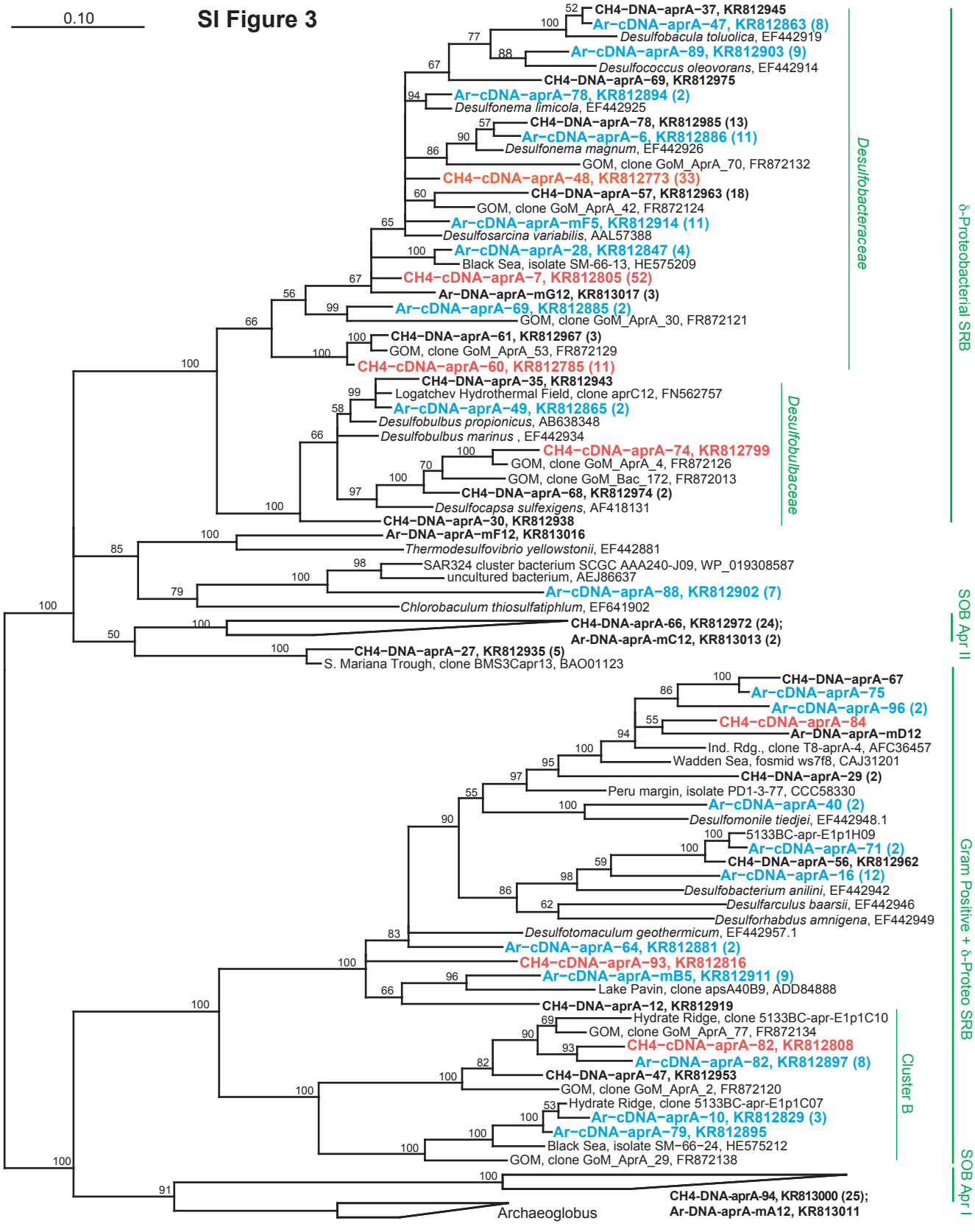
0.10
SI Figure 3
CH4−DNA−aprA−37, KR812945
Ar−cDNA−aprA−47, KR812863 (8)
Desulfobacula toluolica, EF442919
Ar−cDNA−aprA−89, KR812903 (9)
Desulfococcus oleovorans, EF442914
CH4−DNA−aprA−69, KR812975
Ar−cDNA−aprA−78, KR812894 (2)
Desulfonema limicola, EF442925
CH4−DNA−aprA−78, KR812985 (13)
Ar−cDNA−aprA−6, KR812886 (11)
Desulfonema magnum, EF442926
GOM, clone GoM_AprA_70, FR872132
CH4−cDNA−aprA−48, KR812773 (33)
CH4−DNA−aprA−57, KR812963 (18)
GOM, clone GoM_AprA_42, FR872124
Ar−cDNA−aprA−mF5, KR812914 (11)
Desulfosarcina variabilis, AAL57388
Ar−cDNA−aprA−28, KR812847 (4)
Black Sea, isolate SM-66-13, HE575209
CH4−cDNA−aprA−7, KR812805 (52)
Ar−DNA−aprA−mG12, KR813017 (3)
Ar−cDNA−aprA−69, KR812885 (2)
GOM, clone GoM_AprA_30, FR872121
CH4−DNA−aprA−61, KR812967 (3)
GOM, clone GoM_AprA_53, FR872129
CH4−cDNA−aprA−60, KR812785 (11)
CH4−DNA−aprA−35, KR812943
Logatchev Hydrothermal Field, clone aprC12, FN562757
Ar−cDNA−aprA−49, KR812865 (2)
Desulfobulbus propionicus, AB638348
Desulfobulbus marinus , EF442934
CH4−cDNA−aprA−74, KR812799
GOM, clone GoM_AprA_4, FR872126
GOM, clone GoM_Bac_172, FR872013
CH4−DNA−aprA−68, KR812974 (2)
Desulfocapsa sulfexigens, AF418131
CH4−DNA−aprA−30, KR812938
Ar−DNA−aprA−mF12, KR813016
Thermodesulfovibrio yellowstonii, EF442881
SAR324 cluster bacterium SCGC AAA240-J09, WP_019308587
uncultured bacterium, AEJ86637
