Tree scale: 0.1

Sulfolobus solfataricus P2 IMG 638154518
Pyrococcus yayanosii CH1 IMG 650716080
Thermococcus sp. 4557 IMG 650716097
Methanopyrus kandleri AV19 IMG 638154507
Methanoflorens stordalenmirensis IMG 2518645542
Candidatus Syntrophoarchaeum butanivorans U 178
Candidatus Syntrophoarchaeum caldarius U 179
ANME GB60 U 246
ANME GB37 U 245
ANME-1 cluster archaeon ex4572-4 U 239
ANME HR1 ANME sp. GoMg1 U 211
ANME SCGC AAA252-L18 Methanosaeta sp. S5133MB62 U 162
ANME ERB6 U 270
ANME SA U 192
ANME HR1 ANME sp. GoMg4 U 214
ANME HR1 ANME sp. GoMg2 U 212
ANME CONS3730H04p2b1S5133MB62 U 167
ANME CONS3730MDAH03UFb1 S5133MB62 U 168
ANME CONS3730F07p2b1 S5133MB62 U 165
ANME Agg-C03 U 38
ANME CONS3730B06UFb1 S5133MB62 U 163
ANME ERB7 U 271
ANME HR1 ANME sp. GoMg3.2 U 213
ANME Meyerdierks U 40
ANME-1 cluster archaeon AG-394-G06 U 262
ANME-1 cluster archaeon AG-394-G21 U 263
Methermicoccus shengliensis DSM 18856 IMG 2565956510
Candidatus Methanoperedens nitroreducens IMG 2515154041
Candidatus Methanoperedens sp. BLZ1 U 177
Methanosarcinales archaeon ex4572-44 U 243
Methanosarcinales archaeon ex4484-138 U 242
ANME CONS3730D10UFb2 U 369
ANME CONS3730E01UFb2 Methanosaeta sp. S5133MB62 U 164
ANME CONS3730F09p3b1 Methanosaeta sp. S5133MB62 U 166
ANME HR1 U 21
ANME HMMV-459A3 U 251
ANME Wang IMG 2565956544
ANME HMMV-459B4 U 255
ANME CONS7142G09b1 U 115
ANME CONS7142H05b1 Methanosaeta sp. S5133MB62 U 169
ANME S7142MS1 U 194
ANME ERB4 U 269
ANME COP2 U 113
ANME AMVER4-31 U 248
ANME AMVER4-21 U 247
ANME E20 U 244
ANME HMMV-459B1 U 252
ANME Agg-C10 U 39
ANME COP1 U 112
Methanosalsum zhilinae DSM 4017 IMG 2502790017
Methanohalobium evestigatum Z-7303 IMG 648028039
ANME HMMV 193
ANME HMMV2 196
Methanococcoides burtonii DSM 6242 IMG 637000161
Methanohalophilus mahii DSM 5219 IMG 646564550
Methanomethylovorans hollandica DSM 15978 IMG 2509601008

"*Ca*. Syntrophoarchaeum"

ANME-1 "*Ca*. Methanophagaceae"

ANME-2d "*Ca*. Methanoperedens"

GoM Arc I "*Ca*. Argoarchaeum"

ANME-2b "*Ca*. Methanomarinus"

ANME-2a "*Ca*. Methanocomedens"

ANME-2c "*Ca*. Methanogasteraceae"

ANME-3 "*Ca*. Methanovorans"