



Supplementary Figure 6. Maximum likelihood tree showing the phylogeny of the large subunit of RubisCo found in the MAG of the putative photoautotrophic *Gemmatimonadetes* bacterium. References were obtained from [35]. All types except for type IA/IB are collapsed and the branch of the *Gemmatimonadetes* MAG is highlighted. Colored circles at the nodes represent the bootstraps values and the scale bare indicates the amino acid substitutions per site.