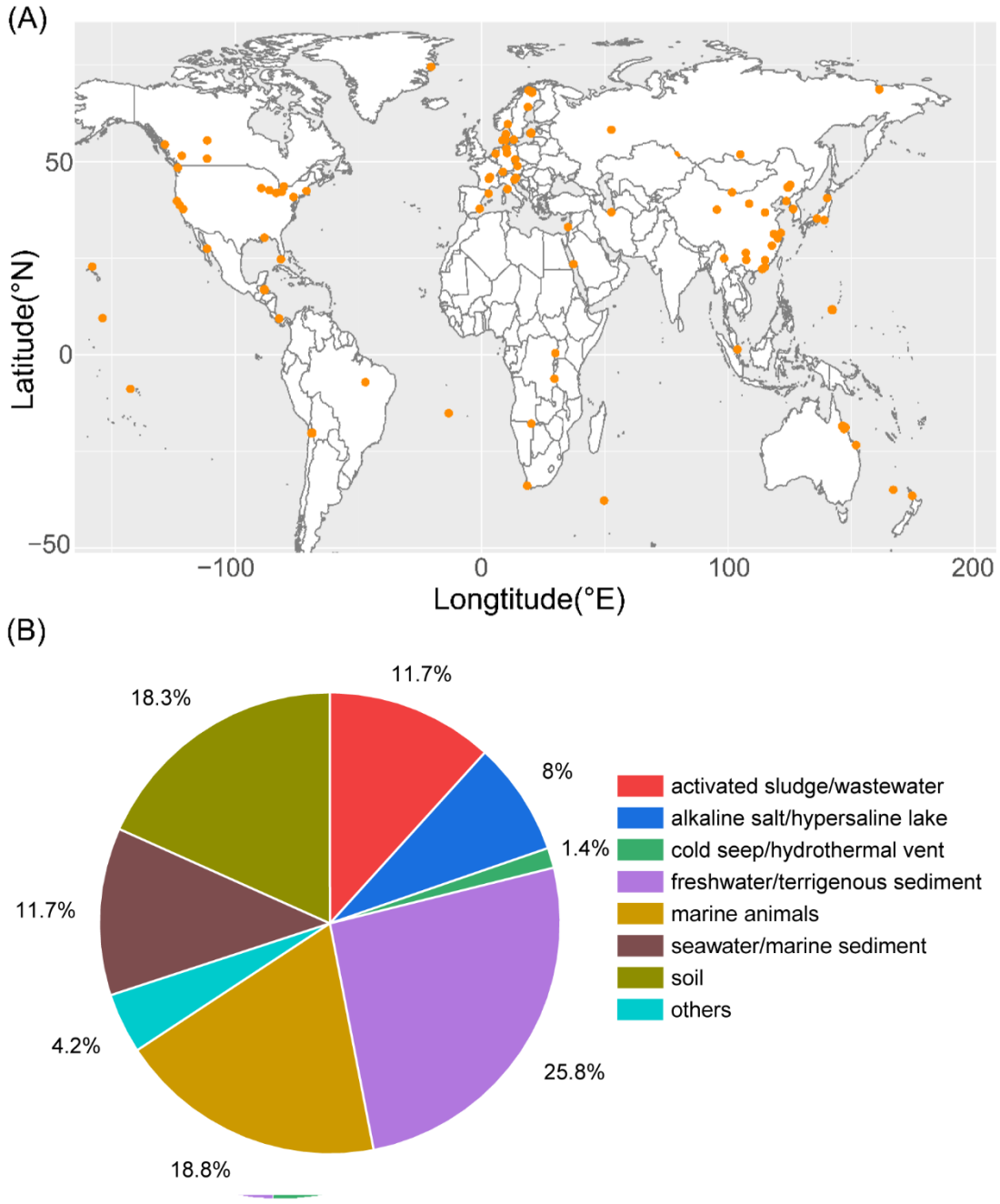


Figure S1. (A) Environment sources of the 213 representative Gemmatimonadota genomes analyzed in this study. (B) Proportion of Gemmatimonadota genomes from different environments.

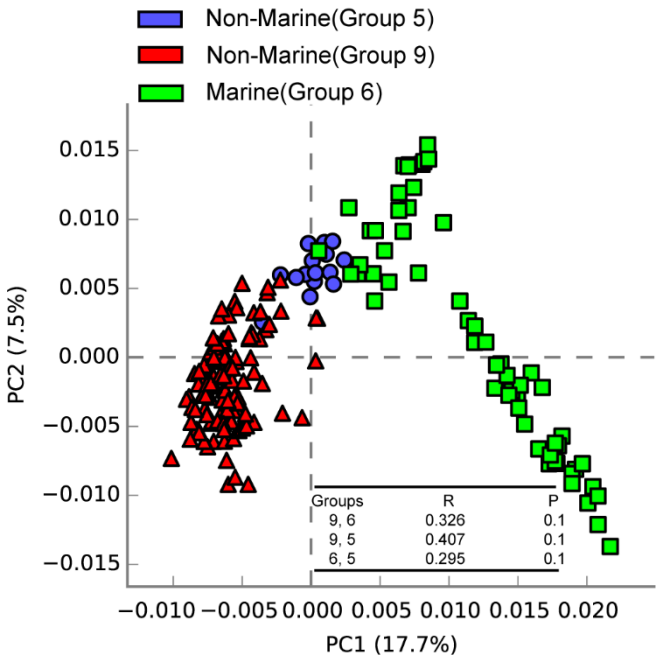


Figure S2. PCA analysis of non-marine (Group 5 and Group 9) and marine (Group 6) groups. The R and P values of the ANOSIM analysis results between the three groups are labeled in the figure.