Reactions and taxa Actinobacteriota C-S-01:Organic carbon oxidation Alphaproteobacteria C-S-02:Carbon fixation Bacteroidota Chloroflexota a Taxa Carbon C-S-04:Acetate oxidation Actinobacteriota Alphaproteobacteria C-S-05:Hydrogen generation Bacteroidota Chloroflexota C-S-06:Fermentation Desulfobacterota Elusimicrobiota C-S-08:Methanotrophy C-S-09:Hydrogen oxidation Gammaproteobacteria N–S–01:Nitrogen fixation Gemmatimonadota Bammaproteobacteria N-S-04:Nitrate reduction Hadesarchaeota Halobacterota N-S-05:Nitrite reduction Nitrogen Nitrospirota N-S-06:Nitric oxide reduction Omnitrophota N-S-07:Nitrous oxide reduction Patescibacteria N-S-08:Nitrite ammonification Planctomycetota O-S-01:Metal reduction Thermoplasmatota O-S-02:Arsenate reduction Oxygen **UBA9089** O-S-03:Arsenite oxidation S-S-01:Sulfide oxidation Gemmatimonadota Hadesarchaeota S–S–03:Sulfur oxidation TVIIIOSPIIOIA Sulfur Omnitrophota S-S-04:Sulfite oxidation S-S-05:Sulfate reduction on 1 Patescibacteria 5-5-09: Miosulate disproportionation 2

Category

Taxa

Reaction