Supplement of

Contribution of Marine Group II *Euryarchaeota* to cyclopentyl tetraethers in the Pearl River estuary and coastal South China Sea: impact on the TEX$_{86}$ paleothermometer

J. X. Wang et al.

*Correspondence to: C . L. Zhang (archaeazhang_1@tongji.edu.cn)*

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.
Fig. S1. Structures of archaeal core GDGTs described in the text.
Fig. S2. Cluster analysis of the fractional abundance of iGDGTs in SPM samples collected from the lower Pearl River, the PR estuary, and coastal South China Sea. A, CL-GDGT-based cluster; B, IPL-OH GDGT-based cluster.
Fig. S3. RDA ordination plots for the first two principal dimensions of the relationship between archaeal membrane lipids (blue line) and the environmental parameters (red line) in the Pearl River, the Pearl River estuary, and coastal South China Sea. Solid dots represent the sample points with the same label as shown in Fig. 1.