

Nitrospirae supercluster

Environmental supercluster 1

Desulfosporosinus youngiae

Desulfitobacterium hafniense
Gordonibacter pamelaeae

uncultured Firmicute from digester

uncultured Firmicute from industrial environment

Desulfitibacter alkalitolerans

Thermodesulfobium narugense

uncultured Firmicute from deep sea sediment

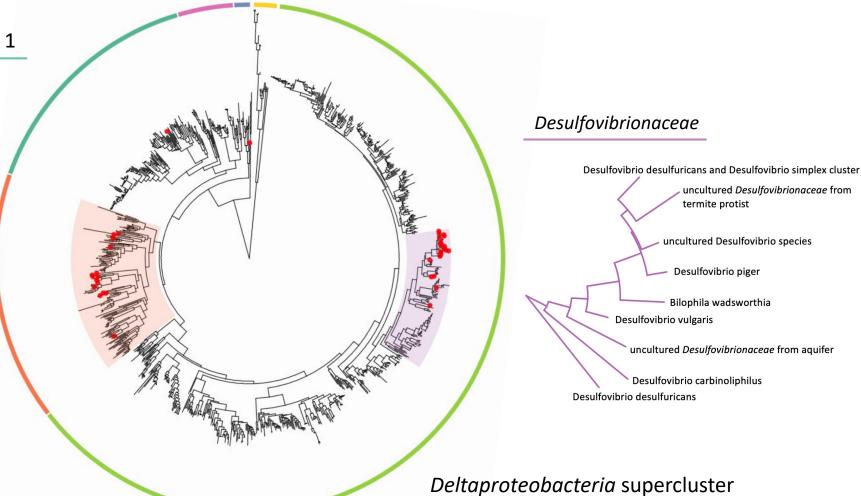
uncultured Firmicute from bioreactor

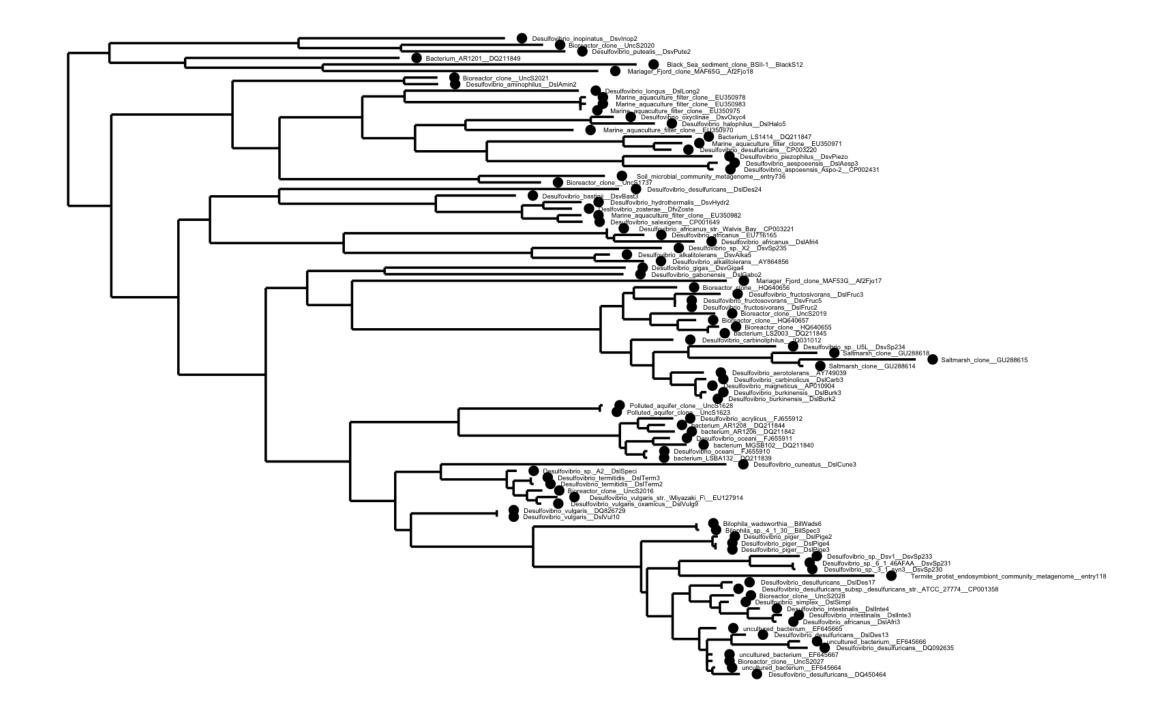
uncultured Firmicute from estuary

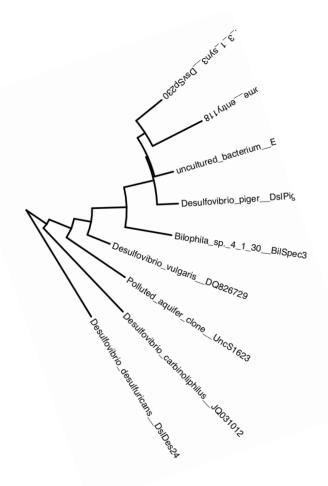