Ar−cDNA−aprA−88, KR812902 (7)
Chlorobaculum thiosulfatiphlum, EF641902
CH4-DNA-aprA-66, KR812972 (24);
Ar-DNA-aprA-mC12, KR813013 (2)
CH4−DNA−aprA−27, KR812935 (5)
S. Mariana Trough, clone BMS3Capr13, BAO01123
CH4−DNA−aprA−67
Ar−cDNA−aprA−75
Ar−cDNA−aprA−96 (2)
CH4−cDNA−aprA−84
Ar−DNA−aprA−mD12
Ind. Rdg., clone T8-aprA-4, AFC36457
Wadden Sea, fosmid ws7f8, CAJ31201
CH4−DNA−aprA−29 (2)
Peru margin, isolate PD1-3-77, CCC58330
Ar−cDNA−aprA−40 (2)
Desulfomonile tiedjei, EF442948.1
5133BC-apr-E1p1H09
Ar−cDNA−aprA−71 (2)
CH4−DNA−aprA−56, KR812962
Ar−cDNA−aprA−16 (12)
Desulfobacterium anilini, EF442942
Desulfarculus baarsii, EF442946
Desulforhabdus amnigena, EF442949
Desulfotomaculum geothermicum, EF442957.1
Ar−cDNA−aprA−64, KR812881 (2)
CH4−cDNA−aprA−93, KR812816
Ar−cDNA−aprA−mB5, KR812911 (9)
Lake Pavin, clone apsA40B9, ADD84888
CH4−DNA−aprA−12, KR812919
Hydrate Ridge, clone 5133BC-apr-E1p1C10
GOM, clone GoM_AprA_77, FR872134
CH4−cDNA−aprA−82, KR812808
Ar−cDNA−aprA−82, KR812897 (8)
CH4−DNA−aprA−47, KR812953
GOM, clone GoM_AprA_2, FR872120
Hydrate Ridge, clone 5133BC-apr-E1p1C07
Ar−cDNA−aprA−10, KR812829 (3)
Ar−cDNA−aprA−79, KR812895
Black Sea, isolate SM−66−24, HE575212
GOM, clone GoM_AprA_29, FR872138
CH4-DNA-aprA-94, KR813000 (25);
Ar-DNA-aprA-mA12, KR813011
Archaeoglobus
Desulfobacteraceae
Desulfobulbaceae
δ-Proteobacterial SRB
SOB Apr II
Gram Positive + δ-Proteo SRB
Cluster B
SOB Apr I