					arazed	exclosed
					grazed august_2016 june_2016	august_2016 june_2016
Opitutales	Opitutaceae	Opitutus	Opitutus_X	>HE861315.1.937 99.3 X7	sv1 sv2 sv1 sv2	sv1 sv2 sv1 sv2
Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>HE861315.1.937 99.3 X7 >HQ534083.1.871 100 X49		
Clostridiales	Clostridiaceae_1	Clostridium_sensu_stricto_12	Clostridium_sensu_stricto_12_X	>HQ622753.1.1475 100 X78		
Clostridiales	Gracilibacteraceae	Lutispora	Lutispora_X	>AM991201.1.1439 98.77 X53		
Holophagales	Holophagaceae	Geothrix	Geothrix_X	>FR732316.1.868 99.3 X72		
Rhizobiales	Bradyrhizobiaceae	Rhodoblastus	Rhodoblastus_X	>HG324431.1.823 100 X103		
C_Azambacteria_X	C_Azambacteria_XX	C_Azambacteria_XXX	C_Azambacteria_XXXX	>EF072692.1.875 94.83 X154		
Rhizobiales	Rhizobiales_Incertae_Sedis	Bauldia	Bauldia_X	>FJ568560.1.651 100 X8		
Clostridiales	Eubacteriaceae	Acetobacterium	Acetobacterium_X	>FJ592917.1.1367 100 X20		
Acidimicrobiales	Acidimicrobiales_X	Acidimicrobiales_XX	Acidimicrobiales_XXX	>EU644173.1.1418 100 X33		
Chthoniobacterales	DA101_soil_group	DA101_soil_group_X	DA101_soil_group_XX	>HE861214.1.932 99.3 X43		
Chthoniobacterales	DA101_soil_group	DA101_soil_group_X	DA101_soil_group_XX	>EU861845.1.1526 98.36 X62		
43F-1404R	43F-1404R_X	43F-1404R_XX	43F-1404R_XXX	>AB657299.1.898 100 X232		
KD4-96_X	KD4-96_XX	KD4-96_XXX	KD4-96_XXXX	>KC663943.1.799 99.5 X125		
KD4-96_X	KD4-96_XX	KD4-96_XXX	KD4-96_XXXX	>KF712627.1.1476 99 X71		
Solirubrobacterales	Solirubrobacteraceae	Solirubrobacter	Solirubrobacter_X	>AM940921.1.992 100 X59		
Chthoniobacterales	DA101_soil_group	DA101_soil_group_X	DA101_soil_group_XX	>HE861319.1.933 97.18 X88		
Rhizobiales	Rhodobiaceae	Rhodobiaceae_X	Rhodobiaceae_XX	>AB806462.1.1413 100 X107		
Ignavibacteriales	BSV26	BSV26_X	BSV26_XX	>GQ421108.1.1056 99.76 X156		
Solirubrobacterales	Solirubrobacteraceae	Solirubrobacter	Solirubrobacter_X	>FN567276.1.854 100 X147		
Clostridiales	Clostridiaceae_1	Clostridium_sensu_stricto_13	Clostridium_spC5S18	>AB539901.1.1369 100 X2		
Frankiales	Nakamurellaceae	Nakamurella	Nakamurella_X	>FJ661758.1.817 99.75 X1		
Rhizobiales	MNG7	MNG7_X	MNG7_XX	>AB630410.1.1412 100 X3		
Acidimicrobiales	Acidimicrobiaceae	CL500-29_marine_group	CL500-29_marine_group_X	>EF019527.1.1372 100 X5		
Anaerolineales	Anaerolineaceae	Anaerolineaceae_X	Anaerolineaceae_XX	>EF589981.1.1374 97.02 X4		
Methylococcales	Crenotrichaceae	Crenothrix	Crenothrix_X	>AB753932.1.1453 97.42 X6		
KD4–96_X	KD4–96_XX	KD4-96_XXX	KD4-96_XXXX	>EF019369.1.1353 99.75 X10		
Corynebacteriales	Mycobacteriaceae	Mycobacterium	Mycobacterium_X	>EF187357.1.1401 99.75 X9		
KD4-96_X	KD4-96_XX	KD4-96_XXX	KD4-96_XXXX	>GQ420996.1.1029 100 X11		
