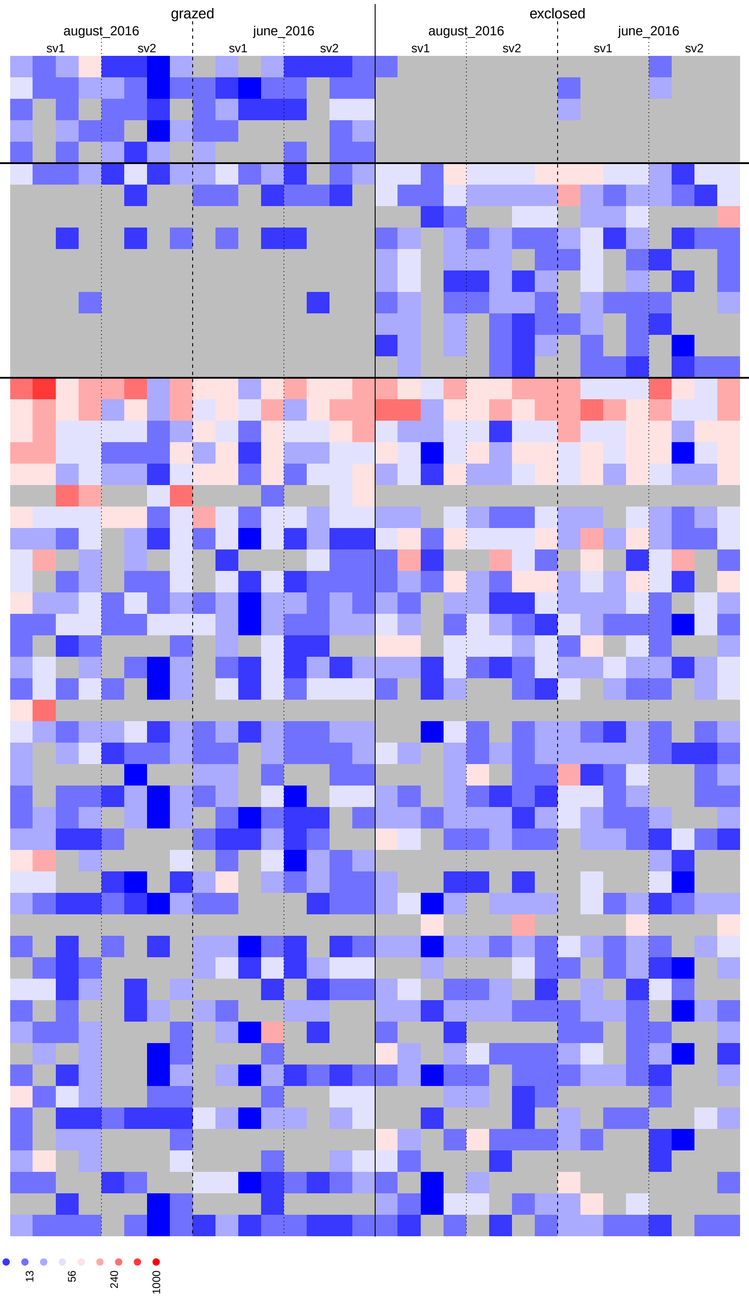Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>HQ534083.1.871	100	X49
Clostridiales	Clostridiaceae_1	Clostridium_sensu_stricto_12	Clostridium_sensu_stricto_12_X	>HQ622753.1.1475	100	X78
Clostridiales	Gracilibacteraceae	Lutispora	Lutispora_X	>AM991201.1.1439	98.77	X53
Rhizobiales	Bradyrhizobiaceae	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
Micrococcales	Intrasporangiaceae	Oryzihumus	Oryzihumus_X	>EF034868.1.824	99.52	X32
Acidimicrobiales	Acidimicrobiales_X	Acidimicrobiales_XX	Acidimicrobiales_XXX	>EU644173.1.1418	100	X33
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
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_sp._C5S18	>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
Opitutales	Opitutaceae	Opitutus	Opitutus_X	>HE861315.1.937	99.3	X7
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	Gaiellaceae	Gaiella	Gaiella_X	>JQ253435.1.801	98.59	X12
Rhizobiales	Bradyrhizobiaceae	Bradyrhizobium	Bradyrhizobium_X	>AB035490.1.1413	100	X29
Nitrosomonadales	Nitrosomonadaceae	Nitrosomonadaceae_X	Nitrosomonadaceae_XX	>AB656545.1.851	100	X24
Rhizobiales	Hyphomicrobiaceae	Hyphomicrobium	Hyphomicrobium_X	>GQ263780.1.1426	100	X14
Nitrospirales	Nitrospiraceae	Nitrospira	Nitrospira_X	>GQ397034.1.1506	100	X25
ARKICE−90_X	ARKICE−90_XX	ARKICE−90_XXX	ARKICE−90_XXXX	>AM935045.1.1376	100	X16
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	Intrasporangiaceae_X	Intrasporangiaceae_XX	>CU919398.1.1343	99.02	X41
Myxococcales	BIrii41	BIrii41_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
Clostridiales	Gracilibacteraceae	Lutispora	Lutispora_X	>HM481373.1.1391	98.77	X27
Rhizobiales	Xanthobacteraceae	Pseudolabrys	Pseudolabrys_X	>EF665573.1.807	100	X39
Rhizobiales	JG34−KF−361	JG34−KF−361_X	JG34−KF−361_XX	>JQ384506.1.744	100	X36