



Figure S6 Median base coverage and scaffold length of scaffolds in original *Nitrospira* MAG and the re-assembled “*Ca. N. alkalitolerans*” MAG from Illumina MiSeq sequencing of the “*Ca. N. alkalitolerans*” enrichment culture. Scaffold length (x-axis) is shown in log-scale in (a) and linear scale in (b). Contigs with coverage values of 220 – 700 were binned and re-assembled as the “*Ca. Nitrospira alkalitolerans*” MAG, while contigs with coverage values of 120 – 220 and < 120 were binned into *Nitrospira* bin1 and bin2, respectively (see also Table S1).