



CSIR - Institute of Microbial Technology

Sector 39-A, Chandigarh - 160036, (INDIA)

SR.	MTC NO	Genus	Species	Organism	Strain designation	Special features	AHIFPC/Equivalent to MTCC
1	1	Streptomyces	sp.	Actinomycetes	TK 150		
2	2	Streptomyces	sp.	Actinomycetes	TK 24		
3	3	Streptomyces	sp.	Actinomycetes	TK 24		
4	4	Streptomyces	sp.	Actinomycetes	TK 23		
5	5	Streptomyces	sp.	Actinomycetes	TK 64		
6	6	Mycobacterium	smegmatis	Actinomycetes	14468		ATCC14468, NCIB9953, NCTC10265, TMC1546, ATC, ,
7	7	Streptomyces	diastaticus sub sp. diastaticus	Actinomycetes	2211		NCIM2211, PRLY-5
8	8	Streptomyces	coelicolor	Actinomycetes	M 130		
9	9	Streptomyces	coelicolor	Actinomycetes	M 124		
10	10	Streptomyces	coelicolor	Actinomycetes	M 107		
11	11	Streptomyces	coelicolor	Actinomycetes	J1501		
12	12	Streptomyces	coelicolor	Actinomycetes	J1501		
13	13	Streptomyces	albunaceus	Actinomycetes	G5/A		
14	14	Amycolatopsis	rifamycinica	Actinomycetes	13685		ATCC13685, DSM43304, NBRC13142, NBRC13415, J, NCI B9613, NRRLB-3240, CBS121.63, IFO13142, I,
15	15	Amycolatopsis	rifamycinica	Actinomycetes	LBG-A 3136		LBG-A3136, ATCC13685, DSM43304, NBRC13142, N, CBS716.72, NCIB9613, NRRLB-3240, CBS121.6,
16	16	Amycolatopsis	rifamycinica	Actinomycetes	27643		ATCC27643, DSM46095, IMET7668, ,
17	17	Amycolatopsis	rifamycinica	Actinomycetes	21271		ATCC21271, ,
18	18	Amycolatopsis	rifamycinica	Actinomycetes	21789		ATCC21789, ,
19	19	Mycobacterium	sp.	Actinomycetes	10420		NCIB10420, ATCC12670, DSM44181, ,
20	20	Arthrobacter	sp.	Actinomycetes	10407		NCIB10407, ,
21	21	Arthrobacter	nicotianae	Actinomycetes	9458		NCIB9458, ATCC15236, CCM1648, CDA883, , DSM20123, IAM12342, JCM1333,
22	22	Arthrobacter	viscosus	Actinomycetes	9729		ATCC19584, NRRLB-1973, NCIMB9729, DSM7307, ,
23	23	Cellulosimicrobium	cellulans	Actinomycetes	11440		ATCC21681, DSM20106, NCIB11440, ,
24	24	Cellulomonas	fimi	Actinomycetes	11341		DSM20113, NCTC7547, JCM1341, IAM12107, USDA1,

							ATCC484,
25	25	Brevibacterium	liquefaciens	Actinomycetes	9545		ATCC14929,DSM20579,JCM1970,NCIB9545, ,
26	26	Corynebacterium	glutamicum	Actinomycetes	10025		ATCC13032,CCM2428,DSM20300,JCM1318,CIP82,NCIB10025,
27	29	Debaryomyces	occidentalis var.occidentalis	Yeasts			ATCC26077,CBS2863,CCRC20332,IFO1840,JCM8, ,
28	30	Lachancea	thermotolerans	Yeasts	412		NCYC412, ,
29	31	Kluyveromyces	dobzhanskii	Yeasts	538		NCYC538,ATCC24175,CBS2104,CCRC22022,IFO1,UCD50-45,
30	32	Kluyveromyces	lactis	Yeasts	548		NCYC548,ATCC24176,CBS2103,CCRC21338,DBVP,UCD50-80,
31	33	Lachancea	thermotolerans	Yeasts	701		NCYC701,ATCC24177,CBS2803,IFO1674,NRRLY-,VKMY-533,
32	34	Pichia	pastoris	Yeasts	1603		NRRLY-1603,ATCC28485,CBS704,CCRC21531,JC,NCYC175,
33	35	Yarrowia	lipolytica	Yeasts	789		NCYC789, ,
34	36	Saccharomyces	cerevisiae	Yeasts	Y-11857		NRRLY-11857,ATCC26602,NCYC975,
35	37	Geobacillus	stearotherophilus	Bacteria	B41		
36	38	Geobacillus	stearotherophilus	Bacteria	B70		
37	39	Klebsiella	pneumoniae subsp.pneumoniae	Bacteria	418		
38	40	Escherichia	coli	Bacteria	40		
39	41	Escherichia	coli	Bacteria	41		
40	42	Escherichia	coli	Bacteria	42		
41	43	Escherichia	coli	Bacteria	43		
42	44	Escherichia	coli	Bacteria			
43	45	Escherichia	coli	Bacteria	GM242		
44	46	Escherichia	coli	Bacteria	JM103		
45	47	pUC19	(in E.coli TB1)	Plasmids	pUC19/TB1		
46	48	pSAC	(in E.coli HB101)	Plasmids	pSAC/HB101		
47	49	pMS201	(in E.coli)	Plasmids	pMS201		
48	50	Escherichia	coli	Bacteria	E.coli 4		
49	51	Escherichia	coli	Bacteria	E.coli 1		
50	52	pAA31/4	(in E.coli)	Plasmids	pAA31/4		
51	53	pAA319P/4	(in E.coli)	Plasmids	PAA319P/4		
52	54	pSb118	(in E.coli)	Plasmids	pSB118		
53	55	pDR720	(in E.coli)	Plasmids	pDR720		
54	56	GB4	(in E.coli SF8)	Plasmids	GB4/SF8		
55	57	Pbr322::Tn5	(in E.coli)	Plasmids	pBR322::Tn5		

56	58	YEP51	(in E.coli)	Plasmids	YEP51		
57	59	pEX1	(in E.coli)	Plasmids	pEX1		
58	60	pEX2	(in E.coli)	Plasmids	pEX2		
59	62	pORF1	(in E.coli)	Plasmids	pORF1		
60	63	pORF2	(in E.coli)	Plasmids	pORF2		
61	64	Escherichia	coli	Bacteria	MH3000		
62	65	Escherichia	coli	Bacteria	TK1046		
63	66	Escherichia	coli	Bacteria	M5219		
64	67	pC1857	(in E.coli C600)	Plasmids	pC1857/C600		
65	68	Escherichia	coli	Bacteria	MC1061(WT)		
66	69	pPLC2833	(in E.coli)	Plasmids	pPLC2833		
67	70	pCP3	(in E.coli)	Plasmids	pCP3		
68	71	pCP39	(in E.coli)	Plasmids	pCP39		
69	72	pCP40	(in E.coli)	Plasmids	pCP40		
70	73	Escherichia	coli	Bacteria	K802		
71	74	pUR281	(in E.coli)	Plasmids	pUR281		
72	75	pUR282	(in E.coli)	Plasmids	pUR 282		
73	76	pUR289	(in E.coli)	Plasmids	pUR 289		
74	77	Escherichia	coli	Bacteria	pEX 2717		
75	78	pBR322	(in E.coli)	Plasmids	pBR322		
76	79	pBR325	(in E.coli)	Plasmids	pBR325		
77	80	CV13	(in E.coli)	Plasmids	CV13		
78	82	Escherichia	coli	Bacteria	HB101		
79	83	pH2.3	(in E.coli)	Plasmids	pH2.3		
80	84	pTR5	(in E.coli)	Plasmids	pTR5		
81	85	pPK79	(in E.coli)	Plasmids	pPK79		
82	86	Serratia	marcescens	Bacteria			
83	87	Staphylococcus	aureus subsp.aureus	Bacteria			
84	91	Zymomonas	mobilis subsp. mobilis	Bacteria			NCIM2427,NCIB82 27, ,
85	94	Lodderomyces	elongisporus	Yeasts	928		NCYC928,ATCC28 473,CBS1946, ,
86	95	Kluyveromyces	marxianus var.marxianus	Yeasts	970		NCYC970,ATCC16 045,CBS2762,CCR C21623,DBVP, UCD71-13,
87	96	Staphylococcus	aureus subsp.aureus	Bacteria	6571		NCIB6571,ATCC91 44,CCM2107,CIP53 .154,CN64, NCTC6 571,NRRLB-3141,
88	97	Serratia	marcescens	Bacteria	9155		NCIB9155,ATCC13 880,CCM303,CDC8 13.60,DSM3, NCTC10211,
89	98	Salmonella	enterica typhimurium	Bacteria	10248		NCIB10248,ATCC2 3564,CIP60.62, ,
90	99	Rhizobium	leguminosarum	Bacteria	11478		ATCC10004,ATCC 10313,DSM30132, NCIB11478, ,
91	100	Ensifer	meliloti	Bacteria	12075		NCIB12075,ATCC9 930,DSM30135, ,
92	101	Pseudomonas	stutzeri	Bacteria	11358		NCIB11358,ATCC1 7588,DSM5190,IFO 14165,NCP, ,
93	102	Pseudomonas	putida	Bacteria	9494		NCIB9494,ATCC12

							633,CIP52.191,DS M291,IFO1, ICPB2 693,NCIB9528,
94	103	<i>Pseudomonas</i>	<i>fluorescens</i>	Bacteria	9046		NCIB9046,ATCC13 525,CCEB546,CCM 2115,DSM50, ICPB 3200,IFO14160,
95	104	<i>Delftia</i>	<i>acidovorans</i>	Bacteria	9681		NCIB9681,ATCC15 668,DSM39,DSM50 251,NCTC10, ,
96	106	<i>Micrococcus</i>	<i>luteus</i>	Actinomycetes	9278		NCIB9278,ATCC46 98,CCM169,CIPA2 70,DSM2003, NBR C3333,JCM1484,N CTC2665,IFO3333,
97	108	<i>Carnobacterium</i>	<i>maltaromaticum</i>	Bacteria	11966		NCIB11966,ATCC2 7865,DSM20342,J CM1154, ,
98	109	<i>Klebsiella</i>	<i>pneumoniae</i> subsp. <i>pneumoniae</i>	Bacteria	418		ATCC15380,DSM2 026,NCDO711,NCT C418,NCIB41, ,
99	110	<i>Pantoea</i>	<i>agglomerans</i>	Bacteria	12126		NCIB12126,ATCC3 3243,DSM4609,NC PPB2971,PD, ,
100	113	<i>Pichia</i>	<i>mississippiensis</i>	Yeasts	YB-1294-7		NRRLYB1294-7,AT CC44357,CBS7025 ,NCYC1448, ,
101	114	<i>Nakaseomyces</i>	<i>delphensis</i>	Yeasts	Y-2379		NRRLY-2379,ATC C24205,CBS2170, DBVPG6073,I, UCD56-2,
102	116	<i>Clostridium</i>	<i>pasteurianum</i>	Bacteria	9486		NCIB9486,ATCC60 13,DSM525, ,
103	117	<i>Kluyveromyces</i>	<i>lactis</i> var. <i>lactis</i>	Yeasts	Y-1564		NRRLY-1564,ATC C10689,CBS739,N CYC570, ,
104	118	<i>Escherichia</i>	<i>coli</i>	Bacteria	9482		NCIB9482, ,
105	119	<i>Escherichia</i>	<i>coli</i>	Bacteria	9483		NCIB9483, ,
106	120	<i>Bradyrhizobium</i>	<i>japonicum</i>	Bacteria	11477		NCIB11477,ATCC1 0324,DSM30131,P DDCC2684, ,
107	121	<i>Bacillus</i>	<i>subtilis</i>	Bacteria	3610		NCIB3610,ATCC60 51,CCM2216,DSM1 0,IAM12118, IFO13 719,JCM1465,NCT C3610,,
108	122	<i>Paenibacillus</i>	<i>polymyxa</i>	Bacteria	8158		NCIB8158,ATCC84 2,CCM1459,DSM36 ,JCM2507, NCTC10343,
109	124	<i>Azotobacter</i>	<i>vinelandii</i>	Bacteria	12096		NCIB12096,ATCC4 78,ATCC8372,DSM 2289, ,
110	126	<i>Alcaligenes</i>	<i>faecalis</i> subsp. <i>faecalis</i>	Bacteria	8156		NCIB8156,ATCC87 50,CCM1052,DSM3 0030,, IAM12369,IF O13111,CIP60.80, NCDO868,NCIB8,
111	127	<i>Acinetobacter</i>	<i>calcoaceticus</i>	Bacteria	10694		NCIB10694,ATCC2 3055,DSM30006,IF O13718,, NCIB9029,RH2414,
112	129	<i>Pseudomonas</i>	sp.	Bacteria	11309		NCIB11309, ,
113	130	<i>Pseudomonas</i>	sp.	Bacteria	11310		NCIB11310, ,

114	131	V517	(in E.coli V517)	Plasmids	V517		
115	132	Xanthobacter	flavus	Bacteria	10071		NCIB10071,ATCC35867,DSM338,IFO14759,JCM1, ,
116	133	Xanthobacter	autotrophicus	Bacteria	10809		NCIB10809,ATCC35674,DSM432,IAM12579,JCM1, ,
117	136	Trametes	hirsuta	Fungi			FRI534, ,
118	137	Pycnoporus	sanguineus	Fungi			FRI970, ,
119	138	Coriolus	versicolor	Fungi			FRI165,NCIM1086, ,
120	139	Gloeoporus	dichrous	Fungi			FRI998, ,
121	140	Polyporus	rubidus	Fungi			FRI674,ATCC26735, ,
122	141	Pleurotus	sajor-caju	Fungi			FRI983, ,
123	142	Pleurotus	ostreatus	Fungi			FRI1029, ,
124	143	Gloeophyllum	trabeum	Fungi			FRI635, ,
125	144	Postia	placenta	Fungi			FRI180(c),ATCC32568,NCIM1090, ,
126	145	Daedalea	flavida	Fungi			FRI7,ATCC32582, ,
127	146	Heterobasidion	annosum	Fungi			FRI824, ,
128	147	Absidia	blakesleeana(+)	Fungi			NCIM889,ATCC10148a,CBS100.28,IMI111736,, ITCC636,
129	148	Absidia	blakesleeana(-)	Fungi	890		NCIM890,ATCC10148b,ITCC637, ,
130	150	Aspergillus	fischeri	Fungi	508		NCIM508,IMI16143, ,
131	151	Aspergillus	foetidus	Fungi	505		NCIM505, ,
132	153	Aureobasidium	pullulans	Fungi	1048		NCIM1048, ,
133	154	Botrytis	allii	Fungi	1041		NCIM1041,IMI147186, ,
134	155	Chaetomium	globosum	Fungi	875		NCIM875,FRI398, ,
135	156	Fusarium	moniliforme	Fungi	1100		NCIM1100,NCIM892,ATCC14164,CBS186.56,IMI, ,
136	157	Mucor	hiemalis(+)	Fungi	872		NCIM872,ITCC20, ,
137	158	Myrothecium	verrucaria	Fungi	903		NCIM903,ATCC9095,CBS253.47,CBS328.52,CEB, IMI045541,NRRL2003,QM460,USDA1334.2,MUCL,
138	159	Neurospora	crassa	Fungi	863		NCIM863,ATCC9278,CBS241.55,FGSC548,IMI03, ,
139	160	Penicillium	chrysogenum	Fungi	722		NCIM722,ATCC10106,CBS306.48,IMI024314,IM, 29145,NCTC589,NRRL807,NRRL810,QM7500,
140	161	Penicillium	chrysogenum	Fungi	747		NCIM747,ATCC9479,NRRL1950,QM6851, ,
141	162	Rhizopus	stolonifer	Fungi	958		NCIM958,CFTRI1052, ,
142	163	Sporotrichum	pruinatum	Fungi	1106		NCIM1106, ,
143	166	Tiarospora	phaseolina	Fungi			
144	168	Flavodon	flavus	Fungi	73(a)		FRI73(a),ATCC324

							76,CBS505.92, ,
145	169	Fomitopsis	palustris	Fungi	528		FRI528,FRI580,FRI666, ATCC26013, ,
146	170	Saccharomyces	cerevisiae	Yeasts	3078		NCIM3078,NCIM3090,ATCC9763,CBS2978,CBS59, NCYC87,NRRLY-567,
147	171	Saccharomyces	cerevisiae	Yeasts	3090		NCIM3090,NRRL567,ATCC9763, ,
148	172	Saccharomyces	cerevisiae	Yeasts	3095		NCIM3095, ,
149	173	Saccharomyces	cerevisiae	Yeasts	3186		NCIM3186, ,
150	174	Saccharomyces	cerevisiae	Yeasts	3187		NCIM3187, ,
151	175	Candida	magnoliae	Yeasts	3193		NCIM3193,PRL I2b, ,
152	176	Saccharomyces	cerevisiae	Yeasts	3194		NCIM3194,PRLF10 , ,
153	177	Saccharomyces	cerevisiae	Yeasts	3203		NCIM3203, ,
154	178	Saccharomyces	cerevisiae	Yeasts	3204		NCIM3204, ,
155	179	Saccharomyces	cerevisiae	Yeasts	3205		NCIM3025, ,
156	180	Saccharomyces	cerevisiae	Yeasts	3287		NCIM3287,CFTR111, ,
157	181	Saccharomyces	cerevisiae	Yeasts	3288		NCIM3288,CFTR112, ,
158	182	Saccharomyces	cerevisiae	Yeasts	3107		NCIM3107, ,
159	183	Candida	albicans	Yeasts	3102		NCIM3102,ATCC2091,CBS2730,DSM1665,IFO139, NRRLY-79,
160	184	Candida	tropicalis	Yeasts	3118		ATCC750,ATCC4563,ATCC7349,CBS94,CBS616,C, IFO1070,IFO1400,JCM1541,NRRLY-607,NRRLY-,
161	185	Pichia	jadinii	Yeasts	3401		PRLY-6,NCIM3401 , ,
162	186	Debaryomyces	castellii	Yeasts	3446		NCIM3446, ,
163	187	Pichia	canadensis	Yeasts	3414		NCYC497,ATCC18079,CBS1992,CCR C20482,DBVP, JCM3597,NRRLY-1888,
164	188	Kluyveromyces	marxianus var.marxianus	Yeasts	3217		NCIM3217,IFO0288 , ,
165	189	Pichia	fermentans	Yeasts	3408		NCYC98,NCIM3408, ,
166	191	Schizosaccharomyces	pombe	Yeasts	3360		PRL30,NCIM3360, ,
167	192	Saccharomyces	cerevisiae	Yeasts	X3520		
168	193	Saccharomyces	cerevisiae	Yeasts	P1T2B		
169	194	Saccharomyces	cerevisiae	Yeasts	P2T2A		

170	195	Saccharomyces	cerevisiae	Yeasts	D3010		
171	196	Saccharomyces	cerevisiae	Yeasts	9520T17AXPGI23T		
172	197	Saccharomyces	cerevisiae	Yeasts	9520T20AXPGI23T		
173	198	Saccharomyces	cerevisiae	Yeasts	9520T17A		
174	199	Saccharomyces	cerevisiae	Yeasts	9520T20A		
175	200	Saccharomyces	cerevisiae	Yeasts	PGI23T2A		
176	201	Saccharomyces	cerevisiae	Yeasts	A2		
177	202	Saccharomyces	cerevisiae	Yeasts	A3		
178	203	Saccharomyces	cerevisiae	Yeasts	8534-8C		
179	204	Saccharomyces	cerevisiae	Yeasts	8534-10A		
180	205	Saccharomyces	cerevisiae	Yeasts	6460-8C		
181	206	Saccharomyces	cerevisiae	Yeasts	6460-8D		
182	207	Saccharomyces	cerevisiae	Yeasts	D273		
183	208	Saccharomyces	cerevisiae	Yeasts	D286		
184	209	Saccharomyces	cerevisiae	Yeasts	D587		
185	210	Saccharomyces	cerevisiae	Yeasts	X2928-3D1A		
186	211	Saccharomyces	cerevisiae	Yeasts	106-3D		
187	212	Saccharomyces	cerevisiae	Yeasts	YKAK		
188	213	Saccharomyces	cerevisiae	Yeasts	DY-3		
189	214	Dekkera	anomala	Yeasts	NRRLY-1415		NRRLY-1415,ATC C10559,CBS77,CC RC21512,DBV, IFO0796,VKMY-19,
190	215	Dekkera	anomala	Yeasts	NRRLY-1414		NRRLY-1414,ATC C10562,CBS76,DB VPG6708,DSM, ,
191	216	Candida	mesenterica	Yeasts	Y-1494		NRRLY-1494,ATC C10569,CBS602,C CRC22606,IF, JCM 7531,JCM2368,NC YC390,VKMY-51,
192	217	Citeromyces	matritensis	Yeasts	1506		NRRLY-1506,ATC C56467,CBS162,C CRC22590,IF, NCY C612,VKMY-697,
193	218	Bulleromyces	albus	Yeasts	Y-6655		NRRLY-6655,ATC C18568,CBS501,C CRC21320,DB, IFO 1192,JCM2954,MU CL30301,NCYC425
194	219	Debaryomyces	castellii	Yeasts	Y-7423		NRRLY-7423,ATC C24200,CBS2923,

							CCRC21738,I, NCY C604,UCD6935,VK MY-1652,VKMPY-968,
195	220	Filobasidium	capsuligenum	Yeasts	Y-7451		NRRLY-7451,ATC C22179,CBS4736, CCRC21764,D, NC YC606,NRRLY-669 1,NRRLY-7450,VK MY-1439,
196	221	Williopsis	saturnus var.mrakii	Yeasts	Y-1364		NRRLY-1364,ATC C10743,CBS1707, CCRC21416,D, JC M3614,NCYC500,V KMY-173,
197	222	Hanseniospora	valbyensis	Yeasts	Y-1626		NRRLY-1626,ATC C10631,ATCC4801 3,CBS479,CC, IFO0670,NCYC17,
198	223	Kluyveromyces	lactis var.lactis	Yeasts	Y-1140		NRRLY-1140,ATC C8585,CBS2359,C CRC21716,DS, DB VPG6731,DBVPG6 833,IFO1267,NRRL Y-1140,V,
199	224	Vanderwaltozyma	polyspora	Yeasts	Y-8283		NRRLY-8283,ATC C22028,CBS2163, CCRC21397,D, NC YC523,MUCL30238 ,UCD57-17,
200	225	Pichia	angusta	Yeasts	Y-5445		NRRLY-5445,ATC C34438,CBS4732, CCRC10467,I, NCYC1457,
201	227	Candida	albicans	Yeasts	1363		NCYC1363,ATCC1 0231,CBS6431,DS M1386,IFO15, ,
202	228	Candida	boidinii	Yeasts	1513		NCYC1513,CBS67 74,CCRC22525, ,
203	229	Candida	sake	Yeasts	976		NCYC976,ATCC14 478,CBS159,CCRC 21621,DBVPG, JC M2951,NRRLY-162 2,UCD6741,VKMY- 124,
204	230	Candida	tropicalis	Yeasts	997		NCYC997,ATCC20 336, ,
205	231	Issatchenkia	orientalis	Yeasts	1398		NCYC1398, ,
206	232	Cryptococcus	vishniacii	Yeasts	36649		ATCC36649,CBS71 10,NCYC1405,NRR LY-17208, ,
207	233	Dekkera	bruxellensis	Yeasts	36235		ATCC36235,CBS49 14,DBVPG6710,NC YC924, ,
208	234	Debaryomyces	hansenii var.hansenii	Yeasts	459		NCYC459, ,
209	235	Pichia	alni	Yeasts	1493		NCYC1493,ATCC3 6594,CBS6986,IFO 10710,NRRL, ,
210	236	Pichia	alni	Yeasts	1494		NCYC1494,ATCC3 6595,CBS6987,CC RC22429,IFO, UCD68-940,
211	237	Pichia	anomala	Yeasts	1509		NCYC1509, ,
212	238	Pichia	angusta	Yeasts	1456		NCYC1456,NRRLY

							-2423, ,
213	239	<i>Pichia</i>	<i>subpelliculosa</i>	Yeasts	119		NCYC119, ,
214	240	<i>Hanseniaspora</i>	<i>osmophila</i>	Yeasts	36		NCYC36,ATCC28127,CBS1999,NCTC493, ,
215	241	<i>Kazachstania</i>	<i>lodderae</i>	Yeasts	1417		NCYC1417,ATCC24206,CBS2757,CCRC22117,DBV, NRRLY-8280,UCD70-3, ,
216	242	<i>Kluyveromyces</i>	<i>marxianus</i> var. <i>marxianus</i>	Yeasts	827		NCYC827, ,
217	243	<i>Pichia</i>	<i>heedii</i>	Yeasts	1490		NCYC1490, ,
218	244	<i>Pichia</i>	<i>heedii</i>	Yeasts	1491		NCYC1491, ,
219	245	<i>Debaryomyces</i>	<i>pseudopolymorphus</i>	Yeasts	674		NCYC674,ATCC24211,CBS2008,IFO1026,IFO135, NRRLYB-4229,UCD57-4, ,
220	246	<i>Pichia</i>	<i>farinosa</i> var. <i>farinosa</i>	Yeasts	815		NCYC815,CBS185,CCRC21368,NRRLY-7553, ,
221	247	<i>Rhodospiridium</i>	<i>kratochvilovae</i>	Yeasts	974		NCYC974,ATCC48249, ,
222	248	<i>Rhodospiridium</i>	<i>kratochvilovae</i>	Yeasts	758		NCYC758, ,
223	249	<i>Saccharomyces</i>	<i>cerevisiae</i>	Yeasts	361		NCYC361,ATCC13007,CBS1782,CCRC21963,DBVP, IFO1046,IGC2608,NRRLY-2416,NRRLY-4328,VK, ,
224	250	<i>Saccharomyces</i>	<i>cerevisiae</i>	Yeasts	625		NCYC625, ,
225	251	<i>Saccharomyces</i>	<i>cerevisiae</i>	Yeasts	913		NCYC913, ,
226	252	<i>Saccharomyces</i>	<i>cerevisiae</i>	Yeasts	757		NCYC757, ,
227	253	<i>Saccharomyces</i>	<i>ludwigii</i> var. <i>ludwigii</i>	Yeasts	731		NCYC731,ATCC11313,CBS821,CCRC21378,DBVPG, NRRLY-12793, ,
228	254	<i>Sporidiobolus</i>	<i>metaroseus</i>	Yeasts	1463		NCYC1463, ,
229	255	<i>Trichosporon</i>	<i>cutaneum</i> var. <i>cutaneum</i>	Yeasts	1432		NCYC1432, ,
230	256	<i>Trigonopsis</i>	<i>variabilis</i>	Yeasts	378		NCYC378, ,
231	257	<i>Zygosaccharomyces</i>	<i>baillii</i>	Yeasts	1427		NCYC1427, ,
232	258	<i>Cunninghamella</i>	<i>blakesleeana</i> (+)	Fungi	687		NCIM687, ,
233	259	<i>Cunninghamella</i>	<i>blakesleeana</i> (-)	Fungi	688		NCIM688, ,
234	260	<i>Neurospora</i>	<i>crassa</i>	Fungi	870		NCIM870, ,
235	262	<i>Rhizopus</i>	<i>oryzae</i>	Fungi	1009		NCIM1009,ATCC9363,IMI040564,NRRL395, ,
236	263	<i>Actinopolyspora</i>	<i>halophila</i>	Actinomycetes	11472		NCIB11472,ATCC27976,JCM3278,KCCA-0278,DS, IFO14106, ,
237	264	<i>Cellulomonas</i>	<i>humilata</i>	Actinomycetes	10802		ATCC25174,NCIB10802, ,

238	265	Rhodococcus	rhodochrous	Actinomycetes	11147		NCIB11147,ATCC13808,DSM43241,JCM3202,NCT, ,
239	266	Saccharopolyspora	rectivirgula	Actinomycetes	9984		NCIB9984,ATCC15347,CUB134,DSM43113,JCM30,KCCA0099,
240	267	Agromyces	ramosus	Actinomycetes	10801		ATCC25137,DSM43045,NBRC13899,JCM3108,KCC, NCI B10801,IFO13899,
241	268	Brevibacterium	linens	Actinomycetes	9909		ATCC9172,DSM20425,IAM12437,NBR C12142,JCM, IFO12142,
242	269	Brevibacterium	citreum	Actinomycetes	10702		NCIB10702,CCM2297,DSM20528,IAM1614,NBRC1, ATC C15828,IFO12677,
243	270	Microbacterium	lacticum	Actinomycetes	8540		NCIB8540,ATCC8180,NBRC14135,NC DO747,DSM2, ,
244	271	Promicromonospora	citrea	Actinomycetes	12149		NCIB12149,ATCC15908,DSM43110,IN MI18,RIA5, KCCA0051,
245	272	Mycobacterium	vaccae	Actinomycetes	9937		ATCC15483,DSM43292,NCTC10916, NCIB9937, ,
246	273	Pseudonocardia	petroleophila	Actinomycetes	9438		NCIB9438,ATCC15777,DSM655,DSM43193,NBRC1, JCM 3378,JCM3394,IFO 14406,
247	274	Nocardia	asteroides	Actinomycetes	12082		ATCC19247,CCM2754,DSM43757,IM RU845,NCTC1, PSA165,IMET7547,
248	275	Streptomyces	mimutiscleroticus	Actinomycetes	11008		NCIB1108,CBS658.72,CMI117723,DSM43152,HA, NBRC 13357,NCIB9619,IS P5270,JCM3100,RI A13,
249	276	Streptomyces	glaucescens	Actinomycetes	9619		NCIB9619,ATCC23622,19761,CBS499.68,DSM40, INA8731,ISP5155,JCM4377,KCCS-0377,PSA 177,
250	277	Aspergillus	flavus	Fungi	535		NCIM535, ,
251	278	Sporotrichum	pruinatum	Fungi	982		NCIM982, ,
252	279	Aspergillus	terreus var. aureus	Fungi	659		NCIM659,ATCC11877, ,
253	280	Aspergillus	versicolor	Fungi	698		NCIM698,ATCC16856,CBS584.65, IMI211385, ,
254	281	Aspergillus	niger	Fungi	545		NCIM545,ATCC9029,DSM2466,CBS120.49,IMI04, ,
255	282	Aspergillus	niger	Fungi	584		NCIM584,ATCC6275,CBS769.97,NBR C(IFO)6341, ,
256	283	Curvularia	lunata var. lunata	Fungi	716		NCIM716, ,

257	284	Fusarium	oxysporum	Fungi	1008		NCIM1008, ,
258	286	Fusarium	proliferatum var.proliferatum	Fungi	1036		NCIM1036,ATCC10 052,CBS263.54,IF O6349,NRR, ,
259	287	Penicillium	funiculosum	Fungi	1170		NCIM1170, ,
260	288	Athelia	rolfsii	Fungi	1084		NCIM1084, ,
261	289	Gordonia	rubropertincta	Actinomycetes	7E1C		ATCC19067,NCIB9 703, ,
262	290	Mycobacterium	sp.	Actinomycetes	7E1B1W		ATCC29676,NCIB1 1805, ,
263	291	Rhodococcus	rhodochrous	Actinomycetes	OFS		ATCC29672, ,
264	293	Escherichia	coli	Plasmids	pT1		
265	294	Escherichia	coli	Plasmids	pT2		
266	295	Escherichia	coli	Plasmids	pLEb3		
267	296	Trichophyton	rubrum	Fungi			
268	297	Bacillus	sp.	Bacteria	Bacillus Sp.		
269	298	Methylobacterium	extorquens	Bacteria			NCIB9399,ATCC43 645,DSM1337,JCM 2802, ,
270	299	Achromobacter	denitrificans	Bacteria	8642		NCIB8642,ATCC11 883,DSM1105,RH1 081, ,
271	300	Mycobacterium	tuberculosis	Actinomycetes	H37Ra		
272	301	Saccharomyces	cerevisiae	Yeasts	XW375-2A		
273	302	Saccharomyces	cerevisiae	Yeasts	XW527-2D		
274	303	Saccharomyces	cerevisiae	Yeasts	CP2AB		
275	304	Saccharomyces	cerevisiae	Yeasts	G4-alpha		
276	305	Saccharomyces	cerevisiae	Yeasts	3482-16-1 cir0		
277	306	Saccharomyces	cerevisiae	Yeasts	MZ4		
278	307	Saccharomyces	cerevisiae	Yeasts	3482-16-1 cir1		
279	308	Saccharomyces	cerevisiae	Yeasts	F762		
280	309	Saccharomyces	cerevisiae	Yeasts	ABDE1		
281	310	Saccharomyces	cerevisiae	Yeasts	3971-5B		
282	311	Saccharomyces	cerevisiae	Yeasts	X2928-3D-1A		
283	312	Saccharomyces	cerevisiae	Yeasts	X2180-1A		
284	313	Saccharomyces	cerevisiae	Yeasts	K2		
285	314	Saccharomyces	cerevisiae	Yeasts	4795-104-Delta1		
286	315	Saccharomyces	cerevisiae W303-1B	Yeasts	W303-1B		
287	316	Saccharomyces	cerevisiae	Yeasts	AB17-11D		
288	317	Saccharomyces	cerevisiae	Yeasts	JW251-1A		
289	318	Kluyveromyces	lactis var.lactis	Yeasts	1205		NRRLY-1205,ATC

							C8651,ATCC12707, CBS2360,CC, DBV PG6829,IFO1903,N CYC752,
290	319	Streptomyces	sp.	Actinomycetes	TC10		
291	320	Saccharomonospora	viridis	Actinomycetes			NRRLB-3044;NCIB 9602;ATCC15386, DSM43017,D, NBR C12207,KCCA-003 6,CBS484.63,IFO1 2207,
292	321	Streptomyces	fradiae	Actinomycetes	1195		NRRLB-1195,ATC C10745,19760,CBS 498.68,CCM, NCIB 8233,11005,NBRC3 439,3718,12773,HU T60,
293	322	Streptomyces	parvus	Actinomycetes	1455		ATCC12433,CBS42 7.61,DSM40348,NB RC3388,IS, 1455,P SA145,RIA610,IMR U3686,NCIB9608,I FO,
294	323	Streptomyces	eurocidicus	Actinomycetes	19721		ATCC19721,NRRL B-1670,CBS460.68 ,DSM40051,, PSA8 6,RIA1002,NCIB96 00,NBRC3400,NBR C1273,
295	324	Streptomyces	kanamyceticus	Actinomycetes	2535		NRRLB-B2535,AT CC12853,CBS715. 72,DSM40500, NCI B9343,JCM4433,47 75,NIHJ235,KCCS- 0433,,
296	325	Streptomyces	aureofaciens	Actinomycetes	2209		ATCC10762,23884, NRRLB-2209,NCIB 8234,CCM3, JCM4 008,4624,NBRC371 2,12594,12834,PSA 40,,
297	326	Streptomyces	vinaceus	Actinomycetes	11861		ATCC11861,25510, CBS307.55,652.69, DSM4025, NRRLB- 2285,PSA141,ETH 10109,10560,IFO13 09,
298	327	Streptomyces	venezuelae	Actinomycetes	10595		ATCC10595,CBS36 9.49,DSM40643,IP V877,NRRL, RIA741.,
299	328	Streptomyces	griseocarneus	Actinomycetes	1068		NRRLB-1068,ATC C12628,19763,CBS 501.68,CCM, 87,IS P5004,JCM4095,45 80,PSA132,RIA132, 10,
300	329	Micromonospora	chalcea	Actinomycetes	2344		NRRLB2344,ATCC 12452,DSM43026, CBS269.62,I, NBR C13503,JCM3031, KCCA0031,IFO135 03,
301	330	Micromonospora	inositola	Actinomycetes	16095		NRRLB16095,ATC C21773,DSM43819 ,JCM6239, ,
302	331	Micromonospora	purpureochromogenes	Actinomycetes	16094		ATCC27007,NRRL B-16094,IMRU334

							3,CBS326.71, DSM 43821,NBRC13324, JCM3156,IFO13324,
303	332	Streptomyces	parvus	Actinomycetes	1455		ATCC12433,CBS427.61,DSM40348,IF O3388,JCM, NRRL B-1445,NCIB9608, RIA610,ISP5348,
304	333	Streptomyces	olivovercillatus	Actinomycetes	1994		NRRLB-1994,ATC C25480,CBS890.69 ,DSM40250., JCM4 100,4501,NCIB971 4,RIA551,1260,KC CS-0,
305	334	Streptomyces	griseocarneus	Actinomycetes			See: Streptovercillium griseocarneus M, ,
306	335	Streptomyces	eurocidicus	Actinomycetes			See: Streptomyces albireticuli MTCC *323, ,
307	336	Lipomyces	tetrasporus	Yeasts	Y-7074(Y-11562)		NRRLY-7074,NRR LY-11562,ATCC32 372,CBS5910, MU CL39417,NCYC143 7,
308	338	Lindnera	mississippiensis	Yeasts	Y-1294		NRRLYB-1294,AT CC44359,CBS7023 ,CCRC22174,, ,
309	339	Lindnera	mississippiensis	Yeasts	YB-1294-6		NRRLYB-1294-6,A TCC44358,CBS702 4,NCYC1447, ,
310	340	Streptomyces	sp.	Actinomycetes	TK54		
311	341	Acrophialophora	fusispora	Fungi	2978		ITCC2978, ,
312	342	Alternaria	citri	Fungi	1663		ITCC1663, ,
313	343	Aspergillus	fumigatus	Fungi	2550		ITCC2550, ,
314	344	Emericella	nidulans	Fungi	2636		ITCC2636, ,
315	345	Chaetomium	heterosporum	Fungi	1834		ITCC1834, ,
316	347	Curvularia	andropogonis	Fungi	3106		ITCC3106,CBS186. 49,IMI038980, ,
317	348	Bipolaris	bicolor	Fungi	2769		ITCC2769, ,
318	349	Fusarium	culmorum	Fungi	146		ITCC146, ,
319	350	Fusarium	solani	Fungi	3359		ITCC3359, ,
320	351	Cladosporium	herbarum	Fungi	1435		ITCC1435, ,
321	352	Humicola	grisea	Fungi	2858		ITCC2858, ,
322	353	Mucor	mucedo	Fungi	3169		ITCC3169, ,
323	354	Agaricus	bisporus	Fungi	3254		ITCC3254, ,
324	355	Gloeophyllum	trabeum	Fungi	1314		ITCC1314, ,
325	356	Coprinus	comatus	Fungi	3357		ITCC3357, ,
326	357	Lasioidiplodia	theobromae	Fungi	1562		ITCC1562, ,
327	358	Eremothecium	gossypii	Fungi	109.26		CBS109.26,DSM34 99, ,
328	359	Botrytis	cinerea	Fungi	125.27		CBS125.27, ,
329	360	Cephalotheca	sulfurea	Fungi	135.34		CBS135.34, ,
330	361	Chaetomella	raphigera	Fungi	130.64		CBS130.64,IMI103 665, ,
331	362	Cylindrocarpon	ianthothele var.ianthothele	Fungi	113.12		CBS113.12,IMI113 918, ,

332	363	Dendrophoma	mahoniae	Fungi	121.21		CBS121.21, ,
333	364	Diplodia	cajani	Fungi	214.5		CBS214.50, ,
334	365	Pilaira	moreaui	Fungi	181.26		CBS181.26,IMI109 389,NRRL6283, ,
335	366	Eremothecium	ashbyi	Fungi	106.43		CBS106.43, ,
336	367	Gilbertella	persicaria(-)	Fungi	190.32		CBS190.32,ATCC2 4413,IFO6666,IMI1 01697,NR, ,
337	368	Hormoconis	resinae	Fungi	185.54		CBS185.54,ATCC1 1272,IFO31772,MU CL10101, ,
338	369	Monascus	purpureus	Fungi	109.07		CBS109.07,ATCC1 6365,ATCC16426,I FO4513,IM, ,
339	371	Auxarthron	conjugatum	Fungi	247.58		CBS247.58, ,
340	372	Pestalotia	bicolor	Fungi	363.54		CBS363.54,QM664, ,
341	373	Phomopsis	theicola	Fungi	187.27		CBS187.27, ,
342	374	Septoria	citricola	Fungi	356.36		CBS356.36, ,
343	375	Thermoascus	aurantiacus	Fungi	256.34		CBS256.34, ,
344	376	Drechlerella	polybrocha	Fungi	319.56		CBS319.56,ATCC1 3415,ATCC18267, ,
345	377	Aspergillus	sp.	Fungi	512.65		CBS512.65,ATCC1 6919,IFO31800,IMI 75885ii, ,
346	378	Absidia	corymbifera(+)	Fungi	269.65		CBS269.65,ATCC1 1613, ,
347	379	Absidia	corymbifera(-)	Fungi	100.24		CBS100.24, ,
348	380	Ascosphaera	apis	Fungi			CBS274.35, ,
349	381	Colletotrichum	acutatum f.pineum	Fungi	797.72		CBS797.72, ,
350	382	Cunninghamella	antarctica	Fungi	545.75		CBS545.75, ,
351	383	Rhizopus	microsporus va r.rhizopodiformi s	Fungi	343.29		CBS343.29, ,
352	384	Syncephalastrum	racemosum	Fungi	302.65		CBS302.65, ,
353	385	Gymnoascus	alatisporus	Fungi	457.73		CBS457.73,IMI169 642, ,
354	386	Amylomyces	rouxii	Fungi	416.77		CBS416.77,ATCC2 4905,DSM1191, ,
355	387	Talaromyces	emersonii	Fungi	393.64		CBS393.64,ATCC1 6479,IFO31232,IMI 116815, ,
356	388	Phycomyces	blakesleeanus var.piloboloides	Fungi	112.2		CBS112.20,NRRL2 565, ,
357	389	Streptococcus	sp.	Bacteria			ATCC12449, ,
358	390	Escherichia	coli	Bacteria	C600/Plasmidles		
359	391	RP4(56.4kB)	(in E.coli SK1592)	Plasmids	SK1592		NCIB11963, ,
360	392	pKT230(11.9kB)	(in E.coli SK1592)	Plasmids	SK1592		
361	393	pKT231(13.0kB)	(in E.coli SK1592)	Plasmids	SK1592		NCIB11949, ,
362	394	pMMB33	(in E.coli C600)	Plasmids	C600		
363	395	pMMB34	(in E.coli C600)	Plasmids	C600		
364	396	pLAFR3	(in E.coli	Plasmids	HB101		

			HB101)				
365	397	pBW7	(in E.coli JC3272)	Plasmids	JC 3272		
366	398	pRK2013	(in E.coli HB101)	Plasmids	HB101		
367	399	Fusarium	eumartii	Fungi	203.31		CBS203.31, ,
368	400	Eremascus	albus	Fungi	239.5		CBS239.50, ,
369	401	Phoma	arachidicola	Fungi	333.75		CBS333.75,ATCC28333,IMI386092, ,
370	402	Hypocrea	psychrophila	Fungi	262.71		CBS262.71,ETH7655, ,
371	403	Curvularia	pallescens	Fungi			
372	404	Aspergillus	niger	Fungi			
373	405	Escherichia	coli	Bacteria	NS428		
374	406	Escherichia	coli	Bacteria	NS433		
375	407	Acremonium	strictum	Fungi	10141		ATCC10141, ,
376	408	Hanseniaspora	uvarum	Yeasts	9774		ATCC9774,CBS2584,NRRLY-115, ,
377	409	Armillaria	mellea	Fungi	11113		ATCC11113, ,
378	410	Monascus	purpureus	Fungi	16436		ATCC16436,NRRL1992, ,
379	411	Aspergillus	parasiticus var.globosus	Fungi	15517		ATCC15517,CBS260.67,DSM2038,NBRC(IFO)301, IMI229041,NCIM898, ,
380	412	Sporotrichum	pruinsum	Fungi	36374		ATCC36374, ,
381	413	Cladosporium	herbarum	Fungi	28987		ATCC28987, ,
382	414	Mucor	azygosporus	Fungi	15087		ATCC15087,CBS292.63,IMI101213ii, ,
383	416	Neurospora	crassa	Fungi	10333		ATCC10333,CBS252.58,IMI024298,NCIM1001, ,
384	417	Neurospora	sitophila	Fungi	9276		ATCC9276,CBS381.50,DSM1130,IMI021944,NCI,NCTC6813, ,
385	418	Penicillium	camembertii	Fungi	4845		ATCC1105,ATCC4845,NRRL878,CBS299.48,IMIO, NRRL877,IMI092200,MUCL29790, ,
386	419	Sordaria	fimicola	Fungi	14517		ATCC14517, ,
387	420	Sordaria	fimicola	Fungi	14518		ATCC14518, ,
388	421	Arthrotrichum	oligospora	Fungi	24927		ATCC24927,CBS115.81,DSM1491, ,
389	422	Coprinus	cinereus	Fungi	12890		ATCC12890, ,
390	423	Exophiala	pisciphila	Fungi	24901		ATCC24901,CBS537.73,IMI176060, ,
391	424	Pseudomonas	aeruginosa	Bacteria	25619		ATCC25619, ,
392	425	Proteus	mirabilis	Bacteria	7002		ATCC7002, ,
393	426	Proteus	vulgaris	Bacteria	6380		ATCC6380, ,
394	427	Saccharomyces	cerevisiae	Yeasts	6567		DBVPG6567, ,
395	428	Bacillus	megaterium	Bacteria	14581		ATCC14581,CCM2007,DSM32,JCM2506,NCTC1034, ,
396	429	Bacillus	licheniformis	Bacteria	14580		ATCC14580,CCM2145,DSM13,IFO122

							00,JCM2505, ,
397	430	Bacillus	cereus	Bacteria	11778		ATCC11778,ATCC 9634,DSM345,NCI B8849,NCIB9, NCTC10320,
398	432	Klebsiella	pneumoniae subsp.pneumoniae	Bacteria	33495		ATCC33495, ,
399	433	Escherichia	coli	Bacteria	15223		ATCC15223,DSM1 058,NCIB9552,, ,
400	434	Stenotrophomonas	maltophilia	Bacteria	13637		ATCC13637,DSM5 0170,NCIB9203,NC PPB1974,NC, ,
401	435	Staphylococcus	epidermidis	Bacteria	155		ATCC155,AMC263, ,
402	436	Serratia	proteamaculans subsp.proteamaculans	Bacteria	35551		ATCC35551, ,
403	437	Saccharomyces	cerevisiae	Yeasts	6497		DBV6497,NCYC23 2, ,
404	438	Burkholderia	cepacia	Bacteria	25416		ATCC25416,NCTC 10743, ,
405	439	Enterococcus	faecalis	Bacteria	35550		ATCC35550, ,
406	440	Lactococcus	lactis subsp. lactis	Bacteria	11454		ATCC11454,DSM2 0729, ,
407	441	Bacillus	subtilis	Bacteria	6633		ATCC6633,DSM34 7,IFO13720,NCIB8 054,NCTC10, ,
408	442	Streptococcus	pyogenes	Bacteria	14289		ATCC14289, ,
409	443	Escherichia	coli	Bacteria	25922		ATCC25922,DSM1 103,NCIB12210, ,
410	448	Escherichia	coli	Bacteria	9637		ATCC9637,DSM11 16,CCM2024,NCIB 8666, ,
411	450	Clostridium	perfringens	Bacteria	3624		ATCC3624, ,
412	451	Vibrio	parahaemolyticus	Bacteria	17802		ATCC17802,DSM1 0027,CIP75.2,NCIM B1902,NCT, ,
413	452	Escherichia	coli	Bacteria	11105		ATCC11105,DSM1 900, ,
414	453	Bacillus	wiedmannii	Bacteria	14945		ATCC14945, ,
415	454	Candida	fragicola	Yeasts	1574		IFO1574,ATCC241 18,CBS6376, ,
416	455	Kluyveromyces	wickerhamii	Yeasts	1675		IFO1675,ATCC241 78,CBS2745,DBVP G6077,IFO1, NRRL Y-8286,UCD54-21 0,
417	456	Priceomyces	haplophilus	Yeasts	947		IFO0947,ATCC242 40,CBS2028,CCRC 21369,DSM7, NCY C549,NRRLY7860, UCD52-11,
418	457	Rhodospodium	toruloides	Yeasts	559		IFO0559,ATCC107 88,ATCC15385,CB S14,CCRC20, IAM1 3469,JCM3792,MU CL30249,NCYC921 ,NRRLY,
419	458	Kluyveromyces	lactis var.lactis	Yeasts	1090		IFO1090,ATCC564 98,CBS683,DBVPG 6305,DSM43, NRR LY-8279,UCD7159,

420	461	Candida	tropicalis	Yeasts	St		
421	462	Wickerhamomyces	anomalus	Yeasts	W		
422	463	Saccharomyces	cerevisiae	Yeasts	S		
423	464	Saccharomyces	cerevisiae	Yeasts	DBV6499		DBVPG6499,ATCC 36900,NCYC738, ,
424	465	Saccharomyces	cerevisiae	Yeasts	DBV6500		DBVPG6500,NCYC1006, ,
425	467	Phoma	pomorum	Fungi			
426	469	Diaporthe	eres	Fungi	730.79		CBS730.79, ,
427	470	Diatrype	disciformis	Fungi	205.87		CBS205.87, ,
428	472	Saccharomyces	cerevisiae	Yeasts	K12		
429	473	Saccharomyces	cerevisiae	Yeasts	S6		
430	474	Saccharomyces	cerevisiae	Yeasts	K7.S1		
431	475	Saccharomyces	cerevisiae	Yeasts	Y110		
432	476	Escherichia	coli	Bacteria	F-20		
433	478	Aspergillus	niger	Fungi	SL9		
434	479	Aspergillus	terreus var. terreus	Fungi	MM3		
435	480	Paecilomyces	variotii	Fungi	MHM10		
436	482	Escherichia	coli	Bacteria	NK 4177		
437	483	Escherichia	coli DH5	Bacteria	DH5		
438	484	Escherichia	coli DH5	Bacteria	DH5		
439	485	Sporidiobolus	salmonicolor	Yeasts	1845		IFO1845,CBS5937, ATCC36395, ,
440	486	Ambrosiozyma	cicatricosa	Yeasts	1846		IFO1846,ATCC24611,CBS6157,CCRC 22158,IMII, VKMPY-881,NRRLY-17594, ,
441	487	Ambrosiozyma	philentoma	Yeasts	1847		IFO1847,ATCC24607,CBS6276,CCRC 22160,JCM7, VKMY-2607, ,
442	488	Bacillus	firmus	Bacteria	10335		NCTC10335,ATCC 14575,DSM12,NCI B9366, ,
443	489	Myroides	odoratus	Bacteria	11036		NCTC11036,ATCC 4651,DSM2801,JC M7458, ,
444	490	Bacillus	circulans	Bacteria	2610		NCTC2610,ATCC4513,DSM11,NCIB9374, ,
445	491	Achromobacter	xylooxidans	Bacteria	10807		NCTC10807,ATCC 27061,DSM10346, CIP71.32, ,
446	492	Bacillus	coagulans	Bacteria	10334		NCTC10334,ATCC 7050,DSM1,NCIB9365,CCM2013, ,
447	493	Pseudomonas	alcaligenes	Bacteria	10367		NCTC10367,ATCC 14909,DSM50342,ICPB2749-14, ,
448	494	Comamonas	testosteroni	Bacteria	10698		NCTC10698,ATCC 11996,NCIB8955,NRRLB-2611,, ,

449	495	Serratia	odorifera	Bacteria	11214		NCTC11214,ATCC 33077,CDC1979-77,DSM4582,C, ,
450	497	Streptococcus	mutans	Bacteria	10449		NCTC10449,ATCC 25175,DSM20523,IFO13955,NC, ,
451	498	Sphingobacterium	multivorum	Bacteria	11343		NCTC11343,ATCC 33613, ,
452	499	Intrasporangium	calvum	Actinomycetes	12989		IFO12989,ATCC23552,DSM43043,IMET7816,JCM, KCCA-0097,
453	500	Dactylosporangium	aurantiacum	Actinomycetes	12592		NBRC12592,ATCC 23491,IMET9028, JCM3083,DSM, IFO12592,
454	501	Streptomyces	sp.	Actinomycetes	14215		NBRC14215,ATCC 25664,DSM43836, JCM3302,KCC, ,
455	503	Streptomyces	albulus	Actinomycetes	13410		NBRC13410,ATCC 12757,CBS711.72, RIA1371,IS, IFO13410,
456	504	Streptomyces	sp.	Actinomycetes	12832		NBRC12832,ATCC 15845,ATCC23872, CBS611.68,, ISP5197,DSM40197,KCCS-0341,
457	505	Byssochlamys	fulva	Fungi	40021		IMI40021,ATCC10099,CBS146.48,NBRC(IFO)67, ,
458	506	Nodulisporium	hinnuleum	Fungi	214826		IMI214826,ATCC36102, ,
459	507	Drechslera	ellisii	Fungi	75862		IMI075862,ATCC14848,CBS193.62, ,
460	508	Aspergillus	foetidus	Fungi	41871		IMI41871,CBS618.78, NBRC(IFO)739, ,
461	509	Enterobacter	cloacae	Bacteria	10005		NCTC10005,ATCC 13047,NCDC44268 ,NCDC279-56, ,
462	510	Pseudomonas	fragi	Bacteria	4973		ATCC4973,ATCC13221,DSM3456,NRRLB-25, ,
463	511	Bacillus	sp.	Bacteria	14577		ATCC14577,NCIB9370,DSM28,NCTC10338, ,
464	512	Pseudomonas	sp.	Bacteria	21283		ATCC21283, ,
465	513	Mycotypha	africana	Fungi	139108		IMI139108,ATCC15344,BKM F-1214,CBS122.64 , RSA1193,
466	514	Aspergillus	niger	Fungi	31283		IMI031283,ATCC10581,CBS121.49,DSM2182, ,
467	515	Scolecobasidiella	avellanea	Fungi	67827		IMI067827,CBS772.73, ,
468	516	Penicillium	echinulatum var.echinulatum	Fungi	40028		IMI040028,ATCC10434,CBS317.48,IFO7760,MU, QM7519,
469	517	Penicillium	ochrochloron	Fungi	61271		IMI061271,ATCC9112,ATCC9824,BKM F-1827,C, NCIM10

							44,NRRL744,QM47 7,
470	518	Absidia	psychrophila	Fungi	197671		IMI197671,ATCC24 170,CBS128.68, ,
471	519	Pleospora	alfalfae	Fungi	269683		IMI269683,CBS192 .86, ,
472	520	Escherichia	coli	Bacteria	Y1089		
473	521	Escherichia	coli	Bacteria	Y1090		
474	522	Oidiodendron	citrinum	Fungi	96255		IMI096255, ,
475	523	Nodulisporium	verrucosum	Fungi	78260		IMI078260,ATCC36 253,CBS245.29,MU CL139,MU, ,
476	524	Phialophora	caliciformis	Fungi	89387		IMI089387,CBS302 .62,NCIM1093, ,
477	525	Phoma	epicoccina	Fungi	164070		IMI164070,ATCC24 428,CBS173.73, ,
478	526	Piptocephalis	fimbriata	Fungi	149882		IMI149882, ,
479	527	Cylindrocarpon	musae	Fungi	180213		IMI180213, ,
480	528	Elsinoe	zizyphi	Fungi	92307		CBS378.62, ATCC14656, IMI092307, ,
481	529	Pithomyces	cynodontis	Fungi	101184		IMI101184, ,
482	530	Raoultella	planticola	Bacteria	15050		ATCC15050,DSM4 617, ,
483	532	Rhizobium	rhizogenes	Bacteria	15834		ATCC15834, ,
484	533	Candida	buinensis	Yeasts	1642		IFO1642,ATCC584 32,CBS6796,CCRC 22608,JCM9, ,
485	534	Candida	boleticola	Yeasts	1570		IFO1570,ATCC584 31,CBS6420,CCRC 22256,JCM1, ,
486	535	Candida	catenulata	Yeasts	731		IFO0731, ,
487	536	Sterigmatomyc es	elviae	Yeasts	1912		IFO1912,ATCC427 13,CBS7053,DBVP G7028,IFO1, NRRLY-17174,
488	537	Candida	sake	Yeasts	1517		IFO1517,ATCC221 62,CBS6304,JCM3 757, ,
489	538	Issatchenkia	orientalis	Yeasts	1664		IFO1664,ATCC321 96,CBS6799,NRRL Y-7179, ,
490	539	Brettanomyces	custersianus	Yeasts	1585		IFO1585,ATCC344 46,CBS4805,CCRC 21516,DBVP, NRRLY-6653,
491	540	Dekkera	bruxellensis	Yeasts	1586		IFO1586,ATCC344 47,CBS5512,CCRC 21517,DBVP, ,
492	541	Brettanomyces	naardenensis	Yeasts	1588		IFO1588,ATCC220 75,CBS6042,CCRC 21520,DBVP, ,
493	542	Dekkera	bruxellensis	Yeasts	1589		IFO1589,ATCC223 41,CBS6055,CCRC 20932,DBVP, ,
494	543	Flammulina	velutipes	Fungi	13547		ATCC13547,DSM3 512,IMI176670,NCI M678, ,
495	544	Periconia	cookei	Fungi	16171		IMI016171, ,
496	545	Scytalidium	lignicola	Fungi	62532		IMI062532,CBS233 .57,MUCL4172, ,

497	546	Rhizomucor	miehei	Fungi	16457		ATCC16457,CBS182.67,IMI126334,MUCL30557, ,
498	547	Aspergillus	gorakhpurensis	Fungi	130728		IMI130728,CBS648.74, ,
499	548	Aspergillus	awamori	Fungi	14331		ATCC14331,ATCC11364,CBS139.52,NBRC(IFO)4, ,
500	549	Penicillium	brevicompactum	Fungi	9056		ATCC9056,ATCC10418,CBS257.29,DSM3825,IMI, MUCL30240,MUCL30241,MUCL30256,MUCL30257,,
501	550	Absidia	pseudocylindrospora	Fungi	24169		ATCC24169,CBS100.62,IMI240050, ,
502	551	Mucor	oblongiellipticus	Fungi	22784		ATCC22784,CBS568.70,IFO9258, ,
503	552	Cunninghamella	elegans	Fungi	36112		ATCC36112, ,
504	553	Rhizopus	oryzae	Fungi	9374		ATCC9374,BKM F1428,CBS328.47,IMI044245,M, ,
505	554	Rhizopus	oryzae	Fungi	24794		ATCC24794, ,
506	555	Hormoconis	resinae	Fungi	22712		ATCC22712, ,
507	556	Rhizopus	microsporus var.oligosporus	Fungi	22959		ATCC22959,CBS338.62,IFO8631,IMI174457,MU, ,
508	557	Beauveria	nivea	Fungi	34921		ATCC34921,FERM-P2796, ,
509	558	Dekkera	bruxellensis	Yeasts	1587		IFO1587,ATCC34448,CBS73,CCRC21518,DBVPG6, ,
510	559	Saccharomyces	synnaedendra	Yeasts	1604		IFO1604,ATCC22986,CBS6161,CBS869.71,CCRC, JCM7607,IMI344644,NRRLY€"7466,
511	560	Dekkera	bruxellensis	Yeasts	Y-1412		NRRLY-1412,ATCC56461,CBS78,IFO0628,NCYC3, ,
512	561	Dekkera	bruxellensis	Yeasts	Y€"1413		NRRLY€"1413,ATCC10563,CBS75,DBVPG6707,IFO, ,
513	562	Saccharomyces	javanensis	Yeasts	Y-1483		NRRLY-1483,ATCC10628,CBS2555,CCRC21392,D, JCM3707,CBS406.71,
514	563	Eremothecium	gossypii	Fungi	Y-1056		ATCC10895,CBS109.51,NBRC(IFO)1355, ,
515	564	Humicola	insolens	Fungi	126330		IMI126330,ATCC16454, ,
516	567	Scopulariopsis	canadensis	Fungi	86938		CBS204.61,DAOM56303,LSHB(Sc05),LSHB(BB36, ,
517	568	Escherichia	coli	Bacteria	568		CGSC6756, ,
518	569	Escherichia	coli	Bacteria	569		CGSC6813, ,
519	570	Escherichia	coli	Bacteria	570		CGSC6753, ,
520	571	Escherichia	coli	Bacteria	571		CGSC6755, ,
521	572	Escherichia	coli	Bacteria	572		CGSC6763, ,
522	573	Escherichia	coli	Bacteria	573		CGSC6759, ,

523	574	Escherichia	coli	Bacteria	574		CGSC6186, ,
524	575	Escherichia	coli	Bacteria	575		CGSC6760, ,
525	576	Escherichia	coli	Bacteria	576		CGSC4318, ,
526	577	Escherichia	coli	Bacteria	577		CGSC4315, ,
527	578	Escherichia	coli	Bacteria	578		CGSC5015, ,
528	580	Escherichia	coli	Bacteria	580		CGSC4240, ,
529	581	Escherichia	coli	Bacteria	581		CGSC4311, ,
530	582	Escherichia	coli	Bacteria	582		CGSC4312, ,
531	583	Escherichia	coli	Bacteria	583		CGSC4294, ,
532	584	Escherichia	coli	Bacteria	584		CGSC6752, ,
533	585	Escherichia	coli	Bacteria	585		CGSC6758, ,
534	586	Escherichia	coli	Bacteria	586		CGSC6761, ,
535	587	Escherichia	coli	Bacteria	587		CGSC6762, ,
536	588	Escherichia	coli	Bacteria	588		CGSC6754, ,
537	589	Escherichia	coli	Bacteria	589		CGSC6787, ,
538	590	Escherichia	coli	Bacteria	590		CGSC6815, ,
539	591	Escherichia	coli	Bacteria	591		CGSC6814, ,
540	592	Escherichia	coli	Bacteria	592		CGSC5051, ,
541	593	Escherichia	coli	Bacteria	593		CGSC6216, ,
542	594	Escherichia	coli	Bacteria	594		CGSC4245, ,
543	595	Escherichia	coli	Bacteria	595		CGSC4316, ,
544	596	Escherichia	coli	Bacteria	596		CGSC4241, ,
545	597	Escherichia	coli	Bacteria	597		CGSC4242, ,
546	598	Escherichia	coli	Bacteria	598		CGSC4243, ,
547	599	Escherichia	coli	Bacteria	599		CGSC4244, ,
548	600	Escherichia	coli	Bacteria	600		CGSC259, ,
549	601	Paecilomyces	lilacinus	Fungi	117109		IMI117109,ATCC13357,QM1034, ,
550	602	Rhizopus	homothallicus	Fungi	42221		ATCC42221,CBS336.62,IMI089714,LSHB(BB415, ,
551	603	Cunninghamella	homothallica	Fungi	16161		ATCC16161,CBS168.53,DSM1156,NBRC(IFO)673, ,
552	604	Memnoniella	echinata	Fungi	11973		ATCC11973,AMC37,DAOM7133,DSM3409,IFO3100, MUC10921,NCIM1042,NRRL2373,QM1225, ,
553	605	Neocosmospora	striata	Fungi	210879		IMI210879,ATCC34720,CBS105.77,NHL2745,IF, ,
554	606	Pestalotiopsis	gracilis	Fungi	69749		IMI69749, ,
555	607	Spegazzinia	intermedia	Fungi	164738		IMI164738, ,
556	608	Pilobolus	crystallinus	Fungi	14499		ATCC14499,CBS272.31, ,
557	609	Agrobacterium	tumefaciens	Bacteria	33970		ATCC33970, ,
558	610	Bacillus	amyloliquefaciens	Bacteria	23842		ATCC23842, ,
559	611	Ambrosiozyma	monospora	Yeasts	Y-5955		NRRLY-5955,ATCC14628,CBS5514,IFO1965, ,
560	612	Cephaloscypha	fragrans	Fungi	60759		ATCC60759, ,
561	613	Epidermophyton	floccosum var. nigricans	Fungi	26072		ATCC 26072, ,

562	614	Escherichia	coli	Bacteria			
563	615	pMS282	(in E.coli)	Plasmids	MS 2282		
564	616	Rhizobium	sp.	Bacteria			
565	617	Pseudomonas	oleovorans	Bacteria	10692		NCTC10692,ATCC 8062,DSM1045,NCI B6576,NCMB, ,
566	618	Klebsiella	pneumoniae ssp.pneumoniae	Bacteria	11228		NCTC11228,ATCC 29665,BRL1003, ,
567	619	Bacillus	tequilensis	Bacteria	8236		NCTC8236,ATCC1 1774,NCIB8739, ,
568	620	Pantoea	agglomerans	Bacteria	10602		NCTC10602, ,
569	621	Enterobacter	gergoviae	Bacteria	11434		NCTC11434,ATCC 33028,CIP76.01,DS M9245,JCM, ,
570	622	Stilbum	buloloense	Fungi	163004		IMI 163004, ,
571	623	Debaryomyces	vanrijiae var.vanrijiae	Yeasts	10028		IFO10028,ATCC26 068,CBS6454,JCM 6187,NRRLY, VKMY-1555,
572	624	Candida	blankii	Yeasts	1973		IFO1973,ATCC285 32,CBS6734,IGC51 41,NRRLY-, ,
573	625	Debaryomyces	nepalensis	Yeasts	1428		IFO1428,ATCC224 63,CBS5921,JCM2 095,NRRLY-, ,
574	626	Debaryomyces	maramus	Yeasts	668		IFO0668,ATCC116 27,CBS1958,JCM1 528,NCYC38, ,
575	627	Hanseniaspora	vineae	Yeasts	1412		IFO1412,CBS2568, JCM2183, ,
576	628	Hanseniaspora	occidentalis	Yeasts	1819		IFO1819,ATCC320 53,CBS2592,CCRC 21358,DBVP, VKMY€211,
577	629	Ogataea	methanolica	Yeasts	1909		IFO1909,ATCC460 71,CBS8002,CCRC 21367,IAM1, NRRLY-11993,
578	630	Pichia	cactophila	Yeasts	10017		IFO10017,ATCC34 932,CBS6926,CCR C22204,IGC, NCYC 1492,NRRLY-1096 3,UCD76-243A,
579	631	Kluyveromyces	marxianus var.marxianus	Yeasts	8		IFO0008,ATCC492 2,CBS1970,CCRC2 1742,DBVPG, VKMY-922,
580	632	Metschnikowia	pulcherrima	Yeasts	1678		IFO1678,ATCC184 06,CBS5833,CCRC 22084,DBVP, NRR LY-7111,UCD214,
581	633	Pichia	bispora	Yeasts	803		IFO0803,ATCC106 27,CBS1890,CCRC 20468,DSM6, NCY C494,NRRLY-1482 ,
582	634	Aspergillus	oryzae	Fungi	MM1		
583	635	Aspergillus	sydowii	Fungi	PDASL1		
584	636	Fusarium	lateritium	Fungi	PDA SL 2		
585	637	Metschnikowia	bicuspidata var. bicuspidata	Yeasts	1408		IFO1408, ,

586	638	Williopsis	saturnus var. subsp. sufficiens	Yeasts	1466		IFO1466, ATCC18941, CBS5763, CCRC 21766, JCM3, ,
587	639	Metschnikowia	krissii	Yeasts	1677		IFO1677, ATCC22301, CBS4823, IGC2895, NRRLY-, ,
588	640	Pichia	fabianii	Yeasts	1253		IFO1253, CBS5481, NRRLY-6710, ,
589	641	Tetrapisispora	phaffii	Yeasts	1672		IFO1672, ATCC24235, CBS4417, NRRLY-8282, UCD, ,
590	642	Issatchenkia	occidentalis	Yeasts	1904		IFO1904, ATCC28527, CBS5459, CCRC 21654, JCM1, ,
591	643	Issatchenkia	orientalis	Yeasts	1279		IFO1279, ATCC24210, CBS5147, CCRC 21839, DBVP, NRRLY-7551, ,
592	644	Issatchenkia	terricola	Yeasts	993		IFO0993, ATCC22306, CBS2617, CCRC 21417, JCM1, NRRLY-7725, ,
593	645	Bacillus	mycoides	Bacteria	7586		NCTC7586, ,
594	647	Pseudomonas	aeruginosa	Bacteria	8203		NCTC 8203, ,
595	648	Ralstonia	pickettii	Bacteria	11149		NCTC11149, ATCC 27511, CBS62797, CIP73.23, DS, ,
596	649	Pichia	fabianii	Yeasts	1254		IFO1254, ,
597	650	Hanseniaspora	osmophila	Yeasts	631		IFO0631, ATCC10635, ATCC24233, CBS106, DBVPG, NCYC31, NRRLY-1381, ,
598	651	Ambrosiozyma	platypodis	Yeasts	1471		IFO1471, ATCC24748, CBS5660, NRRLY-6106, ,
599	652	Hanseniaspora	occidentalis	Yeasts	1096		IFO1096, ATCC24174, CBS284, NCTC489, NRRLY-1, UCD55-75, ,
600	655	Streptococcus	pneumoniae	Bacteria	7465		NCTC7465, ATCC33400, DSM20566, ,
601	656	Pasteurella	pneumotropica	Bacteria	8141		NCTC8141, ATCC35419, ,
602	657	Listeria	monocytogenes	Bacteria	7973		NCTC7973, ATCC19111, ,
603	658	Proteus	inconstans	Bacteria	10286		NCTC10286, ATCC 9886, DSM30120, ,
604	659	Cronobacter	sakazakii	Bacteria	9529		NCTC9529, ,
605	660	Salmonella	enterica subsp. arizonae	Bacteria	8297		NCTC8297, ATCC13314, ,
606	661	Klebsiella	pneumoniae subsp. rhinoscleromatis	Bacteria	5046		NCTC5046, ATCC13884, JCM1664, ,
607	662	Morganella	morganii subsp. morganii	Bacteria	235		NCTC235, ATCC25830, DSM30164, IFO 3848, NCIB2, ,
608	663	Eremothecium	gossypii	Fungi	560		NBRC(IFO)0560, ,
609	664	Pseudomonas	fluorescens	Bacteria	1W		
610	665	Pseudomonas	fluorescens	Bacteria	9 AW		
611	666	Pseudomonas	fluorescens	Bacteria	10 AW		
612	667	Pseudomonas	fluorescens	Bacteria	10 CW		

613	668	<i>Pseudomonas</i>	<i>fluorescens</i>	Bacteria	29 W		
614	669	<i>Pseudomonas</i>	<i>fluorescens</i>	Bacteria	39 W		
615	670	<i>Pseudomonas</i>	<i>fluorescens</i>	Bacteria	44 W		
616	671	<i>Pseudomonas</i>	<i>fluorescens</i>	Bacteria	51 W		
617	672	<i>Pseudomonas</i>	<i>putida</i>	Bacteria	9BW		
618	673	<i>Pseudomonas</i>	<i>syringae</i>	Bacteria	Lz4W		
619	674	<i>Pseudomonas</i>	sp.	Bacteria	30W		
620	675	<i>Sphingobacterium</i>	<i>antarcticum</i>	Bacteria	4BY		
621	676	<i>Flavobacterium</i>	<i>antarcticum</i>	Bacteria	6BY		
622	677	<i>Kocuria</i>	<i>rosea</i>	Actinomycetes	37R		
623	678	<i>Kocuria</i>	<i>rosea</i>	Actinomycetes	45R		
624	679	<i>Kocuria</i>	<i>rosea</i>	Actinomycetes	49R		
625	680	<i>Planococcus</i>	sp.	Bacteria	30Y		
626	681	<i>Planococcus</i>	sp.	Bacteria	Lz30R		
627	682	<i>Arthrobacter</i>	<i>globiformis</i>	Actinomycetes	4B2W		
628	684	<i>Arthrobacter</i>	<i>globiformis</i>	Actinomycetes	19W		
629	685	<i>Arthrobacter</i>	<i>pascens</i>	Actinomycetes	3W		
630	686	<i>Arthrobacter</i>	<i>pascens</i>	Actinomycetes	47W		
631	687	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	7Y		
632	688	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	70R		
633	689	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	19Y		
634	690	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	Lz1Y		
635	691	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	Lz2Y		
636	692	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	Lz3Y		
637	693	<i>Arthrobacter</i>	<i>protophormiae</i>	Actinomycetes	Lz4Y		
638	694	<i>Arthrobacter</i>	sp.	Actinomycetes	15Y		
639	695	<i>Amycolatopsis</i>	<i>lurida</i>	Actinomycetes	B-2430		ATCC14930,DSM43134,DSM43192,NBRC14500,IM, 3091,NBRC14500,NCIB9601,NRRL2430,IFO1450,
640	696	<i>Pseudonocardia</i>	<i>saturnea</i>	Actinomycetes	B-16172		NRRLB-16172,ATCC15809,DSM43195,NCIB9437,, ,
641	697	<i>Streptosporangium</i>	<i>album</i>	Actinomycetes	B-2635		NRRLB-2635,DSM43023,CBS429.61,RIA764,KCC, ,
642	698	<i>Gordonia</i>	<i>rubropertincta</i>	Actinomycetes	25593		ATCC25593,NCTC10668, DSM43248,IMET7372, ,
643	699	<i>Rhodococcus</i>	<i>corynebacteroides</i>	Actinomycetes	14898		ATCC14898,NBRC14404,NCTC10391,NCIB9433,D,IFO14404,
644	700	<i>Corynebacterium</i>	<i>callunae</i>	Actinomycetes	15991		ATCC15991,NRRLB-2244,DSM20147,NCIB10338, ,
645	701	<i>Nesterenkonia</i>	<i>halobia</i>	Actinomycetes	21727		ATCC21727,DSM20541,CCM2591, ,
646	702	<i>Arthrobacter</i>	sp.	Actinomycetes	15112		ATCC15112,DSM20161, ,
647	703	<i>Streptomyces</i>	<i>candidus</i> subsp. <i>azaticus</i>	Actinomycetes	29755		ATCC29755, ,
648	704	<i>Pseudonocardia</i>	<i>autotrophica</i>	Actinomycetes	13181		ATCC13181,NCIB8393,IMRU1337,DS

							M43095, ,
649	705	Streptomyces	sp.	Actinomycetes	21869		ATCC21869,NBRC 13298,DSM46484,I MET43654,I, ,
650	706	Streptomyces	lavendulae sub sp.lavendulae	Actinomycetes	8664		ATCC8664,14158,1 9777,DSM40069,N CTC6950,C, JCM4 589,NBRC3177,CC M3010,IFO3177,
651	707	Actinomadura	kijaniata	Actinomycetes	31588		ATCC31588,DSM4 3764,JCM3306,IME T9741,VKMA, ,
652	708	Micromonospor a	echinospora subsp.pallida	Actinomycetes	15838		ATCC15838,DSM4 3817,NBRC14110, NRRL2996,IF, JCM 3133,CBS617.66,K CCA0133,
653	709	Couchioplanes	caeruleus subsp. caeruleus	Actinomycetes	33937		ATCC33937,DSM1 037,DSM43634,IM ET9248,NBRC, KC CA0195,NRRLB532 5,IFO13939,
654	710	Micromonospor a	echinospora	Actinomycetes	27932		ATCC27932, ,
655	711	Actinoplanes	deccanensis	Actinomycetes	21983		ATCC21983,DSM4 3806,JCM3247,KC CA0247, ,
656	712	Oosporidium	margaritiferum	Yeasts	1208		IFO1208,ATCC106 76,CBS2531,CCRC 21536,DSM7, VKMY-816,
657	713	Leucosporidiu m	antarticum	Yeasts	1917		IFO1917,ATCC221 77,CBS5942,NRRL Y-7105,NRR, VKMY-2707,
658	714	Mrakia	frigida	Yeasts	1920		IFO1920,ATCC220 29,CBS5270,NCYC 704,NRRLY-, ,
659	715	Nadsonia	commutata	Yeasts	10029		IFO10029,ATCC58 437,CBS6640,IGC4 210,NRRLY, VKPMY-1244,
660	716	Blastocladiella	britannica	Fungi	28218		ATCC28218, ,
661	717	Cryphonectria	parasitica	Fungi	59815		IMI059815, ,
662	718	Saprolegnia	parasitica	Fungi	22284		ATCC 22284, ,
663	719	Lagenidium	giganteum	Fungi	36492		ATCC 36492, ,
664	720	Fusarium	ventricosum	Fungi			
665	721	Arthrotrys	conoides	Fungi			ATCC44454,CBS26 5.83,DSM2022, ,
666	722	Escherichia	coli	Bacteria	2809		NCIM2809, ,
667	723	Escherichia	coli	Bacteria	H-10407		
668	724	Escherichia	coli	Bacteria	PB-176		
669	725	Escherichia	coli	Bacteria	H-10407-P		
670	726	Escherichia	coli	Bacteria	PB-176-P		
671	727	Escherichia	coli	Bacteria			
672	728	Escherichia	coli	Bacteria	K12S		
673	729	Escherichia	coli	Bacteria	F7		
674	730	Escherichia	coli	Bacteria	BM21		
675	731	Escherichia	coli	Bacteria	BM21		
676	732	Escherichia	coli	Bacteria	LG1522		

677	733	Salmonella	enterica ser. typhi	Bacteria	901		NCTC8393,ATCC10749,ATCC14901, ,
678	734	Salmonella	enterica ser. typhi	Bacteria	H901		NCTC8394, ,
679	735	Salmonella	enterica ser. paratyphi	Bacteria			
680	736	Bacillus	subtilis	Bacteria	*10400		NCTC10400,DSM347,ATCC6633,NCIB8054,PC121, equivalent to MTCC-441
681	737	Staphylococcus	aureus subsp.aureus	Bacteria	7447		NCTC7447,ATCC6538P,NRRLB-313, NCIB8625,CI, ,
682	738	Escherichia	coli	Bacteria	k12J62		
683	739	Escherichia	coli	Bacteria	10418		NCTC10418,NCIB8879,ATCC10536,DSM682, ,
684	740	Staphylococcus	aureus subsp.aureus	Bacteria	6571		NCTC6571,ATCC9144,CCM2107,CIP53154,CN646, NCTC6571,NRRLB-314.,
685	741	Pseudomonas	aeruginosa	Bacteria	10662		NCTC10662,ATCC25668,DSM46358, ,
686	742	Proteus	vulgaris	Bacteria	OX2		NCTC8311, ,
687	743	Proteus	mirabilis	Bacteria	OXK		
688	744	Proteus	vulgaris	Bacteria	OX19		NCTC8313, ,
689	745	Saccharomyces	cerevisiae	Yeasts	YPH1		
690	746	Saccharomyces	cerevisiae	Yeasts	YPH2		
691	747	Saccharomyces	cerevisiae	Yeasts	YPH98		
692	748	Saccharomyces	cerevisiae	Yeasts	YPH102		
693	749	Saccharomyces	cerevisiae	Yeasts	YPH250		
694	750	Saccharomyces	cerevisiae	Yeasts	YPH252		
695	751	Saccharomyces	cerevisiae	Yeasts	YPH274		
696	752	Saccharomyces	cerevisiae	Yeasts	YPH499		
697	753	Saccharomyces	cerevisiae	Yeasts	YPH500		
698	754	Saccharomyces	cerevisiae	Yeasts	YPH501		
699	755	Saccharomyces	cerevisiae	Yeasts	M1.X2928-3D-1A		
700	756	Mycotypha	africana	Fungi	NCIM1230		NCIM1230, ,
701	757	Lophodermium	canberrianum	Fungi	223611		IMI223611, ,
702	758	Saccharomyces	cerevisiae	Yeasts	M2 X2928-3D-1C		
703	759	Saccharomyces	cerevisiae	Yeasts	M3 XJ(U)B1-1B		
704	760	Saccharomyces	cerevisiae	Yeasts	M4 XJ(U)B1-1C		
705	761	Saccharomyces	cerevisiae	Yeasts	M5 X2180-1A		
706	762	Saccharomyces	cerevisiae	Yeasts	M6 X2180-1B		

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707	763	Saccharomyces	cerevisiae	Yeasts	M7 X3127-2A		
708	764	Saccharomyces	cerevisiae	Yeasts	M9 X3104-8C		
709	765	Saccharomyces	cerevisiae	Yeasts	M11 17-17		
710	766	Saccharomyces	cerevisiae	Yeasts	M12 2101-4C		
711	767	Saccharomyces	cerevisiae	Yeasts	M13 X3405-1A		
712	768	Saccharomyces	cerevisiae	Yeasts	spd-59-4A		
713	769	Saccharomyces	cerevisiae	Yeasts	E3-16		
714	770	Saccharomyces	cerevisiae	Yeasts	XE101.1A		
715	771	Saccharomyces	cerevisiae	Yeasts	X3356.1B		
716	772	Saccharomyces	cerevisiae	Yeasts	X3356.1A		
717	773	Saccharomyces	cerevisiae	Yeasts	M46-T1B		
718	774	Saccharomyces	cerevisiae	Yeasts	SUP7		
719	775	Saccharomyces	cerevisiae	Yeasts	SUP8		
720	776	Saccharomyces	cerevisiae	Yeasts	SUP8		
721	777	Saccharomyces	cerevisiae	Yeasts	F391 N289-1B		
722	778	Saccharomyces	cerevisiae	Yeasts	F392 N289-1A		
723	779	Saccharomyces	cerevisiae	Yeasts	F393 N305-42B		
724	780	Saccharomyces	cerevisiae	Yeasts	F394 N305-44A		
725	781	Saccharomyces	cerevisiae	Yeasts	F395 N248-1A		
726	782	Saccharomyces	cerevisiae	Yeasts	F396 N248-1C		
727	783	Saccharomyces	cerevisiae	Yeasts	F397 N259-3C		
728	784	Saccharomyces	cerevisiae	Yeasts	F398 259-7A		
729	785	Saccharomyces	cerevisiae	Yeasts	F399 3654-5A		
730	786	Saccharomyces	cerevisiae	Yeasts	F400 3654-1D		
731	787	Phanerochaete	chrysosporium	Fungi	BKMF-1767		ATCC24725,BKM F-1767,CBS481.73, CECT2798,, NRRL 6361,VTTD-85242, VTTD-86270,
732	788	Sordaria	fimicola	Fungi	2843		FGSC 2843, ,
733	789	Sordaria	fimicola	Fungi	2860		FGSC2860, ,
734	790	Neurospora	crassa	Fungi	3443		FGSC 3443, ,
735	791	Neurospora	crassa	Fungi	2554		FGSC 2554, ,
736	792	Trichoderma	harzianum	Fungi	TH1		IMI 304056, ,

737	793	Trichoderma	viride	Fungi	TV1		IMI 304054, ,
738	794	Trichoderma	virens	Fungi	GV		IMI 304061, ,
739	795	Trichoderma	harzianum	Fungi	TH2		IMI304057, ,
740	796	Trichoderma	koningii	Fungi	TK1		IMI304055, ,
741	797	pJR2	(in E.coli)	Plasmids			FGSC, ,
742	798	pNC2	(in E.coli)	Plasmids			
743	799	pNH60	(in E.coli)	Plasmids			FGSC, ,
744	800	Trichoderma	viride	Fungi	TV2		IMI 304060, ,
745	801	Trichoderma	harzianum	Fungi	TH3		IMI304058, ,
746	802	Nectria	penicillioides	Fungi	63372ii		IMI063372ii, ,
747	803	Emericella	nidulans	Fungi	A279		FGSCA279, ,
748	804	Emericella	nidulans	Fungi	A649		FGSCA649, ,
749	805	Emericella	nidulans	Fungi	A36		FGSCA36, ,
750	806	Emericella	nidulans	Fungi	A230		FGSCA230, ,
751	807	Saccharomyces	cerevisiae	Yeasts	XV610.8C		
752	808	Saccharomyces	cerevisiae	Yeasts	A3		
753	809	Saccharomyces	cerevisiae	Yeasts	A2		
754	810	Saccharomyces	cerevisiae	Yeasts	Kn79		
755	811	Saccharomyces	cerevisiae	Yeasts	EG1-103		
756	812	Saccharomyces	cerevisiae	Yeasts	W301-18A-1A		
757	813	Saccharomyces	cerevisiae	Yeasts	DBY747		
758	814	Saccharomyces	cerevisiae	Yeasts	SHY2		
759	815	Saccharomyces	cerevisiae	Yeasts	6150-2B-5A		
760	816	Emericella	nidulans	Fungi	A268		FGSCA268, ,
761	817	Emericella	nidulans	Fungi	A277		FGSCA277, ,
762	818	Emericella	nidulans	Fungi	A38		FGSCA38, ,
763	819	Emericella	nidulans	Fungi	A725		FGSCA725, ,
764	820	Saccharomyces	cerevisiae	Yeasts	X611		
765	821	Saccharomyces	cerevisiae	Yeasts	4782.4B		
766	822	Saccharomyces	cerevisiae	Yeasts	4782.7B		
767	823	Saccharomyces	cerevisiae	Yeasts	D649		
768	824	Saccharomyces	cerevisiae	Yeasts	S288C		
769	825	Saccharomyces	cerevisiae	Yeasts	D286-2A		
770	826	Saccharomyces	cerevisiae	Yeasts	D273-11A		
771	827	Saccharomyces	cerevisiae	Yeasts	D517-4B		
772	828	Saccharomyces	cerevisiae	Yeasts	D603-1A		
773	829	Saccharomyces	cerevisiae	Yeasts	D585-11C		

774	830	Saccharomyces	cerevisiae	Yeasts	D587-4B-1		
775	831	Emericella	nidulans	Fungi	A661		FGSCA661, ,
776	832	Emericella	nidulans	Fungi	A610		FGSCA610, ,
777	833	Emericella	nidulans	Fungi	A611		FGSCA611, ,
778	834	Emericella	nidulans	Fungi	A612		FGSCA612, ,
779	835	Escherichia	coli	Bacteria	S17.1		
780	836	pDPT51	(in E.coli JB117)	Plasmids	JB117		
781	838	pGS9	(in E.coli JB110)	Plasmids	JB110		
782	839	Listeria	monocytogenes	Bacteria	10357		NCTC10357,ATCC 15313,DSM20600, ,
783	840	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	10460		NCTC10460, ,
784	841	Calonectria	colhounii	Fungi	167581		IMI167581, ,
785	842	Saccharomyces	cerevisiae	Yeasts	M32 X4119-19C		
786	843	Saccharomyces	cerevisiae	Yeasts	M36 STX66-4A		
787	844	Saccharomyces	cerevisiae	Yeasts	M38 X4125B-17B		
788	845	Saccharomyces	cerevisiae	Yeasts	M43 X4127-15C		
789	846	Saccharomyces	cerevisiae	Yeasts	M49 STX81-11D		
790	847	Saccharomyces	cerevisiae	Yeasts	M50 P65		
791	848	Saccharomyces	cerevisiae	Yeasts	M51 ts 327		
792	849	Debaryomyces	hansenii var.hansenii	Yeasts	53		
793	850	Rhodotorula	mucilaginosa var.mucilaginosa	Yeasts	34		
794	851	Rhodotorula	mucilaginosa var.mucilaginosa	Yeasts	25		
795	852	Rhodotorula	mucilaginosa var.mucilaginosa	Yeasts	33B1		
796	854	Candida	albicans	Yeasts	NCIM3255		NCYC854, ,
797	855	Neurospora	crassa	Fungi	2555		FGSC2555, ,
798	856	Neurospora	crassa	Fungi	3425		FGSC3425, ,
799	857	Neurospora	crassa	Fungi	3426		FGSC3426, ,
800	858	Neurospora	crassa	Fungi	746		FGSC746, ,
801	859	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	23715		ATCC23715,NCTC 10598, ,
802	860	Bacillus	alcalophilus	Bacteria	27647		ATCC27647,NCTC 4553,NCIB9772, ,
803	861	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	9610		ATCC9610,DSM47 80, ,
804	862	Jonesia	denitrificans	Bacteria	10816		NCTC10816,ATCC 14870,DSM20603, ,
805	863	Pseudomonas	stutzeri	Bacteria	MB405		
806	864	Bacillus	sp.	Bacteria	31382		ATCC31382, ,
807	865	Bacillus	halodurans	Bacteria	27557		ATCC27557,DSM4 97, ,

808	867	Leuconostoc	mesenteroides subsp.mesente roides	Bacteria	10817		NCTC10817,NCIB8 710,NCDO796,CC M1886,DSM20, ATCCC10830a,
809	868	Bacillus	thuringiensis subsp.kurstaki	Bacteria	BA83B		
810	869	Bacillus	thuringiensis su bsp.israelensis	Bacteria	BA63B		
811	870	Aspergillus	fumigatus	Fungi			
812	871	Aspergillus	flavus	Fungi			
813	872	Aspergillus	niger	Fungi			
814	873	Aspergillus	flavus	Fungi			
815	874	Neurospora	crassa	Fungi	5142		FGSC5142, ,
816	875	Neurospora	crassa	Fungi	5143		FGSC5143, ,
817	876	Neurospora	crassa	Fungi	2225		FGSC2225, ,
818	877	Neurospora	intermedia	Fungi	435		FGSC435, ,
819	878	Neurospora	crassa	Fungi	327		FGSC327, ,
820	879	Bacillus	circulans	Bacteria	14175		ATCC14175,NCIB1 0001, ,
821	880	Bacillus	circulans	Bacteria	15518		ATCC15518, ,
822	881	Bacillus	circulans	Bacteria	15519		ATCC15519, ,
823	882	Neurospora	crassa	Fungi	1459		FGSC1459, ,
824	883	Trichoderma	flavofuscum	Fungi	13308		ATCC13308,MUCL 7578,MUCL7995,C BS248.59,DA, IMI100714,QM7719 ,
825	884	Blakeslea	trisporea(+)	Fungi	1254		DSM1254, ,
826	885	Acrophialophor a	levis	Fungi	22557		ATCC22557,CBS48 4.70, ,
827	886	Acremonium	chrysogenum	Fungi	880		DSM880,ATCC115 50,ATCC14553,CB S779.69,IMI, ,
828	887	Zygorhynchus	moelleri	Fungi	63541		DSM63541, ,
829	890	Streptococcus	mutans	Bacteria	GS5		
830	891	Zygosporium	masonii	Fungi	20011		ATCC20011, ,
831	892	Metarhizium	anisopliae	Fungi	26852		ATCC26852, ,
832	893	Benjaminiella	multispora	Fungi			ATCC58763,CBS42 1.70,IMI234109, ,
833	894	Sphaceloma	barleriicola	Fungi	92310		ATCC14658,CBS47 1.62,HACC137, ,
834	895	Gymnopilus	junonius	Fungi	46151		ATCC46151, ,
835	896	Marasmiellus	ramealis	Fungi	38362		ATCC38362, ,
836	898	Emericellopsis	minima	Fungi	11661		ATCC11661,CBS18 1.56,DAOM64321,, NBRC(IFO)9039,IM I58330,
837	899	Acremonium	kiliense	Fungi	34716		ATCC34716,CBS12 2.29, ,
838	900	Marasmius	alliaceus	Fungi	48571		ATCC48571, ,
839	901	Escherichia	coli	Bacteria	13534		ATCC13534, ,
840	902	Staphylococcus	aureus subsp.aureus	Bacteria	12598		ATCC12598,NCTC 8530, ,
841	903	Lactobacillus	fermentum	Bacteria	9338		ATCC9338,NCIB69 91,NCIB8028,NCT C6991, ,
842	905	Rhizobium	trifolii	Bacteria	ANU843		

843	906	Rhizobium	trifolii	Bacteria	ANU845		
844	907	Rhodococcus	fascians	Actinomycetes	20131		DSM20131,ATCC12975,NCPPB3836,
845	908	Brevibacterium	albidum	Actinomycetes	20512		DSM20512,ATCC15831,NCIB11030,CM2296,IAM, ,
846	909	Arthrobacter	polychromogen s	Actinomycetes	342		DSM342,ICPB2568AN, ,
847	910	Promicromonospora	citrea	Actinomycetes	43110		DSM43110,ATCC15908, ,
848	911	Lactobacillus	delbrueckii subsp.lactis	Bacteria	4797		ATCC4797,ATCC7831,DSM20076, ,
849	912	Escherichia	coli	Bacteria	JM 109		
850	913	pKT240	(in E.coli)	Plasmids	pKT240 in E.col		
851	914	pACYC 184–Mob ::Tn5	(in E.coli ANU1041)	Plasmids	ANU1041		
852	915	pRK2013	(in E.coli ANU1073)	Plasmids	ANU1073		
853	916	pMN40 (12kB)	(in E.coli JM109)	Plasmids	JM109		
854	917	Hyalodendron	lignicola	Fungi	1877		DSM1877, ,
855	918	Mucor	indicus(+)	Fungi	2185		DSM2185,BKM F–1431,CBS226.29,CCF2013,IMI, ,
856	919	Rhizopus	microsporus var. chinensis	Fungi	2195		ATCC11559,BKM F–1091,CBS344.29,DSM2195, ,
857	921	Emericellopsis	synnematicola	Fungi	16540		ATCC16540,CBS176.60,IMI081600, ,
858	922	Agrocybe	cylindracea	Fungi	36045		ATCC36045, ,
859	923	Phycomyces	blakesleeanus(–)	Fungi	1359		DSM1359,ATCC8743b,IFO5822,IFO5871,NCIM97,PRL1481,
860	924	Streptomyces	albaduncus	Actinomycetes	40478		DSM40478,NBRC13397,ATCC14698,CBS698.72,I, KCCS0715,RIA1358,IFO13397,
861	925	Streptomyces	alboniger	Actinomycetes	40043		DSM40043,ATCC12461,ATCC19722,CBS461.68,N,RIA1003,IFO12738,
862	926	Streptomyces	griseocarneus	Actinomycetes	40577		DSM40577,ATCC27464,CBS772.72,NBRC13471,I, NRRLB–2974,IFO13471,
863	927	Nocardia	asteroides	Actinomycetes			
864	928	Rhodococcus	rhodochrous	Actinomycetes			
865	929	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes			
866	930	Micromonospora	echinospora	Actinomycetes	1039		DSM1039,NRRLB–5326,ATCC27932, ,
867	931	Streptomyces	achromogenes subsp.achromogenes	Actinomycetes	40028		DSM40028,ATCC12767,ATCC19719,CBS458.68,I, NBR C12735,JCM4121,I SP5028,PSA209,RIA1000,
868	932	Streptomyces	albidoflavus	Actinomycetes	40455		DSM40455,ATCC25422,NBRC13010,J

							CM4446,CBS, ISP5 455,NRRLB-1271, RIA1202,IFO13010,
869	933	Penicillium	roquefortii	Fungi	10110		ATCC10110,ATCC 1129,CBS221.30,IF O5459,IMI, NCTC5 88,NCIM712,NRRL 849,QM1937,
870	934	Pestalotia	foedans	Fungi	11817		ATCC11817,DSM8 49,QM795, ,
871	935	Pseudofusarium	fusarioideum	Fungi	20375		ATCC20375, ,
872	936	Trichoderma	harzianum	Fungi	60850		ATCC60850, ,
873	937	Cyathus	stercoreus	Fungi	1674		DSM1674,ATCC36 910, ,
874	938	Thermoactinomyces	vulgaris	Actinomycetes	43649		ATCC43649,DSM4 3016,CBS505.77,C UB250,DSM4, JCM 3162,KCCA0162,
875	940	Mycobacterium	smegmatis	Actinomycetes	SM10		
876	941	Mycobacterium	smegmatis	Actinomycetes	SM19		
877	942	Mycobacterium	smegmatis	Actinomycetes	SM33		
878	943	Mycobacterium	smegmatis	Actinomycetes	SM42		
879	944	Arthrobacter	globiformis	Actinomycetes	8010		ATCC8010,DSM20 124,NCIB8907, ,
880	945	Trichosporon	brassicae	Yeasts	6382		CBS6382,AJ4833,A TCC24124,CCRC2 1783,IFO15, UAMH7657,
881	946	pLEU93	(in E.coli MC1061)	Plasmids	MC1061		
882	947	Penicillium	chrysogenum	Fungi	28089		ATCC28089,DSM1 075, ,
883	948	Valsaria	rubricosa	Fungi	24940		ATCC24940, ,
884	949	Aspergillus	panamensis	Fungi	16797		ATCC16797,CBS12 0.45,IMI019393iii, ,
885	950	Chaetomella	oblonga	Fungi	12718		ATCC12718, ,
886	951	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes	SM2		
887	952	Mycobacterium	smegmatis	Actinomycetes	SM34		
888	953	Mycobacterium	smegmatis	Actinomycetes	SM21		
889	954	Mycobacterium	vaccae	Actinomycetes	NIHJ1637		
890	955	Thermoactinomyces	sacchari	Actinomycetes	43356		DSM43356,ATCC2 7375,CBS701.70,IF O13920,NC, ,
891	956	Lecanicillium	lecanii	Fungi	46578		ATCC46578, ,
892	957	Volvariella	volvacea	Fungi	22377		ATCC22377,NCIM1 178, ,
893	958	Microbispora	mesophila	Actinomycetes	43048		DSM43048,ATCC2 7303,KCCA0151, ,
894	959	Micromonospora	sp.	Actinomycetes	43172		DSM43172,ATCC2 7331,NBRC14656, KCCA0129,JC, IFO14656,
895	960	Oerskovia	turbata	Actinomycetes	20577		DSM20577,DSM43 880,JCM3160,ATC C25835,NCIB, ,
896	961	Aspergillus	tubingenis	Fungi	11394		ATCC11394,CBS13 0.52,IMI076837, ,
897	962	Aspergillus	caespitosus	Fungi	11256		ATCC11256,CBS10

