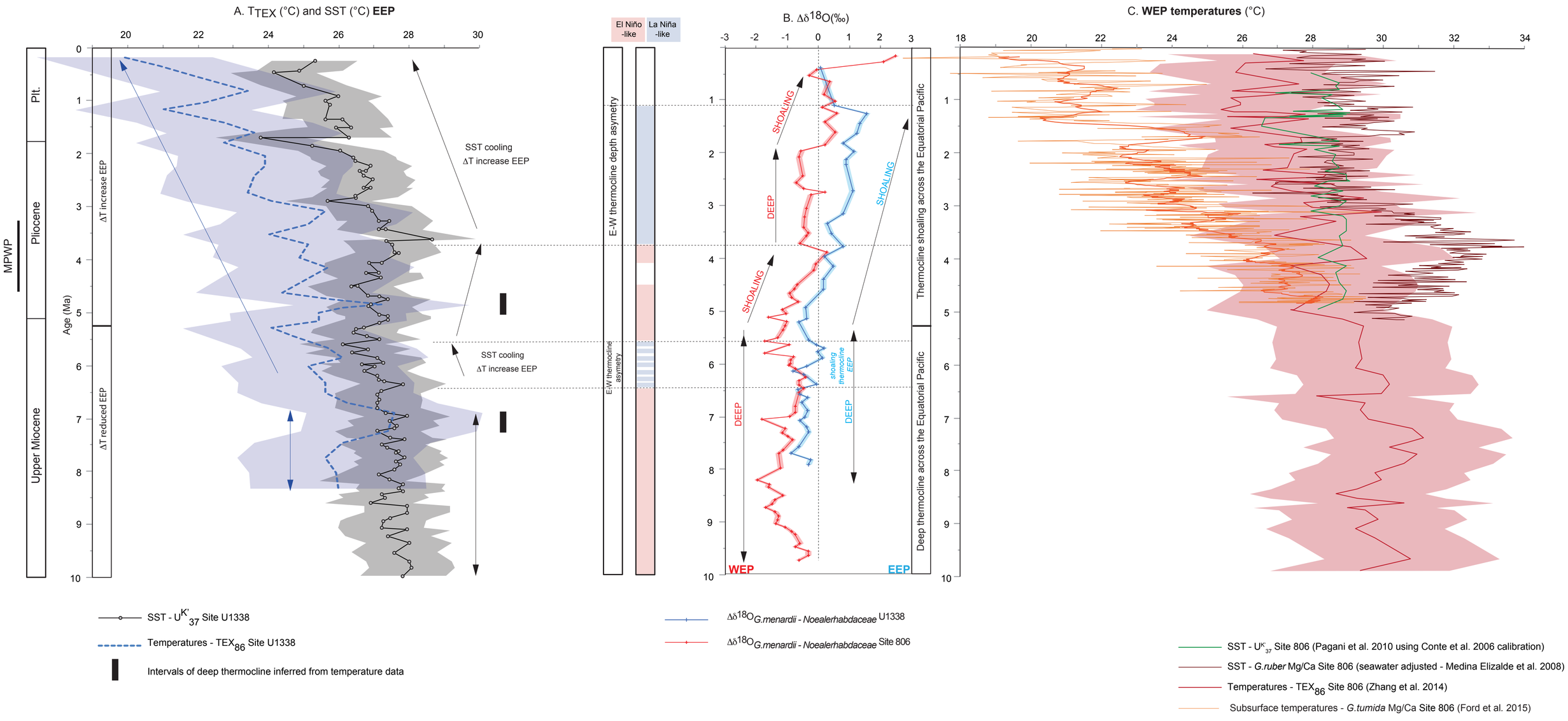
A. T_{TEX} (°C) and SST (°C) EEP
B. $\Delta\delta^{18}O$(‰)
C. WEP temperatures (°C)
MPWP
Plt.
Pliocene
Upper Miocene
Age (Ma)
ΔT increase EEP
ΔT reduced EEP
SST cooling
ΔT increase EEP
SST cooling
ΔT increase EEP
El Niño -like
La Niña -like
E-W thermocline depth asymetry
E-W thermocline asymetry
SHOALING
DEEP
SHOALING
SHOALING
shoaling thermocline EEP
DEEP
DEEP
WEP
EEP
Thermocline shoaling across the Equatorial Pacific
Deep thermocline across the Equatorial Pacific
SST - $U^{K'}_{37}$ Site U1338
Temperatures - TEX_{86} Site U1338
Intervals of deep thermocline inferred from temperature data
$\Delta\delta^{18}O_{G.menardii - Noealerhabdaceae}$ U1338
$\Delta\delta^{18}O_{G.menardii - Noealerhabdaceae}$ Site 806
SST - $U^{K'}_{37}$ Site 806 (Pagani et al. 2010 using Conte et al. 2006 calibration)
SST - *G.ruber* Mg/Ca Site 806 (seawater adjusted - Medina Elizalde et al. 2008)
Temperatures - TEX_{86} Site 806 (Zhang et al. 2014)
Subsurface temperatures - *G.tumida* Mg/Ca Site 806 (Ford et al. 2015)

Figure 4