uncultured Firmicute from arctic sediment

uncultured Firmicute from aquifer

Firmicutes group







Desulfovibrio desulfuricans and Desulfovibrio simplex cluster uncultured Desulfovibrionaceae from termite protist uncultured *Desulfovibrio* species Desulfovibrio piger Bilophila wadsworthia Desulfovibrio vulgaris uncultured Desulfovibrionaceae from aquifer Desulfovibrio carbinoliphilus Desulfovibrio desulfuricans

Desulfosporosinus youngiae

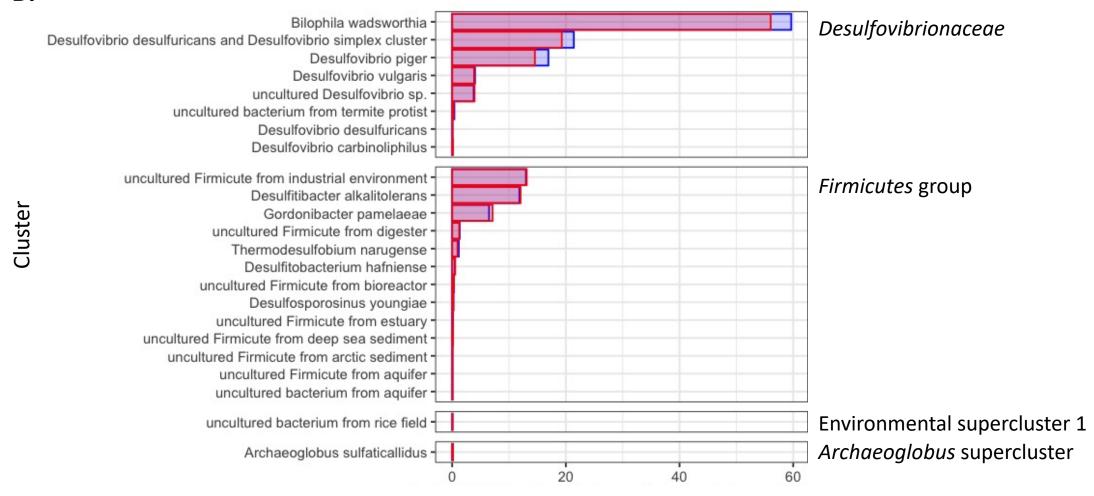
Desulfitobacterium hafniense Gordonibacter pamelaeae