							3.45,IMI16034, IMI16034ii, ,
898	963	Actinomucor	elegans	Fungi	22814		ATCC22814, NBRC(IFO)6408, ,
899	964	Microbispora	sp.	Actinomycetes	84		
900	965	Microtetraspora	sp.	Actinomycetes	87		
901	966	Streptomyces	sp.	Actinomycetes	110		
902	967	Microtetraspora	sp.	Actinomycetes	127		
903	970	Streptomyces	sp.	Actinomycetes	93		
904	971	Trichothecium	roseum	Fungi	860		DSM860,ATCC868 5,IFO6157,IMI0579 73,NRRL16, ,
905	972	Agaricus	campestris	Fungi	26815		ATCC26815,NBRC(IFO)8103, ,
906	973	Rhizomucor	pusillus	Fungi	1331		DSM1331, ,
907	974	Thamnostylum	piriforme	Fungi	2037		DSM2037,QM6945, ,
908	975	Ampelomyces	quisqualis	Fungi	2222		DSM2222, ,
909	976	Emericella	rugulosus	Fungi	16820		ATCC16820,CBS13 3.60,IMI136775, ,
910	977	pWW60-22 (85-86Kb)	(in P.putida PaW736)	Plasmids	12199		NCIB12199,DSM43 02, ,
911	978	pWW60-1 (87Kb)	(in P.putida PaW701)	Plasmids	12198		NCIB12198,DSM39 38, ,
912	979	pWVO (117Kb)	(in P.putida mt-2 PaW1)	Plasmids	12182		NCIB12182,DSM39 31,ATCC33015, ,
913	980	Chaetomium	virescens	Fungi	32319		ATCC32319,CBS54 7.75,IMI185905, ,
914	981	Boletus	edulis	Fungi	34620		ATCC34620,CBS45 5.69, ,
915	982	Absidia	glauca(+)	Fungi	811		DSM811,ATCC200 93, ,
916	983	Amylomyces	rouxii	Fungi	42543		CBS438.76, ,
917	984	Beauveria	bassiana	Fungi	7159		ATCC7159,CBS209 .27,DSM1344, ,
918	985	Gongronella	lacrispora	Fungi	1169		DSM1169,ATCC24 412,CBS244.62,NR RL2643, ,
919	986	Neurospora	tetrasperma	Fungi	1261		DSM1261,FGSC12 70, ,
920	987	Culicinomyces	clavisporus	Fungi	46258		ATCC46258, ,
921	988	Chalara	aurea	Fungi	12720		ATCC12720, ,
922	989	Tolypocladium	inflatum	Fungi	63544		DSM63544, ,
923	990	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes	SM3		
924	991	Mycobacterium	smegmatis	Actinomycetes	SM13		
925	992	Mycobacterium	smegmatis	Actinomycetes	SM22		
926	993	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes	NIHJ1615		
927	994	Mycobacterium	smegmatis	Actinomycetes	NIHJ1628		
928	995	Mycobacterium	smegmatis	Actinomycetes	SM39		
929	996	Mycobacterium	smegmatis	Actinomycetes	SM38		
930	997	Mycobacterium	vacciae	Actinomycetes	SM69		
931	998	Candida	parapsilosis	Yeasts	13		
932	999	Wickerhamomyces	anomalus	Yeasts	20		

933	1000	Candida	tropicalis	Yeasts	21		
934	1001	Clavispora	lusitaniae	Yeasts	43		
935	1002	Phycomyces	blakesleeanus(+)	Fungi	1360		DSM1360, ,
936	1003	Cladosporium	cladosporioides	Fungi	62121		DSM62121, ,
937	1004	Ceratocystis	paradoxa	Fungi	63054		DSM63054, ,
938	1005	Pichia	guilliermondii	Yeasts	8		
939	1006	Zygoascus	hellenicus	Yeasts	10		
940	1007	Candida	fructus	Yeasts	11		
941	1008	Aspergillus	sclerotiorum	Fungi	870		DSM870,ATCC16892,CBS549.65,NBR C(IFO)7542, ,
942	1009	Fusarium	concolor	Fungi	62179		DSM62179,CBS183.34,IMI112502, ,
943	1010	Crivellia	papaveracea	Fungi	62545		DSM62545,CBS208.50, ,
944	1011	Cylindrocarpon	olidum var.olidum	Fungi	62520		DSM62520,ATCC16548,CBS215.67,IMI116873, ,
945	1012	Eupenicillium	abidjanum	Fungi	2207		DSM2207,CBS513.74,NBRC(IFO)9712, ,
946	1013	Penicillium	citreonigrum	Fungi	2205		DSM2205,ATCC22347,BKM F-1077,CBS414.69,F, ,
947	1014	Neurospora	tetrasperma	Fungi	1262		DSM1262,FGSC1271, ,
948	1015	Neurospora	crassa	Fungi	2038		FGSC2038, ,
949	1016	Neurospora	crassa	Fungi	2039		FGSC2039, ,
950	1017	Neurospora	crassa	Fungi	3952		FGSC3952, ,
951	1018	Chondrostereum	purpureum	Fungi	427.72		CBS427.72, ,
952	1019	Chaetomium	cochliodes	Fungi	1909		DSM1909,ATCC10195,DSM831, ,
953	1020	Antrodia	juniperina	Fungi	117.4		CBS117.40,ATCC12420, ,
954	1021	Bjerkandera	fumosa(+)	Fungi			CBS213.32, ,
955	1022	Gloeophyllum	sepiarium	Fungi	353.74		CBS353.74, ,
956	1023	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes	SM25		
957	1024	Fomitopsis	pinicola	Fungi	314.82		CBS314.82,DSM4957, ,
958	1025	Daldinia	concentrica	Fungi	139.73		CBS139.73, ,
959	1026	Schizosaccharomyces	octosporus	Yeasts	427		NCYC427, ,
960	1027	Endomyces	fibuliger	Yeasts	485		NCYC485, ,
961	1028	Debaryomyces	robertsiae	Yeasts	613		NCYC613,ATCC22312,CBS2934,CCR C21400,DBVP, NRRLY-6670,
962	1029	Cryptococcus	marinus	Yeasts	784		NCYC784,ATCC22974,CBS5235,CCR C21546,IFO1, NRR LY-12945,NRRLY-17369,
963	1030	Candida	entomophila	Yeasts	1397		NCYC1397,ATCC22939,CBS6160,CC RC21608,DBV, JC M9607,NRRLY-778

							3,
964	1031	Bjerkandera	fumosa(-)	Fungi			CBS214.32, ,
965	1032	Hymenochaete	rubiginosa	Fungi	237.39		CBS237.39, ,
966	1033	Drechslera	graminea	Fungi	63589		DSM63589, ,
967	1034	Pseudomonas	aeruginosa	Bacteria	US-1		
968	1035	Pseudomonas	aeruginosa	Bacteria	P.diff		
969	1036	Pseudomonas	aeruginosa	Bacteria	B-2		
970	1037	Colletotrichum	acutatum	Fungi	165753		IMI165753, ,
971	1038	Echinodontium	tinctorium	Fungi	162.29		CBS162.29, ,
972	1039	Ganoderma	lucidum	Fungi	430.84		CBS430.84, ,
973	1040	Phlebiopsis	gigantea	Fungi	429.72		CBS429.72, ,
974	1041	Verticillium	albo-atrum	Fungi	63075		DSM63075,IMB7619, ,
975	1042	Fomes	fomentarius	Fungi	312.82		CBS311.82, ,
976	1043	Lentinus	tigrinus	Fungi	248.39		CBS248.39, ,
977	1044	Fibroporia	vallantii	Fungi	144.66		CBS144.66, ,
978	1046	Microbispora	rosea subsp. rosea	Actinomycetes	D164		DSM43164,NRRLB2637,CBS303.61,KCCA0021,RI, ,
979	1047	Micromonospora	aurantiaca	Actinomycetes	DM56		DSM43813,ATCC27029,NBRC14068,JC3232,CBS, NBR C16125,IMET8216,INA9442,VKMAc613,KCCA, ,
980	1048	Microbispora	rosea subsp.rosea	Actinomycetes	D165		DSM43165,JCM3022,KCCA0022,NRRLB2634, ,
981	1049	Micromonospora	chalcea	Actinomycetes	DM36		
982	1050	Streptosporangium	pseudovulgare	Actinomycetes	Tw004		DSM43181,ATCC27100,CBS3881.70,KCCA-0115, ,
983	1051	Microbispora	rosea subsp.rosea	Actinomycetes	G29		
984	1052	Micromonospora	rosaria	Actinomycetes	DM28		DSM803,ATCC29337,JCM315,NRRL3718, ,
985	1054	Micromonospora	carbonacea subsp.aurantiaca	Actinomycetes	DM48		NRRLB-2997,ATCC27115,DSM43815,NBRC14107,, KCC A0168,NRRL2997,IFO14107, ,
986	1055	Micromonospora	nigra	Actinomycetes	DM50		NRRLB3097,ATCC33088,DSM43818, ,
987	1056	Planomonospora	venezulensis	Actinomycetes	T033		DSM43178,ATCC23865,KCCA0167, ,
988	1057	Nonomuria	salmonea	Actinomycetes	D678		DSM43678,ATCC33580,INA2488, ,
989	1058	Streptosporangium	roseum	Actinomycetes	Tw005		DSM43021, ,
990	1059	Nonomuraea	ferruginea	Actinomycetes	A199		DSM43553,ATCC35575,NBRC14094,IMET9567,JC, NRRLB16096,IFO14094, ,
991	1060	Wardomyces	inflatus	Fungi	448.63		CBS448.63,ATCC15230,DAOM84714,IMI099752,, ,
992	1061	Allomyces	reticulatus	Fungi	42465		ATCC42465, ,

993	1062	Neolentinus	schaefferi	Fungi	135.75		CBS135.75, ,
994	1063	Lentinula	edodes	Fungi	135.85		CBS135.85, ,
995	1065	Nonomuraea	spiralis	Actinomycetes	A195		
996	1067	Laetiporus	sulphureus	Fungi	592.82		CBS592.82, ,
997	1068	Coniophora	puteana	Fungi	132.71		CBS132.71, ,
998	1069	Hexagonia	variegata	Fungi	289.51		CBS289.51, ,
999	1070	Planobispora	longispora	Actinomycetes	Tw32		DSM43041,ATCC23867,CBS115.69,NBRC13918,I, JCM3092,KCCA0092,IFO13918,
1000	1071	Microbispora	rosea subsp.rosea	Actinomycetes	Tw28		

SR.	MTC NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
1001	1072	Pseudomonas	putida	Bacteria			DSM4476, ,
1002	1073	Debaryomyces	hansenii var.hansenii	Yeasts	Y-245		NRRLY-245,ATCC 10539, ,
1003	1074	Candida	inconspicua	Yeasts	Y-2029		NRRLY-2029,ATC C16783,CBS180,C CRC21658,DB, JC M9555,VKMY-740,
1004	1075	Pichia	fermentans	Yeasts	Y-97		NRRLY-97,ATCC2 146, ,
1005	1076	Dipodascus	ovetensis	Yeasts	Y-1523		NRRLY-1523,ATC C10678,CBS2544, CBS634.85,D, ,
1006	1077	Pachysolen	tannophilus	Yeasts	Y-2460		NRRLY-2460,ATC C32691,CBS4044, CCRC20329,D, MU CL31901,NCYC614 ,
1007	1078	Saccharomyces	capsularis	Yeasts	Y-7486		NRRLY-7486,CBS 5063,HUT7236,IFO 0672,JCM36, NRRLY-7486.,
1008	1079	Trichosporon	pullulans	Yeasts	Y-1522		NRRLY-1522,ATC C10677,CBS2532, CCRC22318,D, NC YC477,UAMH7672,
1009	1080	Williopsis	californica	Yeasts	Y-1680		NRRLY-1680,ATC C18118,CBS5760, CCRC21733,I, NCYC496,
1010	1081	Zygosaccharomyces	bisporus	Yeasts	Y-7558		NRRLY-7558,ATC C52405,CBS702,C CRC21505,DB, NC YC1495,NRRLY-76 83,NRRLY-12626, UCD66-24,
1011	1082	Junghuhnia	nitida	Fungi	842.72		CBS842.72, ,
1012	1083	Lenzites	betulina	Fungi	245.66		
1013	1084	Sordaria	macrospora	Fungi	997		DSM997, ,
1014	1085	Ulocladium	atrum	Fungi	63068		DSM63068,IMB122 40, ,
1015	1086	Spongipellis	unicolor	Fungi	117.16		CBS117.16, ,
1016	1087	Trametes	incerta	Fungi	455.76		CBS455.76,ATCC2 6751, ,
1017	1088	Phanerochaete	sanguinea	Fungi	251.32		CBS251.32, ,
1018	1089	Escherichia	coli	Bacteria	CSR603		
1019	1090	Monascus	purpureus	Fungi	1604		DSM1604,ATCC16 367,CBS288.34,IF O4484, ,
1020	1091	Trametes	ochracea	Fungi	257.74		CBS257.74, ,
1021	1092	Dactylella	oviparasitica	Fungi	38908		ATCC38908, ,
1022	1093	Cryptococcus	amyloletus	Yeasts	Y-7784		NRRLY-7784,ATC C56469,CBS6039,I FO10423,JC, ,
1023	1094	Ambrosiella	sulfurea	Fungi	1501		DSM1501,ATCC18 095,CBS380.68, ,
1024	1095	Rigidoporus	ulmarius	Fungi	443.76		CBS443.76,ATCC2 6709, ,
1025	1096	Schizophyllum	commune	Fungi	341.81		CBS341.81,ATCC4 4200, ,

1026	1097	Rhodotus	palmatus	Fungi	597.79		CBS597.79, ,
1027	1098	Sistotrema	brinkmannii	Fungi	463.86		CBS463.86, ,
1028	1099	Stereum	hirsutum	Fungi	473.72		CBS473.72, ,
1029	1100	Xylaria	polymorpha	Fungi	487.61		CBS487.61, ,
1030	1101	Postia	tephroleuca	Fungi	453.5		
1031	1102	Nocardiopsis	dassonvillei	Actinomycetes	ISP5464		ISP5464,ATCC23612,CBS693.72,DSM40465,NBR,IFO13392,
1032	1103	Saccharopolyspora	erythraea	Actinomycetes	ISP5517		ISP5517,ATCC11635,DSM40517,NBR C13426,JCM, DSM41036,ISP5517,NCI B8594,NRRL2338,RIA13,
1033	1104	Streptomyces	canescens	Actinomycetes			ATCC19736,ATCC15731,CBS474.68,DSM41156,D, NBR C12751,NRRL2419,RIA1016,ISP5001,IFO12,
1034	1105	Streptomyces	hygroscopicus subsp.hygroscopicus	Actinomycetes			ISP5578,ATCC27438,DSM40578,DSM41148,RIA1, NRRL B2387,CBS773.72,NBRC13472,IFO13472,
1035	1106	Phellinus	fastuosus	Fungi	248.5		CBS248.50, ,
1036	1107	Inonotus	glomeratus	Fungi	308.39		CBS308.39, ,
1037	1108	Leptoporus	mollis	Fungi	681.82		CBS681.82, ,
1038	1109	Venturia	inaequalis	Fungi	1002		DSM1002, ,
1039	1110	Sphaerobolus	stellatus	Fungi	1028		DSM1028, ,
1040	1111	Botryotinia	convoluta	Fungi	62087		DSM62087, ,
1041	1112	Antrodia	xantha	Fungi	155.79		CBS155.79, ,
1042	1116	Oxyporus	ravidus	Fungi	VBMH871424		
1043	1117	Gloeophyllum	striatum	Fungi	VBMH8471		
1044	1118	Trametes	gibbosa	Fungi	VBMH66513		
1045	1119	Hexagonia	tenuis	Fungi	AM26		
1046	1120	Actinomadura	madurae	Actinomycetes	14623		IFO14623,NBRC14623,DSM3067,ATCC19425,JCM, IMRU 1190,CCM136,IIM14277,NBRC13909,IFO13,
1047	1121	Nonomuraea	pusilla	Actinomycetes	14684		NBRC14684,DSM43357,ATCC27296,CBS262.72,K, ,
1048	1122	Aspergillus	oryzae	Fungi			
1049	1123	Tubercularia	vulgaris	Fungi			
1050	1125	Sclerotinia	minor	Fungi	63016		DSM63016,IMB7623, ,
1051	1128	pCCP-3	(in E.coli Ag1)	Plasmids	pCPP-3		
1052	1129	pSP-100	(in E.coli Ag1)	Plasmids	pSP-100		
1053	1130	pSP-200	(in E.coli HB101)	Plasmids	pSP-200		
1054	1131	pSP-200	(in E.coli HB101)	Plasmids	pSP-300		
1055	1132	pSP-300	(in B.subtilis BD-170)	Plasmids	pSP-300		

1056	1133	Bacillus	subtilis	Bacteria	BD170		
1057	1134	Bacillus	subtilis	Bacteria	BD224		
1058	1135	Rhodococcus	equi	Actinomycetes			
1059	1136	Saccharopolyspora	erythraea	Actinomycetes			NRRLB-5616, ,
1060	1137	Streptomyces	albus	Actinomycetes			
1061	1138	Streptomyces	albus	Actinomycetes	J1074		
1062	1139	Streptomyces	coelicolor	Actinomycetes	A(3)2		
1063	1140	Actinomadura	rugatobispora	Actinomycetes	I382		IFO14382,NBRC14382,DSM44130,JC M3366, ,
1064	1141	Paecilomyces	variotii	Fungi			
1065	1142	Streptomyces	clavuligerus	Actinomycetes	NRRLB-3585		NRRLB-3585,ATC C27064,DSM738,DSM40751,NBR, DSM41253,CBS226.75,IMET43657,KCC S-0710,I,
1066	1143	Listeria	monocytogenes	Bacteria			NCTC11994, ,
1067	1144	Staphylococcus	aureus supsp.aureus	Bacteria			
1068	1147	Paecilomyces	variotii	Fungi			
1069	1148	Pasteurella	multocida subsp.multocida	Bacteria	P52		
1070	1149	Pasteurella	multocida supsp.multocida	Bacteria	D4		
1071	1150	Saccharomyces	cerevisiae	Yeasts			
1072	1151	Rhodospodium	kratochvilovae	Yeasts	IIP-30		
1073	1152	Sporotrichum	pruinatum	Fungi			
1074	1153	Serpula	lacrymans	Fungi	751.79		CBS751.79, ,
1075	1154	Neurospora	crassa	Fungi	2228		FGSC2228, ,
1076	1155	Neurospora	crassa	Fungi	4095		FGSC4095, ,
1077	1156	Neurospora	crassa	Fungi	1688		FGSC1688, ,
1078	1157	Neurospora	crassa	Fungi	4654		FGSC4654, ,
1079	1158	Neurospora	crassa	Fungi	4096		FGSC4096, ,
1080	1159	Neurospora	crassa	Fungi	1687		FGSC1687, ,
1081	1160	Pasteurella	multocida supsp.multocida	Bacteria	D5		
1082	1162	Salmonella	sp.	Bacteria			
1083	1163	Salmonella	sp.	Bacteria			
1084	1164	Salmonella	enterica	Bacteria			
1085	1165	Salmonella	enterica	Bacteria			
1086	1166	Salmonella	enterica	Bacteria			
1087	1167	Salmonella	sp.	Bacteria			
1088	1168	Salmonella	sp.	Bacteria			
1089	1169	Salmonella	sp.	Bacteria			
1090	1170	Gloeophyllum	sepiarium	Fungi	VBMH86126		
1091	1171	Trametes	hirsuta	Fungi	VBMH81814		
1092	1172	Daedalea	flavida	Fungi	VBMH5278		
1093	1173	Phellinus	fastuosus	Fungi	VBMH841351		

1094	1174	Ceriporia	xylostromatoide s	Fungi	VBMH861291		
1095	1175	Phellinus	linteus	Fungi	VBMH871501		
1096	1176	Abortiporus	biennis	Fungi	VBMH831161		
1097	1177	Corioloopsis	floccosa	Fungi	VBMH81463		
1098	1178	Loweporus	lividus	Fungi	VBMH861303		
1099	1179	Neurospora	crassa	Fungi	4652		FGSC4652, ,
1100	1180	Cylindrocarpon	destructans	Fungi	11011		ATCC11011,DSM837, ,
1101	1181	Dacrymyces	palmatus	Fungi	13294		ATCC13294, ,
1102	1182	Curvularia	clavata	Fungi	UF 9		
1103	1183	Lenzites	betulina	Fungi	VBMH5280		
1104	1184	Thermomucor	indicae-seudati cae	Fungi			ATCC28404,CBS104.75,HACC243,IMI234110,NR, ,
1105	1185	Collybia	brunneola	Fungi	62314		CBS512.92, ,
1106	1186	Paxillus	panuoides	Fungi	379.82		CBS379.82, ,
1107	1187	Suillus	luteus	Fungi	124.37		CBS124.37, ,
1108	1188	pVCP18 (4.5kB)	(in E.coli)	Plasmids			
1109	1189	pVCP19	(in E.coli)	Plasmids			
1110	1190	Pseudomonas	putida	Bacteria	50222		DSM50222,ATCC17484,ICPB2727-110, ,
1111	1191	Pseudomonas	citronellolis	Bacteria	50332		DSM50332,ATCC13674, ,
1112	1192	Pseudomonas	putida	Bacteria	3226		DSM3226, ,
1113	1194	Pseudomonas	putida	Bacteria	548		DSM548,ATCC17514,NCIB10015, ,
1114	1195	Escherichia	coli	Bacteria	1077		DSM1077, ,
1115	1196	Brevibacillus	parabrevis	Bacteria	370		DSM370,NCIB7577,NCTC7577,IFO12374,CCM146, ,
1116	1197	Bacillus	circulans	Bacteria	596		DSM596, ,
1117	1199	Emericella	nidulans	Fungi	A26		FGSCA26, ,
1118	1200	Emericella	nidulans	Fungi	A38		FGSCA38, ,
1119	1201	Emericella	nidulans	Fungi	A188		FGSCA188, ,
1120	1202	Emericella	nidulans	Fungi	A221		FGSCA221, ,
1121	1203	Emericella	nidulans	Fungi	A222		FGSCA222, ,
1122	1204	Emericella	nidulans	Fungi	A205		FGSCA205, ,
1123	1205	Emericella	nidulans	Fungi	A359		FGSCA359, ,
1124	1206	Emericella	nidulans	Fungi	A356		FGSCA356, ,
1125	1207	Alternaria	calendulae	Fungi	63161		DSM63161,ATCC38903,BBA63161,CBS224.76,IM, ,
1126	1208	Emericella	nidulans	Fungi	A360		FGSCA360, ,
1127	1209	Emericella	nidulans	Fungi	A607		FGSCA607, ,
1128	1210	Emericella	nidulans	Fungi	A452		FGSCA452, ,
1129	1211	Emericella	nidulans	Fungi	A657		FGSCA657, ,
1130	1212	Emericella	nidulans	Fungi	A666		FGSCA666, ,
1131	1213	Emericella	nidulans	Fungi	A678		FGSCA678, ,
1132	1214	Emericella	nidulans	Fungi	A680		FGSCA680, ,
1133	1216	Sordaria	fimicola	Fungi	2842		FGSC2842, ,
1134	1217	Sordaria	fimicola	Fungi	2853		FGSC2853, ,

1135	1218	Sordaria	fimicola	Fungi	2861		FGSC2861, ,
1136	1219	Sordaria	fimicola	Fungi	2866		FGSC2866, ,
1137	1220	Sordaria	fimicola	Fungi	2870		FGSC2870, ,
1138	1221	Sordaria	fimicola	Fungi	2877		FGSC2877, ,
1139	1222	Sordaria	fimicola	Fungi	2867		FGSC2867, ,
1140	1223	Rms163 (145Mdal)	(in P.aeruginosa)	Plasmids	50082		NCTC50082, ,
1141	1227	Neurospora	crassa	Fungi	821		FGSC821, ,
1142	1228	Neurospora	crassa	Fungi	875		FGSC875, ,
1143	1229	Neurospora	crassa	Fungi	876		FGSC876, ,
1144	1230	Neurospora	intermedia	Fungi	1823		FGSC1823, ,
1145	1231	Escherichia	coli	Bacteria	KL334		
1146	1232	Escherichia	coli	Bacteria	P4X		
1147	1233	Escherichia	coli	Bacteria	SB3930		
1148	1234	Escherichia	coli	Bacteria	W620,gal7		
1149	1235	Emericella	nidulans	Fungi	A691		FGSCA691, ,
1150	1236	Emericella	nidulans	Fungi	A748		FGSCA748, ,
1151	1237	Emericella	nidulans	Fungi	A757		FGSCA757, ,
1152	1238	Emericella	nidulans	Fungi	A758		FGSCA758, ,
1153	1239	Neurospora	crassa	Fungi	1858bd		FGSC1858bd, ,
1154	1240	Neurospora	intermedia	Fungi	1940		FGSC1940, ,
1155	1241	Neurospora	crassa	Fungi	2670–frq–1;bd		FGSC2670–frq–1;bd, ,
1156	1242	Neurospora	crassa	Fungi	2671–frq–1;bd		FGSC2671–frq–1;bd, ,
1157	1243	Neurospora	crassa	Fungi	2960		FGSC2960, ,
1158	1244	Neurospora	crassa	Fungi	2961		FGSC2961, ,
1159	1245	Neurospora	crassa	Fungi	1859bd		FGSC1859bd, ,
1160	1246	Neurospora	crassa	Fungi	4022		FGSC4022, ,
1161	1247	Neurospora	crassa	Fungi	4023		FGSC4023, ,
1162	1248	Neurospora	crassa	Fungi	4653		FGSC4653, ,
1163	1249	Neurospora	crassa	Fungi	4655		FGSC4655, ,
1164	1250	Rhizopus	microsporus var.rhizopodiformis	Fungi			
1165	1251	Salmonella	enterica typhimurium	Bacteria	TA98		
1166	1252	Salmonella	enterica typhimurium	Bacteria	TA100		
1167	1256	Penicillium	citrinum	Fungi	GB1		
1168	1257	Emericella	nidulans var.acristatus	Fungi	GB2		
1169	1258	Trichoderma	longibrachiatum	Fungi	GB3		
1170	1259	Pseudomonas	putida	Bacteria	1991		DSM1991, ,
1171	1260	Bacillus	sp.	Bacteria	702		DSM702, ,
1172	1261		(in E.coli K12)	Plasmids	39R861		NCTC50192, ,
1173	1262	RIP64 (95Mdal)	(in P.aeruginosa)	Plasmids	R1P64		NCTC50075, ,
1174	1263	R702 (46Mdal)	(in E.coli K12)	Plasmids	R702		NCTC50047, ,
1175	1264	R136	(in Salmonella typhimurium)	Plasmids	R136		NCTC50017, ,
1176	1265	R27 (112Mdal)	(in E.coli K12)	Plasmids	R27		NCTC50010, ,
1177	1266	R931	(in	Plasmids	R931		NCTC50066, ,

		(300Mdal)	P.aeruginosa				
1178	1267	colE1::Tn7 (13.2Mdal,19kb)	(in E.coli K12)	Plasmids	ColE1::Tn7		NCTC50117, ,
1179	1268	Rms163	(in P.aeruginosa)	Plasmids	Rms163		NCTC50082, ,
1180	1269	Paenibacillus	macquariensis	Bacteria	2		DSM2,ATCC23464, NCTC10419,NCIB9 934, ,
1181	1270	Bacillus	amyloliquefaciens subsp. amyloliquefaciens	Bacteria	7		DSM7,ATCC23350, ,
1182	1271	Acinetobacter	guillouiae	Bacteria	590		DSM590,ATCC111 71,NCIB8250, ,
1183	1272	Bacillus	cereus	Bacteria	2301		DSM2301,CBCC28 23, ,
1184	1273	Pseudomonas	putida	Bacteria	50198		DSM50198,ATCC1 7453,ICPB2663-77, ,
1185	1275	Zopfiella	pilifera	Fungi	9558		IFO9558,CBS413.7 3,NHL2506, ,
1186	1276	Arthroderma	fulvum(+)	Fungi	9224		NBRC(IFO)9224,AT CC16445,CBS167. 64, IMI08, ,
1187	1277	Mucor	hiemalis(+)	Fungi	8977a		ATCC8977a(+), ,
1188	1278	Mucor	hiemalis(-)	Fungi	8977b		ATCC8977b(-), ,
1189	1279	Neurospora	crassa	Fungi	4656		FGSC4656, ,
1190	1280	Amauroascus	aureus	Fungi	7559		IFO7559,NHL2276, ,
1191	1281	Aspergillus	terreus var. aureus	Fungi	31217		NBRC(IFO)31217, ,
1192	1282	Chaetosartoria	stromatoides	Fungi	9652		NBRC(IFO)9652,AT CC16854,ATCC244 85,CBS500, ,
1193	1283	Aspergillus	manginii	Fungi	48521		ATCC48521,CBS11 9.36, ,
1194	1284	Bacillus	sp.	Bacteria	1327		DSM1327, ,
1195	1286	Lysinibacillus	fusiformis	Bacteria	2898		DSM2898,ATCC70 55, ,
1196	1287	Brevundimonas	diminuta	Bacteria	1635		DSM1635,ATCC19 146, ,
1197	1288	Achaetomiella	fusispora	Fungi	30793		NBRC(IFO)30793,I MI187743, ,
1198	1289	Coryneum	terrophilum	Fungi	8947		NBRC(IFO)8947,N BRC(IFO)8432,ATC C15140,CB, ,
1199	1290	Hamigera	striata	Fungi	6106		IFO6106,ATCC105 01,CBS377.48,IMI0 39741,NR, ,
1200	1291	Neosartoria	fischeri var. glabra	Fungi	30573		IFO30573,ATCC34 561, ,
1201	1292	Neurospora	crassa	Fungi	4651		FGSC4651, ,
1202	1293	Apiosordaria	yaeyamensis	Fungi	31170		NBRC(IFO)31170, ,
1203	1294	Mucor	circinelloides f. janssenii (-)	Fungi	5398		IFO5398,ATCC422 57, ,
1204	1295	Fennellomyces	linderi	Fungi	6409		NBRC(IFO)6409,AT CC11744,CBS158. 54,DSM357, ,
1205	1296	Circinella	minor	Fungi	6448		NBRC(IFO)6448,AT CC22815,CBS143.

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1206	1297	Mucor	circinelloides f. janssenii (+)	Fungi	6746		IFO6746,ATCC42258, ,
1207	1298	Zygorhynchus	californiensis	Fungi	6663		IFO6663,ATCC36723,CBS402.58,NRR L2658, ,
1208	1299	Circinella	rigida	Fungi	6411		NBRC(IFO)6411,ATCC22327,CBS156.51,DSM348, IMI045645, ,
1209	1300	Ascotricha	lusitanica	Fungi	9992		NBRC(IFO)9992,ATCC22096,CBS462.70,IMI147, ,
1210	1301	Pseudeurotium	zonatum	Fungi	30579		IFO30579,ATCC36545, ,
1211	1302	Escherichia	coli K-12	Bacteria	K-12		CGSC4401, ,
1212	1303	Escherichia	coli B	Bacteria	B		CGSC2507, ,
1213	1304	Escherichia	coli C1	Bacteria	C1		CGSC3121, ,
1214	1305	Bacillus	subtilis	Bacteria			
1215	1306	Bacillus	cereus	Bacteria	N11		
1216	1307	Bacillus	cereus	Bacteria	UV74		
1217	1308	Bacillus	fastidious	Bacteria	91		DSM91,ATCC29604,NCIB11326, ,
1218	1310	Escherichia	coli	Bacteria	MD1957/AB1157		
1219	1311	Pichia	gulliermondii	Yeasts			
1220	1312	Flexibacter	sp.	Bacteria	3098		DSM3098,ATCC35103, ,
1221	1313	Pseudomonas	putida	Bacteria	2112		DSM2112, ,
1222	1314	Auricularia	polytricha	Fungi	30778		NBRC(IFO)30778, ,
1223	1315	Gilmaniella	subornata	Fungi	30866		IFO30866,ATCC38284,NHL2811, ,
1224	1316	Acremonium	diospyri	Fungi	2939		DSM2939,CBS131.51,ATCC9066,IFO6118,MUCL9, ,
1225	1318	Geosmithia	cylindrospora	Fungi	8110		IFO8110,ATCC18223,CBS275.58,IMI71623,LSH, ,
1226	1319	Penicillium	sacculum	Fungi	8114		IFO8114,ATCC18350,CBS231.61,IFO9454,IMI0, ,
1227	1320	Emericella	navahoensis	Fungi	30836		NBRC(IFO)30836,ATCC44663,CBS351.81,IMI33, IMI259771, ,
1228	1321	Pilaira	anomala(-)	Fungi	36774		ATCC36774,IMI228217,NRRL2527., ,
1229	1322	Pilaira	anomala(+)	Fungi	36779		ATCC36779,IMI228216,NRRL2526., ,
1230	1323	Aspergillus	clavatus	Fungi	816		DSM816,ATCC1007,ATCC9598,ATCC9602,CBS513, ,
1231	1324	Scytalidium	thermophilum	Fungi	2842		DSM2842,ATCC16463, ,
1232	1325	Lactobacillus	plantarum	Bacteria	2601		DSM2601,ATCC10241,NCIB7220,NCDO343, ,
1233	1326	NIC	(IN P.putida pPG25)	Plasmids	pPG25		DSM4477, ,
1234	1327	Absidia	repens(+)	Fungi	812		DSM812,ATCC14849,IMI238604, ,

1235	1328	<i>Emericella</i>	<i>nidulans</i> var <i>nidulans</i>	Fungi	820		DSM820,ATCC112 67,CBS124.59,IMI2 27976, ,
1236	1329	<i>Basidiobolus</i>	<i>microsporus</i>	Fungi	3120		DSM3120,ATCC14 708, CBS130.62, ,
1237	1330	<i>Varicosporina</i>	<i>ramulosa</i>	Fungi	31325		IFO31325,ATCC16 352,CBS398.65,IM S5213, ,
1238	1331	<i>Aspergillus</i>	<i>aculeatus</i>	Fungi	31348		NBRC(IFO)31348,A TCC36411, ,
1239	1332	<i>Botryotinia</i>	<i>ricini</i>	Fungi	13210		ATCC13210,CBS13 4.59,IMI100717, ,
1240	1333	<i>Phialophora</i>	<i>verrucosa</i>	Fungi	10223		ATCC10223,CBS27 3.37, ,
1241	1334	<i>Phialophora</i>	<i>hoffmannii</i>	Fungi	2693		DSM2693,ATCC34 158, ,
1242	1335	<i>Absidia</i>	<i>coerulea</i> (+)	Fungi	3018		DSM3018,ATCC10 738a,CBS104.08, ,
1243	1336	<i>Melanospora</i>	<i>singaporensis</i>	Fungi	30865		IFO30865,ATCC38 286,NHL2813, ,
1244	1337	<i>Arthroderma</i>	<i>fulvum</i> (-)	Fungi	9225		NBRC(IFO)9225, ,
1245	1339	<i>Ceratocystis</i>	<i>multiannulata</i> (-)	Fungi	978		DSM978, ,
1246	1340	<i>Penicillium</i>	<i>diversum</i>	Fungi	2212		DSM2212,ATCC10 437,CBS320.48,IF O7759,IMIO, NRRL 2121,QM1921, ,
1247	1341	<i>Talaromyces</i>	<i>bacillisporus</i>	Fungi	2231		DSM2231,ATCC10 126,CBS296.48,IMI 040045,NR, ,
1248	1343	<i>Syncephalastrum</i>	<i>racemosum</i> (-)	Fungi	14832		ATCC14832,ATCC 13585a,CBS441.59 ,, IMI077602,NRRL A-5989,RSA229, ,
1249	1344	<i>Aspergillus</i>	<i>brasiliensis</i>	Fungi	16404		ATCC16404,CBS73 3.88,NBRC(IFO)94 55,IMI149, ,
1250	1345	<i>Volvariella</i>	<i>bombycina</i>	Fungi	3280		DSM3280,CBS367. 33, ,
1251	1346	<i>Filobasidiella</i>	<i>neoformans</i> var. <i>neoformans</i>	Yeasts	28958		ATCC28958,CBS68 86,DBVPG6980,MU CL30453,NI, ,
1252	1347	<i>Filobasidiella</i>	<i>neoformans</i> var. <i>bacillispora</i>	Yeasts	32269		ATCC32269,CBS62 89,MUCL30449,RV 20186, ,
1253	1348	<i>Penicillium</i>	<i>chrysogenum</i>	Fungi	11625		ATCC11625,NRRL 1978, ,
1254	1349	<i>Clostridium</i>	<i>sp.</i>	Bacteria	1446		DSM1446,ATCC11 437, ,
1255	1351	<i>Verticillium</i>	<i>dahliae</i>	Fungi	16535		ATCC16535,CBS38 1.66, ,
1256	1352	<i>Armillaria</i>	<i>bulbosa</i>	Fungi	3733		DSM3733, ,
1257	1353	<i>Filobasidiella</i>	<i>neoformans</i> var. <i>neoformans</i>	Yeasts	6352		ATCC6352, ,
1258	1354	<i>Trigonopsis</i>	<i>variabilis</i>	Yeasts	10679		ATCC10679,CBS10 40,CCRC21509,DB VPG6199,DS, JCM 1823,NCYC770,NR RLY-1579,VKMY-2 60,VKMY, ,
1259	1355	<i>Bionectria</i>	<i>ochroleuca</i>	Fungi	12881		ATCC12881,CBS19

							4.57,IMI071095, ,
1260	1356	Oidiodendron	echinulatum	Fungi	16287		ATCC16287,CBS113.65,MUCL8271, ,
1261	1359	Sporothrix	schenckii	Fungi	14284		ATCC14284, ,
1262	1360	Galactomyces	geotrichum	Yeasts	1240		DSM1240, ,
1263	1361	Aspergillus	clavatus	Fungi	3410		DSM3410,ATCC18214,IMI155703, ,
1264	1362	Alternaria	alternata	Fungi	6663		ATCC6663, ,
1265	1363	Ascobolus	stercorarius	Fungi	18705		ATCC18705, ,
1266	1364	Ascobolus	stercorarius	Fungi	18707		ATCC18707, ,
1267	1365	Ascobolus	stercorarius	Fungi	18708		ATCC18708, ,
1268	1366	Termitomyces	albuminosus	Fungi	1625		DSM1625,ATCC42010, ,
1269	1367	Chrysosporium	keratinophilum	Fungi	14803		ATCC14803,CBS104.62,NBRC(IFO)7584,IMI091, ,
1270	1368	Paecilomyces	variotii	Fungi	22319		ATCC22319,ATCC36257,IMI204127, ,
1271	1369	Malassezia	pachydermatis	Yeasts	14522		ATCC14522,CBS1879,CCRC21676,IFO10064,NRR, ,
1272	1370	Scopulariopsis	acremonium	Fungi	1987		DSM1987,ATCC16282,CBS104.65,MUCL8274, ,
1273	1372	Trichoderma	virens	Fungi	M1		
1274	1373	Trichoderma	virens	Fungi	M2		
1275	1374	Malassezia	furfur	Yeasts	14521		ATCC14521,CBS1878,DBVPG6825,IFO0656, ,
1276	1375	Trichoderma	virens	Fungi	M4		
1277	1376	Trichoderma	virens	Fungi	M5		
1278	1377	Trichoderma	virens	Fungi	M6		
1279	1378	Trichoderma	virens	Fungi	M7		
1280	1379	Eurotium	intermedium	Fungi	2830		DSM2830,ATCC16444,CBS523.65,NRRL82,QM740, ,
1281	1380	Aspergillus	asperescens	Fungi	871		DSM871,ATCC11079,CBS110.51,IMI46813, ,
1282	1381	Actinomadura	fulvescens	Actinomycetes	43923		DSM43923,NBRC14347,IFO14347,JC M6833,NCTC, IMET9745,
1283	1382	Actinomadura	livida	Actinomycetes	43677		DSM43677,ATCC33578,INA1678, ,
1284	1383	Trichoderma	virens	Fungi	M3		
1285	1384	Mucor	thermohyalospora	Fungi			HACC MPV5, ,
1286	1385	Aspergillus	tonophilus	Fungi	8157		IFO8157,ATCC14567,ATCC16440,ATCC36504,CB, IMI108299,WB5124, ,
1287	1386	Eurotium	glabrum	Fungi	1370		DSM1370,CBS379.75,ETHM8218,IMI278373, ,
1288	1387	Kregervanrija	fluxuum	Yeasts	Y-94		NRRLY-94,ATCC9888,ATCC18823,CBS639,CCRC2, JCM1456,NRRLY-161

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1289	1388	Kluyveromyces	marxianus var.marxianus	Yeasts	665		NRRLY-665,ATCC 10022,CBS6432,C CRC21628,NC, ,
1290	1389	Kluyveromyces	marxianus var.marxianus	Yeasts	Y-1175		NRRLY-1174,ATC C64884, ,
1291	1390	Kluyveromyces	marxianus var.marxianus	Yeasts	Y-8287		NRRLY-8287,ATC C22296,CBS5671, CCRC6078,UC, ,
1292	1391	Acremonium	chrysogenum	Fungi	2399		DSM2399,ATCC20 339,NBRC(IFO)300 56, ,
1293	1392	Streptomyces	olivaceus	Actinomycetes	40072		DSM40072,ISP507 2,ATCC3335,19794 ,CBS546.6, NBRC1 2805,RIA1073,IFO1 2805,
1294	1393	Streptomyces	mutabilis	Actinomycetes	40169		DSM40169,ISP516 9,ATCC19919,1978 9,CBS541., IFO12800,
1295	1394	Streptomyces	diastaticus sub sp.diastaticus	Actinomycetes	40496		DSM40496,ISP549 6,ATCC3315,CBS7 13.72,NRRL, NBRC 3714,RIA1373,JCM 4745,IFO13412,IFO 371,
1296	1396	Nonomuraea	roseoviolacea s ubsp.roseoviola cea	Actinomycetes	43144		DSM43144,ATCC2 7297,KCCA0145, ,
1297	1397	Actinomadura	verrucosospora	Actinomycetes	43358		DSM43358,ATCC2 7299,DSM43550,K CCA0147, ,
1298	1398	Nonomuraea	fastidiosa	Actinomycetes	43674		DSM43674,INMI10 4,ATCC33516,NBR C14680,VKM, JCM 3321,IFO14680,
1299	1399	Tetrapisispora	blattae	Yeasts	Y-10934		NRRLY-10934,ATC C34711,CBS6284, CCRC22016,, IFO10599,,
1300	1400	Lipomyces	starkeyi	Yeasts	Y-1388		NRRLY-1388,ATC C58680,CBS1807, CCRC21522,D, IFO 1289,IFO10381,JC M5995,MUCL39418 ,
1301	1401	Rhodotorula	mucilaginoso v ar.mucilaginoso	Yeasts	Y-1738		NRRLY-1738,ATC C32762,CBS5804, ,
1302	1402	Lipomyces	lipofer	Yeasts	Y-11555		NRRLY-11555,ATC C32301,CBS944,IF O1288,JCM, NRRL Y-2542,VKMY-218 ,
1303	1403	Rhodotorula	mucilaginoso v ar.mucilaginoso	Yeasts	Y-7803		NRRLY-7803,ATC C36307,CBS6610,I JFM2196, ,
1304	1404	Candida	intermedia	Yeasts	Y-12509		NRRLY-12509,ATC C60381,CBS7153, DBVPG6286,, ,
1305	1405	Saccharomyces	capsularis	Yeasts	V-22		
1306	1406	Candida	tropicalis	Yeasts	CHP-4		
1307	1407	Lactobacillus	plantarum	Bacteria	20174		DSM20174,ATCC1 4917,NCDO1752, ,

1308	1408	Lactobacillus	rhamnosus	Bacteria	20021		DSM20021,ATCC7469,CCM1825,NCDO243,NCIB63, ,
1309	1409	Humicola	fuscoatra var.nigra	Fungi	AS HFN2		
1310	1410	Scytalidium	thermophilum	Fungi			
1311	1411	Nocardioopsis	dassonvillei	Actinomycetes	43111		DSM43111,ATCC23218,NCTC10488,JC M7437,IMR, IAM14287,
1312	1412	Actinoplanes	italicus	Actinomycetes	43146		DSM43146,ATCC27366,KCCA0165, ,
1313	1413	Microbispora	rosea subsp.aerata	Actinomycetes	43166		DSM43166,ATCC27098,CBS799.70,K CCA0110, ,
1314	1416	Nocardiooides	albus	Actinomycetes	43364		DSM43364,ATCC27980,IMET7801, ,
1315	1417	Nonomuraea	africana	Actinomycetes	43748		DSM43748,INA1839,ATCC35107,NBR C14745,RIA, ,
1316	1418	Actinoplanes	ferrugineus	Actinomycetes	43807		DSM43807,ATCC29868,KCCA0277, ,
1317	1420	Nocardiooides	albus	Actinomycetes	43873		DSM43873,ATCC43081,IMET7822, ,
1318	1421	Nocardiooides	albus	Actinomycetes	43874		DSM43874,ATCC43083,IMET7835, ,
1319	1422	Paecilomyces	variotii	Fungi	SDA-4		
1320	1423	Lactobacillus	rhamnosus	Bacteria			
1321	1425	Acinetobacter	baumannii	Bacteria	30008		DSM30008,ATCC15308,CCM5593,CIP 64.8,NCTC7, ,
1322	1427	Bacillus	subtilis	Bacteria	3256		DSM3256,IAM1213 , ,
1323	1429	Proteus	mirabilis	Bacteria	4479		DSM4479,ATCC29906,CDCPR14,JCM 1669,NCTC11, ,
1324	1430	Staphylococcus	aureus subsp.aureus	Bacteria	20231		DSM-20231,ATCC12600,CCM885,NC DO949,NCTC8, ,
1325	1431	Filobasidiella	neoformans var.bacillispora	Yeasts	32608		ATCC32608,CBS6916,CBS6955,DBVP G6225,MUCL, ,
1326	1432	SAL (85kB)	(in P.putida pPG2100)	Plasmids	4478		DSM 4478, ,
1327	1433	Humicola	insolens	Fungi			
1328	1434	Bacillus	sp.	Bacteria			
1329	1436	Cryptococcus	terreus	Yeasts	22462		ATCC22462,CBS6293,DBVPG6242,NR RLY-17184,, ,
1330	1437	Candida	incommunis	Yeasts	22971		ATCC22971,CBS5604,CCRC21619,IF O10228,IGC, NRRLY-17085,
1331	1438	Candida	nitratophila	Yeasts	36585		ATCC36585,CBS2027,CCRC21583,DS M70649,IFO, NCYC 556,NRRLYB-3654 ,
1332	1439	Brettanomyces	nanus	Yeasts	48014		ATCC48014,CBS1945,CCRC21335, ,
1333	1440	Candida	versatilis	Yeasts	60121		ATCC60121,CBS4019,CCRC21627,IF

							O1941,JCM5, ,
1334	1441	Candida	boidinii	Yeasts	56294		ATCC56294,CBS8030,CCRC21757,IFO10329,JCM,VKMY-2356,
1335	1442	Candida	blankii	Yeasts	18735		ATCC18735,CBS1898,CCRC21492,DBVPG6204,IF,NRRLY-17068,
1336	1443	Candida	apis	Yeasts	24610		ATCC24610,CBS2674,CCRC22486,IFO10262,NRI, ,
1337	1444	Cryptococcus	podzolicus	Yeasts	34208		ATCC34208,CBS6819,CCRC21767,DBVPG7026,IF,VKMY-1982,
1338	1445	Candida	apicola	Yeasts	24616		ATCC24616,CBS2868,CCRC22277,IFO10261,NRI,VKMY-1670,
1339	1446	Rhodotorula	sp.	Yeasts	1446		
1340	1447	Ascobolus	stercorarius	Fungi	18706		ATCC18706, ,
1341	1448	Rhodotorula	acuta	Yeasts	42713		ATCC42713,CBS7053,IFO1912,JCM1602,MTCC53, ,
1342	1449	Fellomyces	fuzhouensis	Yeasts	56867		ATCC56867,CBS8243,CCRC22298,IFO10374,JCM, ,
1343	1450	Candida	santamariae	Yeasts	18734		ATCC18734,CBS4261,CCRC21562,IFO10229,IGC,MUCL29806,
1344	1451	Pichia	nakasei	Yeasts	24116		ATCC24116,CBS6374,CCRC21633,IFO1576,JCM1, ,
1345	1452	Candida	azyma	Yeasts	36850		ATCC36850, ,
1346	1453	Candida	psychrophila	Yeasts	22163		ATCC22163,CBS5956,CCRC22405,IFO10418,JCM, ,
1347	1454	Bullera	dendrophila	Yeasts	24608		ATCC24608,CBS6074,CCRC21706,IFO10114,JCM,MUCL27710,
1348	1455	Cryptococcus	bhutanensis	Yeasts	22461		ATCC22461,CBS6294,CCRC21755,IAM14231,JCM,VKMY-1643.,
1349	1456	Bacillus	pumilus	Bacteria	21143		ATCC21143, ,
1350	1457	Shigella	flexneri	Bacteria	29508		ATCC29508, ,
1351	1458	Bacillus	badius	Bacteria	14574		ATCC14574,DSM23,NCIB9364,NCTC10333, ,
1352	1459	Neocosmospora	vasinfecta	Fungi	62822		DSM62822,CBS237.55,BBA4647,IMI302624,MUC, ,
1353	1461	Ceratocystis	multiannulata(+)	Fungi	977		DSM977, ,
1354	1462	Mucor	fuscus	Fungi	2189		DSM2189,CBS132.22,CCF2017,BKMF-1227,NRRL, ,
1355	1463	Monilia	aquatilis	Fungi	3542		DSM3542,CBS192.28,MUCL9936, ,
1356	1464	Talaromyces	helicus	Fungi	3705		DSM3705,ATCC10

			var.helicus				451,CBS335.48,IF O30885,IMI, QM1852,
1357	1465	Chaetomium	thermophilum v ar.thermophilu m	Fungi	1495		DSM1495,CBS144. 50,DAOM24625,IMI 039719, ,
1358	1466	Acremonium	strictum	Fungi	3567		DSM3567,ATCC34 717,CBS346.70, ,
1359	1467	Thielaviopsis	basicola	Fungi	63050		DSM63050, ,
1360	1468	Cadophora	gregata	Fungi	3716		DSM3716,ATCC11 073,CBS132.51, ,
1361	1469	Scopulariopsis	acremonium	Fungi	1987		DSM1987,ATCC16 282,CBS104.65, ,
1362	1470	Aneurinibacillus	aneurinilyticus	Bacteria	11376		ATCC11376, ,
1363	1473	Raffaelea	ambrosiae	Fungi	1508		DSM1508,CBS185. 64,MUCL8064, ,
1364	1474	Ustilago	maydis	Fungi	3121		DSM3121,ATCC14 826,CBS445.63,PR L1965, ,
1365	1475	Acremonium	curvulum	Fungi	1549		DSM1549,CBS430. 66, ,
1366	1476	Penicillium	miczynskii	Fungi	2437		DSM2437,ATCC10 470,CBS220.28,IMI 040030,IF, NRRL10 77,QM1957,
1367	1477	Pyricularia	oryzae	Fungi	1597		DSM1597, ,
1368	1478	Hypoxyton	mammatum	Fungi	1533		DSM1533, ,
1369	1479	Claviceps	purpurea	Fungi	2942		DSM2942, ,
1370	1480	Agaricus	bisporus	Fungi	3055		DSM3055, ,
1371	1482	Bacillus	amyloliquefacie ns subsp. amyl oliquefaciens	Bacteria	7		DSM7,ATCC23350, ,
1372	1483	Bacillus	licheniformis	Bacteria	27811		ATCC27811, ,
1373	1484	Lactococcus	lactis subsp. cremoris	Bacteria	19257		ATCC19257,NCDO 607,DSM20069,NCI B8662, ,
1374	1485	Bacillus	alcalophilus	Bacteria	27647		ATCC27647,NCTC 4553,NCIB9772, ,
1375	1486	Bacillus	sp.	Bacteria	13805		ATCC13805, ,
1376	1487	Azorhizobium	caulinodans	Bacteria	43989		ATCC43989,LMB64 65,DSM5975,, ,
1377	1488	Bacillus	amyloliquefacie ns	Bacteria	23844		ATCC23844, ,
1378	1489	Armillaria	mellea	Fungi	3730		DSM3730, ,
1379	1490	Armillaria	mellea	Fungi	3731		DSM3731, ,
1380	1491	Armillaria	bulbosa	Fungi	3732		DSM3732, ,
1381	1492	Geobacillus	thermodenitrific ans	Bacteria	29492		ATCC29492,DSM4 65, ,
1382	1493	Bacillus	sp.	Bacteria	29493		ATCC29493,DSM4 66, ,
1383	1495	Pseudomonas	sp.	Bacteria	13867		ATCC13867,NCIB9 496,DSM1650,DSM 50405., ,
1384	1497	Paenibacillus	apiarius	Bacteria	29575		ATCC29575,DSM5 581, ,
1385	1498	Claviceps	purpurea	Fungi	714		DSM714,IMI104437 , ,
1386	1499	Claviceps	purpurea	Fungi	715		DSM715,IMI31669, ,

1387	1500	Claviceps	purpurea	Fungi	716		DSM716,IMI26133,
1388	1511	Candida	sp.	Yeasts	BM-2		
1389	1512	Saccharomyces	sp.	Yeasts	BM-7		
1390	1513	Cryptococcus	magnus var. magnus	Yeasts	24171		ATCC24171,CBS140,DBVPG6009,IFO0698,MUCL3, ,
1391	1514	Dioszegia	crocea	Yeasts	52901		ATCC52901,CBS6714,IFO10113,JCM2961., ,
1392	1515	Dioszegia	hungarica	Yeasts	52900		ATCC52900,CBS7091,IFO10112,JCM2955, ,
1393	1516	Aciculoconidium	aculeatum	Yeasts	28680		ATCC28680,CBS5578,CCRC21635,DSN3426,IFO1,JCM13354,
1394	1517	Geobacillus	stearotherophilus	Bacteria	12976		ATCC12976,DSM297,NCIB8919,CCM2183,NCA179, ,
1395	1518	Geobacillus	stearotherophilus	Bacteria	7953		ATCC7953,DSM5934,NCA1518,NCIB8157,NCTC10, ,
1396	1519	Geobacillus	stearotherophilus	Bacteria	29609		ATCC29609,ATCC7954,DSM2027,NC A1503, ,
1397	1520	Bacillus	licheniformis	Bacteria	21552		ATCC21552, ,
1398	1521	Geobacillus	stearotherophilus	Bacteria	12980		ATCC12980,DSM22,IFO12550,NCA26,NCTC10339, ,
1399	1523	Streptosporangium	violaceochromogenes	Actinomycetes	43849		DSM43849,ATCC21807,JCM3281,KCCA-0281, ,
1400	1524	Streptomyces	griseolosporus	Actinomycetes	43859		DSM43859,JCM3339,NBRC14371,NRRLB16229,IF, ,
1401	1525	Promicromonospora	citrea	Actinomycetes	43875		DSM43875,IMET7261, ,
1402	1526	Rhodococcus	erythropolis	Actinomycetes	312		DSM312,ATCC15591, ,
1403	1527	Corynebacterium	variabile	Actinomycetes	20132		DSM20132,ATCC15753,CCM1565,NCIB9455, ,
1404	1528	Arthrobacter	sulfureus	Actinomycetes	20167		DSM20167,ATCC19098,NCIB10355, ,
1405	1529	Corynebacterium	glutamicum	Actinomycetes	20297		DSM20297,ATCC14020,NCIB9379, ,
1406	1530	Brevibacterium	casei	Actinomycetes	20657		DSM20657,ATCC35513,NCDO2048, ,
1407	1531	Rhodococcus	fascians	Actinomycetes	20669		DSM20669,ATCC12974,NBRC12155,NCPPB3067,J, ,
1408	1532	Kocuria	rosea	Actinomycetes	BM-5		
1409	1533	Lechevalieria	aerocolonigenes subsp.aerocolonigenes	Actinomycetes	40034		DSM40034,ISP5034,ATCC23870,NBRC13195,RIA, ,
1410	1534	Nocardia	sp.	Actinomycetes	BM-3		
1411	1535	Streptomyces	anulatus	Actinomycetes	40128		DSM40128,ISP5128,ATCC11523,ATCC23209,NBR, IMET41360,IFO12755,

1412	1536	Streptomyces	vastus	Actinomycetes	40309		DSM40309,ISP5309,ATCC25506,CBS290.60,CBS, NBRC13094,RIA1286,IFO13094,
1413	1537	Streptomyces	varsoviensis	Actinomycetes	40346		DSM40346,ATCC25505,CBS357.64,647.69,DSM4, ISP5346,NBRC30931,NCIB9522,RIA1285,IFO30,
1414	1538	Micrococcus	luteus	Actinomycetes	BM-6		
1415	1539	Streptomyces	bikiniensis	Actinomycetes	40581		DSM40581,ISP5581,ATCC11062,NRRLB-1049,NB, ,
1416	1540	Streptomyces	griseus subsp. alpha	Actinomycetes	40937		DSM40937,CBS219.25,NRRLB-2249.,
1417	1541	Kocuria	rhizophila	Actinomycetes	8340		NCTC8340,ATCC9341,DSM348, ,
1418	1542	Streptosporangium	roseum	Actinomycetes	43021		DSM43021,ATCC12428,CBS313.56,IFO3776,RIA, ,
1419	1544	Actinomadura	echinospora	Actinomycetes	43163		DSM43163,ATCC27300,NBRC14042,JC3148,IFO, ,
1420	1545	Nonomuraea	angiospora	Actinomycetes	43173		DSM43173,NBRC13155,KCCA-0109,IFO13155, ,
1421	1546	Microbispora	rosea subsp. aerata	Actinomycetes	43176		DSM43176,ATCC15448, ,
1422	1547	Saccharopolyspora	rectivirgula	Actinomycetes	43747		DSM43747,ATCC33515,BKMA-810,INMI683, KCC, ,
1423	1548	Rhodococcus	erythropolis	Actinomycetes	43188		DSM43188,ATCC19369,CBS613.67,CM2597,NCI, ,
1424	1549	Thermobispora	bispora	Actinomycetes	43038		DSM43038,ATCC15737,IMRU3759,JC3082,KCCA, ,
1425	1550	Saccharomonospora	cyanae	Actinomycetes	134		ATCC43724,DSM44106,JCM7552,NBRC14841,SII, ,
1426	1551	Saccharomonospora	caesiae	Actinomycetes	K76		DSM43044,ATCC49227,NBRC12990,KCCA-0098,I, ,
1427	1552	Saccharomonospora	azurae	Actinomycetes	128		
1428	1554	Escherichia	coli	Bacteria	AB1157		
1429	1555	Escherichia	coli	Bacteria	AB1157		
1430	1556	Escherichia	coli	Bacteria	AB1157		
1431	1557	Escherichia	coli	Bacteria	AB1157		
1432	1558	pUB110	(in B.subtilis BD366)	Plasmids	BD366		
1433	1559	Escherichia	coli	Bacteria	MG1655		
1434	1560	Escherichia	coli	Bacteria			
1435	1561	Escherichia	coli	Bacteria			
1436	1562	Escherichia	coli	Bacteria			
1437	1563	Escherichia	coli	Bacteria			
1438	1564	Escherichia	coli	Bacteria			
1439	1565	Escherichia	coli	Bacteria			

1440	1566	Escherichia	coli	Bacteria			
1441	1567	Escherichia	coli	Bacteria			
1442	1568	Escherichia	coli	Bacteria	MG1655/Y1098		
1443	1569	Escherichia	coli	Bacteria			
1444	1570	Escherichia	coli	Bacteria			
1445	1571	Escherichia	coli	Bacteria			
1446	1572	Escherichia	coli	Bacteria			
1447	1573	Escherichia	coli	Bacteria			
1448	1574	Escherichia	coli	Bacteria			
1449	1575	Escherichia	coli	Bacteria			
1450	1576	Escherichia	coli	Bacteria			
1451	1577	Escherichia	coli	Bacteria	MG1655		
1452	1579	Dictyostelium	discoideum	Fungi	1499		DSM1499,ATCC24397, ,
1453	1580	Ophiostoma	distortum	Fungi	1507		DSM1507,ATCC26401,CBS770.71, ,
1454	1581	Dioszegia	hungarica	Yeasts	24291		ATCC24291,CBS4214,CCRC21600,MUCL30660,NR, ,
1455	1582	Saccharomyces	fibuligera	Yeasts	2521		CBS2521,ATCC36309,CBS329.83,DBVPG3702,MU, ,
1456	1583	Escherichia	coli KL96	Bacteria	KL96		
1457	1584	Escherichia	coli MC4100	Bacteria	MC4100		
1458	1585	Escherichia	coli LE392	Bacteria	LE392		
1459	1586	Escherichia	coli MG1655	Bacteria	MG1655		
1460	1587	Escherichia	coli MD2223	Bacteria	MD2223		
1461	1588	Escherichia	coli CSH57	Bacteria	CSH57		
1462	1589	POI1681/pHYD58	(in E.coli)	Plasmids	POI1681/pHYD58		
1463	1590	pBR329	(in E.coli JP3301)	Plasmids	JP3301/pBR329		
1464	1591	Escherichia	coli AB1157	Bacteria	AB1157		
1465	1592	Escherichia	coli X239	Bacteria	X239		
1466	1593	Cryptococcus	aquaticus	Yeasts	5443		CBS5443,ATCC18806,IFO10405,IMI98461,JCM1, ,
1467	1594	Saccharomyces	crataegensis	Yeasts	6447		CBS6447,ATCC26025,CCRC22563,IFO1708,JCM1, ,
1468	1601	pUC18	(in E.coli TB1)	Plasmids	pUC18		
1469	1602	Pseudomonas	mendocina	Bacteria	10897		NCTC10897,ATCC25411,DSM50017, ,
1470	1603	Thermoactinomyces	sp.	Actinomycetes	14171		ATCC14171, ,
1471	1604	Pseudomonas	syringae	Bacteria	13457		ATCC13457, ,
1472	1605	Clavispora	opuntiae	Yeasts	7068		CBS7068,ATCC42172,DBVPG6904,DBVPG6912,NR, ,
1473	1606	Fellomyces	fuzhouensis	Yeasts	6133		CBS6133,ATCC32822,IFO10205,IGC4110,JCM69,NRRLY-7956,
1474	1607	Bacillus	pumilus	Bacteria	8241		NCTC8241,ATCC14884,DSM361,NCIB8982,CIP76, ,
1475	1609	Brevundimonas	diminuta	Bacteria	8545		NCTC8545,NCIB93

							93,ATCC11568, ,
1476	1610	Escherichia	coli	Bacteria	9001,JCM1649		NCTC9001,ATCC11775,CN4382,DSM30083, ,
1477	1612	Pseudomonas	taetrolens	Bacteria	10697		NCTC10697,NCIB9396,ATCC4683,NRRLB-14, ,
1478	1614	Cryptococcus	vishniacii var.vishniacii	Yeasts	8145		CBS8145,ATCC46406,NRRLY-17189, ,
1479	1615	Candida	versatilis	Yeasts	4333		CBS4333,CCRC22424,IFO0854,JCM6351,NRRLY-, ,
1480	1616	Paenibacillus	macerans	Bacteria	6355		NCTC6355,ATCC8244,DSM24,NCIB9368,JCM2500, ,
1481	1617	Burkholderia	cepacia	Bacteria	10744		NCTC10744,ATCC25609, ,
1482	1618	Pseudomonas	mucicolens	Bacteria	8068		NCTC8068,ATCC4685, ,
1483	1619	pJP7	(in Escherichia coli)	Plasmids	4060		DSM4060, ,
1484	1620	Serratia	proteamaculans subsp.proteamaculans	Bacteria	4487		DSM4487,ATCC27592, ,
1485	1621	Cryptococcus	socialis	Yeasts	7158		CBS7158,ATCC56685,JCM9430,NRRLY-17185, ,
1486	1622	Cryptococcus	ferigula	Yeasts	7201		CBS7201,JCM9026,NRRLY-17363, ,
1487	1624	Chaetomium	nigricolor	Fungi	3703		DSM3703,ATCC11211,CBS600.66,IMI250971, ,
1488	1625	Sphingomonas	echinoides	Bacteria	1085		DSM1805,DSM50409,ATCC14820,NCIB9420,ICPB, ,
1489	1628	Brevibacillus	laterosporus	Bacteria	6357		NCTC6357,ATCC64,CCM2116,DSM25,JCM2496,LM,NCIB9367, ,
1490	1629	Candida	viswanathii	Yeasts	4024		CBS4024,ATCC22981,CCRC21330,DBVPG6189,IF,NRRLY-6660., ,
1491	1630	Saturnispora	zaruensis	Yeasts	8055		CBS8055,ATCC42713,CCRC22607,IFO10103,JCM, ,
1492	1631	Debaryomyces	polymorphus v ar.polymorphus	Yeasts	186		CBS186,ATCC18577,CCRC21478,DBVPG3625,IFO,NRRLY2022, ,
1493	1632	Candida	galacta	Yeasts	6939		CBS6939,ATCC58429,BMFY-708,CCR22278,IFO, ,
1494	1633	Debaryomyces	melissophilus	Yeasts	6344		CBS6344,ATCC24614,IFO1900,NRRLY7585,JCM1, ,
1495	1634	Candida	apicola	Yeasts	1887		CBS1887,VKMY1671, ,
1496	1635	Kazachstania	pintolopesii	Yeasts	1787		CBS1787,ATCC22998,CCRC21409,IFO0729,IGC2,NRRLY-2260, ,
1497	1636	Candida	apis	Yeasts	2674		CBS2674,ATCC246

							10,CCRC22486,IFO10262,NRI, ,
1498	1637	Candida	albicans	Yeasts	562		CBS562,ATCC18804,CCRC20512,CECT1002,DBVP, IGC3436,JCM1542,KCTC7270,NCYC597,NRRLY-1, ,
1499	1638	Saccharomyces	schoenii	Yeasts	7048		CBS7048,IFO10682, ,
1500	1639	Virgibacillus	pantothenticus	Bacteria	8162		NCTC8162,ATCC14576,DSM26,NCIB8775,NRS132, ,
1501	1640	Bacillus	pumilus	Bacteria	10337		NCTC10337,ATCC7061,DSM27,IFO12092,CCM214, ,
1502	1641	Pestalotiopsis	palmarum	Fungi	Wild		
1503	1642	Pestalotiopsis	palmarum	Fungi	19		
1504	1643	Pestalotiopsis	palmarum	Fungi	40		
1505	1644	Candida	atlantica	Yeasts	5263		CBS5263,ATCC28872,CCRC22279,IFO10263,JCM, ,
1506	1645	Candida	anatomiae	Yeasts	5547		CBS5547,ATCC36589,CCRC21636,IFO10259,IGC, MUCL30024, ,
1507	1646	Candida	bombi	Yeasts	5836		CBS5836,ATCC18811,CCRC22389,IFO10267,JCM, NRRLY-17081,UCD68-31, ,
1508	1647	Debaryomyces	yamadae	Yeasts	7035		CBS7035,ATCC56471,CCRC21756,CSIRY887,IFO, NRRLY-11714, ,
1509	1648	Clavispora	lusitanae	Yeasts	1944		CBS1944,ATCC24009,DBVPG6148,IFO10058,IGC, NRRLYB-3900, ,
1510	1649	Candida	petrohuensis	Yeasts	8184		CBS8184,CCRC22591,IGC4836,IJFM6047,NRRLY, ,
1511	1650	Escherichia	coli KL16	Bacteria	KL16		
1512	1651	GJ134/pHYD94	(in E.coli)	Plasmids	GJ134/pHYD94		
1513	1652	Escherichia	coli DH5 alpha	Bacteria	DH5 alpha		
1514	1653	NAH	(in P.Putida)	Plasmids	4476		DSM4476, ,
1515	1654	CAM	(in P.Putida)	Plasmids	4475		DSM4475, ,
1516	1655	pWW20	(in P.Putida)	Plasmids	3932		DSM3932,NCIB12186, ,
1517	1656	Empedobacter	brevis	Bacteria	11099		NCTC11099,ATCC43319, ,
1518	1657	Citrobacter	koseri	Bacteria	10786		NCTC10786,ATCC27028,DSM4595,CCM2537, ,
1519	1658	Citrobacter	freundii	Bacteria	9750		NCTC9750,ATCC8090,DSM30039,IFO12681, ,
1520	1662	Syncephalastrum	racemosum	Fungi			
1521	1663	Candida	chilensis	Yeasts	5719		CBS5719,ATCC22076,CCRC22319,IFO10408,JCM, NRR

							LY-7790,NRRLY-1 7141.,
1522	1664	Candida	auringiensis	Yeasts	6913		CBS6913,ATCC584 30,CCRC22280,IF O10624,IGC, JCM9593,
1523	1665	Candida	aaseri	Yeasts	1913		CBS1913,ATCC188 05,IFO10404,JCM1 689,NRRL, KCTC7 618,UCD5714,
1524	1666	Candida	atmosphaerica	Yeasts	4547		CBS4547,ATCC160 48,ATHUM2859,CC RC22387,IF, JCM9 549,NRRLY-17642,
1525	1667	Escherichia	coli DH1	Bacteria	DH1		
1526	1668	Escherichia	coli	Bacteria	JM101		
1527	1669	Escherichia	coli JM107	Bacteria	JM107		
1528	1670	Escherichia	coli TG2	Bacteria	TG2		
1529	1671	Escherichia	coli	Bacteria	XL1-Blue		
1530	1672	Escherichia	coli	Bacteria	Y1088		
1531	1673	Escherichia	coli	Bacteria	Y1090 [-]		
1532	1674	Escherichia	coli	Bacteria	C600hfl		
1533	1675	Escherichia	coli	Bacteria	P2392		
1534	1676	Escherichia	coli	Bacteria	P2PLK17		
1535	1677	Escherichia	coli	Bacteria	HMS174		
1536	1678	Escherichia	coli	Bacteria	BL21		
1537	1679	Escherichia	coli	Bacteria	BL21(DE3)		
1538	1680	Escherichia	coli	Bacteria	BL21(DE3)lys5		
1539	1681	Escherichia	coli	Bacteria	BL21(DE3)lysE		
1540	1682	Escherichia	coli	Bacteria	SB221		
1541	1683	Escherichia	coli	Bacteria	SB4288		
1542	1684	Bacillus	megaterium	Bacteria	9848		NCTC9848, ,
1543	1685	Achromobacter	xylosoxidans	Bacteria	10808		NCTC10808,ATCC 17062,RH2860, ,
1544	1686	Acinetobacter	junii	Bacteria	10307		NCTC10307,ATCC 17908,DSM6964, ,
1545	1687	Escherichia	coli	Bacteria	8739		ATCC8739,DSM15 76,NCDO904,NCIB 8545, ,
1546	1688	Pseudomonas	aeruginosa	Bacteria	9027		ATCC9027,DSM11 28,DSM1385,IFO13 275,NRRLB-, ,
1547	1689	Bacillus	lentus	Bacteria	4824		NCTC4824,ATCC1 0840,DSM32,NCIB 8773,NCIB87, ,
1548	1690	Escherichia	coli	Bacteria	WB620		
1549	1691	Escherichia	coli	Bacteria	E1106		
1550	1692	Escherichia	coli	Bacteria	N99cl+		
1551	1693	Escherichia	coli	Bacteria	N4830-1		
1552	1694	Escherichia	coli	Bacteria	JA221		
1553	1695	Escherichia	coli	Bacteria	RR1		
1554	1696	Escherichia	coli	Bacteria	D1210		
1555	1697	Escherichia	coli	Bacteria	71-18		
1556	1698	Escherichia	coli	Bacteria	JM2002		
1557	1699	Escherichia	coli	Bacteria	JF1125		
1558	1700	Escherichia	coli	Bacteria	MV1190		

1559	1701	Escherichia	coli	Bacteria	AR68		
1560	1702	Bensingtonia	subrosea	Yeasts	7283		CBS7283,IFO10582,JCM5735,NRRLY-17312, ,
1561	1703	Bensingtonia	naganoensis	Yeasts	7286		CBS7286,JCM5978,NRRLY-17195,NRRLY-17311, ,
1562	1704	Bensingtonia	yamatoana	Yeasts	7242		CBS7242,JCM5977, ,
1563	1705	Bensingtonia	yuccicola	Yeasts	7331		CBS7331,ATCC66429,JCM6251,NRRLY-17310, ,
1564	1706	Udeniomyces	megalosporus	Yeasts	7236		CBS7236,JCM5269, ,
1565	1707	Bullera	oryzae	Yeasts	7194		CBS7194,IFO10166,IGC5435,JCM5281,MUCL294, ,
1566	1708	Udeniomyces	pyricola	Yeasts	6754		CBS6754,ATCC34640,CCRC21618,DBVPG7004,DS,JCM2958,
1567	1709	Udeniomyces	puniceus	Yeasts	5689		CBS5689,ATCC22020,IFO1337,JCM1535,NRRLY6, ,
1568	1710	Bullera	sinensis	Yeasts	7238		CBS7238,CCRC22327,JCM6253, ,
1569	1711	Candida	tepae	Yeasts	8170		CBS8170,CCRC22276,IJFM6030,JCM95821,NCYC, ,
1570	1712	Cryptococcus	dimennae	Yeasts	5770		CBS5770,ATCC22024,DBVPG6003,IFO1863,MUCL,NRRLY-6963,
1571	1713	Cryptococcus	albidus var.albidus	Yeasts	8107		CBS8107,ATCC26902,NRRLY-7721, ,
1572	1714	Cryptococcus	terreus	Yeasts	7051		CBS7051,ATCC60132,IFO10331,MUCL30457,NRR, ,
1573	1715	Cryptococcus	gastricus	Yeasts	1927		CBS1927,ATCC24225,DBVPG6057,JCM3691,MUCL, ,
1574	1716	Cryptococcus	terreus	Yeasts	1895		CBS1895,ATCC11799,DBVPG6012,MUCL30418,NC,VKMY-2253,
1575	1717	Fibulobasidium	inconspicuum	Yeasts	6963		CBS6963, ,
1576	1718	Escherichia	coli	Bacteria	POP6510		
1577	1719	Escherichia	coli	Bacteria	TB1		
1578	1720	Escherichia	coli	Bacteria	BB4		
1579	1721	Escherichia	coli	Bacteria	MC1061/P3		
1580	1722	Escherichia	coli	Bacteria	IG17		
1581	1723	Mycobacterium	avium subsp.avium	Actinomycetes	8551		NCTC8551, ,
1582	1724	Mycobacterium	phlei	Actinomycetes	8151		NCTC8151,ATCC11758,ATCC19249,DSM43239,TM, ,
1583	1725	Arthrobacter	sp.	Actinomycetes	20389		DSM20389, ,
1584	1726	Arthrobacter	sp.	Actinomycetes	20390		DSM20390, ,
1585	1727	Mycobacterium	simiae	Actinomycetes			
1586	1728	Bensingtonia	miscanthi	Yeasts	7282		CBS7282,IFO10579,JCM5733,NRRLY

							-17181,NRR, ,
1587	1729	Bullera	sinensis	Yeasts	7225		CBS7225,IFO10177,JCM5280, ,
1588	1730	Bullera	pseudoalba	Yeasts	7227		CBS7227,IFO10179,JCM5290,MUCL29434, ,
1589	1731	Udeniomyces	pyricola	Yeasts	6982		CBS6982,IFO10115,JCM2962,UBC8076, ,
1590	1732	Sporobolomyces	singularis	Yeasts	5109		CBS5109,ATCC24193,DBVPG6620,JCM5356,NCYC,UCD60-79, ,
1591	1733	Bullera	variabilis	Yeasts	7347		CBS7347,JCM5275, ,
1592	1734	Cryptococcus	heveanensis	Yeasts	569		CBS569,ATCC32065,JCM3693,MUCL30411,NRRLY, ,
1593	1735	Galactomyces	geotrichum	Yeasts	DK-ch1		
1594	1737	Plesiomonas	shigelloides	Bacteria	14029		ATCC14029,CDC3085-55,NCIB9242,DSM8224, ,
1595	1739	Aeromonas	hydrophila subsp. hydrophila	Bacteria	8049		NCTC8049,ATCC7966,DSM30187,NCMB86,NCIB92, ,
1596	1744	Candida	parapsilosis	Yeasts	DK-Sm1		
1597	1745	Lactobacillus	fermentum	Bacteria	LS-MS1		
1598	1746	Lactobacillus	plantarum	Bacteria	GS-R1		
1599	1747	Bacillus	sp.	Bacteria	DK-W1		
1600	1748	Pseudomonas	aeruginosa	Bacteria	Pf-1		
1601	1749	Pseudomonas	fluorescens	Bacteria	Pf-2		
1602	1750	Lactobacillus	brevis	Bacteria	LS-SR1		
1603	1751	Penicillium	citrinum	Fungi	DHBC3		
1604	1752	Thermoactinomyces	coremialis	Actinomycetes	15974		ATCC15974,ATCC23729, ,
1605	1753	Thermoactinomyces	sacchari	Actinomycetes	27349		ATCC27349, ,
1606	1754	Thermobifida	fusca	Actinomycetes	27730		ATCC27730,CUB1000,DSM43792,IFO14071,JCM3, ,
1607	1755	Fusarium	oxysporum	Fungi	F1		
1608	1756	Fusarium	solani	Fungi	F2		
1609	1757	Thermoactinomyces	sacchari	Actinomycetes	14570		ATCC14570,CBS503.77,CUB812,DSM43047,JCM3, ,
1610	1758	Penicillium	verrucosum	Fungi	UF11		
1611	1759	Aspergillus	versicolor	Fungi	UF12		
1612	1762	Pseudomonas	syncyanea	Bacteria	9979		ATCC9979,NCIB9495,NRRLB-652, ,
1613	1763	Trichoderma	viride	Fungi	TRA/IVY-14		
1614	1764	Streptomyces	albaduncus	Actinomycetes			
1615	1765	Malassezia	furfur	Yeasts	44344		ATCC44344, ,
1616	1766	Saccharomyces	cerevisiae	Yeasts			NCYC366,CBS6308,CCRC22577, ,
1617	1767	Rhodococcus	rhodochrous	Actinomycetes	15906		ATCC15906,RIA451, ,
1618	1768	Streptomyces	fimbriatus	Actinomycetes	15051		ATCC15051,CBS453.65,DSM40942,NR

							RLB3175, ,
1619	1769	Cellulomonas	cellulans	Actinomycetes	21606		ATCC21606,DSM20424, ,
1620	1770	Streptomyces	achromogenes subsp.achromogenes	Actinomycetes	12767		ATCC12767,ATCC19719,CBS458.68,CCM3226,NB,ISP5028,PSA209,RIA756,RIA1000,
1621	1771	Proteus	vulgaris	Bacteria	13315		ATCC13315,NCTC4175,DSM30118,IFO3851, ,
1622	1772	Neisseria	mucosa	Bacteria	25999		ATCC25999, ,
1623	1774	Deinococcus	radiophilus	Bacteria	27603		ATCC27603,ATCC27604,DSM20551,CCM2564,NCI, ,
1624	1775	Moraxella	bovis	Bacteria	10900		ATCC10900,NCDC KC745, ,
1625	1777	Cladosporium	oxysporum	Fungi	IVY12		
1626	1778	Talaromyces	flavus	Fungi	TRA/IVY10		
1627	1779	Alternaria	alternata	Fungi	UF33A		
1628	1780	Aspergillus	viridinutans	Fungi	UF35		
1629	1781	Aspergillus	tubingensis	Fungi	UF34		
1630	1782	Aspergillus	terreus	Fungi	UF39		
1631	1783	Aspergillus	flavus	Fungi	UF40		
1632	1784	Penicillium	citrinum	Fungi	UF3		
1633	1785	Aspergillus	tubingensis	Fungi	GSP-1		
1634	1786	Penicillium	purpurogenum	Fungi	GSP-2		
1635	1788	Galactomyces	geotrichum	Yeasts	GSP-3		
1636	1789	Bacillus	subtilis	Bacteria	QB1130		
1637	1790	Bacillus	subtilis	Bacteria	QB1133		
1638	1791	Saccharomyces	cerevisiae	Yeasts			NCYC1195, ,
1639	1792	Agaricus	bisporus	Fungi	MS – 39		
1640	1793	Agaricus	bisporus	Fungi	P-1		
1641	1796	Pleurotus	citrinopileatus	Fungi	PAU-37		
1642	1797	Pleurotus	cystidiosus	Fungi	PAU-15		
1643	1798	Pleurotus	eryngii	Fungi	PAU-46		
1644	1799	Pleurotus	flabellatus	Fungi	PAU-14		ATCC62883, ,
1645	1801	Pleurotus	ostreatus	Fungi	PAU-5		ATCC62884, ,
1646	1802	Pleurotus	ostreatus	Fungi	PAU(NTG-5)		
1647	1803	Pleurotus	ostreatus	Fungi	PAU-2		
1648	1804	Pleurotus	ostreatus	Fungi	PAU-6		
1649	1805	Pleurotus	pulmonarius	Fungi	PAU-42		
1650	1806	Pleurotus	sajor-caju	Fungi	PAU-3		ATCC62887(Lentinus sajour-caju), ,
1651	1807	Pleurotus	sapidus	Fungi	PAU-23		
1652	1808	Streptomyces	avidinii	Actinomycetes	27419		ATCC27419,DSM40526,NRRL3077,CBS730.72,NB,IFO13429,
1653	1809	Micrococcus	luteus	Actinomycetes	2786		DSM2786,ATCC14452,NCIB10418, ,
1654	1810	Aspergillus	ochraceus	Fungi	IMI317911		
1655	1811	Aspergillus	fumigatus	Fungi	TRA/MIC-AV/22		
1656	1812	Lenzites	elegans	Fungi	VBMH85237		

1657	1813	Trametes	pubescens	Fungi	VBMH81901		
1658	1815	Corynebacterium	glutamicum	Actinomycetes	20137		DSM20137,ATCC15990,NCIB9379, ,
1659	1816	Corynebacterium	ammoniagenes	Actinomycetes	20305		DSM20305,ATCC6872,NCTC2399,IAM1645, ,
1660	1817	Kytococcus	sedentarius	Actinomycetes	20317		DSM20317,CCM2699, ,
1661	1818	Microbacterium	lacticum	Actinomycetes	20427		DSM20427,ATCC8180,NCDO747,NCIB8540, ,
1662	1819	Brevibacterium	liquefaciens	Actinomycetes			DSM20579,ATCC14929,NCIB9545, ,
1663	1820	Streptomyces	tubercidicus	Actinomycetes	40261		DSM40261,ATCC25502,CBS644.69,NBRC13090,I, JCM4054,IFO13090,
1664	1821	Streptomyces	sp.	Actinomycetes	40292		DSM40292,ATCC23965,CBS948.68,491.62,NBRC, NRRL2449,RIA1200,700,IFO12917,
1665	1822	Streptomyces	thermovulgaris	Actinomycetes	40444		DSM40444,ATCC19284,CBS643.69,276.66,NBRC, KCCS0520,RIA1281,
1666	1823	Streptomyces	tauricus	Actinomycetes	40560		DSM40560,ATCC27470,CBS757.62,NBRC13456,I, JCM4837,RIA1417,IFO13456,
1667	1824	Streptomyces	thermonitrificans	Actinomycetes	40579		DSM40579,ATCC23385,CBS180.71,CBS774.72,N, RIA1434,IFO13473,
1668	1825	Streptomyces	champavatii	Actinomycetes	40841		DSM40841,JCM5066,NRRLB5682, ,
1669	1826	Streptomyces	torulosus	Actinomycetes	40894		DSM40894,DSM41249,ATCC29340,CBS801.71,JC, ,
1670	1827	Rhodococcus	ruber	Actinomycetes	43232		DSM43232, ,
1671	1828	Actinomadura	citrea	Actinomycetes	43461		DSM43461,ATCC27887,INA1849,IMET9573, ,
1672	1829	Nonomuraea	salmonea	Actinomycetes	43678		Same as MTCC No. 1057, ,
1673	1830	Emericella	nidulans var. nidulans	Fungi	A57		FGSCA57, ,
1674	1831	Emericella	nidulans var. nidulans	Fungi	A58		FGSCA58, ,
1675	1832	Emericella	nidulans var. nidulans	Fungi	A59		FGSCA59, ,
1676	1833	Emericella	nidulans var. nidulans	Fungi	A211		FGSCA211, ,
1677	1834	Emericella	nidulans var. nidulans	Fungi	A659		FGSCA659, ,
1678	1835	Emericella	nidulans var. nidulans	Fungi	A670		FGSCA670, ,
1679	1836	Emericella	nidulans var. nidulans	Fungi	A241		FGSCA241, ,
1680	1837	Emericella	nidulans var. nidulans	Fungi	A243		FGSCA243, ,

1681	1838	Emericella	nidulans var. nidulans	Fungi	A248		FGSCA248, ,
1682	1839	Emericella	nidulans var. nidulans	Fungi	A158		FGSCA158, ,
1683	1840	Emericella	nidulans var. nidulans	Fungi	A723		FGSCA723, ,
1684	1841	Emericella	nidulans var. nidulans	Fungi	A231		FGSCA231, ,
1685	1842	Emericella	nidulans var. nidulans	Fungi	A524		FGSCA524, ,
1686	1843	Emericella	nidulans var. nidulans	Fungi	A77		FGSCA77, ,
1687	1844	Emericella	nidulans var. nidulans	Fungi	A425		FGSCA425, ,
1688	1845	Emericella	nidulans var. nidulans	Fungi	A280		FGSCA280, ,
1689	1846	Aspergillus	oryzae	Fungi	815		FGSC815, ,
1690	1847	Aspergillus	oryzae	Fungi	816		FGSC816, ,
1691	1848	Fusarium	moniliforme(+)	Fungi	5955		FGSC5955, ,
1692	1849	Fusarium	moniliforme(-)	Fungi	5956		FGSC5956, ,
1693	1850	Neurospora	crassa	Fungi	3182		FGSC3182, ,
1694	1851	Neurospora	crassa	Fungi	2965		FGSC2965, ,
1695	1852	Neurospora	crassa	Fungi	3460		FGSC3460, ,
1696	1853	Neurospora	crassa	Fungi	4012		FGSC4012, ,
1697	1854	Neurospora	crassa	Fungi	4013		FGSC4013, ,
1698	1855	Neurospora	crassa	Fungi	6012		FGSC6012, ,
1699	1856	Neurospora	crassa	Fungi	6013		FGSC6013, ,
1700	1857	Neurospora	crassa	Fungi	2380		FGSC2380, ,
1701	1858	Neurospora	crassa	Fungi	3583		FGSC3583, ,
1702	1859	Neurospora	crassa	Fungi	2742		FGSC2742, ,
1703	1860	Neurospora	crassa	Fungi	2743		FGSC2743, ,
1704	1861	Neurospora	crassa	Fungi	4032		FGSC4032, ,
1705	1862	Neurospora	crassa	Fungi	4033		FGSC4033, ,
1706	1863	Neurospora	crassa	Fungi	3739		FGSC3739, ,
1707	1864	Neurospora	crassa	Fungi	2459		FGSC2459, ,
1708	1865	Neurospora	crassa	Fungi	2735		FGSC2735, ,
1709	1866	Neurospora	crassa	Fungi	2991		FGSC2991, ,
1710	1867	Neurospora	crassa	Fungi	2992		FGSC2992, ,
1711	1868	Neurospora	crassa	Fungi	1224		FGSC1224, ,
1712	1869	Neurospora	crassa	Fungi	1227		FGSC1227, ,
1713	1870	Neurospora	crassa	Fungi	1856		FGSC1856, ,
1714	1871	Penicillium	citrinum	Fungi			
1715	1872	Neurospora	crassa	Fungi	2721		FGSC2721, ,
1716	1873	Neurospora	crassa	Fungi	2722		FGSC2722, ,
1717	1874	Neurospora	crassa	Fungi	3431		FGSC3431, ,
1718	1875	Neurospora	crassa	Fungi	1229		FGSC1229, ,
1719	1876	Neurospora	crassa	Fungi	1230		FGSC1230, ,
1720	1877	Aspergillus	ochraceus	Fungi	42		
1721	1878	Sordaria	fimicola	Fungi	2831		FGSC2831, ,
1722	1879	Sordaria	fimicola	Fungi	2835		FGSC2835, ,
1723	1880	Monascus	ruber	Fungi	S1		
1724	1881	Aspergillus	tubingensis	Fungi	S5		
1725	1882	Aspergillus	aculeatus	Fungi	S2		

1726	1883	Aspergillus	flavus	Fungi	S6		
1727	1884	Aspergillus	flavus	Fungi	PD-2		
1728	1885	Escherichia	coli	Bacteria	S17-1		
1729	1886	Escherichia	coli	Plasmids	S17-1		
1730	1887	Serratia	grimesii	Bacteria	14460		ATCC14460,NCDC 44668,DSM30063,I FO13537,NC, ,
1731	1888	Burkholderia	gladioli	Bacteria	33664		ATCC33664,DSM1 1318,NCIB9450, ,
1732	1889	Serratia	odorifera	Bacteria	33143		ATCC33143, ,
1733	1890	Stenotrophomonas	maltophilia	Bacteria	17671		ATCC17671, ,
1734	1891	pFL1	(in E.coli)	Plasmids	pMTCC-1		
1735	1892	pCH100	(in E.coli)	Plasmids	pMTCC-2		
1736	1893	Fusarium	graminearum	Fungi	415.86		
1737	1894	Fusarium	sp.	Fungi	413.86		CBS413.86,IMI309 349,FRC T-821,NRRL26863, , ,
1738	1895	Graphium	putredinis	Fungi	779.85		JCM9746, ,
1739	1896	Graphium	rubrum	Fungi	210.34		CBS210.34,ATCC2 4593,JCM9751, ,
1740	1897	Claviceps	fusiformis	Fungi	537.87		CBS537.87, ,
1741	1898	Penicillium	griseofulvum	Fungi	485.84		CBS485.84, ,
1742	1899	Helminthosporium	solani	Fungi	640.85		CBS640.85, ,
1743	1900	Wallemia	sebi	Fungi	633.66		CBS633.66, ,
1744	1901	Aspergillus	wentii	Fungi	104.07		CBS104.07,DSM37 01,IMI17295, ATCC1023, ,
1745	1902	Mycobacterium	fortuitum subsp.fortuitum	Actinomycetes	6842		ATCC6842, ,
1746	1904	Pichia	farinosa var.farinosa	Yeasts	2020		CBS2020,ATCC187 36,CCRC21561,IF O10231,IGC, UCD67-22.,
1747	1905	Candida	agrestis	Yeasts	8055		CBS8055,ATCC427 13,IFO10103,JCM2 321, ,
1748	1906	Candida	castellii	Yeasts	4332		CBS4332,ATCC229 45,CCRC22269,IF O10270,JCM, UCD60-67,
1749	1907	Candida	aaseri	Yeasts	6421		CBS6421,ATCC584 33,CCRC21611,IF O1571,JCM1, ,
1750	1908	Candida	cylindracea	Yeasts	6330		CBS6330,ATCC148 30,CCRC21431,DS M2031,JCM9, ,
1751	1909	Candida	coipomoensis	Yeasts	8178		CBS8178,ATCC589 04,IJFM6041,JCM8 916, ,
1752	1910	Starmerella	bombicola	Yeasts	6009		CBS6009,ATCC222 14,DBVPG6870,IF O1449,IFO1, NRRLY-17069,
1753	1911	Ogataea	methylovora	Yeasts	8001		CBS8001,ATCC584 34,CCRC21405,IA M12484,IFO, NCYC 1402,NRRLY-1199 6,

1754	1912	Candida	berthetii	Yeasts	5452		CBS5452,ATCC18808,CCRC22281,DB VPG6203,IF, LY297,
1755	1913	Paenibacillus	macerans	Bacteria	11491		NCTC11491, ,
1756	1914	Bacillus	sp.	Bacteria	2608		NCTC2608,ATCC7054, ,
1757	1915	Empedobacter	brevis	Bacteria	11163		NCTC11163, ,
1758	1916	Chryseobacterium	gleum	Bacteria	11432		NCTC11432,ATCC35910, ,
1759	1917	Flavobacterium	thermophilum	Bacteria	11526		NCTC11526,CCM3496,BKM1325, ,
1760	1918	Stenotrophomonas	maltophilia	Bacteria	10499		NCTC10499,NCIB9204, ,
1761	1919	Sphingomonas	paucimobilis	Bacteria	11030		NCTC11030,ATCC29837,DSM1098,N CPPB3838, ,
1762	1921	Acinetobacter	calcoaceticus	Bacteria	10291		NCTC10291, ,
1763	1924	Streptococcus	pyogenes	Bacteria	3359		NCTC3359, ,
1764	1925	Streptococcus	pyogenes	Bacteria	8195		NCTC8195, ,
1765	1926	Streptococcus	pyogenes	Bacteria	10866		NCTC10866, ,
1766	1927	Streptococcus	pyogenes	Bacteria	C-203/21/2		NCTC11200, ,
1767	1928	Streptococcus	pyogenes	Bacteria	5969		NCTC5969, ATCC6644, ,
1768	1929	Streptococcus	anginosus	Bacteria	*F68A		NCTC10713, ATCC33397, DSM20563, JCM 129, ,
1769	1931	Acinetobacter	lwoffii	Bacteria	5867		NCTC5867, ,
1770	1933	Brevundimonas	vesicularis	Bacteria	*10900		NCTC10900,ATCC11426,DSM7226, ,
1771	1934	Pseudomonas	aeruginosa	Bacteria	*10332		NCTC10332,ATCC10415,CCEB481,DSM50071,NCI, ICP B2523,JCM5962,
1772	1935	Streptococcus	pneumoniae	Bacteria	A-66		NCTC7978, ,
1773	1936	Streptococcus	pneumoniae	Bacteria	D-39		NCTC7466, ,
1774	1937	Alcaligenes	faecalis subsp.faecalis	Bacteria	IEM14/45		NCTC10416,CCEB554,ATCC15554,DSM30033, ,
1775	1940	Paenibacillus	macerans	Bacteria	1068		NCTC1068, ,
1776	1941	Pseudomonas	taetrolens	Bacteria	8067		NCTC8067, ,
1777	1942	Pseudomonas	aeruginosa	Bacteria	9433		NCTC9433,ATCC14425, ,
1778	1946	Alcaligenes	faecalis subsp.faecalis	Bacteria	3233		NCTC3233,ATCC337,DSM30031, ,
1779	1948	Acinetobacter	calcoaceticus	Bacteria	7250		NCTC7250, ,
1780	1949	Pseudoalteromonas	nigrifaciens	Bacteria	1069		ATCC19375,DSM8810,NCTC1069,NCI B8614,NCDO, ,
1781	1951	Propionibacterium	acnes	Bacteria	*737		NCTC737,ATCC6919,DSM1897, ,
1782	1952	Brevibacillus	borstelensis	Bacteria	298		DSM298,CCM1463, ,
1783	1953	Bacillus	thuringiensis	Bacteria	350		DSM350,IMG1564, ,
1784	1955	Candida	castrensis	Yeasts	8172		CBS8172,ATCC58891,IGC4832,IJFM6033,JCM95, ,
1785	1956	Candida	dendrica	Yeasts	6151		CBS6151,ATCC228

