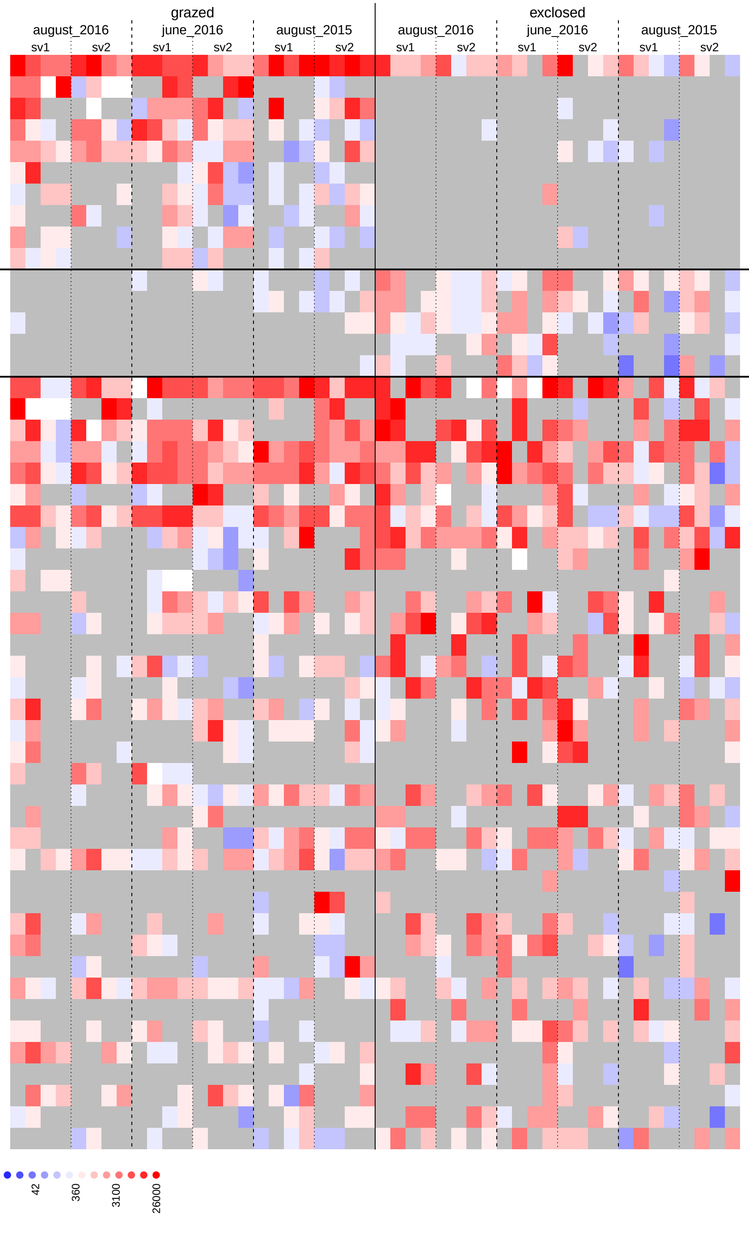Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	96.77	X3
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF212344.1	88.89	X4
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	__51_	>EF623749.1	94.34	X10
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067075.1	94.14	X31
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	93.94	X42
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067073.1	90.91	X43
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylomicrobium	Methylomicrobium_X	>AY571989.1	85.66	X65
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	__19_	>EF623694.1	94.34	X87
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623691.1	86.06	X85
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylococcaceae_X	Methylococcaceae_XX	>DQ067087.1	86.06	X99
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067080.1	92.93	X26
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	94.34	X48
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	93.13	X64
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	92.53	X73
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylosarcina	Methylosarcina_X	>EF212343.1	91.11	X66
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EU071131.1	88.89	X1
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067076.1	89.29	X2
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067066.1	90.51	X5
Bacteria(MOB_like)	Bacteria(MOB_like)_X	Bacteria(MOB_like)_XX	Bacteria(MOB_like)_XXX	Bacteria(MOB_like)_XXXX	Bacteria(MOB_like)_XXXXX	Bacteria(MOB_like)_XXXXXX	>DQ295913.1	98.79	X6
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	92.12	X8
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_tundripaludum	>ref	100	X11
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067075.1	93.74	X7
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	93.94	X12
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067084.1	94.75	X14
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	__51_	>EF623749.1	94.34	X13
Bacteria(MOB_like)	Bacteria(MOB_like)_X	Bacteria(MOB_like)_XX	Bacteria(MOB_like)_XXX	Bacteria(MOB_like)_XXXX	Bacteria(MOB_like)_XXXXX	Bacteria(MOB_like)_XXXXXX	>DQ295913.1	98.79	X16
Bacteria(MOB_like)	Bacteria(MOB_like)_X	Bacteria(MOB_like)_XX	Bacteria(MOB_like)_XXX	Bacteria(MOB_like)_XXXX	Bacteria(MOB_like)_XXXXX	Bacteria(MOB_like)_XXXXXX	>DQ295913.1	98.79	X19
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	92.32	X20
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	95.35	X21
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	89.9	X23
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067066.1	90.1	X17
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylomicrobium	Methylomicrobium_X	>AY571989.1	86.46	X27
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylomicrobium	Methylomicrobium_X	>AY571989.1	85.86	X32
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	__51_	>EF623749.1	93.94	X30
Bacteria(MOB_like)	Bacteria(MOB_like)_X	Bacteria(MOB_like)_XX	Bacteria(MOB_like)_XXX	Bacteria(MOB_like)_XXXX	Bacteria(MOB_like)_XXXXX	Bacteria(MOB_like)_XXXXXX	>EU071116.1	99.39	X33
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067085.1	95.15	X29
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067075.1	93.13	X22
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	93.74	X18
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	89.9	X39
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_tundripaludum	>ref	97.58	X38
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067075.1	91.31	X25
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EU071131.1	87.47	X40
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylosarcina	__25_	>EU071088.1	90.3	X9
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	93.13	X37
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	92.53	X58
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	94.75	X34
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EU071134.1	87.27	X46
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	93.74	X41
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylococcaceae_X	Methylococcaceae_XX	>AB451518.1	86	X49
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067075.1	92.93	X45
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>JQ040553.1	94.14	X47