										grazed		exclosed
									august_2016	june_2016 august_	2015 august_2016	june_2016 august_2015
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF212344.1	88.89 X4	3,1	5/2 5/1	311	5 5
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter	Methylobacter_X	>EF623697.1	96.77 X3				
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	>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	19_	>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	51_	>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	51_	>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	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  Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter Methylobacter	Methylobacter_X	>JQ040553.1	95.35 X21				
Bacteria(MOB_like)	Proteobacteria  Proteobacteria	Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylobacter Methylobacter	Methylobacter_X	>EU071131.1	87.47 X40				
Bacteria(MOB_like)	Proteobacteria  Proteobacteria	Gammaproteobacteria	Methylococcales  Mothylococcales	Methylococcaceae  Methylococcaceae	Methylosarcina	Methylobacter_X	>DQ067085.1	95.15 X29				
Bacteria(MOB_like)	Proteobacteria  Proteobacteria	Gammaproteobacteria	Methylococcales  Mothylococcales	Methylococcaceae  Methylococcaceae	Methylosarcina Methylobactor	25_ Mothylobactor X	>EU071088.1	90.3 X9				
Bacteria(MOB_like)	Proteobacteria Proteobacteria	Gammaproteobacteria	Methylococcales  Mothylococcales	Methylococcaceae	Methylococcacaa X	Methylococcacoa XX	>JQ040564.1	93.74 X72				
Bacteria(MOB_like)		Gammaproteobacteria	Methylococcales	Methylococcaceae	Methylococcaceae_X Methylobacter	Methylococcaceae_XX	>AB451518.1	86 X49 87.27 X46				
Bacteria(MOB_like) Bacteria(MOB_like)	Proteobacteria Proteobacteria	Gammaproteobacteria	Methylococcales Methylococcales	Methylococcaceae Methylococcaceae	Methylobacter	Methylobacter_X Methylobacter_X	>EU071134.1					
Bacteria(MOB_like)	Proteobacteria	Gammaproteobacteria Gammaproteobacteria	Methylococcales	•	Methylobacter	Methylobacter_X Methylobacter_X	>EF623697.1	93.74 X41				
Dacteria(IVIOD_IIKE)	rioleonaclena	Gammaproteopacteria	wellylococcales	Methylococcaceae	Methylobactel	Methylobacter_X	>JQ040553.1	94.75 X34				

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