							78,CCRC22609,IF O10272,JCM, NRRLY-7775,
1786	1957	Sugiyamaella	chiloensis	Yeasts	8169		CBS8169,ATCC588 89,CCRC22593,IG C4636,IJFM, JCM9582,
1787	1958	Candida	tepae	Yeasts	8171		CBS8171,IJFM603 2,NRRLY17328, ,
1788	1959	Candida	conglobata	Yeasts	2018		CBS2018,ATCC188 15,IFO0959,JCM23 73,NRRLY-, ,
1789	1960	Candida	cantarellii	Yeasts	4878		CBS4878,ATCC365 88,IFO10269,JCM8 260,NRRLY, VKMY1485,
1790	1961	Candida	bombi	Yeasts	5836		CBS5836,ATCC188 11,MTCC1646,UCD 68-31, ,
1791	1962	Candida	aaseri	Yeasts	1913		CBS1913,ATCC188 05,JCM1689,MTCC 1962,UCD57, ,
1792	1963	Trichosporon	cutaneum var.cutaneum	Yeasts	BR-1		
1793	1964	Candida	versatilis	Yeasts	3(2)		
1794	1965	Candida	parapsilosis	Yeasts	6(2)		
1795	1966	Candida	haemulonii	Yeasts	2(3)		
1796	1967	Rhodotorula	mucilaginosa v ar.mucilaginosa	Yeasts	PD-1(P)		
1797	1968	Geotrichum	klebahnii	Yeasts	PD-1(W)		
1798	1969	Geotrichum	klebahnii	Yeasts	PD-6		
1799	1970	Candida	saitoana	Yeasts			
1800	1971	Saccharomyces	cerevisiae	Yeasts	DBY747		
1801	1972	Saccharomyces	cerevisiae	Yeasts	DJ211-5-3		
1802	1973	Aspergillus	flavus var.columnaris	Fungi	CBS485.65		CBS485.65,ATCC1 6870,NBRC(IFO)53 24,IMI124, ,
1803	1974	Eupenicillium	cinnamopurpur eum	Fungi	429.65		CBS429.65,ATCC1 8489,CBS847.68,N BRC(IFO)6, ,
1804	1975	Aspergillus	japonicus	Fungi	621.78		CBS621.78,IMI312 981, ,
1805	1976	Rhizomucor	tauricus	Fungi	179.69		CBS179.69,IMI137 380,NRRL3695,VK MF1379, ,
1806	1977	Penicillium	purpurogenum	Fungi	286.36		CBS286.36,IMI919 26,NCTC586, ,
1807	1978	Fusarium	equiseti	Fungi	406.86		CBS406.86,IMI309 347, ,
1808	1979	Acidiphilium	sp.	Bacteria	GS18h		
1809	1980	Acidocella	sp.	Bacteria	GS19h		
1810	1981	Actinoplanes	campanulatus	Actinomycetes	43148		DSM43148,ATCC1 5348,CBS190.64,N BRC12511,K, IFO12511,
1811	1982	Candida	chiropterorum	Yeasts	6064		CBS6064,ATCC222 91,DBVPG6014,IF O10271,JCM, ,
1812	1983	Fusarium	acuminatum	Fungi	6227		ATCC36781, ,

1813	1984	Penicillium	aculeatum	Fungi	2129		NRRL2129,ATCC10409,CBS289.48,IMIO40588,N,QM3074,
1814	1985	Penicillium	glabrum	Fungi			
1815	1986	Penicillium	thomii	Fungi	762		
1816	1987	Rhizopus	oryzae	Fungi	6431		NRRL6431,ATCC24563,NRRLA-12916,QM1032, ,
1817	1988	Aspergillus	brevipes	Fungi	2439		ATCC16899,CBS118.53,NBRC(IFO)5821,IMI514, ,
1818	1989	Aspergillus	candidus	Fungi	2297		ATCC13686,IMI78734, ,
1819	1990	Aspergillus	flavipes	Fungi	286		ATCC1030, ,
1820	1991	Aureobasidium	pullulans	Fungi	NRRL Y-12996		ATCC42023,DSM3042, ,
1821	1992	Byssochlamys	nivea	Fungi	2615		ATCC56268, ,
1822	1993	Cladosporium	lignicolum	Fungi	8131		ATCC38493, ,
1823	1994	Penicillium	islandicum	Fungi			
1824	1995	Penicillium	sp.	Fungi			
1825	1996	Penicillium	chrysogenum	Fungi			
1826	1997	Penicillium	glabrum	Fungi			
1827	1998	Penicillium	janczewskii	Fungi			
1828	1999	Penicillium	brevicompactum	Fungi			
1829	2000	Penicillium	funiculosum	Fungi			
1830	2001	Eupenicillium	javanicum	Fungi			
1831	2002	Penicillium	claviforme	Fungi			
1832	2003	Talaromyces	stipitatus	Fungi			
1833	2004	Penicillium	griseofulvum	Fungi			
1834	2005	Penicillium	janthinellum	Fungi			
1835	2006	Penicillium	expansum	Fungi			
1836	2007	Penicillium	viridicatum	Fungi			
1837	2008	Penicillium	aurantiogriseum	Fungi			
1838	2009	Penicillium	pinophilum	Fungi			
1839	2010	Penicillium	purpurogenum	Fungi			
1840	2011	Penicillium	corylophilum	Fungi			
1841	2012	Penicillium	oxalicum	Fungi			
1842	2013	Aureobasidium	pullulans	Fungi	NRRL Y-12971		ATCC62922, ,
1843	2014	Fusarium	compactum	Fungi			
1844	2015	Fusarium	moniliforme var.subglutinans	Fungi			
1845	2017	Trichoderma	polysporum	Fungi			
1846	2018	Colletotrichum	musae	Fungi			
1847	2019	Verticillium	tricorpus	Fungi			
1848	2020	Colletotrichum	coffeanum	Fungi			
1849	2021	Dictyoarthrinium	sacchari	Fungi			
1850	2022	Acremonium	persicinum	Fungi			
1851	2023	Trichoderma	virens	Fungi			
1852	2024	Gliocladium	roseum	Fungi			
1853	2025	Acremonium	implicatum	Fungi			

1854	2026	Acremonium	strictum	Fungi			
1855	2027	Acremonium	recifei	Fungi			
1856	2028	Beauveria	bassiana	Fungi			
1857	2029	Chaetomium	funicola	Fungi	IMI300511		IMI300511, ,
1858	2030	Curvularia	lunata	Fungi			
1859	2031	Gliocladium	catenulatum	Fungi	IMI288054		IMI288054, ,
1860	2032	Gymnascella	dankaliensis	Fungi			
1861	2033	Glomerella	cingulata	Fungi	IMI358257		
1862	2034	Glomerella	cingulata	Fungi	IMI202931		
1863	2035	Microascus	cinereus	Fungi	IMI285964		IMI285964, ,
1864	2036	Nectria	inventa	Fungi			
1865	2037	Preussia	vulgaris	Fungi	IMI335948		IMI335948, ,
1866	2038	Periconia	manihoticola	Fungi			
1867	2039	Phialophora	cyclaminis	Fungi	IMI182020		IMI182020, ,
1868	2040	Paecilomyces	fumosoroseus	Fungi			
1869	2042	Paecilomyces	farinosus	Fungi			
1870	2043	Paecilomyces	variotii	Fungi			
1871	2044	Paecilomyces	lilacinus	Fungi			
1872	2045	Alternaria	dauci	Fungi			
1873	2046	Sarocladium	oryzae	Fungi			
1874	2047	Trichoderma	viride	Fungi			
1875	2048	Trichoderma	pseudokoningii	Fungi			
1876	2049	Trichoderma	pseudokoningii	Fungi			
1877	2050	Paecilomyces	variotii	Fungi			
1878	2051	Trichoderma	koningii	Fungi			
1879	2052	Trichoderma	longibrachiatu m	Fungi			
1880	2053	Trichoderma	saturnisporum	Fungi			
1881	2054	Trichoderma	piluliferum	Fungi	IMI185209		IMI185209, ,
1882	2055	Ulocladium	consortiale	Fungi			
1883	2056	pGR71	(in B.subtilis)	Plasmids	BGSC1E51		
1884	2057	Bacillus	subtilis	Bacteria	BGSC1A274		
1885	2058	Verticillium	albo-atrum	Fungi			
1886	2059	Alternaria	helianthi	Fungi			
1887	2060	Alternaria	alternata	Fungi			
1888	2061	Verticillium	fungicola	Fungi			
1889	2062	Pochonia	chlamydosporiu m var. chlamyd osporium	Fungi			
1890	2063	Verticillium	dahliae	Fungi			
1891	2064	Verticillium	nigrescens	Fungi			
1892	2065	Verticillium	nubilum	Fungi	IMI278734		IMI278734, ,
1893	2066	Verticillium	theobromae	Fungi	IMI341304		IMI341304, ,
1894	2067	Lecanicillium	lecanii	Fungi			
1895	2068	Verticillium	psalliotae	Fungi			
1896	2069	Verticillium	dahliae	Fungi			
1897	2070	Waitea	circinata	Fungi			
1898	2071	Colletotrichum	capsici	Fungi			
1899	2072	Cochliobolus	victoriae	Fungi			
1900	2073	Gelasinospora	inversa	Fungi	IMI284094		IMI284094, ,
1901	2074	Colletotrichum	acutatum	Fungi			

1902	2075	Helminthosporium	solani	Fungi		
1903	2076	Colletotrichum	coccodes	Fungi		
1904	2077	Bipolaris	sacchari	Fungi		
1905	2078	Embellisia	abundans	Fungi		
1906	2079	Fusarium	decemcellulare	Fungi		
1907	2080	Fusarium	tricinctum	Fungi		
1908	2081	Fusarium	sp.	Fungi		
1909	2082	Fusarium	solani	Fungi		
1910	2083	Fusarium	pallidoroseum	Fungi		
1911	2084	Fusarium	crookwellense	Fungi		
1912	2085	Fusarium	sambucinum	Fungi		
1913	2086	Fusarium	poae	Fungi		
1914	2087	Fusarium	oxysporum	Fungi		
1915	2088	Fusarium	moniliforme	Fungi		
1916	2089	Fusarium	graminearum	Fungi		
1917	2090	Fusarium	culmorum	Fungi		
1918	2091	Fusarium	lateritium	Fungi		
1919	2092	Fusarium	moniliforme var.intermedium	Fungi		
1920	2093	Cylindrocarpon	destructans	Fungi		
1921	2094	Cylindrocarpon	candidum	Fungi		
1922	2095	Cylindrocarpon	ianthothele	Fungi		
1923	2096	Phoma	sorghina	Fungi		
1924	2097	Cylindrocladium	camelliae	Fungi		
1925	2098	Curvularia	lunata	Fungi		
1926	2099	Fusarium	chlamydosporum	Fungi		
1927	2100	Phoma	betae	Fungi		
1928	2101	Alternaria	solani	Fungi		
1929	2102	Alternaria	brassicicola	Fungi		
1930	2103	Arthrotrichum	oligospora	Fungi		
1931	2104	Botrytis	cinerea	Fungi	IMI225854	IMI225854, ,
1932	2105	Bipolaris	bicolor	Fungi		
1933	2106	Colletotrichum	dematium	Fungi		
1934	2107	Colletotrichum	sublineolum	Fungi		
1935	2108	Colletotrichum	curcumae	Fungi		
1936	2109	Colletotrichum	lindemuthianum	Fungi		
1937	2110	Colletotrichum	truncatum	Fungi		
1938	2111	Colletotrichum	crassipes	Fungi		
1939	2112	Cochliobolus	spicifer	Fungi		
1940	2113	Cochliobolus	sativus	Fungi		
1941	2114	Cochliobolus	miyabeanus	Fungi		
1942	2115	Cochliobolus	lunatus	Fungi		
1943	2116	Cochliobolus	pallescens	Fungi		
1944	2117	Cochliobolus	verruculosus	Fungi		
1945	2118	Cochliobolus	hawaiiensis	Fungi		
1946	2119	Cochliobolus	eragrostidis	Fungi		
1947	2120	Cochliobolus	kusanoi	Fungi		

1948	2121	Cochliobolus	geniculatus	Fungi		
1949	2122	Ceratocystis	paradoxa	Fungi		
1950	2123	Corynespora	cassicola	Fungi		
1951	2124	Escherichia	coli	Plasmids	ECE63	
1952	2125	Escherichia	coli	Plasmids	ECE62	
1953	2126	Escherichia	coli	Plasmids	ECE64	
1954	2128	Codinaea	simplex	Fungi		
1955	2129	Epicoccum	nigrum	Fungi		
1956	2130	Curvularia	senegalensis	Fungi		
1957	2131	Ceratocystis	paradoxa	Fungi		
1958	2132	Lagenidium	giganteum	Fungi		
1959	2133	Cladosporium	oxysporum	Fungi		
1960	2134	Glomerella	cingulata	Fungi		
1961	2135	Mycosphaerella	pinodes	Fungi		
1962	2136	Cladosporium	cladosporioides	Fungi		
1963	2137	Cladosporium	macrocarpum	Fungi		
1964	2138	Nimbya	scirpicola	Fungi		
1965	2139	Setosphaeria	prolata	Fungi		
1966	2140	Myrothecium	verrucaria	Fungi		
1967	2141	Westerdykella	dispersa	Fungi		
1968	2142	Oedocephalum	nicotianae	Fungi	IMI262704	IMI262704, ,
1969	2143	Cladosporium	herbarum	Fungi		
1970	2144	Chaetomium	bostrychodes	Fungi	IMI325809	IMI325809, ,
1971	2145	Pleospora	tarda	Fungi	IMI135456	IMI135456,MUCL11 717,CBS714.68,QM 137, ,
1972	2146	Stachybotrys	chartarum	Fungi		
1973	2147	Ceratocystis	paradoxa	Fungi		
1974	2148	Pithomyces	graminicola	Fungi		
1975	2149	Setosphaeria	rostrata	Fungi		
1976	2150	Trichothecium	roseum	Fungi		
1977	2151	Trichurus	sp.	Fungi		
1978	2152	Ulocladium	atrum	Fungi		
1979	2153	Scolecobasidium	constrictum	Fungi		
1980	2154	Thielavia	terricola	Fungi		
1981	2155	Thanetophorus	cucumeris	Fungi		
1982	2156	Athelia	rolfsii	Fungi		
1983	2157	Sclerotium	hydrophilum	Fungi		
1984	2158	Neurospora	tetrasperma	Fungi		
1985	2159	Nodulisporium	griseobrunneum	Fungi		
1986	2160	Aureobasidium	pullulans	Fungi		
1987	2161	Phomopsis	oryzae	Fungi	IMI202962	IMI202962, ,
1988	2162	Rhizoctonia	oryzae-sativae	Fungi		
1989	2163	Phomopsis	mangiferae	Fungi	IMI280033	IMI280033, ,
1990	2164	Ceratobasidium	cornigerum	Fungi		
1991	2165	Tiarosporella	phaseolina	Fungi		
1992	2166	Phomopsis	anacardii	Fungi		
1993	2167	Papulaspora	byssina	Fungi		
1994	2168	Natrassia	mangiferae	Fungi		

1995	2169	Ascodesmis	nana	Fungi		
1996	2170	Scopulariopsis	brevicaulis	Fungi		
1997	2171	Guignardia	citricarpa	Fungi		
1998	2172	Guignardia	musae	Fungi	IMI147360	IMI147360, ,
1999	2173	Guignardia	mangiferae	Fungi	IMI260576	IMI260576, ,
2000	2174	Glomerella	cingulata	Fungi	IMI351996	IMI351996, ,

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
2001	2175	Colletotrichum	crassipes	Fungi	IMI300589		IMI300589, ,
2002	2176	Colletotrichum	crassipes	Fungi	IMI351997		IMI351997, ,
2003	2177	Glomerella	cingulata	Fungi	IMI226802		IMI226802, IHEM340, ,
2004	2178	Glomerella	cingulata	Fungi	IMI226803		IMI226803, ,
2005	2179	Glomerella	cingulata	Fungi	IMI180269		IMI180269, ,
2006	2180	Glomerella	cingulata	Fungi	IMI62076		IMI062076, ,
2007	2181	Colletotrichum	gloeosporioides	Fungi	IMI302916		IMI302916, ,
2008	2182	Colletotrichum	gloeosporioides	Fungi	IMI355860		CBS147.28, ,
2009	2183	Cephaloscypha	fragrans	Fungi	IMI46868		ATCC12091, CBS150.61, DAOM33766, NBRC(IFO)3, ,
2010	2184	Glomerella	cingulata	Fungi	IMI179647		IMI179647, ,
2011	2185	Glomerella	cingulata	Fungi	IMI355859		
2012	2186	Glomerella	cingulata	Fungi	IMI358286		
2013	2187	Septoria	passerinii	Fungi	IMI166081		IMI166081, ,
2014	2188	Guignardia	citricarpa	Fungi			
2015	2189	Glomerella	cingulata	Fungi	IMI356875		ATCC36036, ,
2016	2190	Colletotrichum	gloeosporioides	Fungi	IMI356585		
2017	2191	Gloeosporium	fructigenum	Fungi	IMI356876		ATCC38240, ,
2018	2192	Penicillium	pinophilum	Fungi	1960		DSM1960, ATCC9644, CBS170.60, IFO6345, IMI08, NRRLA5245, QM391, ,
2019	2193	Chaetomium	globosum	Fungi	1962		DSM1962, ATCC6205, CBS148.51, NBRC(IFO)6347, ,
2020	2194	Trichoderma	virens	Fungi	1963		DSM1963, ATCC9645, CBS243.65, CBS430.54, DSM, IMI45553, MUCL19014, NRRL2314, ,
2021	2195	Aureobasidium	pullulans var. melanigenum	Fungi	DSM2404		DSM2404, ATCC9348, CBS621.80, IMI145194, NCI, ,
2022	2196	Aspergillus	brasiliensis	Fungi	63263		DSM63263, ATCC9642, CBS246.65, NBRC(IFO)634, ,
2023	2197	Verticillium	glaucum	Fungi	DMSRDE34		DMSRDE34, ,
2024	2198	Rhizopus	stolonifer	Fungi	DMSRDE39		DMSRDE39, ,
2025	2199	Aspergillus	carbonarius	Fungi	DMSRDE84		DMSRDE84, ,
2026	2200	Aspergillus	ustus	Fungi	DMSRDE99		DMSRDE99, ,
2027	2201	Chaetomium	indicum	Fungi	DMSRDE451		DMSRDE451, ,
2028	2202	Aspergillus	candidus	Fungi	DMSRDE460		DMSRDE460, ,
2029	2203	Penicillium	janthinellum	Fungi	DMSRDE849		DMSRDE849, ,
2030	2204	Fusarium	udum	Fungi	DMSRDE859		DMSRDE859, ,
2031	2205	Paecilomyces	variotii	Fungi	DMSRDE943		DMSRDE943, ,
2032	2206	Aspergillus	flavus	Fungi	DMSRDE944		DMSRDE944, ,
2033	2207	Aspergillus	terreus	Fungi	DMSRDE945		DMSRDE945, ,
2034	2208	Aspergillus	tubingensis	Fungi	DMSRDE946		DMSRDE946, ,
2035	2209	Mariannaea	elegans	Fungi	DMSRDE1078		DMSRDE1078, ,
2036	2210	Phoma	glomerata	Fungi			
2037	2211	Colletotrichum	gloeosporioides	Fungi	IMI355861		CBS160.50, ,

2038	2212	Glomerella	cingulata	Fungi	IMI356874		ATCC26261, ,
2039	2213	Colletotrichum	acutatum	Fungi	IMI356586		
2040	2214	Colletotrichum	acutatum	Fungi	IMI356587		IMI356587, ,
2041	2215	Colletotrichum	acutatum	Fungi	IMI356588		
2042	2216	Colletotrichum	acutatum	Fungi	IMI356589		
2043	2217	Colletotrichum	acutatum	Fungi	IMI356590		
2044	2218	Glomerella	cingulata	Fungi	IMI356877		
2045	2219	Glomerella	cingulata	Fungi	IMI356878		
2046	2220	Glomerella	cingulata	Fungi	IMI356880		
2047	2221	Glomerella	cingulata	Fungi	IMI356881		
2048	2222	Colletotrichum	acutatum	Fungi	IMI357009		
2049	2223	Colletotrichum	crassipes	Fungi	IMI357008		
2050	2224	Colletotrichum	crassipes	Fungi	IMI357007		
2051	2225	Colletotrichum	crassipes	Fungi	IMI357006		
2052	2226	Colletotrichum	acutatum	Fungi	IMI357005		IMI357005, ,
2053	2227	Glomerella	cingulata	Fungi	IMI356879		
2054	2228	Glomerella	cingulata	Fungi	IMI346020		IMI346020, ,
2055	2229	Colletotrichum	crassipes	Fungi	IMI357010		
2056	2230	Colletotrichum	crassipes	Fungi	IMI357011		
2057	2231	Colletotrichum	crassipes	Fungi	IMI357012		
2058	2232	Colletotrichum	crassipes	Fungi	IMI357014		
2059	2233	Rhizopus	oryzae	Fungi	NRRL2582		NRRL2582, ,
2060	2234	Saccharomyces	sp.	Yeasts	319265		IMI319265, ,
2061	2235	Colletotrichum	crassipes	Fungi	IMI357015		
2062	2236	Colletotrichum	crassipes	Fungi	IMI357016		
2063	2237	Colletotrichum	crassipes	Fungi	IMI357017		IMI357017, ,
2064	2238	Glomerella	cingulata	Fungi	IMI357018		
2065	2239	Colletotrichum	crassipes	Fungi	IMI357019		IMI357019, ,
2066	2240	Glomerella	cingulata	Fungi	IMI357020		
2067	2241	Glomerella	cingulata	Fungi	IMI357021		
2068	2242	Colletotrichum	crassipes	Fungi	IMI357022		
2069	2243	Colletotrichum	gloeosporioides	Fungi	IMI357023		
2070	2244	Colletotrichum	crassipes	Fungi	IMI357024		
2071	2245	Colletotrichum	crassipes	Fungi	IMI357025		IMI357025, ,
2072	2246	Colletotrichum	crassipes	Fungi	IMI357026		
2073	2247	Colletotrichum	acutatum	Fungi	IMI357027		
2074	2248	Bacillus	amyloliquefaciens subsp. amyloliquefaciens	Bacteria	1067		DSM1067, ,
2075	2249	Achromobacter	ruhlandii	Bacteria	653		DSM653, ATCC15749, ,
2076	2250	Agrobacterium	tumefaciens	Bacteria	30199		DSM30199, ,
2077	2251	Agrobacterium	tumefaciens	Bacteria	30206		DSM30206, ,
2078	2252	Pseudomonas	putida	Bacteria	549		DSM549, ,
2079	2253	Phlebia	livida ssp.livida	Fungi	301		
2080	2254	Phlebia	livida ssp.tuberculata	Fungi	1283		
2081	2255	Phlebia	livida ssp.livida	Fungi	1290		
2082	2256	Phlebia	livida ssp.tuberculata	Fungi	1455		
2083	2257	Phlebia	livida	Fungi	1509		

			ssp.tuberculata				
2084	2258	Phlebia	livida ssp.tuberculata	Fungi	1518		
2085	2259	Phlebia	livida ssp.tuberculata	Fungi	1798		
2086	2260	Phlebia	livida ssp.tuberculata	Fungi	1812		
2087	2261	Phlebia	livida ssp.tuberculata	Fungi	1814		
2088	2262	Phlebia	livida ssp.livida	Fungi	2088		
2089	2263	Phlebia	livida ssp.tuberculata	Fungi	2127		
2090	2264	Phlebia	livida ssp.livida	Fungi	2189		
2091	2265	Phlebia	livida ssp.tuberculata	Fungi	2221		
2092	2266	Phlebia	livida ssp.tuberculata	Fungi	2222		
2093	2267	Phlebia	livida ssp.tuberculata	Fungi	2242		
2094	2268	Pseudomonas	fluorescens	Bacteria	2005		DSM2005, ,
2095	2269	Pseudomonas	fluorescens	Bacteria	1976		DSM1976, ,
2096	2270	Pseudomonas	putida	Bacteria	3263		DSM3263,IFO1299 6, ,
2097	2271	Raoultella	terrigena	Bacteria	2687		DSM2687,CIP80.07 , ,
2098	2272	Raoultella	planticola	Bacteria	2688		DSM2688,ATCC33 558,CIP81.36, ,
2099	2273	Paenibacillus	amylolyticus	Bacteria	3034		DSM3034,ATCC99 95,NRRLB-377,JC M9906, ,
2100	2274	Bacillus	subtilis	Bacteria	C1		
2101	2275	Klebsiella	oxytoca	Bacteria	A1		
2102	2276	Raoultella	planticola	Bacteria	B1(M)		
2103	2277	Raoultella	planticola	Bacteria	B2(M)		
2104	2278	Raoultella	planticola	Bacteria	B3(M)		
2105	2279	Ascochyta	phleina	Fungi			
2106	2280	Cochliobolus	cymbopogonis	Fungi	IMI130402		IMI130402, ,
2107	2281	Ceratocystis	fimbriata	Fungi	IMI288878		IMI288878, ,
2108	2282	Didymosphaeria	donacina	Fungi	IMI187053		IMI187053, ,
2109	2283	Sordaria	humana	Fungi	IMI126605		IMI126605, ,
2110	2284	Setosphaeria	turcica	Fungi			
2111	2285	Penicillium	venetum	Fungi	IMI19759		IMI019759,CBS201 .57,ATCC16025,Q M840,MUCL, ,
2112	2287	Virgibacillus	pantothenticus	Bacteria	VA		
2113	2288	Acinetobacter	calcoaceticus	Bacteria	1a		
2114	2289	Acinetobacter	calcoaceticus	Bacteria	1b		
2115	2290	Acinetobacter	calcoaceticus	Bacteria	2a		
2116	2291	Acinetobacter	calcoaceticus	Bacteria	2b		
2117	2292	Staphylococcus	lentus	Bacteria	3a		
2118	2293	Staphylococcus	lentus	Bacteria	3b		
2119	2294	Paenibacillus	macerans	Bacteria	MCX6		
2120	2295	Pseudomonas	aeruginosa	Bacteria	SR		
2121	2296	Bacillus	pumilus	Bacteria	IIP.B13		

2122	2297	<i>Pseudomonas</i>	<i>aeruginosa</i>	Bacteria	IIP.B15		
2123	2298	<i>Brevibacillus</i>	<i>laterosporus</i>	Bacteria	IIP.A20		
2124	2299	<i>Bacillus</i>	<i>pumilus</i>	Bacteria	B1		
2125	2300	<i>Pseudomonas</i>	<i>stutzeri</i>	Bacteria	B2		
2126	2301	<i>Bacillus</i>	<i>circulans</i>	Bacteria	LV1		
2127	2302	<i>Bacillus</i>	<i>coagulans</i>	Bacteria	TBG7		
2128	2303	<i>Bacillus</i>	sp.	Bacteria	KVA		
2129	2304	<i>Beijerinckia</i>	<i>indica</i> subsp. <i>lacticogenes</i>	Bacteria	BW7		
2130	2305	<i>Beijerinckia</i>	<i>indica</i> subsp. <i>indica</i>	Bacteria	SSG5		
2131	2308	<i>Sphingomonas</i>	<i>paucimobilis</i>	Bacteria	P(Pink)		
2132	2310	<i>Brevibacillus</i>	<i>laterosporus</i>	Bacteria	TRA/BB3		
2133	2312	<i>Bacillus</i>	<i>licheniformis</i>	Bacteria	K1		
2134	2313	<i>Phoma</i>	<i>medicaginis</i> var. <i>pinodella</i>	Fungi			
2135	2314	<i>Phoma</i>	<i>eupyrena</i>	Fungi			
2136	2315	<i>Phoma</i>	<i>exigua</i>	Fungi			
2137	2316	<i>Phoma</i>	<i>leveillei</i>	Fungi			
2138	2317	<i>Phoma</i>	<i>epicoccina</i>	Fungi			
2139	2318	<i>Phoma</i>	<i>exigua</i> var. <i>foveata</i>	Fungi			
2140	2319	<i>Phoma</i>	<i>herbarum</i>	Fungi			
2141	2320	<i>Phoma</i>	<i>macrostoma</i>	Fungi			
2142	2321	<i>Phoma</i>	<i>exigua</i> var. <i>exigua</i>	Fungi			
2143	2322	<i>Phoma</i>	<i>exigua</i> var. <i>exigua</i>	Fungi			
2144	2323	<i>Phoma</i>	<i>fimeti</i>	Fungi			
2145	2324	<i>Ascotricha</i>	<i>xylina</i>	Fungi	IMI290443		IMI290443, ,
2146	2325	<i>Aspergillus</i>	<i>repens</i>	Fungi	IMI94150		IMI94150, ,
2147	2326	<i>Monascus</i>	<i>ruber</i>	Fungi	IMI81596		IMI0,ATCC15670,C BS135.60,IFO8451, ,
2148	2327	<i>Pyrenophora</i>	<i>erythrospila</i>	Fungi			
2149	2328	<i>Leptosphaeruli</i> <i>na</i>	<i>trifolii</i>	Fungi	IMI340961		
2150	2329	<i>Memnoniella</i>	<i>echinata</i>	Fungi			
2151	2330	<i>Ascosphaera</i>	<i>atra</i>	Fungi	IMI225010		IMI225010,CBS524 .75, ,
2152	2331	<i>Phomopsis</i>	<i>coffaeae</i>	Fungi			
2153	2332	<i>Setosphaeria</i>	<i>rostrata</i>	Fungi			
2154	2333	<i>Ascobolus</i>	<i>crenulatus</i>	Fungi	IMI85125		IMI085125,CBS121 .59, ,
2155	2334	<i>Claviceps</i>	<i>purpurea</i>	Fungi			
2156	2335	<i>Scedosporium</i>	<i>apiospermum</i>	Fungi			
2157	2336	<i>Ramichloridium</i>	<i>subulatum</i>	Fungi			
2158	2337	<i>Galactomyces</i>	<i>geotrichum</i>	Yeasts			
2159	2338	<i>Hypoxyton</i>	<i>serpens</i>	Fungi	IMI254607		IMI254607, ,
2160	2339	<i>Hirsutella</i>	<i>thompsonii</i>	Fungi	IMI234140		IMI234140,CBS952 .73, ,
2161	2340	<i>Gliocladium</i>	<i>catenulatum</i>	Fungi			
2162	2341	<i>Scytalidium</i>	<i>thermophilum</i>	Fungi	T49.5.1		CBS620.91, ,
2163	2342	<i>Scytalidium</i>	<i>thermophilum</i>	Fungi	15.1		CBS619.91, ,

2164	2343	Scytalidium	thermophilum	Fungi	15.8		CBS671.88, ,
2165	2344	Scytalidium	thermophilum	Fungi	77.7.8		CBS622.91, ,
2166	2345	Massariothea	triseptata	Fungi	BRIP15801–2345		
2167	2346	Massariothea	similis	Fungi	BRIP15841–2346		
2168	2347	Penicillium	purpurogenum	Fungi	828		
2169	2348	Monilinia	laxa	Fungi			
2170	2349	Botrytis	cinerea	Fungi	B.c.12		
2171	2350	Botrytis	cinerea	Fungi	B.c.1		
2172	2351	Botrytis	cinerea	Fungi	B.c.10		
2173	2352	Botrytis	cinerea	Fungi	B.c.66		
2174	2353	Penicillium	solitum	Fungi	P–1		IMI359733, ,
2175	2354	Eremascus	albus	Fungi	IMI100446a		IMI100466a, ,
2176	2355	Pyrenophora	erythrospila	Fungi			
2177	2356	Setosphaeria	turcica	Fungi			
2178	2357	Setosphaeria	prolata	Fungi			
2179	2362	Rhodococcus	rhodochrous	Actinomycetes	363		DSM363,ATCC4276,DSM43202, ,
2180	2364	Rhizobium	rhizogenes	Bacteria	30200		DSM30200, ,
2181	2365	Bartalinia	robillardoides	Fungi	PPRI1516		
2182	2366	Tiarosporella	graminis var. karoo	Fungi	PPRI1012		
2183	2368	Serpula	lacrymans	Fungi	BFO25		
2184	2369	Serpula	lacrymans	Fungi	BAM133		
2185	2370	Cheiromoniliop hora	elegans	Fungi	PPH7		CBS688.93, ,
2186	2371	Megacapitula	villosa	Fungi	PPH17		
2187	2372	Eremothecium	coryli	Yeasts	318187		IMI318187, ,
2188	2373	Saccharomyces	cerevisiae	Yeasts	860		NCYC860, ,
2189	2374	Saccharomyces	cerevisiae	Yeasts	868		NCYC868, ,
2190	2375	Saccharomyces	cerevisiae	Yeasts	869		NCYC869, ,
2191	2376	Saccharomyces	cerevisiae	Yeasts	870		NCYC870, ,
2192	2379	Mesorhizobium	loti	Bacteria	DK2249		
2193	2380	Bradyrhizobium	sp.	Bacteria	AK2648		
2194	2381	Mesorhizobium	loti	Bacteria	RS3134		
2195	2382	Phomopsis	leptostromiformis var.occidentalis	Fungi	WAC5482		
2196	2383	Coniochaeta	cypraeispora	Fungi	3796		PPRI3796,CBS365.93, ,
2197	2384	Fusarium	tumidum	Fungi	11757		ICMP11757,IMI351949, ,
2198	2385	Trichoderma	koningii	Fungi	T3		
2199	2386	Xanthobacter	flavus	Bacteria	NK		
2200	2387	Bacillus	subtilis	Bacteria	1A 509		
2201	2388	Bacillus	subtilis	Bacteria	1A 334		
2202	2389	Bacillus	subtilis	Bacteria	1A 494		
2203	2390	Bacillus	subtilis	Bacteria	1A 8		
2204	2391	Bacillus	subtilis	Bacteria	1A 482		
2205	2392	Bacillus	subtilis	Bacteria	1A 37		
2206	2393	Bacillus	subtilis	Bacteria	1L 11		

2207	2394	Bacillus	subtilis	Bacteria	1A 57		
2208	2395	Bacillus	subtilis	Bacteria	1A 168		
2209	2396	Bacillus	subtilis	Bacteria	1A 476		
2210	2397	Bacillus	subtilis	Bacteria	1A 683		
2211	2398	Bacillus	subtilis	Bacteria	1A 684		
2212	2399	Fusarium	chlamydosporum	Fungi			
2213	2401	Escherichia	coli	Bacteria	Sa5		
2214	2402	Citrobacter	freundii	Bacteria	Pa4		
2215	2403	Klebsiella	pneumoniae subsp. rhinoscleromatis	Bacteria	Pa12		
2216	2404	Citrobacter	freundii	Bacteria	As6		
2217	2406	Pantoea	agglomerans	Bacteria	CR5		
2218	2407	Arthrobacter	citreus	Actinomycetes	11624		ATCC11624,DSM20133,NCIB8915, ,
2219	2408	Arthrobacter	sp.	Actinomycetes	19558		ATCC19558, ,
2220	2409	Acinetobacter	calcoaceticus	Bacteria	RAG-1		ATCC31012, ,
2221	2411	Bacillus	firmus	Bacteria	FxBa		
2222	2412	Bacillus	megaterium	Bacteria	TB19		
2223	2413	Bacillus	subtilis	Bacteria	TBd		
2224	2414	Bacillus	subtilis	Bacteria	\\'b\\'		
2225	2415	Bacillus	subtilis	Bacteria	\\'\\'		
2226	2416	Trichoderma	atroviride	Fungi			
2227	2417	Trichoderma	viride	Fungi			
2228	2418	Trichoderma	citrinoviride	Fungi			
2229	2420	Serratia	rubidaea	Bacteria	27593		ATCC27593,DSM4480, ,
2230	2421	Pseudomonas	fluorescens	Bacteria	31483		ATCC31483, ,
2231	2422	Bacillus	subtilis	Bacteria	21331		ATCC21331, ,
2232	2423	Bacillus	subtilis	Bacteria	21332		ATCC21332, ,
2233	2424	Citrobacter	freundii	Bacteria	29063		ATCC29063, ,
2234	2425	Aspergillus	tubingensis	Fungi	F-1		ATCC201572, ,
2235	2426	Microbulbifer	elongatus	Bacteria	10144		ATCC10144,DSM6810,NCMB1141, ,
2236	2429	Trichoderma	citrinoviride	Fungi	172792		DAOM172792,ATC C58843,CBS258.85 , ,
2237	2430	Trichoderma	fertile	Fungi	167161		DAOM167161,CBS339.93, ,
2238	2431	Trichoderma	minutisporum	Fungi	167069		DAOM167069,CBS341.93, ,
2239	2432	Trichoderma	pubescens	Fungi	166162		DAOM166162,CBS345.93, ,
2240	2433	Trichoderma	pseudokoningii	Fungi	167678		DAOM167678,CBS818.68,CBS408.91, ,
2241	2434	Trichoderma	croceum	Fungi	167068		DAOM167068,CBS337.93, ,
2242	2435	Trichoderma	sp.	Fungi	183974		DAOM183974,CBS346.93, ,
2243	2436	Trichoderma	longipile	Fungi	177227-1a		DAOM177227-1a,CBS340.93, ,
2244	2437	Trichoderma	strictipile	Fungi	172827		DAOM172827,CBS347.93, ,

2245	2438	Trichoderma	strigosum	Fungi	166121		DAOM166121,ATC C28042,CBS348.93
2246	2439	Trichoderma	tomentosum	Fungi	178713		DAOM178713,CBS 349.93, ,
2247	2440	Trichoderma	crassum	Fungi	164913		DAOM164913, ,
2248	2441	Trichoderma	oblongisporum	Fungi	176226		DAOM176226,CBS 343.93, ,
2249	2443	Bacillus	sp.	Bacteria	R5		
2250	2444	Bacillus	megaterium	Bacteria	Organism-I		
2251	2445	Pseudomonas	putida	Bacteria	CSV86		
2252	2446	Stenotrophomonas	maltophilia	Bacteria	CSV89		
2253	2447	Bacillus	licheniformis	Bacteria	A		
2254	2449	Bacillus	coagulans	Bacteria	2		
2255	2450	Bacillus	licheniformis	Bacteria	3		
2256	2451	Bacillus	subtilis	Bacteria	4		
2257	2452	Micrococcus	luteus	Actinomycetes	1		
2258	2453	Pseudomonas	aeruginosa	Bacteria	10145		ATCC10145,NCIB8 295,NCTC10332,N RRLB-771,, DSM50071, JCM 5962,
2259	2454	Bacillus	sp.	Bacteria	39307		ATCC39307, ,
2260	2455	Pseudomonas	sp.	Bacteria	MC		
2261	2456	Aspergillus	awamori	Fungi	TWF-1		
2262	2458	Pseudomonas	fragi	Bacteria	27363		ATCC27363, ,
2263	2459	Azotobacter	vinelandii	Bacteria	AL1		NCIB12096,ATCC4 78,ATCC8372,DSM 2289, ,
2264	2460	Azotobacter	vinelandii	Bacteria	AL2		
2265	2461	Fusarium	tumidum	Fungi	11589		ICMP11589,PDD62 184, ,
2266	2462	Fusarium	tumidum	Fungi	11590		ICMP11590,PDD62 184, ,
2267	2463	Fusarium	tumidum	Fungi	11760		ICMP11760, ,
2268	2464	Fusarium	tumidum	Fungi	11768		ICMP11768,PDD59 747, ,
2269	2465	Bacillus	licheniformis	Bacteria	Ig(b)		
2270	2466	Bacillus	pumilis	Bacteria	Y3		
2271	2468	Aneurinibacillus	aneurinilyticus	Bacteria	O/C4		
2272	2469	Streptomyces	aburaviensis	Actinomycetes	IDA.28		
2273	2470	Micrococcus	luteus	Actinomycetes	Sarcina lutea		
2274	2471	Fusarium	pallidroseum	Fungi	1		
2275	2472	Cladosporium	cladosporioides	Fungi	3		
2276	2473	Bacillus	sp.	Bacteria	IIP.AS1		
2277	2474	Pseudomonas	aeruginosa	Bacteria	O/C3		
2278	2475	Pseudomonas	putida	Bacteria	SM		
2279	2476	Pseudomonas	putida	Bacteria	SR		
2280	2477	Gliocladium	viride	Fungi			
2281	2478	Trichoderma	longibrachiatum	Fungi	18648		ATCC18648,CBS81 6.68,DAOM167674, WFPL259A, ,
2282	2479	Aspergillus	tubingensis	Fungi	2		
2283	2480	Fusarium	oxysporum f.sp.pisi	Fungi			

2284	2481	Trichoderma	saturnisporum	Fungi	18903		ATCC18903,CBS330.70,IMI146852, ,
2285	2482	Trichoderma	parceramosum	Fungi	28019		ATCC28019,ATCC58842,CBS259.85,DAOM165773, ,
2286	2483	Aspergillus	fumigatus	Fungi	g7		
2287	2484	Trichoderma	virens	Fungi	13213		ATCC13213,CBS249.59,DAOM167651, MUCL7585, ,
2288	2485	Fusarium	oxysporum	Fungi	2		
2289	2486	Trichoderma	atroviride	Fungi	28036		ATCC28036,CBS351.93,DAOM165779, ,
2290	2488	Pseudomonas	aeruginosa	Bacteria	19154		ATCC19154, ,
2291	2489	Pseudomonas	stutzeri	Bacteria	17591		ATCC17591, ,
2292	2492	Pseudomonas	putida	Bacteria	IV		
2293	2493	Pseudomonas	stutzeri	Bacteria	V		
2294	2494	Penicillium	decumbens	Fungi	42		
2295	2495	Flavobacterium	sp.	Bacteria	27551		ATCC27551, ,
2296	2498	Helicosporium	indicum	Fungi			
2297	2499	Beauveria	felina	Fungi			
2298	2500	Streptomyces	bikiniensis	Actinomycetes	6		
2299	2501	Aspergillus	flavus	Fungi	h8		
2300	2502	Streptomyces	albaduncus	Actinomycetes	3		
2301	2503	Streptomyces	violaceoruber	Actinomycetes	4		
2302	2504	Streptomyces	chromofuscus	Actinomycetes	5		
2303	2505	Streptomyces	aurantiacus	Actinomycetes	10		
2304	2506	Streptomyces	nogalater	Actinomycetes	AC80		
2305	2507	Promicromonospora	sp.	Actinomycetes	AC90		
2306	2508	Aspergillus	fumigatus	Fungi	AG16		
2307	2509	Candida	parapsilosis	Yeasts	PD-3(S)		
2308	2510	Galactomyces	geotrichum	Yeasts	PD-3(F)		
2309	2511	Candida	parapsilosis	Yeasts	PD-4		
2310	2512	Candida	parapsilosis	Yeasts	PD-10		
2311	2513	Candida	parapsilosis	Yeasts	PD-11(S)		
2312	2514	Galactomyces	geotrichum	Yeasts	PD-11(F)		
2313	2515	Candida	parapsilosis	Yeasts	TWY-1		
2314	2516	Blastobotrys	adeninivorans	Yeasts	IIP-31		
2315	2517	Blastobotrys	adeninovorans	Yeasts	IIP-32		
2316	2518	Rhodotorula	minuta var.minuta	Yeasts	IIP-33		
2317	2519	Rhodotorula	mucilaginosa var. mucilaginosa	Yeasts	TWY-3		
2318	2520	Rhodotorula	mucilaginosa var. mucilaginosa	Yeasts	TWY-2		
2319	2521	Aniptodera	salsuginosa	Fungi	32577		NBRC(IFO)32577, ,
2320	2522	Micrococcus	roseus	Actinomycetes	20447		DSM20447,CCM679,NCTC7523,ATCC186, ,
2321	2523	Arthrobacter	agilis	Actinomycetes	20550		DSM20550,ATCC966,CCM2390,NCD0983,NCTC750, ,

2322	2524	Streptomyces	albogriseolus	Actinomycetes	40003		DSM40003,ATCC23875,CBS614.68,NBRC12834,I, RIA1101,JCM4004,JCM4616,IFO12834,
2323	2525	Streptomyces	caeruleus	Actinomycetes	40088		DSM40088,ATCC19793,CBS545.68,NBRC12804,I, RIA1072,IFO12804,
2324	2526	Streptomyces	cacaoi subsp. Cacaoi	Actinomycetes	40186		DSM40186,ATCC14961,ATCC23878,CBS617.68,N, L23878,RIA1140,IFO12837,
2325	2527	Streptomyces	argenteolus	Actinomycetes	40226		DSM40226,ATCC11009,ATCC23882,CBS662.68,N, RIA1168,JCM4623,IFO12841,
2326	2528	Streptomyces	anulatus	Actinomycetes	40265		DSM40265,ATCC15858,ATCC23898,CBS684.68,N, RIA1187,IFO12853,
2327	2529	Streptomyces	avidinni	Actinomycetes	40526		DSM40526,ATCC27419,CBS730.72,NBRC13429,I, RIA1390,IFO13429,
2328	2530	Streptomyces	sp.	Actinomycetes	40416		DSM40416,ATCC19825,25432,CBS665.69,NBRC1, IFO13022,
2329	2531	Streptomyces	eurocidicus	Actinomycetes	40604		DSM40604,ATCC27428,CBS792.72,NBRC13491,I, RIA1452,RIA733,JCM4029,IFO13491,
2330	2532	Streptomyces	luteosporus	Actinomycetes	40833		DSM40833,NRRL2401,JCM4542, ,
2331	2533	Streptomyces	netropsis	Actinomycetes	40846		DSM40846,NCIB8936,NRRL2886,NBRC15815,JCM, IFO15815,
2332	2534	Streptomyces	puniceus	Actinomycetes	40938		DSM40938,CBS308.55,ETH20731,NCIB9345,NRR, ,
2333	2535	Trichoderma	viride	Fungi	52440		ATCC52440, ,
2334	2536	Paecilomyces	variotii	Fungi	20764		ATCC20764, ,
2335	2537	Aureobasidium	pullulans var. melanigenum	Fungi	42371		ATCC42371, ,
2336	2538	Aspergillus	tubingensis	Fungi	66565		ATCC66565, ,
2337	2539	Penicillium	chrysogenum	Fungi	66564		ATCC66564, ,
2338	2541	Rhizopus	oryzae	Fungi	62073		ATCC62073, ,
2339	2542	Stemphylium	loti	Fungi	24601		ATCC24601, ,
2340	2543	Acremonium	strictum	Fungi	34063		ATCC34063,IMI178506, ,
2341	2544	Aspergillus	fumigatus	Fungi	34065		ATCC34065, ,
2342	2545	Lasiodiplodia	theobromae	Fungi			
2343	2546	Aspergillus	tubingensis	Fungi	7797		ATCC7797, ,
2344	2547	Penicillium	citrinum	Fungi	9849		ATCC9849,IFO6352,IMI061272,NRRL756,QM122, ,
2345	2548	Phoma	herbarum	Fungi	12569		ATCC12569,ATCC52425, ,

2346	2549	Aureobasidium	pullulans var. melanigenum	Fungi	34621		ATCC34621, ,
2347	2550	Aspergillus	fumigatus	Fungi	13073		ATCC13073, ,
2348	2551	Aspergillus	fumigatus	Fungi	46645		ATCC46645, ,
2349	2552	Penicillium	funiculosum	Fungi	11797		ATCC11797,NRRL 3467,NRRLA-622, NRRLA1616,Q, ,
2350	2553	Penicillium	citrinum	Fungi	MG49		ATCC96916, ,
2351	2554	Trichoderma	parceramosum	Fungi	36936		ATCC36936,NRRL 3091, ,
2352	2555	Lecytophora	mutabilis	Fungi	62739		ATCC62739, ,
2353	2556	Actinoallomurus	spadix	Actinomycetes	43459		DSM43459,ATCC2 7298,KCCA-0146, NBRC14099,I, JCM 3146,CBS261.72,N CIB11118,IMET975 2,
2354	2557	Actinocorallia	libanotica	Actinomycetes	43554		DSM43554,ATCC3 5576,JCM3284,IME T9616,JCM1, KCC A0284,NBRC14095 ,IFO14095,NCIB11 686,NR,
2355	2558	Rhodococcus	equi	Actinomycetes	43199		DSM43199,ATCC1 4887,NCIB10027, ,
2356	2559	Actinomadura	macra	Actinomycetes	43862		DSM43862,ATCC3 1286,NBRC14102,I FO14102,JC, IMET9754,
2357	2560	Actinomadura	atramentaria	Actinomycetes	43919		DSM43919,NBRC1 4695,IFO14695,JC M6250, ,
2358	2561	Saccharomyces	cerevisiae	Yeasts	X2180-1A		YGSC-X2180-1A, ,
2359	2562	Saccharomyces	cerevisiae	Yeasts	MW327-10C-pmsl^		YGSC, ,
2360	2563	Saccharomyces	cerevisiae	Yeasts	BR214-4a		YGSC-BR214-4A, ,
2361	2564	Saccharomyces	cerevisiae	Yeasts	FY23		ATCC90840, ,
2362	2565	Saccharomyces	cerevisiae	Yeasts	FY67		ATCC90841, ,
2363	2566	Saccharomyces	cerevisiae	Yeasts	FY69		ATCC90842, ,
2364	2567	Saccharomyces	cerevisiae	Yeasts	FY73		ATCC90843, ,
2365	2568	Saccharomyces	cerevisiae	Yeasts	FY833		ATCC90844, ,
2366	2569	Saccharomyces	cerevisiae	Yeasts	FY834		ATCC90845, ,
2367	2570	Mycobacterium	chlorophenolicum	Actinomycetes	49826		ATCC49826, ,
2368	2571	Corynebacterium	sp.	Actinomycetes	29355		ATCC29355, ,
2369	2572	Rhodococcus	zopfii	Actinomycetes	51349		ATCC51349,DSM4 4108, ,
2370	2573	Corynebacterium	sp.	Actinomycetes	49955		ATCC49955, ,
2371	2574	Rhodococcus	sp.	Actinomycetes			
2372	2575	Pseudomonas	sp.	Bacteria			
2373	2576	Trichoderma	crassum	Fungi	164916		DAOM164916,CBS

							336.93, ,
2374	2577	Paecilomyces	variotii	Fungi	167057		DAOM167057,CBS 102160, ,
2375	2578	Aspergillus	terreus var. aureus	Fungi	BICC707		
2376	2579	Aspergillus	flavus	Fungi	BICC713		
2377	2580	Aspergillus	terreus	Fungi	BICC715		
2378	2581	Pseudomonas	aeruginosa	Bacteria	PA1(OU)		
2379	2582	Pseudomonas	aeruginosa	Bacteria	PA2(OU)		
2380	2583	Syncephalastrum	racemosum	Fungi	BICC709		
2381	2584	Aspergillus	fumigatus	Fungi	BICC708		
2382	2585	Paecilomyces	variotii	Fungi	BICC710		
2383	2586	Emericella	nidulans var.dentata	Fungi	BICC711		
2384	2587	Aspergillus	tubingensis	Fungi	EW9/M		
2385	2588	Bacillus	licheniformis	Bacteria	EW/8/M		
2386	2589	Trichoderma	viride	Fungi	TV1(Ou)		
2387	2590	Aspergillus	flavus	Fungi	EW7/M		
2388	2591	Rhizopus	stolonifer	Fungi	EW4/M		
2389	2592	Cryptosporiopsis	radicicola	Fungi	15599		MUCL39469, ,
2390	2593	Cryptosporiopsis	radicicola	Fungi	15871		
2391	2594	Aspergillus	tubingensis	Fungi	1		
2392	2595	Aureobasidium	pullulans var. melanogenum	Fungi	DMSRDE–RB–OF–2		
2393	2596	Pectinotrichum	llanense	Fungi	GPCK501		
2394	2597	Chrysosporium	carmichaelii	Fungi	GPCK503		
2395	2598	Acremonium	strictum	Fungi	GPCK505		
2396	2599	Acremonium	sp.	Fungi	GPCK506		
2397	2600	Gymnoascus	petalosporus	Fungi	GPCK504		
2398	2601	Malbranchea	pulchella	Fungi	GPCK509		
2399	2602	Acremonium	strictum	Fungi	DMSRDE–RB–OF–3		
2400	2603	Acremonium	strictum	Fungi			
2401	2604	Alternaria	alternata	Fungi			
2402	2605	Curvularia	oryzae	Fungi			
2403	2606	Libertella	heveae	Fungi	DMSRDE–RB–OF–1		
2404	2607	Cladosporium	cladosporioides	Fungi			
2405	2608	Eurotium	chevalieri	Fungi			
2406	2609	Spegazzinia	parkeri	Fungi			
2407	2610	Chaetomium	globosum	Fungi			
2408	2611	Curvularia	oryzae	Fungi			
2409	2612	Aspergillus	tubingensis	Fungi	F7		
2410	2613	Aspergillus	tubingensis	Fungi	F8		
2411	2614	Streptomyces	phaeochromog enes	Actinomycetes	DW1		
2412	2615	Staphylococcus	lentus	Bacteria	X6		
2413	2616	Bacillus	subtilis	Bacteria	S1		
2414	2617	Bacillus	licheniformis	Bacteria	S21		
2415	2618	Bacillus	licheniformis	Bacteria	S23		
2416	2619	Pseudomonas	sp.	Bacteria	29354		ATCC29354, ,
2417	2620	Bacillus	subtilis	Bacteria	35946		ATCC35946, ,

2418	2621	Lactobacillus	plantarum	Bacteria	8014		ATCC8014,DSM20205,ICPB2080,NCD082,NCIB63, ,
2419	2622	Escherichia	coli	Bacteria	10798		ATCC10798, ,
2420	2624	Saccharomyces	cerevisiae	Yeasts	LRA2		ATCC90669, ,
2421	2625	Saccharomyces	cerevisiae	Yeasts	LRA3		ATCC90670, ,
2422	2626	Saccharomyces	cerevisiae	Yeasts	LS18		
2423	2627	Saccharomyces	cerevisiae	Yeasts	LS19		
2424	2628	Saccharomyces	cerevisiae	Yeasts	LS20		
2425	2629	Saccharomyces	cerevisiae	Yeasts	LS21		
2426	2630	Saccharomyces	cerevisiae	Yeasts	LS22		
2427	2631	Saccharomyces	cerevisiae	Yeasts	LS24		
2428	2632	Saccharomyces	cerevisiae	Yeasts	DBY1034		
2429	2633	Saccharomyces	cerevisiae	Yeasts	DBY2499		
2430	2634	Saccharomyces	cerevisiae	Yeasts	DBY2505		
2431	2635	Zygosaccharomyces	rouxii	Yeasts	381		NCYC381,CBS7804, ,
2432	2636	Saccharomyces	cerevisiae	Yeasts	NCYC 505		ATCC18824,CBS1171,CCRC21447,CECT1942,DBV, IFO10217,IGC4455,JCM7225,NRRLY-12632, ,
2433	2637	Wickerhamomyces	chambardii	Yeasts	NRRLY-2378		ATCC24238,CBS1900,CCRC21758,IFO1274,JCM3, ,
2434	2638	Candida	versatilis	Yeasts	NRRLY-7226		ATCC36633,CBS5981,CCRC21407,CCY26-61-2,I, VKMY-2599, ,
2435	2639	Staphylococcus	epidermidis	Bacteria	S2		
2436	2640	Pseudomonas	aeruginosa	Bacteria	WDY1		
2437	2642	Pseudomonas	aeruginosa	Bacteria	Strain 1		
2438	2643	Pseudomonas	stutzeri	Bacteria	Strain 3		
2439	2644	Aneurinibacillus	aneurinilyticus	Bacteria	Strain 4		
2440	2645	Serratia	marcescens	Bacteria	Strain 5		
2441	2646	Memnoniella	echinata	Fungi	F5		
2442	2647	Penicillium	sp.	Fungi	F1		
2443	2648	Penicillium	janthinellum	Fungi	F10		
2444	2649	Mucor	minutus	Fungi	F3		
2445	2650	Penicillium	sp.	Fungi	F2		
2446	2651	Pseudomonas	pseudoalcaligenes	Bacteria	10860		NCTC10860,ATCC17440,ICPB2750-63,NCPPB197, ,
2447	2652	Pseudomonas	synxantha	Bacteria	10696		NCTC10696,ATCC9890,IFO3913,NRRLB-780, ,
2448	2653	Klebsiella	pneumoniae	Bacteria	5050		NCTC5050,NCTC5

			subsp.ozaenae				052,ATCC11298, ,
2449	2654	Aeromonas	liquefaciens	Bacteria	9744		NCTC9744, ,
2450	2655	Janthinobacterium	lividum	Bacteria	9796		NCTC9796,ATCC12473,DSM1522,CCM160,NCIB91, ,
2451	2656	Chromobacterium	violaceum	Bacteria	9757		NCTC9757,ATCC12472,DSM30191,NCIB9131, ,
2452	2657	Trichosporiella	flavificans	Yeasts	902		NCYC902,AJ4997,CBS6735,CBS760.69,IFO1573, ,
2453	2658	Pseudozyma	fusiformata	Yeasts	1384		NCYC1384,ATCC38777,CBS6951,CBS423.96,DBV, IGC4833,JCM3931,NRRLY-17173,
2454	2659	Candida	succiphila	Yeasts	1403		NCYC1403,ATCC46049,CBS8003,CCRC21610,IAM, NCYC1403,NRRLY-11998,
2455	2660	Lindnera	jadinii	Yeasts	769		NCYC769,ATCC22023,CBS621,CCRC21990,DBVPG, NRRLY-7586,VKMY-74,VKPMY-839, ,
2456	2661	Cryptococcus	albidus var.albidus	Yeasts	445		NCYC445,ATCC10666,CBS142,CCY17-14-1,IFO0, IFO0764,JCM2334,MUCL30400,NCYC445, NRRLY-,
2457	2662	Cryptococcus	luteolus	Yeasts	591		NCYC591,ATCC32044,CBS943,CCRC22372,DBVPG, JCM3689,MUCL30415 ,NCYC591,NRRLY-2541,VKM,
2458	2663	Cryptococcus	marinus	Yeasts	784		NCYC784,ATCC22974,CBS5235,IFO1979,IGC301, NRRLY12945,NRRLY-17369,
2459	2664	Williopsis	saturnus	Yeasts	23		NCYC23,IFO0117, ,
2460	2665	Schizosaccharomyces	pombe var.pombe	Yeasts	132		NCYC132,ATCC24751,ATCC26192,NRC213002, ,
2461	2666	Kazachstania	barnettii	Yeasts	DBVPG6370		DBVPG6370,ATCC60475,CBS6946, ,
2462	2667	Penicillium	restrictum	Fungi	F4		
2463	2668	Trichoderma	pseudokoningii	Fungi	F6		
2464	2669	Aspergillus	aculeatus	Fungi	J		ITCC2218.95, ,
2465	2670	Aureobasidium	pullulans var. melanigenum	Fungi	H		ITCC2221.95, ,
2466	2671	Fusarium	solani	Fungi	I		ITCC2219.95, ,
2467	2672	Streptococcus	pneumoniae	Bacteria	7465		NCTC7465,ATCC33400,DSM20566, ,
2468	2673	Curvularia	oryzae	Fungi	EW/03/20/4		
2469	2674	Phellinus	eugeniae	Fungi	TFRI660		CCRC35446, ,
2470	2675	Ustilaginoidea	ochracea	Fungi			
2471	2676	Trichothecium	roseum	Fungi	F14		
2472	2677	Penicillium	purpurogenum	Fungi	F15		

2473	2678	Rhodococcus	sp.	Actinomycetes	15587		ATCC15587,DSM20165, ,
2474	2679	Corynebacterium	glutamicum	Actinomycetes	13058		ATCC13058, ,
2475	2680	Corynebacterium	glutamicum	Actinomycetes	ATCC13868		ATCC13868, DSM20301, NCIB9694, ,
2476	2681	Brevibacterium	album	Actinomycetes	15111		ATCC15111, ,
2477	2682	Arthrobacter	protophormiae	Actinomycetes	17775		ATCC17775, ,
2478	2683	Rhodococcus	sp.	Actinomycetes	15588		ATCC15588, ,
2479	2684	Clostridium	sporogenes	Bacteria	532		NCTC532,ATCC19404,DSM1664,NCIB5326, ,
2480	2685	Actinokineospora	inagensis	Actinomycetes	15663		IFO15663,NBRC15663,DSM44258,JC M9923,KCTC, ,
2481	2686	Actinokineospora	globicatena	Actinomycetes	15664		IFO15664,NBRC15664,DSM44256,JC M9922,KCTC, ,
2482	2687	Actinokineospora	diospyrosa	Actinomycetes	15665		IFO5665,NBRC15665,DSM44255,JCM9921,KCTC9, ,
2483	2688	Actinokineospora	terrae	Actinomycetes	15668		IFO15668,NBRC15668,DSM44260,JC M9924,KCTC, ,
2484	2689	Aerococcus	viridans	Bacteria	DOSA		
2485	2690	Citrobacter	braakii	Bacteria	51113		ATCC51113, ,
2486	2691	Paenibacillus	alginolyticus	Bacteria	51185		ATCC51185,DSM5050,JCM9068, ,
2487	2692	Escherichia	coli	Bacteria	53846		ATCC53846, ,
2488	2693	Azospirillum	amazonense	Bacteria	35119		ATCC35119,DSM2787, ,
2489	2696	Streptococcus	oralis	Bacteria	9811		ATCC9811, ,
2490	2697	Paenibacillus	chondroitinus	Bacteria	51184		ATCC51184, ,
2491	2698	Cryptococcus	curvatus	Yeasts	NRRLY-1511		ATCC10567,CBS570,DBVPG6206,IFO1159,IGC25, VKM Y-2230,
2492	2699	Ogataea	philodendri	Yeasts	7266		NRRLY-11837,ATCC36633,CBS6075, CCRC22161,, ,
2493	2700	Pichia	burtonii	Yeasts	1933		NRRL1933,ATCC13169,CBS2352,CCRC22087,DBV, JCM3708,MUCL31899 ,NCYC439,
2494	2701	Wickerhamomyces	onychis	Yeasts	7123		NRRLY-7123,ATCC24486,CBS5587,IFO1682,NCY, ,
2495	2702	Candida	oregonensis	Yeasts	Y-5850		NRRLY-5850,ATCC42268,CBS5036, CCRC21575,D, JCM1811,UCD60-73,
2496	2703	Kuraishia	capsulata	Yeasts	Y-2237		NRRLY-2237,ATCC2516,CBS136,CCRC20328,CCR, IFO10296,JCM1997,VKMY-750,
2497	2704	Candida	insectorum	Yeasts	Y-7787		NRRLY-7787,ATCC22940,CBS6213, CCRC21754,I, ,
2498	2705	Wickerhamomyces	sydowiorum	Yeasts	Y-7130		NRRLY-7130,ATC

		ces					C58369,CBS5995, CCRC22381,I, ,
2499	2706	Pseudozyma	antarctica	Yeasts	Y-8195		NRRLY-8195,ATC C34888,CBS5955, CBS214.83,D, ,
2500	2707	Torulaspora	globosa	Yeasts	PBA-22		
2501	2708	Brevibacillus	parabrevis	Bacteria	VK1		
2502	2709	Kazachstania	spencerorum	Yeasts	DBVPG6746		DBVPG6746,CBS3 019,IFO1617,NRRL Y-17920,VK, ,
2503	2710	Kazachstania	sp.	Yeasts	DBVPG6748		DBVPG6748,ATCC 60635,CBS5530, ,
2504	2711	Kazachstania	barnettii	Yeasts	DBVPG6365		DBVPG6365,CBS5 648,NRRLY-17918, ,
2505	2712	Actinokineospo ra	riparia	Actinomycetes	IFO14541		IFO14541,NBRC14 541,DSM44259,JC M7471,ATCC, NRR LB-16432,CCRC13 450,
2506	2713	Starmera	queruum	Yeasts	949		IFO0949,ATCC242 54,CBS2283,CCRC 21532,IFO1, NRRL YB-4281,VKMY-12 87,VKPMY-978,
2507	2714	Wickerhamia	fluorescens	Yeasts	1116		IFO1116,ATCC242 62,CBS4565,CCRC 21430,DBVP, UCD60-5,
2508	2715	Lindnera	rhodanensis	Yeasts	1272		IFO1272,ATCC241 91,CBS5518,CCRC 21580,IJFM, NRRL Y-2381,NRRLY-78 54,UCD567,
2509	2716	Barnettozyma	wickerhamii	Yeasts	1278		IFO1278,ATCC242 15,CBS4107,CCRC 22438,FMJ9, NRRL YB-4402,UCD60-2 3,
2510	2717	Yamadazyma	scolyti	Yeasts	1280		IFO1280,ATCC242 12,CBS4802,CCRC 21579,CCY3, UCD5962,
2511	2718	Barnettozyma	salicaria	Yeasts	1281		IFO1281,ATCC223 08,CBS5456,CCRC 22179,ICM3, UCD6 1344,VKMY-1288, VKPMY-120,VKPM Y-975,
2512	2719	Millerozyma	acaciae	Yeasts	1681		IFO1681,ATCC223 03,CBS5656,CCRC 22439,CSIR, ,
2513	2720	Ogataea	trehalophila	Yeasts	1683		IFO1683,ATCC223 07,CBS5361,CCRC 21582,IFO1, NRRL Y-6781,VKMY-128 9,VKPMY-118,UCD 62-509,
2514	2721	Saturnispora	besseyi	Yeasts	1707		IFO1707,ATCC229 66,CBS6343,CCRC 22446,JCM1, VKMY-2084,
2515	2722	Priceomyces	castillae	Yeasts	1823		IFO1823,ATCC189 77,CBS6053,CCRC 22440,CCY3, ,

2516	2723	Alternaria	alternata	Fungi	F17		
2517	2724	Alternaria	alternata	Fungi	F18		
2518	2725	Penicillium	chrysogenum	Fungi	26818		ATCC26818, ,
2519	2726	Rhizopus	oryzae	Fungi	II		
2520	2727	Monodictys	asperospora	Fungi	VI		
2521	2728	Enterococcus	hirae	Bacteria	9790		ATCC9790,ATCC8043,CCUG18659,CUG1332,DSM, ,
2522	2729	Enterococcus	faecalis	Bacteria	10100		ATCC10100, ,
2523	2730	Pseudomonas	syringae	Bacteria			
2524	2731	Bacillus	sp.	Bacteria	TB-7		
2525	2733	Aspergillus	japonicus	Fungi	IV		
2526	2734	Trichoderma	parceramosum	Fungi	FC16		
2527	2735	Penicillium	thomii	Fungi	7		
2528	2736	Penicillium	thomii	Fungi	10		
2529	2737	Aspergillus	foetidus	Fungi			
2530	2738	Aspergillus	allahabadii	Fungi			
2531	2739	Aspergillus	terricola var. americanus	Fungi	DMSRDE/RB/OF-4		
2532	2740	Botryotinia	fuckeliana	Fungi	MATI-1		
2533	2741	Botryotinia	fuckeliana	Fungi	MATI-2		
2534	2742	Pleurophoma	cava	Fungi	535.66		CBS535.66, ,
2535	2743	Comamonas	testosteroni	Bacteria	1455		DSM1455,IAM1152, ,
2536	2744	Ancylobacter	sp.	Actinomycetes	1106		DSM1106,ATCC21373, ,
2537	2745	Corynebacterium	glutamicum	Actinomycetes	1412		DSM1412,ATCC13869,NCIB9567, ,
2538	2746	Corynebacterium	glutamicum	Actinomycetes	20598		DSM20598,ATCC13825, ,
2539	2747	Candida	rhagii	Yeasts	R5		
2540	2748	Rhodotorula	phyloplana	Yeasts	R6		
2541	2749	Rhodosporeidum	toruloides	Yeasts	R7		
2542	2750	Rhodosporeidum	toruloides	Yeasts	R8		
2543	2751	Aspergillus	janus var. brevis	Fungi	DMSRDE/RB/OF-4		
2544	2752	Paecilomyces	lilacinus	Fungi	1		
2545	2753	Preussia	isomera	Fungi	415.82		CBS415.82, ,
2546	2754	Trichoderma	inhamatum	Fungi	273.78		CBS273.78,IMI287526, ,
2547	2755	Fusarium	udum	Fungi	2		
2548	2756	Bacillus	subtilis	Bacteria	KK-2B10		
2549	2757	Bacillus	subtilis	Bacteria	GK-2B10		
2550	2758	Pseudomonas	marginalis	Bacteria	A		IMI369122, ,
2551	2759	Pseudomonas	sp.	Bacteria	B		IMI369121, ,
2552	2760	Erwinia	sp.	Bacteria	C		IMI369119, ,
2553	2761	Bacillus	sp.	Bacteria	D		IMI369125, ,
2554	2762	Stenotrophomonas	maltophilia	Bacteria	E		IMI369126, ,
2555	2763	Bacillus	subtilis	Bacteria	F		IMI369127, ,
2556	2764	Rhodotorula	bogoriensis	Yeasts	70872		DSM70872,ATCC18809,CBS4101,CCRC21521,CCY, IGC

						3422,JCM1962,MU CL11976,NRRLY-2 332,NRR,
2557	2765	Sugiyamaella	smithiae	Yeasts	70751	DSM70751,ATCC1 8414,CBS5657,CC Y29-100-1,I, ,
2558	2766	Candida	haemulonii	Yeasts	70624	DSM70624,ATCC2 2991,CBS5149,CC Y26602,DBVP, IFO 10001,JCM3762,N RRLY-6693,
2559	2767	Candida	nemodendra	Yeasts	70647	DSM70647,ATCC3 6593,CBS6280,IFO 10299,NRRL, ,
2560	2768	Candida	sp.	Yeasts	70866	DSM70866,ATCC3 4356,CBS6875,CC RC21610,IFO, NRR LY-11998,VKMY-2 095,
2561	2769	Pichia	minuta var.minuta	Yeasts	70718	DSM70718,ATCC2 8318,ATCC32658, CBS6502,NRR, VKMY-2085,
2562	2770	Candida	lactis-condensi	Yeasts	70635	DSM70635,ATCC6 0137,CBS52,CCRC 21638,IFO07, NRRLY-1515,
2563	2771	Trichoderma	fasciculatum	Fungi	118.72	CBS118.72,CBS33 8.93,DAOM167646, ,
2564	2772	Talaromyces	derxii	Fungi	413.89	CBS413.89,NHL29 82, ,
2565	2773	Fusarium	oxysporum	Fungi	3	
2566	2774	Syncephalastru m	racemosum	Fungi	RR96	
2567	2775	Rhizopus	oryzae	Fungi	1	
2568	2776	Rhizopus	microsporus var. rhizopodiformis	Fungi	X	
2569	2777	Mucor	hiemalis f.luteus	Fungi	2	
2570	2778	Sporobolomyce s	tsugae	Yeasts	70746	DSM70746,ATCC1 8802,CBS5038,CC RC22373,DBV, NRRLY-5849.,
2571	2779	Mrakia	frigida	Yeasts	70882	DSM70882,ATCC2 2030,CBS5272,IFO 1921,MUCL3, NRRLY-7102,
2572	2780	Mrakia	frigida	Yeasts	4635	DSM4635,ATCC22 031,CBS5266,IFO1 922,NCYC70, ,
2573	2781	Candida	friedrichii	Yeasts	70050	DSM70050,ATCC2 2970,ATCC60210, CBS4114,CCR, IFO 10227,JCM9553,K CTC7625.,
2574	2782	Candida	ernobii	Yeasts	70858	DSM70858,ATCC6 0118,CBS1737,CC RC21620,DBV, JC M9848,NRRLY-129 40,VKMY-2170,
2575	2783	Candida	multigemmis	Yeasts	70862	DSM70862,ATCC2 8317,CBS6524,IFO 10247,JCM9, ,

2576	2784	Aspergillus	versicolor	Fungi	M-006		
2577	2785	Rhizopus	microsporus var. oligosporus	Fungi			
2578	2786	Aspergillus	flavus	Fungi	F12		
2579	2787	Mucor	prayagensis	Fungi	3		
2580	2788	Hypocrea	lactea	Fungi	853.7		CBS853.70, ,
2581	2789	Lepista	irina	Fungi	458.79		CBS458.79,IFO310 52, ,
2582	2790	Omphalotus	olearius	Fungi	164.51		CBS164.51, ,
2583	2791	Phlebia	radiata	Fungi	287.73		CBS287.73, ,
2584	2792	Aspergillus	allahabadii	Fungi	A4		
2585	2793	Rhizomucor	pusillus	Fungi	W		
2586	2794	Rhodococcus	erythropolis	Actinomycetes	311		DSM311,ATCC155 92, ,
2587	2795	Candida	tropicalis	Yeasts	EW/5/20/4		
2588	2796	Aspergillus	parasiticus	Fungi	SRRC2039		
2589	2797	Aspergillus	parasiticus	Fungi	SRRC1008		
2590	2798	Aspergillus	flavus	Fungi	SRRC2089		NRRL18079, ,
2591	2799	Aspergillus	flavus	Fungi	SRRC2092		
2592	2800	Hypomyces	odoratus	Fungi	820.69		CBS820.69, ,
2593	2801	Hypocrea	pilulifera	Fungi	814.68		CBS814.68, ,
2594	2802	Alternaria	tenuissima	Fungi	F11		
2595	2803	Aspergillus	terreus var.terreus	Fungi	UF14		
2596	2804	Penicillium	madrیتی	Fungi	UF16		
2597	2805	Cladosporium	sphaerospermu m	Fungi	1		
2598	2806	Rhodotorula	bacarum	Yeasts	70854		DSM70854,ATCC2 8954,CBS6526,DB VPG7025,IGC, NRRLY-17170,
2599	2807	Corynebacteriu m	glutamicum	Actinomycetes	20411		ATCC14067,NCIB9 565,DSM1413,DSM 20411, ,
2600	2808	Streptomyces	clavifer	Actinomycetes	A1		
2601	2809	Streptomyces	albaduncus	Actinomycetes	A2		
2602	2810	Streptomyces	atratus	Actinomycetes	A3		
2603	2811	Streptomyces	griseoruber	Actinomycetes	A5		
2604	2812	Aspergillus	foetidus	Fungi			
2605	2813	Aspergillus	flavus	Fungi	UF17		
2606	2814	Emericella	nidulans	Fungi	UF18		
2607	2815	Chaetomium	globosum	Fungi	W		
2608	2816	Lasiodiplodia	theobromae	Fungi			
2609	2817	Aspergillus	foetidus	Fungi	DMSRDE/RB/PF1		
2610	2818	Penicillium	expansum	Fungi	UF 21		
2611	2819	Microsporum	gypseum	Fungi	GPCK 563		
2612	2820	Microsporum	canis	Fungi	GPCK 569		
2613	2821	Chrysosporium	tropicum	Fungi	GPCK 565		
2614	2822	Enterobacter	aerogenes	Bacteria	R3		
2615	2823	Enterobacter	aerogenes	Bacteria	R4		
2616	2824	Enterobacter	aerogenes	Bacteria	R6		
2617	2825	Laceyella	sacchari	Actinomycetes			

2618	2826	Streptomyces	cuspidosporus	Actinomycetes	Isolate M		
2619	2827	Chrysosporium	tropicum	Fungi	GPCK 564		
2620	2828	Chrysosporium	tropicum	Fungi	GPCK 566		
2621	2829	Microsporum	gypseum	Fungi	GPCK 576		
2622	2830	Microsporum	gypseum	Fungi	GPCK 579		
2623	2831	Chrysosporium	indicum	Fungi	GPCK 577		
2624	2832	Chrysosporium	indicum	Fungi	GPCK 578		
2625	2833	Chrysosporium	indicum	Fungi	GPCK 580		
2626	2834	Malbranchea	pulchella	Fungi	GPCK 581		
2627	2835	Paecilomyces	lilacinus	Fungi	M5/2		
2628	2837	Microsporum	fulvum	Fungi	GPCK 582		
2629	2838	Chrysosporium	tropicum	Fungi	GPCK 583		
2630	2839	Chrysosporium	tropicum	Fungi	DPCK 584		
2631	2840	Malbranchea	sp.	Fungi	GPCK 585		
2632	2841	Pectinotrichum	llanense	Fungi	GPCK 586		
2633	2842	Escherichia	coli	Plasmids			ATCC37811, ,
2634	2843	Escherichia	coli	Plasmids			ATCC77278, ,
2635	2844	Escherichia	coli	Plasmids			ATCC86980, ,
2636	2845	Escherichia	coli	Plasmids			ATCC77477, ,
2637	2846	Flavobacterium	sp.	Bacteria	2P		
2638	2847	Micrococcus	luteus	Actinomycetes	Cocci		
2639	2848	Micrococcus	luteus	Actinomycetes	B7		
2640	2849	Debaryomyces	hansenii var.hansenii	Yeasts			
2641	2850	Wickerhamomyces	anomalus	Yeasts			
2642	2851	Zygosaccharomyces	baillii	Yeasts	BNA 9092		
2643	2855	Microsporum	gypseum	Fungi	GPCK 587		
2644	2856	Gymnoascoideus	petalosporus	Fungi	GPCK 571		
2645	2857	Chrysosporium	tropicum	Fungi	GPCK 589		
2646	2858	Chrysosporium	tropicum	Fungi	GPCK 590		
2647	2859	Chrysosporium	zonatum	Fungi	GPCK 591		
2648	2860	Chrysosporium	queenslandicum	Fungi	GPCK 592		
2649	2861	Trichoderma	lactea	Fungi	33T		
2650	2862	Chrysosporium	tropicum	Fungi	GPCK 594		
2651	2863	Chrysosporium	tropicum	Fungi	GPCK 595		
2652	2864	Myceliophthora	vellera	Fungi	GPCK 596		
2653	2865	Chrysosporium	carmichaelii	Fungi	GPCK 597		
2654	2866	Trichoderma	atroviride	Fungi	31T		
2655	2867	Microsporum	gypseum	Fungi	GPCK 611		
2656	2868	Byssochlamys	nivea	Fungi	16		
2657	2869	Chrysosporium	tropicum	Fungi	GPCK 613		
2658	2870	Aspergillus	terreus var.terreus	Fungi	17		
2659	2871	Aspergillus	terreus var. terreus	Fungi	20		
2660	2872	Chrysosporium	tropicum	Fungi	GPCK 616		
2661	2873	Chrysosporium	tropicum	Fungi	GPCK 561		
2662	2874	Microsporum	gypseum	Fungi	GPCK 562		

2663	2875	Chalara	angustata	Fungi	46		
2664	2876	Paecilomyces	lilacinus	Fungi	T14/2		
2665	2877	Penicillium	purpurogenum	Fungi	5		
2666	2878	Penicillium	purpurogenum	Fungi	2		
2667	2879	Aspergillus	awamori	Fungi	10		
2668	2880	Botrytis	cinerea	Fungi	LU 1458		ATCC90769, ,
2669	2881	Penicillium	decumbens	Fungi	11		
2670	2882	Neosartorya	fischeri var.fischeri	Fungi	1		
2671	2883	Rhizopus	oryzae	Fungi	4		
2672	2884	Sporotrichum	pruinatum	Fungi	5		
2673	2885	Lindnera	veronae	Yeasts	CSB6591		CBS6591,ATCC34219,CRC22379,IFO1667,LKB32, ,
2674	2886	Torulaspora	pretoriensis	Yeasts	CBS2187		CBS2187,ATCC36245,CCRC21750,DBVPG6306,IF, NRRLY-111,NRRLY-12650,NRRLY-17251,
2675	2887	Wickerhamiella	domercqiae	Yeasts	CBS4351		CBS4351,ATCC24012,CCRC21352,DBVPG6788,IF, ,
2676	2888	Kazachstania	transvaalensis	Yeasts	CBS2186		CBS2186,CCRC21345,DBVPG6757,JCM5178,NRRL, ,
2677	2889	Rhodosporeium	paludigenum	Yeasts	CBS6566		
2678	2890	Rhodosporeium	paludigenum	Yeasts	CBS6757		
2679	2891	Williposia	saturnus.var saturnus	Yeasts	CBS2564		CBS2564,, ATCC16751,CCRC21659,IFO0941,JCM3595,NRRL,
2680	2892	Saccharomyces	vini	Yeasts	CBS4110		
2681	2893	Torulaspora	delbrueckii	Yeasts	CBS133		
2682	2894	Myxozyma	mucilagina	Yeasts	CBS7071		CBS7071,, ATCC42174,CCRC22183,JCM1834,NRRLY-1823,,
2683	2895	Schizosaccharomyces	pombe var.pombe	Yeasts	CBS356		
2684	2896	Debaryomyces	occidentalis var.occidentalis	Yeasts	CBS2864		CBS2864,ATCC26076,CCRC22059,NCYC954,NRRL, ,
2685	2897	Peterozyma	tolenta	Yeasts	CBS2504		CBS2504,ATCC58362,CCRC22231,IFO1275,JCM3,NRRLYB-4247,
2686	2898	Cryptococcus	laurentii var.laurentii	Yeasts	CBS139		CBS139,ATCC18803,CCRC20527,DBVPG6265,IFO, NRRLY-2536,VKMY-1665, VKPMY-219,
2687	2899	Cryptococcus	luteolus	Yeasts	CBS943		ATCC32044,CCRC22372,DBVPG6008,IFO0411,IF, JCM3689,MUCL30415,NCYC591,NRRLY2541,VKMY,
2688	2900	Cryptococcus	flavus	Yeasts	CBS331		CBS331,ATCC10656,CCRC21657,DBV

						PG6004,IFO, MUC L27744,NRRLY-1585, VKMY2232,
2689	2901	Williopsis	saturnus var.suaveolens	Yeasts	CBS255	CBS255,, CCRC2227,IFO10698,NRRLY-17391,
2690	2902	Torulaspota	globosa	Yeasts	CBS764	CBS764,, CCRC21649,DBVPG6843,IFO1160,NCYC820,NRRL,
2691	2904	Paenibacillus	larvae subsp.pulvifaciens	Bacteria	3615	DSM3615,ATCC49843,NCIB11201,NRRLB-3685, ,
2692	2905	Staphylococcus	carneus subsp.carneus	Bacteria	M.005	
2693	2908	Sporosarcina	psychrophila	Bacteria	3	DSM3, ATCC23304, CCM2117, NRRL-NRS1530, ,
2694	2909	Bacillus	flexus	Bacteria	1320	DSM1320,NRS665, ATCC49095, ,
2695	2910	Bacillus	mycoides	Bacteria	2048	DSM2048,ATCC6462, ,
2696	2911	Paenibacillus	macrers	Bacteria	2892	DSM2892,ATCC7069, ,
2697	2912	Paenibacillus	pabuli	Bacteria	3036	DSM3036,ATCC43899,LMG11158,NCIMB12781,JC, ,
2698	2913	Paenibacillus	validus	Bacteria	3037	DSM3037,ATCC43897,NRRLNRS-1000, ,
2699	2914	Corynebacterium	sp.	Actinomycetes		
2700	2915	Arthrobacter	protophormiae	Actinomycetes	M005 orange	
2701	2916	Cryptococcus	macrers	Yeasts	CBS2206	CBS2206,ATCC24194,CCRC21576,IFO1870,MUCL,UCD68-219,
2702	2917	Kurtzmanomyces	nectairei	Yeasts	CBS6405	CBS6405,, ATCC32127,CCRC22300,IFO10118,IGC4528,JC, ,
2703	2918	Saccharomyces	cerevisiae	Yeasts	HA0	YGSC-XP837-S10, ,
2704	2919	Saccharomyces	cerevisiae	Yeasts	HB0	YGSC-XP837-S11, ,
2705	2920	Saccharomyces	cerevisiae	Yeasts	HA1	YGSC-XP300-28B, ,
2706	2921	Saccharomyces	cerevisiae	Yeasts	HB1	YGSC-XP823-S34, ,
2707	2922	Saccharomyces	cerevisiae	Yeasts	HA2,HAR	YGSC-XP832-S25, ,
2708	2923	Saccharomyces	cerevisiae	Yeasts	HB2,HBR	YGSC-XP820-S4, ,
2709	2925	Saccharomyces	cerevisiae	Yeasts	HA12	YGSC-XP300-29C , ,
2710	2926	Saccharomyces	cerevisiae	Yeasts	HB12	YGSC XP837-S5, ,
2711	2927	Saccharomyces	cerevisiae	Yeasts	HAT	YGSC-XP837-S5, ,
2712	2928	Saccharomyces	cerevisiae	Yeasts	HBT	YGSC-XP837-S6, ,

2713	2929	Sporotrichum	pruinatum	Fungi	2		
2714	2930	Sporotrichum	pruinatum	Fungi	3		
2715	2931	Trichoderma	pseudokoningii	Fungi			
2716	2932	Chrysosporium	indicum	Fungi	GPCK 577		
2717	2933	Pectinotrichum	llanense	Fungi	GPCK 575		
2718	2934	Aureobasidium	pullulans var.pullulans	Fungi	P		
2719	2935	Fusarium	solani	Fungi	3		
2720	2936	Aspergillus	versicolor	Fungi	7		
2721	2937	Trichoderma	longibrachiatum	Fungi			
2722	2938	Aspergillus	foetidus	Fungi			
2723	2939	Escherichia	coli	Bacteria	ESS-2231		
2724	2940	Staphylococcus	aureus supsp.aureus	Bacteria	MLS16		
2725	2941	Lactobacillus	plantarum	Bacteria	20205		DSM20205,ATCC8014,NCIB6376,CCM1904,NCDO2, ,
2726	2942	Novosphingobium	capsulatum	Bacteria	30196		DSM30196, ATCC14666, NCIB9890, IFO12533, , ,
2727	2943	Sphingomonas	paucimobilis	Bacteria	1098		DSM1098, ATCC29837, NCTC 11030,NCPPB3838 , ,
2728	2944	Bacillus	schlegelii	Bacteria	2000		DSM2000,ATCC43741, ,
2729	2946	Kondoa	malvinella	Yeasts	CBS6083		CBS6083,ATCC24058,CCRC22470,IAM13565,IFO, NRRL Y-7197,VKPMY-1570,
2730	2947	Cryptococcus	vishniacii	Yeasts			ATCC46400,CBS8142,JCM9423,NRRL Y-17203, ,
2731	2948	Kondoa	malvinella	Yeasts	CBS6082		CBS6082,ATCC24059,CCRC22471,DB VPG7023,IA, JCM3789,NRRL Y-7198, VKPMY-1571,
2732	2949	Bacillus	megaterium	Bacteria	EW/2/20/4		
2733	2950	Bacillus	sp.	Bacteria	BI/1/20/4		
2734	2951	Alcaligenes	faecalis subsp.faecalis	Bacteria	B1/2/20/4		
2735	2952	Alcaligenes	faecalis subsp.faecalis	Bacteria	BI/5/20/4		
2736	2953	Bacillus	azotoformans	Bacteria	1046		DSM1046,ATCC29788,CCM2849,CIP-R925, ,
2737	2954	Paenibacillus	lautus	Bacteria	3035		DSM3035,ATCC43898,JCM9073, ,
2738	2955	Terrimonas	ferruginea	Bacteria	30193		DSM30193, ATCC13524,JCM21559, ,
2739	2956	Citrobacter	freundii	Bacteria	I-B		
2740	2958	Cronobacter	sakazakii	Bacteria	III		
2741	2959	Pantoea	agglomerans	Bacteria	IV		
2742	2960	Escherichia	coli	Plasmids			ATCC37256, ,
2743	2961	Escherichia	coli	Plasmids			ATCC37257, ,

2744	2964	Prosthemium	asterosporum	Fungi			
2745	2965	Nectria	serpens	Fungi			
2746	2966	Chaetomium	cuyabenoensis	Fungi			
2747	2967	Wuestneia	epispora	Fungi			
2748	2968	Aspergillus	foetidus	Fungi	7		
2749	2969	Penicillium	janthinellum	Fungi	5		
2750	2970	Stemphylium	sarciniforme	Fungi			
2751	2971	Tritirachium	oryzae	Fungi			
2752	2972	Penicillium	corylophilum	Fungi			
2753	2973	Aspergillus	versicolor	Fungi			
2754	2974	Rhodosporidium	toruloides	Yeasts	ATCC26217		ATCC26217, ,
2755	2975	Pseudomonas	fluorescens	Bacteria	10690		NCTC10690,NCIB8917,ATCC12983, ,
2756	2976	Pseudomonas	sp.	Bacteria			
2757	2977	Trichoderma	virens	Fungi	8T		
2758	2978	Trichoderma	atroviride	Fungi	12T		
2759	2979	Trichoderma	virens	Fungi	16 T		
2760	2980	Trichoderma	lactea	Fungi	20T		
2761	2981	Trichoderma	atroviride	Fungi	19 T		
2762	2982	Trichoderma	piluliferum	Fungi	30 T		
2763	2983	Trichoderma	virens	Fungi	11 T		
2764	2984	Colletotrichum	nupharicola	Fungi	A2		
2765	2985	Colletotrichum	upharicola	Fungi	A7		
2766	2986	Aureobasidium	pullulans var. melanigenum	Fungi			
2767	2987	Micrococcus	luteus	Actinomycetes	Sarcina lutea		
2768	2988	Luteococcus	sp.	Actinomycetes	B2		
2769	2989	Luteococcus	sp.	Actinomycetes	B3		
2770	2990	Enterobacter	aerogenes	Bacteria	Isolate-I		
2771	2991	Escherichia	coli	Bacteria	Isolate-II		
2772	2992	Staphylococcus	gallinarum	Bacteria	Isolate III		
2773	2993	Pseudomonas	stutzeri	Bacteria	TAR-101		
2774	2995	Pseudomonas	mallei	Bacteria	TEM-317		
2775	2996	Brevundimonas	diminuta	Bacteria	TEM-407		
2776	2998	Streptomyces	noboritoensis	Actinomycetes	A-33		
2777	2999	Streptomyces	aurantiogriseus	Actinomycetes	H2/8		
2778	3000	Streptomyces	peuceticus	Actinomycetes	ATCC29050		ATCC29050,IMRU3868,JCM9920, ,
2779	3001	Streptomyces	sp.	Actinomycetes	TK64		
2780	3002	Aspergillus	fumigatus	Fungi	p.d.f.1		
2781	3003	Penicillium	madriti	Fungi			
2782	3004	Fusarium	solani	Fungi	64		
2783	3005	Rhizomucor	pusillus	Fungi	64		
2784	3006	Aspergillus	terreus var.terreus	Fungi	22		
2785	3007	Aspergillus	fumigatus	Fungi	18		
2786	3008	Aspergillus	fumigatus	Fungi	F6		
2787	3009	Penicillium	purpurogenum	Fungi	17(1)		
2788	3010	Penicillium	purpurogenum	Fungi	17(2)		
2789	3011	Trichoderma	pseudokoningii	Fungi	Td-1		
2790	3012	Cryptococcus	skinneri	Yeasts	CBS5029		CBS5029,ATCC241

							99,CCRC21577,DB VPG6011,IF, VMKY-1982,
2791	3013	Candida	wickerhamii	Yeasts	ATCC36540		ATCC36540,CBS29 28,CCRC21495,IF O10322,NRR, ,
2792	3014	Chionosphaera	apobasidialis	Yeasts	ATCC52639		ATCC52639, ,
2793	3015	Fellomyces	penicillatus	Yeasts	ATCC 32128		ATCC32128,CBS54 92,CCRC22297,IF O10119,JCM, ,
2794	3016	Eremothecium	sinecaudum	Yeasts	ATCC58844		ATCC58844,CBS81 99,CCRC21344,DA OM187446,N, ,
2795	3017	Candida	albicans	Yeasts	ATCC90028		ATCC90028, ,
2796	3018	Candida	albicans	Yeasts	ATCC24433		
2797	3019	Candida	glabrata	Yeasts	ATCC90030		ATCC90030, ,
2798	3020	Issatchenkia	orientalis	Yeasts	ATCC6528		ATCC749,ATCC62 58,CBS573,CCRC2 0514,IFO106, JCM 1069,NRRLY-413, NRRLY-7179,
2799	3021	Corynebacterium	acetoglutamicum	Actinomycetes	15806		ATCC15806, ,
2800	3023	Streptomyces	azureus	Actinomycetes	14921		ATCC19728,ATCC 14921,CBS467.68, NBRC12744,, RIA1 009,JCM4564,DSM 40106,IFO12744,
2801	3024	Streptomyces	purpureus	Actinomycetes	21405		ATCC21405,DSM4 3360,JCM3177,KC CA-0177, NRRLB-5737,
2802	3025	Streptomyces	badius	Actinomycetes	39117		ATCC39117, ,
2803	3026	Streptomyces	platensis	Actinomycetes	2364		NRRL2364,ATCC1 3865,ATCC23948, DSM40041,DS, JC M4662,CBS932.68, CBS310.56,NBRC1 2901,NB,
2804	3027	Streptomyces	viridosporus	Actinomycetes	39115		ATCC39115, ,
2805	3028	Streptomyces	microflavus	Actinomycetes	27357		ATCC27357,NRRL 3584, CBS426.75,D SM40752, ,
2806	3030	Klebsiella	oxytoca	Bacteria			
2807	3031	Enterococcus	durans	Bacteria	19432		ATCC19432,NCDO 596,DSM20633,CC M5612,NCTC8, ,
2808	3032	Saccharomyces	cerevisiae	Yeasts	RCR-12		
2809	3033	Wickerhamomyces	anomalus	Yeasts	RCR-4		
2810	3034	Debaryomyces	hansenii var.hansenii	Yeasts	RCR-8		
2811	3035	Actinomadura	cremea subsp.rifamycin i	Actinomycetes	33264		ATCC33264,DSM4 3936,IFO14183,NB RC14183,NR, JCM 3309,NCIB12768,IN A1349,
2812	3036	Bacillus	mycoides	Bacteria			
2813	3037	Bacillus	licheniformis	Bacteria			
2814	3039	Serratia	proteamaculans subsp.protea	Bacteria	BM44		

			maculans				
2815	3040	Klebsiella	pneumoniae subsp. pneumoniae	Bacteria			
2816	3041	Lactococcus	lactis subsp. lactis	Bacteria	BM47		
2817	3044	Alcaligenes	sp.	Bacteria	Dee1		
2818	3045	Bacillus	sp.	Bacteria	Dee2		
2819	3046	Pseudomonas	sp.	Bacteria	Dee6		
2820	3047	Bacillus	sp.	Bacteria	Dee7		
2821	3048	Actinomyces	howellii	Actinomycetes	31i		
2822	3049	Corynebacterium	sp.	Actinomycetes	Allii		
2823	3050	Staphylococcus	warneri	Bacteria	122		
2824	3051	Actinomyces	howellii	Actinomycetes	139i		
2825	3052	Bacillus	licheniformis	Bacteria	177		
2826	3053	Bacillus	subtilis	Bacteria	185		
2827	3054	Bacillus	licheniformis	Bacteria	224		
2828	3055	Bacillus	subtilis	Bacteria	285		
2829	3056	Bacillus	licheniformis	Bacteria	303		
2830	3058	Mycobacterium	kansasii	Actinomycetes	21982		ATCC21982, ,
2831	3059	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP-438		NCYC2387, ,
2832	3060	Schizosaccharomyces	pombe var. pombe	Yeasts	NCYC683		NCYC683, ,
2833	3061	Schizosaccharomyces	japonicus	Yeasts	ABP-15		NCYC419, ,
2834	3062	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP-13		
2835	3063	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP-435		NCYC1992, ,
2836	3064	Brevibacterium	linens	Actinomycetes	NEERI-I		
2837	3065	Rhodococcus	fascians	Actinomycetes	NRP-5		
2838	3066	Rhodococcus	rhodochorous	Actinomycetes	RRL-4		
2839	3067	Trichoderma	virens	Fungi	13T		
2840	3068	Lasiodiplodia	theobromae	Fungi			
2841	3069	Trichoderma	atroviride	Fungi	10T		
2842	3070	Aspergillus	fumigatus	Fungi	WS 1		
2843	3071	Aspergillus	versicolor	Fungi	WS 3		
2844	3072	Acremonium	strictum	Fungi	WS 4		
2845	3073	Acremonium	strictum	Fungi	WS2		
2846	3074	Aureobasidium	pullulans var. melanogenum	Fungi			
2847	3075	Fusarium	oxysporum	Fungi			
2848	3076	Epicoccum	nigrum	Fungi			
2849	3077	Bacillus	licheniformis	Bacteria	317ii		
2850	3078	Bacillus	licheniformis	Bacteria	288i		
2851	3079	Bacillus	licheniformis	Bacteria	96ii		
2852	3080	Corynebacterium	sp.	Actinomycetes	A125i		
2853	3081	Corynebacterium	sp.	Actinomycetes	A316i		
2854	3082	Corynebacterium	sp.	Actinomycetes	A318iii		

