



Figure S13. *nosZ* and *narG* phylotypes on particle and prefiltered samples from 120m. If the ratio of $>30\ \mu\text{m} / <30\ \mu\text{m}$ is >5 , then the phylotype is considered particle-attached, and if the ratio of $<30\ \mu\text{m} / >30\ \mu\text{m}$ is >5 , then the phylotype is considered free-living (Fuchsman et al., 2011).