Reactions and taxa AABM5-125-24 Bacteroidota C-S-01:Organic carbon oxidation Desulfobacterota C-S-02:Carbon fixation Eisenbacteria Taxa AABM5-125-24 C-S-04:Acetate oxidation Carbon Acidobacteriota C-S-05:Hydrogen generation Bacteroidota Bammaproteobacteria Desulfobacterota Eisenbacteria C-S-06:Fermentation Gammaproteobacteria Latescibacterota Latescibacterota C-S-08:Methanotrophy MBNT15 MBNT15 Micrarchaeota C-S-09:Hydrogen oxidation Micrarchaeota Nanoarchaeota N-S-01:Nitrogen fixation Nanoarchaeota Nitrospirota Nitrospirota N-S-05:Nitrite reduction Nitrogen Omnitrophota N-S-06:Nitric oxide reduction N-S-07:Nitrous oxide reduction Patescibacteria Omnitrophota N-S-08:Nitrite ammonification Planctomycetota O-S-01:Metal reduction Thermoplasmatota Oxygen O-S-02:Arsenate reduction **UBA10199** Patescibacteria Zixibacteria O-S-03:Arsenite oxidation O O O I.Oumac Oxidation S-S-03:Sulfur oxidation Planctomycetota S-S-04:Sulfite oxidation Sulfur S-S-05:Sulfate reduction S-S-06:Sulfite reduction n S-S-00:Triiosullate disproportionation 1 Thermoplasmatota Zixibacteria S-S-09:Thiosulfate disproportionation 2 Reaction Taxa Category