2855	3083	Corynebacterium	sp.	Actinomycetes	A315ii		
2856	3084	Brevibacillus	laterosporus	Bacteria	124i		
2857	3085	Bacillus	licheniformis	Bacteria	314ii		
2858	3086	Staphylococcus	epidermidis	Bacteria	S1		
2859	3087	Pseudomonas	sp.	Bacteria			
2860	3088	Paenibacillus	polymyxa	Bacteria	MK-10		
2861	3089	Saccharomyces	cerevisiae	Yeasts	22AB1-6A		
2862	3090	Saccharomyces	cerevisiae	Yeasts	22AB1-6D		
2863	3091	Saccharomyces	cerevisiae	Yeasts	DBY-2022		
2864	3092	Saccharomyces	cerevisiae	Yeasts	DBY-1694		
2865	3093	Saccharomyces	cerevisiae	Yeasts	DBY-1691		
2866	3094	Saccharomyces	cerevisiae	Yeasts	DBY-1690		
2867	3095	Saccharomyces	cerevisiae	Yeasts	DBY-1690/3b		
2868	3096	Rhodococcus	rhodochrous	Actinomycetes	Rhodo		
2869	3097	Arthrobacter	citreus	Actinomycetes	PP		
2870	3098	Brevibacterium	linens	Actinomycetes	YB-1		
2871	3099	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	R/Y/2		
2872	3100	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	KO/Y/12		
2873	3101	Yersinia	intermedia	Bacteria	K/Y/3		
2874	3103	Staphylococcus	aureus supsp.aureus	Bacteria	CBP301		
2875	3104	Alcaligenes	faecalis	Bacteria	R2		
2876	3105	Citrobacter	freundii	Bacteria			
2877	3106	Acremonium	sp.	Fungi	WS5		
2878	3107	Aspergillus	oryzae	Fungi	3107		
2879	3108	Paecilomyces	lilacinus	Fungi			
2880	3109	Fusarium	oxysporum var. zingiberi	Fungi			
2881	3110	Verticillium	chlamydosporium	Fungi			
2882	3111	Trichurus	sp.	Fungi			
2883	3112	Trichoderma	harzianum	Fungi			
2884	3113	Trichoderma	hamatum	Fungi			
2885	3114	Trichoderma	viride	Fungi			
2886	3115	Trichoderma	virens	Fungi			
2887	3116	Thermomonospora	chromogena	Actinomycetes	WSA1		
2888	3117	Micropolyspora	sp.	Actinomycetes	WSA2		
2889	3118	Saccharomonospora	viridis	Actinomycetes	WSA3		
2890	3119	Streptomyces	sp.	Actinomycetes	WSA-5		
2891	3120	Aureobacterium	flavescens	Actinomycetes	G1		
2892	3121	Aureobacterium	sp.	Actinomycetes	G3		

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2893	3122	Moraxella	osloensis	Bacteria	ZP24		
2894	3123	Bacillus	licheniformis	Bacteria			
2895	3124	Serratia	marcescens	Bacteria			
2896	3125	Bacillus	sp.	Bacteria	95i		
2897	3126	Brevibacillus	laterosporus	Bacteria	95ii		
2898	3127	Bacillus	licheniformis	Bacteria	96i		
2899	3128	Brevibacillus	laterosporus	Bacteria	111i		
2900	3129	Bacillus	sp.	Bacteria	111i		
2901	3130	Bacillus	sp.	Bacteria	287i		
2902	3131	Bacillus	sp.	Bacteria	304i		
2903	3132	Bacillus	sp.	Bacteria	317i		
2904	3133	Bacillus	sp.	Bacteria	318i		
2905	3134	Alcaligenes	faecalis	Bacteria	LA-11		
2906	3135	Gluconacetobacter	liquefaciens	Bacteria	BNB 1997		
2907	3136	Brevibacillus	brevis	Bacteria			
2908	3137	Bacillus	coagulans	Bacteria	NHB-2		
2909	3138	Bacillus	coagulans	Bacteria			
2910	3140	Streptomyces	noursei	Actinomycetes	AK20		
2911	3141	Streptomyces	fimbriatus	Actinomycetes	AK21		
2912	3142	Streptomyces	sp.	Actinomycetes	AK35		
2913	3143	Streptomyces	nojiriensis	Actinomycetes	AK25		
2914	3144	Streptomyces	sp.	Actinomycetes	AK26		
2915	3145	Streptomyces	somaliensis	Actinomycetes	AK40		
2916	3146	Streptomyces	sp.	Actinomycetes	AK33		
2917	3147	Bacillus	circulans	Bacteria			
2918	3148	Arthrobacter	citreus	Actinomycetes	ESS		
2919	3149	Corynebacterium	alkanam	Actinomycetes	ATCC21194		ATCC21194, ,
2920	3150	Arthrobacter	sp.	Actinomycetes	G2		
2921	3151	Kocuria	varians	Actinomycetes	G4		
2922	3152	Streptomyces	sp.	Actinomycetes	WSA4		
2923	3153	Streptomyces	sp.	Actinomycetes	PUR-15		
2924	3154	Streptomyces s	sp.	Actinomycetes	GOR-15		
2925	3155	Escherichia	coli CClampda 118 piv	Plasmids	cclambda 118piv		
2926	3156	Saccharomyces	cerevisiae	Yeasts	BY4741		ATCC201388, ,
2927	3157	Saccharomyces	cerevisiae	Yeasts	BY4742		ATCC201389, ,
2928	3158	Corynebacterium	pseudotuberculosis	Actinomycetes	NCTC3450		NCTC3450,DSM20689,ATCC19410, ,
2929	3159	Enterococcus	faecalis	Bacteria	Rana-HB		
2930	3160	Staphylococcus	aureus	Bacteria	3750		NCTC3750, ,
2931	3161	Bacillus	circulans	Bacteria	H		
2932	3162	Brevibacillus	brevis	Bacteria	180		
2933	3163	Pseudomonas	aeruginosa	Bacteria	S1		
2934	3164	Bacillus	coagulans	Bacteria	S4		
2935	3165	Bacillus	megaterium	Bacteria	S7		
2936	3166	Bacillus	sp.	Bacteria	9R		
2937	3167	Trichoderma	aureoviride	Fungi	47		PPRI 3292, ,

2938	3168	Trichoderma	harzianum	Fungi	53		PPRI 3909, ,
2939	3169	Trichoderma	aureoviride	Fungi	56		PPRI 4026, ,
2940	3170	Trichoderma	aureoviride	Fungi	52		PPRI 3098, ,
2941	3171	Trichoderma	aureoviride	Fungi	58		PPRI 4244, ,
2942	3172	Trichoderma	harzianum	Fungi	57		PPRI 4054, ,
2943	3173	Trichoderma	harzianum	Fungi	45		PPRI 3911, ,
2944	3174	Trichoderma	harzianum	Fungi	49		PPRI 3647, ,
2945	3175	Trichoderma	harzianum	Fungi	50		PPRI 3771, ,
2946	3176	Trichoderma	harzianum	Fungi	51		PPRI 3772, ,
2947	3177	Trichoderma	harzianum	Fungi	48		PPRI 3303, ,
2948	3178	Trichoderma	harzianum	Fungi	55		PPRI 3912, ,
2949	3179	Trichoderma	harzianum	Fungi	59		PPRI 4728, ,
2950	3180	Trichoderma	viride	Fungi	203		CBS435.95, ,
2951	3181	Trichoderma	koningii	Fungi	223		
2952	3182	Hypocrea	hunua	Fungi	33		CBS238.63, ,
2953	3183	Hypocrea	citrina var. americana	Fungi	3		CBS976.69,ATCC1 8574, ,
2954	3184	Hypocrea	citrina var. citrina	Fungi	2		CBS977.69, ,
2955	3185	Hypocrea	lactea	Fungi	34		CBS239.63, ,
2956	3186	Trichoderma	oblongisporum	Fungi	222		
2957	3187	Trichoderma	aureoviride	Fungi	230		DAOM175924, ,
2958	3188	Trichoderma	longibrachiatu m	Fungi	228		
2959	3189	Trichoderma	aureoviride	Fungi	235		DAOM177690, ,
2960	3190	Trichoderma	fertile	Fungi	233		DAOM167162, ,
2961	3191	Trichoderma	hamatum	Fungi	237		PPRI3559, ,
2962	3192	Trichoderma	reesei	Fungi			
2963	3193	Trichoderma	reesei	Fungi			
2964	3194	Trichoderma	reesei	Fungi			QM9414, ,
2965	3195	Chrysosporium	tropicum	Fungi	7		
2966	3196	Trichoderma	inhamatum	Fungi	245		
2967	3197	Trichoderma	sp.	Fungi	240		
2968	3198	Trichoderma	harzianum	Fungi	238		
2969	3199	Trichoderma	inhamatum	Fungi	239		
2970	3200	Trichoderma	inhamatum	Fungi	243		
2971	3201	Trichoderma	sp.	Fungi	242		
2972	3202	Trichoderma	sp.	Fungi	241		
2973	3203	Trichoderma	viride	Fungi	247		
2974	3204	Trichoderma	harzianum	Fungi	246		
2975	3205	Trichoderma	inhamatum	Fungi	244		
2976	3206	Hypocrea	aureoviridis	Fungi	37		CBS283.79, ,
2977	3207	Hypocrea	aureoviridis	Fungi	30		CBS245.63, ,
2978	3208	Hypocrea	aureoviridis	Fungi	32		CBS103.69, IMI138258, USMH3030, ,
2979	3209	Trichoderma	atroviride	Fungi	TUBF472		CBS138.79, ,
2980	3210	Metarhizium	anisopliae	Fungi	E/98/1		
2981	3211	Paecilomyces	lilacinus	Fungi	E/98/3		
2982	3212	Chaetomium	globosum	Fungi			
2983	3213	Fusarium	udum	Fungi	E/98/6.1		
2984	3215	Salmonella	sp.	Bacteria	2		

2985	3216	Salmonella	enterica ser. typhi	Bacteria	3		
2986	3217	Salmonella	sp.	Bacteria	4		
2987	3218	Salmonella	enterica (weltevreden)	Bacteria	5A		
2988	3219	Salmonella	enterica	Bacteria	6		
2989	3220	Salmonella	paratyphi	Bacteria	7		
2990	3221	Escherichia	coli	Bacteria	8		
2991	3222	Escherichia	coli	Bacteria	9		
2992	3223	Salmonella	enterica subsp. enterica ser.typhimurium	Bacteria	Chi-536/C		
2993	3224	Salmonella	typhimurium	Bacteria	Chi-603		
2994	3225	Salmonella	newport	Bacteria	BM-704		
2995	3226	Salmonella	newport	Bacteria	Egg-1451		
2996	3227	Salmonella	enterica subsp. enterica ser.Weltevreden	Bacteria	BM-1648		
2997	3228	Salmonella	nchauga	Bacteria	MP-2309		
2998	3229	Salmonella	newport	Bacteria	MSK-3062		
2999	3230	Salmonella	schwarzengrund	Bacteria	HG-4071		
3000	3231	Salmonella	typhimurium	Bacteria	P-4200		

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
3001	3232	Salmonella	enterica subsp. enterica ser.typhimurium	Bacteria	P-4209		
3002	3233	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	T/Y/54		
3003	3234	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	PO/Y/1-3		
3004	3235	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K/Y/30		
3005	3236	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	T/Y/34		
3006	3237	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	PO/Y/2-1		
3007	3238	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	PO/Y/3-1		
3008	3239	Schizosaccharomyces	pombe var. pombe	Yeasts	GP25		
3009	3240	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP20		
3010	3241	Schizosaccharomyces	pombe var. pombe	Yeasts	KN1		
3011	3242	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP320		
3012	3243	Bacillus	sp.	Bacteria	JS1		
3013	3244	Bacillus	licheniformis	Bacteria	RCS3		
3014	3245	Acetobacter	sp.	Bacteria	GSS3		
3015	3246	Acetobacter	aceti	Bacteria	DSS6		
3016	3247	Bacillus	sp.	Bacteria	DSS8		
3017	3248	Bacillus	sp.	Bacteria	G5		
3018	3249	Aeromonas	culicicola	Bacteria	Haemolytic H		CECT5761, ,
3019	3250	Streptomyces	vinaceusdrappus	Actinomycetes	DSM 40470		DSM40470, ATCC25511, CBS653.69, IFO13099, ISP5470, JCM4529, NRRL2363, RIA1291,
3020	3251	Streptomyces	galbus	Actinomycetes	DSM 40480		DSM40480, ATCC14077, CBS700.72, IFO13399, ISP5480, KCCS0327, RIA1360,
3021	3252	Streptomyces	cirratus	Actinomycetes	DSM 40479		DSM40479, ATCC14699, CBS699.72, IFO13398, ISP5479, JCM4738, RIA1359,
3022	3253	Streptomyces	prasinus	Fungi	DSM 40099		DSM40099, ATCC19800, CBS552.68, ETH13815,

							IFO12810, ISP5099, KCCS0192, KCCS0603, R,
3023	3254	Streptomyces	ramulosus	Actinomycetes	DSM40100		DSM40100, ATCC19802, CBS554.68, IFO12812, ISP5100, KCCS0193, RIA1081,
3024	3255	Streptomyces	tendae	Actinomycetes	DSM 40101		DSM40101, ATCC19812, CBS565.68, IFO12822, JCM4149, RIA1092, RIA534,
3025	3256	Streptomyces	ruber	Actinomycetes	DSM 40304		DSM40304, ATCC17754, CBS228.65, IFO14600, ISP5304, JCM3131, KCCA0131,, NCIB10983,
3026	3257	Streptomyces	purpurascens	Actinomycetes	DSM 40310		DSM40310, ATCC25489, CBS917.69, IFO13077, ISP5310, JCM4509, RIA1269,
3027	3258	Streptomyces	misionensis	Actinomycetes	DSM 40306		DSM40306, ATCC14991, ATCC25745, CBS885.6, ISP5306, JCM4497, RIA1255,
3028	3259	Streptomyces	sulphureus	Actinomycetes	DSM 40104		DSM40104, ATCC27468, CBS646.72, IFO13345, NRRL.B 1627, RIA1306,
3029	3260	Streptomyces	avikuensis	Actinomycetes	DSM 40473		DSM40473,12568, CBS695.72, IFO13394, ISP, KCCS0694, KCCS0812, RIA1355,
3030	3261	Escherichia	coli	Bacteria	EC-KW1		
3031	3262	Streptomyces	roseiscleroticus	Actinomycetes	DSM 40303		DSM40303, ATCC17755, CBS226.65, CBS664.7, IFO13002, IFO13363, ISP5303, JCM3104, RI,
3032	3263	Streptomyces	albus.subsp. albus	Actinomycetes	40313		DSM40313, ATCC25426, ATCC3003, CBS924.69, IMET40241, ISP5313, NRRLB1811, RIA1206,
3033	3264	Streptomyces	griseorubiginos us	Actinomycetes	DSM 40469		DSM40469, ATCC23627, ATCC 25459,CBS692.69, INA7712, ISP5469,

							JCM4481,RIA1239,
3034	3266	Aspergillus	tubingensis	Fungi	AG1S1		
3035	3267	Aspergillus	aculeatus	Fungi	A17		
3036	3268	Trichoderma	atroviride	Fungi	IS-2		
3037	3269	Fusarium	solani	Fungi	VKNZ-2		
3038	3270	Microsporum	canis	Fungi	2		
3039	3271	Penicillium	purpurogenum	Fungi	5		
3040	3272	Trichophyton	rubrum	Fungi	4		
3041	3273	Pectinotrichum	llanense	Fungi	8		
3042	3274	Penicillium	waksmanii	Fungi			
3043	3276	Streptomyces	caeruleus	Actinomycetes	DSm 40103		DSM40103, ATCC27421, CBS645.72, CGMCCAS4, IFO13344, ISP5103,JCM4014, RIA1305,
3044	3277	Micromonospora	inyonensis	Actinomycetes	DSM 46123		DSM46123, ATCC27600, IFO13156, IMET8306,, KCCA0188, NRRL3292,
3045	3278	Micromonospora	sp.	Actinomycetes	DSM 43902		DSM43902, ATCC35570, IFO14024, JCM3255,, NRRL-B16099,
3046	3279	Micromonospora	sp.	Actinomycetes	DSM43126		DSM43126, LBGA3110, ,
3047	3280	Micromonospora	sp.	Actinomycetes	DSM 43170		DSM43170, DSM43893, KCCA0126, NRRL-B2673, ,
3048	3281	Micromonospora	sp.	Actinomycetes	DSM43363		
3049	3282	Micromonospora	sp.	Actinomycetes	DSM 43892		DSM43892, IFO14743, ,
3050	3283	Micromonospora	sp.	Actinomycetes	DSM43893		
3051	3284	Micromonospora	sp.	Actinomycetes	DSM 43903		DSM43903, ATCC35571, IFO14025, JCM3256, KCCA0256, NRRL-B16101,
3052	3285	Micromonospora	sp.	Actinomycetes	DSM 43904		DSM43904, ATCC35572, IFO14022, JCM3257, KCCA0257, NRRL-B16102,
3053	3286	Micromonospora	sp.	Actinomycetes	43905		DSM43905, ATCC33573, IFO14023, JCM3258, KCCA0258, NRRL-B16103,
3054	3287	Micromonospora	sp.	Actinomycetes	43906		DSM43906, ATCC35574, JCM3259, KCCA0259,, ,
3055	3288	Micromonospora	sp.	Actinomycetes	43907		DSM43907,

		a				JCM3265, KCCA0265, NRRL8020, ,
3056	3289	Micromonospora	sp.	Actinomycetes	DSM 43908	DSM43908, ATCC21975, JCM3266, NCIMB12767, ,
3057	3290	Micromonospora	sp.	Actinomycetes	DSM 43909	DSM43909, ATCC31146, JCM3267, KCCA0267, ,
3058	3291	Micromonospora	sp.	Actinomycetes	DSM 43912	DSM43912, ATCC21826, JCM3310, KCCA0310,, ,
3059	3292	Micromonospora	sp.	Actinomycetes	DSM 43913	DSM43913, IFO14267, JCM3327, KCCA0327, ,
3060	3293	Micromonospora	sp.	Actinomycetes	DSM 43915	DSM43915, ATCC43540, IFO14461, JCM3356,, ,
3061	3294	Micromonospora	sp.	Actinomycetes	DSM 43918	DSM43918, IMET8309, INA188, JCM5696, ,
3062	3295	Kurthia	zopfii	Bacteria	20487	DSM 20487, ATCC 6900, NCTC 405, ,
3063	3299	Streptomyces	thermodiastaticus	Actinomycetes	G6	
3064	3300	Fusarium	oxysporum	Fungi		
3065	3301	Aspergillus	terricola	Fungi		
3066	3302	Hormoconis	resinae	Fungi		
3067	3303	Penicillium	citrinum	Fungi	MN, RRL-B	
3068	3304	Aureobasidium	pullulans var. melanigenum	Fungi		
3069	3305	Paecilomyces	variotii	Fungi		
3070	3306	Aspergillus	flavus	Fungi	G1	
3071	3307	Aspergillus	foetidus	Fungi	D1	
3072	3308	Phialophora	cyclaminis	Fungi		
3073	3309	Fusarium	solani	Fungi		
3074	3310	Proteus	mirabilis	Bacteria		
3075	3311	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	KO/Y/69	
3076	3312	Yersinia	intermedia	Bacteria	KO/Y/57	
3077	3313	Yersinia	intermedia	Bacteria		
3078	3314	Bacillus	sp.	Bacteria		
3079	3315	Pseudomonas	putida	Bacteria		
3080	3316	Pseudomonas	putida	Bacteria	GU109	
3081	3317	Pseudomonas	sp.	Bacteria	GU110	
3082	3318	Mucor	indicus	Fungi	6	
3083	3319	Neocosmospora	sp.	Fungi	2	
3084	3320	Fusarium	lateritium	Fungi	1	
3085	3321	Penicillium	sp.	Fungi	4	
3086	3322	Fusarium	verticillioides	Fungi	1	
3087	3323	Aspergillus	tubingensis	Fungi	NA-5	

3088	3324	Fusarium	oxysporum	Fungi	3		
3089	3325	Fusarium	avenaceum	Fungi	4		
3090	3326	Fusarium	oxysporum	Fungi	5		
3091	3327	Fusarium	oxysporum	Fungi	7		
3092	3328	Pseudomonas	sp.	Bacteria	RG5		
3093	3329	Agrobacterium	tumefaciens	Bacteria	PCNR-1		
3094	3330	Bacillus	sp.	Bacteria	Bact-1		
3095	3331	Bacillus	circulans	Bacteria	CPLOIX		
3096	3332	Arthrobacter	sulfureus	Actinomycetes	RKJ4		
3097	3333	Chrysosporium	queenslandicum	Fungi	3		
3098	3334	Emericella	nidulans var. nidulans	Fungi	S		
3099	3335	Syncephalastrum	racemosum	Fungi			
3100	3336	Phellinus	formosanus	Fungi	TFRI534		
3101	3337	Phellinus	prunicola	Fungi	TFRI704		
3102	3338	Trichoderma	sp.	Fungi	TUB354		
3103	3339	Aspergillus	foetidus	Fungi	1		
3104	3340	Mucor	sp.	Fungi	2		
3105	3341	Aspergillus	fumigatus	Fungi	3		
3106	3342	Trichoderma	koningii	Fungi	4		
3107	3343	Promicromonospora	sukumoe	Actinomycetes	44121		DSM44121, IFO14650, JCM6845, ,
3108	3344	Prauserella	rugosa	Actinomycetes	DSM 43194		DSM43194, ATCC43014, IFO14506, IMET7650,, JCM9736, KCCA0193, NCIB8926, NRRL2295,
3109	3345	Streptomyces	vitaminophilus	Actinomycetes	DSM 41686		DSM 41686, ATCC31673, FERM-P5702, IFO142, ,
3110	3346	Saccharomonospora	glauca	Actinomycetes	DSM 43769		DSM43769, IFO14841, JCM7444, ,
3111	3347	Acetobacter	aceti	Bacteria			DSM 3508, ATCC 15975, NCIB 8621, ,
3112	3348	Paenibacillus	macerans	Bacteria	B-1		
3113	3349	Bacillus	amyloliquefaciens	Bacteria	B3		
3114	3350	Bacillus	subtilis	Bacteria	B5		
3115	3351	Actinobacillus	lignieresii	Bacteria	B6		
3116	3352	Raoultella	terrigena	Bacteria	B9		
3117	3353	Bacillus	megaterium	Bacteria	B10		
3118	3354	Streptomyces	euspidorporus	Actinomycetes	S+1		
3119	3355	Streptomyces	antimycoticus	Actinomycetes	S+2		
3120	3356	Saccharomyces	selenosporus	Yeasts	DSM3431		DSM3431, ATCC10629, CBS2562, JCM7616, IFO185, ,
3121	3357	Ogataea	glucozyma	Yeasts	DSM70271		DSM70271, ATCC18398, CBS5766, CCRC20465, IFO,

							NRRLY-2185,
3122	3358	Ogataea	henricii	Yeasts	DSM70272		DSM70272,ATCC18939,CBS22170,CRC22170,JC,VCD74-73,
3123	3359	Pichia	minuta var.nonfermentans	Yeasts	DSM70275		ATCC18937,CBS5764,CCRC22173,JC M3615,IFO1, VCD72-15,
3124	3360	Kazachstania	africana	Yeasts	DSM70290		ATCC22294,CBS2517,CCRC22015,IFO1671,NRRL,UCD57-16,
3125	3361	Brevundimonas	diminuta	Bacteria	#1		
3126	3362	Delftia	acidovorans	Bacteria			
3127	3363	Delftia	acidovorans	Bacteria	#3		
3128	3364	Delftia	acidovorans	Bacteria	#4		
3129	3365	Pseudomonas	sp.	Bacteria	#5		
3130	3366	Pseudomonas	sp.	Bacteria	#6		
3131	3367	Pseudomonas	sp.	Bacteria	#7		
3132	3368	Streptomyces	cinerochromogenes	Actinomycetes			
3133	3369	Sphaerisporangium	viridigriseum	Actinomycetes	SBSI-16		
3134	3370	Thermomonospora	sp.	Actinomycetes	BHP		
3135	3371	Mucor	prayagensis	Fungi	5		
3136	3372	Penicillium	funiculosum	Fungi	6		
3137	3373	Mucor	sp.	Fungi	7		
3138	3374	Aspergillus	terreus	Fungi	SYF-2		
3139	3375	Aspergillus	terreus	Fungi	SYF-2		
3140	3376	Aspergillus	foetidus	Fungi	4		
3141	3377	Aspergillus	fumigatus	Fungi	SYF-4		
3142	3378	Aspergillus	flavus	Fungi	6		
3143	3380	Aspergillus	flavus	Fungi	MK-3		
3144	3382	Staphylococcus	epidermidis	Bacteria	NCTC11047		NCTC11047,NCO11047,ATCC14990, DSM 2004, ,
3145	3383	Staphylococcus	haemolyticus	Bacteria	NCTC11042		NCTC11042, ATCC29970, DSM 20263, JCM 24, ,
3146	3385	Proteus	rettgeri	Bacteria	NCTC110377		NCTC110377, ,
3147	3386	Providencia	stuartii	Bacteria	NCTC10318		NCTC10318, ,
3148	3387	Janthinobacterium	lividum	Bacteria	NCTC10591		NCTC10591, ,
3149	3388	Zymomonas	sp.	Bacteria			
3150	3389	Trigonopsis	variabilis	Yeasts	CBS4095		CBS4095,CCRC21782,NRRLY-7770, ,
3151	3390	Aspergillus	tubingensis	Fungi	SF3		
3152	3391	Penicillium	restrictum	Fungi			
3153	3392	Curuvularia	pallescens	Fungi	4		
3154	3393	Eurotium	chevalieri	Fungi	2		
3155	3394	Acremonium	sp.	Fungi	SF1		
3156	3395	Penicillium	citrinum	Fungi	SF2		
3157	3396	Aspergillus	flavus	Fungi			
3158	3397	Aspergillus	foetidus	Fungi	NL-1		

3159	3398	Stilbella	sp.	Fungi	100		
3160	3399	Stauronema	cruciferum	Fungi	115		
3161	3400	Acrodictys	erecta	Fungi	109		
3162	3401	Bacillus	subtilis	Bacteria	F(Hr-10)		
3163	3402	Rhizobium	meliloti	Bacteria	RMP1		
3164	3403	Nocardiopsis	sp.	Actinomycetes	SCP(B)		
3165	3404	Bacillus	sp.	Bacteria	SICCC001/99		
3166	3405	Colletotrichum	sp.	Fungi	111		
3167	3406	Ceratocystis	sp.	Fungi	108		
3168	3407	Antrodia	taxa	Fungi	TFRI781		
3169	3408	Perenniporia	celtis	Fungi	TFRI802		
3170	3409	Torula	herbarum var. quaternella	Fungi	114		
3171	3410	Pestalotiopsis	stellata	Fungi	2		
3172	3411	Pestalotiopsis	disseminata	Fungi	3		
3173	3412	Pestalotiopsis	mangiferae	Fungi	4		
3174	3413	Camarosporium	sp.	Fungi	214		
3175	3414	Colletotrichum	capsici	Fungi	8		
3176	3415	Torulaspora	delbrueckii	Yeasts	VR(1-3)		
3177	3416	Candida	tropicalis	Yeasts	VR 1-7		
3178	3417	Torulaspora	delbrueckii	Yeasts			
3179	3418	Saccharomyces	cerevisiae	Yeasts	RG-1		
3180	3419	Saccharomyces	cerevisiae	Yeasts	RG-2		
3181	3420	Saccharomyces	cerevisiae	Yeasts	RG-3		
3182	3421	Candida	tropicalis	Yeasts	RG-4		
3183	3422	Candida	ethanolica	Yeasts	GS		
3184	3423	Streptomyces	chattanoogaensis	Actinomycetes	YER		
3185	3424	Saccharothrix	australiensis	Actinomycetes	DSM 43800		DSM43800, ATCC31497, IAM14291, IFO14444,, NCIMB13188, NRRL11239,
3186	3425	Rhodococcus	wratislaviensis	Actinomycetes	44107		DSM44107, ATCC51786, IMRU878, NCIMB13082, ,
3187	3426	Streptomyces	showdoensis	Actinomycetes	DSM 40504		DSM40504, ATCC15105, CBS718.72, IFO13417, JCM4830, RIA1378,
3188	3427	Actinomadura	luteofluorescens	Actinomycetes	DSM 40398		DSM40398, ATCC25469, CBS 702.69, CGMCCAS, IFO13057, JSP5398, JCM4203, KCCS0203, RI,
3189	3428	Allokutzneria	albata	Actinomycetes	DSM 44149		DSM44149, ATCC55061, ,
3190	3429	Streptomyces	xanthocidicus	Actinomycetes	DSM40575		DSM40575,ATCC2

							7480,CBS770.72,IF O13469,IS, JCM42 43,JCM4862,RIA14 30,
3191	3430	Streptosporangium	vulgare	Actinomycetes	DSM43802,FYUS-1		DSM43802,ATCC3 3329,IFO13985,JC M3028,KCCA, RIA765,
3192	3431	Microbacterium	trichothecenolyticum	Actinomycetes	DSM8608		DSM8608,ATCC51 475,CCM4373,CIP1 03817,IFO1, ,
3193	3432	Luteococcus	japonicus	Actinomycetes	DSM10546		DSM10546,ATCC5 1526,CIP104067,IF O12422,JC, ,
3194	3433	Thermobifida	alba	Actinomycetes	DSM43185		DSM43185,ATCC2 7644,KCCA-0169, ,
3195	3434	Dactylosporangium	matsuzakiense	Actinomycetes	DSM43810		DSM43810,ATCC3 1570,FERMP-4670 ,IFO14259,J, ,
3196	3435	Pseudonocardia	hydrocarbonoxydans	Actinomycetes	DSM43281		DSM43281,ATCC1 5104,NCIB9436, ,
3197	3436	Kineosporia	aurantiaca	Actinomycetes	DSM43858		DSM43858,ATCC 9727,IFO13890,IFO 14067,JCM, ,
3198	3437	Amycolatopsis	sulphurea	Actinomycetes	DSM46092		DSM46092,ATCC2 7624,IFO13270,IM ET7649,JCM, NRRL2822,
3199	3439	Colletotrichum	gloeosporioides	Fungi	9		
3200	3440	Pestalotiopsis	sp.	Fungi	21		
3201	3441	Pestalotiopsis	cruenta	Fungi	15		
3202	3442	Pestalotiopsis	sp.	Fungi	11		
3203	3443	Pestalotiopsis	maculans	Fungi	2(18)		
3204	3444	Pestalotiopsis	fuchsiae	Fungi	21		
3205	3445	Pestalotiopsis	fibricola	Fungi	Pa1		
3206	3446	Pestalotiopsis	sp.	Fungi	89		
3207	3447	Cokeromyces	sp.	Fungi			
3208	3448	Camarosporium	palliatum	Fungi	5		
3209	3449	Cryptosporiopsis	sp.	Fungi	23		
3210	3450	Pestalotiopsis	algeriensis	Fungi	26		
3211	3451	Fusicoccum	sp.	Fungi	10		
3212	3452	Cytospora	sp.	Fungi	129		
3213	3453	Phyllosticta	sp.	Fungi	24		
3214	3454	Arthrobacter	ureafaciens	Actinomycetes	DSM20126		DSM20126,ATCC7 562,CCM1644,NCI B7811, ,
3215	3455	Corynebacterium	stationis	Actinomycetes	DSM20302		DSM20302,ATCC1 4403, ,
3216	3456	Microbacterium	oxydans	Actinomycetes	DSM20578		DSM20578,CIP661 2,NCIB9944, ,
3217	3457	Streptomyces	sp.	Actinomycetes	DSM46492		DSM46492,ATCC3 1267,FERMP-4027 ,IMET43778,, KCC S-1070,NRRL8165,
3218	3458	Rhodococcus	percolatus	Actinomycetes	DSM44240		DSM44240,CIP104 964,HAMB11752,LA MUR292, ,
3219	3459	Thermoactinom	vulgaris	Actinomycetes	DSM43796		DSM43796,ATCC2

		yces					7868,CCM2817,CU B749,DSM433, JC M3220,JCM3180,K CCA-0180,NCIB11 249,
3220	3460	Debaryomyces	hansenii var. hansenii	Yeasts	JCM1526		JCM1526,ATCC106 20,AJ5449,CBS770 ,CCRC2141, NRRLY-1449,
3221	3461	Debaryomyces	hansenii var. hansenii	Yeasts	JCM01990		JCM01990,CBS767 ,IFO0083,HUT7056 , ,
3222	3462	Debaryomyces	hansenii var. hansenii	Yeasts	JCM2091		JCM2091,AJ4246, ,
3223	3463	Debaryomyces	hansenii var hansenii	Yeasts	JCM2091		JCM2091,AJ4246, ,
3224	3464	Aplosporella	sp.	Fungi	130		
3225	3465	Trichoderma	atroviride	Fungi	139		
3226	3466	Hypoxylon	sp.	Fungi	135		
3227	3467	Trichoderma	atroviride	Fungi	138		
3228	3468	Cytospora	sp.	Fungi	134		
3229	3469	Trichoderma	atroviride	Fungi	144		
3230	3470	Pseudoseptoria	sp.	Fungi	145		
3231	3471	Trichoderma	sp.	Fungi	140		
3232	3472	Valsa	sp.	Fungi	133		
3233	3473	Cytospora	sp.	Fungi	129		
3234	3474	Streptomyces	griseus	Actinomycetes	39A-APJ		
3235	3475	Arthrobacter	agilis	Actinomycetes	ATCC966		ATCC966,DSM205 50,CCM2390,NCD O,983,NCTC75, ,
3236	3476	Arthrobacter	flavus	Actinomycetes	CMS194		
3237	3477	Alternaria	alternata	Fungi	159		
3238	3478	Cladosporium	cladosporioides	Fungi	162		
3239	3479	Fusarium	pallidoroseum	Fungi			
3240	3480	Memnoniella	levispora	Fungi	147		
3241	3481	Trichoderma	piluliferum	Fungi	162		
3242	3482	Trichoderma	harzianum	Fungi	149		
3243	3483	Cladosporium	cladosporioides	Fungi	163b		
3244	3484	Peroneutypella	sp.	Fungi	157		
3245	3485	Pleurothyrium	sp.	Fungi	158		
3246	3486	Fusicoccum	sp.	Fungi	161		
3247	3487	Penicillium	rugulosum	Fungi	170		
3248	3488	Diatrype	sp.	Fungi	164		
3249	3489	Penicillium	rugulosum	Fungi	171		
3250	3490	Bispora	sp.	Fungi	165		
3251	3491	Valsella	sp.	Fungi	185		
3252	3492	Phomopsis	sp.	Fungi	172		
3253	3493	Cornophora	sp.	Fungi	175		
3254	3494	Diatrype	sp.	Fungi	180		
3255	3495	Fusicoccum	sp.	Fungi	177		
3256	3496	Aspergillus	tubingensis	Fungi	AB1		
3257	3497	Phomopsis	sp.	Fungi	177b		
3258	3498	Trichoderma	harzianum	Fungi	F778		
3259	3499	Trichoderma	harzianum	Fungi	TUB.F-784		

3260	3500	Trichoderma	harzianum	Fungi	TUB.F-785		
3261	3501	Trichoderma	hamatum	Fungi	TUB.F-799		
3262	3502	Trichoderma	harzianum	Fungi	TUB.F-801		
3263	3503	Pestalotiopsis	sp.	Fungi	150		
3264	3504	Ceratocystis	sp.	Fungi	181		
3265	3505	Talaromyces	wortmannii	Fungi			
3266	3506	Phomopsis	sp.	Fungi	199		
3267	3507	Cladosporium	cladosporioides	Fungi	196		
3268	3508	Cladosporium	sp.	Fungi	191		
3269	3509	Aureobasidium	sp.	Fungi	187		
3270	3510	Acremonium	berkeleyanum	Fungi	194		
3271	3511	Aureobasidium	pullulans var. melanigenum	Fungi	190		
3272	3512	Aspergillus	fumigatus	Fungi	Stanes III		
3273	3513	Mucor	indicus	Fungi	Stanes I		
3274	3514	Phyllosticta	sp.	Fungi	RSK1		
3275	3515	Tubercularia	sp.	Fungi	195		
3276	3516	Cladosporium	oxysporum	Fungi	StainsII		
3277	3517	Paecilomyces	lilacinus	Fungi			
3278	3518	Aspergillus	flavus	Fungi			
3279	3519	Stachylidium	bicolor	Fungi	206b		
3280	3520	Ampelomyces	sp.	Fungi	176		
3281	3521	Streptomyces	sp.	Actinomycetes	APJ-037		
3282	3522	Streptococcus	equi subsp. equi	Bacteria	NC009682		NCTC9682, ATCC 33398, DSM 20561, ,
3283	3523	Streptococcus	equi subsp. zooepidemicus	Bacteria	N007023		NCTC7023, ATCC 43079, DSM 20727, ,
3284	3524	Shimwellia	blattae	Bacteria	NCTC12127		NCTC12127, ATCC 29907, DSM4481, JCM1650, ,
3285	3525	Shewanella	putrificans	Bacteria	CTC10695		ATCC12099, NCIB8786, ,
3286	3526	Cryptosporiopsis	sp.	Fungi	29		
3287	3527	Pestalotiopsis	sp.	Fungi	50		
3288	3528	Aspergillus	flavus	Fungi	IICT/PF/2504		
3289	3529	Aspergillus	awamori	Fungi	IICT/CF/2505		
3290	3530	Pestalotiopsis	sp.	Fungi	82		
3291	3531	Hysterium	sp.	Fungi	193		
3292	3532	Phaeoisaria	clematidis	Fungi	192		
3293	3533	Cytospora	sp.	Fungi	163a		
3294	3534	Eutypella	sp.	Fungi	154		
3295	3535	Hysterium	sp.	Fungi	155		
3296	3536	Phyllosticta	sp.	Fungi	167		
3297	3537	Aspergillus	tubingensis	Fungi	16888		ATCC16888, CBS554.65, IMI50566, ,
3298	3538	Tolypocladium	inflatum	Fungi	34921		ATCC34921, NRRL 8044, ,
3299	3539	Libertella	sp.	Fungi	184		
3300	3540	Lophiostoma	sp.	Fungi	200		
3301	3541	Pseudomonas	aeruginosa	Bacteria	PAO		
3302	3542	Pseudomonas	aeruginosa	Bacteria			

3303	3543	Bacillus	coagulans	Bacteria	3543		
3304	3544	Delftia	acidovorans	Bacteria	NCTC10683		NCTC10683,ATCC 15668,NCIB9681, ,
3305	3545	Staphylococcus	chromogenes	Bacteria	NCTC10530		NCTC10530, ATCC43764, DSM 20454, ,
3306	3546	Kurthia	zopfii	Bacteria	NCTC10597		NCTC10597,ATCC 33403,DSM20580, ,
3307	3547	Crabtreeella	saccharophila	Bacteria	NCTC10482		NCTC10482,ATCC 19623,NCIB10340, ,
3308	3548	Kluyveromyces	marixianus var. marixianus	Yeasts			
3309	3549	Bacillus	sp.	Bacteria	SP1		
3310	3550	Propioniferax	innocua	Actinomycetes	NCTC11082		NCTC11082,DSM8 251,ATCC49929, ,
3311	3551	Rhodococcus	equi	Actinomycetes	NCTC1621		NCTC1621,DSM20 307,ATCC25729,D SM43349,IFO, KCT C9082,NRRLB-165 38,CCRC/2829,CC UG892,L, ,
3312	3552	Rhodococcus	rhodochrous	Actinomycetes	ATCC53968		ATCC53968, ,
3313	3553	Scopulariopsis	sp.	Fungi	F-1		
3314	3554	Aspergillus	carbonarius	Fungi			
3315	3555	Pestalotiopsis	sp.	Fungi	22		
3316	3556	Hirsutella	thompsonii	Fungi	Str.62		
3317	3557	Aspergillus	foetidus	Fungi	GMRB013		
3318	3558	Aspergillus	parasiticus	Fungi	KGJR3313		
3319	3559	Absidia	corymbifera	Fungi	429.75		CBS429.75,ATCC4 6771, ,
3320	3560	Absidia	glauca	Fungi	101.08		CBS101.08, ,
3321	3561	Aspergillus	allahabadii	Fungi	164.63		CBS164.63,ATCC1 5055,IMI139273, ,
3322	3562	Aspergillus	foetidus	Fungi	114.49		CBS114.49,ATCC1 6878,CBS563.65, ,
3323	3563	Aspergillus	janus var.brevis	Fungi	111.46		CBS111.46,ATCC1 6828,CBS119.45,I MI016066,, ,
3324	3564	Aspergillus	japonicus	Fungi	114.51		CBS114.51, ,
3325	3565	Penicillium	citrinum	Fungi	MK1		
3326	3566	Aspergillus	terreus var. aureus	Fungi	SYF-3		
3327	3567	Aspergillus	oryzae var. oryzae	Fungi	466.91		CBS466.91, NBRC(IFO)6215, ,
3328	3568	Acremonium	chrysogenum	Fungi	144.62		CBS144.62,ATCC1 4615,CECT2718,H ACC113,NBR, IMI091579, ,
3329	3569	Acremonium	persicinum	Fungi	310.59		CBS310.59,ATCC1 8551,IMI069374, ,
3330	3570	Acremonium	recifei	Fungi	137.35		CBS137.35, ,
3331	3571	Acrophialophora	fusispora	Fungi	380.55		CBS380.55,ATCC2 2556,IMI057442, ,
3332	3572	Aspergillus	terreus var. terreus	Fungi	601.65		CBS601.65,ATCC1 0071,1012,IMI0172 94,17294, JCM10257, ,
3333	3573	Debaryomyces	melissophilus	Yeasts	JCM1707		JCM1707,ATCC146

							14,CBS6344,NRRL Y-7585, ,
3334	3574	Debaryomyces	hansenii var. hansenii	Yeasts	JCM1990		JCM1990,CBS767,I FO0083, ,
3335	3575	Debaryomyces	hansenii var. fabryi	Yeasts	JCM2104		JCM2104,AJ5480,A TCC20278,CBS789 ,CCRC2171, ,
3336	3576	Debaryomyces	coudertii	Yeasts	JCM2387		JCM2187,ATCC181 06,CBS5167,IFO18 17,NCYC93, ,
3337	3577	Debaryomyces	polymorphus var. polymorphus	Yeasts	JCM3647		JCM3647,ATCC241 72,CBS4349,CCRC 21413,IAM1, NCYC 907,NRRLY-7958, UCD60-25,
3338	3578	Debaryomyces	etchellsii	Yeasts	JCM3656		JCM3656,ATCC201 26,AJ5083,CBS201 1,CCRC214, NRRL Y-7121,NRRLY-76 07,NCYC7607,MU CL30284,
3339	3579	Debaryomyces	vanriijiae var. vanriijiae	Yeasts	JCM3657		ATCC20125,CBS30 24,CCRC21714,DS M70252,IFO, VCD61-24,
3340	3580	Debaryomyces	vanriijiae var. vanriijiae	Yeasts	JCM6190		JCM6190,ATCC225 90,CBS6246,IFO18 18,NRRLY7, ,
3341	3581	Debaryomyces	yamadae	Yeasts	JCM6191		JCM6191,ATCC564 71,CBS7035,IFO10 691,NRRLY, CCRC 21756,CSIRY887,
3342	3582	Lautropia	mirabilis	Bacteria	NCTC12852		NCTC12852,ATCC 51599,DSM11362, ,
3343	3583	Neisseria	cinerea	Bacteria	NCO10294		NCTC10294,ATCC 14685, DSM 4630, ,
3344	3584	Bronchothrix	thermosphacta	Bacteria	NCO10822		NCTC10822,ATCC 11509,NCIB10018, ,
3345	3585	Streptococcus	macacae	Bacteria	NCTC11558		NCTC11558,ATCC 35911, DSM20724, ,
3346	3586	Debaryomyces	polymorphus var. africanis	Yeasts	JCM7443		JCM7443,CBS6741 , ,
3347	3587	Debaryomyces	udenii	Yeasts	JCM3855		JCM3855,ATCC665 45,CBS7056,IFO10 689,NRRLY, ,
3348	3588	Debaryomyces	carsonii	Yeasts	JCM8121		JCM8121,ATCC583 71,CBS70392,DSM 70392,IFO9, ,
3349	3589	Debaryomyces	occidentalis var .occidentalis	Yeasts	JCM8123		JCM8123,ATCC232 2,CBS819,CCRC22 052,DSM345, CCY47-1-1,
3350	3590	Debaryomyces	occidentalis var personnii	Yeasts	JCM8127		JCM8127,ATCC242 82,CBS2169,CCRC 22053,IFO1, ,
3351	3591	Debaryomyces	hansenii var. hansenii	Yeasts	JCM1521		JCM1521,AJ4342,C BS1795,IFO0623,V KMY-2560, NRRLY173,
3352	3592	Debaryomyces	fabryi	Yeasts	JCM1989		JCM1989,CBS792,I FO0794, ,
3353	3593	Debaryomyces	hansenii var.	Yeasts	JCM2086		JCM2086,AJ4180, ,

			hansenii				
3354	3594	Debaryomyces	fabryi	Yeasts	JCM2166		JCM2166,CBS1796
3355	3595	Debaryomyces	fabryi	Yeasts	JCM2207		JCM2207,IFO0037, HUT7005, ,
3356	3596	Debaryomyces	nepalensis	Yeasts	JCM2208		JCM2208,CBS2334 ,IFO0039,HUT7011 , ,
3357	3597	Debaryomyces	hansenii var. hansenii	Yeasts	JCM2211		JCM2211,IFO1751, ,
3358	3598	Debaryomyces	prosopidis	Yeasts	JCM9913		JCM9913,DBVPG7 010,VCD84-100, ,
3359	3599	Debaryomyces	prosopidis	Yeasts	JCM9914		JCM9914,DBVPG7 011,VCD84-101, ,
3360	3600	Debaryomyces	prosopidis	Yeasts	JCM9915		JCM9915,DBVPG7 012,VCD84-102, ,
3361	3601	Cryptococcus	laurentii var. laurentii	Yeasts	TK2		
3362	3602	Candida	magnoliae	Yeasts			
3363	3603	Corynebacterium	sp.	Actinomycetes	CN1		
3364	3604	Pseudomonas	putida	Bacteria			
3365	3605	Moraxella	sp.	Bacteria			
3366	3606	Bacillus	licheniformis	Bacteria	SB-5		
3367	3607	Bacillus	licheniformis	Bacteria	RO-14		
3368	3608	Pseudomonas	sp.	Bacteria			
3369	3609	Erwinia	herbicola	Bacteria	E		
3370	3610	Staphylococcus	simulans	Bacteria	F		
3371	3611	Alcaligenes	faecalis	Bacteria	G		
3372	3612	Enterococcus	hirae	Bacteria	ATCC8043		ATCC8043,CCUG1 8659,DSM20160,J CM8729, ,
3373	3613	Aeromonas	sobria	Bacteria	ATCC43979		ATCC43979,CDC9 358-7b,JCM2139,L MG3783,NCI, ,
3374	3614	Staphylococcus	lugdunensis	Bacteria	ATCC43809		ATCC43809, CCM4084, DSM4804, ,
3375	3615	Staphylococcus	epidermidis	Bacteria	ATCC12228		ATCC12228,NCIB8 853, ,
3376	3616	Bacillus	cohnii	Bacteria	ATCC51227		ATCC51227,CCM4 369,DSM6307,LMG 16678, ,
3377	3617	Yokenella	regensburgei	Bacteria	ATCC35313		ATCC35313,CDC3 349-72,PCM2476, ,
3378	3618	Bacillus	sp.	Bacteria	ATCC53969		ATCC53969, ,
3379	3619	Kurthia	sibirica	Bacteria	ATCC49154		ATCC49154,CCM3 477,VKMB-1549, ,
3380	3620	Staphylococcus	warneri	Bacteria	ATCC10209		ATCC10209, ,
3381	3621	Methylobacterium	rhodinum	Bacteria	ATCC14821		ATCC14821,NCIB9 421,DSM2163, NBRC (IFO) 1, ,
3382	3622	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K0/Y/16		
3383	3623	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K0/Y/17		
3384	3624	Yersinia	intermedia	Bacteria	K0/Y/57		

3385	3625	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	KO/Y/63		
3386	3626	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	KO/Y/69		
3387	3627	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K/Y/62		
3388	3628	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K/Y/64		
3389	3629	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	O/Y/44		
3390	3630	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	O/Y/61		
3391	3631	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	O/Y/70		
3392	3632	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	R/Y/56		
3393	3633	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	T/Y/48		
3394	3634	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	O/Y/43		
3395	3635	Yersinia	intermedia	Bacteria	O/Y/66		
3396	3636	Yersinia	intermedia	Bacteria	T/Y/33		
3397	3637	Yersinia	intermedia	Bacteria	T/Y/65		
3398	3638	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	R/Y/36		
3399	3639	Amauroascus	aureus	Fungi	593.71		CBS593.71,ATCC18654,IFO31763,IHE M4407, ,
3400	3640	Arthrotrrys	conoides	Fungi	108.37		CBS108.37,ATCC15594, ,
3401	3641	Aspergillus	terricola var. americanus	Fungi	580.65		CBS580.65,ATCC1014,ATCC16863,IMI016127,I, ,
3402	3642	Aspergillus	terreus var. aureus	Fungi	503.65		CBS503.65,ATCC16793,IMI082431, ,
3403	3643	Aspergillus	viridinutans	Fungi	127.56		CBS127.56,ATCC16901,IMI062875,IMI062875i, ,
3404	3644	Emericella	nidulans var. acristata	Fungi	119.55		CBS119.55,ATCC16839,IMI061453, ,
3405	3645	Aureobasidium	pullulans var. pullulans	Fungi	584.75		CBS584.75, ,
3406	3646	Byssochlamys	nivea	Fungi	100.11		CBS100.11,ATCC22260, ,
3407	3647	Cephaloascus	fragrans	Fungi	121.29		CBS121.29,ATCC36174, ,
3408	3648	Eurotium	herbariorum	Fungi	516.65		CBS516.65,ATCC16469,THOM5629C,IMI211383,, WB116,
3409	3649	Neosartorya	fischeri var. fischeri	Fungi	101.12		CBS101.12, ,

3410	3650	Mucor	indicus	Fungi			
3411	3651	Fusarium	solani	Fungi	F2		
3412	3652	Mucor	hiemalis f. luteus	Fungi			
3413	3653	Beauveria	bassiana	Fungi	RR-1		
3414	3654	Eutypa	sp.	Fungi	206a		
3415	3655	Paecilomyces	lilacinus	Fungi			
3416	3656	Fusarium	oxysporum	Fungi	F8		
3417	3657	Alternaria	sp.	Fungi			
3418	3658	Phomopsis	sp.	Fungi	288		
3419	3659	Camarosporium	sp.	Fungi	213		
3420	3660	Paecilomyces	variotii	Fungi	KETSRCXVIII		
3421	3661	Streptomyces	fimbriatus	Actinomycetes	CM2		
3422	3662	Streptomyces	albidoflavus	Actinomycetes	S.321.2		
3423	3663	Microbacterium	trichothecenolyticum	Actinomycetes	A1		
3424	3664	Streptomyces	pactum	Actinomycetes	A2		
3425	3665	Streptomyces	aurantiacus	Actinomycetes	A3		
3426	3666	Streptomyces	griseoflavus	Actinomycetes	301		
3427	3667	Streptomyces	sp.	Actinomycetes	301		
3428	3668	Streptomyces	puniceus	Actinomycetes	301		
3429	3669	Streptomyces	pulveraceus	Actinomycetes	301		
3430	3670	Streptomyces	fradiae	Actinomycetes	301		
3431	3671	Brevundimonas	diminuta	Bacteria			
3432	3672	Bacillus	sp.	Bacteria	KLD-4		
3433	3673	Bacillus	sp.	Bacteria	KLD-7		
3434	3674	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	KO/Y/11		
3435	3675	Yersinia	intermedia	Bacteria	R/Y/59		
3436	3676	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	R/Y/67		
3437	3677	Yersinia	intermedia	Bacteria	O/Y/60		
3438	3678	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	K/Y/68		
3439	3679	Yersinia	intermedia	Bacteria	K/Y/31		
3440	3680	Yersinia	intermedia	Bacteria	T/Y/53		
3441	3681	Yersinia	intermedia	Bacteria	T/Y/55		
3442	3682	Aspergillus	flavus	Fungi			
3443	3683	Acremonium	sp.	Fungi			
3444	3684	Humicola	grisea	Fungi	KETSRC XXI		
3445	3685	Cryptosporiopsis	sp.	Fungi	28		
3446	3686	Pestalotiopsis	rhododendri	Fungi			
3447	3687	Pestalotiopsis	bicolor	Fungi	12		
3448	3688	Pestalotiopsis	palmarum	Fungi	35		
3449	3689	Pestalotiopsis	sp.	Fungi	70		
3450	3690	Rhizopus	oryzae	Fungi	NF-2F-5		
3451	3691	Aspergillus	ficuum	Fungi			
3452	3692	Verticillium	sp.	Fungi			

3453	3693	Fusarium	verticillioides	Fungi	576.78		CBS576.78,VKM F-257, ,
3454	3694	Drechslera	kusanoi	Fungi	137.29		CBS137.29,DSM11 51, ,
3455	3695	Embellisia	abundans	Fungi	534.83		CBS534.83, ,
3456	3696	Emericella	nidulans var. dentata	Fungi	114.63		CBS114.63,ATCC1 6829,IMI126693, ,
3457	3698	Streptomyces	sp.	Actinomycetes	301		
3458	3699	Arthrobacter	oxydans	Actinomycetes	ATCC14358		ATCC14358,NCIB9 333, ,
3459	3700	Kocuria	rosea	Actinomycetes	ATCC412		ATCC412,CCM633, NCIB8175,NCTC75 17, ,
3460	3701	Leifsonia	aquatica	Actinomycetes	ATCC14665		ATCC14665,JCM13 68,DSM20146,NCI B9460,VKMA, ,
3461	3702	Kocuria	polaris	Actinomycetes	CMS76or		DSM14382,CIP107 764,JCM12076, ,
3462	3703	Planomicrobiu m	oceanokoites	Bacteria	ATCC33414		ATCC33414,CCM3 20,LMG4030,NCIM B561, ,
3463	3704	Planomicrobiu m	mcmeekinii	Bacteria	ATCC700539		ATCC700539, ,
3464	3705	Kocuria	rosea	Actinomycetes	ATCC187		ATCC187,DSM116 30,CCM706, ,
3465	3706	Arthrobacter	chlorophenicu s	Actinomycetes	ATCC700700		ATCC700700,DSM 12829, ,
3466	3707	Psychrobacter	frigidicola	Bacteria	ATCC700361		ATCC700361,DSM 12411,CCMG34377 , ,
3467	3708	Rhizobium	galegae	Bacteria	ATCC43677		ATCC43677, DSM11542, JCM20973, ,
3468	3709	Streptomyces	sp.	Actinomycetes	ID-512		
3469	3710	Streptomyces	sp.	Actinomycetes	A1		
3470	3711	Streptomyces	sp.	Actinomycetes	A2		
3471	3712	Halomonas	variabilis	Bacteria	IAM14440		IAM14440,DSM305 1, ,
3472	3713	Pseudomonas	indica	Bacteria	IMT-37		
3473	3714	Pseudomonas	indica	Bacteria	IMT-40		
3474	3715	Chaetomium	madrasense	Fungi	315.74		CBS315.74, ,
3475	3716	Chaetomium	virescens	Fungi	148.68		CBS148.68, IMI136212, IMI159035, ,
3476	3717	Bipolaris	oryzae	Fungi	139.31		CBS139.31, ,
3477	3718	Chrysosporium	indicum	Fungi	117.63		CBS117.63,ATCC2 2401,IMI147544, ,
3478	3719	Cladosporium	sphaerospermu m	Fungi	193.54		CBS193.54,ATCC1 1289,IMI049637, ,
3479	3720	Chrysosporium	queenslandicu m	Fungi	280.77		CBS280.77,IMI121 675, ,
3480	3721	Eurotium	chevalieri	Fungi	522.65		CBS522.65,ATCC1 6443,NRRL78,WB7 8, ,
3481	3722	Eupenicillium	javanicum var. javanicum	Fungi	341.48		CBS341.48,ATCC9 099,CSIR831,FRR7 07,IFO317, IMI0397 33,MUCL29099,NR RL707,QM1876,
3482	3723	Botryotinia	convoluta	Fungi	286.38		CBS286.38, ,

3483	3724	Eupenicillium	cinnamopurpureum	Fungi	490.66		CBS490.66,IMI114483,ATCC18337, ,
3484	3725	Cladosporium	cladosporioides	Fungi	169.54		CBS169.54,CBS170.54,IMI025324,NC TC6740, ,
3485	3726	Curvularia	oryzae	Fungi	169.53		CBS169.53,IMI052252, ,
3486	3728	Dactylella	oviparasitica	Fungi	379.84		CBS379.84, ,
3487	3729	Cunninghamella	blakesleeana	Fungi	133.27		CBS133.27,IMI200337, ,
3488	3730	Fusarium	tricinctum	Fungi	393.93		CBS393.93,BBA64485, ,
3489	3731	Fusarium	equiseti	Fungi	307.94		CBS307.94, ,
3490	3732	Gelasinospora	inversa	Fungi	554.72		CBS554.72,LCP713a, ,
3491	3733	Embellisia	abundans	Fungi	535.83		CBS535.83,IMI257339, ,
3492	3734	Ophiostoma	multiannulatum	Fungi	124.39		CBS124.39,ATCC22390,BPI-FP59039, MUCL1836, ,
3493	3735	Curvularia	lunata var. aerea	Fungi	294.61		CBS294.61,IMI083444, ,
3494	3736	Chrysosporium	zonatum	Fungi	437.88		CBS437.88, ,
3495	3737	Aspergillus	foetidus	Fungi	VP-1		
3496	3738	Penicillium	janthinellum	Fungi	A		
3497	3739	Fusarium	solani	Fungi	C		
3498	3740	Streptomyces	sp.	Actinomycetes	TFRI		
3499	3741	Mucor	prayagensis	Fungi	B		
3500	3742	Engyodontium	album	Fungi	BTMFS10		
3501	3743	Penicillium	griseoroseum	Fungi	RR99		
3502	3744	Chrysosporium	indicum	Fungi	GPCK1024		
3503	3745	Chrysosporium	indicum	Fungi	GPCK1025		
3504	3746	Chrysosporium	indicum	Fungi	GPCK1026		
3505	3747	Chrysosporium	sp.	Fungi	GPCK1029		
3506	3748	Chrysosporium	sp.	Fungi	GPCK1030		
3507	3749	Chrysosporium	sp.	Fungi	GPCK1031		
3508	3750	Chrysosporium	sp.	Fungi	GPCK1032		
3509	3751	Chrysosporium	sp.	Fungi	GPCK1033		
3510	3752	Microsporum	gypseum	Fungi	GPCK1034		
3511	3753	Chrysosporium	indicum	Fungi	GPCK1018		
3512	3754	Chrysosporium	indicum	Fungi	GPCK1021		
3513	3755	Chrysosporium	sp.	Fungi	GPCK1027		
3514	3756	Streptomyces	griseus	Actinomycetes	19NRA1		
3515	3757	Chrysosporium	sp.	Fungi	GPCK1028		
3516	3758	Aspergillus	allahabadii	Fungi	9		
3517	3759	Penicillium	janthinellum	Fungi	11		
3518	3760	Stachylidium	bicolor	Fungi	3		
3519	3761	Fusarium	avenaceum	Fungi	5		
3520	3762	Aspergillus	aculeatus	Fungi	DBF9		
3521	3763	Fusarium	solani	Fungi	2b		
3522	3764	Penicillium	citrinum	Fungi	2a		
3523	3765	Rhizopus	oryzae	Fungi	MJ:Rh3		
3524	3766	Aspergillus	sydowii	Fungi			
3525	3767	Nectria	sp.	Fungi			

3526	3768	Neocosmospora	sp.	Fungi			
3527	3769	Tubercularia	sp.	Fungi	117		
3528	3770	Mucor	indicus	Fungi			
3529	3771	Bipolaris	australiensis	Fungi			
3530	3772	Kluyveromyces	marixianus var. marixianus	Yeasts	CECT10369		MCYC1804, ,
3531	3773	Nakaseomyces	bacillosporus	Yeasts	CECT1979		CECT1979,ATCC90019,CBS7720,CCRC22641,IFO, 2,
3532	3774	Kluyveromyces	marixianus var. marixianus	Yeasts	CECT10585		CECT10585,CBS712,CCRC21499,IFO100005,NRR, DBVPG6165,PYCC3886
3533	3775	Vanderwaltozyma	yarrowii	Yeasts	CECT1958		CBS8242, ,
3534	3776	Tetrapisispora	phaffii	Yeasts	CECT10646		CECT10646,ATCC24235,CBS4417,CRC21018,CC, IFO1672,IBFMY606,MCYC3101,MUCL31247,VKMY,
3535	3777	Kluyveromyces	africanus	Yeasts	CECT1963		CECT1963,ATCC22294,CBS2517,CCRC22015,IFO, UCD57-16,CECT10385, DBVPG6069,DSMZ70290,M,
3536	3778	Lachancea	thermotolerans	Yeasts	CECT1962		CECT1962,ATCC24177,CDBS2803,DBVPG61666,I, NCYC701,NRRLY2232, VCD55-41,VKMY533,
3537	3779	Kluyveromyces	aestuarii	Yeasts	CECT1949		CECT1949,ATCC18862,CBS4438,CCRC22014,DBV, MUCL31245,NRRLY4510,VCD61-29,
3538	3780	Tetrapisispora	blattae	Yeasts	CECT1964		CECT1964,CBS6284,CCRC22016,CCY43-6-1,DBV, IFO10599,MUCC31150,NRRLY10934,VCD77-7,
3539	3781	Bipolaris	hawaiiensis	Fungi			
3540	3782	Aspergillus	oryzae	Fungi	IITF15		
3541	3783	Aspergillus	flavus	Fungi	IITF16		
3542	3784	Aspergillus	flavus	Fungi	IITF18		
3543	3785	Aspergillus	fumigatus	Fungi	IITF19		
3544	3786	Pithomyces	atro-olivaceus	Fungi	119		
3545	3787	Libertella	betulina	Fungi	F1		
3546	3788	Fusarium	sambucinum	Fungi			
3547	3789	Rhizopus	stolonifer var. stolonifer	Fungi			
3548	3790	Penicillium	citrinum	Fungi			
3549	3791	Curvularia	pallescens	Fungi			
3550	3792	Humicola	fuscoatra	Fungi			
3551	3793	Alternaria	alternata	Fungi			
3552	3794	Stachybotrys	albipes	Fungi			

3553	3795	Coniosporium	olivaceum	Fungi			
3554	3796	Aspergillus	flavipes	Fungi	IITF20		
3555	3797	Fusarium	solani	Fungi	XX		
3556	3798	Acremonium	sp.	Fungi			
3557	3799	Phoma	sp.	Fungi	125		
3558	3800	Trichoderma	harzianum	Fungi			
3559	3801	Streptosporangium	sp.	Actinomycetes	VT11		
3560	3802	Streptomyces	sp.	Actinomycetes	VT14		
3561	3803	Streptomyces	sp.	Actinomycetes	VT23		
3562	3804	Streptosporangium	sp.	Actinomycetes	VT27		
3563	3805	Pseudonocardia	sp.	Actinomycetes	VT28		
3564	3806	Streptomyces	mashuensis	Actinomycetes	VT29		
3565	3807	Thermomonospora	sp.	Actinomycetes	VT30		
3566	3808	Streptomyces	sp.	Actinomycetes	VT31		
3567	3809	Streptomyces	sp.	Actinomycetes	VT34		
3568	3810	Pseudonocardia	sp.	Actinomycetes	VT42		
3569	3811	Streptomyces	hygroscopicus subsp hygroscopicus	Actinomycetes	VT44		
3570	3812	Planomicrobium	psychrophilum	Bacteria	CMS53OR		
3571	3813	Saccharomyces	cerevisiae	Yeasts	MJ-Y52		ATCC,CBS,CCRC, DSM,JCM,IFO,NRR LY,VCD,VKMY, ,
3572	3814	Candida	glabrata	Yeasts	MS-YC5		
3573	3815	Wickerhamomyces	anomalus	Yeasts	MN-YP1		
3574	3816	Saccharomyopsis	fibuligera	Yeasts	MS-YD4		
3575	3817	Pediococcus	pentosaceus	Bacteria	MA:C1		
3576	3818	Lactobacillus	bifermentans	Bacteria	MA:R5		
3577	3819	Saccharomyces	cerevisiae	Yeasts	DRF-VDS-04/WF		
3578	3820	Saccharomyces	cerevisiae	Yeasts	DRF-VDS-16/WF		
3579	3821	Saccharomyces	cerevisiae	Yeasts	DRF-VDS-17/WF		
3580	3822	Meyerozyma	guilliermondii	Yeasts	AS-2.1660-94.5		
3581	3823	Meyerozyma	guilliermondii	Yeasts	AS-2.1684-94.7		
3582	3824	Meyerozyma	guilliermondii	Yeasts	AS-2.1685-94.7		
3583	3825	Meyerozyma	guilliermondii	Yeasts	AS-2.1698-94.7		
3584	3826	Haemophilus	influenzae	Bacteria	NCTC8469		NCTC8469,ATCC9 007, ,
3585	3827	Streptomyces	bikiniensis	Actinomycetes	049A-APJ		
3586	3828	Aureobasidium	pullulans var. melanigenum	Fungi	DBS66		
3587	3829	Fusarium	udum	Fungi	F11		
3588	3830	Gliomastix	murorum var.polychroma	Fungi			
3589	3831	Rhizopus	oryzae	Fungi			
3590	3832	Trichoderma	atroviride	Fungi			

3591	3833	Trichoderma	viride	Fungi			
3592	3834	Trichoderma	pseudokoningii	Fungi			
3593	3835	Gliocladium	viride	Fungi	AB1		
3594	3836	Taeniolella	sp.	Fungi	112		
3595	3837	Aspergillus	foetidus	Fungi	a		
3596	3838	Aspergillus	foetidus	Fungi			
3597	3839	Emericella	nidulans var .dentata	Fungi			
3598	3840	Trichoderma	harzianum	Fungi			
3599	3841	Trichoderma	harzianum	Fungi	FX1		
3600	3842	Trichoderma	harzianum	Fungi	FX2		
3601	3843	Trichoderma	harzianum	Fungi	FX3		
3602	3844	Eutypella	sp.	Fungi			
3603	3845	Memnoniella	levispora	Fungi			
3604	3846	Penicillium	janthinellum	Fungi	MG100		
3605	3847	Acremonium	sp.	Fungi			
3606	3848	Streptomyces	galbus	Actinomycetes	5ME-13		
3607	3849	Pichia	ciferrii	Yeasts	RD-8		
3608	3850	Debaryomyces	occidentalis	Yeasts	RD-20		
3609	3851	Debaryomyces	occidentalis	Yeasts	RD-32		
3610	3853	Azotobacter	chroococcum	Bacteria	MAL-201		
3611	3854	Planococcus	antarcticus	Bacteria	CMS26OR		
3612	3855	Planococcus	sp.	Bacteria	CMS84OR		
3613	3856	Planococcus	sp.	Bacteria	CMS3OR		
3614	3857	Micrococcus	lylae	Actinomycetes	B4		
3615	3858	Salmonella	enterica ser. Abony	Bacteria	NCTC6017		NCTC6017,DSM42 24, ,
3616	3859	Aspergillus	sp.	Fungi			
3617	3860	Pithomyces	sp.	Fungi			
3618	3861	Acremonium	sp.	Fungi			
3619	3862	Fusarium	decemcellulare	Fungi			
3620	3863	Scytalidium	lignicola	Fungi			
3621	3864	Arthrinium	phaeospermum	Fungi			
3622	3865	Tubeufia	sp.	Fungi			
3623	3866	Didymosphaeria	sp.	Fungi			
3624	3867	Phomopsis	sp.	Fungi			
3625	3868	Phoma	sp.	Fungi			
3626	3869	Gliomastix	sp.	Fungi			
3627	3870	Verticillium	sp.	Fungi			
3628	3871	Fusarium	solani	Fungi			
3629	3872	Cladosporium	cladosporioides	Fungi			
3630	3873	Fusarium	oxysporum	Fungi			
3631	3874	Arthrinium	sp.	Fungi			
3632	3875	Curvularia	tuberculata	Fungi	3G		
3633	3876	Thielaviopsis	sp.	Fungi			
3634	3877	Phomopsis	sp.	Fungi			
3635	3878	Rosellinia	sp.	Fungi			
3636	3879	Diatrype	sp.	Fungi			
3637	3880	Alternaria	alternata	Fungi			
3638	3881	Hysterium	sp.	Fungi			

3639	3882	Diatrypella	sp.	Fungi			
3640	3883	Aspergillus	terreus	Fungi			
3641	3884	Fusicocum	sp.	Fungi			
3642	3885	Cytospora	sp.	Fungi			
3643	3886	Valsa	sp.	Fungi			
3644	3887	Verticillium	sp.	Fungi			
3645	3888	Hansfordia	sp.	Fungi			
3646	3889	Diatrype	sp.	Fungi			
3647	3890	Endothiella	sp.	Fungi			
3648	3891	Mucor	recurvus var.indicus	Fungi			
3649	3892	Cryptosphaeria	sp.	Fungi			
3650	3893	Phomopsis	sp.	Fungi			
3651	3894	Eutypella	sp.	Fungi			
3652	3895	Didymosphaeria	sp.	Fungi			
3653	3896	Eutypella	sp.	Fungi			
3654	3897	Peroneutypa	sp.	Fungi			
3655	3898	Hypoxyton	sp.	Fungi			
3656	3899	Lasiodiplodia	theobromae	Fungi			
3657	3900	Phyllosticta	sp.	Fungi	RSK2		
3658	3901	Bacterionema	matruchotii	Bacteria	NCTC10254		NCTC10254,ATCC 14266,DSM20635, ,
3659	3902	Aerococcus	viridans	Bacteria	NCTC8251		NCTC8251,ATCC1 1563,DSM20340, ,
3660	3903	Alysiella	filiformis	Bacteria	NCTC10282		NCTC10282,ATCC 15532, ,
3661	3904	Vibrio	cholerae (classical 01)	Bacteria	569B (Classical 01)		
3662	3906	Vibrio	cholerae (0139)	Bacteria	M010 (0139)		
3663	3907	Arthrobacter	roseus	Actinomycetes	CMS90R		
3664	3908	Bacillus	sp.	Bacteria	139-A		
3665	3909	Bacillus	sp.	Bacteria	139-B		
3666	3910	Bacillus	sp.	Bacteria	138		
3667	3911	Micrococcus	luteus	Actinomycetes	5		
3668	3912	Micrococcus	lylae	Actinomycetes	11		
3669	3913	Brevibacterium	mcbrellneri	Actinomycetes	14		
3670	3914	Gordonia	rubropertinctus	Actinomycetes	15		
3671	3915	Kocuria	rosea	Actinomycetes	17		
3672	3916	Exiguobacterium	acetylicum	Bacteria	18		
3673	3918	Bacillus	circulans	Bacteria	MP1		
3674	3919	Arthrimum	puccinioides	Fungi			
3675	3920	Guignardia	heveae	Fungi	MG265		
3676	3921	Chrysosporium	lucknowense	Fungi	BSH		
3677	3922	Melanocarpus	sp.	Fungi	BSW		
3678	3923	Penicillium	janthinellum	Fungi	KSR-H-P1		
3679	3924	Curvularia	prasadii	Fungi			
3680	3925	Paecilomyces	lilacinus	Fungi			
3681	3926	Aspergillus	fumigatus	Fungi			
3682	3927	Phyllosticta	sp.	Fungi	RSK4		
3683	3928	Trichoderma	harzianum	Fungi	Ma 2 No.13		

3684	3929	Trichoderma	reesei	Fungi	Ma 4		
3685	3930	Fusarium	oxysporum	Fungi	KETSRC25		
3686	3931	Rhizopus	oryzae	Fungi	KETSRC26		
3687	3932	Mucor	indicus	Fungi	MM:Mu 1		
3688	3933	Mucor	indicus	Fungi	MJ:Mu 1		
3689	3934	Rhizopus	microsporus var. microsporus	Fungi	MA:Rh 3		
3690	3935	Arthroderma	gypseum	Fungi	258.61		CBS258.61,CBS16 9.64,IMI080558, ,
3691	3936	Cordyceps	militaris	Fungi	128.25		CBS128.25,ATCC3 4164, ,
3692	3937	Glomerella	cingulata var.migrans	Fungi	237.49		CBS237.39,BBA61 47, ,
3693	3938	Humicola	fuscoatra var. fuscoatra	Fungi	118.14		CBS118.14,ATCC2 2721,MCUL8010,V KM F-3001, ,
3694	3939	Humicola	fuscoatra var. longispora	Fungi	403.67		CBS403.67,ATCC2 2628,CCF985,MCU L9438, ,
3695	3940	Humicola	grisea var.grisea	Fungi	119.14		CBS119.14,ATCC2 2724,IMI075664,M UCL8008, ,
3696	3941	Lecytophthora	mutabilis	Fungi	157.44		CBS157.44,IAM 14686, ,
3697	3942	Mariannaea	elegans var.punicea	Fungi	239.56		CBS239.56, ,
3698	3943	Metarhizium	anisopliae	Fungi	289.67		CBS289.67,NRRL1 3969, ,
3699	3944	Mucor	circinelloides var. circinelloides	Fungi	195.68		CBS195.68, ,
3700	3945	Mucor	circinelloides var. griseocyanus	Fungi	116.08		CBS116.08,ATCC2 2363,NRRLA-7420, ,
3701	3946	Mucor	circinelloides f.lucitanicus	Fungi	108.17		CBS108.17, ,
3702	3947	Mucor	hiemalis f.corticulus	Fungi	106.09		CBS106.09, ,
3703	3948	Mucor	hiemalis f.hiemalis	Fungi	201.65		CBS201.65,ATHUM 2882,DSM2556,LS HBB157a,MU, ,
3704	3949	Mucor	hiemalis f.luteus	Fungi	243.35		CBS243.35,ATCC2 8931,NRRL3632, ,
3705	3950	Mucor	hiemalis f.luteus	Fungi	244.35		CBS244.35,ATCC2 8932,NRRL3633, ,
3706	3951	Rhodococcus	erythropolis	Actinomycetes	M1		
3707	3952	Rhodotorula	mucilaginosa var. mucilaginosa	Yeasts	KZ17		
3708	3953	Cryptococcus	laurentii	Yeasts	BLG-133B		
3709	3954	Cryptococcus	laurentii	Yeasts	BLG-243B		
3710	3955	Meyerozyma	guilliermondii	Yeasts	BLG-148		
3711	3956	Geotrichum	silvicola	Yeasts	HHP-Y1		
3712	3957	Issatchenikia	orientalis	Yeasts	HHP-Y11		
3713	3958	Candida	albicans	Yeasts	7		
3714	3959	Streptomyces	violaceusniger	Actinomycetes	KC1		
3715	3960	Streptomyces	violaceusniger	Actinomycetes	1		

3716	3961	Streptomyces	albus subsp.albus	Actinomycetes	2		
3717	3962	Streptomyces	rochei	Actinomycetes	8		
3718	3963	Streptosporangium	sp.	Actinomycetes	9		
3719	3964	Streptomyces	violaceusniger	Actinomycetes	13		
3720	3965	Streptomyces	graminofaciens	Actinomycetes	14		
3721	3966	Streptomyces	scabiei	Actinomycetes	15		
3722	3967	Streptosporangium	sp.	Actinomycetes	16		
3723	3969	Bacillus	sp.	Bacteria	168		
3724	3970	Bacillus	sp.	Bacteria	178		
3725	3971	Kluyvera	cryocrescens	Bacteria	Y1		
3726	3972	Bacillus	subtilis	Bacteria	Y-15		
3727	3973	Debaryomyces	hansenii var. hansenii	Yeasts	HA765		
3728	3974	Geotrichum	silvicola	Yeasts	RR-1		
3729	3975	Torulospora	delbrueckii	Yeasts	IITF17		
3730	3976	Saccharomyces	cerevisiae	Yeasts	AB-Y2		
3731	3977	Debaryomyces	hansenii var. hansenii	Yeasts	AB-Y3		
3732	3978	Debaryomyces	hansenii var. hansenii	Yeasts	AB-Y4		
3733	3979	Wickerhamomyces	anomalus	Yeasts	AB-Y5		
3734	3980	Saccharomyces	cerevisiae	Yeasts	AB-Y6		
3735	3981	Candida	glabrata	Yeasts	AB-Y7		
3736	3982	Candida	glabrata	Yeasts	AB-Y8		
3737	3983	Candida	glabrata	Yeasts	AB-Y9		
3738	3984	Candida	glabrata	Yeasts	AB-Y10		
3739	3985	Candida	glabrata	Yeasts	AB-Y11		
3740	3986	Candida	glabrata	Yeasts	AB-Y12		
3741	3987	Candida	glabrata	Yeasts	AB-Y13		
3742	3988	Candida	glabrata	Yeasts	AB-Y14		
3743	3989	Debaryomyces	hansenii var. hansenii	Yeasts	HA760		
3744	3990	Debaryomyces	hansenii var. hansenii	Yeasts	HA762		
3745	3991	Debaryomyces	hansenii var. hansenii	Yeasts	HA763		
3746	3992	Debaryomyces	fabryi	Yeasts	HA766		
3747	3993	Geotrichum	candidum	Yeasts	HA780		
3748	3994	Kluyveromyces	lactis var. lactis	Yeasts	HA809		
3749	3995	Kluyveromyces	marixianus var. marixianus	Yeasts	HA810		
3750	3996	Kluyveromyces	lactis var. lactis	Yeasts	HA811		
3751	3997	Kluyveromyces	marixianus var. marixianus	Yeasts			
3752	3998	Saccharomyces	exiguus	Yeasts	HA707		
3753	3999	Saccharomyces	cerevisiae	Yeasts	KK:YS1		
3754	4000	Saccharomyces	cerevisiae	Yeasts	BA:YS1		

3755	4001	Streptomyces	sp.	Actinomycetes	CB-1		
3756	4002	Streptomyces	fradiae	Actinomycetes	2A		
3757	4003		ghanaensis	Actinomycetes	T1		
3758	4004	Nocardioopsis	dassonvillei su bsp.dassonville i	Actinomycetes	12		
3759	4005	Streptomyces	glaucescens	Actinomycetes	A-41		
3760	4006	Streptomyces	violaceuniger	Actinomycetes	CR		
3761	4007	Streptomyces	lanatus	Actinomycetes	DSM40090		DSM40090,ATCC1 9775,CBS513.68,C GMCC AS 4., ISP5 090,NRRLB-2291, RIA1055,
3762	4008	Streptomyces	macrosporus	Actinomycetes	DSM41449		DSM41449,ATCC5 1533,IFO14748,IN MI2892,JCM, ,
3763	4009	Kineosporia	mikuniensis	Actinomycetes	DSM44390		DSM44390,JCM99 61, ,
3764	4010	Streptomyces	niger	Actinomycetes	DSM43049		DSM43049,ATCC1 7756,CBS230.65,C BS663.72,D, IFO13 092,IFO13362,ISP5 302,JCM3158,KCC A-0,
3765	4011	Streptomyces	galbus	Actinomycetes	DSM40089		DSM40089,ATCC2 3910,CBS831.68,IF O12864,IS, RIA1121,
3766	4012	Streptomyces	albobinaceus	Actinomycetes	DSM40047		DSM40047,ATCC2 3915,ATCC3478,C BS836.68,IF, ISP50 47,JCM4379,RIA11 13,
3767	4013	Nocardioides	luteus	Actinomycetes	DSM43366		DSM43366,ATCC4 3052,DSM43811,IF O14491,IME, NCIB11455,
3768	4014	Gordonia	alkanivorans	Actinomycetes	DSM44369		DSM44369,IFO164 33,JCM10677, ,
3769	4015	Nocardioopsis	trehalosi	Actinomycetes	DSM44380		DSM44380,CCRC1 2529,CIP106425,IF O14201,JC, VKMAc942,
3770	4016	Rhodococcus	koreensis	Actinomycetes	DSM44498		DSM44498,JCM10 743,KCTC0569BP, ,
3771	4017	Amycolatopsis	sacchari	Actinomycetes	DSM44468		DSM44468, ,
3772	4018	Actinocorallia	glomerata	Actinomycetes	DSM44360		DSM44360,IFO159 60,JCM9376, ,
3773	4019	Actinoplanes	brasiliensis	Actinomycetes	DSM43805		DSM43805,ATCC2 5844,KCCA-0196, ,
3774	4020	Amycolatopsis	coloradensis	Actinomycetes	DSM44225		DSM44225,ATCC5 3629,IFO15804,NR RL3218, ,
3775	4021	Kibdelosporangium	philippinense	Actinomycetes	DSM44226		DSM44226,ATCC4 9844,NRRL18198, ,
3776	4022	Actinoplanes	rectilineatus	Actinomycetes	DSM43808		DSM43808,ATCC2 9234,IFO13941,IM RU3919,KCC, ,
3777	4023	Nocardia	uniformis	Actinomycetes	DSM43136		DSM43136,CBS22 4.60,CCRC13368,C IP104824,I, KCCA- 0224,LBGA-3004,N

							CIB963,
3778	4024	Amycolatopsis	japonica	Actinomycetes	DSM44213		DSM44213, ,
3779	4025	Streptomyces	thermoalcalitolerans	Actinomycetes	DSM41741		DSM41741,IFO16322,JCM10673, ,
3780	4026	Brevibacterium	stationis	Actinomycetes	DSM20302		Same as MTCC No. 3455, ,
3781	4027	Dactylosporangium	vinaceum	Actinomycetes	DSM43823		DSM43823,ATCC35207,IFO14181,JCM3307,KCCA, ,
3782	4028	Actinopolyspora	mortivallis	Actinomycetes	DSM44261		DSM44261,ATCC49777,CCRC13635,IFO15162,JC, ,
3783	4029	Pantoea	agglomerans	Bacteria	BT-LLBG2(DWR-II)		
3784	4030	Klebsiella	pneumoniae	Bacteria	nifh:gusa(BWRII)		
3785	4031	Klebsiella	pneumoniae	Bacteria	BT-LBG3(Gusa)		
3786	4032	Klebsiella	pneumoniae	Bacteria	BT-LBG3(DWR-III)		
3787	4033	Aeromonas	sp.	Bacteria	BT-LBG3(DWR-III)		
3788	4034	Azospirillum	brasiliense	Bacteria	BT.LBG30(P1)		
3789	4035	Azospirillum	brasiliense	Bacteria	BT.LBG31(R22)		
3790	4036	Azospirillum	brasiliense	Bacteria	BT.LBG032(K)		
3791	4037	Azospirillum	brasiliense	Bacteria	BT.LBG35(Sorg.)		
3792	4038	Azospirillum	brasiliense	Bacteria	BT-LBG36(R1)		
3793	4039	Azospirillum	brasiliense	Bacteria	BT.LBG37 D2		
3794	4040	Geodermatophilus	obscurus	Actinomycetes	DSM43160		DSM43160,ATCC25078,CBS237.69,IAM14282,IF,KCCA-0152,
3795	4042	Asaia	siamensis	Bacteria	JCM10715		JCM10715,IFO16457,NRRC0323, ,
3796	4043	Saccharomyces	cerevisiae	Yeasts	MJB:YS4		
3797	4044	Saccharomyces	cerevisiae	Yeasts	GJKYS3		
3798	4045	Wickerhamomyces	anomalus	Yeasts	KN:YP3		
3799	4046	Wickerhamomyces	anomalus	Yeasts	BN:YP1		
3800	4047	Wickerhamomyces	anomalus	Yeasts	MJK:YP1		
3801	4048	Wickerhamomyces	anomalus	Yeasts	GJA:YP3		
3802	4049	Kluyveromyces	marixianus var. marixianus	Yeasts	NCAIMY0463		
3803	4050	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.00763		
3804	4051	Pichia	manshurica Saito	Yeasts	NCAIM Y.01044		NCAIM Y.01044,ATCC6288,CBS107,CRC21399,, JCM1442,IFO10215,NRRLY-2026,UCD57-22,VKM,
3805	4052	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.01050		NCAIM Y.01050,ATCC6260,CBS566,DBVPG6140,, JCM1539,IFO10279,IGC2730,NRRLY-324,UCD57,
3806	4053	Pichia	sp.	Yeasts	NCAIM Y.01078		
3807	4054	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.01052		NCAIM Y.01052,CBS2030,CCRC21697

							,DBVPG657, NRRLY-2075,
3808	4055	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.01051		NCAIM Y.01051,CB S1909,NRRLY-208 1,NCYC603, ,
3809	4056	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.01054		NCAIM Y.01054,CB S7232,NRRLY-171 40, ,
3810	4057	Meyerozyma	guilliermondii	Yeasts	NCAIM Y.01053		NCAIM Y.01053,CB S2083,CCRC22094 ,NRRLY-20, ,
3811	4058	Kluyveromyces	marixianus var. marixianus	Yeasts	KE0242		
3812	4059	Kluyveromyces	marixianus var. marixianus	Yeasts	CECT10584		CECT10584,ATCC 46537,CBS397,CC RC21477,DBV, MC YC2712,NRRLY241 5,NCYC851,V TTC- 81107,VT,
3813	4060	Kluyveromyces	lactis var. lactis	Yeasts	CECT10361		
3814	4061	Lachancea	waltii	Yeasts	CECT1950		CECT1950,ATCC6 5600,CBS6430,CC RC22066,DBV, NR RLY8285,NCYC264 4,VCD72-31,
3815	4062	Kluyveromyces	marixianus var. marixianus	Yeasts	CECT1446		CECT1446,ATCC1 2708,CBS2746,NR RLY1598, ,
3816	4063	Kluyveromyces	lactis var. lactis	Yeasts	CECT1121		CECT1121, ,
3817	4064	Microbacterium	liquefaciens	Actinomycetes	BT-LBG7-DWR-VII		
3818	4065	Bacillus	firmus	Bacteria	ARM1		
3819	4066	Streptomyces	sp.	Actinomycetes	Pune3		
3820	4067	Streptomyces	lydicus	Actinomycetes	Pune4		
3821	4068	Streptomyces	jumonjinensis	Actinomycetes	Pune5		
3822	4069	Streptomyces	xanthochromog enes	Actinomycetes	Pune7		
3823	4070	Streptomyces	torulosus	Actinomycetes	Pune10		
3824	4071	Streptomyces	thermocarboxy dus	Actinomycetes	Pune11		
3825	4072	Nocardiosis	dassonvillei subsp. dassonvillei	Actinomycetes	Pune12		
3826	4073	Streptomyces	albidoflavus	Actinomycetes	Pune13		
3827	4074	Streptomyces	sp.	Actinomycetes	Pune19		
3828	4075	Streptomyces	heteromorphus	Actinomycetes	Pune20		
3829	4076	Streptomyces	filipinensis	Actinomycetes	Pune21		
3830	4077	Bacillus	pumilus	Bacteria	AN-5		
3831	4078	Arthrobacter	ilicis	Actinomycetes	AN-8		
3832	4079	Bacillus	cereus	Bacteria	AN-13		
3833	4080	Paenibacillus	lentimorbus	Bacteria	AN-23		
3834	4081	Mucor	minutus	Fungi	586.67		CBS586.67, ,
3835	4082	Mucor	mucedo	Fungi	640.67		CBS640.67,MUCL 30327, ,
3836	4083	Neocosmospora	vasinfecta var.africana	Fungi	325.54		CBS325.54,ATCC1 6238,IFO7591, ,
3837	4084	Neosartorya	fischeri var.glabra	Fungi	111.55		CBS111.55,ATCC1 6909,IFO8789,IMI0 61447,IM, QM1903,WB2163,

3838	4085	Nodulisporium	griseobrunneum	Fungi	331.73		CBS331.73,ATCC36254,IMI080672, ,
3839	4086	Nodulisporium	hinnuleum	Fungi	286.62		CBS286.62,ATCC36255,IMI083003,LSHBB373,M, ,
3840	4087	Paecilomyces	lilacinus	Fungi	284.36		CBS284.36,ATCC10114,ATCC1123,CBS346.48,D, NCTC584, NRRL895, QM7592, JCM9332,
3841	4088	Colletotrichum	gloeosporioides f.alatae	Fungi	304.67		CBS304.67, ,
3842	4089	Glomerella	dankaliensis	Fungi	117.38		CBS117.38, ,
3843	4090	Glomerella	cingulata var. minor	Fungi	CBS238.49		CBS238.49,BBA5871, ,
3844	4091	Hyalodendron	lignicola	Fungi	219.34		CBS219.34,ATCC44978,MUCL9673, ,
3845	4092	Hyalodendron	lignicola	Fungi	222.34		CBS222.34,MUCL9674, ,
3846	4093	Hyalodendron	lignicola	Fungi	220.34		CBS220.34,MUCL9672, ,
3847	4094	Oedocephalum	nicotianae	Fungi	160.74		CBS160.74, ,
3848	4095	Paecilomyces	variotii	Fungi	102.74		CBS102.74,CECT2803, NRRL1116, ,
3849	4096	Trichoderma	reesei	Fungi			
3850	4097	Paecilomyces	fumasoroseus	Fungi	E22		
3851	4098	Paecilomyces	fumasoroseus	Fungi	E23		
3852	4099	Paecilomyces	fumasoroseus	Fungi	E24		
3853	4100	Metarhizium	anisopliae	Fungi	E13		
3854	4101	Metarhizium	anisopliae	Fungi	E14		
3855	4102	Metarhizium	anisopliae	Fungi	E15		
3856	4103	Metarhizium	anisopliae	Fungi	E16		
3857	4104	Metarhizium	anisopliae	Fungi	E17		
3858	4105	Beauveria	bassiana	Fungi	E01		
3859	4106	Beauveria	bassiana	Fungi	E05		
3860	4107	Beauveria	bassiana	Fungi	E06		
3861	4108	Beauveria	bassiana	Fungi	E08		
3862	4109	Beauveria	bassiana	Fungi	E09		
3863	4110	Beauveria	bassiana	Fungi	E10		
3864	4111	Beauveria	bassiana	Fungi	E12		
3865	4112	Paecilomyces	farinosus	Fungi	E18		
3866	4113	Paecilomyces	farinosus	Fungi	E19		
3867	4114	Paecilomyces	farinosus	Fungi	E20		
3868	4115	Paecilomyces	farinosus	Fungi	E21		
3869	4116	Trichoderma	reesei	Fungi	Tm3		
3870	4117	Fusarium	solani	Fungi	Tm9		
3871	4118	Fusarium	oxysporum	Fungi	WP23		
3872	4119	Beauveria	bassiana	Fungi	E02		
3873	4120	Beauveria	bassiana	Fungi	E03		
3874	4121	Beauveria	bassiana	Fungi	E04		
3875	4122	Beauveria	bassiana	Fungi	E11		
3876	4123	Alternaria	alternata	Fungi	WP26		
3877	4124	Agaricus	heterocystis	Fungi	Na3		
3878	4125	Agaricus	trisulphuratus	Fungi	Na6		

3879	4127	Chlorophyllum	molybdites	Fungi	LC01-16A		
3880	4128	Gymnopilus	sp.	Fungi	N12		
3881	4129	Lentinus	cladopus	Fungi	LC47		
3882	4130	Pisolithus	arhizus	Fungi			
3883	4131	Saccharomyces	fibuliger	Yeasts	10C		
3884	4132	Saccharomyces	fibuliger	Yeasts	10D		
3885	4133	Wickerhamomyces	anomalus	Yeasts	AB55		
3886	4136	Kluyveromyces	marixianus var. marixianus	Yeasts	53-L		
3887	4137	Torulospora	delbrueckii	Yeasts	54-L		
3888	4138	Torulospora	delbrueckii	Yeasts	55-L		
3889	4139	Kluyveromyces	marxianus	Yeasts	57-L		
3890	4140	Zygosaccharomyces	rouxii	Yeasts	59-L		
3891	4141	Torulospora	delbrueckii	Yeasts	91-L		
3892	4142	Candida	mangoliae	Yeasts	96-L		
3893	4143	Saccharomyces	fibuliger	Yeasts	RD-3		
3894	4144	Blastobotrys	terrestris	Yeasts	RD-7		
3895	4145	Filobasidium	capsuligenum	Yeasts	RD-50		
3896	4146	Saccharomyces	fibuliger	Yeasts	RD-52		
3897	4148	Streptomyces	atroolivaceus	Actinomycetes	TBG-28S1A46		
3898	4149	Streptosporangium	nondiastaticum	Actinomycetes	TBG-75A20		
3899	4150	Streptomyces	clavifer	Actinomycetes	TBG-75A20		
3900	4151	Streptomyces	macrosporus	Actinomycetes	Pune6		
3901	4152	Micromonospora	echinoaurantiaca	Actinomycetes	Pune17		
3902	4154	Leclercia	adecarboxylata	Bacteria	NCTC10599		NCTC10599, ,
3903	4155	Shimwellia	blattae	Bacteria	NCTC10965		NCTC10965, ATCC 29907, ,
3904	4159	Pisolithus	arhizus	Fungi			
3905	4160	Pisolithus	arhizus	Fungi			
3906	4161	Pisolithus	arhizus	Fungi			
3907	4162	Fusarium	oxysporum var. redolens	Fungi	WP17		
3908	4163	Aspergillus	fumigatus	Fungi	TF3		
3909	4164	Pestalotiopsis	cruenta	Fungi	2		
3910	4165	Pestalotiopsis	virgatula	Fungi	Sorghum		
3911	4166	Pestalotiopsis	adusta	Fungi	Pavata		
3912	4167	Pestalotiopsis	versicolor	Fungi	QMC1		
3913	4168	Heterocephalum	aurantiacum	Fungi			
3914	4169	Pestalotiopsis	langloisi	Fungi	KH20		
3915	4170	Myceliophthora	sp.	Fungi	FGCC309A		
3916	4171	Nomuraea	rileyi	Fungi	E28		
3917	4172	Nomuraea	rileyi	Fungi	E30		
3918	4173	Nomuraea	rileyi	Fungi	E33		
3919	4174	Nomuraea	rileyi	Fungi	E34		
3920	4175	Nomuraea	rileyi	Fungi	E35		

3921	4176	Nomuraea	rileyi	Fungi	E25		
3922	4177	Nomuraea	rileyi	Fungi	E29		
3923	4178	Nomuraea	rileyi	Fungi	E32		
3924	4179	Chaetomium	globosum	Fungi	MG2		
3925	4180	Nomuraea	rileyi	Fungi	E27		
3926	4181	Pseudomonas	sp.	Bacteria	P2d		
3927	4183	Lactobacillus	sp.	Bacteria	BN:R2		
3928	4184	Lactobacillus	sp.	Bacteria	KA:R1		
3929	4185	Lactobacillus	sp.	Bacteria	GJA :R1		
3930	4186	Rhizobium	sp.	Bacteria	DSNP7a		
3931	4187	Mesorhizobium	sp.	Bacteria	DSNP26b		
3932	4188	Mesorhizobium	ciceri	Bacteria	DSNPJ8		
3933	4189	Rhizobium	sp.	Bacteria	DSNPIA		
3934	4190	Rhizobium	sp.	Bacteria	DSNP27b		
3935	4191	Mesorhizobium	sp.	Bacteria	DSNP28B		
3936	4192	Rhizobium	sp.	Bacteria	DSNP2B		
3937	4193	Rhizobium	sp.	Bacteria	DSNPjks7		
3938	4194	Rhizobium	sp.	Bacteria	DSNP11a		
3939	4195	Ochrobactrum	oryzae	Bacteria	BT-LBG(DWR-IV)		
3940	4196	Ochrobactrum	sp.	Bacteria	BT-LBG8(1a)		
3941	4197	Ochrobactrum	sp.	Bacteria	BT-LBG4(DWR-iv)		
3942	4198	Ochrobactrum	sp.	Bacteria	BT-LBG9(SC1124)		
3943	4199	Ochrobactrum	sp.	Bacteria	BTLBG10(LMG3306)		
3944	4200	Ochrobactrum	sp.	Bacteria	BTLBG13(4s)		
3945	4201	Ochrobactrum	sp.	Bacteria	BTLBG13		
3946	4202	Ochrobactrum	sp.	Bacteria	BTLBG13		
3947	4204	Ochrobactrum	sp.	Bacteria	BT-LBG11		
3948	4205	Psychrobacter	glacincola	Bacteria	ATCC700754		ATCC 700754, CIP 105313, DSM 12194, ,
3949	4206	Planococcus	citreus	Bacteria	ATCC14404		
3950	4207	Psychrobacter	sp.	Bacteria	CMS30		
3951	4208	Psychrobacter	vallis	Bacteria	CMS39		
3952	4209	Psychrobacter	proteolyticus	Bacteria	DSM13887		DSM13887, ,
3953	4210	Leifsonia	rubra	Actinomycetes	CMS76r		CIP 107783, DSM 15304, JCM 12471, ,
3954	4211	Leifsonia	aquatica	Actinomycetes	ATCC14665		ATCC14665, DSM 20146, CIP 64.13, JCM 136, ,
3955	4212	Planomicrobiu m	oceanokoites	Bacteria	ATCC33414		ATCC33414, ,
3956	4213	Psychrobacter	frigidicola	Bacteria	ATCC700361		
3957	4214	Listeria	sp.	Bacteria	61/4		
3958	4215	Listeria	sp.	Bacteria	64/4		
3959	4217	Vibrio	nereis	Bacteria	85/6		
3960	4218	Streptomyces	venezuelae	Actinomycetes	P-10		
3961	4219	Geobacillus	thermoleovorans	Bacteria	MP33		MP33, ,
3962	4220	Geobacillus	thermoleovorans	Bacteria	NP54		MP33, ,
3963	4221	Citrobacter	freundii	Bacteria	ACN1		
3964	4225	Halmonas	sp.	Bacteria	DD28		

