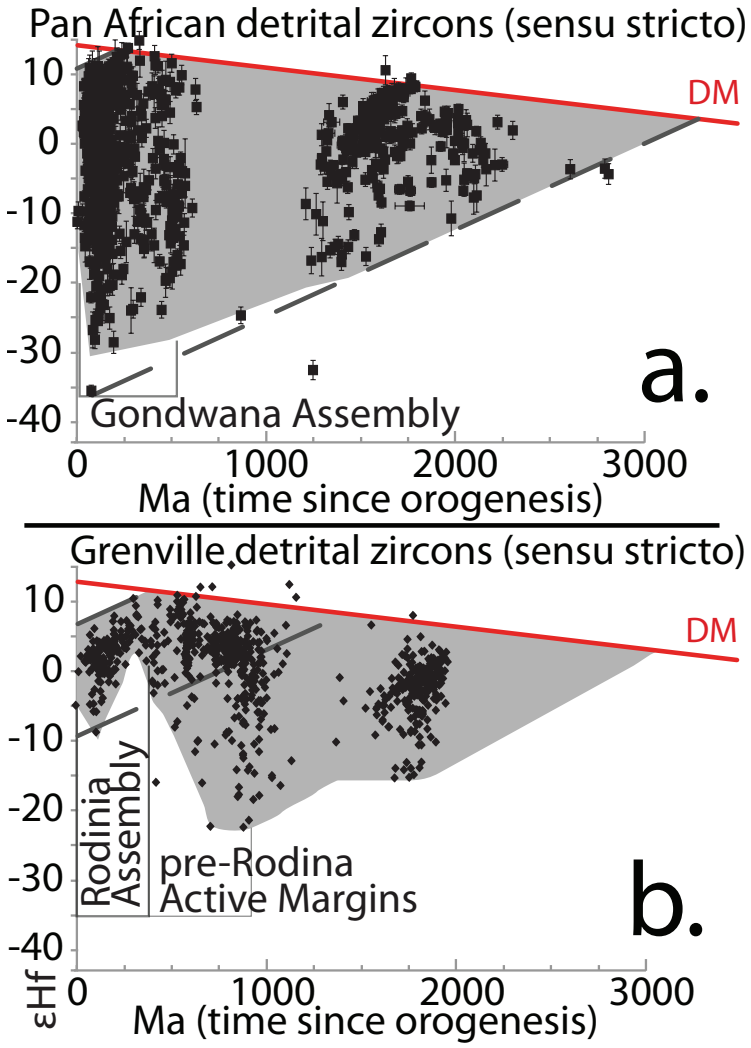
Figure DR1: Compiled zircon Hf/U-Pb data from detrital zircons derived from the Pan African (a) and Grenville (b) orogenies (*sensu stricto*). Zircon ages are subtracted from the time since orogenesis occurred (i.e. 900 and 480 Ma were subtracted from zircons derived from the Grenville and Pan African orogenies respectively).



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Recalculation method of epsilon Hf and depleted mantle model ages:

Hf depleted mantle model ages values were recalculated assuming lamda(^{176}Lu) = 1.867 × 10−11 yr−1 (Söderlund et al., 2004), CHUR parameters of Bouvier et al. (2008), and a Lu/Hf ratio of 0.15 (Rudnick and Gao, 2003). Hf isotopes are evaluated using epsilon units normalized to CHUR (i.e. [^{176}Hf/^{177}Hf)$_t$sample/(^{176}Hf/^{177}Hf)$_t$CHUR]-1]*10,000).