Gaiellales Rhizobiales	Gaiellaceae Bradyrhizobiaceae	Gaiella Bradyrhizobium	Gaiella_X Bradyrhizobium_X	>JQ253435.1.801 98.59 X12		
Nitrosomonadales	Nitrosomonadaceae	Nitrosomonadaceae X	Nitrosomonadaceae XX	>AB035490.1.1413 100 X29 >AB656545.1.851 100 X24		
Rhizobiales	Hyphomicrobiaceae	Hyphomicrobium	Hyphomicrobium_X	>GQ263780.1.1426 100 X14		
Nitrospirales	Nitrospiraceae	Nitrospira	Nitrospira_X	>GQ203780.1.1420 100 X14 >GQ397034.1.1506 100 X25		
ARKICE-90_X	ARKICE-90_XX	ARKICE-90_XXX	ARKICE-90_XXXX	>AM935045.1.1376 100 X25		
Rhizobiales	Xanthobacteraceae	Pseudolabrys	Pseudolabrys_X	>FJ592559.1.1346 99.75 X15		
Acidimicrobiales	Acidimicrobiales_X	Acidimicrobiales_XX	Acidimicrobiales_XXX	>EU514548.1.844 100 X31		
Blastocatellales	Blastocatellaceae_(Subgroup_4)	 RB41	 RB41_X	>HQ598379.1.1515 99.76 X19		
Acidimicrobiales	Acidimicrobiaceae	CL500-29_marine_group	CL500-29_marine_group_X	>EF019440.1.1370 100 X17		
Chthoniobacterales	DA101_soil_group	DA101_soil_group_X	DA101_soil_group_XX	>EF018302.1.1408 99.77 X50		
Micrococcales	Intrasporangiaceae	Oryzihumus	Oryzihumus_X	>EF019959.1.1369 100 X54		
Bacteroidetes_vadinHA17_X	Bacteroidetes_vadinHA17_XX	Bacteroidetes_vadinHA17_XXX	Bacteroidetes_vadinHA17_XXXX	>JX981697.1.1043 99.53 X21		
Desulfobacterales	Desulfobulbaceae	[Desulfobacterium]_catecholicum_group	[Desulfobacterium]_catecholicum_group_X	>KF424855.1.853 99.3 X23		
Acidimicrobiales	Acidimicrobiales_X	Acidimicrobiales_XX	Acidimicrobiales_XXX	>KJ849553.1.600 99.75 X70		
Cytophagales	Cytophagaceae	Chryseolinea	Chryseolinea_X	>HQ911211.1.870 99.76 X18		
TRA3-20	TRA3-20_X	TRA3-20_XX	TRA3-20_XXX	>AB658352.1.889 100 X38		
Anaerolineales	Anaerolineaceae	Anaerolineaceae_X	Anaerolineaceae_XX	>FQ658747.1.1316 98.51 X34		
SB-5_X	SB-5_XX	SB-5_XXX	SB-5_XXXX	>AB630505.1.1452 100 X22		
Micrococcales	Intrasporangiaceae	Oryzihumus	Oryzihumus_X	>AM940531.1.819 99.75 X42		
Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EU124849.1.925 100 X28		
Solibacterales	Solibacteraceae_(Subgroup_3)	C_Solibacter	C_Solibacter_X	>KF973879.1.667 100 X26		
Micrococcales	Intrasporangiaceae	Oryzihumus	Oryzihumus_X	>EF034868.1.824 99.52 X32		
Micrococcales	Intrasporangiaceae	Intrasporangiaceae_X	Intrasporangiaceae_XX	>CU919398.1.1343 99.02 X41		
Myxococcales	BIrii41	Blrii41_X	BIrii41_XX	>JN038942.1.1513 98.83 X35		
Anaerolineales	Anaerolineaceae	Anaerolineaceae_X	Anaerolineaceae_XX	>KC607214.1.764 98.01 X76		
Solibacterales	Solibacteraceae_(Subgroup_3)	C_Solibacter	C_Solibacter_X	>EF664878.1.795 100 X30		
Bacteroidetes_vadinHA17_X	Bacteroidetes_vadinHA17_XX	Bacteroidetes_vadinHA17_XXX	Bacteroidetes_vadinHA17_XXXX	>EU644258.1.1482 99.76 X37		
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