3965	4227	Streptomyces	peuceticus	Actinomycetes	SPAK		
3966	4228	Streptomyces	peuceticus	Actinomycetes	SP3D		
3967	4229	Streptomyces	peuceticus	Actinomycetes	SPNTG		
3968	4230	Streptomyces	peuceticus	Actinomycetes	SPDHC		
3969	4231	Streptomyces	peuceticus	Actinomycetes	SPIF		
3970	4232	Streptomyces	peuceticus	Actinomycetes	SPIB		
3971	4233	Streptomyces	peuceticus	Actinomycetes	SPIC		
3972	4234	Streptomyces	peuceticus	Actinomycetes	SPV1		
3973	4235	Streptomyces	peuceticus	Actinomycetes	SPMAG		
3974	4236	Streptomyces	peuceticus	Actinomycetes	SPFS		
3975	4237	Streptomyces	peuceticus	Actinomycetes	SPRHO		
3976	4238	Fusarium	udum	Fungi			
3977	4239	Pestalotiopsis	gracilis	Fungi	PestaVB		
3978	4240	Pestalotiopsis	stellata	Fungi	Pa1		
3979	4241	Pestalotiopsis	coffea	Fungi	P1		
3980	4242	Pestalotiopsis	maculans	Fungi	Pesta1		
3981	4243	Pestalotiopsis	coffea	Fungi	AP		
3982	4244	Pestalotiopsis	neglecta	Fungi	82		
3983	4245	Pestalotiopsis	virgatula	Fungi	KAM2		
3984	4246	Pestalotiopsis	olivacea	Fungi	Pesta U		
3985	4247	Pestalotiopsis	versicolor	Fungi	QMC3		
3986	4248	Pestalotiopsis	mangiferae	Fungi	N2		
3987	4249	Pestalotiopsis	palmarum	Fungi	Cocus		
3988	4250	Phyllosticta	sp.	Fungi	RSK5		
3989	4251	Phyllosticta	sp.	Fungi	RSK6		
3990	4252	Phyllosticta	sp.	Fungi	RSK7		
3991	4253	Phyllosticta	sp.	Fungi	RSK10		
3992	4254	Nomuraea	rileyi	Fungi	E26		
3993	4255	Lasiodiplodia	sp.	Fungi	Bot.4		
3994	4256	Lasiodiplodia	sp.	Fungi	Bot.7		
3995	4257	Lasiodiplodia	sp.	Fungi	Bot.9		
3996	4258	Lasiodiplodia	sp.	Fungi	Bot.10		
3997	4259	Pestalotiopsis	sorbi	Fungi	25		
3998	4260	Fusarium	coeruleum	Fungi	GPCK1094		
3999	4261	Aspergillus	sparsus	Fungi	GPCK1096		
4000	4262	Paecilomyces	lilacinus	Fungi	GPCK1095		

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
4001	4263	Chrysosporium	tropicum	Fungi	GPCK1085		
4002	4264	Humicola	grisea var. thermoidea	Fungi	GPCK1090		
4003	4265	Penicillium	citrinum	Fungi	GPCK1097		
4004	4266	Chrysosporium	indicum	Fungi	GPCK1083		
4005	4267	Gymnoascus	subumbrinus	Fungi	GPCK1091		
4006	4268	Ctenomyces	serratus	Fungi	GPCK1092		
4007	4269	Malbranchea	pulchella	Fungi	GPCK1086		
4008	4270	Malbranchea	flava	Fungi	GPCK1087		
4009	4271	Aspergillus	terreus var. terreus	Fungi	GPCK1098		
4010	4272	Lasiodiplodia	sp.	Fungi	Bot.1		
4011	4273	Lasiodiplodia	sp.	Fungi	Bot.2		
4012	4274	Phoma	sp.	Fungi	KPK 1		
4013	4275	Phomopsis	sp.	Fungi	KPK 2		
4014	4276	Phomopsis	sp.	Fungi	KPK 3		
4015	4277	Phomopsis	sp.	Fungi	KPK4		
4016	4278	Phomopsis	sp.	Fungi	KPK 5		
4017	4279	Cunninghamella	echinulata	Fungi	OUFH023		
4018	4280	Athelia	rolfsii	Fungi	OUFH160		
4019	4281	Alternaria	helianthi	Fungi	OUFH163		
4020	4282	Botryodiplodia	sp.	Fungi	Bot .5		
4021	4283	Botryodiplodia	sp.	Fungi	Bot .6		
4022	4284	Penicillium	citrinum	Fungi	OUFH158		
4023	4285	Aspergillus	tubingensis	Fungi	OUFH010		
4024	4286	Aspergillus	terreus	Fungi	OUFH013		
4025	4287	Aspergillus	terreus	Fungi	OUFH025		
4026	4288	Emericella	varicolor	Fungi	OUFH024		
4027	4289	Fusarium	solani	Fungi	OUFH072		
4028	4290	Fusarium	udum	Fungi			
4029	4291	Delftia	acidovorans	Bacteria	NCTC10683		NCTC10683, ,
4030	4292	Pseudomonas	sp.	Bacteria	MR1		
4031	4293	Sinomonas	atroeyanea	Actinomycetes	A02		
4032	4294	Arthrobacter	sp.	Actinomycetes	G01		
4033	4295	Arthrobacter	sp.	Actinomycetes	G01		
4034	4296	Escherichia	coli	Bacteria	NCTC9006		NCTC9006,ATCC19138, ,
4035	4297	Pseudonocardia	antarctica	Actinomycetes	DVS5A1		MTCC4297, DSM44749, ,
4036	4298	Microbacterium	phyllorphaerae	Actinomycetes	WT4		
4037	4299	Arthrobacter	globiformis	Actinomycetes	S4		
4038	4300	Micrococcus	luteus	Actinomycetes	12A		
4039	4301	Serratia	marcescens	Bacteria	3HPC		
4040	4302	Pseudomonas	aeruginosa	Bacteria	NLU-1		
4041	4303	Streptomyces	ghanaensis	Bacteria	440		
4042	4304	Bacillus	subtilis	Bacteria	CHGB-3		
4043	4305	Alcaligenes	faecalis	Bacteria	MS-51		
4044	4306	Pseudomonas	aeruginosa	Bacteria	GSFC		
4045	4307	Kluyveromyces	marixianus var.	Yeasts	A-3		

			marixianus				
4046	4308	Pichia	angusta	Yeasts	A-7		
4047	4309	Saccharomyces	fibuliger	Yeasts	A-9		
4048	4310	Wickerhamomyces	ciferrii	Yeasts	A12		
4049	4311	Saccharomyces	fibuliger	Yeasts	A-20		
4050	4312	Pichia	burtonii	Yeasts	A-32		
4051	4314	Aquaspirillum	serpens	Bacteria	NCTC10593		NCTC10593,ATCC 12638, ,
4052	4315	Escherichia	coli	Bacteria	NCTC10855		NCTC10855,ATCC 12814, ,
4053	4316	Bacillus	sp.	Bacteria	B17		
4054	4318	Halomonas	sp.	Bacteria	DD23		
4055	4319	Halomonas	sp.	Bacteria	DD24		
4056	4320	Halomonas	sp.	Bacteria	DD29		
4057	4321	Halomonas	sp.	Bacteria	DD39		
4058	4322	Halomonas	sp.	Bacteria	DD45		
4059	4323	Halomonas	sp.	Bacteria	SJ37		
4060	4324	Emericella	varicolor	Fungi	OUFH008		
4061	4325	Aspergillus	niger	Fungi	OUFH159		
4062	4326	Aspergillus	flavus	Fungi	OUFH006		
4063	4327	Fusarium	udum	Fungi			
4064	4328	Trichoderma	longibrachiatum	Fungi	OUFH070		
4065	4329	Trichoderma	viride	Fungi	OUFH045		
4066	4330	Aspergillus	fumigatus	Fungi	OUFH014		
4067	4331	Aspergillus	allahabadii	Fungi	AG1		
4068	4332	Fusarium	solani	Fungi	E		
4069	4333	Aspergillus	fumigatus	Fungi	A		
4070	4334	Aspergillus	fumigatus	Fungi	C		
4071	4335	Aspergillus	sydowii	Fungi	t4		
4072	4336	Paecilomyces	variotii	Fungi	Br1		
4073	4337	Aspergillus	oryzae	Fungi	Jai		
4074	4338	Termitomyces	heimii	Fungi	CH1		
4075	4339	Tricholoma	lobayense	Fungi			
4076	4340	Entoloma	nilgiriense	Fungi	11(3)		
4077	4341	Xerula	furfuracea var.bispora	Fungi	XF		
4078	4342	Aspergillus	candidus	Fungi			
4079	4343	Podaxis	pistillaris	Fungi	PP		
4080	4344	Laccaria	fraterna	Fungi			
4081	4345	Stachybotrys	sp.	Fungi			
4082	4346	Trichoderma	viridans	Fungi	OUFH063		
4083	4347	Trichoderma	asperellum	Fungi	OUFH071		
4084	4348	Trichoderma	atroviride	Fungi	OUFH068		
4085	4349	Mucor	indicus	Fungi	AKM		
4086	4350	Myceliophthora	sp.	Fungi	FGCC309		
4087	4351	Colletotrichum	crassipes	Fungi	MG136a		
4088	4352	Colletotrichum	musae	Fungi	MG194		
4089	4353	Pithomyces	sp.	Fungi	MG262		

4090	4354	Alternaria	alternata	Fungi	MG264a		
4091	4355	Microascus	sp.	Fungi	MG344		
4092	4356	Fusarium	oxysporum	Fungi	VBE1		
4093	4357	Fusarium	oxysporum	Fungi	VSO2		
4094	4358	Trichoderma	harzianum	Fungi	VST1		
4095	4359	Phomopsis	sp.	Fungi	306a		
4096	4360	Aspergillus	tubingensis	Fungi	AN		
4097	4361	Debaryomyces	hansenii var. hansenii	Yeasts	RP8		
4098	4362	Debaryomyces	hansenii var. hansenii	Yeasts	RP-87		
4099	4363	Debaryomyces	hansenii var. hansenii	Yeasts	RP-100		
4100	4364	Candida	sake	Yeasts	RP-165		
4101	4365	Debaryomyces	hansenii var. hansenii	Yeasts	RP-169		
4102	4366	Candida	tropicalis	Yeasts	RP-186		
4103	4367	Torulasporea	delbrueckii	Yeasts	RP-303		
4104	4368	Rhodotorula	minuta var. minuta	Yeasts	DFR-CY		
4105	4369	Rhodotorula	minuta var. minuta	Yeasts	DFR-PDY		
4106	4370	Candida	tropicalis	Yeasts	RSP1		
4107	4371	Candida	sp.	Yeasts	TERI-6		
4108	4372	Candida	blankii	Yeasts	TERI-7		
4109	4374	Bacillus	indicus	Bacteria	SD3		
4110	4375	Bacillus	sp.	Bacteria	SD-1		
4111	4376	Bacillus	sp.	Bacteria	S-2		
4112	4377	Bacillus	sp.	Bacteria	ConN/1		
4113	4378	Bacillus	sp.	Bacteria	Cona/4		
4114	4379	Bacillus	sp.	Bacteria	Cona11		
4115	4380	Bacillus	arsenicus	Bacteria	Cona/3		
4116	4382	Pantoea	agglomerans	Bacteria	BT-LBG1:(Dwr1)		
4117	4383	Stenotrophomonas	maltophila	Bacteria	BT-LBG1:(Dwr-V1)		
4118	4384	Pantoea	agglomerans	Bacteria	BT-LBG114(Fma)		
4119	4385	Stenotrophomonas	maltophila	Bacteria	BT-LBG17(1mc)		
4120	4386	Psychrobacter	aquaticus	Bacteria			
4121	4387	Pseudomonas	sp.	Bacteria	CMS35		
4122	4388	Pseudomonas	sp.	Bacteria	CMS38		
4123	4389	Pseudomonas	sp.	Bacteria	CMS45		
4124	4390	Pseudomonas	sp.	Bacteria	CMS64		
4125	4391	Pseudomonas	putida	Bacteria			
4126	4392	Pseudomonas	lundensis	Bacteria	CIP103272		ATCC49968, CIP103272, DSM 6252, ,
4127	4393	Pseudomonas	stutzeri	Bacteria	MCMRD-AB-001		
4128	4394	Bacillus	sp.	Bacteria	A504		Plant parts, ,
4129	4395	Bacillus	sp.	Bacteria	S103		
4130	4396	Brevibacillus	laterosporus	Bacteria	R39		
4131	4398	Arthrobacter	sp.	Actinomycetes	1		
4132	4399	Arthrobacter	sp.	Actinomycetes	9		

4133	4400	Rhodococcus	sp.	Actinomycetes	12		
4134	4401	Puniceus	californicus	Actinomycetes	G-16		
4135	4402	Streptomyces	luridus	Actinomycetes	G-22		
4136	4403	Filobasidiella	neoformans var neoformans	Yeasts	SRN-1		
4137	4404	Filobasidiella	neoformans var neoformans	Yeasts	SRN2		
4138	4405	Filobasidiella	neoformans var neoformans	Yeasts	SRN2		
4139	4406	Filobasidiella	neoformans var neoformans	Yeasts	SRN4		
4140	4407	Filobasidiella	neoformans var neoformans	Yeasts	SRN8		
4141	4408	Filobasidiella	neoformans var neoformans	Yeasts	SRN12		
4142	4409	Filobasidiella	neoformans var neoformans	Yeasts	SRN-14		
4143	4410	Filobasidiella	neoformans var neoformans	Yeasts	SRN-14		
4144	4411	Filobasidiella	neoformans var neoformans	Yeasts	SRN-22		
4145	4412	Filobasidiella	neoformans var neoformans	Yeasts	SRN-23		
4146	4413	Filobasidiella	neoformans var neoformans	Yeasts	SRN-26		
4147	4414	Filobasidiella	neoformans var neoformans	Yeasts	SRN-29		
4148	4415	Filobasidiella	neoformans var neoformans	Yeasts	SRN-35		
4149	4416	Filobasidiella	neoformans var neoformans	Yeasts	SRN-38		
4150	4417	Filobasidiella	neoformans var neoformans	Yeasts	SRN-44		
4151	4418	Filobasidiella	neoformans var neoformans	Yeasts	SRN-45		
4152	4419	Filobasidiella	neoformans var neoformans	Yeasts	SRN-50		
4153	4420	Filobasidiella	neoformans var neoformans	Yeasts	SRN-59		
4154	4421	Filobasidiella	neoformans var neoformans	Yeasts	SRN-60		
4155	4422	Filobasidiella	neoformans var neoformans	Yeasts	SRN-65		
4156	4423	Filobasidiella	neoformans var neoformans	Yeasts	SRN-54		
4157	4424	Filobasidiella	neoformans var neoformans	Yeasts	SRN-70		
4158	4425	Filobasidiella	neoformans var neoformans	Yeasts	SRN-85		
4159	4428	Micrococcus	luteus	Actinomycetes	A-1		
4160	4429	Kocuria	varians	Actinomycetes	A-2		
4161	4430	Providencia	alcalifaciens	Bacteria	NCTC8056		
4162	4431	Providencia	stuartii	Bacteria	NCTC10318		NCTC10318, ,
4163	4432	Vibrio	fluvialis	Bacteria	NCTC11327		NCTC11327,ATCC 33809, ,
4164	4433	Serratia	marinorubra	Bacteria	NCTC10847		NCTC10847, ,
4165	4434	Vibrio	mimicus	Bacteria	NCTC11435		NCTC11435, ATCC 33653, DSM 19130,

4166	4435	Staphylococcus	hominis	Bacteria	NCTC11320	NCTC11320, ATCC27844, DSM 122, JCM 2419, ,
4167	4436	Staphylococcus	warneri	Bacteria	NCTC11044	NCTC11044,ATCC 27836,DSM20316, ,
4168	4437	Pseudomonas	sp.	Bacteria	NCTC10894	NCTC10894, ,
4169	4438	Pseudomonas	sp.	Bacteria	NCTC7542	NCTC7542, ,
4170	4440	Proteus	rettgeri	Bacteria	NCTC10377	NCTC10377, ,
4171	4445	Bacillus	sp.	Bacteria	ITRC-3	
4172	4446	Arthrobacter	globiformis	Actinomycetes	8010	IAM12438,ATCC 8010, ,
4173	4447	Clavispora	lusitaniae	Yeasts	UWO(PS)92-308.1	
4174	4448	Candida	parapsilosis	Yeasts	YC	
4175	4449	Rhodotorula	mucilaginosa var. mucilaginosa	Yeasts	AMYP	
4176	4450	Rhodotorula	mucilaginosa var. mucilaginosa	Yeasts	AKYP	
4177	4451	Debaryomyces	hansenii var. hansenii	Yeasts	P9	
4178	4452	Wickerhamomyces	anomalus	Yeasts	P10	
4179	4453	Debaryomyces	hansenii var. hansenii	Yeasts	P11	
4180	4454	Candida	tropicalis	Yeasts	S3C	
4181	4455	Debaryomyces	hansenii var. hansenii	Yeasts	NIO-C-MY-52	
4182	4456	Debaryomyces	hansenii var. hansenii	Yeasts	MY-63	
4183	4459	Pseudomonas	putida	Bacteria	CMS81y	
4184	4460	Lactobacillus	brevis	Bacteria	LR/2	
4185	4461	Lactobacillus	plantarum	Bacteria	LR/3	
4186	4462	Lactobacillus	plantarum	Bacteria	LR/4	
4187	4463	Lactobacillus	brevis	Bacteria	LR/5	
4188	4464	Lactobacillus	plantarum	Bacteria	LR/7	
4189	4465	Deinococcus	radiodurans	Bacteria	IAM12271	
4190	4466	Bacillus	sp.	Bacteria	TH/CL/B21	
4191	4468	Bacillus	sp.	Bacteria	B18/EF/GH	
4192	4469	Phyllosticta	sp.	Fungi	MG136b	
4193	4470	Aspergillus	aculeatus	Fungi	MGBr6	
4194	4471	Trichoderma	harzianum	Fungi	OUFH044	
4195	4472	Microsporum	gypseum	Fungi	K45	
4196	4473	Microsporum	gypseum	Fungi	K95	
4197	4474	Microsporum	gypseum	Fungi	K95A	
4198	4475	Microsporum	gypseum	Fungi	K156I	
4199	4476	Microsporum	gypseum	Fungi	K166	
4200	4477	Microsporum	gypseum	Fungi	K147	
4201	4478	Microsporum	gypseum	Fungi	K166I	
4202	4479	Microsporum	gypseum	Fungi	K166II	
4203	4480	Microsporum	gypseum	Fungi	K214	
4204	4481	Microsporum	gypseum	Fungi	K215	
4205	4482	Microsporum	gypseum	Fungi	K225	

4206	4483	Microsporium	gypseum	Fungi	K290		
4207	4484	Penicillium	janczewskii	Fungi	MGBM21		
4208	4485	Penicillium	expansum	Fungi	MGBM20		
4209	4486	Chrysolinia	sitophila	Fungi	BFP8		
4210	4487	Microsporium	gypseum	Fungi	K155		
4211	4488	Microsporium	gypseum	Fungi	K106		
4212	4489	Microsporium	gypseum	Fungi	K165I		
4213	4490	Microsporium	gypseum	Fungi	K165II		
4214	4491	Microsporium	gypseum	Fungi	K292		
4215	4492	Beauveria	bassiana	Fungi	E37		
4216	4493	Microsporium	gypseum	Fungi	K262		
4217	4494	Microsporium	gypseum	Fungi	K242		
4218	4495	Beauveria	bassiana	Fungi	E36		
4219	4496	Beauveria	bassiana	Fungi	E38		
4220	4497	Beauveria	bassiana	Fungi	E39		
4221	4498	Beauveria	bassiana	Fungi	E40		
4222	4499	Beauveria	bassiana	Fungi	E41		
4223	4500	Beauveria	bassiana	Fungi	E42		
4224	4501	Beauveria	bassiana	Fungi	E43		
4225	4502	Beauveria	sp.	Fungi	E44		
4226	4503	Beauveria	bassiana	Fungi	E112		
4227	4504	Beauveria	bassiana	Fungi	E113		
4228	4505	Beauveria	bassiana	Fungi	E114		
4229	4506	Beauveria	bassiana	Fungi	E115		
4230	4507	Beauveria	bassiana	Fungi	E116		
4231	4508	Beauveria	bassiana	Fungi	E117		
4232	4509	Beauveria	bassiana	Fungi	E118		
4233	4510	Beauveria	bassiana	Fungi	E119		
4234	4511	Beauveria	bassiana	Fungi	E120		
4235	4512	Beauveria	bassiana	Fungi	E121		
4236	4513	Beauveria	bassiana	Fungi	E122		
4237	4514	Beauveria	bassiana	Fungi	E123		
4238	4515	Beauveria	bassiana	Fungi	E124		
4239	4516	Beauveria	bassiana	Fungi	E125		
4240	4517	Beauveria	bassiana	Fungi	E126		
4241	4518	Humicola	insolens	Fungi	HgI		
4242	4519	Humicola	insolens	Fungi	HgII		
4243	4520	Humicola	insolens	Fungi	HgIII		
4244	4521	Microsporium	gypseum	Fungi	K241		
4245	4522	Microsporium	gypseum	Fungi	K243		
4246	4523	Microsporium	gypseum	Fungi	K248M		
4247	4524	Microsporium	gypseum	Fungi	K250		
4248	4525	Microsporium	gypseum	Fungi	K287		
4249	4526	Beauveria	sp.	Fungi	E45		
4250	4527	Beauveria	sp.	Fungi	E46		
4251	4528	Beauveria	bassiana	Fungi	E108		
4252	4529	Beauveria	bassiana	Fungi	E109		
4253	4530	Beauveria	bassiana	Fungi	E110		
4254	4531	Beauveria	bassiana	Fungi	E111		
4255	4532	Beauveria	bassiana	Fungi	E127		

4256	4533	Beauveria	bassiana	Fungi	E128		
4257	4534	Beauveria	bassiana	Fungi	E129		
4258	4535	Beauveria	bassiana	Fungi	E130		
4259	4536	Beauveria	bassiana	Fungi	E131		
4260	4537	Beauveria	bassiana	Fungi	E132		
4261	4538	Beauveria	bassiana	Fungi	E133		
4262	4539	Beauveria	bassiana	Fungi	E134		
4263	4540	Beauveria	bassiana	Fungi	E135		
4264	4541	Chrysosporium	sp.	Fungi	FGCCK230		
4265	4542	Beauveria	bassiana	Fungi	E101		
4266	4543	Beauveria	bassiana	Fungi	E102		
4267	4544	Beauveria	bassiana	Fungi	E103		
4268	4545	Beauveria	bassiana	Fungi	E104		
4269	4546	Beauveria	bassiana	Fungi	E105		
4270	4547	Beauveria	bassiana	Fungi	E106		
4271	4548	Beauveria	bassiana	Fungi	E107		
4272	4549	Beauveria	bassiana	Fungi	E94		
4273	4550	Beauveria	bassiana	Fungi	E95		
4274	4551	Beauveria	bassiana	Fungi	E96		
4275	4552	Beauveria	bassiana	Fungi	E93		
4276	4553	Beauveria	bassiana	Fungi	E97		
4277	4554	Beauveria	bassiana	Fungi	E98		
4278	4555	Beauveria	bassiana	Fungi	E99		
4279	4556	Beauveria	bassiana	Fungi	E100		
4280	4557	Beauveria	bassiana	Fungi	E85		
4281	4558	Beauveria	bassiana	Fungi	E86		
4282	4559	Beauveria	bassiana	Fungi	E87		
4283	4560	Beauveria	bassiana	Fungi	E88		
4284	4561	Beauveria	bassiana	Fungi	E89		
4285	4562	Beauveria	bassiana	Fungi	E90		
4286	4563	Beauveria	bassiana	Fungi	E91		
4287	4564	Beauveria	bassiana	Fungi	E92		
4288	4565	Beauveria	bassiana	Fungi	E77		
4289	4566	Beauveria	bassiana	Fungi	E78		
4290	4567	Beauveria	bassiana	Fungi	E79		
4291	4568	Beauveria	bassiana	Fungi	E80		
4292	4569	Beauveria	bassiana	Fungi	E81		
4293	4570	Beauveria	bassiana	Fungi	E82		
4294	4571	Beauveria	bassiana	Fungi	E83		
4295	4572	Beauveria	bassiana	Fungi	E84		
4296	4573	Chaetomium	globosum	Fungi	FGCCK247		
4297	4574	Beauveria	sp.	Fungi	E47		
4298	4575	Beauveria	bassiana	Fungi	E69		
4299	4576	Beauveria	bassiana	Fungi	E70		
4300	4577	Beauveria	bassiana	Fungi	E71		
4301	4578	Beauveria	bassiana	Fungi	E72		
4302	4579	Beauveria	bassiana	Fungi	E73		
4303	4580	Beauveria	bassiana	Fungi	E74		
4304	4581	Beauveria	bassiana	Fungi	E75		
4305	4582	Beauveria	bassiana	Fungi	E76		

4306	4583	Beauveria	sp.	Fungi	E61		
4307	4584	Beauveria	sp.	Fungi	E62		
4308	4585	Beauveria	sp.	Fungi	E63		
4309	4586	Beauveria	sp.	Fungi	E64		
4310	4587	Beauveria	sp.	Fungi	E65		
4311	4588	Beauveria	sp.	Fungi	E66		
4312	4589	Beauveria	sp.	Fungi	E67		
4313	4590	Beauveria	sp.	Fungi	E68		
4314	4591	Beauveria	sp.	Fungi	E48		
4315	4592	Beauveria	sp.	Fungi	E49		
4316	4593	Beauveria	sp.	Fungi	E50		
4317	4594	Beauveria	sp.	Fungi	E51		
4318	4595	Beauveria	sp.	Fungi	E52		
4319	4596	Beauveria	sp.	Fungi	E53		
4320	4597	Beauveria	sp.	Fungi	E54		
4321	4598	Beauveria	bassiana	Fungi	E55		
4322	4599	Beauveria	bassiana	Fungi	E56		
4323	4600	Beauveria	bassiana	Fungi	E57		
4324	4601	Streptomyces	anthocyanicus	Actinomycetes	Psd-1		
4325	4602	Escherichia	coli	Bacteria	BW25113		CGSC7636, ,
4326	4603	Escherichia	coli	Bacteria	BW26356		CGSC7647, ,
4327	4604	Escherichia	coli	Bacteria			
4328	4605	Beauveria	bassiana	Fungi	E58		
4329	4606	Beauveria	sp.	Fungi	E59		
4330	4607	Beauveria	sp.	Fungi	E60		
4331	4608	Chrysosporium	merdarium	Fungi	GPCK1521		
4332	4609	Myceliophthora	vellerea	Fungi	GPCK1522		
4333	4610	Penicillium	sp.	Fungi	5.2(2)		
4334	4611	Chrysosporium	indicum	Fungi	GPCK1100		
4335	4612	Pectinotrichum	llanense	Fungi	GPCK1059		
4336	4613	Aspergillus	flavus	Fungi	SRB/BT/02/GP		
4337	4614	Aspergillus	foetidus	Fungi	SRB/BT/02/BP		
4338	4615	Rhizopus	oryzae	Fungi	SRB/BT/02/BH		
4339	4616	Aspergillus	awamori	Fungi	An		
4340	4617	Humicola	insolens	Fungi	V7		
4341	4618	Colletotrichum	gloeosporioides	Fungi	SJ21		
4342	4619	Gymnoascus	sp.	Fungi	GPCK1503		
4343	4620	Absidia	corymbifera	Fungi	V8		
4344	4621	Chrysosporium	sp.	Fungi	GPCK1502		
4345	4622	Humicola	sp.	Fungi	GPCK1507		
4346	4623	Aspergillus	foetidus	Fungi	SJ4		
4347	4624	Colletotrichum	crassipes	Fungi	SJ23		
4348	4625	Curvularia	tuberculata	Fungi	SJ15		
4349	4626	Colletotrichum	gloeosporioides	Fungi	SJ22		
4350	4627	Curvularia	lunata var. aeria	Fungi	SJ3		
4351	4628	Fusarium	udum	Fungi	B		
4352	4629	Curvularia	pallescens	Fungi	SJ14		
4353	4630	Cunninghamella	echinulata	Fungi	SJ12		
4354	4631	Aspergillus	fumigatus	Fungi	SJ9		

4355	4632	Penicillium	janthinellum	Fungi	SJ13		
4356	4633	Rhizoctonia	solani	Fungi	1		
4357	4634	Rhizoctonia	solani	Fungi	2		
4358	4635	Scytalidium	thermophilum	Fungi	SJ7		
4359	4636	Paecilomyces	fumosoroseus	Fungi	H47		
4360	4637	Humicola	fuscoatra var. fuscoatra	Fungi			
4361	4638	Fusarium	udum	Fungi			
4362	4639	Phoma	tropica	Fungi	300		
4363	4640	Trichoderma	harzianum	Fungi			
4364	4641	Periconia	sp.	Fungi	BCF2		
4365	4642	Penicillium	purpurogenum	Fungi	H32		
4366	4643	Aspergillus	ochraceus	Fungi	SYF2		
4367	4644	Aspergillus	flavipes	Fungi	SYF1		
4368	4645	Plectosphaerella	sp.	Fungi	W1		
4369	4646	Colletotrichum	gloeosporioides	Fungi	SJ21		
4370	4647	Eurotium	sp.	Fungi	SJ25		
4371	4648	Penicillium	montanense	Fungi	H163		
4372	4649	Fusarium	fujikuroi	Fungi	USG2		
4373	4650	Phoma	sorghina	Fungi	LL		
4374	4651	Phyllosticta	capitalensis	Fungi	MSR1		
4375	4652	Phyllosticta	capitalensis	Fungi	TSS13		
4376	4653	Phyllosticta	capitalensis	Fungi	TSS16		
4377	4654	Phyllosticta	capitalensis	Fungi	TSS14		
4378	4655	Pseudomonas	sp.	Bacteria	B17/SA/RA		
4379	4656	Pseudomonas	sp.	Bacteria	B24/SA/RA		
4380	4657	Rhodogloobus	aureus	Actinomycetes	CMS8ly		CIP 107785, DSM 15303, JCM 12762,
4381	4658	Brevibacillus	brevis	Bacteria	A86		
4382	4659	Bacillus	sp.	Bacteria	BC1		
4383	4660	Bacillus	sp.	Bacteria	SB1		
4384	4661	Halomonas	aquamarina	Bacteria	HA8		
4385	4662	Bacillus	sp.	Bacteria	A59b		
4386	4663	Flavobacterium	sp.	Bacteria	S14/JHeX6		
4387	4664	Flavobacterium	sp.	Bacteria	S13/JHex5		
4388	4665	Bacillus	alcalophilus	Bacteria	S1		
4389	4666	Bacillus	sp.	Bacteria	A37		
4390	4667	Bacillus	sp.	Bacteria	SBW		
4391	4668	Bacillus	alcalophilus	Bacteria	S11		
4392	4669	Bacillus	alcalophilus	Bacteria	S10		
4393	4671	Bacillus	coagulans	Bacteria	Simla		
4394	4672	Bacillus	sp.	Bacteria	241a		
4395	4673	Pseudomonas	aeruginosa	Bacteria	S1		
4396	4674	Bacillus	pantothenticus	Bacteria	S2		
4397	4675	Bacillus	sp.	Bacteria	GM102		
4398	4677	Bacillus	sp.	Bacteria	psd7		
4399	4682	Pseudomonas	aeruginosa	Bacteria	IC230		
4400	4683	Pseudomonas	aeruginosa	Bacteria	IC209		
4401	4684	Burkholderia	cepacia	Bacteria	IC204		

4402	4685	Achromobacter	denitrificans	Bacteria	IC149	
4403	4686	Serratia	sp.	Bacteria	IC234	
4404	4687	Micrococcus	luteus	Actinomycetes	GM-101	
4405	4688	Rhodococcus	erythropolis	Actinomycetes	198	
4406	4689	Microbacterium	sp.	Actinomycetes	PBR 110	
4407	4690	Candida	tropicalis	Yeasts	A1	
4408	4691	Xenorhabdus	sp.	Bacteria	JSP	
4409	4692	Brevibacillus	brevis	Bacteria	BR-37	
4410	4693	Bacillus	circulans	Bacteria	P2	
4411	4694	Bacillus	sp.	Bacteria	P3	
4412	4695	Bacillus	pantothenicus	Bacteria	P4	
4413	4696	Azotobacter	sp.	Bacteria	LAZ-S	
4414	4697	Azotobacter	sp.	Bacteria	LAZ-RJ	
4415	4698	Azotobacter	sp.	Bacteria	BAZ-RJ	
4416	4699	Bacillus	thuringiensis	Bacteria	BT	
4417	4700	Azotobacter	sp.	Bacteria	BAZ-AM	
4418	4701	Pseudomonas	sp.	Bacteria	KHM1-71a	Water, ,
4419	4702	Rhizobium	sp.	Bacteria	KS-R	
4420	4703	Rhizobium	sp.	Bacteria		
4421	4704	Rhizobium	sp.	Bacteria		
4422	4705	Rhizobium	sp.	Bacteria	KWC-R	
4423	4706	Rhizobium	sp.	Bacteria	PKL-R	
4424	4707	Pseudomonas	sp.	Bacteria	BP-9	
4425	4708	Rhizobium	sp.	Bacteria	MM-R	
4426	4709	Rhizobium	sp.	Bacteria	RKL-R	
4427	4710	Rhizobium	sp.	Bacteria	KL-R	
4428	4711	Rhizobium	sp.	Bacteria	KP-R	
4429	4712	Rhizobium	sp.	Bacteria	KRC-R	
4430	4713	Pseudomonas	sp.	Bacteria	LP2	
4431	4714	Bacillus	thuringiensis	Bacteria	ITRC PK1	
4432	4715	Bacillus	thuringiensis	Bacteria	ITRC PKIII	
4433	4716	Brevibacillus	brevis	Bacteria	ITRC PKIV	
4434	4723	Bacillus	sp.	Bacteria	MGBB13	
4435	4724	Bacillus	sp.	Bacteria	MGBB14	
4436	4725	Bacillus	sp.	Bacteria	MGBB-20	
4437	4726	Bacillus	sp.	Bacteria	MGBB-22	
4438	4727	Pseudomonas	aeruginosa	Bacteria	ITR-5	
4439	4728	Streptomyces	flavovirus	Actinomycetes	JCM4475	JCM4475,ATCC25452,CBS101.34,DSM40323,IFO, RIA1232,VKMAC1325,
4440	4729	Streptomyces	bottropensis	Actinomycetes	JCM4459	JCM4459,ATCC25435,DSM40262,IFO13023,CCRC, RIA1215,
4441	4730	Streptomyces	virginiae	Actinomycetes	JCM4425	JCM4425,ATCC19817,DSM40094,IFO3729,KCTC1, RIA1097,NRRLB1446,
4442	4731	Streptomyces	subutilus	Actinomycetes	JCM4695	JCM4694,ATCC27467,DSM40445,IFO13388,JCM4, NRRLB12377,RIA1349,VKMAC1210,CBS68972,

4443	4732	Streptomyces	neyagawaensis	Actinomycetes	JCM4796		JCM4796,ATCC27449,DSM40588,CBS778.72,IFO, RIA1256,VKME1915,
4444	4733	Streptomyces	scabiei	Actinomycetes	JCM7914		JCM7914,ATCC49173,CIP10548,DSM41658, ,
4445	4734	Streptomyces	griseus subsp. griseus	Actinomycetes	JCM4644		JCM4644,ATCC23345,23921,DSM40236,IFO1287, NCIMB13023,NRRLB2682, RIA1176,VKMAC800,
4446	4735	Streptomyces	griseus	Actinomycetes	JCM4226		JCM4226,ATCC25497,CBS105.27,DSM40395,IFO, KCTC9144,NRRLB2555,
4447	4736	Azotobacter	sp.	Bacteria	BAZ-AP		
4448	4738	Azotobacter	sp.	Bacteria	LAZ-W		
4449	4739	Saccharomyces	cerevisiae	Yeasts	SL1		
4450	4740	Saccharomyces	cerevisiae	Yeasts	SL2		
4451	4741	Saccharomyopsis	fibuligera	Yeasts	SL4		
4452	4742	Saccharomyces	cerevisiae	Yeasts	SS1		
4453	4743	Saccharomyces	cerevisiae	Yeasts	SS2		
4454	4744	Saccharomyces	cerevisiae	Yeasts	BS1		
4455	4745	Hanseniaspora	uvarum	Yeasts	IBT90		
4456	4746	Cryptococcus	albidus var.albidus	Yeasts	SPG170		
4457	4747	Saccharomyopsis	fibuligera	Yeasts	SPG193		
4458	4748	Candida	albicans	Yeasts	SPG198		
4459	4749	Kluyveromyces	marixianus var. marixianus	Yeasts	SPG199		
4460	4750	Kodamaea	ohmeri	Yeasts	SPG2003		
4461	4751	Debaryomyces	hansenii var. hansenii	Yeasts	SPG204		
4462	4752	Candida	sp.	Yeasts	SPG224		
4463	4753	Candida	sake	Yeasts	SPG746		
4464	4754	Candida	catenulata	Yeasts	SPG748		
4465	4755	Issatchenkia	hanoiensis	Yeasts	HB1.3.13		CBS9198, ,
4466	4756	Issatchenkia	hanoiensis	Yeasts	TH 1.2.61		CBS9200, ,
4467	4757	Issatchenkia	hanoiensis	Yeasts	TH 1.2.47		CBS9199, ,
4468	4758	Pseudomonas	sp.	Bacteria	BP8		
4469	4759	Pseudomonas	sp.	Bacteria	BP8		
4470	4760	Pseudomonas	sp.	Bacteria	LP18		
4471	4761	Pseudomonas	sp.	Bacteria	BP3		
4472	4762	Pseudomonas	sp.	Bacteria	LP16		
4473	4763	Pseudomonas	sp.	Bacteria	LP5		
4474	4764	Pseudomonas	sp.	Bacteria	LP14		
4475	4765	Pseudomonas	sp.	Bacteria	LP17		
4476	4766	Pseudomonas	sp.	Bacteria	LP10		

4477	4767	Pseudomonas	sp.	Bacteria	LP11		
4478	4768	Pseudomonas	sp.	Bacteria	LP8		
4479	4769	Pseudomonas	sp.	Bacteria	LP13		
4480	4770	Pseudomonas	sp.	Bacteria	LP7		
4481	4771	Pseudomonas	sp.	Bacteria	LP3		
4482	4772	Pseudonocardia	alni	Actinomycetes	DSM44104		DSM44104,IFO14991,VKMAC901, ,
4483	4773	Pseudomonas	sp.	Bacteria	LP4		
4484	4774	Psychrobacter	sp.	Bacteria	DD43		
4485	4775	Stenotrophomonas	maltophilia	Bacteria	1F		
4486	4776	Sporosarcina	globispora	Bacteria	2C		
4487	4777	Bacillus	sp.	Bacteria	2C		
4488	4778	Bacillus	sp.	Bacteria	C-A		
4489	4779	Saccharomyces	cerevisiae	Yeasts	MGBY2		
4490	4780	Saccharomyces	cervisiae	Yeasts	MGBY3		
4491	4781	Saccharomyces	cerevisiae	Yeasts	MGBY4		
4492	4782	Saccharomyces	cerevisiae	Yeasts	MGBY5		
4493	4783	Saccharomyces	cerevisiae	Yeasts	MGBY6		
4494	4784	Saccharomyces	cerevisiae	Yeasts	MGBY7		
4495	4785	Saccharomyces	cerevisiae	Yeasts	MGBY8		
4496	4786	Saccharomyces	cerevisiae	Yeasts	MGBY9		
4497	4787	Saccharomyces	cerevisiae	Yeasts	MGBY10		
4498	4788	Saccharomyces	cerevisiae	Yeasts	MGBY13		
4499	4789	Wickerhamomyces	anomalus	Yeasts	MGBY14		
4500	4790	Saccharomyces	cerevisiae	Yeasts	MGBY15		
4501	4791	Saccharomyces	cerevisiae	Yeasts	MGBY16		
4502	4792	Saccharomyces	cerevisiae	Yeasts	MGBY17		
4503	4793	Saccharomyces	cerevisiae	Yeasts	MGBY18		
4504	4794	Saccharomyces	cerevisiae	Yeasts	MGBY19		
4505	4795	Saccharomyces	cerevisiae	Yeasts	MGBY20		
4506	4796	Saccharomyces	cerevisiae	Yeasts	MGBY21		
4507	4797	Saccharomyces	cerevisiae	Yeasts	MGBY22		
4508	4798	Wickerhamomyces	anomalus	Yeasts	MGBY23		
4509	4799	Pichia	manshurica Saito	Yeasts	MGBY24		
4510	4800	Torulasporea	delbrueckii	Yeasts	MGBY25		

4511	4801	Pichia	fermentans	Yeasts	MGBY26		
4512	4802	Saccharomyces	cerevisiae	Yeasts	MGBY27		
4513	4803	Pichia	manshurica Saito	Yeasts	MGBY30		
4514	4804	Saccharomyces	cerevisiae	Yeasts	MGBY31		
4515	4805	Saccharomyces	cerevisiae	Yeasts	MGBY32		
4516	4806	Issatchenkia	orientalis	Yeasts	MGBY33		
4517	4807	Issatchenkia	orientalis	Yeasts	MGBY34		
4518	4808	Saccharomyces	cerevisiae	Yeasts	MGBY35		
4519	4809	Saccharomyces	cerevisiae	Yeasts	MGBY36		
4520	4810	Torulaspora	delbrueckii	Yeasts			
4521	4811	Saccharomyces	cerevisiae	Yeasts	MGBY38		
4522	4812	Saccharomyces	cerevisiae	Yeasts	MGBY38		
4523	4813	Saccharomyces	cerevisiae	Yeasts	MGBY40		
4524	4814	Exiguobacterium	undae	Bacteria	DSM14481		DSM14481, ,
4525	4815	Exiguobacterium	antarcticum	Bacteria	DSM14480		DSM14480, ,
4526	4816	Exiguobacterium	soli	Bacteria	DVS3y		
4527	4817	Exiguobacterium	acetylicum	Bacteria	DSM20416		
4528	4818	Gordonia	amarae	Actinomycetes	BI421-H		
4529	4819	Rhodococcus	rhodochrous	Actinomycetes	PBR311		
4530	4820	Kocuria	varians	Actinomycetes	ISO2		
4531	4821	Micrococcus	luteus	Actinomycetes	ISO3		
4532	4822	Serratia	marcescens	Bacteria	PT1		
4533	4823	Bacillus	coagulans	Bacteria	KJM		
4534	4824	Psychrobacter	sp.	Bacteria	DD2		
4535	4825	Psychrobacter adeliensis	adeliensis	Bacteria	SJ14		DSM 15333, ,
4536	4826	Psychrobacter	salsus	Bacteria	DD48		DSM 15338, ,
4537	4827	Planococcus	maitriensis	Bacteria	S1		
4538	4828	Pseudomonas	fluorescens	Bacteria	IFR-5		
4539	4829	Bacillus	sp.	Bacteria	B		
4540	4830	Alcaligenes	faecalis	Bacteria	BCSD001		
4541	4831	Pseudomonas	stutzeri	Bacteria	PMS2		
4542	4832	Brevibacillus	brevis	Bacteria	N2		
4543	4833	Bacillus	licheniformis	Bacteria	RK		
4544	4834	Bacillus	sp.	Bacteria	309		
4545	4835	Brevibacillus	agri	Bacteria	25H		
4546	4836	Bacillus	firmus	Bacteria			
4547	4837	Saccharomyces	cerevisiae	Yeasts	SL3		
4548	4838	Saccharomyces	cerevisiae	Yeasts	KF1		
4549	4839	Saccharomyces	cerevisiae	Yeasts	RF1		

4550	4840	Saccharomyces	cerevisiae	Yeasts	IB2		
4551	4841	Kluyveromyces	marixianus var. marixianus	Yeasts	YBS		
4552	4842	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C-777		
4553	4843	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C879		
4554	4844	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C770		
4555	4845	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C772		
4556	4846	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C782		
4557	4847	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C791		
4558	4848	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C792		
4559	4849	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C801		
4560	4850	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C842		
4561	4851	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C845		
4562	4852	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C855		
4563	4853	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C871		
4564	4854	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C927		
4565	4855	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C931		
4566	4856	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C945		
4567	4857	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C963		
4568	4858	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C975		
4569	4859	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C998		
4570	4860	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C1021		
4571	4861	Yersinia	enterocolitica subsp.	Bacteria	C16		

			enterocolitica				
4572	4862	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C64		
4573	4863	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C94		
4574	4864	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C161		
4575	4865	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C760		
4576	4866	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C594		
4577	4867	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C17		
4578	4868	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C20		
4579	4869	Yersinia	enterocolitica subsp. enterocolitica	Bacteria	C27		
4580	4870	Phyllosticta	capitalensis	Fungi	TSS10		
4581	4871	Phyllosticta	capitalensis	Fungi	TSS8		
4582	4872	Aspergillus	carbonarius	Fungi	AU15		
4583	4873	Aspergillus	foetidus	Fungi	MPL		
4584	4874	Trichoderma	harzianum	Fungi	SLP		
4585	4875	Alternaria	citri	Fungi	LL		
4586	4876	Trichoderma	reesei	Fungi	SAF3		
4587	4877	Penicillium	miczynskii	Fungi	GPCK1505		
4588	4878	Trichophyton	ajelloi	Fungi	GPCK1509		
4589	4879	Microsporum	gypseum	Fungi	GPCK1510		
4590	4880	Chrysosporium	sp.	Fungi	GPCK1501		
4591	4881	Drechslera	australiensis	Fungi	SJ17		
4592	4882	Alternaria	sp.	Fungi	SJ1		
4593	4883	Aspergillus	fischeri	Fungi	GPCK1506		
4594	4884	Byssochlamys	nivea	Fungi	GPCK1511		
4595	4885	Rhizomucor	pusillus	Fungi	BS203		
4596	4886	Rhizopus	stolonifer var.stolonifer	Fungi	H136		
4597	4887	Pestalotiopsis	sp.	Fungi	H107		
4598	4888	Penicillium	funiculosum	Fungi	H117		
4599	4889	Malbranchea	flava	Fungi	BS202		
4600	4890	Thermoascus	aurantiacus	Fungi	BS204		
4601	4891	Chaetomium	thermophilum	Fungi	BS201		
4602	4892	Penicillium	janthinellum	Fungi	SJ16		
4603	4893	Aspergillus	ochraceus	Fungi	H105		
4604	4894	Fusarium	oxysporum	Fungi	T02		
4605	4895	Rhizomucor	pusillus	Fungi	L7503		
4606	4896	Humicola	insolens	Fungi	J7503		
4607	4897	Aspergillus	fumigatus	Fungi	V50		
4608	4898	Aspergillus	foetidus	Fungi	CAS197		
4609	4899	Penicillium	funiculosum	Fungi	CBS272.86		CBS272.86,IMI

						193019, ,
4610	4900	Penicillium	expansum	Fungi	CBS325.48	CBS325.86,ATCC7861,ATHUM2891,FRR976,MUCL, VKMF275,
4611	4901	Kocuria	varians	Actinomycetes	RP	
4612	4902	Streptomyces	psammoticus	Actinomycetes	BT408	
4613	4903	Streptomyces	caeruleus	Actinomycetes	BT201	
4614	4904	Streptomyces	somaliensis	Actinomycetes	STP2	
4615	4905	Bacillus	subtilis	Bacteria	AH-1	
4616	4906	Bacillus	macquariensis	Bacteria	AH-2	
4617	4907	Staphylococcus	sp.	Bacteria	AH-3	
4618	4909	Geobacillus	stearothermophilus	Bacteria	RZA	
4619	4910	Pseudomonas	putida	Bacteria	STM905	
4620	4911	Bacillus	megaterium	Bacteria	WHB4	
4621	4912	Yersinia	sp.	Bacteria	WGB-2	
4622	4913	Deinococcus	indicus	Bacteria	WT/19	
4623	4914	Clavispora	lusitaniae	Yeasts	Y534	
4624	4915	Clavispora	lusitaniae	Yeasts	Y6103	
4625	4916	Clavispora	lusitaniae	Yeasts	Y787	
4626	4917	Clavispora	lusitaniae	Yeasts	Y-2887	
4627	4918	Kazachstania	naganishi	Yeasts	IFO10181	CBS8797,IFO10181, ,
4628	4919	Kazachstania	humatica	Yeasts	IFO10673	CBS8893,IFO10673, ,
4629	4920	Kazachstania	yakushimaensis	Yeasts	IFO1889	CBS8894,IFO1889, ,
4630	4921	Penicillium	corylophilum	Fungi	CBS330.79	CBS330.79,IJFM5147, ,
4631	4922	Penicillium	aurantiogriseum	Fungi	CBS324.89	CBS324.89,ATCC48920,FRR971,IMI195050,MUC, ,
4632	4923	Eupenicillium	abidjanum	Fungi	CBS246.67	CBS246.67,ATCC18385,IMI136244, ,
4633	4924	Pectinotrichum	llanense	Fungi	882.71	CBS882.71,ATCC18921,IHEM4440,IMI155643,L, ,
4634	4925	Penicillium	griseofulvum	Fungi	CBS185.27	CBS185.27,ATCC11885,ATHUM2893,CECT2605,D, IFO7641,IMI075832,IMI075832ii,LCP19.3245,
4635	4926	Penicillium	islandicum	Fungi	CBS338.48	CBS338.48,ATCC10127,CECT2762,IFO6963,IHE, 31324,NI6295,NRRL1036, QM7571,
4636	4927	Penicillium	janczewskii	Fungi	CBS221.28	CBS221.28, ,
4637	4928	Penicillium	simplicissimum	Fungi	CBS275.83	CBS275.83,CECT2747, ,
4638	4929	Penicillium	madriti	Fungi	CBS347.61	CBS347.61,ATCC18233,CCRC31672,FRR3452,IF, BB389,MUCL2456,MUCL31193,NRRL3452, QM7959,
4639	4930	Penicillium	ochrochloron	Fungi	CBS357.48	CBS357.48,ATCC1

							0540,IMI039806,NR RL926,QM, ,
4640	4931	Penicillium	oxalicum	Fungi	CBS219.30		CBS219.30,ATCC1 126,FRR787,IMI19 2332,MUCL, ,
4641	4932	Penicillium	pinophilum	Fungi	CBS631.66		CBS631.66,ATCC3 6839,CEB3296,.31, CECT2809, M7013,IMI114933,
4642	4933	Penicillium	restrictum	Fungi	CBS367.48		CBS367.48,ATCC1 1257,FRR1748,IMI 040228,NR, ,
4643	4934	Penicillium	thomii	Fungi	CBS225.81		CBS225.81,IMI189 694,NRRL2077, ,
4644	4935	Penicillium	verrucosum var.verrucosum	Fungi	CBS603.74		CBS603.74,ATCC4 8957,ATHUM2897, CECT2906,F, 0031 0,MUCL29089,MU CL29186,MUCL286 74,NRRL,
4645	4936	Lecytophora	hoffmannii	Fungi	CBS245.38		CBS245.38, ,
4646	4937	Phoma	fimeti	Fungi	CBS170.70		CBS170.70,ATCC2 2707,CECT20011,I MI163514,, ,
4647	4938	Preussia	isomera	Fungi	CBS318.65		CBS318.65, ,
4648	4939	Graphium	putredinis	Fungi	H99		
4649	4940	Gliocladium	roseum	Fungi	H76		
4650	4941	Penicillium	citrinum	Fungi	H100		
4651	4942	Trichoderma	harzianum	Fungi	2		
4652	4943	Trichoderma	atroviride	Fungi	H40		
4653	4944	Penicillium	pinophilum	Fungi	H25		
4654	4945	Aspergillus	candidus	Fungi	1		
4655	4946	Gliocladium	catenulatum	Fungi	H164		
4656	4947	Fusarium	solani	Fungi	H28		
4657	4948	Penicillium	citrinum	Fungi	139.45		CBS139.45,ATCC1 109,ATCC36382,C ECT2269,FR, IHIO 91961,LSHBP6,LS BP25,LSHBA95,M UCL297,
4658	4949	Penicillium	decumbens	Fungi	CBS230.81		CBS230.81.FRR74 1,MUCL29107,NRR L741, ,
4659	4950	Penicillium	corylophilum	Fungi	CBS312.48		CBS312.48,ATCC9 784,ATHUM2890,C ECT2270,FR, 2907 3,MUCL29131,MU CL28671,NRRL802 ,QM7510,
4660	4951	Penicillium	glabrum	Fungi	CBS105.11		CBS105.11, ,
4661	4952	Penicillium	sp.	Fungi	CBS374.48		CBS374.48,ATCC1 0498,FRR1750,IMI 024316,LS, MUCL1 3911,NCTC591,NR RL1750,QM7654,
4662	4953	Penicillium	viridicatum	Fungi	CBS390.48		CBS390.48,ATCC1 0515,IFO7736,IMI0 39758,NR, ,
4663	4954	Pleurotus	ostreatus	Fungi	CBS102510		CBS102510, ,
4664	4955	Phanerochaete	chrysosporium	Fungi	CBS129.27		CBS129.27,ATCC1 727,IFO7586,IMI07 4692,MUC, ,

4665	4957	Phoma	foveata	Fungi	CBS200.37		CBS200.37, ,
4666	4958	Epicoccum	nigrum	Fungi	H170		
4667	4959	Acremonium	sp.	Fungi	H145		
4668	4960	Penicillium	janthinellum	Fungi	26		
4669	4961	Phoma	tropica	Fungi			
4670	4962	Fusarium	oxysporum	Fungi	H141		
4671	4963	Penicillium	citrinum	Fungi	67		
4672	4964	Aspergillus	fumigatus	Fungi	29		
4673	4965	Chrysosporium	indicum	Fungi	CH3		
4674	4966	Fusarium	oxysporum	Fungi	F7		
4675	4967	Acremonium	sp.	Fungi	H137		
4676	4968	Aspergillus	awamori	Fungi	H94		
4677	4969	Curvularia	tuberculata	Fungi	H74		
4678	4970	Auxarthron	conjugatum	Fungi	MA1		
4679	4971	Rhizobium	sp.	Bacteria	PKR		
4680	4972	Pseudomonas	sp.	Bacteria	LP12		
4681	4974	Pseudomonas	sp.	Bacteria	BP1		
4682	4975	Pseudomonas	sp.	Bacteria	BP4		
4683	4977	Rhizobium	sp.	Bacteria	PCR		
4684	4978	Rhizobium	sp.	Bacteria	WCUR		
4685	4979	Lactobacillus	sp.	Bacteria	LS2		
4686	4980	Lactobacillus	sp.	Bacteria	LS1		
4687	4981	Pseudomonas	sp.	Bacteria	PP3		
4688	4982	Pseudomonas	sp.	Bacteria	LP9		
4689	4983	Pseudomonas	sp.	Bacteria	BP6		
4690	4984	Pseudomonas	sp.	Bacteria	BP5		
4691	4985	Pseudomonas	sp.	Bacteria	BP2		
4692	4986	Pseudomonas	sp.	Bacteria	LP19		
4693	4987	Pseudomonas	sp.	Bacteria	PP1		
4694	4988	Pseudomonas	sp.	Bacteria	PP2		
4695	4989	Bacillus	licheniformis	Bacteria	AS4		
4696	4990	Ochrobactrum	sp.	Bacteria	229		
4697	4991	Ochrobactrum	sp.	Bacteria	229-C		
4698	4992	Pseudomonas	antarctica	Bacteria	CMS35		
4699	4993	Pseudomonas	meridiana	Bacteria	CMS38		DSM 15319, ,
4700	4994	Pseudomonas	proteolytica	Bacteria	CMS64		DSM 15321, CCUG 51515, ,
4701	4995	Streptomyces	caeruleus	Actinomycetes	JCM4014		Same as MTCC No. 3276, ,
4702	4996	Pseudomonas	aeruginosa	Bacteria	C3		
4703	4997	Pseudomonas	aeruginosa	Bacteria	C4		
4704	4998	Bacillus	subtilis subsp inaquosorum	Bacteria	Pb7		
4705	4999	Pseudomonas	aeruginosa	Bacteria	Pb13		
4706	5000	Bacillus	circulans	Bacteria	IB		
4707	6001	Debaryomyces	hansenii var. hansenii	Yeasts	Streptomyces-1		
4708	6002	Clavispora	lusitaniae	Yeasts	CL24		
4709	6003	Clavispora	lusitaniae	Yeasts	CL33		
4710	6004	Clavispora	lusitaniae	Yeasts	CL48		
4711	6005	Clavispora	lusitaniae	Yeasts	CL16		

4712	6006	Clavispora	lusitaniae	Yeasts	CL26		
4713	6007	Clavispora	lusitaniae	Yeasts	CL80		
4714	6008	Saccharomyces	cerevisiae	Yeasts	366		
4715	6009	Candida	sake	Yeasts	RCF PBI		
4716	6010	Rhodotorula	sp.	Yeasts	DVS7C		
4717	6035	Pseudomonas	fluorescens	Bacteria	PfR-1		
4718	6036	Emericella	nidulans	Fungi	H102		
4719	6037	Aspergillus	ochraceus	Fungi	H185		
4720	6038	Penicillium	janthinellum	Fungi	H101		
4721	6039	Paecilomyces	fumasoroseus	Fungi	SCI-2a		
4722	6040	Trichoderma	atroviride	Fungi	SCI-1		
4723	6041	Microsporum	gypseum	Fungi	M13		
4724	6042	Aureobasidium	pullulans var. melanigenum	Fungi	H65		
4725	6043	Tolypocladium	cylindrosporium	Fungi	H1		
4726	6044	Stachybotrys	bisbyi	Fungi	H11		
4727	6045	Fusarium	oxysporum	Fungi	H3		
4728	6046	Trichoderma	harzianum	Fungi	H14		
4729	6047	Aspergillus	terreus	Fungi	P		
4730	6048	Eutypella	sp.	Fungi	121		
4731	6049	Aspergillus	tubingensis	Fungi	119C		
4732	6050	Nectria	sp.	Fungi	100		
4733	6051	Aspergillus	awamori	Fungi	VA 13 NR4		
4734	6052	Athelia	rolfsii	Fungi			
4735	6053	Helicosporium	griseum	Fungi	224		
4736	6054	Cytospora	sp.	Fungi	206		
4737	6055	Valsa	sp.	Fungi	178		
4738	6056	Cytospora	sp.	Fungi	179		
4739	6057	Leptosphaeria	sp.	Fungi			
4740	6058	Chrysosporium	vallenarense	Fungi			
4741	6059	Microsporum	boullardii	Fungi			
4742	6060	Metarhizium	anisopliae	Fungi	K01		
4743	6061	Cunninghamella	echinulata	Fungi	KA5		
4744	6062	Fusarium	oxysporum	Fungi	S4		
4745	6063	Diatrypella	sp.	Fungi	182		
4746	6064	Diatrypella	sp.	Fungi	183		
4747	6065	Diatrypella	sp.	Fungi	181		
4748	6066	Pochonia	sp.	Fungi	SCI-2b		
4749	6067	Metarhizium	anisopliae	Fungi	N3		
4750	6068	Valsa	sp.	Fungi	193		
4751	6069	Valsa	sp.	Fungi	165a		
4752	6070	Cytospora	sp.	Fungi	165b		
4753	6071	Diatrype	sp.	Fungi	282		
4754	6072	Diatrype	sp.	Fungi	279		
4755	6073	Diatrype	sp.	Fungi	277		
4756	6074	Gonytrichum	macrocladum	Fungi	286		
4757	6075	Gonytrichum	macrocladum	Fungi	288		
4758	6076	Aspergillus	terricola var. americanus	Fungi	F.01.10.27		

4759	6077	Fusarium	sp.	Fungi	F.01.08.21		
4760	6078	Fusarium	sp.	Fungi	F.01.04.05		
4761	6079	Fusarium	sp.	Fungi	F.01.04.02		
4762	6080	Fusarium	sp.	Fungi	F.02.02.42		
4763	6081	Acremonium	sp.	Fungi	F.01.06.12		
4764	6082	Acremonium	sp.	Fungi	F.01.10.25		
4765	6083	Fusarium	sp.	Fungi	F.01.05.08		
4766	6084	Fusarium	sp.	Fungi	F.01.05.09		
4767	6086	Fusarium	sp.	Fungi			
4768	6087	Volutella	sp.	Fungi	F.01.09.23		
4769	6088	Nectria	sp.	Fungi	293		
4770	6089	Tubercularia	sp.	Fungi	294		
4771	6090	Peroneutypa	sp.	Fungi	215		
4772	6091	Diatrype	sp.	Fungi	300		
4773	6092	Memnoniella	levispora	Fungi	261		
4774	6093	Cylindrocarpon	sp.	Fungi	261a		
4775	6094	Phoma	sp.	Fungi	180		
4776	6095	Beauveria	bassiana	Fungi	EH-001		
4777	6096	Beauveria	bassiana	Fungi	EH-002		
4778	6097	Beauveria	bassiana	Fungi	EH-006		
4779	6098	Beauveria	bassiana	Fungi	EH-007		
4780	6099	Beauveria	bassiana	Fungi	EH-008		
4781	6100	Beauveria	bassiana	Fungi	EH-009		
4782	6129	Bacillus	megaterium	Bacteria	M1		
4783	6130	Bacillus	megaterium	Bacteria	M2		
4784	6131	Bacillus	megaterium	Bacteria	GP		
4785	6132	Nesterenkonia	halobia	Actinomycetes	BLP-1		
4786	6133	Bacillus	subtilis	Bacteria	BLP-3		
4787	6134	Dermacoccus	nishinomiyaensis	Actinomycetes	BLK-Y		
4788	6135	Brevibacterium	antarcticum	Actinomycetes	KGN 15		
4789	6149	Staphylococcus	xylosus	Bacteria	JCM 2418		JCM 2418,ATCC 29971,CCM 2738,DSM 20266,N ,
4790	6150	Staphylococcus	hominis sussp.hominis	Bacteria	JCM 2419		JCM 2419,ATCC 27844,CCRC 12156,DSM 20328,
4791	6151	Staphylococcus	capitis subsp.capitis	Bacteria	JCM 2420		JCM 2420,DSM 20326,ATCC 27840,NCTC 11045, ,
4792	6152	Staphylococcus	intermedius	Bacteria	JCM 2422		JCM 2422,ATCC 29663,DSM 20373,NCTC 11048, ,
4793	6153	Staphylococcus	chromogenes	Bacteria	JCM 2423		JCM 2423,DSM 20459,ATCC 11249,NCTC 10350, ,
4794	6154	Staphylococcus	sciuri	Bacteria	JCM 2425		JCM 2425,DSM 20345,ATCC 29062,NCTC 12103, ,
4795	6155	Staphylococcus	saprophyticus s	Bacteria	JCM 2427		JCM 2427,DSM

			ubsp.saprophyticus				20229,ATCC 15305,NCIMB 8711, ,
4796	6156	Staphylococcus	piscifermentans	Bacteria	JCM 6056		JCM 6056,NRIC 1816,TISTR 916, ,
4797	6157	Staphylococcus	carneus subsp.carneus	Bacteria	JCM 6069		JCM 6069, ,
4798	6158	Staphylococcus	warneri	Bacteria	JCM 11004		JCM 11004, ,
4799	6159	Brevibacterium	antarcticum	Actinomycetes	DVS 5A2		
4800	6161	Lactobacillus	plantarum	Bacteria	LABP		
4801	6162	Bacillus	sp.	Bacteria	SN.2		
4802	6164	Micrococcus	luteus	Actinomycetes	TT		
4803	6165	Arthrobacter	uratoxydans	Actinomycetes	AN-45		
4804	6176	Nocardia	asteroides	Actinomycetes	Iso-1		
4805	6177	Nocardia	asteroides	Actinomycetes	Iso-1		
4806	6178	Nocardia	nova	Actinomycetes	D		
4807	6179	Trichosporon	asahii	Yeasts	SCI-IV		
4808	6180	Trichosporon	asahii	Yeasts	Type-c		
4809	6181	Zygoascus	hellenicus	Yeasts	RD-1		
4810	6182	Bacillus	licheniformis	Bacteria	Genei-7		
4811	6183	Bacillus	sp.	Bacteria	Genei-8		
4812	6184	Streptomyces	erumpens	Actinomycetes	GS 1067		
4813	6185	Streptomyces	capillspiralis	Actinomycetes	CFS 1070		
4814	6186	Streptomyces	purpeofuscus	Actinomycetes	DOM 1177		
4815	6187	Escherichia	coli	Bacteria	Prut-201		
4816	6188	Caseobacter	sp.	Bacteria	D1/SW/BB106		
4817	6189	Ochrobactrum	sp.	Bacteria	M86A		
4818	6190	Ochrobactrum	sp.	Bacteria	M86B		
4819	6191	Issatchenkia	orientalis	Yeasts			
4820	6192	Candida	tropicalis	Yeasts	TERI-110		
4821	6193	Streptomyces	sp.	Bacteria	RMV-16		
4822	6194	Actinoalloteichus	sp.	Actinomycetes	RMV 1378		DSM44848, JCM12472, ,
4823	6195	Actinoalloteichus	cyanogrisens	Actinomycetes	DSM 43889		DSM 43889,IFO 14455,NBRC 14455,IMET 4386, NRRL B-16252,
4824	6196	Pseudomonas	sp.	Bacteria	PB		
4825	6197	Pseudomonas	sp.	Bacteria	MP-5		
4826	6198	Alcaligenes	faecalis	Bacteria	SMBT 3		
4827	6199	Pseudomonas	sp.	Bacteria	C-2		
4828	6200	Bacillus	circulans	Bacteria	C-6		
4829	6201	Bacillus	coagulans	Bacteria	C-6		
4830	6202	Pseudomonas	sp.	Bacteria	TR-1		
4831	6203	Pseudomonas	sp.	Bacteria	TR-2		
4832	6204	Pseudomonas	aeruginosa	Bacteria	PB-10		
4833	6205	Aeromonas	sp.	Bacteria	PB-11		
4834	6206	Rhodotorula	calyptogenae	Yeasts	SY-86		JCM10899,CBS9125, ,
4835	6207	Rhodotorula	benthica	Yeasts	SY-91		JCM10901,CBS9124, ,
4836	6208	Cryptococcus	surugaensis	Yeasts	SY 260		JCM 11903,CBS9426, ,
4837	6209	Streptomyces	enissocaesilis	Actinomycetes	GC-24		

4838	6210	Streptomyces	noursei	Actinomycetes	KC-46		
4839	6211	Clavispora	lusitaniae	Yeasts	V1		YEM4245, ,
4840	6212	Clavispora	lusitaniae	Yeasts	1		YEM2647, ,
4841	6213	Clavispora	lusitaniae	Yeasts	L1		YEM2588, ,
4842	6214	Clavispora	lusitaniae	Yeasts	B1		YEM4241, ,
4843	6215	Clavispora	lusitaniae	Yeasts	B2		YEM4242, ,
4844	6216	Debaryomyces	hansenii var. hansenii	Yeasts	SA-3		
4845	6217	Debaryomyces	hansenii var. hansenii	Yeasts	SA-4		
4846	6218	Dekkera	bruxellensis	Yeasts	SA-6		
4847	6219	Torulaspota	delbrueckii	Yeasts	150		
4848	6220	Pichia	burtonii	Yeasts	852		
4849	6221	Pichia	sp.	Yeasts	SPVP		
4850	6222	Candida	tropicalis	Yeasts	SVt		
4851	6223	Candida	sp.	Yeasts	SVp		
4852	6224	Geotrichum	silvicola	Yeasts	RR-2		
4853	6225	Candida	pseudointermedia	Yeasts	BGY		
4854	6226	Planomicrobium	stackebrandtii	Bacteria	K22-03		
4855	6228	Leifsonia	aquatica	Actinomycetes	AB		
4856	6229	Streptomyces	sp.	Actinomycetes	GS 1242		
4857	6230	Streptomyces	purpeofuscus	Actinomycetes	CM 1261		
4858	6231	Streptomyces	sp.	Actinomycetes	GS 1322		
4859	6232	Kocuria	varians	Actinomycetes	FB		
4860	6233	Jeotgalibacillus	marinus	Bacteria	1		
4861	6234	Bacillus	sp.	Bacteria	PP-9-		
4862	6239	Ochrobactrum	sp.	Bacteria	3B		
4863	6240	Ochrobactrum	sp.	Bacteria	229B		
4864	6241	Microbacterium	paraoxydans	Actinomycetes	TERI-11006		
4865	6242	Bacillus	sp.	Bacteria	Strain-43		
4866	6243	Bacillus	sp.	Bacteria	RSM-1		
4867	6244	Bacillus	circulans	Bacteria	NG-1		
4868	6245	Bacillus	circulans	Bacteria	PSD-11		
4869	6246	Bacillus	circulans	Bacteria	PSD-13		
4870	6247	Alcaligenes	sp.	Bacteria	ND		
4871	6248	Staphylococcus	sp.	Bacteria	RD		
4872	6249	Staphylococcus	sp.	Bacteria	A		
4873	6250	Brevibacillus	parabrevis	Bacteria	B		
4874	6251	Geobacillus	stearothermophilus	Bacteria	E		
4875	6252	Kurthia	sp.	Bacteria	IARI/B3		
4876	6253	Pantoea	agglomerans	Bacteria	PD		
4877	6254	Pseudomonas	aeruginosa	Bacteria	Latha		
4878	6276	Nocardiosis	sp.	Actinomycetes	SHRI/SA AA27		
4879	6277	Streptomyces	tanashiensis	Actinomycetes	N1		
4880	6278	Nocardia	globularia	Actinomycetes	NHB2		
4881	6279	Microbacterium	liquefaciens	Actinomycetes	4-SB		
4882	6280	Ralstonia	pickettii	Bacteria	KPS-201		
4883	6281	Exiguobacterium	acetylicum	Bacteria	W-S		

4884	6282	Streptomyces	sp.	Actinomycetes	CDM-4		
4885	6283	Microbacterium	arborescens	Actinomycetes	RA30B		
4886	6285	Streptomyces	sannanensis	Actinomycetes	APJ-IICT-091		
4887	6286	Beauveria	bassiana	Fungi	EH-010		
4888	6287	Beauveria	bassiana	Fungi	EH-011		
4889	6288	Beauveria	bassiana	Fungi	EH-012		
4890	6289	Beauveria	bassiana	Fungi	EH-004		
4891	6290	Paecilomyces	farinosus	Fungi	E177		
4892	6291	Beauveria	bassiana	Fungi	E174		
4893	6292	Paecilomyces	fumatoroseus	Fungi	E165		
4894	6293	Beauveria	bassiana	Fungi	E175		
4895	6294	Beauveria	felina	Fungi	E229		
4896	6295	Aspergillus	versicolor	Fungi	Svc		
4897	6296	Beauveria	bassiana	Fungi	E171		
4898	6297	Beauveria	bassiana	Fungi	E-173		
4899	6298	Beauveria	bassiana	Fungi	E230		
4900	6299	Fusarium	merismoides var.merismoide s	Fungi	101064		CBS101064, ,
4901	6300	Fusarium	decemcellulare	Fungi	712.97		CBS712.97, ,
4902	6301	Mortierella	hyalina	Fungi	100563		CBS100563, NRRL6427, NRRLA-17771, ,
4903	6302	Mortierella	gamsii	Fungi	552.73		CBS552.73, ,
4904	6303	Mortierella	ramanniana var.ramanniana	Fungi	366.95		CBS366.95, ,
4905	6304	Mortierella	vinacea	Fungi	913.85		CBS913.85, ,
4906	6305	Umbelopsis	nana	Fungi	669.83		CBS669.83, ,
4907	6306	Umbelopsis	isabellina	Fungi	109075		CBS109075, ,
4908	6307	Lecanicillium	aphanocladii	Fungi	797.84		CBS797.84, ,
4909	6308	Microdochium	nivale var. majus	Fungi	105.9		CBS105.90, NRRL13934, ,
4910	6309	Monocillium	indicum	Fungi	313.74		CBS313.74, ,
4911	6310	Chaetomium	sp.	Fungi	F.02.05.51		
4912	6311	Plectosphaerella	cucumerina	Fungi	101607		CBS101607,ATCC9 6328, ,
4913	6312	Pleurotus	cystidiosus	Fungi			
4914	6313	Lentinula	edodes	Fungi			
4915	6314	Scopulariopsis	brevicaulis	Fungi	F.01.04.01		
4916	6315	Pleurotus	floridanus	Fungi			
4917	6316	Pleurotus	floridanus	Fungi			
4918	6317	Acremonium	murorum var. murorum	Fungi	148.81		CBS148.81, ,
4919	6318	Acremonium	luzulae	Fungi	277.80A		CBS277.80A, ,
4920	6319	Acremonium	berkeleyanum	Fungi	448.96		CBS448.96, ,
4921	6320	Mortierella	polycephala	Fungi	372.72		CBS372.72, ,
4922	6321	Trichoderma	virens	Fungi	CF 1A9		
4923	6322	Aspergillus	foetidus	Fungi			
4924	6323	Aspergillus	flavus	Fungi	F2		
4925	6324	Aspergillus	terreus	Fungi	F7		
4926	6325	Engyodontium	album	Fungi			
4927	6326	Aspergillus	caespitosus	Fungi	K		
4928	6327	Emericella	nidulans var.	Fungi	I		

			lata				
4929	6328	Penicillium	lagena	Fungi	P		
4930	6329	Humicola	fuscoatra	Fungi	J		
4931	6330	Rhizomucor	pusillus	Fungi	GPCK1514		
4932	6331	Chrysosporium	queenslandicum	Fungi	GPCK1512		
4933	6332	Rhizomucor	pusillus	Fungi			
4934	6333	Mucor	indicus	Fungi	5		
4935	6334	Aspergillus	flavus	Fungi	4CHP		
4936	6335	Aspergillus	terreus	Fungi	N		
4937	6336	Chrysosporium	pannicola	Fungi	GPCK1513		
4938	6337	Aspergillus	flavipes	Fungi	GPCK1515		
4939	6338	Fusarium	oxysporum	Fungi	GPCK1516		
4940	6339	Emericella	nidulans var. nidulans	Fungi	F		
4941	6340	Scytalidium	thermophilum	Fungi	2CHP		
4942	6341	Beauveria	bassiana	Fungi	EH-003		
4943	6342	Chaetomium	sp.	Fungi			
4944	6343	Fusarium	solani	Fungi			
4945	6344	Mortierella	alpina	Fungi	920.85		CBS920.85, ,
4946	6345	Mortierella	verticillata	Fungi	375.95		CBS375.95, ,
4947	6346	Paecilomyces	fumosoroseus	Fungi			
4948	6347	Trichoderma	harzianum	Fungi			
4949	6348	Trichoderma	koningii	Fungi			
4950	6349	Fusarium	proliferatum	Fungi			
4951	6350	Chaetomium	thermophilum	Fungi	1CHP		
4952	6352	Candida	pseudointermedia	Yeasts	SCY		
4953	6353	Filobasidiella	neoformans var. neoformans	Yeasts	N1		
4954	6354	Filobasidiella	neoformans var. neoformans	Yeasts	N2		
4955	6355	Filobasidiella	neoformans var. neoformans	Yeasts	N3		
4956	6356	Filobasidiella	neoformans var. neoformans	Yeasts	N4		
4957	6357	Filobasidiella	neoformans var. neoformans	Yeasts	N5		
4958	6358	Filobasidiella	neoformans var. neoformans	Yeasts	N6		
4959	6359	Filobasidiella	neoformans var. neoformans	Yeasts	N7		
4960	6360	Filobasidiella	neoformans var. bacillispora	Yeasts	N8		
4961	6362	Sphingobium	japonicum	Bacteria	UT 26		
4962	6363	Sphingobium	japonicum	Bacteria	SP+		
4963	6364	Sphingobium	indicum	Bacteria	B90A		
4964	6365	Escherichia	coli	Bacteria	MIS		
4965	6366	Brevibacillus	brevis	Bacteria	SM		
4966	6378	Pseudomonas	sp.	Bacteria	NR		
4967	6379	Streptomyces	sp.	Actinomycetes	GP2		
4968	6380	Streptomyces	sp.	Actinomycetes	RJ3		
4969	6381	Streptomyces	sp.	Actinomycetes	RJ12		
4970	6382	Streptomyces	sp.	Actinomycetes	BN-7		

4971	6383	Streptomyces	sp.	Actinomycetes	RJ1		
4972	6385	Mesorhizobium	loti	Bacteria	Rhizo-1		
4973	6386	Rhizobium	leguminosarum	Bacteria	Rhizo-3 (IGKv-L)		
4974	6388	Pseudomonas	sp.	Bacteria	Rhizo-4		
4975	6389	Brevibacillus	brevis	Bacteria	Isolate 01-		
4976	6390	Bacillus	pantothenicus	Bacteria	BM-11-		
4977	6391	Bacillus	pumilus	Bacteria	Type A		
4978	6392	Bacillus	pantothenicus	Bacteria	Type B		
4979	6406	Ornithinimicrobi um	humiphilum	Actinomycetes	DSM 12362		DSM 12362,CIP 106634, ,
4980	6407	Demetria	terrigena	Actinomycetes	DSM 11295		DSM 11295,NBRC 16164, ,
4981	6408	Ornithinococcu s	hortensis	Actinomycetes	DSM 12335		ATCC BAA-9,NBRC 16434, ,
4982	6409	Citrobacter	freundii	Bacteria	HFBT-L139		
4983	6410	Agrococcus	citreus	Actinomycetes	DSM 12453		DSM 12453, ,
4984	6411	Exiguobacteriu m	antarcticum	Bacteria	DSM 14480		DSM 14480,CIP 107163,KCTC 3809, ,
4985	6412	Exiguobacteriu m	undae	Bacteria	DSM 14481		DSM 14481,CIP 107162,KCTC 3810, ,
4986	6413	Agrococcus	jenensis	Actinomycetes	DSM 9580		ATCC 700087,NBRC 16126, ,
4987	6414	Exiguobacteriu m	aurantiacum	Bacteria	DSM 6208		DSM 6208,ATCC 35652,NCDO 2321,NCIB 11798, ,
4988	6415	Microbacterium	keratanolyticum	Actinomycetes	DSM 8606		DSM 8606,ATCC 35057,CCM 4375,CIP 103815,, ,
4989	6417	Microbacterium	saperdae	Actinomycetes	DSM 20169		DSM 20169,ATCC 19272,CCEB 366, ,
4990	6418	Microbacterium	lacticum	Actinomycetes	DSM 20427		DSM 20427,ATCC 8180,NCDO 747,NCIB 8540, ,
4991	6419	Microbacterium	lique faciens	Actinomycetes	DSM 20638		DSM 20638,ATCC 43647,NCIB 11509, ,
4992	6420	Rhodococcus	opacus	Actinomycetes	DSM 43205		DSM 43205,ATCC 51881,CIP104549, ,
4993	6421	Tsukamurella	wratislaviensis	Actinomycetes	DSM 44107		DSM 44107,ATCC 51786,IMRU 878,NCIMB 1308, ,
4994	6422	Rhodococcus	percolatus	Actinomycetes	DSM 44240		DSM 44240,CIP104 964,HAMB11752,L MAV R292, ,
4995	6423	Brevibacillus	brevis	Bacteria	Organism-1-		
4996	6424	Burkholderia	cepacia	Bacteria	organism-2-		
4997	6425	Rhodococcus	koreensis	Actinomycetes	DSM 44498		DSM 44498,JCM 10743,KCTC 0569BP, ,
4998	6426	Bacillus	pantothenicus	Bacteria	GENE1-9-		
4999	6427	Bacillus	pantothenicus	Bacteria	GENE1-10-		
5000	6428	Bacillus		Bacteria	GENE1-11-		

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
5001	6429	Exiguobacterium	acetylicum	Bacteria	DSM 20416		DSM 20416,ATCC 953,NCIB 9889, ,
5002	6430	Pseudomonas	aeruginosa	Bacteria	S1		
5003	6431	Pseudomonas	aeruginosa	Bacteria	S2		
5004	6445	Citrobacter	sp.	Bacteria	D1		
5005	6446	Stenotrophomonas	maltophilia	Bacteria	D2		
5006	6447	Stenotrophomonas	maltophilia	Bacteria	D3		
5007	6455	Cryptococcus	albidus var.albidus	Yeasts	SVC		
5008	6456	Debaryomyces	hansenii var.hansenii	Yeasts	Y-539		
5009	6457	Agrococcus	baldri	Actinomycetes	DSM 14215		CCM 4953, ,
5010	6458	Pseudomonas	aeruginosa	Bacteria	BETDD/DN/03/C-1-		
5011	6459	Bacillus	licheniformis	Bacteria	AS-7-		
5012	6460	Aquaspirillum	sp.	Bacteria	CA-2-		
5013	6461	Aquaspirillum	sp.	Bacteria	C-2-		
5014	6466	Rhodococcus	marinonascens	Actinomycetes	DSM 43752		DSM 43752,ATCC 35653,JCM 6241,NCMB 2246,, ,
5015	6470	Lechevaleria	flava	Actinomycetes	V.K.S Pink		
5016	6471	Nocardia	otitidiscaviarum	Actinomycetes	TV-1		
5017	6472	Streptomyces	caeruleus	Actinomycetes	RRL-DJ-1		
5018	6473	Streptomyces	purpeofuscus	Actinomycetes	36		
5019	6474	Gliocladium	roseum	Fungi	TR3		
5020	6475	Acremonium	sp.	Fungi	GPCK1523		
5021	6476	Aspergillus	sydowii	Fungi	GPCK1519		
5022	6477	Penicillium	chrysogenum	Fungi	9.1(13)		
5023	6478	Aspergillus	fumigatus	Fungi	14.2(1)		
5024	6479	Penicillium	chrysogenum	Fungi	11.2(6)		
5025	6480	Penicillium	waksmanii	Fungi	13.2(1)		
5026	6481	Penicillium	purpurogenum	Fungi	RSP-0		
5027	6482	Aspergillus	fumigatus	Fungi	C35		
5028	6483	Chaetomella	raphigera	Fungi			
5029	6484	Aspergillus	tubingensis	Fungi	B1		
5030	6485	Aspergillus	carneus	Fungi	D25		
5031	6486	Aspergillus	awamori	Fungi	1		
5032	6487	Eupenicillium	parvum	Fungi	TRPSF10		
5033	6488	Trichoderma	saturnisporum	Fungi	TRF35		
5034	6489	Penicillium	sp.	Fungi	10T2038		
5035	6490	Corynascus	sepedonium	Fungi			
5036	6491	Aspergillus	fumigatus	Fungi	D17		
5037	6492	Penicillium	corylophilum	Fungi	14.1(10)		
5038	6493	Penicillium	montanense	Fungi	8.2(1)		
5039	6494	Penicillium	chrysogenum	Fungi	2.2(2)		
5040	6495	Aspergillus	fumigatus	Fungi	8CHP		
5041	6496	Penicillium	waksmanii	Fungi	5.2(4)		
5042	6497	Penicillium	sp.	Fungi	8		
5043	6498	Aspergillus	fumigatus	Fungi	9CHP		

5044	6499	Penicillium	roseopurpureum	Fungi		
5045	6500	Aspergillus	fumigatus	Fungi	12CHP	
5046	6507	Candida	glabrata	Yeasts	SPG-1	
5047	6508	Candida	melibiosica	Yeasts	PRB-1	
5048	6510	Candida	parapsilosis	Yeasts	PRB-3	
5049	6515	Alteromonas	sp.	Bacteria	V 70	
5050	6516	Halobacillus	sp.	Bacteria	CC1	
5051	6517	Brevibacterium	sp.	Actinomycetes	KGN 27	
5052	6518	Pseudoalteromonas	sp.	Bacteria	1325-5	
5053	6531	Streptomyces	sp.	Actinomycetes	A.01.11.29	
5054	6532	Nocardiosis	sp.	Actinomycetes	A.01.11.30	
5055	6534	Bacillus	sp.	Bacteria	UAS-2-	
5056	6535	Bacillus	circulans	Bacteria	UAS-3-	
5057	6536	Pantoea	agglomerans	Bacteria	UAS-5-	
5058	6541	Aeromonas	caviae	Bacteria	15 RM	
5059	6542	Acinetobacter	sp.	Bacteria	16 RM	
5060	6543	Bacillus	sp.	Bacteria	17 RM	
5061	6544	Bacillus	megaterium	Bacteria	19 RM	
5062	6545	Ornithinimicrobium	caseinilyticum	Actinomycetes	K22-20	
5063	6546	Kitasatospora	sampliensis	Actinomycetes	VT 36	
5064	6547	Acinetobacter	lwoffii	Bacteria	PD	
5065	6564	Penicillium	janthinellum	Fungi	3CHP	
5066	6565	Chaetomium	sp.	Fungi	7CHP	
5067	6566	Aspergillus	terricola	Fungi	F.02.02.45	
5068	6567	Absidia	corymbifera	Fungi	F.03.02.55	
5069	6568	Aspergillus	ochraceus	Fungi	F.01.05.07	
5070	6569	Fusarium	oxysporum	Fungi		
5071	6570	Aspergillus	fumigatus	Fungi	1	
5072	6571	Paecilomyces	variotii	Fungi	4	
5073	6572	Alternaria	alternata	Fungi	2	
5074	6573	Pestalotiopsis	sp.	Fungi	3	
5075	6574	Aspergillus	versicolor	Fungi	HR4-5	
5076	6575	Cladosporium	cladosporioides	Fungi	HR4-4	
5077	6576	Fusarium	moniliforme	Fungi	HR4-2	
5078	6577	Simplicillium	sp.	Fungi	HR4-3	
5079	6578	Chaetomium	globosum	Fungi	HRG-1	
5080	6579	Fusarium	lateritium	Fungi	F.02.02.47	
5081	6580	Fusarium	nivale	Fungi	F.03.02.54	
5082	6581	Paecilomyces	variotii	Fungi	IITKGP-AB1	
5083	6582	Cladosporium	oxysporum	Fungi		
5084	6583	Fusarium	dimerum	Fungi	F8	
5085	6584	Rhizopus	oryzae	Fungi	6PGJ1	
5086	6585	Aspergillus	flavus	Fungi	SPGGKJ-5	
5087	6586	Amylomyces	rouxii	Fungi	SGK-2	
5088	6587	Trichoderma	harzianum	Fungi	04FH23	
5089	6588	Botryodiplodia	sp.	Fungi	20	
5090	6589	Aspergillus	flavus	Fungi	SWF1	
5091	6590	Penicillium	citrinum	Fungi		

5092	6591	Diatrype	sp.	Fungi	19		
5093	6592	Cytospora	sp.	Fungi	17		
5094	6593	Diatrype	sp.	Fungi	5		
5095	6594	Aspergillus	fumigatus	Fungi			
5096	6595	Pseudallescheria	boydii	Fungi			
5097	6596	Cytospora	sp.	Fungi	7		
5098	6597	Rhizomucor	pusillus	Fungi	H1		
5099	6598	Valsa	sp.	Fungi	12		
5100	6599	Aspergillus	japonicus var.aculeatus	Fungi	S2WCHP		
5101	6600	Penicillium	citrinum	Fungi	LIXX		
5102	6601	Alcaligenes	sp.	Bacteria	A-13		
5103	6606	Rhodotorula	minuta var.minuta	Yeasts	SOA-1		
5104	6607	Rhodotorula	minuta var.minuta	Yeasts	SOA-3		
5105	6608	Rhodotorula	minuta var.minuta	Yeasts	SOA-5		
5106	6609	Rhodotorula	minuta var.minuta	Yeasts	SOA-6		
5107	6610	Rhodotorula	minuta var.minuta	Yeasts	SOA-11		
5108	6611	Rhodotorula	minuta var.minuta	Yeasts	SOA-12		
5109	6612	Rhodotorula	minuta var.minuta	Yeasts	SOA-10A		
5110	6613	Rhodotorula	minuta var.minuta	Yeasts	SOA-14A		
5111	6614	Rhodotorula	minuta var.minuta	Yeasts	SOA-16		
5112	6615	Mrakia	frigida	Yeasts	SOA-7		
5113	6616	Mrakia	frigida	Yeasts	SOA-8		
5114	6617	Mrakia	frigida	Yeasts	SOA-9		
5115	6618	Mrakia	frigida	Yeasts	SOA-14		
5116	6619	Mrakia	frigida	Yeasts	SOA-18		
5117	6620	Debaryomyces	hansenii var.hansenii	Yeasts	SOA-19		
5118	6621	Debaryomyces	hansenii var.hansenii	Yeasts	SOA-20		
5119	6626	Bacillus	circulans	Bacteria	1		
5120	6627	Pseudomonas	fluorescens	Bacteria	2		
5121	6628	Pseudomonas	aeruginosa	Bacteria	10:00 AM		
5122	6629	Bacillus	cereus	Bacteria	8		
5123	6630	Alcaligenes	faecalis	Bacteria	3		
5124	6631	Alcaligenes	sp.	Bacteria	5		
5125	6632	Wautersia	eutropha	Bacteria	7		
5126	6634	Rhodococcus	kroppenstedtii	Bacteria	KO7-23		
5127	6635	Streptomyces	sp.	Actinomycetes	DPT-B16		
5128	6636	Streptomyces	noursei	Actinomycetes	DPT-D21		
5129	6637	Streptomyces	sannanensis	Actinomycetes	S-39		
5130	6638	Streptomyces	caeruleus	Actinomycetes	LM 30		
5131	6639	Bacillus	firmus	Bacteria	10M		
5132	6640	Brevibacillus	brevis	Bacteria	7KH		

5133	6641	Kocuria	varians	Actinomycetes	MH-1		
5134	6642	Pseudomonas	aeruginosa	Bacteria	D-11		
5135	6643	Kitasatospora	putterlickiae	Actinomycetes	JCM 12393		JCM 12393,CIP 108207,DSM 44665,NBRC 1009,
5136	6644	Klebsiella	pneumoniae su bsp.pneumonia e	Bacteria	VS		
5137	6645	Marinomonas	polaris	Bacteria	CK 13		
5138	6652	Aspergillus	awamori	Fungi			
5139	6653	Aspergillus	sydowii	Fungi	F.01.05.11		
5140	6654	Aspergillus	awamori	Fungi	F.01.06.13		
5141	6655	Aspergillus	sydowii	Fungi	F.02.02.34		
5142	6656	Aspergillus	versicolor	Fungi	F.02.02.36		
5143	6657	Graphium	sp.	Fungi	F.02.02.43		
5144	6658	Aspergillus	pulvinus	Fungi	F.02.02.46		
5145	6659	Fusarium	oxysporum	Fungi	CAFO-IHBT		
5146	6660	Fusarium	moniliforme	Fungi	GLFO-IHBT		
5147	6661	Myceliophthora	sp.	Fungi	5CHP		
5148	6662	Acrophialophora	nainiana	Fungi	0		
5149	6663	Diaporthe	sp.	Fungi	37		
5150	6664	Diatrype	sp.	Fungi	31		
5151	6665	Eutypa	sp.	Fungi	30		
5152	6666	Diatrype	sp.	Fungi	41		
5153	6667	Diaporthe	sp.	Fungi	39		
5154	6668	Cytospora	sp.	Fungi	40		
5155	6669	Cytospora	sp.	Fungi	33		
5156	6670	Valsa	sp.	Fungi	34		
5157	6671	Bahusakala	sp.	Fungi	43		
5158	6672	Botryodiplodia	sp.	Fungi	45		
5159	6673	Chrysosporium	carmichaelii	Fungi	GPCK1533		
5160	6674	Aspergillus	flavus	Fungi	NI 2		
5161	6675	Eutypella	sp.	Fungi	42		
5162	6676	Diaporthe	sp.	Fungi	9		
5163	6677	Valsa	sp.	Fungi	16		
5164	6678	Chrysosporium	carmichaelii	Fungi	GPCK1534		
5165	6679	Chrysosporium	pannicola	Fungi	GPCK 1535		
5166	6680	Chrysosporium	pannicola	Fungi	GPCK 1536		
5167	6681	Chrysosporium	pannicola	Fungi	GPCK 1537		
5168	6682	Chrysosporium	carmichaelii	Fungi	GPCK1538		
5169	6683	Valsa	sp.	Fungi	15		
5170	6684	Discosporium	sp.	Fungi	22		
5171	6685	Beauveria	bassiana	Fungi	SB1		
5172	6686	Hirsutella	thompsonii	Fungi	EF/TOCK/2004/1		
5173	6687	Curvularia	pallescens	Fungi	F.02.05.53		
5174	6688	Scopulariopsis	brumptii	Fungi	F.03.08.59		
5175	6689	Cephalophora	tropica	Fungi	F.01.06.14		
5176	6690	Trichothecium	roseum	Fungi	01.08.20		
5177	6691	Paecilomyces	lilacinus	Fungi	F.02.03.39		
5178	6692	Paecilomyces	lilacinus	Fungi	F.02.02.37		

5179	6693	Aspergillus	sydowii	Fungi	F.02.02.41		
5180	6694	Conidiobolus	sp.	Fungi	F.03.01.56		
5181	6695	Conidiobolus	coranatus	Fungi	F.02.02.44		
5182	6696	Mucor	prayagensis	Fungi	03.08.58		
5183	6697	Stachybotrys	albipes	Fungi	F.02.05.52		
5184	6698	Saccardia	sp.	Fungi	11		
5185	6699	Conostroma	sp.	Fungi	55		
5186	6700	Valsa	sp.	Fungi	4		
5187	6701	Arthrobacter	aureus	Actinomycetes	BTS-10		
5188	6702	Rhizobium	radiobacter	Bacteria	A5		
5189	6703	Sphingobacterium	multivorum	Bacteria	HT-8		
5190	6704	Streptomyces	sp.	Actinomycetes	DPTD21		
5191	6705	Streptomyces	sp.	Actinomycetes	DPT B16		
5192	6706	Pseudomonas	nitroreducens	Bacteria	JCM 2782		JCM 2782,ATCC 33634,1AM 1439, ,
5193	6707	Bacillus	marisflavi	Bacteria	JCM 11544		JCM 11544,CIP 108135,DSM 16204,KCCM 4158, ,
5194	6708	Gordonia	amarae	Actinomycetes	IICT		
5195	6709	Xanthobacter	flavus	Bacteria	PN/Y		
5196	6710	Bacillus	subtilis	Bacteria	MPK-3		
5197	6712	Serratia	odorifera	Bacteria	SSL		
5198	6715	Sporosarcina	globispora	Bacteria	TDA		
5199	6716	Rhodococcus	sp.	Bacteria	ITCR-R1		
5200	6717	Pseudomonas	stutzeri	Bacteria	23 RM		
5201	6718	Kurthia	sp.	Bacteria	22 RM		
5202	6720	Erwinia	herbicola	Bacteria	UAS-4		
5203	6722	Bacillus	aquimaris	Bacteria	JCM 11545		JCM 11545,CIP 108136,DSM 16205,KCCM 4158, ,
5204	6723	Bacillus	luciferensis	Bacteria	JCM 12212		JCM 12212,CIP 107105,LMG 18422, ,
5205	6724	Pseudomonas	alcaliphila	Bacteria	JCM 10630		JCM 10630,1AM 14884, ,
5206	6725	Pseudomonas	stutzeri	Bacteria			
5207	6726	Virgibacillus	pantothenticus	Bacteria	C-3		
5208	6727	Arthrobacter	aureus	Actinomycetes	N1		
5209	6728	Bacillus	cereus	Bacteria	AB-I		
5210	6729	Virgibacillus	pantothenticus	Bacteria	AG01		
5211	6730	Breribacterium	sp.	Actinomycetes	Black dye usab		
5212	6731	Arthrobacter	sp.	Actinomycetes	Orange Dye		
5213	6732	Pseudomonas	fluorescens	Bacteria	KT205		
5214	6733	Bacillus	licheniformis	Bacteria	EB-13		
5215	6734	Bacillus	circulans	Bacteria	EB-35		
5216	6735	Bacillus	coagulans	Bacteria	A-K-19		
5217	6736	Citrobacter	freundii	Bacteria	MJ1		
5218	6737	Staphylococcus	sp.	Bacteria	PGJ-3		
5219	6749	Trichoderma	reesei	Fungi	OUFH-25		
5220	6750	Aspergillus	flavus	Fungi	1		
5221	6751	Penicillium	citrinum	Fungi	2		