uncultured Firmicute from digester

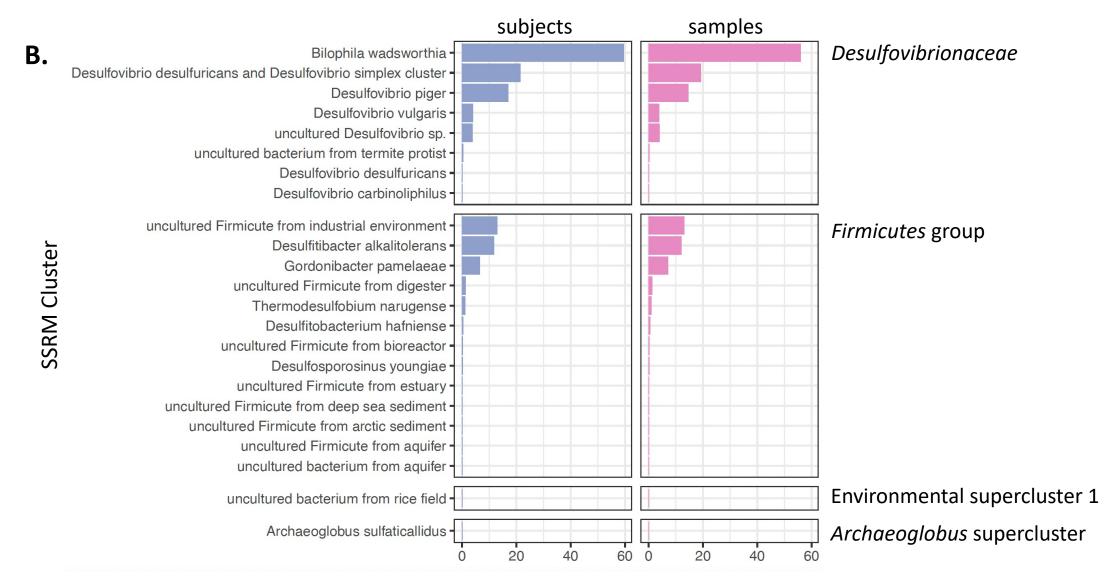
uncultured Firmicute AY751286, AY751284 (isolated from industrial environment)

Desulfitibacter alkalitolerans

Thermodesulfobium narugense
uncultured Firmicute from
deep sea sediment
uncultured Firmicute from bioreactor
uncultured Firmicute from estuary
uncultured Firmicute from arctic sediment
uncultured Firmicute from aquifer



% of SSRM Positive Subjects (blue) and Samples (red)



% of SSRM Positive Subjects (left) and Samples (right)

A.

Archaeoglobus supercluster

reductive archaeal type dsraAB

Nitrospirae supercluster

Environmental supercluster 1

Firmicutes group

Desulfosporosinus youngiae

Desulfitobacterium hafniense
Gordonibacter pamelaeae

uncultured Firmicute from digester

uncultured Firmicute from industrial environment

Desulfitibacter alkalitolerans

Thermodesulfobium narugense

uncultured Firmicute from deep sea sediment

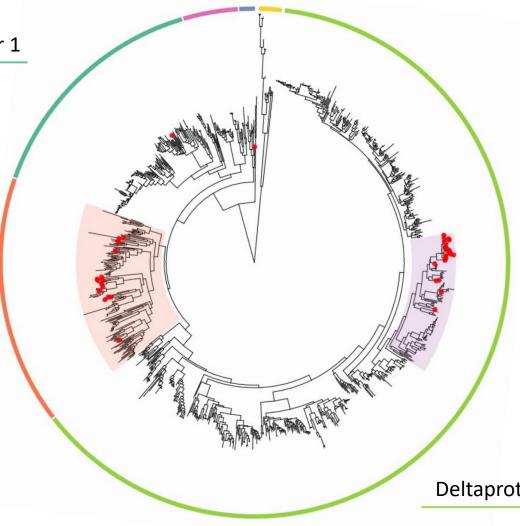
uncultured Firmicute from bioreactor

uncultured Firmicute from estuary

uncultured Firmicute from arctic sediment

uncultured Firmicute from aquifer

Firmicutes found in the gut



Desulfovibrionaceae

Desulfovibrio desulfuricans and Desulfovibrio simplex cluster
uncultured Desulfovibrionaceae from
termite protist

uncultured Desulfovibrio species

Desulfovibrio piger

Bilophila wadsworthia
Desulfovibrio vulgaris
uncultured Desulfovibrionaceae from aquifer

Desulfovibrio carbinoliphilus
Desulfovibrio desulfuricans

Desulfovibrionaceae found in the gut

Deltaproteobacteria supercluster

A.

Archaeoglobus supercluster

reductive archaeal type dsraAB

Nitrospirae supercluster

Environmental supercluster 1

Firmicutes group

Desulfosporosinus youngiae

Desulfitobacterium hafniense Gordonibacter pamelaeae

uncultured Firmicute from digester

uncultured Firmicute AY751286, AY751284 (isolated from industrial environment)

Desulfitibacter alkalitolerans

Thermodesulfobium narugense uncultured Firmicute from

deep sea sediment

uncultured Firmicute from bioreactor

uncultured Firmicute from estuary

uncultured Firmicute from arctic sediment

uncultured Firmicute from aquifer

Firmicutes found in the gut

