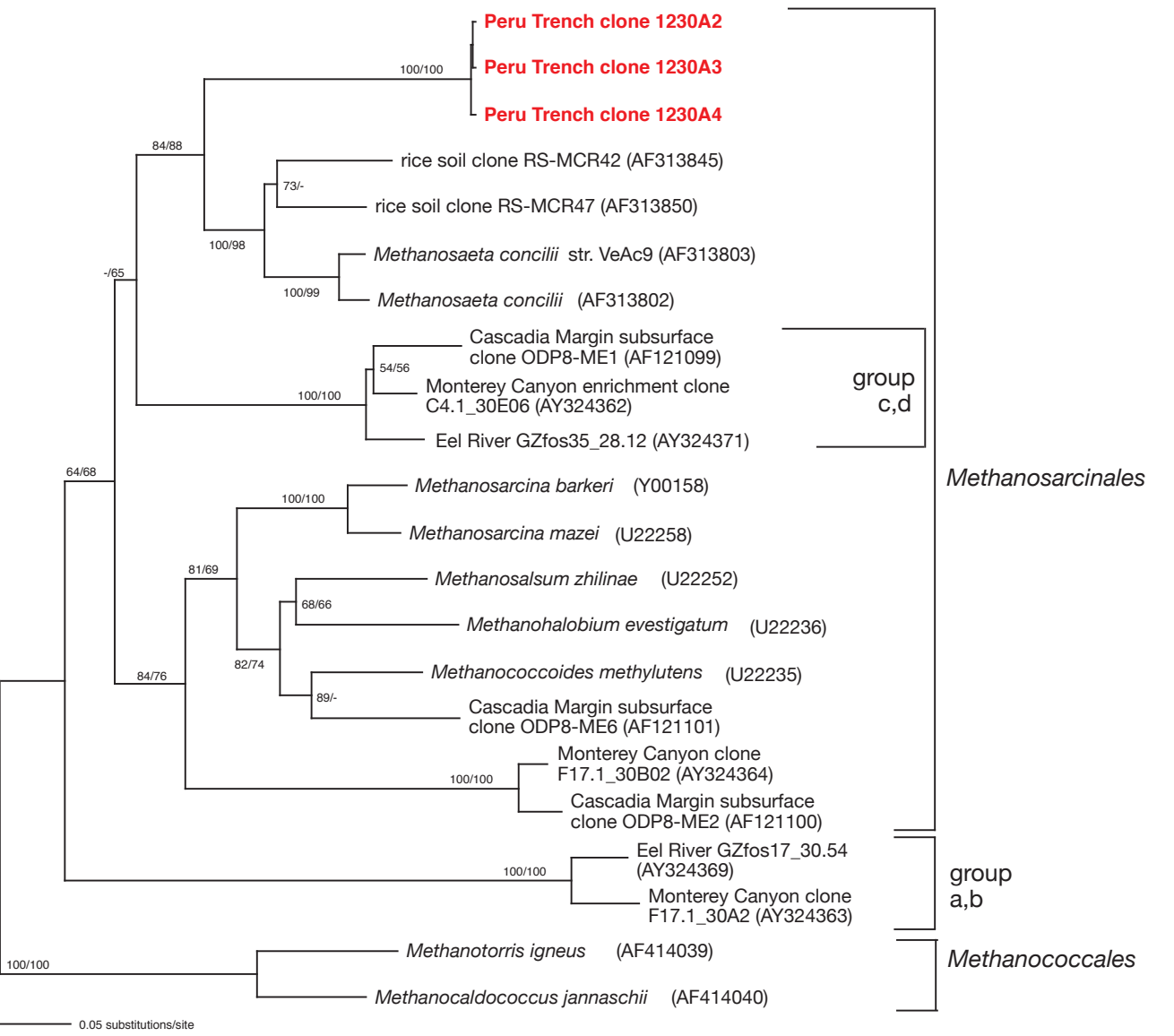
Peru Trench clone 1230A2
Peru Trench clone 1230A3
Peru Trench clone 1230A4
100/100
84/88
rice soil clone RS-MCR42 (AF313845)
73/-
rice soil clone RS-MCR47 (AF313850)
100/98
Methanosaeta concilii str. VeAc9 (AF313803)
-/65
100/99
Methanosaeta concilii (AF313802)
Cascadia Margin subsurface clone ODP8-ME1 (AF121099)
54/56
Monterey Canyon enrichment clone C4.1_30E06 (AY324362)
100/100
Eel River GZfos35_28.12 (AY324371)
group c,d
64/68
Methanosarcina barkeri (Y00158)
100/100
Methanosarcina mazei (U22258)
81/69
Methanosalsum zhilinae (U22252)
68/66
Methanohalobium evestigatum (U22236)
82/74
Methanococcoides methylutens (U22235)
84/76
89/-
Cascadia Margin subsurface clone ODP8-ME6 (AF121101)
Monterey Canyon clone F17.1_30B02 (AY324364)
100/100
Cascadia Margin subsurface clone ODP8-ME2 (AF121100)
Methanosarcinales
Eel River GZfos17_30.54 (AY324369)
100/100
Monterey Canyon clone F17.1_30A2 (AY324363)
group a,b
Methanotorris igneus (AF414039)
100/100
Methanocaldococcus jannaschii (AF414040)
Methanococcales
0.05 substitutions/site