5222	6752	Penicillium	purpurogenum	Fungi	1		
5223	6753	Penicillium	purpurogenum	Fungi	2		
5224	6754	Diatrype	sp.	Fungi	32		
5225	6755	Valsa	sp.	Fungi	35		
5226	6756	Cytospora	sp.	Fungi	36		
5227	6757	Dinemasporium	strigosum	Fungi	46		
5228	6758	Valsa	sp.	Fungi	28		
5229	6759	Cytospora	sp.	Fungi	29		
5230	6760	Nectria	sp.	Fungi	27		
5231	6761	Hypoxyton	sp.	Fungi	67		
5232	6762	Trichoderma	koningii	Fungi	66		
5233	6763	Chaetomium	globosum	Fungi	F.04.03.62		
5234	6764	Mucor	sp.	Fungi	F.03.08.57		
5235	6765	Humicola	grisea	Fungi	1		
5236	6766	Pestalotiopsis	sp.	Fungi	4B		
5237	6767	Trichoderma	harzianum	Fungi	4C		
5238	6768	Aspergillus	parasiticus	Fungi	2		
5239	6769	Fusarium	oxysporum	Fungi	2C		
5240	6770	Cytospora	sp.	Fungi	72		
5241	6771	Peroneutypa	sp.	Fungi	64		
5242	6772	Aspergillus	foetidus	Fungi	1		
5243	6773	Fusarium	solani	Fungi	RMK-EMF-1		
5244	6774	Fusarium	decemcellulare	Fungi	3		
5245	6775	Alternaria	sp.	Fungi	4		
5246	6776	Aspergillus	awamori	Fungi	1		
5247	6777	Aspergillus	parasiticus	Fungi	2		
5248	6778	Aspergillus	terricola	Fungi	3		
5249	6779	Beauveria	bassiana	Fungi	BA3		
5250	6780	Cytospora	sp.	Fungi	47		
5251	6781	Cytospora	sp.	Fungi	49		
5252	6782	Diatrype	sp.	Fungi	65		
5253	6783	Calosphaeria	sp.	Fungi	58		
5254	6784	Arthrimum	sp.	Fungi	57		
5255	6785	Calosphaeria	sp.	Fungi	59		
5256	6786	Botryodiplodia	sp.	Fungi	60		
5257	6787	Valsa	sp.	Fungi	75		
5258	6788	Periconia	shyamala	Fungi	3		
5259	6789	Diatrype	sp.	Fungi	26		
5260	6790	Diaporthe	sp.	Fungi	56		
5261	6791	Eutypella	sp.	Fungi	69		
5262	6792	Paecilomyces	fumosoroseus	Fungi	51		
5263	6793	Trichoderma	atroviride	Fungi	T1		
5264	6794	Harknessia	sp.	Fungi	10		
5265	6795	Penicillium	chrysogenum	Fungi	71		
5266	6796	Eutypella	sp.	Fungi	43		
5267	6797	Diatrype	sp.	Fungi	62		
5268	6798	Phoma	tropica	Fungi	68		
5269	6799	Eutypa	sp.	Fungi	52		
5270	6800	Hirsutella	sp.	Fungi	14		
5271	6801	Staphylococcus	sp.	Bacteria	culture-1		

5272	6802	Bacillus	circulans	Bacteria	(Culture -2)		
5273	6803	Bacillus	circulans	Bacteria	(Culture -3)		
5274	6805	Citrobacter	sp.	Bacteria	(Q-12)		
5275	6806	Enterobacter	aerogenes	Bacteria	(F-12)		
5276	6807	Arthrobacter	sp.	Actinomycetes	(I-12)		
5277	6808	Bacillus	subtilis	Bacteria	A1		
5278	6809	Pseudomonas	putida	Bacteria	P1		
5279	6810	Staphylococcus	epidermidis	Bacteria	C4		
5280	6811	Bacillus	circulans	Bacteria	(RSP -12)		
5281	6812	Hyphozyma	variabilis var.odora	Fungi	CBS328.60		
5282	6813	Hyphozyma	variabilis var.variabilis	Fungi	CBS523.79		
5283	6814	Bacillus	circulans	Bacteria	TM-1		
5284	6815	Bacillus	sp.	Bacteria	C-13		
5285	6817	Streptomyces	halstedii	Actinomycetes	CKM-2		
5286	6818	Streptomyces	anulatus	Actinomycetes	CKM-3		
5287	6819	Streptomyces	sp.	Actinomycetes	CKM-4		
5288	6820	Streptomyces	olivaceus	Actinomycetes	CKM-6		
5289	6821	Streptomyces	lavendulae	Actinomycetes	CKM-7		
5290	6822	Streptomyces	violaceusniger	Actinomycetes	CKM-10		
5291	6823	Staphylococcus	vitulinus	Bacteria	MM		
5292	6824	Bacillus	licheniformis	Bacteria	IJ		
5293	6837	Bordetella	bronchiseptica	Bacteria	Bb1		
5294	6839	Methylobacterium	mesophilicum	Bacteria	TV-3		
5295	6840	Bacillus	cereus	Bacteria	GKSP-1		
5296	6841	Tsukamurella	paurometabola	Actinomycetes	GKSL-2		
5297	6844	Bacillus	pantothenticus	Bacteria	NS(1)		
5298	6845	Enterococcus	faecalis	Bacteria	J-12		
5299	6846	Bacillus	circulans	Bacteria	S.N. 218		
5300	6851	Cytospora	sp.	Fungi	195		
5301	6852	Trichoderma	harzianum	Fungi	53		
5302	6853	Calosphaeria	sp.	Fungi	199		
5303	6854	Corynespora	foveolata	Fungi	70		
5304	6855	Calosphaeria	sp.	Fungi	203		
5305	6856	Valsa	sp.	Fungi	204		
5306	6857	Hysterium	sp.	Fungi	1.1.05.8		
5307	6858	Diatrype	sp.	Fungi	2.1.05.8		
5308	6859	Diaporthe	sp.	Fungi	3.1.05.8		
5309	6860	Eutypella	sp.	Fungi	4.1.05.8		
5310	6861	Eutypella	sp.	Fungi	5.1.05.8		
5311	6862	Diatrype	sp.	Fungi	6.1.05.8		
5312	6863	Valsa	sp.	Fungi	7.1.05.8		
5313	6864	Diatrype	sp.	Fungi	8.1.05.08		
5314	6865	Cytospora	sp.	Fungi	9.1.05.8		
5315	6866	Valsa	sp.	Fungi	10.1.05.8		
5316	6867	Eutypella	sp.	Fungi	18.1.05.8		
5317	6868	Diatrypella	sp.	Fungi	21.1.05.8		
5318	6869	Calosphaeria	sp.	Fungi	11.1.05.8		
5319	6870	Eutypa	sp.	Fungi	15.1.05.8		

5320	6871	Valsa	sp.	Fungi	26.1.05.8		
5321	6872	Diatrype	sp.	Fungi	42.1.05.8		
5322	6873	Valsa	sp.	Fungi	37.1.05.8		
5323	6874	Diatrypella	sp.	Fungi	40.1.05.8		
5324	6875	Diaporthe	sp.	Fungi	47.1.05.8		
5325	6876	Eutypa	sp.	Fungi	46.1.05.8		
5326	6877	Cytospora	sp.	Fungi	32.1.05.8		
5327	6878	Eutypa	sp.	Fungi	48.1.05.8		
5328	6879	Penicillium	chrysogenum	Fungi	CDM-19		
5329	6880	Xylaria	sp.	Fungi	53.1.05.8		
5330	6881	Diaporthe	sp.	Fungi	31.1.05.8		
5331	6882	Graphium	sp.	Fungi	21.1.05.8		
5332	6883	Thyronectria	sp.	Fungi	38.1.05.8		
5333	6884	Graphium	sp.	Fungi	39.1.05.8		
5334	6885	Cladosporium	oxysporum	Fungi	29.1.05.8		
5335	6886	Periconia	cookei	Fungi	73		
5336	6887	Phoma	herbarum	Fungi	198		
5337	6888	Trichoderma	koningii	Fungi	19.1.05.08		
5338	6889	Eutypella	sp.	Fungi	45.1.05.8		
5339	6890	Eutypella	sp.	Fungi	49.1.05.8		
5340	6891	Penicillium	chrysogenum	Fungi	14.1.05.08		
5341	6892	Nectria	sp.	Fungi	51.1.05.8		
5342	6893	Diarimella	setulosa	Fungi	52.1.05.8		
5343	6894	Calosphaeria	sp.	Fungi	56.1.05.8		
5344	6895	Diatrype	sp.	Fungi	57.1.05.9		
5345	6896	Diatrype	sp.	Fungi	55.1.05.9		
5346	6897	Diaporthe	sp.	Fungi	63.1.05.10		
5347	6898	Valsa	sp.	Fungi	81.1.05.3		
5348	6899	Valsa	sp.	Fungi	69.1.05.2		
5349	6900	Cytospora	sp.	Fungi	70.1.05.2		
5350	6901	Bacillus	circulans	Bacteria	20RM		
5351	6902	Burkholderia	cepacia	Bacteria	21RM		
5352	6903	Phyllobacterium	mysrinacearum	Bacteria	DSM 5892		DSM 5892,ATCC 43590,NCIMB 12127, ,
5353	6904	Phyllobacterium	rubiacearum	Bacteria	DSM 5893		DSM 5893,ATCC 43591,NCIMB 12128, ,
5354	6905	Bacillus	thuringiensis	Bacteria	SG10		
5355	6906	Pseudomonas	putida	Bacteria	SG21		
5356	6907	Pantoea	agglomerans	Bacteria	SG01		
5357	6908	Staphylococcus	aureus	Bacteria	SG03		
5358	6909	Bacillus	cereus	Bacteria	AM-7		
5359	6910	Bacillus	subtilis	Bacteria	UK-9		
5360	6911	Stenotrophomonas	maltophila	Bacteria	KSI(LDC-5)		
5361	6913	Gluconacetobacter	kombuchae	Bacteria	RG-3-		
5362	6914	Pseudomonas	sp.	Bacteria	V-4		
5363	6915	Arthrobacter	sp.	Actinomycetes	AC1		
5364	6916	Streptomyces	violens	Actinomycetes	JCM 3072		JCM 3072,DSM 40597,ATCC 15898,NBRC

							12557, ,
5365	6917	Streptomyces	niger	Actinomycetes	JCM 3158		JCM 3158,DSM 43049,ATCC 17756,NBRC 13362, ,
5366	6918	Streptomyces	albospinus	Actinomycetes	JCM 3399		JCM 3399,DSM 41674,ATCC 29808,NBRC 13846, ,
5367	6919	Streptomyces	kasugaensis	Actinomycetes	JCM 4208		JCM 4208,DSM 40819,ATCC 15714,NBRC 13851, ,
5368	6920	Streptomyces	albofaciens	Actinomycetes	JCM 4342		JCM 4342,ATCC 23873,DSM 40268,NBRC 12833, ,
5369	6921	Streptomyces	parvulus	Actinomycetes	JCM 4601		JCM 4601,DSM 40048,ATCC 19796,NBRC 13193, ,
5370	6922	Streptomyces	chrestomyceticus	Actinomycetes	JCM 4735		JCM 4735,DSM 40545,ATCC 14947,NBRC 13444, ,
5371	6923	Streptomyces	rhizosphaericus	Actinomycetes	JCM 11447		JCM 11447,DSM 41760,NCIMB 13674, ,
5372	6924	Streptomyces	yogyakartensis	Actinomycetes	JCM 11448		JCM 11448,DSM 41766,NCIMB 13681, ,
5373	6925	Curtobacterium	sp.	Bacteria	S11		
5374	6926	Pseudoalteromonas	sp.	Bacteria	U-23		
5375	6927	Bacillus	sp.	Bacteria	DC1		
5376	6928	Pseudoalteromonas	sp.	Bacteria	U-50		
5377	6929	Paracoccus	sp.	Bacteria	S-5		
5378	6930	Cryptococcus	laurentii	Yeasts	RY1		
5379	6931	Debaryomyces	hansenii var. hansenii	Yeasts	NS1A		
5380	6934	Paenibacillus	assamensis	Bacteria	GPTSA-11		
5381	6935	Serratia	sp.	Bacteria	NiVa-51		
5382	6936	Flavobacterium	indicum	Bacteria	GPTSA 100-9		CIP 109464, DSM 17447, ,
5383	6937	Emticicia	oligotrophica	Bacteria	GPTSA 100-15		
5384	6938	Bacillus	circulans	Bacteria	IIBAT-3		
5385	6939	Bacillus	subtilis	Bacteria	AFN-44		
5386	6940	Bacillus	sp.	Bacteria	P11		
5387	6941	Bacillus	thuringiensis	Bacteria	MPKII-1		
5388	6942	Bacillus	subtilis	Bacteria	MPK-16		
5389	6943	pMAD	(in E.coli DH5@)	Plasmids			CIP, ,
5390	6944	Brevibacillus	brevis	Bacteria	NO 1		
5391	6945	Achromobacter	denitrificans	Bacteria	No-2		
5392	6946	Diatrypella	sp.	Fungi	73.1.05.2		
5393	6947	Cytospora	sp.	Fungi	82.1.05.3		
5394	6948	Colletotrichum	gloeosporioides	Fungi	3A		
5395	6949	Aspergillus	terricola	Fungi	BD-2AK		

5396	6950	Cephalotrichum	sp.	Fungi	23.1.05.5		
5397	6951	Aplosporella	sp.	Fungi	68.1.05.9		
5398	6952	Stictis	sp.	Fungi	67.1.05.9		
5399	6953	Taeniolella	muricata	Fungi	65.1.05.10		
5400	6954	Verticillium	dahliae	Fungi	24.1.05.7		
5401	6955	Monodictys	putredinis	Fungi	25.1.05.8		
5402	6956	Memnoniella	levispora	Fungi	28.1.05.8		
5403	6957	Stachybotrys	atra var. microspora	Fungi	28.1.05.8		
5404	6958	Nectria	sp.	Fungi	12.1.05.8		
5405	6959	Hypoxylon	sp.	Fungi	30.1.05.8		
5406	6960	Xylaria	sp.	Fungi	33.1.05.8		
5407	6961	Cladosporium	sp.	Fungi	34.1.05.8		
5408	6962	Aplosporella	sp.	Fungi	58.1.05.9		
5409	6963	Hypoxylon	sp.	Fungi	59.1.05.9		
5410	6964	Leptosphaeria	sp.	Fungi	41.1.05.8		
5411	6965	Hypoxylon	sp.	Fungi	43.1.05.8		
5412	6966	Torula	herbarum	Fungi	54.1.05.8		
5413	6967	Helicosporium	sp.	Fungi	17.1.05.8		
5414	6968	Penicillium	corylophilum	Fungi	16a.1.05.8		
5415	6969	Fusarium	subglutinans	Fungi	16b.1.05.8		
5416	6970	Eutypa	sp.	Fungi	98.1.05.1		
5417	6971	Cytospora	sp.	Fungi	84.1.05.1		
5418	6972	Hypoxylon	sp.	Fungi	83.1.05.1		
5419	6973	Nectria	sp.	Fungi	92.1.05.1		
5420	6974	Aspergillus	sp.	Fungi	96.1.05.1		
5421	6975	Penicillium	rugulosum	Fungi	97.1.05.1		
5422	6976	Valsa	sp.	Fungi	86.1.05.2		
5423	6977	Leptosphaerulina	crassiasca	Fungi	AH1		
5424	6978	Phargmodiaporthe	sp.	Fungi	79.1.05.2		
5425	6979	Pleurophoma	sp.	Fungi	77.1.05.3		
5426	6980	Hypoxylon	sp.	Fungi	78.1.05.2		
5427	6981	Hypoxylon	sp.	Fungi	60.1.05.9		
5428	6982	Hyaloderma	sp.	Fungi	4A		
5429	6983	Chaetomium	globosum	Fungi	BD-1 AK		
5430	6984	Dendriphiopsis	sp.	Fungi	62a		
5431	6985	Fusarium	moniliforme	Fungi	325f		
5432	6986	Hypoxylon	sp.	Fungi	75.1.05.3		
5433	6987	Cytospora	sp.	Fungi	74.1.05.3		
5434	6988	Pseudovalsa	sp.	Fungi	72.1.05.1		
5435	6989	Monodictys	putredinis	Fungi	91.1.05.1		
5436	6990	Tubercularia	sp.	Fungi	93.1.05.1		
5437	6991	Graphium	sp.	Fungi	94.1.05.1		
5438	6992	Aspergillus	fumigatus	Fungi	BD 3AK		
5439	6993	Aspergillus	oryzae	Fungi	BD 5AK		
5440	6994	Aureobasidium	pullulans var. pullulans	Fungi	FB-1		
5441	6995	Aspergillus	awamori	Fungi	RNR-1		
5442	6996	Corynespora	cassicola	Fungi	AS-1		

5443	6997	Cladosporium	oxysporum	Fungi	VC2F1		
5444	6998	Aspergillus	flavus	Fungi	VCIF4		
5445	6999	Penicillium	citrinum	Fungi	VCIF1		
5446	7000	Scytalidium	lignicola	Fungi	VCIF5		
5447	7001	Mesorhizobium	thioganicum	Bacteria	SJT(T)		LMG 22697, ,
5448	7002	Advenella	kashmirensis	Bacteria	WT001		
5449	7003	Paracoccus	bengalensis	Bacteria	JJJ(T)		
5450	7004	Thermoactinomyces	sacchari	Actinomycetes	T4-10		
5451	7005	Pseudomonas	pseudoalcaligenes	Bacteria	187		
5452	7007	Dietzia	kunjamensis	Actinomycetes	K30-10		
5453	7008	Streptomyces	ferralitis	Actinomycetes	DSM 41836		DSM 41836,CGMCC 4.1985,NCIMB 13954, ,
5454	7009	Streptomyces	armeniacus	Actinomycetes	DSM 43125		DSM 43125,ATCC 15676,NBRC 13243,RIA 807, ,
5455	7010	Dietzia	psychralcaliphila	Actinomycetes	DSM 44820		DSM 44820,CIP 107427,NCIMB 13777,CCUG 47, ,
5456	7011	Dietzia	maris	Actinomycetes	DSM 43672		DSM 43672,ATCC 35013,NBRC 15801,JCM 6166, ,
5457	7012	Chainia	olivacea	Actinomycetes	DSM 41793		DSM 41793,CCRC 16301,CGMCC 4.1004,YIM 41, ,
5458	7013	Streptomyces	olivaceiscleroticus	Actinomycetes	DSM 40595		DSM 40595,ATCC 15722,JCM 3045, ,
5459	7014	Dietzia	natronolimnaea	Actinomycetes	DSM 44860		DSM 44860,CBS 10795,JCM 11417, ,
5460	7015	Brevibacillus	centrosporus	Bacteria	RKK1		
5461	7016	Brevibacillus	centrosporus	Bacteria	IABR-0785		
5462	7017	Bacillus	lutrosporus	Bacteria	(SKP1)		
5463	7018	Saccharomyces	cerevisiae	Yeasts	PGJ-2		
5464	7019	Pseudomonas	putida	Bacteria	CDM-8		
5465	7020	Kocuria	himachalensis	Actinomycetes	K07-05		
5466	7021	Pseudomonas	sp.	Bacteria	P6		
5467	7022	Pseudomonas	sp.	Bacteria	U-3		
5468	7023	Dyadobacter	hamtensis:	Bacteria	HHS-11		
5469	7024	Bacillus	flexus	Bacteria	EC-2		
5470	7025	Pseudoalteromonas	sp.	Bacteria	U-11		
5471	7026	Bacillus	sp.	Bacteria	N-12		
5472	7027	Citrobacter	freundii	Bacteria	L-12		
5473	7028	Klebsiella	pneumoniae	Bacteria	A-12		
5474	7029	Citrobacter	freundii	Bacteria	G-12		
5475	7030	Vibrio	sp.	Bacteria	M-12		
5476	7031	Chainia	antibiotica	Actinomycetes	JCM 3039		JCM 3039,ATCC 15721,DSM 43032,NBRC 13356, ,
5477	7032	Chainia	purpurogena	Actinomycetes	JCM 3080		JCM 3080,Atcc 19348,DSM

							43156,NBRC 13903, ,
5478	7033	Streptomyces	rimosus.susssp. rimosus	Actinomycetes	JCM 4073		JCM 4073,DSM 40260,ATCC 10970,NBRC 3725,, ,
5479	7034	Streptomyces	chattanoogensi s	Actinomycetes	JCM 4299		JCM 4299,DSM 40002,ATCC 13358,NBRC 12754, ,
5480	7035	Streptomyces	catenulae	Actinomycetes	JCM 4353		JCM 4353,DSM 40258,ATCC 12476,NBRC 12848, ,
5481	7037	Streptomyces	erumpens	Actinomycetes	JCM 5060		JCM 5060,DSM 40941,ATCC 23266,NBRC 15403, ,
5482	7038	Streptomyces	sannanensis	Actinomycetes	RJT-1		
5483	7039	Streptomyces	clavuligerus	Actinomycetes	MIT-1		
5484	7040	Streptomyces	tanashiensis	Actinomycetes	AZD		
5485	7041	Streptomyces	sannanensis	Actinomycetes	SU-118		
5486	7042	Streptomyces	noursei	Bacteria	SU-146		
5487	7043	Candida	parapsilosis	Yeasts	IPL/MI/B-79		
5488	7044	Bacillus	thuringiensis	Bacteria			
5489	7045	Alcaligenes	sp.	Bacteria	340MB		
5490	7046	Bacillus	circulans	Bacteria	345MB		
5491	7047	Bacillus	mycoides	Bacteria	360MB		
5492	7048	Arthrobacter	rhombi	Actinomycetes	RE		
5493	7049	Enterococcus	gallinarum	Bacteria	Blue-2		
5494	7050	Bacillus	sphaericus	Bacteria	CNBT-2		
5495	7051	Bacillus	sp.	Bacteria	CBI-3		
5496	7052	Bacillus	sp.	Bacteria	CBT-4		
5497	7053	Bacillus	licheniformis	Bacteria	CBT-5		
5498	7054	Brevibacillus	brevis	Bacteria	BISR-062		
5499	7055	Bacillus	pumilus	Bacteria	IPL/MI/B-63		
5500	7056	Listeria	ivanovii	Bacteria	IPL/MI/B-64		
5501	7057	Bacillus	subtilis	Bacteria	IPL/MI/B-74.75		
5502	7058	Streptomyces	sp.	Actinomycetes	SN-83		
5503	7059	Streptomyces	sp.	Actinomycetes	SN-77		
5504	7060	Streptomyces	sp.	Actinomycetes	SN-32		
5505	7061	Debaryomyces	singareniensis	Yeasts	AP-19		
5506	7062	Debaryomyces	singareniensis	Yeasts	AP-19(4)		
5507	7063	Torulasporea	delbrueckii	Yeasts	AP-18		
5508	7064	Pichia	manshurica Saito	Yeasts	AP-20		
5509	7065	Candida	qinlingensis	Yeasts	KZ-16A		
5510	7066	Cryptococcus	flavescens	Yeasts	A-41		
5511	7067	Candida	tsuchiaie	Yeasts	1A		
5512	7068	Cryptococcus	sp.	Yeasts	S1C		
5513	7069	Candida	fermentati	Yeasts	S1C		
5514	7070	Metschnikowia	koreensis	Yeasts	S-16A		
5515	7071	Symptodiomyco psis	sp.	Yeasts	S6A		
5516	7072	Pseudozyma	sp.	Yeasts	S1J		

5517	7073	Pseudozyma	sp.	Yeasts	S-15N		
5518	7074	Pseudozyma	sp.	Yeasts	S-15P		
5519	7075	Cryptococcus	sp.	Yeasts	S-15L		
5520	7076	Cryptococcus	sp.	Yeasts	S1D		
5521	7077	Candida	tsuchiyae	Yeasts	KZ-7b		
5522	7078	Rhodosporidium	sp.	Yeasts	S1A		
5523	7079	Pseudozyma	sp.	Yeasts	S-15M		
5524	7080	Aureobasidium	pullulans var.pullulans	Yeasts	A2C1-5		
5525	7081	Bacillus	pumilus	Bacteria	OPK-5		
5526	7082	Bacillus	pumilus	Bacteria	OPK-6		
5527	7083	Pseudomonas	aeruginosa	Bacteria	MPG-5		
5528	7084	Bacillus	mycoides	Bacteria	MPKII8		
5529	7085	Rhodococcus	imtechensis	Actinomycetes	RKJ 300		
5530	7086	Bacillus	subtilis	Bacteria	CAL-3		
5531	7087	Enterobacter	sp.	Bacteria	NiVas 114		
5532	7088	Rhodocista	sp.	Bacteria	JA-3		
5533	7089	Bacillus	sp.	Bacteria	SK47T		
5534	7090	Aeromonas	sharmana	Bacteria	GPTSA 6T		
5535	7091	Arthrobacter	sp.	Actinomycetes	NAH-8		
5536	7092	Bacillus	pumilus	Bacteria	NA€7		
5537	7093	Pseudomonas	aeruginosa	Bacteria	M-13		
5538	7094	Pseudomonas	mendocina	Bacteria	M-37		
5539	7096	Methylobacterium	indicum	Actinomycetes	K22-27		
5540	7097	Enterobacter	cloacae	Bacteria	BAM -1 (Isolate No 1)		
5541	7098	Pseudomonas	fluorescens	Bacteria	BAM -4 (Isolate No 4)		
5542	7099	Burkholderia	cepacia	Bacteria	BAM -6 (Isolate No 6)		
5543	7100	Burkholderia	cepacia	Bacteria	BAM-12 (Isolate No12)		
5544	7101	Enterobacter	sp.	Bacteria	BAM-50 (Isolate No50)		
5545	7102	Kluyvera	intermedia	Bacteria	MPK-7		
5546	7103	Serratia	marcescens	Bacteria	S-1		
5547	7104	Enterobacter	sp.	Bacteria	S-2		
5548	7105	Trichoderma	harzianum	Fungi	Tricho 2		
5549	7106	Diaporthe	sp.	Fungi	113.1.05.3		
5550	7107	Diaporthe	sp.	Fungi	115.1.05.3		
5551	7108	Diatrype	sp.	Fungi	110.1.05.3		
5552	7109	Valsa	sp.	Fungi	109.1.05.3		
5553	7110	Trichoderma	lactea	Fungi	Tricho		
5554	7111	Fusarium	nivale	Fungi	Fus		
5555	7112	Mucor	indicus	Fungi	SWP		
5556	7113	Chrysosporium	tropicum	Fungi	SBM		
5557	7114	Sclerotinia	sp.	Fungi			
5558	7115	Botrydiplodia	sp.	Fungi			
5559	7116	Paecilomyces	lilacinus	Fungi	103.1.05.1		
5560	7117	Diaporthe	sp.	Fungi	108.1.05.1		
5561	7118	Dictyoportha	ahmadii	Fungi	112.1.05.3		
5562	7119	Peroneutypa	sp.	Fungi	104.1.05.1		
5563	7120	Drechslera	sp.	Fungi	105.1.05.1		
5564	7121	Cytospora	sp.	Fungi	111.1.05.3		

5565	7122	Pleurocytospora	sp.	Fungi	107.1.05.5		
5566	7123	Curvularia	clavata	Fungi	VCIFMGY		
5567	7124	Penicillium	citrinum	Fungi	VBCat.A.25.1		
5568	7125	Penicillium	citrinum	Fungi	VC2F3		
5569	7126	Penicillium	citrinum	Fungi	NiF3		
5570	7127	Corynespora	sp.	Fungi	66.1.05.10		
5571	7128	Nectria	sp.	Fungi	95.1.05.1		
5572	7129	Phoma	tropica	Fungi	VC2F4		
5573	7130	Pleurocytospora	sp.	Fungi	85.1.05.3		
5574	7131	Stigmatodopsis	sp.	Fungi	114.1.05.3		
5575	7132	Aspergillus	fumigatus	Fungi	RRL10		
5576	7133	Aspergillus	flavus	Fungi	RRL-11		
5577	7134	Aspergillus	flavus	Fungi	RRL-9		
5578	7135	Mucor	indicus	Fungi	XL2		
5579	7136	Aspergillus	fumigatus	Fungi	XL1		
5580	7137	Didymosphaeria	sp.	Fungi	89.1.05.3		
5581	7138	Thaxteria	sp.	Fungi	80.1.05.3		
5582	7139	Monodictys	putredinis	Fungi	102.1.05.1		
5583	7140	Memnoniella	levispora	Fungi	64.1.05.10		
5584	7141	Aspergillus	aculeatus	Fungi			
5585	7142	Diatrype	sp.	Fungi	116.1.05.3		
5586	7143	Eutypa	sp.	Fungi	117.1.05.3		
5587	7144	Hypoxylon	sp.	Fungi	123.1.05.3		
5588	7145	Diaporthe	sp.	Fungi	129.1.05.3		
5589	7146	Diatrype	sp.	Fungi	127.1.05.7		
5590	7147	Diaporthe	sp.	Fungi	140.1.05.7		
5591	7148	Eutypella	sp.	Fungi	128.1.05.6		
5592	7149	Diaporthe	sp.	Fungi	141.1.05.7		
5593	7150	Alternaria	sp.	Fungi	AL 21		
5594	7151	Serratia	fonticola	Bacteria	SNT-1		
5595	7152	Paenibacillus	macerans	Bacteria	SNT-2		
5596	7153	Aeromonas	schubertii	Bacteria	SNT-3		
5597	7154	Agrococcus	lahaulensis	Actinomycetes	K22-21		
5598	7155	Fontibacillus	aquaticus	Bacteria	GPTSA 19		
5599	7156	Bacillus	licheniformis	Bacteria	R1		
5600	7157	Xanthobacter	sp.	Bacteria	R-2		
5601	7158	Acinetobacter	calcoaceticus	Bacteria	CHS-8		
5602	7159	Planococcus	rifietoensis	Bacteria	DSM 15069		DSM 15069, ATCC BAA-790, ,
5603	7160	Ewingella	americana	Bacteria	S-V42		
5604	7161	Phyllobacterium	rubiacearum	Bacteria	SV2		
5605	7162	Klebsiella	pneumoniae subsp. pneumoniae	Bacteria	SK-4		
5606	7163	Bacillus	megaterium	Bacteria	MNS-1		
5607	7164	Bacillus	subtilis subsp. subtilis	Bacteria	LS-4		
5608	7165	Bacillus	sp.	Bacteria	10D-2		
5609	7166	Bacillus	cereus	Bacteria	MPK-10		

5610	7167	Sporolactobacillus	laevolacticus	Bacteria	MPK-14		
5611	7168	Paracoccus	thiocyanus	Bacteria	SST=LMG 22699		
5612	7169	Paracoccus	pantotrophus	Bacteria	JT001=LMG 22698		
5613	7170	Paracoccus	versutus	Bacteria	JJS001=LMG22704		
5614	7171	Advenella	kashmirensis	Bacteria	WGT=LMG22696		
5615	7172	Paracoccus	versutus	Bacteria	TSJ=LMG22701		
5616	7173	Pseudomonas	putida	Bacteria	BIHB346MD		
5617	7174	Bacillus	circulans	Bacteria	BIHB348MD		
5618	7176	Bacillus	sp.	Bacteria	BIHB356MD		
5619	7177	Hyphozyma	sp.	Yeasts	Ant-B		
5620	7178	Hyphozyma	sp.	Yeasts	Ant-0		
5621	7179	Hyphozyma	sp.	Yeasts	Ant-Q		
5622	7180	Hyphozyma	sp.	Yeasts	Ant-F		
5623	7181	Bacillus	halodurans	Bacteria	R-PB		
5624	7182	Paenibacillus	koreensis	Bacteria	WGPSB-2		
5625	7183	Burkholderia	pseudomallei	Bacteria	NAH-17		
5626	7184	Bacillus	licheniformis	Bacteria	LAC-1		
5627	7185	Microbacterium	sp.	Actinomycetes	SK-18		
5628	7186	Bacillus	benzovorans	Bacteria	DSM 5391		DSM 5391, ATCC 49005, NCIB 12555,
5629	7187	Planococcus	citreus	Bacteria	JCM 2532		JCM 2532, DSM 20549, ATCC 14404, ,
5630	7188	Planococcus	maritimus	Bacteria	JCM 11543		JCM 11543, CIP 108219, KCCM 41587, ,
5631	7189	Bacillus	licheniformis	Bacteria	BD6AK		
5632	7190	Bacillus	cereus	Bacteria	Phy Pb		
5633	7191	Pseudomonas	sp.	Bacteria	BDB II		
5634	7192	Bacillus	megaterium	Bacteria	C -2		
5635	7193	Bacillus	subtilis	Bacteria	1		
5636	7194	Bacillus	circulans	Bacteria	2		
5637	7195	Pseudomonas	aeruginosa	Bacteria	3		
5638	7198	Pseudomonas	aeruginosa	Bacteria	25B		
5639	7199	Pseudomonas	aeruginosa	Bacteria	5Y2		
5640	7200	Pseudomonas	fluorescens	Bacteria	3(4sub)		
5641	7201	Alternaria	sp.	Fungi	A 16		
5642	7202	Alternaria	alternata	Fungi	Aa 24		
5643	7203	Alternaria	sp.	Fungi	A 13		
5644	7204	Memnoniella	levispora	Fungi	131.1.05.7		
5645	7205	Torula	herbarum var. quaternella	Fungi	133.1.05.7		
5646	7206	Periconia	byssoides	Fungi	101.1.05.1		
5647	7207	Eutypella	sp.	Fungi	155.1.05.4		
5648	7208	Diatrype	sp.	Fungi	156.1.05.4		
5649	7209	Hysterium	sp.	Fungi	149.1.05.4		
5650	7210	Peroneutypa	sp.	Fungi	151.1.05.4		
5651	7211	Eutypella	sp.	Fungi	152.1.05.4		
5652	7212	Penicillium	citrinum	Fungi	154.1.05.4		
5653	7213	Eutypella	sp.	Fungi	144.1.05.5		

5654	7214	Diatrype	sp.	Fungi	143.1.05.4		
5655	7215	Bipolaris	australiensis	Fungi			
5656	7216	Trichothecium	roseum	Fungi	153.1.05.4		
5657	7217	Cytospora	sp.	Fungi	122.1.05.1		
5658	7218	Trichoderma	longibrachiatum	Fungi	124.1.05.1		
5659	7219	Monodictys	putredinis	Fungi	146.1.05.5		
5660	7220	Diaporthe	sp.	Fungi	142.1.05.7		
5661	7221	Plurisperma	sp.	Fungi	139.1.05.7		
5662	7222	Simplicillium	sp.	Fungi	G14		
5663	7223	Eutypella	sp.	Fungi	165.1.05.4		
5664	7224	Hypoxylon	sp.	Fungi	163.1.05.4		
5665	7225	Pleurocytosporea	sp.	Fungi	162.1.05.4		
5666	7226	Phomopsis	sp.	Fungi	B20		
5667	7227	Cladosporium	sp.	Fungi	147.1.05		
5668	7228	Fusarium	decemcellulare	Fungi	G11		
5669	7229	Fusarium	oxysporum	Fungi	138a.1.05.5		
5670	7230	Aschersonia	sp.	Fungi	138b.1.05.5		
5671	7231	Corynascus	sepedonium	Fungi	K2		
5672	7232	Drechslera	sp.	Fungi	136.1.05.5		
5673	7233	Memnoniella	levispora	Fungi	137.1.05.5		
5674	7234	Virgaria	nigra	Fungi	160.1.05.4		
5675	7235	Aplosporella	beaumontiana	Fungi	157.1.05.4		
5676	7236	Simplicillium	sp.	Fungi	161.1.05.4		
5677	7237	Graphium	sp.	Fungi	158.1.05.4		
5678	7238	Periconia	cookei	Fungi	134.1.05.4		
5679	7239	Periconia	digitata	Fungi	148.1.05.4		
5680	7240	Fusarium	lateritium	Fungi	119a.1.05.1		
5681	7241	Tilachlidium	sp.	Fungi	119b.1.05.1		
5682	7242	Humicola	fuscoatra	Fungi	130a.1.05		
5683	7243	Phoma	tropica	Fungi	130c.1.05		
5684	7244	Arthrographis	sp.	Fungi	130b.1.05		
5685	7245	Chrysosporium	tropicum	Fungi	A1		
5686	7246	Chrysosporium	tropicum	Fungi	A3		
5687	7247	Microsporum	gypseum	Fungi	A4		
5688	7248	Chrysosporium	tropicum	Fungi	A2		
5689	7249	Chrysosporium	queenslandicum	Fungi	A5		
5690	7250	Trichophyton	sp.	Fungi	A7		
5691	7251	Planococcus	columbae	Bacteria	PgEx11		
5692	7253	Candida	albicans	Yeasts	B-10		
5693	7254	Arthrobacter	sp.	Actinomycetes	RNR-2		
5694	7255	Bacillus	coagulans	Bacteria	SB1		
5695	7256	Micrococcus	luteus	Actinomycetes	SB2		
5696	7258	Virgibacillus	pantothenticus	Bacteria	NG-1		
5697	7259	Burkholderia	pseudomallei	Bacteria	YL-1		
5698	7260	Pontibacter	roseus	Bacteria	SRC-1		DSM 17521, ,
5699	7261	Bacillus	clausii	Bacteria	DSM8716		
5700	7262	Bacillus	gibsonii	Bacteria	DSM8722		
5701	7263	Bacillus	alcalophilus	Bacteria	DSM485		

5702	7264	Pseudomonas	sp.	Bacteria	Strain A		
5703	7265	Pseudaminobacter	salicylatoxidans	Bacteria	KCT 001		
5704	7266	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001 Mutant(K02-1)		
5705	7267	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant(K02-2)		
5706	7268	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001(Mutant K02-4)		
5707	7269	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant(K02-5)		
5708	7270	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001(Mutant-K02-6)		
5709	7271	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant K02-7		
5710	7272	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant(K02-8)		
5711	7273	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant(K02-9)		
5712	7275	Pseudaminobacter	salicylatoxidans	Bacteria	KCT001Mutant(K02-11)		
5713	7277	Pseudomonas	aeruginosa	Bacteria	Bacterial Strain 2		
5714	7278	Bacillus	cereus	Bacteria	Bacterial Strain 3		
5715	7279	Methylobacterium	extorquens	Bacteria	DSM 1337		DSM 1337,ATCC 43645,NCIB 9399, ,
5716	7281	Methylobacterium	zatmanii	Bacteria	DSM 5688		DSM 5688,ATCC 43883,NCIMB 12243,JCM10892, ,
5717	7284	Bacillus	simplex	Bacteria	DSM 1321		DSM 1321,ATCC 49097, ,
5718	7285	Gelidibacter	mesophilus	Bacteria	DEM14094		DSM14094,CECT5104, ,
5719	7286	Viridibacillus	neidei	Bacteria	DSM 15031		DSM 15031,JCM 11077,NRRL BD-87, ,
5720	7287	Mycetocola	tolaasinivorans	Bacteria	DSM 15179		DSM 15179,NBRC 16277,NRRLB-24120,JCM1165, ,
5721	7288	Bacillus	muralis	Bacteria	DSM 16288		DSM 16288,LMG 22038, ,
5722	7289	Viridibacillus	arvi	Bacteria	DSM 16317		DSM 16317,LMG 22165, ,
5723	7290		arenosi	Bacteria	DSM 16319		DSM 16319,LMG 22166, ,
5724	7291	Microbacterium	imperiale	Actinomycetes	DSM 20530		DSM 20530,ATCC 8365,NCIB 9888, ,
5725	7292	Microbacterium	arborescens	Actinomycetes	DSM 20754		DSM 20754,ATCC 4358,NBRC 3750, ,
5726	7293	Halomonas	sp.	Bacteria	NIO12g		
5727	7294	Virgibacillus	halodenitrificans	Bacteria	NIO NT16		
5728	7295	Sphingobium	fuliginis	Bacteria	TKP		
5729	7296	Pseudomonas	aeruginosa	Bacteria	USS25W		
5730	7297	Deinococcus	mumbaiensis	Bacteria	U.K.		
5731	7298	Serratia	marcescens	Bacteria	SP110		
5732	7299	Proteus	vulgaris	Bacteria	SP111		
5733	7301	Pseudomonas	mendocina	Bacteria	SP128		
5734	7302	Streptomyces	aburaviensis	Actinomycetes	SSR-5		

5735	7304	Bacillus	aerophilus	Bacteria	28K		
5736	7306	Bacillus	altitudinis	Bacteria	41KF2b		
5737	7308	Aquabacterium	citratiphilum	Bacteria	DSM 11900		DSM 11900,CCM 4956, ,
5738	7309	Bacillus	bataviensis	Bacteria	DSM 15601		DSM 15601,CIP 108807,LMG 21833, ,
5739	7310	Bacillus	novalis	Bacteria	DSM 15603		DSM 15603,CIP 108805,LMG21837, ,
5740	7311	Aquabacterium	parvum	Bacteria	DSM 11968		DSM 11968,CCM 4958, ,
5741	7312	Rhodosporiidm	kratochvilovae	Yeasts	B1		
5742	7313	Kluyveromyces	marixianus var. marixianus	Yeasts	27-I		
5743	7314	Saccharomyopsis	fibuligera	Yeasts	8022		
5744	7315	Candida	albicans	Yeasts	Anee-Bee		
5745	7322	Enterobacter	cloacae	Bacteria	OO		
5746	7323	Enterobacter	cloacae	Bacteria	UU		
5747	7324	Enterobacter	aerogenes	Bacteria	DD		
5748	7325	Enterobacter	aerogenes	Bacteria	EE		
5749	7328	Streptomyces	aburaviensis	Actinomycetes	VB Cat A31.1		
5750	7329	Streptomyces	tanashiensis	Actinomycetes	VB Cat A39.6		
5751	7330	Streptomyces	nojiriensis	Actinomycetes	MM/AC/01		
5752	7331	Streptomyces	griseoluteus	Actinomycetes	MM/AC/02		
5753	7332	Streptomyces	somaliensis	Actinomycetes	MM/AC/03		
5754	7333	Streptomyces	sannanensis	Actinomycetes	MM/AC/05		
5755	7334	Streptomyces	psammoticus	Actinomycetes	NJP-49		
5756	7335	Streptomyces	caeruleus	Actinomycetes	A-36		
5757	7336	Streptomyces	fulvissimus	Actinomycetes	95k		
5758	7337	Leuconostoc	mesenteroides subsp.mesenteroides	Bacteria	DR€"1		
5759	7339	Burkholderia	gladioli	Bacteria	BAM-37		
5760	7346	Raoultella	terrigena	Bacteria	BAM-33		
5761	7348	Raoultella	terrigena	Bacteria	BAM-76		
5762	7350	Bacillus	cereus	Bacteria	BNJ-PKC-6		
5763	7351	Bacillus	cereus	Bacteria	BNJ-PKC-5		
5764	7352	Bacillus	subtilis	Bacteria	BNJ-PKC-3		
5765	7353	Alcaligenes	sp.	Bacteria	BNJ_PKC_1		
5766	7354	Penicillium	citrinum	Fungi			
5767	7355	Aspergillus	flavus	Fungi	BMF4		
5768	7356	Penicillium	purpurogenum	Fungi	NPMF		
5769	7357	Penicillium	decumbens	Fungi	BMF1		
5770	7358	Cladosporium	cladosporioides	Fungi	B6W22-I		
5771	7359	Cladosporium	cladosporioides	Fungi	B6W22-II		
5772	7360	Alternaria	sp.	Fungi	B8W22-I		
5773	7361	Hypoxyylon	sp.	Fungi	104		
5774	7362	Arthrinium	sacchari	Fungi	106		
5775	7363	Scolecosporiidm	sp.	Fungi	107		
5776	7364	Clonostachys	sp.	Fungi	102		

5777	7365	Sphaeropsis	sp.	Fungi	113		
5778	7366	Fusarium	lateritium	Fungi	115		
5779	7367	Fusarium	lateritium	Fungi	116		
5780	7368	Simplicillium	obclavatum	Fungi	105		
5781	7369	Aspergillus	flavus	Fungi	F1		
5782	7370	Rhizopus	stolonifer var. stolonifer	Fungi	FP		
5783	7371	Cladosporium	cladosporioides	Fungi	SR-68		
5784	7372	Stilbella	sp.	Fungi	118		
5785	7373	Graphium	sp.	Fungi	103		
5786	7374	Absidia	cyliandrospora	Fungi	\\'A\\'		
5787	7375	Fusarium	sp.	Fungi	122		
5788	7376	Graphium	sp.	Fungi	109		
5789	7377	Didymosphaeria	sp.	Fungi	119a		
5790	7378	Rhizomucor	pusillus	Fungi	K1		
5791	7379	Gliocladium	penicillioides	Fungi	119b		
5792	7380	Pestalotiopsis	menezesiana	Fungi	1		
5793	7381	Lasiodiplodia	theobromae	Fungi	2		
5794	7382	Mucor	racemosus var.racemosus	Fungi	MR13107		
5795	7383	Aspergillus	awamori	Fungi	RSP63		
5796	7384	Valsa	sp.	Fungi	126		
5797	7385	Diatrypella	sp.	Fungi	130		
5798	7386	Valsa	sp.	Fungi	135a		
5799	7387	Bipolaris	australiensis	Fungi	132a		
5800	7388	Pseudoseptoria	sp.	Fungi	120b		
5801	7389	Diaporthe	sp.	Fungi	128		
5802	7390	Leptospora	sp.	Fungi	129		
5803	7391	Aspergillus	fumigatus	Fungi	7		
5804	7392	Fusarium	oxysporum	Fungi	9.1		
5805	7393	Cytospora	sp.	Fungi	135b		
5806	7394	Valsa	sp.	Fungi	1.8.10.05		
5807	7395	Diatrype	sp.	Fungi	2.8.10.05		
5808	7396	Cytospora	sp.	Fungi	3.8.10.05		
5809	7397	Valsella	sp.	Fungi	4.8.10.05		
5810	7398	Hypoxyton	sp.	Fungi	10.8.10.05		
5811	7399	Trichoderma	sp.	Fungi	11.8.10.05		
5812	7400	Eutypella	sp.	Fungi	14.8.10.05		
5813	7401	Bacillus	sp.	Bacteria	RH-101		
5814	7403	Achromobacter	denitrificans:	Bacteria	WSD		
5815	7406	Agrobacterium	tumefaciens	Bacteria	RBB-25		
5816	7407	Klebsiella	pneumoniae	Bacteria	RBB30		
5817	7408	Enterobacter	cloacae	Bacteria	CC		
5818	7409	Bacillus	cereus	Bacteria	MS-1		
5819	7410	Escherichia	coli	Bacteria	AS		
5820	7411	Bacillus	pumilus	Bacteria	BO1		
5821	7414	Bacillus	subtilis	Bacteria	ASH		
5822	7415	Bacillus	subtilis	Bacteria	R&D/AD-1		
5823	7417	Bacillus	cereus	Bacteria	BNJ-PKC-7		
5824	7418	Ochrobactrum	sp.	Bacteria	BNJ-PKC-9		

5825	7419	Bacillus	subtilis	Bacteria	BNJ-PKC-12		
5826	7420	Bacillus	pumilus	Bacteria	BNJ-PKC-14		
5827	7421	Bacillus	pumilus	Bacteria	BNJ-PKC-15		
5828	7422	Bacillus	pumilus	Bacteria	BNJ-PKC-17		
5829	7423	Bacillus	pumilus	Bacteria	BNJ-PKC-18		
5830	7424	Bacillus	subtilis	Bacteria	BNJ-PKC-24		
5831	7425	Bacillus	licheniformis	Bacteria	BNJ-PKC-22		
5832	7426	Bacillus	licheniformis	Bacteria	BNJ-PKC-20		
5833	7427	Bacillus	licheniformis	Bacteria	BNJ-PKC-23		
5834	7428	Bacillus	licheniformis	Bacteria	BNJ-PKC-21		
5835	7429	Bacillus	coagulans	Bacteria	Isolate-1		
5836	7430	Serratia	fonticola	Bacteria	BGCC#2		
5837	7431	Stenotrophomonas	maltophilia	Bacteria	BNJ_PKC_16 (Drench 30C)		
5838	7433	Bacillus	sp.	Bacteria	XL-4		
5839	7436	Pseudomonas	aeruginosa	Bacteria	UASB B-8		
5840	7438	Bacillus	firmus	Bacteria	B1		
5841	7441	Staphylococcus	xylosus	Bacteria	ALP-1		
5842	7442	Pediococcus	acidilactici	Bacteria	KCP01		
5843	7443	Staphylococcus	aureus	Bacteria	AK2		
5844	7445	Bacillus	licheniformis	Bacteria	P-2		
5845	7446	Geobacillus	thermoglucosidasius	Bacteria	PPK2		
5846	7447	Streptomyces	griseoalbus	Actinomycetes	AGP 42		
5847	7448	Streptomyces	misakiensis	Actinomycetes	AGP 47		
5848	7449	Serratia	rubidaea	Bacteria	Pp		
5849	7450	Cellulomonas	flavigena	Bacteria	UnP		
5850	7451	Clostridium	schirmacherense	Bacteria	AP15		
5851	7453	Pseudomonas	aeruginosa	Bacteria	9		
5852	7454	Pseudomonas	aeruginosa	Bacteria	10		
5853	7457	Bacillus	sp.	Bacteria	BISR 111		
5854	7458	Bacillus	sp.	Bacteria	BISR 112		
5855	7459	Bacillus	circulans	Bacteria	BISR 116		
5856	7460	Cytospora	sp.	Fungi	20.5.10.05		
5857	7461	Diatrype	sp.	Fungi	19.5.10.05		
5858	7462	Trichoderma	sp.	Fungi	16.8.10.05		
5859	7463	Valsa	sp.	Fungi	23.5.10.05		
5860	7464	Diaporthe	sp.	Fungi	24.8.10.05		
5861	7465	Diaporthe	sp.	Fungi	31.8.10.05		
5862	7466	Diatrypella	sp.	Fungi	32.8.10.05		
5863	7467	Trichoderma	sp.	Fungi	29.8.10.05		
5864	7468	Aspergillus	sydowii	Fungi	F45		
5865	7469	Monodictys	putredinis	Fungi	12.8.10.05		
5866	7470	Fusarium	lateritium	Fungi	124b		
5867	7471	Leptosphaeria	sp.	Fungi	131		
5868	7472	Trichoderma	harzianum	Fungi	SC1A		
5869	7473	Dinemasporium	strigosum	Fungi	9.7.10.05		
5870	7474	Trichoderma	harzianum	Fungi	SGP		
5871	7475	Lecanicillium	muscarium	Fungi	7.8.10.05		
5872	7476	Aspergillus	ochraceus	Fungi	NBRIHA7		

5873	7477	Trichoderma	harzianum	Fungi	Th2	
5874	7478	Peroneutypa	sp.	Fungi	31.10.10.05	
5875	7479	Peroneutypa	sp.	Fungi	36.10.10.05	
5876	7480	Hypoxylon	sp.	Fungi	40.10.10.05	
5877	7481	Diatrypella	sp.	Fungi	44.3.10.05	
5878	7482	Eutypella	sp.	Fungi	45.3.10.05	
5879	7483	Valsa	sp.	Fungi	47.3.10.05	
5880	7484	Diatrype	sp.	Fungi	52.3.10.05	
5881	7485	Cytospora	sp.	Fungi	73.3.10.05	
5882	7486	Diatrype	sp.	Fungi	67.3.10.05	
5883	7487	Diatrype	sp.	Fungi	71.3.10.05	
5884	7488	Diatrype	sp.	Fungi	72.3.10.05	
5885	7489	Valsa	sp.	Fungi	74.3.10.05	
5886	7490	Diatrypella	sp.	Fungi	70.3.10.05	
5887	7491	Valsa	sp.	Fungi	63.3.10.05	
5888	7492	Eutypa	sp.	Fungi	68.3.10.05	
5889	7493	Diatrype	sp.	Fungi	64.3.10.05	
5890	7494	Valsa	sp.	Fungi	61.3.10.05	
5891	7495	Myrothecium	cinctum	Fungi	6.8.10.05	
5892	7496	Eutypella	sp.	Fungi	84.4.10.05	
5893	7497	Diatrype	sp.	Fungi	91.4.10.05	
5894	7498	Periconia	britannica	Fungi	18.5.10.05	
5895	7499	Diaporthe	sp.	Fungi	104.4.10.05	
5896	7500	Diaporthe	sp.	Fungi	102.4.10.05	
5897	7501	Streptomyces	purpureus	Actinomycetes	NCP1	
5898	7502	Streptomyces	clavifer	Actinomycetes	NCP2	
5899	7503	Streptomyces	erythrogriseus	Bacteria	RBB 53	
5900	7504	Flavobacterium	multivorum	Bacteria	No.1	
5901	7505	Streptomyces	lydicus	Actinomycetes	NCP58	
5902	7506	Dietzia	cinnamea	Actinomycetes	DSM 44904	DSM 44904, ,
5903	7507	Microbacterium	ulmi	Actinomycetes	DSM 16931	DSM 16931,CECT 5976,LMG 20991, ,
5904	7508	Bacillus	nealsonii	Bacteria	DSM 15077	DSM 15077,ATCC BAA-519, ,
5905	7509	Sphingopyxis	alaskensis	Bacteria	DSM 13593	DSM 13593,LMG 18877, ,
5906	7510	Caulobacter	crescentus	Bacteria	DSM 4727	DSM 4727,ATCC 15252, ,
5907	7511	Sporidiobolus	metaroseus	Yeasts	P-1	
5908	7512	Cryptococcus	albidus var.albidus	Yeasts	UASB B-7	
5909	7513	Cryptococcus	albidus var.albidus	Yeasts	GSP 101	
5910	7514	Bacillus	pumilus	Bacteria	MKG-1	
5911	7516	Arthrobacter	histidinolovorans	Actinomycetes	SPG-2	
5912	7517	Acinetobacter	radioresistens	Bacteria	Vc2a	
5913	7519	Brevibacillus	brevis	Bacteria	BTS-17	
5914	7520	Bacillus	sp.	Bacteria	BAP11	
5915	7523	Pseudomonas	aeruginosa	Bacteria	S-1	
5916	7524	Bacillus	cereus	Bacteria	S-3	
5917	7525	Pseudomonas	putida	Bacteria	LAC-4	

5918	7527	Micrococcus	sp.	Actinomycetes	LAC-5		
5919	7528	Stenotrophomonas	maltophilia	Bacteria	GP-3		
5920	7529	Curtobacterium	luteum	Bacteria	GP-1		
5921	7530	Microbacterium	phyllosphaerae	Actinomycetes	CL-1		
5922	7531	Bacillus	firmus	Bacteria	STRAIN A		
5923	7532	Paenibacillus	macerans	Bacteria	STRAIN-B		
5924	7533	Bacillus	sp.	Bacteria	GPTSA8		
5925	7534	Bacillus	sp.	Bacteria	GPTSA27		
5926	7535	Cytophaga	hutchinsonii	Bacteria			
5927	7536	Xanthophyllomyces	dendrorhous	Yeasts	DSM 5626		DSM 5626 ATCC 24202, CBS5905, JCM9042, IFO, NCYC, NRRLY-10921,
5928	7538	Bacillus	mycoides	Bacteria	whayAI		
5929	7539	Brevibacillus	brevis	Bacteria	variAI		
5930	7540	Bacillus	sp.	Bacteria	APB-6		
5931	7541	Streptomyces	caeruleus	Actinomycetes	CKM-5		
5932	7542	Bacillus	sphaericus	Bacteria	BTS-15		
5933	7543	Bacillus	coagulans	Bacteria	R&D/HT-3		
5934	7551	Cellulomonas	hominis	Bacteria	BM6		
5935	7553	Pseudomonas	otidis	Bacteria	BM1		
5936	7554	Rhizobium	radiobacter	Bacteria	C-2		
5937	7555	Diatrype	sp.	Fungi	105.4.10.05		
5938	7556	Diaporthe	sp.	Fungi	95.2.10.05		
5939	7557	Valsella	sp.	Fungi	96.2.10.05		
5940	7558	Diatrype	sp.	Fungi	99.4.10.05		
5941	7559	Cytospora	sp.	Fungi	56.3.10.05		
5942	7560	Cytospora	sp.	Fungi	55.3.10.05		
5943	7561	Cytospora	sp.	Fungi	58.3.10.05		
5944	7562	Valsa	sp.	Fungi	57.3.10.05		
5945	7563	Nectria	sp.	Fungi	60.3.10.05		
5946	7564	Periconia	britannica	Fungi	15.8.10.05		
5947	7565	Fusicoccum	aesculi	Fungi	27.8.10.05		
5948	7566	Leptosphaeria	sp.	Fungi	21.8.10.05		
5949	7567	Didymosphaeria	sp.	Fungi	22.5.10.05		
5950	7568	Ceratocladium	microspermum	Fungi	25.8.10.05		
5951	7569	Periconia	minutissima	Fungi	26.8.10.05		
5952	7570	Rhizomucor	pusillus	Fungi	IGKV-OMF-7		
5953	7571	Phomopsis	sp.	Fungi	TSM-01		
5954	7572	Phomopsis	sp.	Fungi	TSM-08		
5955	7573	Torula	herbarum	Fungi	33.10.10.05		
5956	7574	Periconia	cookei	Fungi	34.10.10.05		
5957	7575	Arthrinium	phaeospermum	Fungi	35.10.10.05		
5958	7576	Cladosporium	cladosporioides	Fungi	38.10.10.05		
5959	7577	Valsella	sp.	Fungi	39.10.10.05		
5960	7578	Bispora	antennata	Fungi	42.3.10.05		
5961	7579	Trichoderma	harzianum	Fungi	XA3		
5962	7580	Phomopsis	sp.	Fungi	TSM-05		
5963	7581	Simplicillium	sp.	Fungi			
5964	7582	Talaromyces	assiutensis	Fungi	CKM9		

5965	7583	Aspergillus	versicolor	Fungi	F1		
5966	7584	Eurotium	chevalieri	Fungi			
5967	7585	Aspergillus	brunneouniseri atus	Fungi			
5968	7586	Torula	herbarum	Fungi	49.3.10.05		
5969	7587	Fusarium	nivale	Fungi	BIW22		
5970	7588	Aspergillus	terricola	Fungi	D7		
5971	7589	Aspergillus	flavus	Fungi	2		
5972	7590	Aspergillus	aculeatus	Fungi	3		
5973	7591	Aspergillus	ficuum	Fungi	D3		
5974	7592	Aspergillus	parasiticus	Fungi	YBF		
5975	7593	Aspergillus	fumigatus	Fungi	ANF		
5976	7594	Aspergillus	fumigatus	Fungi	PFA		
5977	7595	Hirsutella	sp.	Fungi	3		
5978	7596	Penicillium	citrinum	Fungi	SBSA.28		
5979	7597	Arthrinium	sacchari	Fungi	86.4.10.05		
5980	7598	Aspergillus	fumigatus	Fungi	AMA		
5981	7599	Aspergillus	foetidus	Fungi			
5982	7600	Aspergillus	terreus	Fungi	AN1		
5983	7601	Pseudomonas	delhiensis	Bacteria	RLD-1		
5984	7602	Pseudomonas	aeruginosa	Bacteria	Ph 3		
5985	7603	Cohnella	sp.	Bacteria	Strain T		
5986	7604	Paenisporosarc ina	quisquiliarum	Bacteria	SK55		
5987	7608	Streptomyces	fungicidicus	Actinomycetes	GSP0035		
5988	7611	Bacillus	subtilis	Bacteria	AY		
5989	7612	Bacillus	subtilis	Bacteria	CD7A		
5990	7613	Azomonas	macrocytogene s	Bacteria	HM1		
5991	7614	Bacillus	pumilus	Bacteria	2w		
5992	7615	Bacillus	pumilus	Bacteria	Strain 20		
5993	7616	Pseudomonas	aeruginosa	Bacteria	BS-2		
5994	7618	Pseudomonas	rubrilineans	Bacteria	PR		
5995	7619	Bacillus	pumilus	Bacteria	MI		
5996	7620	Pseudomonas	syringae	Bacteria	LA		
5997	7621	Pseudomonas	syringae1	Bacteria	Vs		
5998	7622	Stenotrophomo nas	maltophila	Bacteria	MA		
5999	7629	Candida	sp.	Yeasts	YS-12		
6000	7630	Candida	sp.	Yeasts	YS-43		

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
6001	7631	Clavispora	sp.	Yeasts	YS-60		
6002	7632	Trichosporon	asteroides	Yeasts	RL		
6003	7640	Bacillus	sp.	Bacteria	H.S€"1		
6004	7641	Serratia	marcescens	Bacteria	sm5/eg13/27894		
6005	7642	Serratia	marcescens	Bacteria	sm13eg393733wgu		
6006	7646	Streptomyces	sannanensi	Actinomycetes	D		
6007	7658	Bacillus	pumilus	Bacteria	2B13.1		
6008	7659	Bacillus	smithii	Bacteria	2B25.1		
6009	7660	Paenibacillus	larvae	Bacteria	2BXY3		
6010	7661	Enterobacter	aerogenes	Bacteria	NBR1H3		
6011	7665	Bacillus	smithii	Bacteria	Culture-1		
6012	7666	Bacillus	ehimensis	Bacteria	Culture-2		
6013	7667	Bacillus	circulans	Bacteria	390HSL		
6014	7671	Myceliophthora	fergusii	Fungi	T41		
6015	7672	Aspergillus	carneus	Fungi	RSP12		
6016	7673	Cytonaema	sp.	Fungi	51.3.10.05		
6017	7674	Aspergillus	ochraceus	Fungi	RSP21		
6018	7675	Microsporum	gypseum	Fungi	A1		
6019	7676	Chrysosporium	indicum	Fungi	A3		
6020	7677	Fusarium	oxysporum	Fungi	AISFO-IHBT		
6021	7678	Fusarium	oxysporum	Fungi	AISFU-IHBT		
6022	7679	Trichoderma	harzianum	Fungi	S17TH		
6023	7680	Malbranchea	sp.	Fungi	BR		
6024	7681	Torula	herbarum	Fungi	80.9.10.05		
6025	7682	Pleospora	sp.	Fungi	77.9.10.05		
6026	7683	Cladosporium	cladosporioides	Fungi	76.9.10.05		
6027	7684	Microsporum	fulvum	Fungi	1		
6028	7685	Microsporum	fulvum	Fungi	5		
6029	7686	Microsporum	canis	Fungi	4		
6030	7687	Trichophyton	mentagrophytes	Fungi			
6031	7688	Paecilomyces	variotii	Fungi	TH1		
6032	7689	Beauveria	bassiana	Fungi	TP4		
6033	7690	Beauveria	bassiana	Fungi	BB2		
6034	7691	Aspergillus	sp.	Fungi	WMuBT1		
6035	7692	Valsa	sp.	Fungi	124.1.10.05		
6036	7693	Cytospora	sp.	Fungi	123.1.10.05		
6037	7694	Cytospora	sp.	Fungi	126.1.10.05		
6038	7695	Valsa	sp.	Fungi	127.1.10.05		
6039	7696	Disporotrichum	sp.	Fungi	82.4.10.05		
6040	7697	Trichophyton	ajelloi	Fungi			
6041	7698	Chrysosporium	tropicum	Fungi			
6042	7699	Botryodiplodia	sp.	Fungi	151.1.10.05		
6043	7700	Cytospora	sp.	Fungi	152.1.10.05		
6044	7701	Cladosporium	cladosporioides	Fungi	154.1.10.05		
6045	7702	Diatrypella	sp.	Fungi	147.1.10.05		
6046	7703	Diatrypella	sp.	Fungi	145.1.10.05		
6047	7704	Eutypella	sp.	Fungi	150.2.10.05		

6048	7705	Endothiella	sp.	Fungi	149.2.10.05		
6049	7706	Xylaria	sp.	Fungi	141.1.10.05		
6050	7707	Valsella	sp.	Fungi	142.1.10.05		
6051	7708	Sporidesmium	sp.	Fungi	143.1.10.05		
6052	7709	Phoma	sp.	Fungi	144.1.10.05		
6053	7710	Valsella	sp.	Fungi	133.1.10.05		
6054	7711	Aspergillus	awamori	Fungi	FCUS-032MB		
6055	7712	Diaporthe	sp.	Fungi	137.1.10.05		
6056	7713	Eutypella	sp.	Fungi	136.1.10.05		
6057	7714	Teratosphaeria	sp.	Fungi	138.1.10.05		
6058	7715	Cytonaema	sp.	Fungi	135.1.10.05		
6059	7716	Epithyrium	sp.	Fungi	130.1.10.05		
6060	7717	Didymosphaeria	sp.	Fungi	153.1.10.05		
6061	7718	Cytospora	sp.	Fungi	132.1.10.05		
6062	7719	Torula	herbarum var.quaternella	Fungi	128.1.10.05		
6063	7720	Cokeromyces	sp.	Fungi	122.1.10.05		
6064	7721	Kocuria	sp.	Actinomycetes	RMI3Y		
6065	7722	Kocuria	sp.	Actinomycetes	RMI		
6066	7723	Rhizobium	radiobacter	Bacteria	BRS-1		
6067	7724	Enterobacter	cloacae sub sp. cloacae	Bacteria	BRS-2		
6068	7725	Aeromonas	caviae	Bacteria	GNA		
6069	7726	Azohydromonas	lata	Bacteria	GRS		
6070	7727	Bacillus	badius	Bacteria	A		
6071	7728	Bacillus	firmus	Bacteria	B		
6072	7729	Serratia	marcescens	Bacteria	RBC		
6073	7730	Oceanimonas	doudoroffii	Bacteria	F		
6074	7731	Alcaligenes	faecalis	Bacteria	CKM-8		
6075	7732	Pseudomonas	aeruginosa	Bacteria	MPK13		
6076	7733	Alcaligenes	sp.	Bacteria	E-8		
6077	7735	Micrococcus	sp.	Actinomycetes	B5W 22-1		
6078	7736	Streptomyces	sp.	Actinomycetes	B5W 22-2		
6079	7737	Candida	restingae	Yeasts	9F2		
6080	7738	Candida	sp.	Yeasts	2G3		
6081	7739	Candida	sp.	Yeasts	RTF-1601		
6082	7740	Candida	sp.	Yeasts	1603		
6083	7741	Kodamaea	ohmeri	Yeasts	7Br2		
6084	7742	Cryptococcus	diffluens	Yeasts	RBF-2B2		
6085	7743	Clavispora	lusitaniae	Yeasts	Rsf-1Br6		
6086	7744	Kodamaea	ohmeri	Yeasts	9C1		
6087	7745	Candida	tolerans	Yeasts	UWO (PS) 98-117.5		CBS 8613, ,
6088	7746	Wickerhamiella	australiensis	Yeasts	UWO (PS) 95.631.3		CBS 8457, ,
6089	7755	Bacillus	sp.	Bacteria	B8W-22		
6090	7756	Exiguobacterium	sp.	Bacteria	HHS31		
6091	7757	Exiguobacterium	sp.	Bacteria	KRPC6b]		
6092	7758	Planococcus	sp.	Bacteria	KRPC10Y		
6093	7761	Serratia	mercesens	Bacteria	BAM-8		

6094	7762	<i>Pseudomonas</i>	<i>aeruginosa</i>	Bacteria	BAM-13		
6095	7763	<i>Pseudomonas</i>	<i>aeruginosa</i>	Bacteria	BAM-15		
6096	7764	<i>Brevibacterium</i>	<i>paucivorans</i>	Bacteria	BAM-47		
6097	7765	<i>Flavobacterium</i>	<i>tegetincola</i>	Bacteria	S1		
6098	7766	<i>Sphingomonas</i>	<i>terrae</i>	Bacteria	S2		
6099	7767	<i>Desulfotomaculum</i>	<i>sp.</i>	Bacteria	A5LFS 102		
6100	7768	<i>Pseudomonas</i>	<i>putida</i>	Bacteria	SMP2		
6101	7769	<i>Pseudomonas</i>	<i>putida</i>	Bacteria	SMP6		
6102	7770	<i>Flavobacterium</i>	<i>sp.</i>	Bacteria	SMP9		
6103	7772	<i>Cellulosimicrobium</i>	<i>cellulans</i>	Bacteria	2 UHF		
6104	7773	<i>Cellulosimicrobium</i>	<i>cellulans</i>	Bacteria	5 UHF		
6105	7774	<i>Cellulosimicrobium</i>	<i>cellulans</i>	Bacteria	7 UHF		
6106	7775	<i>Curtobacterium</i>	<i>pusillum</i>	Bacteria	SK-35		
6107	7776	<i>Cellulomonas</i>	<i>hominis</i>	Bacteria	KCH5		
6108	7777	<i>Virgibacillus</i>	<i>pantothenticus</i>	Bacteria	RE1		
6109	7780	<i>Wickerhamiella</i>	<i>occidentalis</i>	Yeasts	UWO (PS) 91.698.4		CBS 8452, ,
6110	7781	<i>Candida</i>	<i>drosophilae</i>	Yeasts	UWO (PS) 91.716.3		CBS 8459, ,
6111	7782	<i>Wickerhamiella</i>	<i>australiensis</i>	Yeasts	UWO (PS) 95.604.3		CBS 4887, ,
6112	7783	<i>Kodamaea</i>	<i>kakaduensis</i>	Yeasts	UWO (PS) 98.117.1		CBS 8612, ,
6113	7784	<i>Wickerhamiella</i>	<i>lipophila</i>	Yeasts	UWO (PS) 91.681.3		CBS 8458, ,
6114	7785	<i>Wickerhamiella</i>	<i>lipophila</i>	Yeasts	UWO (PS) 00-340.1		CBS 8812, ,
6115	7786	<i>Kodamaea</i>	<i>anthophila</i>	Yeasts	UWO (PS) 91-893.2		CBS 8495, UFMG 91-893.2, ,
6116	7787	<i>Kodamaea</i>	<i>anthophila</i>	Yeasts	UWO (PS) 95-602.1		CBS 8494, UFMG 95-602.1, ,
6117	7788	<i>Kodamaea</i>	<i>kakaduensis</i>	Yeasts	UWO (PS) 98-119.2		CBS 8611, ,
6118	7789	<i>Kodamaea</i>	<i>ohmeri</i>	Yeasts	NRRL Y-1932		ATCC 46053, CBS 5367, CCRC 22178, FMJ 9065, IFO 1271, VKM Y-1255,
6119	7790	<i>Trichomonascus</i>	<i>petasosporus</i>	Yeasts	NRRL YB-2092		CBS 9602, ,
6120	7793	<i>Zygosaccharomyces</i>	<i>kombuchaensis</i>	Yeasts	NRRL YB-481		CBS 8849, ,
6121	7794	<i>Symptodiomyces</i>	<i>indianaensis</i>	Yeasts	NRRL YB-1950		CBS 9600, ,
6122	7796	<i>Starmerella</i>	<i>bombicola</i>	Yeasts	NRRL Y-17069		ATCC22214, CBS6009, CCRC21323, DB VPG, 6870, IFO10243, JCM9596, NRIC1806, Spencer PRL 319-67
6123	7797	<i>Trichomonascus</i>	<i>petasosporus</i>	Yeasts	NRRL YB-2093		CBS 9608, ,
6124	7798	<i>Candida</i>	<i>cidri</i>	Yeasts	NRRL Y-27078		CBS 4241, ,
6125	7799	<i>Candida</i>	<i>anglica</i>	Yeasts	NRRL Y-27079		NRRL Y-27079, CBS4262, NCYC 3097, ,
6126	7800	<i>Metschnikowia</i>	<i>fructicola</i>	Yeasts	NRRL Y-27328		NRRL Y-27328, CBS 8853, ,
6127	7801	<i>Brettanomyces</i>	<i>claussenii</i>	Yeasts	JB2		
6128	7802	<i>Actinomyces</i>	<i>pseudofradiae</i>	Actinomycetes			

6129	7803	Exiguobacterium	sp.	Bacteria	SKPB5		
6130	7804	Acinetobacter	haemolyticus	Bacteria	RD1		
6131	7805	Raoultella	terrigena	Bacteria	RD4		
6132	7806	Micrococcus	sp.	Actinomycetes	STRAIN-1		
6133	7807	Bacillus	pantothenicus	Bacteria	STRAIN - 2		
6134	7808	Bacillus	circulans	Bacteria	STRAIN - 3		
6135	7809	Bacillus	pantothenicus	Bacteria	STRAIN-5		
6136	7810	Paenibacillus	glucanolyticus	Bacteria			
6137	7811	Ochrobactrum	intermedium	Bacteria	2B.18.2		
6138	7812	Pseudomonas	aeruginosa	Bacteria	G#207		
6139	7814	Pseudomonas	aeruginosa	Bacteria	PW1		
6140	7815	Pseudomonas	aeruginosa	Bacteria	G#85		
6141	7816	Pseudomonas	aeruginosa	Bacteria	3		
6142	7817	Pseudomonas	putida	Bacteria	JMJ		
6143	7818	Bacillus	pumilus	Bacteria	SVA		
6144	7820	Deinococcus	butchi	Bacteria	G8		
6145	7821	Paracoccus	thiocyanatus	Bacteria	SST=LMG22699		
6146	7822	Brevibacillus	brevis	Bacteria	SV-B		
6147	7823	Jeotgalibacillus	marinus	Bacteria	SV-C		
6148	7824	Kurthia	sp.	Bacteria	RU9		
6149	7826	Streptomyces	sp.	Bacteria	ANP(G)		
6150	7829	Arthrobacter	sp.	Actinomycetes	ANP(S)-2		
6151	7834	Streptomyces	caeruleus	Actinomycetes	A-2		
6152	7835	Brochothrix	campestris	Bacteria	3		
6153	7836	Microbacterium	terrae	Actinomycetes	21		
6154	7837	Pseudomonas	aeruginosa	Bacteria	43		
6155	7838	Microbacterium	barkeri	Actinomycetes	74		
6156	7840	Saccharomyces	cerevisiae	Yeasts	Y1		
6157	7841	Cryptococcus	sp.	Yeasts	Y2		
6158	7842	Torulasporea	delbrueckii	Yeasts	Y3		
6159	7843	Debaryomyces	sp.	Yeasts	Y5		
6160	7844	Candida	sp.	Yeasts	2B3		
6161	7845	Debaryomyces	singareniensis	Yeasts	AP-19-6		
6162	7846	Candida	sp.	Yeasts	2G4		
6163	7847	Cryptococcus	rajasthanensis	Yeasts	3C1		
6164	7848	Starmerella	sp.	Yeasts	16S1		
6165	7849	Sporidesmium	sp.	Fungi	121.1.10.05		
6166	7850	Leptosphaeria	sp.	Fungi	113.2.10.05		
6167	7851	Nectria	sp.	Fungi	116.4.10.05		
6168	7852	Triblidaria	sp.	Fungi	117.1.10.05		
6169	7853	Torula	herbarum var.quaternella	Fungi	103.4.10.05		
6170	7854	Diaporthe	sp.	Fungi	107.2.10.05		
6171	7855	Capronia	sp.	Fungi	111.2.10.05		
6172	7856	Corynespora	sp.	Fungi	112.2.10.05		
6173	7857	Geotrichum	silvicola	Fungi			
6174	7858	Arthrimum	sacchari	Fungi	118.2.10.05		
6175	7859	Trichophyton	rubrum	Fungi	1		
6176	7860	Chrysosporium	queenslandicu	Fungi	3		

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6177	7861	Polyscytalum	berkeleyi	Fungi	120.1.10.05		
6178	7862	Arthrinium	phaeospermum	Fungi	93.4.10.05		
6179	7863	Iyengarina	elegans	Fungi	94.4.10.05		
6180	7864	Xylaria	sp.	Fungi	89.4.10.05		
6181	7865	Melomastia	sp.	Fungi	106.4.10.05		
6182	7866	Corynespora	sp.	Fungi	155.1.10.05		
6183	7867	Hypoxylon	sp.	Fungi	100.4.10.05		
6184	7868	Leptosphaeria	sp.	Fungi	98.2.10.05		
6185	7869	Corynespora	sp.	Fungi	101.4.10.05		
6186	7870	Pestalotiopsis	sp.	Fungi	139.1.10.05		
6187	7871	Rhizomucor	pusillus	Fungi	112.2.10.05		
6188	7872	Phoma	tropica	Fungi			
6189	7873	Aspergillus	ochraceus	Fungi	88a.4.10.05		
6190	7874	Ptychogaster	sp.	Fungi	90.4.10.05		
6191	7875	Trichobotrys	effusa	Fungi	92.4.10.05		
6192	7876	Cytospora	sp.	Fungi	69.3.10.05		
6193	7877	Arthrinium	saccharicola	Fungi	81.4.10.05		
6194	7878	Nectria	sp.	Fungi	85.4.10.05		
6195	7879	Microsporium	gypseum	Fungi	2		
6196	7880	Epidermophyton	floccosum	Fungi	3		
6197	7881	Dothidea	sp.	Fungi	54.3.10.05		
6198	7882	Anisostromula	sp.	Fungi	50.3.10.05		
6199	7883	Chrysosporium	sp.	Fungi			
6200	7884	Ptychogaster	sp.	Fungi	88b.4.10.05		
6201	7885	Malbranchea	chrysosporioides	Fungi			
6202	7886	Simplicillium	sp.	Fungi	87.4.10.05		
6203	7887	Curvularia	prasadii	Fungi	66b.3.10.05		
6204	7888	Humicola	sp.	Fungi	83.4.10.05		
6205	7889	Alternaria	sp.	Fungi	4		
6206	7890	Alternaria	sp.	Fungi	5		
6207	7891	Eutypa	sp.	Fungi	163.15.06		
6208	7892	Diatrype	sp.	Fungi	163.14.06		
6209	7893	Diaporthe	sp.	Fungi	169.23.06		
6210	7894	Eutypa	sp.	Fungi	159.8.06		
6211	7895	Dothiora	sp.	Fungi	53.3.06		
6212	7896	Dendriphiopsis	sp.	Fungi	156.1.06		
6213	7897	Phomopsis	sp.	Fungi	156.3.06		
6214	7898	Phomopsis	.	Fungi	156.4.06		
6215	7899	Clonostachys	compactiuscula	Fungi	168.22.06		
6216	7900	Verticillium	albo-atrum	Fungi	162.13.06		
6217	7902	Bacillus	sp.	Bacteria	BBW22		
6218	7903	Pseudomonas	aeruginosa	Bacteria	PfD1		
6219	7904	Pseudomonas	aeruginosa	Bacteria	M7		
6220	7905	Rhodococcus	erythropolis	Bacteria	330		
6221	7909	Rahnella	aquatilis	Bacteria	NBR1H-1		
6222	7910	Bacillus	simplex	Bacteria	Culture-1		
6223	7911	Bacillus	firmus	Bacteria	Culture-2		
6224	7913	Bacillus	alcalophilus	Bacteria	DSM 485		

6225	7914	Bacillus	clausii	Bacteria	DSM 8716, ATCC 700160, CIP 104718, NCIB 10309		
6226	7915	Bacillus	oshimensis	Bacteria	JCM 12663, NCIMB14023		
6227	7916	Bacillus	pantothenticus	Bacteria	DSM 16117, ATCCBAA 965, CIP 108678		
6228	7917	Bacillus	gibsonii	Bacteria	DSM 8722, ATCC700164, CIP 104720		
6229	7919	Staphylococcus	epidermidis	Bacteria	ST-2		
6230	7920	Bacillus	licheniformis	Bacteria	ST-4		
6231	7921	Aeromonas	sp.	Bacteria	ST-5		
6232	7922	Aquabacterium	sp.	Bacteria	GPTSA100-18		
6233	7923	Aquabacterium	sp.	Bacteria	GPTSA 16T		
6234	7924	Paenibacillus	motobuensis	Bacteria			
6235	7925	Pseudomonas	aeruginosa	Bacteria	AKS 1		
6236	7926	Pseudomonas	aeruginosa	Bacteria	UD5		
6237	7927	Bacillus	firmus	Bacteria	KJ1		
6238	7928	Serratia	mercescens	Bacteria	T 61		
6239	7929	Aeribacillus	pallidus	Bacteria	T73		
6240	7930	Cellulosimicrobium	cellulans	Bacteria	T74		
6241	7931	Kocuria	varians	Bacteria	T82		
6242	7936	Providencia	rettgeri	Bacteria	HAU/NEM/123		
6243	7942	Bacillus	circulans	Bacteria	U2		
6244	7943	Micrococcus	sp.	Actinomycetes	UG		
6245	7944	Brevibacillus	brevis	Bacteria	BC		
6246	7945	Bacillus	circulans	Bacteria	P5		
6247	7946	Bacillus	circulans	Bacteria	TBB		
6248	7947	Brevibacillus	brevis	Bacteria	ZBB		
6249	7948	Microbacterium	flavescens	Actinomycetes	JJC-1		
6250	7949	Paenibacillus	larvae	Bacteria	SR-1		
6251	7950	Micrococcus	luteus	Bacteria	135		
6252	7951	Burkholderia	glathai	Bacteria	MT		
6253	7953	Microbacterium	terregens	Bacteria	M2		
6254	7955	Helicomyces	sp.	Fungi	162.12.06		
6255	7956	Aspergillus	tubingensis	Fungi	BTCF-5		
6256	7957	Diaporthe	sp.	Fungi	171.27.06		
6257	7958	Tubercularia	sp.	Fungi	160.10.06		
6258	7959	Alternaria	alternata	Fungi	RRLJ-PO1		
6259	7960	Tilachlidium	sp.	Fungi	170.26.06		
6260	7961	Phomopsis	sp.	Fungi	165.17.06		
6261	7962	Hirsutella	sp.	Fungi	66.3.10.05		
6262	7963	Aspergillus	flavipes	Fungi			
6263	7964	Trichoderma	harzianum	Fungi	156.5.06		
6264	7965	Trichoderma	pseudokoningii	Fungi	157.6.06		
6265	7966	Thyridium	lividium	Fungi	170.30.06		
6266	7967	Didymosphaeria	sp.	Fungi	167.19.06		
6267	7968	Memnoniella	sp.	Fungi	167.20.06		
6268	7969	Alternaria	sp.	Fungi	Silk 122		

6269	7970	Trichothecium	roseum	Fungi	Silk 123		
6270	7971	Aspergillus	fumigatus	Fungi	Silk 124		
6271	7972	Rhizopus	oryzae	Fungi	Silk 125		
6272	7973	Scopulariopsis	brevicaulis	Fungi	Silk 126		
6273	7974	Aspergillus	aculeatus	Fungi	Silk 10		
6274	7975	Aspergillus	flavus	Fungi	Silk 10		
6275	7976	Cladosporium	cladosporioides	Fungi	Silk 11		
6276	7977	Aspergillus	flavus var. columnaris	Fungi	Silk 127		
6277	7978	Phoma	tropica	Fungi	Silk 128		
6278	7979	Rhizopus	oryzae	Fungi	Silk 129		
6279	7980	Cladosporium	oxysporum	Fungi	Silk 130		
6280	7981	Trichoderma	koningii	Fungi	Silk 131		
6281	7982	Trichoderma	koningii	Fungi	Silk 132		
6282	7983	Penicillium	chrysogenum	Fungi	Silk 139		
6283	7984	Penicillium	purpurogenum	Fungi	Silk 132		
6284	7985	Simplicillium	sp.	Fungi	Silk 134		
6285	7986	Aspergillus	terricola	Fungi	Silk 134		
6286	7987	Penicillium	citrinum	Fungi	Silk 137		
6287	7988	Diaporthe	sp.	Fungi	173.2.10.05		
6288	7989	Valsa	sp.	Fungi	173.2.10.05		
6289	7990	Myceliophthora	fergusii	Fungi	MF		
6290	7991	Scytalidium	thermophilum	Fungi	Tor		
6291	7992	Aspergillus	flavus	Fungi	Silk 11a		
6292	7993	Penicillium	citrinum	Fungi	Silk 11b		
6293	7994	Torula	herbarum	Fungi	180.2.10.05		
6294	7995	Didymosphaeria	sp.	Fungi	172.2.10.05		
6295	7996	Leptosphaeria	sp.	Fungi	175.2.10.05		
6296	7997	Penicillium	duclauxii	Fungi	Silk 11		
6297	7998	Aspergillus	ficuum	Fungi	Silk 11		
6298	7999	Chaetophoma	sp.	Fungi	160.9.06		
6299	8000	Phoma	tropica	Fungi	161.11.06		
6300	8001	Aspergillus	awamori	Fungi			
6301	8002	Aspergillus	awamori	Fungi			
6302	8003	Aspergillus	awamori	Fungi			
6303	8004	Aspergillus	awamori	Fungi			
6304	8005	Fusarium	oxysporum	Fungi			
6305	8006	Penicillium	citrinum	Fungi	VPT		
6306	8007	Penicillium	citrinum	Fungi	Vunlabel		
6307	8008	Penicillium	citrinum	Fungi	VR50		
6308	8009	Penicillium	citrinum	Fungi	VPC		
6309	8010	Penicillium	brevicompactum	Fungi	Silk 5		
6310	8011	Rhizomucor	pusillus	Fungi	RP		
6311	8012	Dothidea	sp.	Fungi	177.2.05		
6312	8013	Drechslera	sp.	Fungi	178.2.05		
6313	8014	Tubercularia	sp.	Fungi	160.9.05		
6314	8015	Scytalidium	sp.	Fungi			
6315	8016	Corynespora	sp.	Fungi	170.24.06		
6316	8017	Beauveria	bassiana	Fungi	Silk 17		

6317	8018	Curvularia	lunata	Fungi	Silk 18		
6318	8019	Cladosporium	sphaerospermum	Fungi	Silk 17		
6319	8020	Rhizopus	oryzae	Fungi	Ib-01		
6320	8021	Colletotrichum	gloeosporioides	Fungi	SS2		
6321	8022	Fusarium	avenaceum	Fungi	SS1		
6322	8023	Aspergillus	oryzae	Fungi	IB-02		
6323	8024	Aspergillus	terreus	Fungi	PEFCCE-12		
6324	8025	Aspergillus	tubingensis	Fungi	BG		
6325	8026	Aspergillus	flavus	Fungi	LG		
6326	8027	Passalora	sp.	Fungi	158.7.10.05		
6327	8028	Ptychogaster	sp.	Fungi	836.4.10.05		
6328	8029	Emericella	heterothallica	Fungi			
6329	8030	Aspergillus	aculeatus	Fungi	Silk 19		
6330	8031	Aspergillus	awamori	Fungi	Silk 19		
6331	8032	Cladosporium	cladosporioides	Fungi	F1		
6332	8033	Fusarium	solani	Fungi	SSM		
6333	8034	Penicillium	glabrum	Fungi	Silk 19		
6334	8035	Fusarium	subglutinans	Fungi	Silk 19		
6335	8036	Phoma	tropica	Fungi	171.2.10.05		
6336	8037	Valsa	sp.	Fungi	185.2.10.05		
6337	8038	Cytospora	sp.	Fungi	186.2.10.05		
6338	8039	Diaporthe	sp.	Fungi	182.3.10.05		
6339	8040	Valsa	sp.	Fungi	183.2.10.05		
6340	8041	Cytospora	sp.	Fungi	184.2.10.05		
6341	8042	Acrophialophora	sp.	Fungi	ICRISAT 01		
6342	8043	Simplicillium	sp.	Fungi	AA1		
6343	8044	Cytospora	sp.	Fungi	188.1.10.05		
6344	8045	Valsa	sp.	Fungi	195.8.10.05		
6345	8046	Valsa	sp.	Fungi	189.1.10.05		
6346	8047	Arthrimum	sp.	Fungi	192.2.10.05		
6347	8048	Cladosporium	cladosporioides	Fungi	Silk 32		
6348	8049	Aspergillus	aculeatus	Fungi	Silk 25-27		
6349	8050	Aspergillus	foetidus	Fungi	Silk 22-24		
6350	8051	Geobacillus	stearothermophilus	Bacteria	ATB3		
6351	8052	Geobacillus	stearothermophilus	Bacteria	ATB-3		
6352	8053	Bacillus	badius	Bacteria	PGS10		
6353	8054	Bizionia	sp.	Bacteria	BSR01		
6354	8055	Actinomadura	sp.	Actinomycetes	13-12 (50)		
6355	8056	Actinomadura	sp.	Actinomycetes	3-45-a (11)		
6356	8057	Actinomadura	sp.	Actinomycetes	3-46-b (3)		
6357	8058	Zoogloea	sp.	Bacteria	GPTSA 100-5		
6358	8060	Aquabacterium	commune	Bacteria			CCUG 48318 T, ,
6359	8063	Bacillus	pantothenticus	Bacteria	SBSE		
6360	8064	Brevibacillus	brevis	Bacteria	RS JOR ZIN-1		
6361	8065	Bacillus	circulans	Bacteria	Jordan		
6362	8066	Rhizobium	meliloti	Bacteria	IGKV-Rhizo-5		
6363	8067	Xanthobacter	sp.	Bacteria	IGKV-Rhizo-6		

6364	8068	Wicherhamiella	sp.	Yeasts	9.00E+01		
6365	8069	Wicherhamiella	sp.	Yeasts	9.00E+02		
6366	8070	Wicherhamiella	sp.	Yeasts	9G3		
6367	8071	Chromobacterium	violaceum	Bacteria	RU9		
6368	8074	Bacillus	circulans	Bacteria	B135		
6369	8075	Bacillus	megaterium	Bacteria	B24		
6370	8076	Pseudomonas	aeruginosa	Bacteria			
6371	8077	Pseudomonas	aeruginosa	Bacteria	NAD 4		
6372	8078	Bacillus	circulans	Bacteria	NAD 5		
6373	8079	Streptomyces	nojiriensis	Actinomycetes	Actinomycetes 4		
6374	8080	Streptomyces	aurantiacus	Actinomycetes	Actinomycetes 40		
6375	8081	Streptomyces	griseoluteus	Actinomycetes	Actinomycetes 142		
6376	8082	Bacillus	badius	Bacteria	NK 1		
6377	8083	Microbacterium	terrae	Actinomycetes	KNR 9		
6378	8084	Paenibacillus	amyolyticus	Bacteria			
6379	8085	Paenibacillus	borealis	Bacteria			
6380	8086	Bacillus	sp.	Bacteria	XXBC-TN		
6381	8087	Bacillus	sp.	Bacteria	BTS-3		
6382	8088	Alcaligenes	sp.	Bacteria	Punjab,India		
6383	8089	Nonomuraea	sp.	Actinomycetes	5-10 (10)		
6384	8090	Nonomuraea	sp.	Actinomycetes	5-38 (42)		
6385	8091	Luedemannella	helvata	Actinomycetes	3-9 (24)		
6386	8092	Luedemannella	helvata	Actinomycetes	3-21 (27)		
6387	8093	Micromonospora	coxensis	Actinomycetes	2-30-b (28)		
6388	8094	Kasilnikovia	cinnamonea	Actinomycetes	3-54 (41)		
6389	8095	Luedemannella	flava	Actinomycetes	7-40 (26)		
6390	8096	Microbacterium	flavescens	Actinomycetes	IF4		
6391	8098	Cellulosimicrobium	cellulans	Bacteria			
6392	8099	Providencia	rettgeri	Bacteria	M		
6393	8100	Enterobacter	aerogenes	Bacteria	1		
6394	8101	Micrococcus	luteus	Actinomycetes	NO1		
6395	8102	Cellulomonas	hominis	Actinomycetes	No. 2		
6396	8103	Bacillus	sphaericus	Bacteria	AKM01		
6397	8104	Shewanella	putrefaciens	Bacteria	AKM02		
6398	8105	Streptomyces	noursei	Actinomycetes	MJ101		
6399	8106	Streptomyces	cuspidosporus	Actinomycetes	MJ102		
6400	8107	Streptomyces	griseus	Actinomycetes	MJ103		
6401	8108	Erythrobacter	sp.	Bacteria	MSSRF26		
6402	8109	Bacillus	sp.	Bacteria	RM6		
6403	8110	Bacillus	sp.	Bacteria	RMIOD		
6404	8111	Bacillus	sp.	Bacteria	RM10E		
6405	8113	Bacillus	sp.	Bacteria	RM1A		
6406	8114	Bacillus	subtilis	Bacteria	A-9		
6407	8115	Bacillus	sp.	Bacteria	A-10		
6408	8116	Bacillus	sp.	Bacteria	A-11		
6409	8117	Micrococcus	sp.	Actinomycetes	3		
6410	8118	Wautersia	eutropha	Bacteria	3		
6411	8119	Pantoea	agglomerans	Bacteria	M2		

6412	8120	Thiorhodococcus	bheemicus sp nov	Bacteria	JA132		
6413	8121	Streptomyces	griseus	Actinomycetes	CKM 5		
6414	8122	Streptomyces	sindenensis	Actinomycetes	CKM 6		
6415	8123	Streptomyces	capoamus	Actinomycetes	CKM 7		
6416	8124	Rhodococcus	sp.	Actinomycetes	72		
6417	8125	Micrococcus	sp.	Actinomycetes	156		
6418	8126	Bacillus	coagulans	Bacteria	183		
6419	8127	Pseudomonas	fluorescens	Bacteria	351		
6420	8128	Citrobacter	freundii	Bacteria	358		
6421	8129	Lactobacillus	amylovorus	Bacteria	B2		
6422	8130	Cronobacter	sakazakii	Bacteria	B 4		
6423	8131	Staphylococcus	sciuri	Bacteria	B7		
6424	8132	Micrococcus	luteus	Actinomycetes	B 52		
6425	8134	Arthrobacter	sp.	Actinomycetes	55		
6426	8137	Aureobacterium	saperdae	Actinomycetes	B5		
6427	8138	Cellulomonas	sp.	Actinomycetes	B6		
6428	8139	Gordonia	terrae	Bacteria	1165		
6429	8140	Bacillus	subtilis	Bacteria	R-1		
6430	8141	Bacillus	subtilis	Bacteria	N11		
6431	8142	Bacillus	subtilis	Bacteria	AI01		
6432	8143	Acinetobacter	calcoaceticus	Bacteria	D-8		
6433	8144	Corynebacterium	equi	Actinomycetes	JUBTAS01		
6434	8145	Micrococcus	lylae	Actinomycetes	S-1 (0)		
6435	8146	Actinomyces	taleus	Actinomycetes			
6436	8147	Streptosporangium	album	Actinomycetes	SHD		
6437	8148	Micromonospora	viridis	Actinomycetes	BM		
6438	8150	Vibrio	sp.	Bacteria	MSSRF7		
6439	8152	Citrobacter	freundii	Bacteria	T-1		
6440	8154	Achromobacter	denitrificans	Bacteria	T-5		
6441	8155	Brevibacillus	brevis	Bacteria	TS- 13		
6442	8157	Pseudomonas	luteola	Bacteria	TS 11		
6443	8158	Pseudomonas	aeruginosa	Bacteria	MAMP/WS 1		
6444	8159	Virgibacillus	pantothenticus	Bacteria	2479		
6445	8160	Arthrobacter	sp.	Actinomycetes	TRSBIO		
6446	8161	Rhizobium	radiobacter	Bacteria	Bacteria GKP		
6447	8163	Pseudomonas	aeruginosa	Bacteria	PNIA		
6448	8164	Alcaligenes	faecalis	Bacteria	PN2AII		
6449	8165	Pseudomonas	aeruginosa	Bacteria	PN2BII		
6450	8166	Bacillus	licheniformis	Bacteria	PN3A		
6451	8167	Bacillus	circulans	Bacteria	PN4B		
6452	8168	Pseudomonas	sp.	Bacteria	3		
6453	8169	Brevibacillus	agri	Bacteria	4		
6454	8170	Paenibacillus	azotofixans	Bacteria	5		
6455	8171	Paenibacillus	larvae subsp. pulvificiens	Bacteria	6		
6456	8172	Rhodobacter	johrii	Bacteria	JA192		
6457	8173	Pseudomonas	chlororaphis	Bacteria	CDAE5		

