



Fig. S1 The structures of isoprenoidal and branched GDGTs and their corresponding [M+H]⁺ value (from Dang et al., 2016).

Dang, X.Y., Xue, J.T., Yang, H., Xie, S.C.: Environmental impacts on the distribution of microbial tetraether lipids in Chinese lakes with contrasting pH: Implications for lacustrine paleoenvironmental reconstructions. *Sci. China. Earth. Sci.* 59, 939-950, DOI:10.1007/s11430-015-5234-z, 2016.