										grazed		6	exclosed	
									august_2016	june_2016	august_2015	•		august_2015
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF212344.1	88.89 X4	sv1 sv2	sv1 sv2	sv1 sv2	sv1 sv2 sv′	/1 sv2	sv1 sv2
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	>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	>JQ040553.1	93.74 X18						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067073.1	90.91 X43						
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	>EF623694.1	94.34 X87						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylomicrobium	Methylomicrobium_X	>AY571989.1	85.66 X65						
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	Methylosarcina	Methylosarcina_X	>EF212343.1	91.11 X66						
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	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)	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_X	>DQ067066.1	90.51 X5						
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	>EF623749.1	94.34 X13						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_tundripaludum	>ref	100 X11						
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)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623749.1	93.94 X30						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	93.94 X12						
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_tundripaludum	>ref	97.58 X38						
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	89.9 X23						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylomicrobium	Methylomicrobium_X	>AY571989.1	86.46 X27						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067066.1	90.1 X17						
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	>DQ067084.1	94.75 X14						
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	>JQ040553.1	95.35 X21						
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EU071131.1	87.47 X40						
Bacteria (MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>DQ067085.1	95.15 X29						
Bacteria (MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylosarcina Mathylobactar	Methylosarcina_X	>EU071088.1	90.3 X9						
Bacteria (MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylopagagaga	Methylopacter_X	>JQ040564.1	93.74 X72						
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	>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	Methylobacter	Methylobacter_X	>JQ040553.1	94.75 X34						

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