6458	8174	Candida	sp.	Yeasts	1A1		
6459	8175	Candida	sp.	Yeasts	S-186		
6460	8176	Candida	haemulonii	Yeasts	S-27		
6461	8177	Zygosaccharomyces	bailli	Yeasts	JB1		
6462	8180	Bacillus	circulans	Bacteria	KER6		
6463	8181	Rhodococcus	sp.	Bacteria	KER38		
6464	8182	Bacillus	licheniformis	Bacteria	VMB98		
6465	8183	Paemibacillus	dendritiformis	Bacteria	VMB96		
6466	8184	Aspergillus	ficuum	Fungi	1		
6467	8185	Aspergillus	ficuum	Fungi	2		
6468	8186	Aspergillus	terreus	Fungi			
6469	8187	Aspergillus	ficuum	Fungi	8		
6470	8188	Aspergillus	flavus	Fungi	3		
6471	8189	Aspergillus	parasiticus	Fungi	7		
6472	8190	Aspergillus	fumigatus	Fungi	4		
6473	8191	Fusarium	oxysporum	Fungi	11		
6474	8192	Torula	herbarum	Fungi	187.2.10.05		
6475	8193	Aspergillus	fumigatus	Fungi	A		
6476	8194	Penicillium	decumbens	Fungi	10		
6477	8195	Nigrospora	oryzae	Fungi			
6478	8196	Aspergillus	fumigatus	Fungi			
6479	8197	Microsporum	audouinii	Fungi			
6480	8198	Curvularia	eragrostidis	Fungi			
6481	8199	Alternaria	sp.	Fungi			
6482	8200	Aspergillus	terreus	Fungi			
6483	8201	Aspergillus	awamori	Fungi	Silk 36		
6484	8202	Aspergillus	aculeatus	Fungi	Silk 36		
6485	8203	Fusarium	lateritium	Fungi	181.2.10.05		
6486	8204	Trichoderma	harzianum	Fungi	Silk 36		
6487	8205	Mucor	racemosus	Fungi	Silk 36		
6488	8206	Engyodontium	sp.	Fungi	Silk 36		
6489	8207	Phoma	tropica	Fungi	Silk 36		
6490	8208	Cytospora	sp.	Fungi	196.5.10.05		
6491	8209	Valsa	sp.	Fungi	196.5.10.05		
6492	8210	Diaporthe	sp.	Fungi	202.5.10.05		
6493	8211	Valsella	sp.	Fungi	201.5.10.05		
6494	8212	Cryptosphaeria	sp.	Fungi	200.5.10.05		
6495	8213	Alternaria	sp.	Fungi	36		
6496	8214	Eutypella	sp.	Fungi	199.5.10.05		
6497	8215	Phomopsis	sp.	Fungi	198.5.10.05		
6498	8216	Cytospora	sp.	Fungi	203.5		
6499	8217	Valsa	sp.	Fungi	204.5		
6500	8218	Cytospora	sp.	Fungi	205.5		
6501	8219	Valsa	sp.	Fungi	206.5		
6502	8220	Periconia	atra	Fungi	209.5		
6503	8221	Linodochium	sp.	Fungi			
6504	8222	Penicillium	miczynskii	Fungi			
6505	8223	Aspergillus	flavus	Fungi	3		
6506	8224	Hypoxydon	sp.	Fungi	213.5.10.05		

6507	8225	Endothiella	sp.	Fungi	214.5.10.05		
6508	8226	Humicola	grisea	Fungi	210.5.10.05		
6509	8227	Curuvularia	oryzae	Fungi	212.5.10.05		
6510	8228	Cladosporium	cladosporioides	Fungi	212.5.10.05		
6511	8229	Trichoderma	harzianum	Fungi	M1		
6512	8230	Trichoderma	harzianum	Fungi	8W		
6513	8231	Phoma	tropica	Fungi			
6514	8232	Tilachlidium	sp.	Fungi	Silk 36		
6515	8233	Didymosphaeria	sp.	Fungi	216.2.15.05		
6516	8234	Aspergillus	fumigatus	Fungi	C		
6517	8235	Aspergillus	flavus	Fungi	B		
6518	8236	Penicillium	decumbens	Fungi	D		
6519	8237	Aspergillus	flavus	Fungi	F7		
6520	8238	Aspergillus	flavus	Fungi	F2		
6521	8239	Aspergillus	awamori	Fungi	F6		
6522	8240	Aspergillus	terreus	Fungi	F3		
6523	8241	Penicillium	expansum	Fungi	224.5.10.05		
6524	8242	Torula	herbarum var.quaternella	Fungi	223.5.10.05		
6525	8243	Valsella	sp.	Fungi	221.8.10.05		
6526	8244	Aspergillus	foetidus	Fungi	Kh.F		
6527	8245	Aspergillus	arenarius	Fungi	463.65		CBS463.65,ATCC16830,IMI055632,, IMI055632ii,
6528	8246	Aspergillus	flavus var.flavus	Fungi	100927		CBS100927,IMI124930, ATCC16883, ,
6529	8247	Aspergillus	fumigatus var.ellipticus	Fungi	487.65		CBS 487.65, ATCC16903, IMI172286, ,
6530	8248	Aspergillus	fumigatus var.fumigatus	Fungi	287.95		CBS287.95, ,
6531	8249	Penicillium	oxalicum	Fungi	1		
6532	8250	Petromyces	alliaceus	Fungi	536.65		CBS536.65, ATCC10060, DSM813,, IFO7538, IMI0521982, IMI0521982 ii,
6533	8252	Bacillus	sp.	Bacteria	5.5 LF 8TD		
6534	8253	Cryptococcus	sp.	Yeasts	YS88		
6535	8254	Sporidiobolus	sp.	Yeasts	YS NB7		
6536	8255	Kluyveromyces	sp.	Yeasts	YS9F		
6537	8256	Lodderomyces	sp.	Yeasts	YS 83		
6538	8258	Clavispora	sp.	Yeasts	YS 109		
6539	8259	Torulaspora	sp.	Yeasts	YSDN 16		
6540	8260	Rhodosporeidium	sp.	Yeasts	YS 69		
6541	8261	Cryptococcus	sp.	Yeasts	YS87		
6542	8262	Rhodosporeidium	sp.	Yeasts	YSDN7		
6543	8263	Bullera	sp.	Yeasts	YS105		
6544	8264	Pichia	sp.	Yeasts	YS 78		
6545	8265	Rhodotorula	sp.	Yeasts	YS 75		
6546	8266	Cryptococcus	sp.	Yeasts	YSDN8		
6547	8267	Issatchenkia	sp.	Yeasts	YS110		

6548	8268	Issatchenkia	sp.	Yeasts	YS 16		
6549	8269	Cryptococcus	sp.	Yeasts	YSNB5		
6550	8270	Kodamaea	sp.	Yeasts	YS85		
6551	8271	Cryptococcus	sp.	Yeasts	YS92		
6552	8272	Rhodotorula	sp.	Yeasts	YS74		
6553	8273	Pichia	sp.	Yeasts	YS73		
6554	8274	Hanseniaspora	sp.	Yeasts	YS82		
6555	8275	Kluyveromyces	sp.	Yeasts	YSNB1		
6556	8276	Metschnikowia	sp.	Yeasts	YSW1		
6557	8277	Debaryomyces	sp.	Yeasts	YSDN2		
6558	8278	Trichosporon	sp.	Yeasts	YS93		
6559	8279	Pichia	sp.	Yeasts	YSDN22		
6560	8280	Hanseniaspora	sp.	Yeasts	YSDN19		
6561	8284	Citricoccus	lehensis	Actinomycetes	NKS1		
6562	8285	Citricoccus	lehensis	Actinomycetes	NKS4		
6563	8288	Acinetobacter	lwoffii	Bacteria	LS 2		
6564	8289	Pseudomonas	aeruginosa	Bacteria	SGSA1		
6565	8290	Cupriavidus	gilardii	Bacteria	SK001		
6566	8291	Pseudomonas	aeruginosa	Bacteria	SK002		
6567	8292	Weisella	cibaria	Bacteria	B-1		
6568	8293	Kocuria	rhizophila	Actinomycetes	B3		
6569	8294	Pseudomonas	synxantha	Bacteria	B8		
6570	8295	Klebsiella	oxytoca	Bacteria	B-9		
6571	8296	Lactobacillus	plantarum	Bacteria	L2		
6572	8297	Bacillus	cereus	Bacteria	RB1		
6573	8298	Streptomyces	luteireticuli	Actinomycetes	RB3		
6574	8299	Pseudomonas	rhodesiae	Bacteria	RB4		
6575	8300	Pseudomonas	rhodesiae	Bacteria	RB5		
6576	8301	Bacillus	cereus	Bacteria	KSP-06/KSP-L		
6577	8302	Aureobasidium	sp.	Yeasts	YS67		
6578	8303	Candida	haemulonii	Yeasts	SJ-2		
6579	8304	Issatchenkia	orientalis	Yeasts	SJ-8		
6580	8305	Streptomyces	rangoonensis	Actinomycetes	BT-1		
6581	8306	Streptomyces	clavifer	Actinomycetes	AS-10		
6582	8307	Pimelobacter	simplex	Actinomycetes	PVAS1		
6583	8308	Saccharothrix	sp.	Actinomycetes	PVAS8		
6584	8309	Staphylococcus	xylosus	Bacteria	B		
6585	8310	Bacillus	licheniformis	Bacteria	2		
6586	8311	Kocuria	rosea	Actinomycetes	PL1		
6587	8312	Bacillus	cereus	Bacteria	PL2		
6588	8313	Bacillus	licheniformis	Bacteria	MAMP/RS-21		
6589	8314	Pseudomonas	aeruginosa	Bacteria	Rhizobium 1		
6590	8315	Pseudomonas	aeruginosa	Bacteria	Rhizobium 2		
6591	8316	Bacillus	licheniformis	Bacteria			
6592	8317	Bacillus	licheniformis	Bacteria	A 1		
6593	8318	Streptococcus	lactis	Bacteria	DR 1		
6594	8319	Paenibacillus	azotofixans	Bacteria	GH8		
6595	8320	Ralstonia	eutropha	Bacteria	LH-11		
6596	8321	Microbacterium	schleiferi	Actinomycetes	MK 7		
6597	8322	Bacillus	subtilis	Bacteria	BAC-3		

6598	8324	Alcaligenes	faecalis	Bacteria	MPB		
6599	8326	Bacillus	clausii	Bacteria	9		
6600	8329	Stenotrophomonas	maltophila	Bacteria	57		
6601	8330	Stenotrophomonas	maltophila	Bacteria	65		
6602	8331	Stenotrophomonas	maltophila	Bacteria	51		
6603	8332	Candida	sp.	Yeasts	YSW-113A		
6604	8333	Candida	sp.	Yeasts	YSW-113B		
6605	8334	Candida	sp.	Yeasts	YS-154		
6606	8335	Candida	sp.	Yeasts	YS-155		
6607	8337	Sporidiobolus	metaroseus	Yeasts	KFY-1		
6608	8338	Calidifontibacter	indicus	Bacteria	PCIW02		
6609	8339	Paenibacillus	borealis	Bacteria	SB1		
6610	8340	Bacillus	mycoides	Bacteria	BAC 1		
6611	8341	Geobacillus	thermodenitrificans	Bacteria	BAC2		
6612	8342	Paenibacillus	koreensis	Bacteria	BAC 6		
6613	8343	Paenibacillus	larvae subsp. larvae	Bacteria	BAC 7		
6614	8344	Bacillus	pumilus	Bacteria	NIMR1		
6615	8345	Bacillus	pumilus	Bacteria	NIMR2		
6616	8346	Bacillus	circulans	Bacteria	NIM R3		
6617	8347	Bacillus	circulans	Bacteria	NIMR5		
6618	8348	Staphylococcus	sp.	Bacteria	B-1		
6619	8349	Staphylococcus	pulvereri	Bacteria	B-2		
6620	8350	Pseudomonas	stutzeri	Bacteria	B3		
6621	8351	Bacillus	subtilis	Bacteria	S45P6		
6622	8352	Bacillus	subtilis	Bacteria	B9		
6623	8355	Bacillus	sp.	Bacteria	TDWCW2		
6624	8356	Bacillus	sp.	Bacteria	TDWCW 7		
6625	8357	Microbacterium	paraoxydans	Actinomycetes	SMP4		
6626	8358	Bacillus	sp.	Bacteria	BSE01		
6627	8359	Paenibacillus	glucanolyticus	Bacteria	KB081		
6628	8361	Bacillus	cereus	Bacteria	KB043		
6629	8362	Pseudomonas	stutzeri	Bacteria	A		
6630	8363	Bacillus	subtilis	Bacteria	B		
6631	8364	Bacillus	subtilis	Bacteria	C		
6632	8369	Burkholderia	sp.	Bacteria	PSB73		
6633	8370	Arthrobacter	sp.	Actinomycetes	7		
6634	8371	Bacillus	megaterium	Bacteria	34		
6635	8372	Bacillus	cereus	Bacteria	BTS-2		
6636	8373	Bacillus	pumilus	Bacteria	TSVKK		
6637	8374	Streptomyces	pulveraceus	Actinomycetes	S-1		
6638	8375	Streptomyces	nojiriensis	Actinomycetes	S-3		
6639	8376	Streptomyces	rochei	Actinomycetes	AK013		
6640	8377	Streptomyces	purpeofuscus	Actinomycetes	4:00 AM		
6641	8379	Chryseobacterium	sp.	Bacteria	PCIW30		
6642	8380	Aspergillus	conjunctus	Fungi	476.65		CBS 476.65, ATCC 16796, IMI135421, ,

6643	8381	Aspergillus	anthodesmis	Fungi	CBS 552.77		CBS552.77, IMI223070, ,
6644	8382	Aspergillus	coremiiformis	Fungi	553.77		CBS553.77, ATCC38576, IMI223069, ,
6645	8383	Aspergillus	crustosus	Fungi	478.65		CBS 478.65, ATCC 16806, IMI135819, ,
6646	8384	Arhrinium	sacchari	Fungi			
6647	8385	Chaetomium	sp.	Fungi	VIG 0072		
6648	8386	Simplicillium	sp.	Fungi			
6649	8387	Aspergillus	clavatonanicus	Fungi	474.65		CBS 474.65, ATCC 12413, IMI235352, ,
6650	8388	Aspergillus	biplanus	Fungi	468.65		CBS 468.65, ATCC16858, IMI235602, ,
6651	8389	Aspergillus	clavatoflavus	Fungi	473.65		CBS 473.65, ATCC 16866, IMI 124937, ,
6652	8390	Aspergillus	carneus	Fungi	494.65		CBS494.65,ATCC16798,IMI135818,, ,
6653	8391	Aspergillus	caesiellus	Fungi	470.65		CBS 470.65, ATCC 11905, IFO 4882,, IMI172278,
6654	8392	Aspergillus	aculeatus	Fungi	3		
6655	8393	Aspergillus	duricaulis	Fungi	481.65		CBS 481.65, ATCC 16900, IMI172282, ,
6656	8394	Aspergillus	crystallinus	Fungi	479.65		CBS 479.65, ATCC 16833, IMI 139270, ,
6657	8395	Aspergillus	elegans	Fungi	310.8		CBS 310.80, ,
6658	8396	Aspergillus	diversus	Fungi	480.65		CBS480.65, ATCC16849, IMI232882, ,
6659	8397	Aspergillus	implicatus	Fungi	484.95		CBS 484.95, ,
6660	8398	Emericella	nidulans var.lata	Fungi	2		
6661	8399	Geotrichum	candidum	Fungi	Silk 45		
6662	8400	Aspergillus	aureolatus	Fungi	190.65		CBS 190.65, ATCC 16810, IMI 136527,, IMI136527,
6663	8401	Aspergillus	aeneus	Fungi	128.54		CBS128.54,ATCC16803,IMI069855, ,
6664	8402	Aspergillus	brunneouniseriatus	Fungi	127.61		ATCC 127.61, ATCC 16916, IMI227677, ,
6665	8403	Aspergillus	ambiguus	Fungi	117.58		CBS 117.58, ATCC 16827, IMI139274, ,
6666	8404	Aspergillus	avenaceus	Fungi	109.46		CBS 109.46, ATCC 16861, IMI 016140,, NRRL 517, QM 6741, WB 517,
6667	8405	Aspergillus	flavofurcatus	Fungi	484.65		CBS 484.65, ATCC 16864, IMI 124938, ,
6668	8406	Aspergillus	funiculosus	Fungi	116.56		CBS 116.56,ATCC 16846,IFO 8131,, IMI 054397,
6669	8407	Aspergillus	ellipticus	Fungi	482.65		CBS 482.65, ATCC 16876, IMI172283, ,
6670	8408	Aspergillus	giganteus	Fungi	515.65		CBS 515.65, ATCC 16439, IMI235601, ,

6671	8409	Aspergillus	deflectus	Fungi	109.55		CBS109.55,ATCC16807,IMI016448,, IMI016448ii,
6672	8410	Aspergillus	eburneocremeus	Fungi	130.54		CBS 130.54, ATCC 16802, IMI 06, IMI 069856 iii,
6673	8411	Aspergillus	flaschentraegeri	Fungi	108.63		CBS 108.63,ATCC 15535,, IMI 101651,
6674	8412	Pestalotiopsis	sp.	Fungi	Silk 45		
6675	8413	Aspergillus	brunneouniseriatus var.nanus	Fungi	232.81		CBS 232.81, IMI 226009, ,
6676	8414	Penicillium	citreonigrum	Fungi	258.29		CBS 258.29, ATCC 48736, IMI092209, ,
6677	8415	Aspergillus	campestris	Fungi	348.81		CBS 348.81, ,
6678	8416	Aspergillus	apicalis	Fungi	236.81		CBS 236.81, ,
6679	8417	Aspergillus	bridgeri	Fungi	350.81		CBS 350.81, ,
6680	8418	Aspergillus	sydowii	Fungi	F8		
6681	8419	Fusarium	aquaeductuum	Fungi	225.8.10.05		
6682	8420	Fusarium	decemcellulare	Fungi	226.8.10.05		
6683	8421	Eutypella	sp.	Fungi	219.7.10.05		
6684	8422	Fusarium	aquaeductuum	Fungi	227.8.10.05		
6685	8423	Aspergillus	caelatus	Fungi	763.97		CBS 763.97, ,
6686	8424	Aspergillus	bisporus	Fungi	707.71		CBS 707.71, ATCC 22527, ,
6687	8425	Aspergillus	amylovorus	Fungi	600.67		CBS 600.67, ATCC 18351, IMI 129961, ,
6688	8426	Hemicarmentales	acanthosporus	Fungi	558.71		CBS 558.71, ATCC 22931, IMI 164621, ,
6689	8427	Neosartorya	aurata	Fungi	466.65		CBS 466.65, ATCC 16894, IFO 8783,, IMI075886ii,
6690	8428	Aspergillus	heteromorphus	Fungi	117.55		CBS117.55,ATCC12064,IMI172288, ,
6691	8429	Penicillium	citrinum	Fungi			
6692	8430	Aspergillus	dimorphicus	Fungi	649.74		CBS 649.74, IMI 131553, ,
6693	8431	Aspergillus	sulphureus	Fungi	385.75		CBS385.75,IMI174453,NRRL5584,, WB5280,
6694	8432	Aspergillus	foetidus var.acidus	Fungi	564.65		CBS 564.65, ATCC 16874, IFO 4121,, IMI104688, IMI104688ii,
6695	8433	Aspergillus	egyptiacus	Fungi	656.73		CBS 656.73, IMI 141415, ,
6696	8434	Aspergillus	giganteus	Fungi	526.65		CBS 526.65, ATCC 10059, DSM 1146,, IFO5818, IMI227678,
6697	8435	Emericellopsis	minima	Fungi	190.55		CBS 190.55, JCM 10472, ,
6698	8436	Aspergillus	floriformis	Fungi	937.73		CBS937.73,IMI278380, ,
6699	8437	Penicillium	citrinum	Fungi	233.5.10.05		
6700	8438	Eurotium	amstelodami	Fungi	518.65		CBS 518.65, ATCC 16464, IMI 229971,, IFO 33018,

6701	8439	Haptocillium	sp.	Fungi	218b.7.10.05		
6702	8440	Gymnoascus	sp.	Fungi	217a.7.10.05		
6703	8441	Ganoderma	stipitatum	Fungi	GA 7		
6704	8442	Ganoderma	praelongum	Fungi	GA 37		
6705	8443	Phellinus	lloydii	Fungi	Ki- 9		
6706	8444	Phellinus	lloydii	Fungi	Ki- 7		
6707	8445	Phellinus	adamantinus	Fungi	Ki- 16		
6708	8446	Phellinus	badius	Fungi	Gh 1		
6709	8447	Phellinus	sublinteus	Fungi	Ki -2		
6710	8448	Phellinus	sanctigeorgii	Fungi	Ki -27		
6711	8449	Phellinus	badius	Fungi	Ki-13		
6712	8450	Phellinus	merrillii	Fungi	Ph-1		
6713	8451	Phellinus	sublinteus	Fungi	Ki-12		
6714	8452	Phellinus	merrillii	Fungi	Ki-5		
6715	8453	Phellinus	merrillii	Fungi	Ki-26		
6716	8454	Phellinus	allardii	Fungi	432		
6717	8455	Phellinus	pectinatus	Fungi	311		
6718	8456	Discosporium	sp.	Fungi	228.6.10.05		
6719	8457	Penicillium	variabile	Fungi	231.5.10.05		
6720	8458	Diatrype	sp.	Fungi	239.5.10.05		
6721	8459	Alternaria	alternata	Fungi			
6722	8460	Colletotrichum	gloeosporioides	Fungi	TSM005		
6723	8461	Fusarium	oxysporum	Fungi	TSM013		
6724	8462	Trichoderma	harzianum	Fungi	238.8.10.05		
6725	8463	Curvularia	senegalensis	Fungi			
6726	8464	Phomopsis	sp.	Fungi	TSM019		
6727	8465	Nigrospora	oryzae	Fungi	TSM017		
6728	8466	Corynespora	sp.	Fungi	TSM024		
6729	8467	Corynespora	sp.	Fungi	TSM050		
6730	8468	Guignardia	sp.	Fungi	TSM002		
6731	8469	Microsporum	gypseum	Fungi			
6732	8470	Eutypa	sp.	Fungi	240.5.10.05		
6733	8471	Diatrype	sp.	Fungi	236.8.10.05		
6734	8472	Colletotrichum	pisi	Fungi			
6735	8473	Colletotrichum	capsici	Fungi			
6736	8474	Colletotrichum	lindemuthianum	Fungi			
6737	8475	Trichophyton	tonsurans	Fungi			
6738	8476	Trichophyton	mentagrophytes	Fungi			
6739	8477	Trichophyton	rubrum	Fungi			
6740	8478	Microsporum	fulvum	Fungi			
6741	8479	Colletotrichum	gloeosporioides	Fungi			
6742	8480	Colletotrichum	gloeosporioides	Fungi			
6743	8481	Bacillus	thuringiensis	Bacteria	P.ISO-1		
6744	8482	Bacillus	licheniformis	Bacteria	.ISO-1		
6745	8483	Bacillus	sp.	Bacteria	R.ISO-3		
6746	8485	Pseudomonas	aeruginosa	Bacteria	EP-3		
6747	8486	Brevundimonas	diminuta	Bacteria	SK-1		
6748	8487	Bacillus	flexus	Bacteria	SK2		
6749	8488	Bacillus	licheniformis	Bacteria	SK3		

6750	8490	Pantoea	ananatis	Bacteria	2		
6751	8492	Curtobacterium	albidum	Bacteria	CRPB16		
6752	8493	Microbacterium	terrae	Actinomycetes	KT3		
6753	8494	Rhodococcus	ruber	Bacteria	KB9		
6754	8495	Rhodococcus	fascians	Bacteria	CRPB5		
6755	8496	Burkholderia	glumae	Bacteria	PBC 61		
6756	8497	Rhizobium	meliloti	Bacteria	EP-2		
6757	8498	Rhizobium	meliloti	Bacteria	P-ISO-2		
6758	8499	Rhizobium	meliloti	Bacteria	R.ISO-2		
6759	8501	Cryptococcus	albidus var.albidus	Yeasts	BKY-1		
6760	8502	Kluyveromyces	marixianus var. marixianus	Yeasts	CHEESE-2		
6761	8503	Debaryomyces	hansenii var. hansenii	Yeasts	KY		
6762	8504	Paemibacillus	illinoisensis	Bacteria	MTCC *8504		JCM*9907,DSM*11733, NBRC*15959,, CIP*105253,
6763	8505	Bacillus	marisflavi	Bacteria	MTCC *8505		JCM*115544, CIP*108135, DSM*16204, KCCM*41588,
6764	8506	Bacillus	aquimaris	Bacteria	MTCC*8506		JCM*11545, CIP*108136, DSM*16205,, KCCM41589,
6765	8507	Bacillus	sp.	Bacteria	YC		
6766	8508	Geobacillus	stearothermophilus	Bacteria	SDX		
6767	8509	Bacillus	subtilis	Bacteria	SS		
6768	8510	Bacillus	megaterium	Bacteria	10		
6769	8511	Bacillus	sp.	Bacteria	15		
6770	8512	Micrococcus	lylae	Actinomycetes	S 131		
6771	8513	Bacillus	subtilis	Bacteria	S 134		
6772	8514	Paenibacillus	ehimensis	Bacteria	SM 4		
6773	8515	Bacillus	amyloliquifaciens	Bacteria	SM 19		
6774	8516	Bacillus	pumilus	Bacteria	C9		
6775	8517	Geobacillus	kaustophilus	Bacteria	MCN 3		
6776	8519	Meyerozyma	guilliermondii	Yeasts	NBRIT-15		
6777	8520	Bacillus	pumilus	Bacteria	PVAS-2		
6778	8521	Acinetobacter	radioresistens	Bacteria	PVAS3		
6779	8522	Stenotrophomonas	maltophilia	Bacteria	PVAS5		
6780	8523	Acinetobacter	lwoffii	Bacteria	PVAS 6		
6781	8524	Bacillus	pumilus	Bacteria	PVAS 7		
6782	8525	Citricoccous	alkalitolerans	Actinomycetes	Sp3		
6783	8526	Achromobacter	denitrificans	Bacteria	12		
6784	8527	Bacillus	cereus	Bacteria	C(32) C		
6785	8528	Bacillus	subtilis	Bacteria	C(32) D		
6786	8529	Bacillus	koreensis	Bacteria	C(32) E		
6787	8530	Acinetobacter	sp.	Bacteria	CR9		
6788	8531	Bacillus	sp.	Bacteria	ATSKP		
6789	8532	Streptomyces	psammoticus	Actinomycetes	S205		

6790	8533	Streptomyces	somaliensis	Actinomycetes	S217		
6791	8534	Streptomyces	pectum	Actinomycetes	S124		
6792	8535	Micromonospora	chokoriensis	Actinomycetes	2-19 (6)		
6793	8536	Brevibacillus	sp.	Bacteria	024-B-APJ-IICT		
6794	8537	Bacillus	sphaericus	Bacteria	D 8		
6795	8538	Bacillus	firmus	Bacteria	F		
6796	8539	Alcaligenes	faecalis	Bacteria	HF2		
6797	8540	Pseudomonas	balearica	Bacteria	NIOT 45		
6798	8541	Pseudomonas	otitidis	Bacteria	NIOT-25		
6799	8542	Pseudomonas	stutzeri	Bacteria	NIOT9		
6800	8543	Pseudomonas	pseudoalcaligenes	Bacteria	NIOT5		
6801	8544	Enterobacter	cloacae	Bacteria	MD7		
6802	8545	Nonomuraea	sp.	Actinomycetes	16-5 (14)		
6803	8546	Actinomadura	sp.	Actinomycetes	15-6 (9)		
6804	8547	Streptomyces	torulosus	Actinomycetes	SBB		
6805	8550	Bacillus	cereus	Bacteria	GMHS		
6806	8552	Brachybacterium	paraconglomeratum	Bacteria	C -1		
6807	8553	Pseudomonas	stutzeri	Bacteria	C-2		
6808	8554	Brevibacillus	laterosporus	Bacteria	AM BAC EA		
6809	8555	Micrococcus	cascolyticus	Bacteria	AM BAC 22		
6810	8556	Rhodococcus	pyridinivorans	Bacteria	AM BAC 27		
6811	8557	Bacillus	cereus	Bacteria	Rain 3C		
6812	8558	Enterobacter	aerogenes	Bacteria			
6813	8559	Enterobacter	aerogenes	Bacteria	NBRIK-28		
6814	8560	Enterobacter	aerogenes	Bacteria	NBRIT-18		
6815	8561	Bacillus	subtilis	Bacteria	AKPJ04		
6816	8565	Micrococcus	luteus	Actinomycetes	C1		
6817	8566	Micrococcus	lylae	Actinomycetes	Y1		
6818	8567	Staphylococcus	arlettae	Bacteria	W1		
6819	8569	Serratia	marcescens	Bacteria	03-P-My-NITK		
6820	8570	Paenibacillus	macerans	Bacteria	01-C-My-NITK		
6821	8571	Bacillus	circulans	Bacteria	I		
6822	8578	Micrococcus	sp.	Actinomycetes	RW2		
6823	8580	Paenibacillus	koreensis	Bacteria	A		
6824	8582	Bacillus	licheniformis	Bacteria	C		
6825	8583	Ralstonia	pickettii	Bacteria	Isolate I		
6826	8584	Serratia	marcescens	Bacteria	MSR		
6827	8585	Providencia	rustigianii	Bacteria	KJ		
6828	8586	Streptomyces	luridus	Actinomycetes	MK183		
6829	8587	Salmonella	enterica	Bacteria	AH17		
6830	8588	Streptomyces	sp.	Bacteria	SL-4		
6831	8589	Streptomyces	sp.	Bacteria	SL-2		
6832	8590	Devosia	crocina	Bacteria	IPL20		
6833	8591	Sphingopyxis	ummariensis	Bacteria	UI2		
6834	8592	Sphingobium	sp.	Bacteria	HDIPO4		
6835	8593	Devosia	chinhatensis	Bacteria	IPL18		
6836	8594	Devosia	albogilva	Bacteria	IPL15		
6837	8595	Sphingopyxis	sp.	Bacteria	P27		

6838	8597	Flavobacterium	lindanitolerans	Bacteria	IP10		
6839	8598	Sphingobium	sp.	Bacteria	IP26		
6840	8599	Sphingobium	ummariense	Bacteria	RL-3		
6841	8600	Bacillus	licheniformis	Bacteria	RG1		
6842	8601	Bacillus	subtilis	Bacteria	BR		
6843	8602	Bacillus	subtilis	Bacteria	RG14		
6844	8603	Bacillus	licheniformis	Bacteria	RG-4		
6845	8604	Bacillus	mojavensis	Bacteria			
6846	8605	Bacillus	subtilis	Bacteria	RG2		
6847	8606	Bacillus	licheniformis	Bacteria	RG2		
6848	8607	Exiguobacterium	aurantiacum	Bacteria	AS 1		
6849	8608	Fusarium	oxysporum	Fungi			
6850	8609	Fusarium	oxysporum f.sp.pisi	Fungi			
6851	8610	Fusarium	oxysporum f.sp. .conglutinans	Fungi			
6852	8611	Trichoderma	koningii	Fungi	GITX – Panog(I)		
6853	8612	Trichoderma	harzianum	Fungi	GITX – Kohli 1		
6854	8613	Trichoderma	harzianum	Fungi	GITX – Kohli 2		
6855	8614	Aspergillus	terricola var.indicus	Fungi	229.7.10.05		
6856	8615	Simplicillium	sp.	Fungi	243.8.10.05		
6857	8616	Trichoderma	saturnisporum	Fungi	GITX – Panog (C)		
6858	8617	Cylindrocolla	sp.	Fungi	241.5.10.05		
6859	8618	Trichoderma	atroviride	Fungi	TRI4		
6860	8619	Trichoderma	aureoviride	Fungi	TR45		
6861	8620	Trichoderma	harzianum	Fungi	TR28		
6862	8621	Trichoderma	harzianum	Fungi	TR11		
6863	8622	Trichoderma	harzianum	Fungi	TR34		
6864	8623	Aspergillus	foetidus	Fungi			
6865	8624	Aspergillus	oryzae	Fungi	KJ1		
6866	8625	Aspergillus	heteromorphus	Fungi	1 (L-B)		
6867	8626	Diaporthe	sp.	Fungi	155b.10.03		
6868	8627	Aspergillus	heteromorphus	Fungi	KJ2		
6869	8628	Penicillium	citrinium	Fungi	PK1		
6870	8629	Penicillium	waksmanii	Fungi	237.8.10.05		
6871	8630	Aspergillus	lucknowensis	Fungi	449.75		CBS449.75, ATCC18607, IMI278379, ,
6872	8631	Aspergillus	itaconicus	Fungi	115.32		CBS115.32, ATCC10021, IMI016119, ,
6873	8632	Aspergillus	inuii	Fungi	125.52		CBS125.52, ATCC11360, ,
6874	8633	Eurotium	leucocarpum	Fungi	353.68		CBS353.68, IMI278375, ,
6875	8634	Discosia	sp.	Fungi			
6876	8635	Aspergillus	awamori	Fungi	A1		
6877	8636	Aspergillus	fumigatus	Fungi	A2		
6878	8637	Cladosporium	cladosporioides	Fungi	F1		
6879	8638	Phomopsis	sp.	Fungi	P1		
6880	8639	Aspergillus	insulicola	Fungi	382.75		CBS 382.75, ,
6881	8640	Aspergillus	ivoriensis	Fungi	551.77		CBS 551.77, IMI

							223068, ,
6882	8641	Aspergillus	janus var.janus	Fungi	118.45		CBS118.45,ATCC16835, IMI016065, ,
6883	8642	Aspergillus	kanagawaensis	Fungi	538.65		CBS 538.65,ATCC 16143,IFO6219,, IMI 126690,
6884	8643	Aspergillus	longivesica	Fungi	530.71		CBS 530.71,ATCC 22434,IMI 156966, ,
6885	8644	Aspergillus	malodoratus	Fungi	490.65		CBS 490.65,ATCC 16834,IMI 172289, ,
6886	8645	Aspergillus	microcephalus	Fungi	122.48		CBS 122.48, ,
6887	8646	Aspergillus	microcysticus	Fungi	120.58		CBS 120.58,ATCC 16826,IMI 139275, ,
6888	8647	Hemisartorya	maritima	Fungi	186.77		CBS 186.77, ,
6889	8648	Fennellia	nivea	Fungi	261.73		CBS 261.73,ATCC 24482,IMI 171878, ,
6890	8649	Penicillium	citrinum	Fungi			
6891	8650	Aspergillus	nutans	Fungi	121.56		CBS 121.56,ATCC 16914,IFO 8134,IMI, 62874,
6892	8651	Aspergillus	nomius	Fungi	260.88		CBS 260.88, IMI 331920, ,
6893	8652	Aspergillus	niger	Fungi	102.12		CBS 102.12,ATCC 10549,IFO 4067, ,
6894	8653	Aspergillus	multicolor	Fungi	133.54		CBS 133.54,ATCC 16804,IFO 8133,IMI, 69857,
6895	8654	Aspergillus	flavus	Fungi	H4		
6896	8655	Fusarium	lateritium	Fungi	P4		
6897	8656	Fusarium	lateritium	Fungi	P3		
6898	8657	Pithomyces	maydicus	Fungi	VIG 00152		
6899	8658	Chaetomium	globosum	Fungi	VIG 00154		
6900	8659	Botrytis	cinerea	Fungi	VIG 00153		
6901	8660	Nigrospora	oryzae	Fungi	VIG 00151		
6902	8661	Aspergillus	terreus	Fungi	Xyl – 2F		
6903	8662	Trichoderma	koningii	Fungi	VIG 00149		
6904	8663	Periconia	byssoides	Fungi	VIG 00157		
6905	8664	Penicillium	madriti	Fungi	VIG 00147		
6906	8665	Nodulisporium	sp.	Fungi	VIG 00156		
6907	8666	Fusarium	lateritium	Fungi			
6908	8667	Penicillium	miczynskii	Fungi			
6909	8668	Graphium	sp.	Fungi	138a.2.7.05		
6910	8669	Diaporthe	sp.	Fungi	138b.2.7.05		
6911	8670	Nectria	sp.	Fungi	136c.2.7.05		
6912	8671	Bipolaris	sp.	Fungi	139.2.7.05		
6913	8672	Fusarium	subglutinans	Fungi	138c.7.03		
6914	8673	Aspergillus	fumigatus	Fungi			
6915	8674	Aspergillus	versicolor	Fungi			
6916	8675	Fusarium	oxysporum	Fungi	123c.7.03		
6917	8676	Thyronectria	sp.	Fungi	142a.7.03		
6918	8677	Gliocladium	roseum	Fungi	142b.7.05		
6919	8678	Scopulariopsis	brevicaulis	Fungi	Silk 82		
6920	8679	Aspergillus	versicolor	Fungi	Silk 83		
6921	8680	Aspergillus	versicolor	Fungi			

6922	8681	Cytospora	sp.	Fungi	140.07.03		
6923	8682	Valsa	sp.	Fungi	145c.07.03		
6924	8683	Valsella	sp.	Fungi	145b.07.03		
6925	8684	Cytospora	sp	Fungi	145a.7.03		
6926	8685	Lasiodiplodia	sp.	Fungi	145d.07.03		
6927	8686	Lasiodiplodia	sp.	Fungi	145b.07.03		
6928	8687	Pyrenochaeta	sp.	Fungi	150.07.03		
6929	8688	Trichoderma	koningii	Fungi	T4		
6930	8689	Trichoderma	harzianum	Fungi	T1		
6931	8690	Trichoderma	harzianum	Fungi	T2		
6932	8691	Trichoderma	harzianum	Fungi	T3		
6933	8692	Periconia	byssoides	Fungi	127a.7.03		
6934	8693	Paecilomyces	lilacinus	Fungi			
6935	8694	Aphanoascus	saturnoideus	Fungi	B-36		
6936	8695	Valsa	sp.	Fungi	151c.07.03		
6937	8696	Coronophora	sp.	Fungi	151a.07.03		
6938	8697	Nectria	sp.	Fungi	152a.07.03		
6939	8698	Lasiodiplodia	sp.	Fungi	152b.07.03		
6940	8699	Trichoderma	koningii	Fungi	TVP-3		
6941	8700	Cytospora	sp.	Fungi	153c.07.03		
6942	8701	Arthrobacter	sp.	Actinomycetes	33		
6943	8703	Bacillus	licheniformis	Bacteria	DR2		
6944	8704	Burkholderia	multivorans	Bacteria	NG1		
6945	8705	Stenotrophomonas	maltophilia	Bacteria	A-BYM		
6946	8706	Pantoea	dispersa	Bacteria	PSB1A		
6947	8707	Exiguobacterium	acetylicum	Bacteria	PSB1P		
6948	8708	Serratia	marcescens	Bacteria	SRM		
6949	8709	Bacillus	flexus	Bacteria	IV		
6950	8710	Bacillus	pumilus	Bacteria	C (31) D		
6951	8711	Lactobacillus	fermentum	Bacteria	SJ-2-1		
6952	8712	Lactobacillus	rhamnosus	Bacteria	SJ-8-1		
6953	8713	Bacillus	licheniformis	Bacteria	NS/J-1		
6954	8714	Bacillus	cereus	Bacteria	NS/J-2		
6955	8715	Bacillus	cereus	Bacteria	NS/J-3		
6956	8716	Bacillus	cereus	Bacteria	NS/J-4		
6957	8717	Paenibacillus	thiaminolyticus	Bacteria	NS/J-5		
6958	8718	Bacillus	mycoides	Bacteria	NBRITC 34		
6959	8719	Burkholderia	cepacia	Bacteria	NBRIT 8		
6960	8720	Bacillus	sp.	Bacteria	NBRIT 28		
6961	8721	Bacillus	circulans	Bacteria	NBRIT 42		
6962	8722	Streptomyces	claruligerus	Actinomycetes	MP562		
6963	8723	Streptomyces	tricolor	Actinomycetes	MP525		
6964	8724	Streptomyces	praecox	Actinomycetes	NP302		
6965	8725	Bacillus	licheniformis	Bacteria	MML2501		
6966	8726	Streptomyces	fungicidicus	Actinomycetes	MML1614		
6967	8727	Pseudomonas	aeruginosa	Bacteria	MML2212		
6968	8728	Arthrobacter	protophormiae	Actinomycetes	SUK1201		
6969	8730	Corynebacterium	sp.	Bacteria	SKPD1204		

6970	8731	Kurthia	gibsonii	Bacteria	SUK1205		
6971	8733	Bacillus	cereus	Bacteria	RAP-1		
6972	8734	Flanobacterium	limicola	Bacteria	MTCC 8734T		
6973	8735	Arthrobacter	sp.	Actinomycetes	RL		
6974	8736	Streptomyces	noursei	Actinomycetes	NCP		
6975	8737	Rhodotorula	mucilaginoso var. mucilaginoso	Yeasts	0133-Y-AP—IICT		
6976	8738	Bacillus	sphaericus	Bacteria	BTP-3 X		
6977	8741	Pseudomonas	stutzeri	Bacteria	M1		
6978	8742	Psychrobacter	pacificensis	Bacteria	RB-1		
6979	8743	Bacillus	pumilus	Bacteria	RB-2		
6980	8744	Pseudomonas	aeruginosa	Bacteria	RB-3		
6981	8745	Pseudomonas	aeruginosa	Bacteria	RB4		
6982	8746	Pseudomonas	aeruginosa	Bacteria	RB5		
6983	8748	Ochrobactrum	anthropi	Bacteria	RGK		
6984	8750	Bacillus	cereus	Bacteria	BLS-CAS		
6985	8751	Chromobacterium	sp.	Bacteria	PCIW06		
6986	8752	Bacillus	sp.	Bacteria	TSIW33		
6987	8753	Chromobacterium	sp.	Bacteria	PCIW24		
6988	8754	Bacillus	cereus	Bacteria	D (43) K		
6989	8755	Bacillus	megaterium	Bacteria	D (42) B		
6990	8756	Rhodopseudomonas	sp.	Bacteria	A- 1		
6991	8762	Arthrobacter	sp.	Actinomycetes	PON4		
6992	8763	Rhodanobacter	sp.	Bacteria	PON8		
6993	8764	Arthrobacter	sp.	Actinomycetes	PN3		
6994	8765	Rhodococcus	sp.	Bacteria	PN8		
6995	8767	Salmonella	enterica ser. typhi	Bacteria	SRC		
6996	8768	Streptomyces	albospinus	Actinomycetes	CD-01		
6997	8769	Streptomyces	somaliensis	Actinomycetes	CD-07		
6998	8770	Streptomyces	aureofaciens	Actinomycetes	RK-46		
6999	8771	Streptomyces	californicus	Actinomycetes	A1		
7000	8772	Kocuria	marinus	Actinomycetes	APL-1		

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
7001	8773	Staphylococcus	arlettae	Bacteria	APL-2		
7002	8774	Ralstonia	mannitolilytica	Bacteria	APL-3		
7003	8775	Lysinibacillus	fusiformis	Bacteria	1		
7004	8776	Bacillus	cereus	Bacteria	2		
7005	8777	Micrococcus	luteus	Actinomycetes	4		
7006	8778	Diplodia	sp.	Fungi	153b.07.03		
7007	8779	Aspergillus	sojiae	Fungi	100928		CBS 100928, IMI 191300, ,
7008	8780	Fusarium	oxysporum	Fungi	F1		
7009	8781	Trichoderma	harzianum	Fungi	TVP4		
7010	8782	Fusarium	subglutinans	Fungi	F2		
7011	8783	Trichoderma	harzianum	Fungi	TVP2		
7012	8784	Rhizopus	oryzae	Fungi			
7013	8785	Sclerotinia	sclerotiorum	Fungi	SSVP		
7014	8786	Discosia	sp.	Fungi	147a.10.03		
7015	8787	Valsella	sp.	Fungi	158c.10.03		
7016	8788	Eutypella	sp.	Fungi	158e		
7017	8789	Aspergillus	terreus	Fungi	F2		
7018	8790	Aspergillus	flavus	Fungi	F6		
7019	8791	Aspergillus	flavus	Fungi	F4		
7020	8792	Fusarium	verticillioides	Fungi			
7021	8793	Fusarium	lateritium	Fungi	F3		
7022	8794	Fusarium	lateritium	Fungi	FVP		
7023	8795	Aureobasidium	pullulans var. melanigenum	Fungi	149a.10.03		
7024	8796	Aspergillus	foetidus	Fungi	LS1		
7025	8797	Trichoderma	koningii	Fungi	LS2		
7026	8798	Aspergillus	fumigatus	Fungi	Xyl – 1FTH		
7027	8799	Trichoderma	harzianum	Fungi	TETV – DARANG		
7028	8800	Aspergillus	lanosus	Fungi	650.74		CBS 650.74, IMI 130727, ,
7029	8801	Hemicarpenites	paradoxus	Fungi	643.95		CBS 643.95, ,
7030	8802	Talaromyces	wortmanii	Fungi	SF1		
7031	8803	Fusarium	sacchari	Fungi	Myco – 95/06		CBS 121683, ,
7032	8804	Bartalinia	robillardoides	Fungi	153 d		
7033	8805	Apophysomyces	elegans	Fungi	Myco – 476/07		
7034	8806	Rhizomucor	pusillus	Fungi	F7		
7035	8807	Aspergillus	terreus	Fungi			
7036	8808	Aspergillus	heteromorphus	Fungi	F8		
7037	8809	Aspergillus	heteromorphus	Fungi	F9		
7038	8810	Aspergillus	heteromorphus	Fungi	F1		
7039	8811	Aspergillus	heteromorphus	Fungi	F5		
7040	8812	Aspergillus	terreus	Fungi	F3		
7041	8813	Phoma	tropica	Fungi	234		
7042	8814	Periconia	britannica	Fungi	154.1.05		
7043	8815	Endothiella	sp.	Fungi	155a.1.05		
7044	8816	Diatrype	sp.	Fungi	158b.1.05		
7045	8817	Arthrinium	sphaerospermu	Fungi	158d.1.05		

			m				
7046	8818	Aspergillus	heteromorphus	Fungi	VCJ3		
7047	8819	Paecilomyces	variotii	Fungi	Ujnpm		
7048	8820	Trichoderma	koningii	Fungi	LS-4		
7049	8821	Nectria	sp.	Fungi	161b		
7050	8822	Cytospora	sp.	Fungi	159b.1.05		
7051	8823	Didymosphaeria	sp.	Fungi	231.4.1.05		
7052	8824	Valsella	sp.	Fungi	251.3.1.05		
7053	8825	Cephalosporiopsis	sp.	Fungi	246.3.1.05		
7054	8826	Periconia	minutissima	Fungi	248.3.1.05		
7055	8827	Diplodia	sp.	Fungi	156.3.1.05		
7056	8828	Sirodothis	sp.	Fungi	157.2.1.05		
7057	8829	Pithomyces	atro-olivaceus	Fungi	229.4.1.05		
7058	8830	Aplosporella	sp.	Fungi	255.4.1.05		
7059	8831	Valsa	sp.	Fungi	166.1.1.05		
7060	8832	Botryosphaeria	sp.	Fungi	153a.4.1.05		
7061	8833	Fusarium	lateritium	Fungi	146.2.10.05		
7062	8834	Aspergillus	flavus	Fungi	Myco – 640/2007		
7063	8835	Aspergillus	flavus	Fungi	AF 020		
7064	8836	Aspergillus	flavus	Fungi	AF 025		
7065	8837	Aspergillus	flavus	Fungi	AF 030		
7066	8838	Aspergillus	flavus	Fungi	AF 081		
7067	8839	Aspergillus	awamori	Fungi	AF 155		
7068	8840	Aspergillus	awamori	Fungi	AF 161		
7069	8841	Aspergillus	tamaris	Fungi	AS 170		
7070	8842	Fusarium	fujikuroi	Fungi	TBA-1		
7071	8843	Aspergillus	ochraceoroseus	Fungi	550.77		CBS550.77, ATCC38873, IMI223071, ,
7072	8844	Hemicarpenates	ornatus	Fungi	124.53		CBS124.53,ATCC1 6921,IMI055295, ,
7073	8845	Aspergillus	oryzae var. oryzae	Fungi	100925		CBS100925, IMI16266, CBS102.07,, CBS110.47,
7074	8846	Aspergillus	oryzae var. brunneus	Fungi	817.72		CBS817.72, ,
7075	8847	Neosartorya	stramenia	Fungi	498.65		CBS498.65, ATCC16895, IFO9611,, IMI172293,
7076	8848	Aspergillus	pallidus	Fungi	344.67		CBS 344.67, ATCC 18327, IMI129967, ,
7077	8849	Hemicarpenates	paradoxus	Fungi	527.65		CBS527.65, ATCC16918, IFO8172,, IMI061446,
7078	8850	Aspergillus	parasiticus	Fungi	100926		CBS100926,IMI159 57VI,ATCC1018,AT CC6474,, ATCC786 5,IFO4082,IFO4351 ,IMI15957,, IMI1595 7II,IMI15957IV,IMI1 5957IX
7079	8851	Aspergillus	parvulus	Fungi	136.61		CBS136.61,ATCC1

							6911,IMI086558, ,
7080	8852	Aspergillus	penicilliformis	Fungi	622.67		CBS622.67, ATCC18328, IMI129968,, IMI132431,
7081	8853	Aspergillus	petrakii	Fungi	105.57		CBS105.57,ATCC1 6885,IMI172291, ,
7082	8854	Aspergillus	peyronelli	Fungi	122.58		CBS122.58, ATCC16840, IMI139271, ,
7083	8855	Aspergillus	proliferans	Fungi	121.45		CBS121.45,ATCC1 6922,CBS528.65,I MI016105, ,
7084	8856	Aspergillus	protruberus	Fungi	602.74		CBS602.74, ATCC18990, ,
7085	8857	Aspergillus	pseudodeflectu s	Fungi	756.74		CBS756.74, IMI278381, ,
7086	8858	Aspergillus	pulvinus	Fungi	578.65		CBS578.65, ATCC16842, IMI139628, ,
7087	8859	Aspergillus	puniceus	Fungi	495.65		CBS 495.65, ATCC 16800, IMI 126692, ,
7088	8860	Emericella	quadrilineata	Fungi	591.65		CBS591.65, ATCC16816, IMI089351, ,
7089	8861	Aspergillus	raperi	Fungi	123.56		CBS123.56, ATCC16917, IFO6416,, IMI070949,
7090	8862	Aspergillus	recurvatus	Fungi	496.65		CBS496.65, ATCC16809, IMI136528, ,
7091	8863	Aspergillus	restrictus	Fungi	117.33		CBS117.33,ATCC1 6912,CBS541.65,I MI016267, ,
7092	8864	Aspergillus	rhizopodus	Fungi	450.75		CBS 450.75, ,
7093	8865	Aspergillus	robustus	Fungi	649.93		CBS649.93, CBS428.77, ,
7094	8866	Aspergillus	sepultus	Fungi	257.85		CBS257.85, ATCC58705, IMI294498, ,
7095	8867	Aspergillus	silvaticus	Fungi	128.55		CBS128.55, ATCC16843, ATCC46904,, IFO8173, IMI061456,
7096	8868	Conidiobolus	coronatus	Fungi	209.66		CBS209.66, ATCC28846, ,
7097	8869	Cunninghamella	bertholletiae	Fungi	190.84		CBS190.84, ,
7098	8870	Simplicillium	sp.	Fungi	D 9		
7099	8871	Aspergillus	sp.	Fungi			
7100	8872	Aspergillus	brunneouniseri atus	Fungi			
7101	8873	Aspergillus	crystallinus	Fungi	BTCF-58		
7102	8874	Aspergillus	aculeatus	Fungi	BTCF-68		
7103	8875	Trichoderma	harzianum	Fungi			
7104	8876	Aspergillus	foetidus	Fungi			
7105	8877	Aspergillus	fumigatus	Fungi			
7106	8878	Aspergillus	versicolor	Fungi			

7107	8879	Aspergillus	heteromorphus	Fungi	125		
7108	8880	Arthrographis	sp.	Fungi	F2		
7109	8881	Phoma	tropica	Fungi	214.4.03		
7110	8882	Colletotrichum	gloeosporioides	Fungi	FC1		
7111	8883	Colletotrichum	gloeosporioides	Fungi	FM4		
7112	8884	Colletotrichum	sp.	Fungi	FW1		
7113	8885	Diaporthe	sp.	Fungi	209.4.03		
7114	8886	Diaporthe	sp.	Fungi	237.3.03		
7115	8887	Diaporthe	sp.	Fungi	232.3.03		
7116	8888	Valsella	sp.	Fungi	254.4.03		
7117	8889	Valsa	sp.	Fungi	236.3.03		
7118	8890	Cytospora	sp.	Fungi	216.4.03		
7119	8891	Nectria	sp.	Fungi	244.3.03		
7120	8892	Alternaria	sp.	Fungi	229.3.03		
7121	8893	Didymosphaeria	sp.	Fungi	239.3.03		
7122	8894	Graphium	sp.	Fungi	257.9.03		
7123	8895	Simplicillium	sp.	Fungi	210.5.03		
7124	8896	Xylaria	sp.	Fungi	205.4.03		
7125	8897	Penicillium	citrinum	Fungi			
7126	8898	Neosartorya	spinosa	Fungi			
7127	8899	Dictyoportha	sp.	Fungi	242.3.03		
7128	8900	Eutypella	sp.	Fungi	245.3.03		
7129	8901	Arenimonas	donghaensis	Bacteria	MTCC 8901T		
7130	8904	Pseudomonas	fluorescens	Bacteria	102354		
7131	8907	Pseudomonas	stutzeri	Bacteria	IV		
7132	8910	Rhizobium	undicola	Bacteria	105883/ORS992		CIP 105883, LMG 11875, ATCC 700741, ,
7133	8911	Klebsiella	pneumoniae	Bacteria	101 – B – AGR – IICT		
7134	8912	Paenibacillus	macerans	Bacteria	NBRFT5		
7135	8913	Bacillus	pumilus	Bacteria	NBRFT9		
7136	8914	Pseudomonas	aeruginosa	Bacteria	III b		
7137	8915	Bacillus	licheniformis	Bacteria	5		
7138	8916	Bacillus	mycoides	Bacteria	13		
7139	8917	Rhizobium	radiobacter	Bacteria	SSRI		
7140	8918	Bacillus	cereus	Bacteria	S1		
7141	8919	Brevundimonas	diminuta	Bacteria	22A		
7142	8920	Bacillus	mycoides	Bacteria	22E		
7143	8921	Bacillus	megaterium	Bacteria	4:00 AM		
7144	8922	Bacillus	amyloliquefaciens	Bacteria	100 ART		
7145	8923	Micrococcus	luteus	Actinomycetes	D (43) A		
7146	8924	Staphylococcus	haemolyticus	Bacteria	HSB – 2		
7147	8925	Ochrobactrum	intermedium	Bacteria	Xyl – IB HA		
7148	8926	Paenibacillus	koreensis	Bacteria	Xyl – 2B		
7149	8927	Serratia	marcescens	Bacteria	DT–1		
7150	8928	Microbacterium	terregens	Bacteria	DT – 5		
7151	8929	Providencia	rettgeri	Bacteria	DT – 6		
7152	8930	Serratia	ficaria	Bacteria	DTC		
7153	8931	Serratia	marcescens	Bacteria	DTP		
7154	8933	Escherichia	coli	Bacteria	PUPI 191		

7155	8934	Escherichia	coli	Bacteria	PUC18.16		
7156	8936	Escherichia	coli	Bacteria	PDK 101.53		
7157	8938	Cryptococcus	flavescens	Yeasts	MB2		
7158	8939	Sporobolomyas	bannaensis	Yeasts	GB 1		
7159	8940	Agromyces	luteolus	Bacteria	94		
7160	8941	Paenibacillus	larvae	Bacteria	106		
7161	8942	Paenibacillus	macerans	Bacteria	177		
7162	8943	Microbacterium	schleiferi	Bacteria	404		
7163	8944	Bacillus	megaterium	Bacteria	VSB/RDT/16S		
7164	8945	Exiguobacterium	aestuarii	Bacteria	VSB/RDT/17S		
7165	8946	Kocuria	sp.	Bacteria	VSB/RDT/18S		
7166	8947	Kocuria	carniphila	Bacteria	VSB/RDT/20 S		
7167	8948	Bacillus	subtilis	Bacteria	VSB/RDT/23 S		
7168	8959	Bacillus	licheniformis	Bacteria	AS-S-24 II		
7169	8960	Bacillus	subtilis	Bacteria	AS-S10 II		
7170	8961	Kocuria	varians	Bacteria	As. S20 I		
7171	8962	Enterobacter	amnigenus	Bacteria	MB1		
7172	8963	Corynebacterium	striatum	Bacteria	SILB - P		
7173	8964	Bacillus	pumilus	Bacteria	SILB - X		
7174	8979	Bacillus	subtilis	Bacteria	C-1		
7175	8980	Staphylococcus	hominis	Bacteria	MK-1		
7176	8982	Sphingobium	sp.	Bacteria	HDUC-5		
7177	8984	Pseudomonas	fragi	Bacteria	CSIIRH1		
7178	8985	Pseudomonas	sp.	Bacteria	PCR7 (2)		
7179	8986	Pseudomonas	sp.	Bacteria	RT6RP		
7180	8990	Pseudomonas	panipatensis	Bacteria	ESP-1		
7181	8991	Sphingomonas	sp.	Bacteria	SM-1		
7182	8992	Sphingomonas	sp.	Bacteria	SM- 115		
7183	8995	Bacillus	thuringiensis	Bacteria	VLBt-1		
7184	8996	Bacillus	thuringiensis	Bacteria	VLBt-2		
7185	8997	Bacillus	thuringiensis	Bacteria	VLBt-6		
7186	8998	Bacillus	thuringiensis	Bacteria	VLBt-7		
7187	8999	Pseudomonas	sp.	Bacteria	PPERs23		
7188	9000	Pseudomonas	sp.	Bacteria	PGERs17		
7189	9001	Pseudomonas	sp.	Bacteria	PCRs4		
7190	9002	Pseudomonas	sp.	Bacteria	NARs9		
7191	9003	Bacillus	subtilis	Bacteria	A12		
7192	9004	Ochrobactrum	intermedium	Bacteria	A - CD		
7193	9005	Rhodococcus	ruber	Bacteria	B - PD		
7194	9014	Paenibacillus	macerans	Bacteria	D1		
7195	9015	Bacillus	subtilis	Bacteria	D2		
7196	9016	Paenibacillus	macerans	Bacteria	D3		
7197	9017	Bacillus	cereus	Bacteria	2028		
7198	9018	Kocuria	rosea	Bacteria	NBRFT 2		
7199	9020	Sphingomonas	sp.	Bacteria	SM-17		
7200	9021	Bacillus	endophyticus	Bacteria	NBRFT 4		
7201	9022	Stenotrophomonas	maltophilia	Bacteria	3		
7202	9023	Bacillus	subtilis	Bacteria	LS - 3		

7203	9024	Klebsiella	pneumoniae	Bacteria	A2		
7204	9025	Bacillus	thuringiensis	Bacteria	N5		
7205	9026	Ochrobactrum	anthropi	Bacteria	BMO-111		
7206	9029	Pichia	sp.	Yeasts	YS 110		
7207	9030	Pichia	sp.	Yeasts	YS111		
7208	9031	Wickerhamomyces	anomalus	Yeasts	YS117		
7209	9032	Pichia	fermentans	Yeasts	YS118		
7210	9033	Pichia	manshurica Saito	Yeasts	YS119		
7211	9034	Trichosporon	jirovecii	Yeasts	YS120		
7212	9035	Trichosporon	jirovecii	Yeasts	YS121		
7213	9036	Trichosporon	jirovecii	Yeasts	YS 123		
7214	9037	Trichosporon	asahhii	Yeasts	YS124		
7215	9038	Candida	tropicalis	Yeasts	KB-41		
7216	9039	Brevibacillus	invocatus	Bacteria	AKS-2		
7217	9040	Staphylococcus	epidermidis	Bacteria	Strain A		
7218	9041	Staphylococcus	epidermidis	Bacteria	Strain B		
7219	9042	Bradyrhizobium	denitrificans	Bacteria	Yellow Strain		
7220	9043	Pseudomonas	aeruginosa	Bacteria	Reddish strain		
7221	9047	Pseudomonas	aeruginosa	Bacteria	MC		
7222	9048	Pseudomonas	aeruginosa	Bacteria	PS II		
7223	9050	Fusarium	lateritium	Fungi	SCF-8		
7224	9051	Torula	herbarum var.quaternella	Fungi	222.4.03		
7225	9052	Torula	herbarum var.quaternella	Fungi	212.5.03		
7226	9053	Diatrypella	sp.	Fungi	208.4.03		
7227	9054	Pseudorobillarda	sp.	Fungi	194b.5.03		
7228	9055	Peroneutypa	sp.	Fungi	235.3.03		
7229	9056	Torula	herbarum var.quaternella	Fungi	247.3.03		
7230	9057	Didymosphaeria	sp.	Fungi	249.3.03		
7231	9058	Hypoxylon	sp.	Fungi	218.4.03		
7232	9059	Nectria	sp.	Fungi	250.3.03		
7233	9060	Eutypa	sp.	Fungi	253.3.03		
7234	9061	Didymosphaeria	sp.	Fungi	211.5.03		
7235	9062	Penicillium	oxalicum	Fungi	TMPS3		
7236	9063	Penicillium	pinophilum	Fungi	TMPS2		
7237	9064	Aspergillus	flavus	Fungi			
7238	9065	Diatrype	sp.	Fungi	274.1.03		
7239	9066	Diatrype	sp.	Fungi	262.3.03		
7240	9067	Diarimella	setulosa	Fungi	213.5.03		
7241	9068	Diaporthe	sp.	Fungi	243.3.03		
7242	9069	Diaporthe	sp.	Fungi	276.1.03		
7243	9070	Eutypella	sp.	Fungi	227		
7244	9071	Hypoxylon	sp.	Fungi	290.03		
7245	9072	Sporothrix	sp.	Fungi	267.1.03		
7246	9073	Talaromyces	flavus	Fungi			
7247	9074	Lecanicillium	sp.	Fungi	EM-350		

7248	9075	Pestalotiopsis	sp.	Fungi	287.03		
7249	9076	Pithomyces	ellisii	Fungi	207.4.03		
7250	9077	Peroneutypa	sp.	Fungi	252.3.03		
7251	9078	Pithomyces	ellisii	Fungi	270.3.03		
7252	9079	Didymosphaeria	sp.	Fungi	256.4.03		
7253	9080	Periconia	byssoides	Fungi	258.4.03		
7254	9081	Leptosphaeria	sp.	Fungi	266.1.03		
7255	9082	Periconia	atra	Fungi	219.4.03		
7256	9083	Valsa	sp.	Fungi	297.03		
7257	9084	Aspergillus	foetidus	Fungi	TMPS1		
7258	9085	Trichoderma	viride	Fungi	281.8.05		
7259	9086	Chrysosporium	queenslandicum	Fungi	PA11		
7260	9087	Simplicillium	sp.	Fungi	284.8.05		
7261	9088	Diatrype	sp.	Fungi			
7262	9089	Rhodesia	sp.	Fungi	260.4.05		
7263	9090	Epithyrium	sp.	Fungi	265.4.05		
7264	9091	Eutypella	sp.	Fungi	265.1.05		
7265	9092	Eutypella	sp.	Fungi	296.8.05		
7266	9093	Monilia	sp.	Fungi	NF104		
7267	9094	Leptosphaeria	sp.	Fungi	240.3.05		
7268	9095	Diaporthe	sp.	Fungi	157.1.05		
7269	9096	Nectria	sp.	Fungi	152a.5.03		
7270	9097	Leptosphaeria	sp.	Fungi	141a.2.03		
7271	9098	Eutypella	sp.	Fungi	273.2.05		
7272	9099	Cladosporium	sphaerospermum	Fungi	P.10		
7273	9100	Discosia	sp.	Fungi	160.5.03		
7274	9105	Terribacillus	halophilus	Bacteria	JCM21760		
7275	9106	Terribacillus	saccharophilus	Bacteria	JCM21759		
7276	9109	Bacillus	subtilis	Bacteria	JPU		
7277	9110	Kocuria	carniphila	Bacteria	M0306CP		
7278	9111	Kocuria	carniphila	Bacteria	M0306		
7279	9123	Deinococcus	sp.	Bacteria	39X		
7280	9124	Enterobacter	amnigenus	Bacteria	CE-1		
7281	9125	Enterobacter	cloacae	Bacteria	VCJ-1		
7282	9126	Pseudomonas	aeruginosa	Bacteria	VCJ-2		
7283	9127	Leifsonia	sp.	Bacteria	PON10		
7284	9128	Bacillus	sp.	Bacteria	PN5		
7285	9129	Paenibacillus	polymyxa	Bacteria	As- S24 I		
7286	9130	Xanthobacter	flavus	Bacteria	R 4		
7287	9131	Streptomyces	noursei	Actinomycetes	ABM		
7288	9133	Sporosarcina	ureae	Bacteria			
7289	9134	Burkholderia	sp.	Bacteria	ATSB 13		
7290	9135	Burkholderia	sp.	Bacteria	ATSB 16		
7291	9138	Schizosaccharomyces	pombe var. pombe	Yeasts	ABP-439		
7292	9142	Citrobacter	freundii	Bacteria	MATHE-1		
7293	9143	Citrobacter	sedlakii	Bacteria	MATHE-2		
7294	9144	Escherichia	hermannii	Bacteria	MATHE-3		

7295	9145	Enterobacter	cloacae	Bacteria	B4		
7296	9146	Mucor	zychae	Fungi	301.8.05		
7297	9147	Malbranchea	gypsea	Fungi	P.11		
7298	9148	Chrysosporium	tropicum	Fungi	P.8		
7299	9149	Trichothecium	roseum	Fungi	P.2		
7300	9150	Chrysosporium	tropicum	Fungi	P.3		
7301	9151	Microsporum	gypseum	Fungi	P1		
7302	9152	Cunninghamella	elegans	Fungi	DAP10		
7303	9153	Aspergillus	awamori	Fungi	DAP8		
7304	9155	Aspergillus	aculeatus	Fungi	DAP9		
7305	9156	Aspergillus	aculeatus	Fungi	DAP13		
7306	9157	Scopulariopsis	brevicaulis	Fungi	P5		
7307	9158	Gymnoascus	sp.	Fungi	P9		
7308	9159	Gliocladium	roseum	Fungi	DAP 14		
7309	9160	Alternaria	sp.	Fungi	DAP 15		
7310	9161	Trichoderma	harzianum	Fungi	DAP 16		
7311	9162	Fusarium	subglutinans	Fungi	SS1		
7312	9163	Trichoderma	koningii	Fungi	DAP 20		
7313	9164	Aspergillus	parasiticus	Fungi	MKU-S		
7314	9165	Phoma	sp.	Fungi	DAP 24		
7315	9166	Aspergillus	awamori	Fungi			
7316	9167	Aspergillus	flavus	Fungi			
7317	9168	Pectinotrichum	llanense	Fungi	MKU-NS		
7318	9169	Aspergillus	aculeatus	Fungi	DAP 30		
7319	9170	Rhizomucor	pusillus	Fungi	DAP 22		
7320	9171	Trichoderma	koningii	Fungi	DAP 25		
7321	9172	Aspergillus	flavus	Fungi	DAP28		
7322	9173	Trichoderma	longibrachiatum	Fungi	DAP27		
7323	9174	Fusarium	solani	Fungi	DAP21		
7324	9175	Penicillium	citrinum	Fungi	DAP23		
7325	9176	Penicillium	capsulatum	Fungi	301.48		CBS 301.48, ATCC 10420, DSM 2210,, IMI 040576,
7326	9177	Penicillium	caseifulfum	Fungi	101134		CBS101134, ,
7327	9178	Penicillium	chalybeum	Fungi	254.87		CBS254.87, ,
7328	9179	Penicillium	chalybeum	Fungi	255.87		CBS255.87, ,
7329	9180	Penicillium	charlessi	Fungi	304.48		CBS304.48, ATCC8730, IMI040232, ,
7330	9181	Penicillium	chermesinum	Fungi	231.81		CBS 231.81, IFO 31745, IMI 191730, ,
7331	9182	Penicillium	clavigerum	Fungi	310.48		CBS 310.48, ATCC 10427, IMI 039807, ,
7332	9183	Penicillium	coalescens	Fungi	103.83		CBS 103.83, ,
7333	9184	Penicillium	commune	Fungi	311.48		CBS311.48, ATCC10428, ATCC1111,, DSM2211, IFO5763, IMI039812, ,
7334	9185	Penicillium	coralligerum	Fungi	123.65		CBS 123.65, ATCC

							16968, IFO 9578,, IMI099159,
7335	9186	Penicillium	corynephorum	Fungi	256.87		CBS256.87, IMI288724, ,
7336	9187	Penicillium	cremeogriseum	Fungi	223.66		CBS223.66, ATCC18320, ATCC18323,, IMI197492,
7337	9188	Penicillium	cyaneum	Fungi	315.48		CBS315.48, ATCC10432, IFO5337,, IMI039744,
7338	9189	Penicillium	daleae	Fungi	211.28		CBS211.28, ATCC10435, DSM2449,, IFO6087, IMI034910,
7339	9190	Penicillium	dendriticum	Fungi	660.8		CBS660.80, IMI216897, ,
7340	9191	Penicillium	dierckxii	Fungi	185.81		CBS185.81, IMI0922216, ,
7341	9192	Penicillium	dimorphosporu m	Fungi	456.7		CBS456.70, ATCC22783, ATCC52501,, IMI149680,
7342	9193	Pleurotus	florida	Fungi	PFJ4		
7343	9194	Pleurotus	florida	Fungi	PFJ5		
7344	9195	Fusarium	subglutinans	Fungi	DAP33		
7345	9196	Aspergillus	sparsus	Fungi	139.61		CBS139.61, ATCC16851, IMI019394, ,
7346	9197	Aspergillus	speluneus	Fungi	497.65		CBS497.65, ATCC16838, ,
7347	9198	Aspergillus	subolivaceus	Fungi	501.65		CBS501.65, ATCC16862, IMI044882, ,
7348	9199	Aspergillus	subsessilis	Fungi	502.65		CBS502.65, ATCC16808, IMI135820, ,
7349	9200	Aspergillus	terreus var.africanus	Fungi	130.55		CBS130.55, ATCC16792, IMI0614157, ,
7350	9202	Bacillus	fumarioli	Bacteria	TB163		
7351	9207	Micrococcus	luteus	Actinomycetes	AH3		
7352	9208	Kocuria	rosea	Actinomycetes	AH 5		
7353	9210	Staphylococcus	pasteuri	Bacteria	MVIT-1		
7354	9215	Candida	krusei	Yeasts			
7355	9216	Clavispora	lusitaniae	Yeasts	SC1		
7356	9217	Clavispora	lusitaniae	Yeasts	SC-2		
7357	9218	Cryptococcus	sp.	Yeasts	803		
7358	9219	Rhodospordiu m	sp.	Yeasts	849		
7359	9220	Cryptococcus	sp.	Yeasts	864		
7360	9221	Cryptococcus	sp.	Yeasts	870		
7361	9222	Rhodotorula	sp.	Yeasts	906		
7362	9223	Rhodotorula	sp.	Yeasts	907		
7363	9235	Bacillus	sp.	Bacteria	L- I		
7364	9236	Pseudomonas	aeruginosa	Bacteria	MP - I		
7365	9237	Chryseobacteri	joostei	Bacteria	C - I		

		um					
7366	9238	Klebsiella	pneumoniae	Bacteria	MP – II		
7367	9239	Cryptococcus	sp.	Yeasts	862		
7368	9240	Burkholderia	cepacia	Bacteria	TMPSB13		
7369	9241	Pantoea	agglomerans	Bacteria	TMPSB–P1		
7370	9242	Proteus	mirabilis	Bacteria	TMPSB2		
7371	9257	Aspergillus	thomii	Fungi	120.51		CBS120.51, ATCC16859, IFO8135, ,
7372	9258	Aspergillus	toxicarius	Fungi	822.72		CBS822.72, ATCC22789, IFO30109,, IMI089717,
7373	9259	Aspergillus	unilateralis	Fungi	126.56		CBS126.56, ATCC16902, IFO8136,, IMI062876,
7374	9260	Aspergillus	varians	Fungi	505.65		CBS505.65, ATCC16836, IFO4114,, IMI172297,
7375	9261	Trichoderma	harzianum	Fungi	H169		
7376	9262	Aspergillus	heteromorphus	Fungi			
7377	9263	Phomopsis	stipata	Fungi	GuFCC46		
7378	9264	Aspergillus	zhaogingensis	Fungi	399.93		CBS399.93, ,
7379	9265	Aspergillus	zonatus	Fungi	506.65		CBS506.65, ATCC16867, IFO8817,, IMI124936,
7380	9266	Penicillium	adametzii	Fungi	209.28		CBS209.28, ATCC10407, DSM1178,, IMI039751,
7381	9267	Penicillium	aethiopicum	Fungi	484.84		CBS484.84, IMI285524, ,
7382	9268	Penicillium	citreonigrum	Fungi	164.81		CBS164.81, IMI253797, ,
7383	9269	Penicillium	allahabadense	Fungi	453.93		CBS453.93, ATCC15067, CBS304.63, ,
7384	9270	Penicillium	allii	Fungi	131.89		CBS131.89, ATCC64868, ,
7385	9271	Penicillium	antarcticum	Fungi	100492		CBS100492, ,
7386	9272	Penicillium	aragonense	Fungi	171.81		CBS171.81, IMI253790, ,
7387	9273	Cladosporium	sp.	Fungi	76.9.05		
7388	9274	Alysidium	sp.	Fungi	83b.10.05		
7389	9275	Penicillium	ardesiacum	Fungi	497.73		CBS497.73, ATCC24719, IMI174719, ,
7390	9276	Penicillium	arenicola	Fungi	220.66		CBS220.66, ATCC18321, ATCC18330,, DSM1435, IMI117658,
7391	9277	Penicillium	argillaceum	Fungi	101.69		CBS101.69, IMI156096, ,
7392	9278	Penicillium	asturianum	Fungi	173.81		CBS173.81, IMI253788, ,
7393	9279	Penicillium	atramentosum	Fungi	291.48		CBS291.48,

							ATCC10104, IFO8137,, IMI039752,
7394	9280	Penicillium	atrosanguineu m	Fungi	380.75		CBS380.75, IMI197488, ,
7395	9281	Penicillium	atrovenetum	Fungi	241.56		CBS241.56, ATCC13352, IFO8138,, IMI061837,
7396	9282	Penicillium	aurantiacum	Fungi	314.59		CBS314.59, ATCC13216, IMI099722, ,
7397	9283	Penicillium	brasilianum	Fungi	253.55		CBS253.55, ATCC12072, ,
7398	9284	Penicillium	canescens	Fungi	300.48		CBS300.48, ATCC10419, DSM1215,, IMI28260,
7399	9285	Masoniomyces	sp.	Fungi	89.4.05		
7400	9286	Fracchiacea	sp.	Fungi	66.3.05		
7401	9287	Diaporthe	sp.	Fungi	107.2.05		
7402	9288	Trichoderma	harzianum	Fungi	DAP32		
7403	9289	Trichoderma	atroviride	Fungi	DAP41		
7404	9290	Trichoderma	harzianum	Fungi	DAP38		
7405	9291	Sporidesmium	sp.	Fungi	101.4.05		
7406	9292	Trichobotrys	effusa	Fungi	92 a.05		
7407	9293	Myceliophthora	fergusii	Fungi	NK12		
7408	9294	Malbranchea	pulchella var. sulfurea	Fungi	NK –106		
7409	9295	Athelia	rolfsii	Fungi	FS4		
7410	9296	Fusarium	subglutinans	Fungi	FS1		
7411	9297	Colletotrichum	gloeosporioides	Fungi	FS2		
7412	9298	Torula	herbarum	Fungi	80.9.10.05		
7413	9299	Aspergillus	awamori	Fungi	VCJ–4		
7414	9300	Arthrinium	sphaerospermu m	Fungi	83.a.10.05		
7415	9301	Pseudomonas	sp.	Bacteria	M–3		
7416	9302	Bacillus	sp.	Bacteria	Mol –8		
7417	9303	Pseudomonas	sp.	Bacteria	WH–2		
7418	9304	Bacillus	sp.	Bacteria	CHE– 2		
7419	9306	Bacillus	sp.	Bacteria	CHE–1		
7420	9308	Roseomonas	sp.	Bacteria	SK 65		
7421	9309	Rhodosporidiu m	sp.	Yeasts	RSS–312		
7422	9310	Rhodosporidiu m	sp.	Yeasts	RSS–322		
7423	9311	Cryptococcus	sp.	Yeasts	APSS–823		
7424	9312	Rhodotorula	sp.	Yeasts	APSS–908		
7425	9313	Symptodiomyco psis	sp.	Yeasts	APSS–8A		
7426	9314	Wickerhamiella	sp.	Yeasts	9A2		
7427	9315	Rhodotorula	mucilaginoso	Yeasts	BU–1		
7428	9316	Melomastia	sp.	Fungi	106.4.10.05		
7429	9317	Lecanicillium	sp.	Fungi	87.4.10.05		
7430	9318	Leptosphaeria	sp.	Fungi	98.2.10.05		
7431	9319	Dothidea	sp.	Fungi	111.2.10.05		

7432	9320	Nectria	sp.	Fungi	85.10.05		
7433	9321	Syncephalastrum	racemosum	Fungi	71		
7434	9322	Mucor	racemosus var. chibinensis	Fungi	Silk		
7435	9323	Aspergillus	ochraceus	Fungi	88a.10.05		
7436	9324	Cytospora	sp.	Fungi	69.10.05		
7437	9325	Alternaria	sp.	Fungi	64		
7438	9326	Phoma	tropica	Fungi	Silk60		
7439	9327	Alternaria	sp.	Fungi	Silk79		
7440	9328	Aspergillus	sydowii	Fungi	Silk80		
7441	9329	Aspergillus	fumigatus	Fungi	LCBF2		
7442	9330	Rhizomucor	pusillus	Fungi	LCBF1		
7443	9331	Thermomyces	lanuginosus	Fungi	NK26		
7444	9332	Rhinochlaidiella	sp.	Fungi	NIOCCF13		
7445	9333	Cladosporium	sphaerospermum	Fungi	NIOCCF13		
7446	9334	Exophiala	xenobiotica	Fungi	NIOCCF46		
7447	9335	Colletotrichum	gloeosporioides	Fungi	FC2		
7448	9336	Aspergillus	versicolor	Fungi	NIOCCF6		
7449	9337	Lecanicillium	muscarium	Fungi	NIOCCF30		
7450	9338	Trichoderma	atroviride	Fungi	39T		
7451	9339	Tilletiopsis	albescens	Fungi	NIOCCF21		
7452	9340	Simplicillium	sp.	Fungi	NIOCCPF49		
7453	9341	Sagenomella	sclerotialis	Fungi	NIOCCF48		
7454	9342	Glomerella	cingulata	Fungi			
7455	9343	Colletotrichum	gloeosporioides	Fungi	FB2		
7456	9345	Cladosporium	cladosporioides	Fungi	NIOCC#F8		
7457	9346	Exophiala	dermatitidis	Fungi	NIOCC#F50		
7458	9347	Penicillium	waksmanii	Fungi	NIOCC#F2		
7459	9348	Beauveria	bassiana	Fungi			
7460	9349	Aspergillus	flavus	Fungi	GDF		
7461	9350	Malbranchea	gypsea	Fungi	SCF-NERIST		
7462	9351	Epicoccum	purpurascens	Fungi	BCF-NERIST		
7463	9352	Aspergillus	sydowii	Fungi			
7464	9353	Aspergillus	caesiellus	Fungi	NIOCCF47		
7465	9354	Sagenomella	sclerotialis	Fungi	NIOCCF15		
7466	9355	Fusarium	solani	Fungi			
7467	9356	Cladosporium	cladosporioides	Fungi	LF1		
7468	9357	Chaetomium	sp.	Fungi	BD2		
7469	9358	Pestalotiopsis	sp.	Fungi			
7470	9359	Pestalotiopsis	sp.	Fungi	NIOCC#8V		
7471	9360	Phomopsis	sp.	Fungi	NIOCC#IV		
7472	9361	Sagenomella	sclerotialis	Fungi	NIOCC#F23		
7473	9362	Chaetomium	globosum	Fungi	LF2		
7474	9363	Bipolaris	australiensis	Fungi	LF3		
7475	9364	Memnoniella	echinata	Fungi	LF4		
7476	9365	Chaetomella	raphigera	Fungi	LF6		
7477	9366	Aspergillus	awamori	Fungi	Otto-1		
7478	9367	Aspergillus	flavus	Fungi	SP1		
7479	9368	Myrothecium	roridum	Fungi	CICRMR1		

7480	9369	Myrothecium	roridum	Fungi	CICRMR2		
7481	9370	Myrothecium	roridum	Fungi	CICRMR3		
7482	9371	Myrothecium	roridium	Fungi	CICRMR4		
7483	9372	Aspergillus	fumigatus	Fungi	BN-5		
7484	9373	Hypoxylon	sp.	Fungi	1.1.08		
7485	9374	Diaporthe	sp.	Fungi	1.7.08		
7486	9375	Fusarium	proliferatum	Fungi	An-2		
7487	9376	Haptocillium	sp.	Fungi	31		
7488	9377	Lasiodiplodia	sp.	Fungi	1.16.08		
7489	9378	Eutypella	sp.	Fungi	1.8.08		
7490	9379	Trichoderma	inhamatum	Fungi	5.1.08		
7491	9380	Trichoderma	harzianum	Fungi	12.1.08		
7492	9381	Tritirachium	sp.	Fungi	11		
7493	9382	Diaporthe	sp.	Fungi	1.9.08		
7494	9383	Hypoxylon	sp.	Fungi	1.18.08		
7495	9384	Malbranchea	gypsea	Fungi	5		
7496	9385	Scytalidium	lignicola	Fungi	1.20.08		
7497	9386	Trichoderma	lactea	Fungi	1.22.08		
7498	9387	Fusisporella	sp.	Fungi	1.23.08		
7499	9388	Peninsula	bilaiiae	Fungi	31a		
7500	9389	Aspergillus	fumigatus	Fungi	IICT138Bgx		
7501	9390	Aspergillus	flavus	Fungi			
7502	9391	Aspergillus	heteromorphus	Fungi	IICT-135Bgx		
7503	9392	Penicillium	purpurogenum	Fungi	IICT.137		
7504	9393	Aspergillus	terreus	Fungi	IICT136Bgx		
7505	9394	Curvularia	tuberculata	Fungi	VIG268		
7506	9395	Fusicoccum	sp.	Fungi	LF12		
7507	9396	Fusarium	solani	Fungi	M/Ph-D1		
7508	9397	Tilletiopsis	albescens	Fungi	NIOCCF33		
7509	9398	Pithomyces	flavus	Fungi	LF11		
7510	9399	Nigrospora	sphaerica	Fungi	LF9		
7511	9400	Fusarium	equiseti	Fungi	16		
7512	9401	Klebsiella	pneumoniae	Bacteria	BIS - 01		
7513	9402	Bacillus	sp.	Bacteria	S5 (T) 16		
7514	9403	Burkholderia	ubonensis	Bacteria	S4 (T) 9		
7515	9404	Psychrobacillus	insolitus	Bacteria	DSM5T		
7516	9405	Acinetobacter	sp.	Bacteria	TS IW21		
7517	9406	Acinetobacter	sp.	Bacteria	TS IW 37		
7518	9407	Acinetobacter	sp.		TD IW10		
7519	9408	Acinetobacter	sp.	Bacteria	TSIW29		
7520	9409	Bacillus	thuringiensis	Bacteria	TMPSB-P2		
7521	9410	Staphylococcus	epidermidis	Bacteria	TMPSB-D10		
7522	9411	Bacillus	cereus	Bacteria	TMPSB-8		
7523	9413	Bacillus	licheniformis	Bacteria	TMPSB-DI		
7524	9414	Bacillus	cereus	Bacteria	TMPSB-20		
7525	9415	Bacillus	licheniformis	Bacteria	RK - 1		
7526	9416	Bacillus	agaradhaerens	Bacteria	NP - 2b		
7527	9417	Bacillus	sp.	Bacteria	KI8101		
7528	9418	Bacillus	sp.	Bacteria	SB 19		
7529	9419	Symfrodomyces	sp.	Yeasts	MP-8		

		psis					
7530	9420	Symptodiomyco psis	sp.	Yeasts	MP-10		
7531	9421	Symptodiomyco psis	sp.	Yeasts	MP-12		
7532	9422	Cryptococcus	sp.	Yeasts	BI-195		
7533	9423	Cryptococcus	sp.	Yeasts	BI-295		
7534	9425	Pseudomonas	aeruginosa	Bacteria	CMER&TI /0/01		
7535	9438	Leifsonia	sp.	Bacteria	SPC 20		
7536	9439	Paenibacillus	sp..	Bacteria	KFC91		
7537	9440	Paenibacillus	sp.	Bacteria	KFC93		
7538	9445	Brachybactrium	paraconglomer atum	Bacteria	BMIT 637C		
7539	9446	Bacillus	licheniformis	Bacteria	BMIT 5ii		
7540	9447	Bacillus	subtilis	Bacteria	BMT4i		
7541	9448	Blastobotrys	adeninivorans	Yeasts	CBS 8244		CBS 8244, IFO 10858, NRRL, Y-17692, IGC 4638,
7542	9450	Trichosporon	asahii	Yeasts	MSR-54		
7543	9451	Microvirga	sp.	Bacteria	PCA19		
7544	9454	Rhizobium	rosettiformans	Bacteria	W3		
7545	9455	Sphingopyxis	sp.	Bacteria	DS15		
7546	9456	Sphingobium	lucknowense	Bacteria	F2		
7547	9457	Sphingobuim	sp.	Bacteria	W1		
7548	9458	Rhodotorula	sp.	Yeasts	NIOCC# Y1		
7549	9459	Sporidiobolus	johnsonii	Yeasts	NIOCC#Y2		
7550	9460	Rhodosporidiu m	toruloides	Yeasts	NIOCC #Y3		
7551	9461	Sporidiobolus	johnsonii	Yeasts	NIOCC#44		
7552	9462	Sporidiobolus	johnsonii	Yeasts	NIOCC # Y5		
7553	9463	Sporidiobolus	johnsonii	Yeasts	NIOCC # Y6		
7554	9464	Rhodotorula	sp.	Yeasts	NIOCC # Y7		
7555	9465	Rhodotorula	mucilaginoso	Yeasts	NIOCC # Y10		
7556	9466	Cryptococcus	vishniacii	Yeasts	NIOCC #P Y12		
7557	9467	Cryptococcus	vishniacii	Yeasts	NIOCC #P Y13		
7558	9468	Bacillus		Bacteria	KPJ		
7559	9470	Bacillus	selenatarsenati s	Bacteria	MTCC 9470T		
7560	9471	Sphingobium	lactosutens	Bacteria	DS20		
7561	9472	Sphingobium	quisquiliarum	Bacteria	P25		
7562	9473	Sphingomonas	histidinilytica	Bacteria	UM2		
7563	9475	Flavobacterium	aquidurense	Bacteria	B		
7564	9476	Pseudomonas	sp.	Bacteria	gb 3		
7565	9478	Coniosporium	perforans	Fungi	NIOCC #Y8		
7566	9479	Virgibacillus	pantothenticus	Bacteria	SM 2 A		
7567	9480	Bacillus	niacini	Bacteria	MTCC 9480T		
7568	9481	Bacillus	drentensis	Bacteria	MTCC 9481T		
7569	9482	Bacillus	solii	Bacteria	MTCC 9482T		
7570	9483	Lactobacillus	plantarum	Bacteria	GLn: R1		
7571	9484	Pediococcus	pentosaceus	Bacteria	GLn: R2		
7572	9485	Lactobactcillus	plantarum	Bacteria	KG: B1		
7573	9487	Leuconostoc	fallax	Bacteria	KB: C1		

7574	9488	Acinetobacter	radioresistens	Bacteria	B1		
7575	9489	Paenibacillus	polymyxa	Bacteria	PSB-1		
7576	9490	Bacillus	cereus	Bacteria	NA		
7577	9491	Bacillus	sp.	Bacteria	Bs14		
7578	9492	Escherichia	coli	Bacteria	EC		
7579	9493	Proteus	mirabilis	Bacteria	Proteus mirabilis		
7580	9494	Lactobacillus	sp.	Bacteria	CL		
7581	9495	Lactobacillus	plantarum	Bacteria	LR/16		
7582	9496	Lactobacillus	plantarum	Bacteria	LR/3		
7583	9498	Lactobacillus	sp.	Bacteria	SL		
7584	9499	Pseudomonas	aeruginosa	Bacteria	PGSV4207		
7585	9500	Herbaspirillum	autotrophicum	Bacteria	DSM 732T		
7586	9502	Flavobacterium	aquatile	Bacteria	DSM1132T		
7587	9503	Lactobacillus	plantarum	Bacteria	Mel-2		
7588	9505	Undibacterium	pigrum	Bacteria	DSM 19792T		
7589	9507	Bacillus	sp.	Bacteria	Strain 1		
7590	9508	Rhodococcus	sp.	Actinomycetes	Strain 1		
7591	9509	Klebsiella	pneumoniae	Bacteria	Sc 1.2		
7592	9510	Lactobacillus	plantarum	Bacteria	MC1		
7593	9511	Lactobacillus	plantarum	Bacteria	CB2		
7594	9512	Bacillus	halodurans	Bacteria	DAVV		
7595	9513	Aquaspirillum	arcticum	Bacteria	DSM644T		
7596	9514	Rhodotorula	crocea	Yeasts	CBS 5950		CBS5950, MUCL 30625, ,
7597	9515	Rhodotorula	sp.	Yeasts	MSR01		
7598	9516	Trichosporon	sp.	Yeasts	MSR-23		
7599	9517	Yarrowia	lipolytica	Yeasts	MSR-80		
7600	9518	Yarrowia	lipolytica	Yeasts	MSR-81		
7601	9519	Yarrowia	lipolytica	Yeasts	MSR-83		
7602	9520	Yarrowia	lipolytica	Yeasts	MSR-84		
7603	9521	Yarrowia	lipolytica	Yeasts	MSR-85		
7604	9522	Cnadida	sp.	Yeasts	MSR-100		
7605	9523	Lysinibacillus	sphaericus	Bacteria	SM-18 a		
7606	9524	Bacillus	sp.	Bacteria	SM-10		
7607	9526	Lysinibacillus	sp.	Bacteria	BC- 7a		
7608	9527	Serratia	marcescens	Bacteria	Colony I		
7609	9528	Bacillus	pantothenticus	Bacteria	Colony II		
7610	9529	Stenotrophomonas	maltophilia	Bacteria	Strain No. 1		
7611	9530	Bacillus	pumilus	Bacteria	Strain No. 2		
7612	9531	Bacillus	megaterium	Bacteria	Strain No. 3		
7613	9532	Lysinibacillus	boronitolerans	Bacteria	Strain No. 4		
7614	9533	Acinetobacter	junii	Bacteria	Strain no. 5		
7615	9537	Escherichia	coli	Bacteria	H-133B		
7616	9538	Staphylococcus	epidermidis	Bacteria	BP/ SU1		
7617	9540	Staphylococcus	thirmophilus	Bacteria	SA1S		
7618	9541	Escherichia	coli	Bacteria	SA 11C		
7619	9542	Staphylococcus	aureus	Bacteria	RB 13U1		
7620	9543	Shigella	flexneri	Bacteria	SB8U3		
7621	9544	Klebsiella	pneumoniae	Bacteria	WB3T1		

7622	9552	Microvirga	subterranea	Bacteria	DSM 14364T		
7623	9553	Bacillus	amyloliquefaciens	Bacteria	B41		
7624	9554	Bacillus	megaterium	Bacteria	MR9		
7625	9555	Bacillus	licheniformis	Bacteria	NB2		
7626	9556	Enterobacter	ludwigii	Bacteria	Sample1		
7627	9557	Lysinibacillus	boronitolerans	Bacteria	P1		
7628	9558	Bacillus	sp.	Bacteria	P2		
7629	9559	Bacillus	sp.	Bacteria	ASSP 9		
7630	9560	Ochrobactrum	intermedium	Bacteria	CdsP 9		
7631	9561	Rhodospiridium	kratochvilovae	Yeasts	CBS 7436		CBS 7436, NRRLY- 17384, IFO 10493,, IAM 13072, CCY 62-3-1, IGC 4583,, MUCL 31974
7632	9562	Rhodospiridium	kratochvilovae	Yeasts	JCM 10449		JCM 10449, IGC 4818, ,
7633	9563	Rhodospiridium	kratochvilovae	Yeasts	JCM 10450		JCM 10450, IGC 4819, ,
7634	9564	Rhodospiridium	toruloides	Yeasts	JCM 10297		JCM 10297, IF08766, CBS 6016,, NBRC 8766, NRRLY-6987,
7635	9565	Rhodospiridium	toruloides	Yeasts	JCM 10021		JCM 10021, CBS 34A, ATCC 10657,, IAM 12256, IFO 0880, NBRC 0880,, NRRL- 18533.
7636	9566	Rhodotorula	crocea	Yeasts	CBS 2029		CBS 2029, ATCC 32764, IFO 0951,, NRRL YB- 3658, UCD 52-14, MUCL, 30422
7637	9567	Symptodiomyopsis	paphiopadili	Yeasts	CBS 7429		CBS 7429, IAM 13459, IGC 5543, JCM, 8318,
7638	9568	Corndida	albicans	Yeasts	A-1		
7639	9572	Aureobasidium	pullulans var. pullulans	Yeasts	CBS. 584.75		CBS 584.75, ,
7640	9573	Cryptococcus	victoriae	Yeasts	CBS 8685		CBS 8685, CECT 11114, ,
7641	9574	Bacillus	pocheonensis	Bacteria	MTCC 9574T		
7642	9575	Yaniella	halotolerans	Actinomycetes	MTCC*9575		DSM*15476, JCM13527, YIM70085, ,
7643	9576	Yaniella	flava	Actinomycetes	MTCC*9576		DSM16377, KCTC19047, YIM70178, ,
7644	9578	Sphingobacterium	spiritivorum	Bacteria	B2		
7645	9579	Enterobacter	asburiae	Bacteria	B3		
7646	9580	Alishewanella	fetalis	Bacteria	DSM-16032		
7647	9582	Bacillus	sp.	Bacteria	JU-116b		
7648	9583	Proteus	mirabilis	Bacteria	JU-117		
7649	9584	Bacillus	pumilus	Bacteria	JU-118		
7650	9585	Bacillus	tequilensis	Bacteria	JU/44		
7651	9589	Staphylococcus	sp.	Bacteria	LFA		
7652	9591	Bacillus	cereus	Bacteria	SG I		

7653	9592	Bacillus	sp.	Bacteria	88 D		
7654	9593	Bacillus	sp.	Bacteria	87 I		
7655	9594	Urosporella	sp.	Fungi	1.10.08		
7656	9595	Bipolaris	australiensis	Fungi	WALT		
7657	9596	Rhizomucor	pusillus	Fungi			
7658	9597	Spegazzinia	tessartha	Fungi	LF10		
7659	9598	Trichoderma	atroviride	Fungi	14.1.08		
7660	9599	Scytalidium	dimidiatum	Fungi	30.01.08		
7661	9600	Myrothecium	roridum	Fungi	CICRMR5		
7662	9601	Alternaria	sp.	Fungi	IEXX-IHBTLeaf1		
7663	9602	Phomopsis	sp.	Fungi	NIOCC#16V		
7664	9603	Phomopsis	sp.	Fungi	28.01.08		
7665	9604	Simplicillium	obclavatum	Fungi	7T1		
7666	9605	Rhizopus	oryzae	Fungi			
7667	9606	Aspergillus	flavus	Fungi	Aspergillus VY		
7668	9607	Aspergillus	flavus	Fungi			
7669	9608	Curvularia	tuberculata	Fungi			
7670	9609	Lentinus	sp.	Fungi	Py73		
7671	9610	Lentinus	sp.	Fungi	Py58		
7672	9611	Aspergillus	clavato-nanicus	Fungi	Penicillium VY		
7673	9612	Corioloopsis	byrsina	Fungi	NIOCC#15V		
7674	9613	Lepista	sp.	Fungi	Py86		
7675	9614	Eurotium	chevalieri	Fungi	34.8.08		
7676	9615	Diplodia	sp.	Fungi	34.08.08		
7677	9616	Fusarium	lateritium	Fungi	11.08.08		
7678	9617	Alternaria	alternata	Fungi			
7679	9618	Aspergillus	terreus	Fungi	FS-32		
7680	9619	Aspergillus	heteromorphus	Fungi			
7681	9620	Penicillium	citrinum	Fungi	30		
7682	9621	Paecilomyces	farinosus	Fungi	F7		
7683	9622	Fusarium	solani	Fungi	DEF3		
7684	9623	Collectotrichum	gloeosporioides	Fungi	S-96		
7685	9624	Penicillium	griseoroseum	Fungi			
7686	9625	Aspergillus	awamori	Fungi	GHRTS		
7687	9626	Aspergillus	fumigatus var.ellipticus	Fungi	5		
7688	9627	Aspergillus	flavus	Fungi	6		
7689	9628	Aspergillus	candidus	Fungi	2		
7690	9629	Cunninghamella	echinulata	Fungi			
7691	9630	Aspergillus	awamori	Fungi	S19		
7692	9631	Aspergillus	awamori	Fungi	S29		
7693	9632	Aspergillus	awamori	Fungi	S33		
7694	9633	Aspergillus	awamori	Fungi	S36		
7695	9634	Nigrospora	musae	Fungi	MIETFN30		
7696	9635	Fusarium	proliferatum	Fungi	1		
7697	9636	Aspergillus	awamori	Fungi	3		
7698	9637	Trichoderma	citrinoviride	Fungi	FA-06		
7699	9638	Aspergillus	foetidus	Fungi	FA-19		
7700	9639	Aspergillus	flavus	Fungi			

