| | | | | | | | | | | grazed | | | exclosed | |
|---------------------------------------|----------------------------------|--|----------------------------------|------------------------------------|--------------------------------|------------------------------------|----------------------------|-----------------------------|-------------|-----------|------------------|-------------|-----------|-------------|
| | | | | | | | | | august_2016 | june_2016 | august_2015 | august_2016 | june_2016 | august_2015 |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | >EF623697.1 | 96.77 X3 | sv1 sv2 | sv1 sv2 | SVI SVZ | SVI : SVZ | sv1 sv2 | sv1 sv2 |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 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 8 | 85.66 X65 | | | | 1 | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | 19_ | >EF623694.1 | 94.34 X87 | | | | 1 | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | >EF623691.1 8 | 86.06 X85 | | | | 1 1 | | _ |
| 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 | | | <u> </u> | | | |
| 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 | | 88.89 X1 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 89.29 X2 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 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 | | 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 | | 93.74 X7 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 93.94 X12 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 94.75 X14 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | 51_ | | 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 | | 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 | | 98.79 X19 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 92.32 X20 | - 1 | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 95.35 X21 | | _ | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 89.9 X23 | | | | | | |
| Bacteria (MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 90.1 X17 | | | | | | |
| Bacteria (MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylomicrobium | Methylomicrobium_X | | 86.46 X27 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylomicrobium | Methylomicrobium_X | | 85.86 X32 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | 51_ | | 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 | | 99.39 X33 | _ | | | | | |
| Bacteria(MOB_like) Bacteria(MOB_like) | Proteobacteria Proteobacteria | Gammaproteobacteria Gammaproteobacteria | Methylococcales Methylococcales | Methylococcaceae | Methylobacter Methylobacter | Methylobacter_X | | 95.15 X29 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales Methylococcales | Methylococcaceae Methylococcaceae | Methylobacter Methylobacter | Methylobacter_X Methylobacter_X | | 93.13 X22 93.74 X18 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae Methylococcaceae | Methylobacter | Methylobacter_X | | 89.9 X39 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_tundripaludum | | 97.58 X38 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | >ref 9 >DQ067075.1 9 | 97.30 A30 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | >EU071131.1 8 | 91.31 A23 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylosarcina | 25_ | | 90.3 X9 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | 25_ Methylobacter_X | | 93.13 X37 | | | | | | 4 |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 93.13 X37 9 3.53 X58 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 94.75 X34 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 94.75 X34 87.27 X46 | | | ~ ~ - | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 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 | | 92.93 X45 | | | | | | |
| Bacteria(MOB_like) | Proteobacteria | Gammaproteobacteria | Methylococcales | Methylococcaceae | Methylobacter | Methylobacter_X | | 94.14 X47 | | | | | | |
| Daotoria (MOD_into) | | Caaprotoobaotona | | | | | ∕∪≪∪ ⊤ ∪∪∪∪.1 8 | ∪ r. i=t | | | | | | |

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