Supplementary Figure 1



Supplementary Figure 1. a) Shell weights of *G. trilobus* and *G. ruber* from core GIK16160-3; b) Shell weights of *G.trilobus* plotted with Mg/Ca of G. ruber; there was no correlations between the changes in weight and the Mg/Ca ratio; c) Variations of shell weights of G. trilobus throughout the core. Shells were handpicked from the 250-315 μ m size fraction for 60 samples of *G. trilobus* and 5 samples for *G. ruber*, each sample containing ~20 tests. Shells were weighed on a micro-balance (Satorius ME 5-OCE, ±1 µg error) and then the individual foraminifera specimen weight was calculated. Before weighing, foraminifera were gently cleaned by ultra-sonication in demineralized water (three times) and ethanol (two times).