7701	9640	Rhizoctonia	sp.	Fungi	3		
7702	9641	Trichoderma	atroviride	Fungi			
7703	9642	Rhizopus	oryzae	Fungi	PR7		
7704	9643	Neocosmospora	sp.	Fungi	FA-03		
7705	9644	Aspergillus	awamori	Fungi	GOP3		
7706	9645	Aspergillus	awamori	Fungi	GOP7		
7707	9646	Simplicillium	sp.	Fungi	1		
7708	9647	Acremonium	glaucum	Fungi	CBS796.69		CBS796.69, ,
7709	9648	Acremonium	acutatum	Fungi	682.71		CBS682.71, ATCC32209, IMI185374, ,
7710	9649	Acremonium	bactrocephalum	Fungi	CBS749.69		CBS749.69, ,
7711	9650	Acremonium	arxii	Fungi	CBS748.69		CBS748.69, ,
7712	9651	Aspergillus	fumigatus	Fungi			
7713	9652	Aspergillus	niger	Fungi	FIST1		
7714	9653	Aspergillus	versicolor	Fungi	FIST2		
7715	9654	Emericella	nidulans var. nidulans	Fungi	FIST4		
7716	9655	Cladosporium	sphaerospermum	Fungi	YK-16		
7717	9656	Emericella	nidulans var. lata	Fungi	FIST104		
7718	9657	Aspergillus	fumigatus	Fungi	RF5		
7719	9658	Fusarium	equiseti	Fungi	BD1		
7720	9659	Natarajania	indica	Fungi	GUFCC5240		
7721	9660	Colletotrichum	gloeosporioides	Fungi	GUFCC3261		
7722	9661	Colletotrichum	gloeosporioides	Fungi	GUFCC3262		
7723	9662	Colletotrichum	gloeosporioides	Fungi	GUFCC3263		
7724	9663	Colletotrichum	Colletotrichum gloeosporioides	Fungi	GUFCC3264		
7725	9664	Colletotrichum	gloeosporioides	Fungi	GUFCC3265		
7726	9665	Colletotrichum	gloeosporioides	Fungi	GUFCC3266		
7727	9666	Rhizoctonia	solani	Fungi	MV1		
7728	9667	Fusarium	solani	Fungi	UAS 045		
7729	9668	Fusarium	solani	Fungi	UAS 046		
7730	9669	Schizophyllum	commune	Fungi	SAT- 2		
7731	9670	Schizophyllum	commune	Fungi	SAT- 3		
7732	9671	Fusarium	solani	Fungi	R 1		
7733	9672	Aspergillus	fumigatus	Fungi	ShP- 2		
7734	9673	Mucor	odoratus	Fungi	Shp- 1		
7735	9674	Caliciopsis	indica	Fungi	GUFCC 4947		
7736	9675	Trichoderma	oblongiosporum	Fungi	THB 1		
7737	9676	Trichoderma	strictipile	Fungi	TMP 1		
7738	9677	Trichoderma	koningii	Fungi	TWN1		
7739	9678	Trichoderma	koningii	Fungi	TWC 2		
7740	9679	Stachybotrys	echinata	Fungi	GUFCC-3171		
7741	9680	Bahusutrabeeja	dwaya	Fungi	GUFCC 4904		
7742	9681	Trichoderma	viride	Fungi	Tv-CARI-16 (Tv-16)		
7743	9682	Corynespora	cambrensis	Fungi	GUFCC- 4973		
7744	9683	Corynespora	cambrensis	Fungi	G4FCC- 5411		

7745	9684	Aspergillus	awamori	Fungi	GUFCC 5418		
7746	9685	Aspergillus	unguis	Fungi	GUFCC- 5431		
7747	9686	Trichoderma	harzianum	Fungi	Thr-CARI-17 (Thr-17)		
7748	9687	Aspergillus	niger	Fungi	GUFCC 5443		
7749	9688	Corynespora	casiicola	Fungi	GUFFCC- 5445		
7750	9689	Aspergillus	flavus	Fungi	GUFCC- 5471		
7751	9690	Fusarium	proliferatum	Fungi	KG-1A		
7752	9691	Colletotrichum	capsici	Fungi	C2.17.2.		
7753	9692	Alternaria	sp.	Fungi	C2.28.1		
7754	9693	Trichoderma	harzianum	Fungi	Thr-CARI-13 (Thr-13)		
7755	9694	Fusarium	lateritium	Fungi	1% 3\ 2.1		
7756	9695	Coprinus	cinereus	Fungi	AT-1		
7757	9696	Fusarium	proliferatum	Fungi	NOB-110		
7758	9697	Fusarium	oxysporum	Fungi	SS01		
7759	9698	Rattania	setulifera	Fungi	GUFCC 15501		
7760	9699	Trichoderma	viride	Fungi	Th-CARI-15 (Thr-15)		
7761	9700	Ceriporia	lacerata	Fungi	DSR 1		
7762	9704	Alcaligenes	sp.	Bacteria	FFA1		
7763	9705	Alcaligenes	paradoxus	Bacteria	FFA3		
7764	9707	Bacillus	coagulans	Bacteria	Isolate 15		
7765	9708	Bacillus	pantothenicus	Bacteria	N.A.		
7766	9710	Yamadazyma	mexicana	Yeasts	1835		JCM 1835, ATCC 42175, CBS 7066, IFO, 10544, NCCY 1483, NRRL Y-11818,
7767	9711	Pichia	nakazawal	Yeasts	JCM 7529		JCM 7529, CBS 6700, ATCC 28320, IFO, 28320, NRRLY- 7903,
7768	9712	Babjeviella	inositovora	Yeasts	JCM 10736		JCM 10736, CBS 8006, ATCC 44802,, IFO10335, NRRLY-12698, VKM Y-2494,
7769	9713	Pichia	media	Yeasts	JCM 10737		JCM 10737, CBS 5521, IFo 1824,, ATCC24033, NRRLY- 7122.,
7770	9714	Pichia	nakazawal var. akitaensis	Yeasts	JCM 10738		JCM 10738, CBS 6701, ATCC28321, Flo1669, NRRY- 7904,
7771	9715	Yamadazyma	philogaea	Yeasts	JCM 10739		JCM 10739, CBS 6696, ATCC28319, Flo10545 NRRY- 7813,
7772	9717	Scheffersomyces	spartinae	Yeasts	JCM 10741		JCM 10741, CBS 6059, IFo 1827,, NRRY Y- 7322,
7773	9720	Bacillus	circulans	Bacteria	K1		
7774	9721	Escherichia	coli	Bacteria	K2		
7775	9722	Arthrobacter	sp.	Actinomycetes	K5		
7776	9723	Bacillus	coagulans	Bacteria	A-1		
7777	9724	Streptococcus	sp.	Bacteria	ECW3		
7778	9725	Pseudomonas	poae	Bacteria	NM4RP1		
7779	9726	Pseudomonas	sp.	Bacteria	PB2RP1 (2)		

7780	9727	Bacillus	subtilis	Bacteria	RSP- GLU		
7781	9728	Enterococcus	sp.	Bacteria	MCMB 1040		
7782	9729	Lysinibacillus	fusiformis	Bacteria	MCMB-1020		
7783	9730	Alcaligenes	sp.	Bacteria	MCMB-1002		
7784	9731	Paracoccus	pantotrophus	Bacteria	MCMB-1014		
7785	9732	Rhodospiridium	sp.	Yeasts	334		
7786	9733	Rhodospiridium	sp.	Yeasts	825		
7787	9734	Rhodospiridium	sp.	Yeasts	827		
7788	9742	Cryptococcus	sp.	Yeasts	868		
7789	9743	Cryptococcus	sp.	Yeasts	868		
7790	9744	Rhodococcus	sp.	Actinomycetes	GM3		
7791	9745	Micrococcus	sp.	Actinomycetes	GM6		
7792	9746	Kurthia	sp.	Bacteria	PN1		
7793	9747	Escherichia	coli	Plasmids	PUC NA		
7794	9748	Lactobacillus	fermentum	Bacteria	BSL-1& BSL-2		
7795	9751	Klebsiella	pneumoniae	Bacteria	141B- APJ- IICT		
7796	9752	Raoultella	terrigena	Bacteria	143B- APJ- IICT		
7797	9753	Raoultella	terrigena	Bacteria	142 B-APT IICT		
7798	9754	Burkholderia	gladioli	Bacteria	TNCSF B 32		
7799	9755	Roseateles	terrae	Bacteria	TNCSF K-29		
7800	9756	Rhizobium	radiobacter	Bacteria	TNCSF K28		
7801	9757	Azospirillum	oryzae	Bacteria	TNCSF Aa13		Own isolate, ,
7802	9758	Azospirillum	brasilense	Bacteria	TNC5F-Ab1		
7803	9760	Staphylococcus	aureus	Bacteria	Isolate-3		
7804	9761	Bacillus	cereus	Bacteria	Isolate- 8		
7805	9762	Bacillus	cereus	Bacteria	Isolate-10		
7806	9763	Bacillus	subtilis	Bacteria	Isolate-20		
7807	9764	Pseudomonas	sp.	Bacteria	CT4RH2 (2)		
7808	9766	Rhizobium	leguminosarum	Bacteria	FB 1		
7809	9767	Pseudomonas	lurida	Bacteria	NPRs 3		
7810	9768	Ochrobactrum	intermedium	Bacteria	PBRs 4		
7811	9769	Kluyveromyces	marxianus	Yeasts	BSL-2		
7812	9770	Saccharomyas	cerevisiae	Yeasts	C1		
7813	9771	Saccharomyas	cerevisiae	Yeasts	NV1		
7814	9772	Torulaspora	sp.	Yeasts	805		
7815	9779	Microbacterium	leutolum	Actinomycetes	AG1		
7816	9780	Alcaligenes	faecalis	Bacteria	AG-3		
7817	9781	Achromobacter	denitrificans	Bacteria	AG-5		
7818	9782	Pseudomonas	putida	Bacteria	AG-45		
7819	9783	Pseudomonas	aeruginosa	Bacteria	M/Ph. D. - 4		
7820	9784	Enterobacter	cloacae	Bacteria	SSA		
7821	9785	Paenibacillus	larvae	Bacteria	SSB		
7822	9786	Bacillus	cereus	Bacteria	GN		
7823	9789	Pseudomonas	stutzeri	Bacteria	DI		
7824	9791	Kocuria	rhizophila	Bacteria	EAG- NBR1- 1		
7825	9792	Microbacterium	resistens	Actinomycetes	EAG- NBR1- 2		
7826	9794	Staphylococcus	cohnii subsp. Urealyticus	Bacteria	EAG- NBR1-5		

7827	9795	Pseudoalteromonas	nigrifaciens	Bacteria	DPS		
7828	9796	Pseudomonas	monteilii	Bacteria	CRC-1		
7829	9798	Cronobacter	dublinensis subspecies dublinensis	Bacteria	CRC-3		
7830	9800	Pseudomonas	aeruginosa	Bacteria	CRC-5		
7831	9801	Bacillus	sporothermodurans	Bacteria	9801T		
7832	9802	Bacillus	licheniformis	Bacteria	1		
7833	9803	Bacillus	cereus	Bacteria	2		
7834	9804	Bacillus	coagulans	Bacteria	3		
7835	9805	Bacillus	cereus	Bacteria	4		
7836	9807	Bacillus	licheniformis	Bacteria	6		
7837	9808	Paenibacillus	polymyxa	Bacteria	7		
7838	9809	Pseudomonas	nitroreducens	Bacteria	AL-3		
7839	9810	Achromobacter	xylooxidans	Bacteria	AL-5		
7840	9811	Bacillus	gibsonii	Bacteria	MTCC 9811T		
7841	9813	Brevundimonas	nasdae	Bacteria	MTCC 9813T		
7842	9814	Weissella	cibaria	Bacteria	MTCC 9814T		
7843	9816	Brevibacterium	frigoritolerans	Bacteria	HSB-15		
7844	9817	Bacillus	cereus	Bacteria	AKG-1		
7845	9818	Bacillus	cereus	Bacteria	AKG-II		
7846	9819	Acinetobacter	haemolyticus	Bacteria	MTCC9817T		
7847	9820	Acinetobacter	johnsonii	Bacteria	MTCC 9820T		
7848	9821	Acinetobacter	radioresistens	Bacteria	MTCC9821T		
7849	9822	Acinetobacter	baylyi	Bacteria	MTCC9822T		
7850	9826	Acinetobacter	ursingii	Bacteria	MTCC*9826		DSM*16037, NIPH*137, CNCTC*6735,, LMG*19575,
7851	9827	Acinetobacter	schindleri	Bacteria	MTCC*9827		DSM*16038, NIPH1034, CNCTC*6736, LM, G*19576,
7852	9828	Acinetobacter	parvus	Bacteria	MTCC*9828		DSM*16617, CCM*7030, CCVG*48866,, LMG*21765, NIPH*348,
7853	9829	Acinetobacter	baumanii	Bacteria	MTCC 9829T		
7854	9833	Pseudomonas	aeruginosa	Bacteria	MRL-SS-05		
7855	9838	Saccharomyces	cerevisiae	Yeasts	SRY		
7856	9842	Pseudozyma	sp.	Yeasts	SPJ		
7857	9843	Pseudozyma	sp.	Yeasts	SPCJ		
7858	9844	Salmonella	enterica	Bacteria	HBL/BAC-001		
7859	9845	Enterococcus	faecalis	Bacteria	HBL/BAC- 002/08-09		
7860	9847	Bacillus	subterraneus	Bacteria	MTCC 9847T		
7861	9848	Cohnella	hongkongensis	Bacteria	MTCC9848T		
7862	9849	Bacillus	shackletonii	Bacteria	MTCC 9849T		
7863	9852	Bacillus	nealsonii	Bacteria	MTCC 9852T		
7864	9853	Bacillus	boroniphilus	Bacteria	MTCC 9853T		
7865	9854	Cohnella	phaseoli	Bacteria	MTCC 9854T		
7866	9855	Cohnella	laeviribosi	Bacteria	MTCC9855T		
7867	9856	Pseudomonas	fluorescens	Bacteria	V 15		

7868	9857	Bacillus	licheniformis	Bacteria	I-26	
7869	9858	Pseudomonas	fluorescens	Bacteria	NEIST-02	
7870	9859	Cronobacter	sakazakii	Bacteria	Purified H2O isolate- 1	
7871	9860	Exiguobacterium	sp.	Bacteria	KK-1	
7872	9861	Bacillus	pumilus	Bacteria	SV-85S	
7873	9862	Bacillus	pumilus	Bacteria	SV- 205	
7874	9863	Cronobacter	sakazakii	Bacteria	Purified H2O isolate-2	
7875	9864	Pseudomonas	jessenii	Bacteria	PGRs 1	
7876	9865	Pseudomonas	koreensis	Bacteria	PBRs7	
7877	9866	Pseudomonas	mosselii	Bacteria	R1	
7878	9867	Bacillus	sp.	Bacteria	A1- 1	
7879	9868	Cronobacter	sakazakii	Bacteria	A1- 2	
7880	9869	Acinetobacter	baumannii	Bacteria	A2-2	
7881	9870	Microbacterium	testaceum	Actinomycetes	C1-4	
7882	9872	Bacillus	coagulans	Bacteria	FGB	
7883	9873	Enterobacter	ludwigii	Bacteria	SB1	
7884	9874	Brevibacillus	borstelensis	Bacteria	S638	
7885	9875	Bacillus	sp.	Bacteria	AS1	
7886	9876	Bacillus	sp.	Bacteria	AS2	
7887	9877	Bacillus	sp.	Bacteria	AS3	
7888	9878	Bacillus	subtilis	Bacteria	V. Sai	
7889	9879	Acinetobacter	sp.	Bacteria	I. D. 017/08	
7890	9880	Bacillus	sp.	Bacteria	H-4	
7891	9881	Bacillus	sp.	Bacteria	B- 1	
7892	9882	Debaryomyces	hansenii	Yeasts	TERI BETA-101	
7893	9883	Cronobacter	sakazakii	Bacteria	Purified H2O isolate- 3	
7894	9884	Brevibacterium	epidermidis	Bacteria	Env. Isolate- 1	
7895	9885	Kocuria	varians	Actinomycetes	Env. Isolate-2	
7896	9886	Staphylococcus	aureus	Bacteria	Env. Isolate-3	
7897	9887	Novosphingobium	sp.	Bacteria	TDIW02	
7898	9888	Novosphingobium	sp.	Bacteria	TDIW 05	
7899	9889	Microbulbifer	sp.	Bacteria	CMC-5	
7900	9890	Paenibacillus	sp.	Bacteria	5 LF 43 ID	
7901	9891	Acremonium	cymosum	Fungi	CBS762.69	CBS762.69, ,
7902	9892	Acremonium	byssoides	Fungi	321.72	CBS321.72, ATCC32204, IMI185371, ,
7903	9893	Acremonium	gamsii	Fungi	726.71	CBS726.71, ATCC26105, ,
7904	9894	Curvularia	eragrostidis	Fungi		
7905	9895	Acremonium	exiguum	Fungi	587.73	CBS587.73, ATCC32205, IMI185370, ,
7906	9896	Acremonium	borodinense	Fungi	CBS101148	CBS101148, IFO33057, ,
7907	9897	Fusarium	redolens f.sp.dianthi	Fungi	360.87	CBS360.87, ATCC16067, CBS248.61,, DSM62390,
7908	9898	Acremonium	brachypenium	Fungi	CBS866.73	CBS866.73, ATCC32206,

							IMI185376, ,
7909	9899	Aspergillus	terreus	Fungi	1		
7910	9900	Acremonium	cucurbitacearu m	Fungi	525.93		CBS525.93, ,
7911	9901	Acremonium	biseptum	Fungi	750.69		CBS750.69, ,
7912	9902	Acremonium	camptosporum	Fungi	756.69		CBS756.69, ,
7913	9903	Acremonium	flavum	Fungi	CBS596.70		CBS596.70, ATCC24621, ,
7914	9904	Acremonium	falciforme	Fungi	CBS475.67		CBS475.67, IMI268681, ,
7915	9905	Chaetomium	globosum	Fungi	4		
7916	9906	Stachybotrys	albipes	Fungi	6		
7917	9907	Fusarium	ramigenum	Fungi	CBS418.97		CBS418.97, IMI3735343, ,
7918	9908	Fusarium	robustum	Fungi	637.76		
7919	9909	Fusrium	sublunatum var. sublunatum	Fungi	189.84		CBS189.34, DSM 62431, ,
7920	9910	Fusarium	venenatum	Fungi	458.93		CBS458.93, ,
7921	9911	Fusarium	staphyleae	Fungi	502.94		CBS502.94, ATCC66906, IMI345891, ,
7922	9912	Aspergillus	awamori	Fungi	7		
7923	9913	Fusarium	oxysporum	Fungi	F2		
7924	9914	Fusarium	subglutianans	Fungi	F5		
7925	9915	Fusarium	subglutinans	Fungi	F7		
7926	9916	Fusarium	subglutinans	Fungi	F8		
7927	9917	Acremonium	dichromosporu m	Fungi	638.73		CBS638.73, ATCC32181, IMI185377, ,
7928	9918	Acremonium	alcalophilum	Fungi	114.92		CBS114.92, JCM7366, ,
7929	9919	Bolbitius	sp.	Fungi	Py83		
7930	9920	Clitocybe	sp.	Fungi	Py120		
7931	9921	Aspergillus	terreus	Fungi	Soil		
7932	9922	Epicoccum	purpurascens	Fungi			
7933	9923	Emericella	nidulans var.lata	Fungi			
7934	9924	Fusarium	larvarum var. rubrum	Fungi	638.76		CBS 638.76, ,
7935	9925	Fusarium	brevicatenulatu m	Fungi			CBS404.97, IMI 375329, ,
7936	9926	Fusarium	oxysporum var. cyclaminis	Fungi	159.57		CBS159.57, ATCC16061, DSM62316, ,
7937	9927	Fusarium	inflexum	Fungi	716.74		CBS716.74,DSM63 203, ,
7938	9928	Fusarium	guttiforme	Fungi	409.97		CBS409.97, ,
7939	9929	Fusarium	begoniae	Fungi	452.97		CBS452.97, ,
7940	9930	Fusarium	fujikuroi	Fungi	221.76		CBS221.76, IMI196086, IMI202879, ,
7941	9931	Fusarium	dimerum var. violaceum	Fungi	632.76		CBS632.76, ,
7942	9932	Fusarium	oxysporum f. sp. crotalariae	Fungi	211.58		CBS211.58, ,
7943	9933	Aspergillus	niger	Fungi	NP751		

7944	9934	Aspergillus	flavus	Fungi	DBF 5		
7945	9935	Aspergillus	ochraceus	Fungi	RKS117		
7946	9936	Exserohilum	turcicum	Fungi	RKS 114		
7947	9937	Fusarium	diaminii	Fungi	175.88		CBS175.88, ATCC58097, IMI290241, ,
7948	9938	Fusarium	polyphialidicum	Fungi	961.87		CBS961.87, IMI296456, ATCC60096, ,
7949	9939	Fusarium	lunulosporum	Fungi	636.76		CBS636.76, ATCC36747, IMI322097, ,
7950	9940	Fusarium	lateritium var. longum	Fungi	633.76		CBS633.76, ,
7951	9941	Fusarium	merismoides var. violaceum	Fungi	634.76		CBS634.76, ,
7952	9942	Fusarium	chlamydosporu m var. fuscum	Fungi	635.76		CBS 635.76, ,
7953	9943	Fusarium	acutatum	Fungi	402.97		CBS402.97, ,
7954	9944	Fusarium	lactis	Fungi	441.97		CBS411.97, IMI375351, ,
7955	9945	Fusarium	denticulatum	Fungi	407.97		CBS407.97, ,
7956	9946	Fusarium	beomiforme	Fungi	100160		CBS100160, ,
7957	9947	Fusarium	pyriforme	Fungi	841.85		CBS841.85, ,
7958	9948	Fusarium	nisikadoi	Fungi	456.97		CBS456.97, ,
7959	9949	Fusarium	acutatum	Fungi	739.97		CBS739.97,IMI375 327, ,
7960	9950	Fusarium	napiforme	Fungi	748.97		CBS748.97, ,
7961	9951	Fusarium	annulatum	Fungi	258.54		CBS258.54, IMI202878, ,
7962	9952	Aspergillus	flavus	Fungi	NSD08		
7963	9953	Fusarium	globosum	Fungi	428.97		CBS428.97, IMI375330, ,
7964	9954	Fusarium	pseudonygama i	Fungi	417.97		CBS417.97, IMI375342, ,
7965	9955	Fusarium	pseudoanthoph ilum	Fungi	414.97		CBS414.97, ,
7966	9956	Fusarium	oxysporum var. medicaginis	Fungi	179.29		CBS179.29, ,
7967	9957	Fusarium	oxysporum var. rhois	Fungi	220.49		CBS220.49, ,
7968	9958	Stachybotrys	albipes	Fungi	3		
7969	9959	Alternaria	sp.	Fungi	RKS133		
7970	9960	Rhizopus	oryzae	Fungi			
7971	9961	Aspergillus	flavus	Fungi	VS-26		
7972	9962	Trichoderma	koningii	Fungi	C 4		
7973	9963	Aspergillus	flavus	Fungi	C 3		
7974	9964	Acremonium	domschii	Fungi	764.69		CBS764.69, ,
7975	9965	Acremonium	brunnescens	Fungi	559.73		CBS559.73, ATCC32180, IMI185378, ,
7976	9966	Fusarium	oxysporum	Fungi	C6		
7977	9967	Beauveria	bassiana	Fungi	PBB-01		
7978	9968	Beauveria	bassiana	Fungi	PBB-02		
7979	9969	Aspergillus	clavatus	Fungi			
7980	9970	Penicillium	citrinum	Fungi	PR- 46		

7981	9971	Cunninghamella	echinulata	Fungi	IGKVPF-85		
7982	9972	Aspergillus	flavus	Fungi	4B		
7983	9973	Curvularia	eragrostidis	Fungi	IGKVPGF-17		
7984	9974	Aspergillus	awamori	Fungi	IGKVPF-2		
7985	9975	Trichoderma	harzianum	Fungi	Thr- 7		
7986	9976	Trichoderma	viride	Fungi	Tv- 3		
7987	9977	Trichoderma	viride	Fungi	Tv- 2		
7988	9978	Trichoderma	viride	Fungi	Tv- 5		
7989	9979	Trichoderma	harzianum	Fungi	Thr-5B		
7990	9980	Trichoderma	harzianum	Fungi	Thr-11		
7991	9981	Trichoderma	harzianum	Fungi	Thr- 5 M		
7992	9982	Trichoderma	harzianum	Fungi	Thr-1		
7993	9983	Cladosporium	cladosporioides	Fungi	GPCK 3160		
7994	9984	Cladosporium	cladosporioides	Fungi	GPCK 3161		
7995	9985	Acremonium	byssoides	Fungi	GPCK 3086		
7996	9987	Microsporum	gypseum	Fungi	GPCK 3067		
7997	9988	Aspergillus	allhabadii	Fungi			
7998	9989	Fusarium	acuminatum	Fungi	RKS 137		
7999	9990	Trichoderma	lactea	Fungi	Thm -1		
8000	9991	Penicillium	raistrickii	Fungi			

SR.	MTC C NO	Genus	Species	Organism	Stdain designation	Special features	AHIFPC/Equivalent to MTCC
8001	9992	Trichoderma	harzianum	Fungi	GPCK 3123		
8002	9993	Trichoderma	harzianum	Fungi	Thr- 3		
8003	9994	Cladosporium	cladosporioides	Fungi	GPCK 3162		
8004	9995	Cladosporium	cladosporioides	Fungi	GPCK 3163		
8005	9996	Cladosporium	cladosporioides	Fungi	GPCK 3164		
8006	9997	Aspergillus	awamori	Fungi			
8007	9998	Verticillium	dahliae	Fungi	177		
8008	9999	Penicillium	citrinum	Fungi	A811 (1)		
8009	1000 0	Nigrospora	sacchari	Fungi			
8010	1000 1	Bacillus	cereus	Bacteria	IS3		
8011	1000 2	Bacillus	sp.	Bacteria	PK-12		
8012	1000 3	Bacillus	sp.	Bacteria	PK- 14		
8013	1000 4	Bacillus	sp.	Bacteria	PK-7		
8014	1000 5	Bacillus	sp.	Bacteria	PK-6		
8015	1000 7	Pseudomonas	sp.	Bacteria	SPR-42		
8016	1000 8	Bacillus	licheniformis	Bacteria	MS- 6		
8017	1000 9	Moraxella	sp.	Bacteria	MS- 8		
8018	1001 0	Bacillus	subtilis	Bacteria	FI-11		
8019	1001 1	Bacillus	flexus	Bacteria	Sd-30		
8020	1001 2	Bacillus	circulans	Bacteria	PF6		
8021	1001 3	Alcaligenes	faecalis	Bacteria	Sd 22		
8022	1001 4	Pseudomonas	putida	Bacteria	MR€"1		
8023	1001 5	Pseudomonas	putida	Bacteria	MR2		
8024	1001 6	Geobacillus	stearothermophilus	Bacteria	P-1		
8025	1001 7	Geobacillus	stearothermophilus	Bacteria	P2		
8026	1001 8	Enterobacter	cloacae	Bacteria	MSA1		
8027	1001 9	Enterobacter	cancerogenus	Bacteria	MSA-2		
8028	1002 6	Bacillus	sp.	Bacteria	LNM-1		
8029	1002 7	Cryptococcus	sp.	Yeasts	YSAR-8		
8030	1002 8	Mrakia	sp.	Yeasts	YSAR-9		
8031	1002 9	Cryptococcus	sp.	Yeasts	YSAR-10		
8032	1003 0	Mrakia	sp.	Yeasts	YSAR-11		

8033	1003 1	Rhodotorula	sp.	Yeasts	YSAR 15		
8034	1003 2	Pseudomonas	sp.	Bacteria	SAMPLE A		
8035	1003 3	Pseudomonas	stutzeri	Bacteria	SAMPLE B		
8036	1003 8	Rhizobium	sp.	Bacteria	Rh-1		
8037	1004 0	Acinetobacter	calcoaceticus	Bacteria	S-P2		
8038	1004 1	Mycobacterium	wolinskyi	Actinomycetes	S-P 3		
8039	1004 2	Microbacterium	oleivorans	Actinomycetes	S. P. 4		
8040	1004 3	Cellulosimicrobi um	funkei	Bacteria	S.E. 5		
8041	1005 2	Virgibacillus	pantothenticus	Bacteria	IGKV-PGB-14		
8042	1005 3	Pseudomonas	aeruginosa	Bacteria	IGKV-PB-65		
8043	1005 4	Microbacterium	imperiale	Bacteria	IGKV-PB-151		
8044	1005 5	Pseudomonas	aeruginosa	Bacteria	NSD 09		
8045	1005 6	Paenibacillus	polymyxa	Bacteria	C 5		
8046	1005 7	Bacillus	sp.	Bacteria	5.5LF38 TD		
8047	1005 8	Paenibacillus	sp.	Bacteria	KFC-91		
8048	1006 7	Brevibacillus	laterosporus	Bacteria	TK- 3		
8049	1006 9	Pseudomonas	aeruginosa	Bacteria	Aerobic autotroph Apink		
8050	1007 0	Pseudomonas	aeruginosa	Bacteria	Aerobic autotroph Awt		
8051	1007 1	Burkholderia	cepacia	Bacteria	Aerobic hetuotroph		
8052	1007 2	Bacillus	cereus	Bacteria	D- Bacteria		
8053	1007 3	Bacillus	subtilis	Bacteria	NSB-10		
8054	1007 4	Aneurinibacillus	aneurinelyticus	Bacteria	K-8		
8055	1007 5	Lysinibacillus	fusiformis	Bacteria	P-011		
8056	1007 6	Alcaligenes	sp.	Bacteria	itrcrnbs1		
8057	1007 7	Bacillus	sp.	Bacteria	itrcrnbs 3		
8058	1008 2	Bacillus	pumilus	Bacteria	PM-12		
8059	1008 3	Pseudomonas	aeruginosa	Bacteria	AS-03		
8060	1008 4	Corynebacteriu m	equi	Actinomycetes	HCK		
8061	1008 5	Bacillus	cereus	Bacteria	PM- 43		
8062	1008 6	Bacillus	megaterium	Bacteria	COM		

8063	1008 7	Pseudomonas	sp.	Bacteria	KPW.1-S1		
8064	1008 8	Pseudomonas	sp.	Bacteria	HRW. 1-S3		
8065	1008 9	Pseudomonas	sp.	Bacteria	DSW.1-S4		
8066	1009 0	Alcaligenes	sp.	Bacteria	IIRCNS2		
8067	1009 1	Citrobacter	sp.	Bacteria	IITRSU- 7		
8068	1009 2	Cronobacter	sakazakii	Bacteria	IITRM16		
8069	1009 3	Lactobacillus	sp.	Bacteria	A/9/6/2009		
8070	1009 4	Pseudomonas	sp.	Bacteria	ARSKU-1		
8071	1009 5	Bacillus	sp.	Bacteria	ARSKU-2		
8072	1009 6	Rhizobium	leguminosarum	Bacteria	AN-01		
8073	1009 7	Pseudomonas	rhodesiae	Bacteria	Rs		
8074	1010 6	Aeromonas	bestiarum	Bacteria	BGS-2		
8075	1010 7	Aneurinibacillus	aneurinilyticus	Bacteria	Karunya-09		
8076	1011 0	Bacillus	subtilis	Bacteria	K. H. S. 1		
8077	1011 1	Gliocladium	roseum	Fungi	136a		
8078	1011 2	Corynespora	yanensis	Fungi	GUFCC4911		
8079	1011 3	Corynespora	ghatensis	Fungi	GUFCC 4912		
8080	1011 4	Curvularia	oryzae	Fungi	GUFCC 4913		
8081	1011 5	Gonatobotryum	epiphyticum	Fungi	GUFCC 4916		
8082	1011 6	Doratomyces	nanus	Fungi	GUFCC 4914		
8083	1011 7	Beltraniella	portoricensis	Fungi	GUFCC 4905		
8084	1011 8	Parodiella	hedysari	Fungi	GUFCC 4945		
8085	1011 9	Trichoderma	koningii	Fungi	GUFCC 2300		
8086	1012 0	Penicillium	variabile	Fungi			
8087	1012 1	Aspergillus	terreus	Fungi	GUFCC 14706		
8088	1012 2	Aspergillus	flavus	Fungi	GUFCC 14707		
8089	1012 3	Aspergillus	terreus	Fungi	GUFCC 14708		
8090	1012 4	Aspergillus	versicolor	Fungi	GUFCC 14709		
8091	1012 5	Aspergillus	terreus	Fungi	GUFCC 14710		
8092	1012 6	Aspergillus	sydowii	Fungi	GUFCC 10126		

8093	1012 7	Chrysonilia	sitophila	Fungi	GUFCC 5375		
8094	1012 8	Aspergillus	oryzae var. oryzae	Fungi	GUFCC 5111		
8095	1012 9	Fusarium	anthophilum	Fungi	GUFCC 14701		
8096	1013 0	Fusarium	solani	Fungi	GUFCC 14716		
8097	1013 1	Fusarium	tabacinum	Fungi	GUFCC 14717		
8098	1013 2	Coniochaeta	sp.	Fungi	DS2		
8099	1013 3	Cladosporium	cladosporioides	Fungi	GUFCC 5378		
8100	1013 4	Alternaria	alternata	Fungi	GUFCC 5374		
8101	1013 5	Exserohilum	rostratum	Fungi	GUFCC 5381		
8102	1013 6	Narasimhella	sp.	Fungi	GUFCC 5376		
8103	1013 7	Aspergillus	foetidus	Fungi	GUFCC 5372		
8104	1013 8	Trichoderma	harzianum	Fungi			
8105	1013 9	Myrothecium	roridum	Fungi	D1		
8106	1014 0	Aschersonia	aleyrodis	Fungi	GUFCC 5005		
8107	1014 1	Periconia	prolifera	Fungi	GUFCC 14727		
8108	1014 2	Aschersonia	badia	Fungi	GUFCC 5006		
8109	1014 3	Eurotium	amstelodami	Fungi	GUFCC 14715		
8110	1014 4	Pseudocercospora	abelmoschi	Fungi	GUFCC 4926		
8111	1014 5	Pseudocercospora	tabernaemontanae	Fungi	GUFCC 4932		
8112	1014 6	Thermoascus	aurantiacus	Fungi	D4		
8113	1014 7	Colletotrichum	capsici	Fungi	GUFCC 4948		
8114	1014 8	Bahusutrabeeja	manoharacharii	Fungi	GUFCC4903		
8115	1014 9	Geotrichum	candidum	Fungi	D14		
8116	1015 0	Syncephalastrum	racemosum	Fungi	GUFCC5394		
8117	1015 1	Cladosporium	cladosporioides	Fungi	YK-24		
8118	1015 2	Chaetomium	sp.	Fungi	YK-28		
8119	1015 3	Trichoderma	harzianum	Fungi	Thr-CARI-10G		
8120	1015 4	Aspergillus	versicolor	Fungi	YK-35		
8121	1015 5	Alternaria	sp.	Fungi	YK-5b		
8122	1015 6	Tilletiopsis	sp.	Fungi	YK-23		

8123	1015 7	Phialemonium	sp.	Fungi	SS1-Dam1		
8124	1015 8	Fusarium	solani	Fungi	HPF 3		
8125	1015 9	Fusarium	proliferatum	Fungi	IPS 3		
8126	1016 0	Morchella	crassipes	Fungi	MR 1		
8127	1016 1	Morchella	sp.	Fungi	MR 2		
8128	1016 2	Morchella	elata	Fungi	MR 3		
8129	1016 3	Morchella	elata	Fungi	MR4		
8130	1016 4	Morchella	crassipes	Fungi	MR5		
8131	1016 5	Morchella	elata	Fungi	MR 6		
8132	1016 6	Morchella	crassipes	Fungi	MR 8		
8133	1016 7	Morchella	elata	Fungi	MR 10		
8134	1016 8	Morchella	crassipes	Fungi	MR 12		
8135	1016 9	Morchella	spongiola	Fungi	MR 17		
8136	1017 0	Morchella	crassipes	Fungi	MR 18		
8137	1017 1	Trichoderma	koningiopsis	Fungi	PETX- Behli 1		
8138	1017 2	Trichoderma	velutinum	Fungi	PETX- Behli 2		
8139	1017 4	Trichoderma	velutinum	Fungi	GITX- Behli 1		
8140	1017 5	Trichoderma	harzianum	Fungi	GITX- Bhararighat		
8141	1017 6	Acremonium	sp.	Fungi	YK -3		
8142	1017 7	Fomitopsis	sp.	Fungi	MDF-11		
8143	1017 8	Phomopsis	sp.	Fungi	NN-3		
8144	1017 9	Fusarium	decemcellulare	Fungi	BRS 03		
8145	1018 0	Aspergillus	niger	Fungi			
8146	1018 1	Phomopsis	sp.	Fungi	GS 32		
8147	1018 2	Bipolaris	australiensis	Fungi	CIMAP-MA-10-3		
8148	1018 3	Colletotrichum	gloeosporioides	Fungi	CIMAP-MA-10-4		
8149	1018 4	Pestalotiopsis	sp.	Fungi	IWST MM PG15		
8150	1018 5	Bartalinia	sp.	Fungi	IWST GGG BL 127		
8151	1018 6	Syncephalastrum	monosporum var. monosporum		567.91		CBS567.91, ,
8152	1018	Mucor	gigasporus	Fungi	566.91		CBS566.91, ,

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8153	1018 8	Mucor	aligarensis	Fungi	993.7		CBS993.70, ATCC28928, ,
8154	1018 9	Rhizopus	sexualis var. sexualis	Fungi	336.39		CBS336.39, IMI036280, ,
8155	1019 0	Rhizopus	sexualis var. americanus	Fungi	340.62		CBS340.62, IMI209090, ,
8156	1019 1	Rhizopus	oryzae	Fungi	112.07		CBS112.07, ATCC56536, ATCC22957, ,
8157	1019 2	Chrysosporium	holmii	Fungi	487.91		CBS 487.91, ,
8158	1019 3	Mucor	grandis	Fungi	186.87		CBS186.87, ,
8159	1019 5	Rhizopus	azygosporus	Fungi	357.93		CBS357.93, ATCC48108, ,
8160	1019 6	Mucor	ardhlaengiktus	Fungi	210.8		CBS210.80, ATCC56537, ,
8161	1019 7	Mucor	flavus	Fungi	234.35		CBS234.35, ,
8162	1019 8	Paecilomyces	marquandii	Fungi	282.53		CBS282.53, IMI058450, ,
8163	1019 9	Paecilomyces	divaricatus	Fungi	284.48		CBS284.48, ATCC10121, ATCC18502, DSM1961, IMI040025,
8164	1020 0	Paecilomyces	aerugineus	Fungi	350.66		CBS350.66, IMI105412, ,
8165	1020 1	Microbacterium	sp.	Bacteria	BACGG 1		
8166	1020 2	Bacillus	cereus	Bacteria	Bacillus		
8167	1020 3	Flavobacterium	balustinum	Bacteria	DSY		
8168	1020 4	Bacillus	circulans	Bacteria	GBW		
8169	1020 5	Bacillus	cereus	Bacteria	No. 8		
8170	1020 6	Pseudomonas	sp.	Bacteria	N. Mucoral		
8171	1020 7	Bacillus	cereus	Bacteria	PRS-3		
8172	1020 8	Enterobacter	aerogenes	Bacteria	S-18		
8173	1020 9	Bacillus	pumilus	Bacteria	B- 20		
8174	1021 0	Pseudomonas	poae	Bacteria	PB2RP1 (2)		
8175	1021 1	Bacillus	cereus	Bacteria	VRBN 1		
8176	1021 2	Pseudomonas	fragi	Bacteria	CSII RH4		
8177	1021 6	Burkholderia	gladioli	Bacteria	S1		
8178	1021 7	Burkholderia	gladioli	Bacteria	S9		
8179	1021 9	Staphylococcus	cohnii subsp. Cohnii	Bacteria	NBRIEA G-6		
8180	1022	Staphylococcus	hominis	Bacteria	NBRIEA G-8		

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8181	1022 1	Bacillus	cohnii	Bacteria	NBRIEA G-11		
8182	1022 2	Virgibacillus	proomii	Bacteria	NBRIEA G-12		
8183	1022 3	Pseudomonas	synxantha	Bacteria	A1		
8184	1022 4	Bacillus	subtilis	Bacteria	AZt26		
8185	1023 5	Pseudomonas	aeruginosa	Bacteria	S7		
8186	1023 6	Pseudomonas	nitroreducens	Bacteria	L 9		
8187	1023 7	Pseudomonas	aeruginosa	Bacteria	L-12		
8188	1023 8	Serratia	marcescens	Bacteria	S-14		
8189	1023 9	Escherichia	coli	Bacteria	HBL/ BAC 005		
8190	1024 0	Enterobacter	hormaechei	Bacteria	A20		
8191	1024 1	Serratia	marcescens	Bacteria	A51		
8192	1024 2	Burkholderia	gladioli	Bacteria	A6		
8193	1024 6	Penicillium	sclerotiorum	Fungi	287.36		CBS287.36, ATCC10494, IFO6105,, IMI040569,
8194	1024 8	Penicillium	spinuloramigen um	Fungi	344.59		CBS344.59, ATCC18486, IFO5359, IMI068617,
8195	1024 9	Penicillium	smithii	Fungi	276.83		CBS276.83, IMI259693, ,
8196	1025 0	Penicillium	sizovae	Fungi	413.69		CBS413.69, ,
8197	1025 1	Penicillium	striatisporum	Fungi	705.68		CBS705.68, ATCC22052, IMI151749, ,
8198	1025 2	Penicillium	sclerotigenum	Fungi	343.59		CBS343.59, ATCC18488, IFO6167,, IMI068616,
8199	1025 3	Penicillium	ulaiense	Fungi	261.94		CBS261.94, ,
8200	1025 4	Penicillium	varians	Fungi	386.48		CBS386.48, ATCC10508, IFO6111,, IMI040040,
8201	1025 5	Tilachlidium	sp.	Fungi	5:00 AM		
8202	1025 6	Verticillium	sp.	Fungi	8		
8203	1025 7	Penicillium	solitum	Fungi	288.36		CBS288.36, ATCC9923, CBS424.89,, IFO7765, IMI039810, IMI092225,
8204	1025 8	Penicillium	shennongjianu m	Fungi	228.89		CBS228.89, ,

8205	10259	Penicillium	tardum	Fungi	378.48		CBS378.48, ATCC10503, IFO30553,, IMI040034,
8206	10260	Absidia	cuneospora	Fungi	101.59		CBS101.59, ATCC13653, IMI078402, ,
8207	10261	Penicillium	soppii	Fungi	226.28		CBS226.28, ATCC10496, IFO7766,, IMI040217,
8208	10262	Penicillium	sublateritium	Fungi	267.29		CBS267.29, ATCC10502, IFO6107,, IMI040594,
8209	10263	Penicillium	variabile	Fungi	385.48		CBS385.48, ATCC10508, IFO6111,, IMI040040,
8210	10264	Absidia	cyindrospora var. cyindrospora	Fungi	100.08		CBS100.08, ,
8211	10265	Absidia	cyindrospora var. nagra	Fungi	127.68		CBS127.68, ,
8212	10266	Aspergillus	sydowii	Fungi	264.81		CBS264.81, ,
8213	10267	Penicillium	turbatum	Fungi	383.48		CBS383.48, ATCC9782, CBS237.60,, IFO7767, IMI039738,
8214	10268	Penicillium	ulaiense	Fungi	210.92		CBS210.92, ,
8215	10269	Fusarium	oxysporum f. sp. gladioli	Fungi	253.52		CBS253.52, ,
8216	10270	Fusarium	oxysporum f. sp. lycopersici	Fungi	412.9		CBS412.90, ATCC66044, ,
8217	10271	Gliocladium	catenulatum	Fungi	154.27		CBS154.27, ,
8218	10272	Gliocladium	nigrovirens	Fungi	183.3		CBS183.30, ,
8219	10273	Botryotinia	draytonii	Fungi	144.41		CBS144.41, ,
8220	10274	Trichoderma	longibrachiatu m	Fungi	GITX–Solan		
8221	10276	Aspergillus	ochraceous	Fungi	D25		
8222	10277	Fusarium	oxysporum f. sp. zingiberis	Fungi	GIFOZ–UHF		
8223	10278	Fusarium	oxysporum	Fungi	TOFOL–IHBT		
8224	10279	Fusarium	verticillioides	Fungi	GLFOG–IHBT		
8225	10280	Phoma	sp.	Fungi	105 b		
8226	10281	Aspergillus	flavus	Fungi	GUFCC 5373		
8227	10282	Fusarium	sp.	Fungi	TOFOL–CBE		
8228	10283	Colletotrichum	dematium	Fungi	125.25		CBS 125.25, ,
8229	1028	Colletotrichum	truncatum	Fungi	151.35		CBS151.35, ,

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8230	1028 5	Aspergillus	awamori	Fungi	GUFCC5011		
8231	1028 6	Colletotrichum	hymenocallidis	Fungi	125378		CBS125378, ,
8232	1028 7	Colletotrichum	boninense	Fungi	123755		CBS 123755, ,
8233	1028 8	Colletotrichum	rusci	Fungi	119206		CBS119206, ,
8234	1028 9	Colletotrichum	cliviae	Fungi	125375		CBS125375, ,
8235	1029 0	Colletotrichum	hippeastri	Fungi	125376		CBS125376, ,
8236	1029 1	Colletotrichum	fructi	Fungi	346.37		CBS 346.37, ,
8237	1029 2	Fusarium	incarnatum	Fungi	GUFCC5425		
8238	1029 3	Eurotium	chevalieri	Fungi	GUFCC5466		
8239	1029 4	Fusarium	verticillioides	Fungi	GUFCC5424		
8240	1029 5	Colletotrichum	dematium	Fungi	119494		CBS119494, ,
8241	1029 6	Penicillium	pittii	Fungi	139.84		CBS 139.84, IMI 327871, ,
8242	1029 7	Penicillium	resticulosum	Fungi	609.94		CBS 609.94, IMI 40227, ATCC10489,, IFO7734,
8243	1029 8	Penicillium	raistrickii	Fungi	261.33		CBS 261.33, ATCC 10490, IFO6104,, IMI040221,
8244	1029 9	Penicillium	raciborskii	Fungi	224.28		CBS 224.28, ATCC10488, IFO7676,, IMI040568,
8245	1030 0	Penicillium	raistrickii	Fungi	272.83		CBS 272.83, IMI255795, ,
8246	1030 1	Bacillus	sp.	Bacteria	PU 1T		
8247	1030 2	Geobacillus	sp.	Bacteria	C170		
8248	1030 3	Bacillus	sp.	Bacteria	104		
8249	1030 4	Bacillus	sp.	Bacteria	RS 5		
8250	1030 5	Bacillus	coagulans	Bacteria	RS 30		
8251	1030 6	Lactobacillus	sp.	Bacteria	G2		
8252	1030 7	Lactobacillus	acidophilus	Bacteria	UNI		
8253	1030 8	Pediococcus	pentosaceus	Bacteria	SPA		
8254	1030 9	Klebsiella	pneumoniae	Bacteria	144B/HA-3-APJ-IICT		
8255	1031 0	Geomicrobium	sp.	Bacteria	Haloalkaliphilic bactirium EMB2		
8256	1031 1	Pseudomonas	aeruginosa	Bacteria	S1		

8257	1031 2	Escherichia	coli	Bacteria			
8258	1031 3	Brevibacterium	sp.	Bacteria	Gram -ve		
8259	1031 4	Arthrobacter	sp.	Bacteria	SH-82BT		
8260	1031 5	Arthrobacter	sp.	Bacteria	M2L1T		
8261	1031 6	Acinetobacter	sp.	Bacteria	MZL2T		
8262	1031 7	Acinetobacter	sp.	Bacteria	SH-94B.T		
8263	1031 8	Paenibacillus	sp.	Bacteria	BIHB4019		
8264	1032 0	Paenibacillus	jamilae	Bacteria			
8265	1032 1	Penicillium	pseudostromaticum	Fungi	470.7		CBS 470.70, ATCC18919, ,
8266	1032 2	Penicillium	proteolyticum	Fungi	303.67		CBS303.67, AtCC18326, ,
8267	1032 3	Colletotrichum	gloeosporioides	Fungi	953.97		CBS 953.97, IMI 356878, ,
8268	1032 4	Colletotrichum	acutatum	Fungi	294.67		CBS294.67, ,
8269	1032 5	Colletotrichum	fragariae	Fungi	142.31		CBS142.31, ,
8270	1032 6	Colletotrichum	navitas	Fungi			CBS125086, ,
8271	1032 7	Colletotrichum	capsici	Fungi	120709		CBS 120709, ,
8272	1032 8	Colletotrichum	anthrisci	Fungi	125334		CBS 125334, ,
8273	1032 9	Colletotrichum	circinans	Fungi	221.81		CBS 221.81, ,
8274	1033 0	Colletotrichum	spaethianum	Fungi	167.49		CBS 167.49, ,
8275	1033 1	Colletotrichum	lineola	Fungi	125337		CBS 125337, ,
8276	1033 2	Corynespora	cambrensis	Fungi	GUFCC5440		
8277	1033 3	Aureobasidium	sp.	Fungi	220		
8278	1033 4	Curvularia	clavata	Fungi			
8279	1033 5	Diaporthe	sp.	Fungi	197		
8280	1033 6	Pestalotiopsis	sp.	Fungi	VIG 455		
8281	1033 7	Curvularia	pallescens	Fungi	VIG 566		
8282	1033 8	Bipolaris	papendorffii	Fungi	VIG 589		
8283	1033 9	Colletotrichum	gloeosporioides	Fungi	ViG 599		
8284	1034 0	Curvularia	tuberculata	Fungi	VIG 606		
8285	1034 1	Aspergillus	awamori	Fungi	GUFCC5436		
8286	1034 2	Sordaria	sp.	Fungi	VIG 65		

8287	1034 3	Phyllosticta	sp.	Fungi	VIG 120		
8288	1034 4	Trichoderma	harzianum	Fungi	568		
8289	1034 5	Phomopsis	sp.	Fungi	VIG 562		
8290	1034 6	Aspergillus	terreus	Fungi	VIG 453		
8291	1034 7	Lasiodiplodia	theobromae	Fungi	VIG 113		
8292	1034 8	Nigrospora	oryzae	Fungi	VIG 103		
8293	1034 9	Gliocladium	roseum	Fungi	VIG 534		
8294	1035 0	Scytalidium	sp.	Fungi	VIG 443		
8295	1035 1	Rhizopus	stolonifer	Fungi	P1		
8296	1035 2	Aspergillus	terreus	Fungi	GUFCC5370		
8297	1035 3	Corynespora	sp.	Fungi			
8298	1035 4	Aspergillus	oryzae	Fungi	D		
8299	1035 5	Penicillium	citrinum	Fungi	B		
8300	1035 6	Taeniolella	muricata	Fungi	168		
8301	1035 7	Fusarium	subglutinans	Fungi	GUFCC 5383		
8302	1035 8	Saccardaea	sp.	Fungi			
8303	1035 9	Phacidiopycnis	sp.	Fungi	171		
8304	1036 0	Monodictys	putredinis	Fungi	270		
8305	1036 1	Alternaria	sp.	Fungi	18F		
8306	1036 2	Aspergillus	flavus	Fungi	16F		
8307	1036 3	Fusarium	verticillioides	Fungi	19F		
8308	1036 4	Aspergillus	candidus	Fungi	15F		
8309	1036 5	Chaetophoma	sp.	Fungi	120 a		
8310	1036 6	Corynespora	sp.	Fungi	11		
8311	1036 7	Aspegillus	foetidus	Fungi			
8312	1036 8	Beauveria	bassiana	Fungi	SS18/41		
8313	1036 9	Phoma	sp.	Fungi	20 F		
8314	1037 0	Aspergillus	terricola	Fungi	108		
8315	1037 1	Fusarium	aquaeductuum	Fungi	303		
8316	1037 2	Gliocladium	roseum	Fungi	123d		

8317	1037 3	Gliocladium	roseum	Fungi	A		
8318	1037 4	Trichoderma	lactea	Fungi	136 b		
8319	1037 5	Phomopsis	sp.	Fungi	191		
8320	1037 6	Acremonium	brunnescens	Fungi	GPCK 3216		
8321	1037 7	Chrysosporium	pannicola	Fungi	GPCK 3076		
8322	1037 8	Aspergillus	flavus	Fungi			
8323	1037 9	Stachybotry	albipes	Fungi	DS1		
8324	1038 0	Microsporum	gypseum	Fungi			
8325	1038 1	Lasiodiplodia	theobromae	Fungi	133		
8326	1038 2	Myrothecium	roridum	Fungi	D 29		
8327	1038 3	Endothiella	sp.	Fungi	236		
8328	1038 4	Cladosporium	cladosporioides	Fungi	Uf6		
8329	1038 5	Fusarium	lateritium	Fungi	VIG 501		
8330	1038 6	Aspergillus	foetidus	Fungi	UF9		
8331	1038 7	Emericella	variecolor	Fungi	UF5		
8332	1038 8	Pestalotiopsis	sp.	Fungi	UF4		
8333	1038 9	Fusarium	subglutinans	Fungi	UF11		
8334	1039 0	Curvularia	pallescens	Fungi	RBD-03		
8335	1039 1	Periconia	sp.	Fungi	RBD-04		
8336	1039 2	Memnoniella	sp.	Fungi	UF12		
8337	1039 3	Gliocladium	roseum	Fungi	UF2		
8338	1039 4	Aspergillus	fumigatus	Fungi			
8339	1039 5	Nomuraea	rileyi	Fungi	UF3		
8340	1039 6	Penicillium	restrictum	Fungi	UF3		
8341	1039 7	Aspergillus	sydowii	Fungi	RBD-02		
8342	1039 8	Penicillium	citrinum	Fungi	RBD-05		
8343	1039 9	Tiarosporella	phaseolina	Fungi	IWST VIMP149		
8344	1040 0	Fusarium	verticillioides	Fungi	IWST OM FV102		
8345	1040 1	Bacillus	sp.	Bacteria	LKG01		
8346	1040 2	Bacillus	subtilis	Bacteria	PW 12		

8347	1040 3	Bacillus	subtilis	Bacteria	PW 11		
8348	1040 4	Bacillus	cereus	Bacteria	PW-09		
8349	1040 5	Bacillus	cereus	Bacteria	PW 07		
8350	1040 6	Bacillus	cereus	Bacteria	PW 06		
8351	1040 7	Bacillus	subtilis	Bacteria	PW 04		
8352	1040 8	Microbacterium	maritypicum	Bacteria	S2k5		
8353	1041 4	Bacillus	pumilus	Bacteria	AJK		
8354	1041 8	Geobacillus	stearothermophilus	Bacteria	GBPI-1		
8355	1042 2	Bacillus	subtilis	Bacteria	RS-2		
8356	1043 6	Serratia	marcescens	Bacteria	AQBSKWO		
8357	1043 7	Bacillus	pumilus	Bacteria	S1		
8358	1043 8	Bacillus	cereus	Bacteria	B1		
8359	1043 9	Bacillus	amyloliquefaciens	Bacteria	T.F. R. I. 4		
8360	1044 0	Bacillus	amyloliquefaciens	Bacteria	T.F.R.I.6		
8361	1044 1	Bacillus	amyloliquefaciens	Bacteria	T.F.R.I.14		
8362	1045 5	Shewanella	algae	Bacteria	PW 01		
8363	1045 6	Bacillus	amyloliquefaciens	Bacteria	PW 03		
8364	1045 8	Pseudomonas	putida	Bacteria	PW 10		
8365	1046 0	Bacillus	endophyticus	Bacteria	Az-2		
8366	1046 1	Bacillus	endophyticus	Bacteria	Az-7		
8367	1046 2	Pseudomonas	aeruginosa	Bacteria	L-12		
8368	1046 3	Pseudomonas	nitroreducens	Bacteria	L-9		
8369	1046 5	Bacillus	sp.	Bacteria	RST		
8370	1046 6	Acinetobacter	sp.	Bacteria	MK 5T		
8371	1048 4	Bacillus	sp.	Bacteria	GBPI2		
8372	1048 5	Geobacillus	kaustophilus	Bacteria	GBPI 4		
8373	1049 7	Acinetobacter	sp.	Bacteria			
8374	1049 8	Bacillus	licheniformis	Bacteria	BTS-20		
8375	1049 9	Rhizobium	meliloti	Bacteria	BR.1		
8376	1050 0	Pseudomonas	sp.	Bacteria	BR. 2		

8377	1050 1	Pseudomonas	aeruginosa	Bacteria	CLR1		
8378	1050 3	Arthrobacter	sp.	Bacteria	P		
8379	1050 4	Bacillus	acidicola	Bacteria	TSAS-1		
8380	1050 5	Bacillus	pumilus	Bacteria	TS1		
8381	1050 7	Enterococcus	hirae	Bacteria	MRL 1		
8382	1050 8	Leuconostoc	mesenteroides	Bacteria	MRS 4		
8383	1050 9	Pseudomonas	aeruginosa	Bacteria	Colok		
8384	1051 0	Pseudomonas	putida	Bacteria	3:00 AM		
8385	1051 1	Arthrobacter	sp.	Bacteria	B2		
8386	1051 2	Serratia	rubidaea	Bacteria			
8387	1051 4	Bacillus	sp.	Bacteria	C I		
8388	1051 5	Bacillus	sp.	Bacteria	C II		
8389	1051 6	Bacillus	licheniformis	Bacteria	C III		
8390	1051 7	Pseudomonas	monteillii	Bacteria	C IV		
8391	1051 9	Staphylococcus	sp.	Bacteria	MC2 155		
8392	1052 0	Bacillus	licheniformis	Bacteria	PGA 1		
8393	1052 1	Rhodococcus	sp.	Bacteria	LKE-21		
8394	1052 2	Bacillus	sp.	Bacteria	LKG 08		
8395	1052 6	Fusarium	sp.	Fungi	IWST DM FS12		
8396	1052 7	Trichoderma	atroviride	Fungi	39T		
8397	1052 8	Phomopsis	archeri	Fungi	IWST PI PA15		
8398	1052 9	Colletotrichum	gloeosporioides	Fungi	IWST PI CG43		
8399	1053 0	Fusarium	dimerum	Fungi			
8400	1053 1	Melanopsamma	pomiformis	Fungi	200		
8401	1053 2	Penicillium	citrinum	Fungi	SG 4		
8402	1053 3	Aspergillus	flavus	Fungi	SG8		
8403	1053 4	Haptocillium	sp.	Fungi	221		
8404	1053 5	Malbranchea	gypsea	Fungi	123d		
8405	1053 6	Coleophoma	sp.	Fungi	196		
8406	1053 7	Fusarium	proliferatum	Fungi			

8407	1053 8	Colletotrichum	dematium	Fungi	Cd2		
8408	1053 9	Emericella	nidulans var. nidulans	Fungi	D33		
8409	1054 0	Trichoderma	harzianum	Fungi	34 T		
8410	1054 1	Trichoderma	harzianum	Fungi	41 T		
8411	1054 2	Hymicola	fuscoatra	Fungi	M11		
8412	1054 3	Aspergillus	sydowii	Fungi	H63		
8413	1054 4	Fusarium	oxysporum	Fungi	5J3		
8414	1054 5	Phomopsis	sp.	Fungi	292		
8415	1054 6	Aspergillus	aculeatus	Fungi	H95		
8416	1054 7	Alternaria	sp.	Fungi	P1		
8417	1054 8	Corynascus	sepedonium	Fungi	D52		
8418	1054 9	Eutypella	sp.	Fungi	273		
8419	1055 0	Malbranchea	sp.	Fungi			
8420	1055 1	Fusarium	subglutinans	Fungi	MNR		
8421	1055 2	Simplicillium	sp.	Fungi	221a		
8422	1055 3	Paecilomyces	lilacinus	Fungi	UF20		
8423	1055 4	Penicillium	decumbens	Fungi	DS3		
8424	1055 5	Penicillium	variabile	Fungi	SJ 9		
8425	1055 6	Fusarium	verticillioides	Fungi	SJ14		
8426	1055 7	Acrodictys	fimicola	Fungi			
8427	1055 8	Penicillium	rolfsii	Fungi			
8428	1055 9	Aspergillus	foetidus	Fungi	MPUAT-2		
8429	1056 0	Cylindrocarpon	sp.	Fungi			
8430	1056 1	Aspergillus	fumigatus	Fungi	TPF 13		
8431	1056 2	Penicillium	waksmanii	Fungi	BIP		
8432	1056 3	Aspergillus	foetidus	Fungi	MAFI-1		
8433	1056 4	Aspergillus	terreus	Fungi	MAFI-2		
8434	1056 5	Alysidium	resinae	Fungi	GuFCC 4960		
8435	1056 6	Aspergillus	fumigatus	Fungi	GUFCC 5008		
8436	1056 7	Pyrenochaeta	lycopersici	Fungi	CA 1		

8437	1056 8	Penicillium	pinophilum	Fungi			
8438	1056 9	Chaetomella	raphigera	Fungi	GUFCC 5452		
8439	1057 0	Guignardia	bidwellii	Fungi	GUFCC 4957		
8440	1057 1	Corynespora	cambrensis	Fungi	GUFCC 5428		
8441	1057 2	Fusarium	avenaceum	Fungi	GUFCC 5390		
8442	1057 3	Fusarium	sambucinum	Fungi	5 G 6		
8443	1057 4	Mucor	microsporus	Fungi	GUFCC5392		
8444	1057 5	Scolecobasidium	humicola	Fungi	GUFCC 2259		
8445	1057 6	Macrophomina	sp.	Fungi			
8446	1057 7	Chaetomium	globosum	Fungi	GUFCC-5395		
8447	1057 8	Aspergillus	restrictus	Fungi	GUFCC-5369		
8448	1057 9	Curvularia	eragrostidis	Fungi	GUFCC 5414		
8449	1058 0	Didymosphaeria	sp.	Fungi	303 a		
8450	1058 1	Chaetomium	sp.	Fungi			
8451	1058 2	Aspergillus	aculeatus	Fungi	GUFCC 5462		
8452	1058 3	Aspergillus	awamori	Fungi	GUFCC 5010		
8453	1058 4	Aspergillus	nidulans	Fungi	AIF II		
8454	1058 5	Tritirachium	oryzae	Fungi			
8455	1058 6	Trichoderma	atroviride	Fungi	GUFCC 5389		
8456	1058 7	Cladosporium	oxysporum	Fungi	D11		
8457	1058 8	Guignardia	bidwellii	Fungi	GUFCC 1526		
8458	1058 9	Tubercularia	sp.	Fungi	280		
8459	1059 0	Fusarium	(Fries) Nivale	Fungi			
8460	1059 1	Aspergillus	candidus	Fungi	D 8		
8461	1059 2	Alternari	sp.	Fungi	D 21		
8462	1059 3	Aspergillus	terricola var. indicus	Fungi	108		
8463	1059 4	Microascus	trigonosporus	Fungi	GUFCC 5397		
8464	1059 5	Rhizopus	stolonifer	Fungi	P 1		
8465	1059 6	Penicillium	citrinum	Fungi	D 30		
8466	1059 7	Penicillium	purpurogenum	Fungi	D 2		

8467	1059 8	Acremonium	sp.	Fungi	D 31		
8468	1059 9	Penicillium	dierckxii	Fungi	D 3		
8469	1060 0	Lasiodiplodia	sp.	Fungi	D 10		
8470	1060 2	Cellulosimicrobi um	sp.	Bacteria	PK-1		
8471	1060 3	Leucobacter	sp.	Bacteria	PK.8		
8472	1060 4	Nocardia	sp.	Bacteria	AL-f		
8473	1060 8	Shewanella	algae	Bacteria	PW13		
8474	1060 9	Shewanella	algae	Bacteria	PW 14		
8475	1061 6	Bacillus	sp.	Bacteria	L 1		
8476	1061 7	Pseudomonas	putida	Bacteria	L 2		
8477	1061 8	Burkholderia	cepacia	Bacteria	NSP-35		
8478	1061 9	Bacillus	subtilis	Bacteria	B4		
8479	1062 0	Pseudomonas	aeruginosa	Bacteria	B6		
8480	1063 5	Kocuria	turfanensis	Bacteria	J		
8481	1063 6	Pseudomonas	aeruginosa	Bacteria	PP 1		
8482	1063 7	Actinotalea	sp.	Bacteria	Suman 3		
8483	1063 8	Agrococcus	sp.	Bacteria	Suman 6		
8484	1064 1	Pichia	kudriavzevii	Yeasts	MCRCY9		
8485	1064 4	Brevibacillus	borstelensis	Bacteria	S 1 (C)		
8486	1064 5	Cellulosimicrobi um	sp.	Bacteria	KOL-6		
8487	1064 6	Enterococcus	hirae	Bacteria	A		
8488	1064 7	Bacillus	tequilensis	Bacteria	B		
8489	1064 8	Bacillus	subtilis	Bacteria	C		
8490	1064 9	Enterobacter	cloacae sub sp. dissolvens	Bacteria	Auto		
8491	1065 0	Bacillus	cereus	Bacteria	Ent		
8492	1065 3	Bacillus	cereus	Bacteria	B-1		
8493	1065 4	Bacillus	pumilus	Bacteria	B-22		
8494	1066 1	Aeromonas	sp.	Bacteria	S1		
8495	1066 2	Bacillus	sp.	Bacteria	Rsr		
8496	1066 3	Bacillus	sp.	Bacteria	Rr		

8497	1067 7	Simplicillium	sp.	Fungi	D 5		
8498	1067 8	Curvularia	oryzae	Fungi	D 6		
8499	1067 9	Taeniolella	sp.	Fungi	222		
8500	1068 0	Aspergillus	flavus	Fungi	MAG 4		
8501	1068 1	Alternaria	sp.	Fungi			
8502	1068 2	Trichoderma	viride	Fungi	D 4		
8503	1068 3	Alternaria	sp.	Fungi	Silk 101		
8504	1068 4	Aspergillus	terreus var. africanus	Fungi	BLS		
8505	1068 5	Aspergillus	heteromorphus	Fungi	K		
8506	1068 6	Epicoccum	nigrum	Fungi			
8507	1068 7	Phoma	sp.	Fungi	Silk 99		
8508	1068 8	Aspergillus	heteromorphus	Fungi	5140		
8509	1068 9	Chaetomium	globosum	Fungi			
8510	1069 0	Alternaria	solani	Fungi	TOAS-IHBT		
8511	1069 1	Aspergillus	ochraceus	Fungi	D34		
8512	1069 2	Eurotium	chevalieri	Fungi	D36		
8513	1069 3	Paecilomyces	inflatus	Fungi	250.33		CBS250.33, ,
8514	1069 4	Paecilomyces	victoriae	Fungi	274.36		CBS274.36, IMI058412, ,
8515	1069 5	Paecilomyces	cremeoroseus	Fungi			CBS250.55, ATCC12076, IMI113844, ,
8516	1069 7	Paecilomyces	saturatus	Fungi	323.34		CBS323.34, IMI058411, ,
8517	1069 8	Paecilomyces	viridis	Fungi	348.65		CBS348.65, ATCC28695, ,
8518	1069 9	Paecilomyces	puntonii	Fungi	250.37		CBS250.37, IMI058409, ,
8519	1070 1	Mucor	genevensis	Fungi	114.08		CBS 114.08, ,
8520	1070 2	Mucor	bainieri	Fungi	293.63		CBS293.63, ATCC15088, IMI101214, ,
8521	1070 3	Rhizopus	schipperae	Fungi	138.95		CBS138.95, ATCC96514, ,
8522	1070 4	Mucor	inaequisporus	Fungi	255.36		CBS255.36, DSMZ187, NBRC(IFO)8635, ,
8523	1070 5	Rhizomucor	pusillus	Fungi	354.68		CBS354.68, ,
8524	1070 6	Mucor	circinelloides f. janssenii	Fungi	205.68		CBS205.68, ATCC23362, ,
8525	1070	Rhizomucor	variabilis var.	Fungi	384.95		CBS384.95, ,

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8526	10708	Rhizomucor	variabilis	Fungi	103.93		CBS103.93, ,
8527	10709	Mucor	amphibiorum	Fungi	763.74		CBS763.74, DSM2190, ,
8528	10710	Rhizopus	caespitosus	Fungi	427.87		CBS427.87, ,
8529	10711	Rhizopus	microsporus var. chinensis	Fungi	631.82		CBS631.82, ATCC52807, ,
8530	10712	Mucor	falcatus	Fungi	251.35		CBS251.35, ATCC18460, ,
8531	10713	Syncephalastrum	monosporum var. cristatum	Fungi	568.91		CBS568.91, ,
8532	10714	Paecilomyces	pascuus	Fungi	253.87		CBS253.87, ,
8533	10715	Syncephalastrum	monosporum var. pluriproliferum	Fungi	569.91		CBS569.91, ,
8534	10718	Chrysosporium	carmichaelii	Fungi	643.79		CBS643.79, ,
8535	10719	Chrysosporium	globiferum	Fungi	454.91		CBS454.91, ,
8536	10720	Paecilomyces	subglobosus	Fungi	125145		CBS125145, ATCC16492, JCM12799, NBRC(IFO)32026, ,
8537	10721	Paecilomyces	brunneolus	Fungi	370.7		CBS370.70, NBRC(IFO)7563, ,
8538	10722	Paecilomyces	niphedodes	Fungi	229.73		CBS229.73, IMI186956, ,
8539	10725	Chrysosporium	globiferum var. articulatum	Fungi	493.91		CBS493.91, ,
8540	10726	Fusarium	verticilloides	Fungi	D24		
8541	10727	Fusarium	avenaceum	Fungi	B3		
8542	10728	Bartalinia	sp.	Fungi	IWST GGG BL129		
8543	10741	Paecilomyces	lilacinus	Fungi			
8544	10742	Penicillium	pinophilum	Fungi			
8545	10745	Chrysosporium	globiferum var. articulatum	Fungi	493.91		CBS 493.91, ,
8546	10746	Chrysosporium	botryoides	Fungi	492.91		CBS 492.91, ,
8547	10748	Penicillium	citrinum	Fungi			
8548	10749	Colletotrichum	coccodes	Fungi	164.49		
8549	10750	Cladosporium	rigidophorium	Fungi	314.95		
8550	10751	Bradyrhizobium	japonicum	Bacteria	5A		
8551	10752	Burkholderia	arborius	Bacteria	12C(MSR2)		
8552	10753	Bradyrhizobium	liaoningense	Bacteria	17C		
8553	10768	Nitratireductor	indicus	Bacteria	MCCC 1A01260		LMG25540, ,

8554	1077 0	Lactobacillus	fermentum	Bacteria	HV6B		
8555	1078 7	Staphylococcus	aureus	Bacteria	MKV2011		
8556	1079 5	Cladosporium	alternicoloratum	Fungi	366.9		
8557	1079 6	Cladosporium	colocassiae	Fungi	386.64		CBS 386.64, ATCC 200944, ,
8558	1079 7	Cladosporium	myrticolla	Fungi	473.9		CBS 473.90, ,
8559	1079 8	Cladosporium	adianticola	Fungi	735.87		CBS 735.87, ,
8560	1079 9	Cladosporium	ossifragi	Fungi	842.91		CBS 842.91, ATCC 200946, ,
8561	1080 0	Colletotrichum	lupini var. lupini	Fungi	109225		CBS 109225, ,
8562	1080 1	Cladosporium	pseudiridis	Fungi	116463		CBS 116463, ,
8563	1080 2	Cladosporium	halotolerans	Fungi	119416		CBS 119416, ,
8564	1080 3	Hirustella	versicolor	Fungi	422.82		CBS 422.82, ,
8565	1080 4	Hirustella	gigantea	Fungi	162.76		CBS 162.76, ,
8566	1080 5	Cladosporium	variabile	Fungi	121635		CBS 121635, ,
8567	1080 6	Hirustella	citriformis	Fungi	672.75		CBS 672.75, ,
8568	1080 7	Hirustella	liberiana	Fungi	722.73 A		CBS 722.73 A, ,
8569	1080 8	Hirustella	minnesotensis		115627		CBS 115627, ,
8570	1080 9	Hirustella	subramanianii	Fungi	101438		CBS 101438, ,
8571	1081 0	Humicola	subulata	Fungi	166.76		CBS 166.76, ,
8572	1081 1	Pencillium	decumbens	Fungi			
8573	1081 2	Paecilomyces	lilacinus	Fungi			
8574	1081 3	Phoma	sp.	Fungi	LF15		
8575	1081 4	Chaetomella	raphigera	Fungi	LF3		
8576	1081 5	Bartalinia	sp.	Fungi	LF8		
8577	1081 6	Pestalotiopsis	sp.	Fungi	VIG 710		
8578	1081 7	Pestalotiopsis	sp.	Fungi	LF 14		
8579	1081 8	Curularia	eragrostidis	Fungi	LF 16		
8580	1081 9	Chaetomium	lentum	Fungi	339.67		CBS 339.67, IMI 128308, ,
8581	1082 0	Chaetomium	robustum	Fungi	551.83		CBS 551.83, ,
8582	1082 1	Chaetomium	intricatum	Fungi	128.85		CBS 128.85, ,
8583	1082 2	Chaetomium	retardatum	Fungi	197.84		CBS 197.84, ,

8584	1082 3	Chaetomium	repens	Fungi	233.82		CBS 233.82, ,
8585	1082 4	Chaetomium	causiiforme	Fungi	139.56		CBS 139.56,ATCC 11198, CBS 792.83,IFO 9139, ,
8586	1082 5	Chaetomium	globosporum	Fungi	108.83		CBS 108.83,ITCC 1835, ,
8587	1082 6	Chaetomium	gangligerum	Fungi	160.52		CBS 160.52 , ATCC11206, ,
8588	1082 7	Chaetomium	olivicolor	Fungi	102434		CBS 102434, IMI 381869, ,
8589	1082 8	Chaetomium	paucipilum		173.84		CBS 173.84, ,
8590	1082 9	Aspergillus	oryzae		NJP08		
8591	1083 0	Aspergillus	pulvinus	Fungi	NJP12		
8592	1083 1	Aspergillus	terreus	Fungi			
8593	1083 2	Pencillium	purpurogenum	Fungi	F9		
8594	1083 3	Alternaria	alternata	Fungi	8197		
8595	1083 4	Talaromyces	flavus	Fungi	S70		
8596	1083 5	Cercospora	canescens	Fungi	Cerm 30-09		
8597	1083 6	Cercospora	canescens	Fungi			
8598	1083 7	Cercospora	canescens	Fungi	Cerm 39-09		
8599	1083 8	Xylaria	sp.	Fungi	XF8		
8600	1083 9	Xylaria	sp.	Fungi	XF2		
8601	1084 0	Xylaria	sp.	Fungi	XF1		
8602	1084 2	Colletotrichum	crassipes	Fungi	RL-18		
8603	1084 3	Alternaria	sp.	Fungi	TL-6		
8604	1084 4	Fusarium	subglutinaus	Fungi	Fusarium(Barley)Prak asini 2009		
8605	1084 5	Westerdykella	aurantiaca	Fungi	FNBR-03		
8606	1084 6	Trichoderma	longibrachiatu m	Fungi	FNBR-06		
8607	1084 7	Lasiodiplodia	sp.	Fungi	FNBR13		
8608	1084 8	Rhizopus	delemer	Fungi	FNBR19		
8609	1084 9	Pencillium	citrinum	Fungi			
8610	1085 0	Botryosphaeria	sp.	Fungi	A		MAFF 511473, ,
8611	1085 2	Rhizobium	multihospitum	Bacteria	IHB B 4026		
8612	1085 3	Lysinibacillus	fusiformis	Bacteria	IHB B 4012		
8613	1085	Stenotrophomo	maltophilia	Bacteria	IHB B 4036		

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8614	10855	Delftia	lacustria	Bacteria	IHB B 4037		
8615	10856	Paenibacillus	sp.	Bacteria	IHB B 2257		
8616	10857	Bacillus	safensis	Bacteria			
8617	10858	Lysinibacillus	sp	Bacteria	IHB B 4033		
8618	10859	Bacillus	aryabhatai	Bacteria	IHB B 4007		
8619	10860	Bacillus	sp.	Bacteria	IHB B 4042		
8620	10861	Microbacterium	sp	Bacteria	IHB B 4017		
8621	10874	Chaetomium	anguipilum	Fungi	632.83		CBS 632.83, ,
8622	10875	Chaetomium	muelleri	Fungi	192.84		CBS 192.84, ,
8623	10876	Chaetomium	mollicellum	Fungi			CBS 583.83, ,
8624	10877	Chaetomium	biporatum	Fungi	244.86		CBS 244.86,IMI 330348, ,
8625	10878	Chaetomium	cruentum	Fungi	371.66		CBS 371.66, ,
8626	10879	Chaetomium	hispanicum	Fungi	234.82		CBS 234.82, ,
8627	10880	Chaetomium	angustispirale	Fungi	137.58		CBS 137.58,IMI 074952, ,
8628	10881	Chaetomium	hamadae		499.83		CBS 499.83,IMI 288714 ii, ,
8629	10882	Chaetomium	fusum	Fungi	372.66		CBS 372.66, ,
8630	10883	Chaetomium	flavigenum	Fungi	337.67		CBS 337.67,IMI 128310, ,
8631	10884	Chaetomium	perlucidum	Fungi	141.58		CBS 141.58,IMI 074959, ,
8632	10885	Chaetomium	dreyfusii	Fungi	376.83		CBS 376.83, ,
8633	10886	Chaetomium	piluliferoides	Fungi	103.77		CBS 103.77,IMI 210880, ,
8634	10887	Chaetomium	pachypodioides	Fungi	164.52		CBS 164.52,ATCC 11213,NBRC (IFO)9109, IMI 012266,IMI 287299, ,
8635	10957	Bacillus	halodurans	Bacteria	FNP-135		
8636	10963	Caenispirillum	sp.	Bacteria	Ak-4		
8637	10974	Enterobacter	aerogenes	Bacteria	-		
8638	10975	Pectobacterium	cyripedii	Bacteria	-		
8639	10979	Equibacillus	goensis	Bacteria	TSWCNS5		
8640	10980	Flavobacterium	oligotrophicum	Bacteria	THWCNS34		
8641	10981	Undibacterium	karnatakensis	Bacteria	THWCNS35		

8642	1098 2	Acinetobacter	sp.	Bacteria	MZL2		
8643	1105 2	Macrococcus	sp.	Bacteria	isolate A		
8644	1105 5	Imtechella	halotolerans	Bacteria	K1		
8645	1105 6	lutibaculum	sp.	Bacteria	AMV1		
8646	1105 7	cecemia	sp.	Bacteria	LW9		
8647	1105 8	oceanisphaera	sp.	Bacteria	V1-41		
8648	1106 4	aliidiomarina	haloalkalitolerance	Bacteria	AK-5		
8649	1106 5	Shivajiella	indica	Bacteria	AS-1		
8650	1106 6	Algoriphagus		Bacteria	S3		
8651	1106 7	Cryobacterium	sp.	Bacteria	M36		
8652	1107 1	Clostridium	ghonni	Bacteria	DSM15049		
8653	1107 2	Clostridium	sordelli	Bacteria	DSM2141		
8654	1107 3	Pseudoalteromonas	sp.	Bacteria	NW4327		
8655	1107 6	Burkholderia	multivorans	Bacteria	NG1		
8656	1107 7	Burkholderia	multivorans	Bacteria	HN1		
8657	1107 8	Clostridium	sp.	Bacteria	AFW		
8658	1108 2	mangrovi	sp.	Bacteria	AK-13		
8659	1108 3	Echinicola	sp.	Bacteria	AK-12		
8660	1108 4	Bacillus	sp.	Bacteria	TB-163		
8661	1108 5	Idiomarina	abyssalis	Bacteria	DSM-15222		
8662	1108 7	Flavobacterium	daejeonense	Bacteria	DSM-17708		
8663	1109 8	Aspergillus	niger	Fungi			
8664	1110 1	Clostridium	sp.	Bacteria	UB-b.2		
8665	1110 2	Xanthomonas	oryzae	Bacteria	DP-6		
8666	1110 7	Xanthomonas	oryzae	Bacteria	Dp-14		
8667	1115 2	photobacterium	marinum	Bacteria	AK-15		
8668	1115 3	Nioen	indica	Bacteria	NIO-S5		
8669	1115 4	Oceanosprillum	nioense	Bacteria	NIO-s6		
8670	1115 5	Flavobacterium	nitratireducens	Bacteria	N1		
8671	1125 1	Burkholderia	gladioli	Bacteria	OR1		

8672	1125 2	Pantoea	sp.	Bacteria	IMT-6		
8673	1125 3	Thalassospira	frigidophilosprofundus	Bacteria	3sc-21		
8674	1125 8	Chromobacterium	piscinae	Bacteria			DSMZ 23278
8675	1125 9	Chromobacterium	aquaticum	Bacteria			
8676	1126 1	Chromobacterium	haemolyticum	Bacteria			
8677	1127 3	Clostridium	Biferementus	Bacteria	DSM-14991		
8678	1127 4	Clostridium	acetobutylicum	Bacteria	DSM 792		DSMZ 792, ATCC 824, VKMB 1787, ,
8679	1127 5	Veillonella	criceti	Bacteria	DSM-20734		
8680	1127 6	Veillonella	ratti	Bacteria	DSM-20736		
8681	1127 9	Mariniradius	saccharolitus	Bacteria	AK-6		
8682	1128 1	Paenibacillus	mucilaginosus	Bacteria	BM-1		
8683	1129 5	Clostridium	histolyticum	Bacteria	DSM-2158		
8684	1129 6	Rhodococcus	artemisiae	Bacteria	DSM-45380		
8685	1135 1	Iodobacter	sp.	Bacteria	M4-60		
8686	1135 2	Cizobacter	lividus	Bacteria	MSSRFBL-1		
8687	1135 3	Aquiflexum	balticum	Bacteria	DSM-16537		
8688	1135 4	Gelidibacter	mesophilus	Bacteria	DSM-14095		
8689	1135 5	Gelidibacter	algens	Bacteria	DSM-12408		
8690	1140 6	Bacillus	subtilis	Bacteria	CYPPB-1		
8691	1145 1	Acinetobacter	baumannii	Bacteria	DS002		
8692	1145 6	Bacillus	brevis	Bacteria	BT : B6		
8693	1150 1	Geobacillus	stearothermophilus	Bacteria	GBPI16		
8694	1150 2	Geobacillus	subterraneus	Bacteria	RL-2a		
8695	1150 4	Aspergillus	sydowii		KM3		
8696	1155 1	Bacillus	methylophilus	Bacteria	6B		
8697	1155 3	Enterobacter	cancerogenus	Bacteria	SN19		
8698	1155 4	Bacillus	subtilis	Bacteria	P15		
8699	1156 5	Pyxidicoccus	fallax	Bacteria	S127		
8700	1156 7	Tricoderma	virens	Fungi	G2		
8701	1160 1	Myroides	gitamensis	Bacteria	BSH-3		

8702	1163 9	Aspergillus	awamori	Fungi			
8703	1171 2	Pseudomonas	sp		HMGM - 7		
8704	1171 3	Bacillus	clausii	Bacteria	1779		
8705	1171 6	Bacillus	tequilensis	Bacteria	SV11		
8706	1171 7	Diaphorobacter	nitroreducens	Bacteria	DS1		
8707	1171 8	Diaphorobacter	nitroreducens	Bacteria	DS2		
8708	1171 9	Diaphorobacter	nitroreducens	Bacteria	DS3		
8709	1180 7	Paenibacillus	lautus	Bacteria	NE3B01		
8710	1180 8	Pseudomonas	mendocina	Bacteria	NR802		
8711	1180 9	Stenotrophomonas	acidaminiphila	Bacteria	NCW702		
8712	1181 8	Acinetobacter	junii	Bacteria	GAC 16.2		
8713	1181 9	Enterobacter	sp	Bacteria	RNF 267(CPCRI 1)		
8714	1182 0	Enterobacter	sp	Bacteria	KtRA5-88(CPCRI 3)		
8715	1182 8	Bacillus	tequilensis	Bacteria	SN4		
8716	1182 9	Paracoccus	sp	Bacteria			
8717	1194 7	Shigella	boydii	Bacteria	DSM 7532		ATCC 8700 , NCTC 12985, ,
8718	1194 8	Micrococcus	luteus	Bacteria	DSM 1790		
8719	1194 9	Staphylococcus	aureus	Bacteria	DSM 3463		
8720	1195 0	Pseudomonas	syringae	Bacteria	DSM 10604		
8721	1195 3	Bacillus	hunanensis	Bacteria	EMB9		
8722	1201 4	Bacillus	safensis	Bacteria			
8723	1230 1	Aeromonas	hydrophila	Bacteria	EUS112		
8724	1258 7	Chlorobium	limicola	Bacteria	2313		
8725	1258 8	Chlorobium	limicola	Bacteria	2321		
8726	1258 9	Chlorobium	limicola	Bacteria	2323		
8727	1259 0	Chlorobium	phaeovibrioides	Bacteria	2341		
8728	1259 1	Chlorobium	phaeobacteroides	Bacteria	2360		
8729	1259 2	Chlorobium	limicola	Bacteria	2362		
8730	1259 3	Chlorobium	limicola	Bacteria	2364		
8731	1259 4	Prosthecochloris	vibrioformis	Bacteria	2371		

8732	1259 5	Chlorobium	luteolum	Bacteria	2610		
8733	1260 7	Colletotrichum	siamense	Fungi			
8734	1266 0	Thauera	aminoaromatica	Bacteria	KNDSS-TSA9		
8735	1266 5	Fictibacillus	sp.	Bacteria	GDSW-R2A3		
8736	1266 6	Bacillus	sp.	Bacteria	GDSW-TSA4		
8737	1266 7	Pseudomonas	sp.	Bacteria	GUSS-EMB1		
8738	1266 8	Flavobacterium	sp.	Bacteria	GUSS-R2A		
8739	1267 2	Microbacterium	sp.	Bacteria	NAUSS-R2A6		
8740	1268 3	Pediococcus	pentosaceus	Bacteria			
8741	1274 2	Psychrosphaera	sp.	Bacteria	SW33		
8742	1274 3	Enterobacter	cloacae subsp. dissolvens	Bacteria	R1		
8743	1274 4	Enterobacter		Bacteria	R12		
8744	1276 9	Geobacillus		Bacteria	AYN-2		
8745	1282 0	Staphylococcus	argenteus	Bacteria	MG2		
8746	1282 3	Streptomyces	sp.	Actinomycetes	IISRB Act1		
8747	1282 4	lysobacter	solii	Bacteria	UC		
8748	1282 5	Pseudomonas	aeruginosa	Bacteria	DISK-25		
8749	1282 6	Streptococcus	pseudopneumoniae	Bacteria	DIGK-4c		
8750	1282 8	Enterobacter	cloacae	Bacteria	SKVG-34		
8751	1282 9	Lactobacillus	salivarius	Bacteria	SKVG-28		
8752	1283 3	Gebacillus	sp.	Bacteria	SY1		
8753	1283 4	Geobacillus	sp.	Bacteria	SY6		
8754	1283 5	Geobacillus	sp.	Bacteria	SY8		
8755	1283 6	paraclostridium	benzoelyticum	Bacteria	SKVG-24		
8756	1283 7	Lactobacillus	sp.	Bacteria	DISK-7		
8757	1283 8	Lactobacillus	sp.	Bacteria	M 31		
8758	1283 9	Streptomyces	sp.	Actinomycetes	IISRB Act25		
8759	1284 9	Micobacterium	esteraeromatium	Bacteria	SL-1-ds-TSB-4		
8760	1285 0	Deinococcus	misasensis	Bacteria	Ws2-r2a-34		
8761	1285 1	Dyadobacter	jjangsuensis	Bacteria	Ws2-Aom-15		

8762	1285 2	Pseudomonas	automophila	Bacteria	WS2-tsb-10		
8763	1285 4	Paenibacillus	aestuarii	Bacteria	S4-TSB-1		
8764	1285 5	Bacillus	sonorensis	Bacteria	S8-TSB-4		
8765	1285 6	Bacillus	cereus	Bacteria	WS4-TSB-1		
8766	1285 7	Bacillus	toyonensis	Bacteria	WS4-TSB-3		
8767	1285 8	Bacillus	firmus	Bacteria	WS2-R2A-64		
8768	1285 9	Paenibacillus	dendritiformis	Bacteria	S10-TSA-3		
8769	1286 2	Micrococcus	endophyticus	Bacteria	S2-TSA-3a		
8770	1286 3	Micrococcus	aloeverae	Bacteria	S2-TSA-3		
8771	1286 4	Acinetobacter	sp.	Bacteria	MB5		
8772	1286 5	Bradyrhizobium	yuanmingense	Bacteria	KAS 1		
8773	1286 7	Bacillus	oceanisedimini s	Bacteria	WS4-R2A-19		
8774	1286 8	Pelomonas	aquatica	Bacteria	WS2-R2A-65		
8775	1286 9	Janibacter	cremeus	Bacteria	SS-TSA-18		
8776	1287 0	Bacillus	niacini	Bacteria	SQ-TSB-9		
8777	1287 1	Pseudomonas	mosselii	Bacteria	WS2-TSB-22		
8778	1287 2	Bacillus	aryabhatai	Bacteria	WS2-R2A-15		
8779	1287 3	Bacillus	safensis	Bacteria	S2-TSA-5		
8780	1287 4	Bacillus	anthraxis	Bacteria	WS4-TSB-4		
8781	1287 5	Aeromonas	caviae	Bacteria	ws4-tsb-5		
8782	1287 6	Paracoccus	marcusii	Bacteria	WS2-R2a-1		
8783	1287 7	Bacillus	oceanisedimini s	Bacteria	WS2-TSB-28		
8784	1287 8	Bacillus	oceanisedimini s	Bacteria	WS4-TSb 2		
8785	1287 9	Pseudomonas	mosselii	Bacteria	S2-M2-15		
8786	1288 0	Deinococcus	misasensis	Bacteria	WS2-R2a		
8787	1288 5	Rahnella	SP.	Bacteria	PCH160		
8788	1288 6	Collimonas	sp.	Bacteria	PCH181		
8789	1288 9	Acinetobacter	baumannii	Bacteria	P-1270		
8790	1289 0	Acinetobacter	baumannii	Bacteria	P-1636		
8791	1289 1	Halogeometricu m	sp.	Bacteria	WSP3		

8792	1289 2	Halogeometricum	sp.	Bacteria			
8793	1289 3	Brevibacillus	brevis	Bacteria	SP_m/11		
8794	1289 4	Serratia	nematodiphila	Bacteria	TO-2		
8795	1289 6	Bacillus	tequilensis	Bacteria	MAN7		
8796	1289 7	Bacillus	tequilensis	Bacteria	LXM55		
8797	1290 0	Vibrio	sp.	Bacteria	ISO 1		
8798	1290 2	Lactobacillus	Pentosus	Bacteria	YD8S		
8799	1290 3	Lactobacillus	Pentosus	Bacteria	YD5S		
8800	1290 4	Lactobacillus	paraplantarum	Bacteria	YD11S		
8801	1290 5	Salinivibrio	sp.	Bacteria	HTSP		
8802	1290 7	Haliea	sp.	Bacteria	SA0S-164		
8803	1290 9	Virgibacillus	sp.	Bacteria	AK-90		
8804	1291 1	Pseudomonas	koreensis	Bacteria	Y5		
8805	1291 2	Wickerhamiella	sp.	Yeasts	DSW1.1		
8806	1291 3	Candida	sp.	Yeasts	CIG-32G		
8807	1291 4	Debaryomyces	sp.	Yeasts	CIG-23H		
8808	1291 5	Pseudozyma	sp.	Yeasts	CIG-17P		
8809	1291 6	Microbacterium	sp.	Actinomycetes	SELA4		
8810	1291 7	Neisseria	macacae	Bacteria	DSNA-1		
8811	1291 8	Neisseria	perflva	Bacteria	DS TSA-1		
8812	1291 9	Streptococcus	vestibularis	Bacteria	DS BHI-1		
8813	1292 0	Lactobacillus	rhamnosus	Bacteria	RBPL-1		
8814	1292 1	Lactobacillus	plantarum	Bacteria	RBPL-2		
8815	1293 0	Rhodospiridobolus	sp.	Yeasts	OE21		
8816	1293 9	Serratia	proteamaculams	Bacteria	568		
8817	1294 0	Bacillus	tequilensis	Bacteria	CD001		
8818	1294 1	Xanthomonas	sp.	Bacteria	PPL1		
8819	1294 2	Xanthomonas	sp.	Bacteria	PPL2		
8820	1294 3	Xanthomonas	sp.	Bacteria	PPL3		
8821	1294 5	Stenotrophomonas	maltophilia	Bacteria	SM866		

8822	1294 6	Stenotrophomonas	maltophilia	Bacteria	SM5815		
8823	1294 7	Pseudomonas	hibiscicola	Bacteria	SM3123		
8824	1294 8	Stenotrophomonas	maltophilia	Bacteria	SM10507		
8825	1294 9	Klebsiella	pneumoniae	Bacteria	WAH 1		
8826	1295 0	Staphylococcus	edaphicus	Bacteria	H1		
8827	1295 1	Streptomyces	rosealbus	Actinomycetes	PSKA09		
8828	1295 2	Streptomyces	cyaneus	Actinomycetes	PSKA10		
8829	1295 3	Streptomyces	netropsis	Actinomycetes	PSKA13		
8830	1295 7	Amycolatopsis	sp.	Actinomycetes	PSKA31		
8831	1295 8	Streptomyces	hypolithicus	Actinomycetes	PSKA38		
8832	1296 0	Lechevalieria	sp.	Actinomycetes	PSKA56		
8833	1296 1	Serratia	marcescens	Bacteria	T.POL SO1		
8834	1296 3	Streptomyces	sp.	Actinomycetes	PSKA02		
8835	1296 4	Streptomyces	sp.	Actinomycetes	PSKA11		
8836	1296 5	Staphylococcus	edaphicus	Bacteria	TS4		
8837	1296 6	Saccharibacillus	sp.	Bacteria	VR-M41		
8838	1296 7	Aeromonas	jandaei	Bacteria	RES-PM-1		
8839	1296 8	Bacillus	paralicheniformis	Bacteria	FIT-5		
8840	1296 9	Rhizobium	miluonense	Bacteria	WG		
8841	1297 0	Burkholderia	cenocarpia	Bacteria	PS1		
8842	1297 2	Candida	tropicalis	Yeasts	SY005		
8843	1297 3	Trichosporon/Apiotrichum	loubieri	Yeasts	SY006		
8844	1297 4	Bacillus	flexus	Bacteria	FIT-6		
8845	1297 8	Sakaguchia	sp.	Yeasts	IIG-12C		
8846	1297 9	Vishniocozyma	sp.	Yeasts	IIG-12E		
8847	1298 0	Clavispora	sp.	Yeasts	IIG-5W		
8848	1298 1	Lachancea	sp.	Yeasts	IIG-13F		