

Supplementary materials

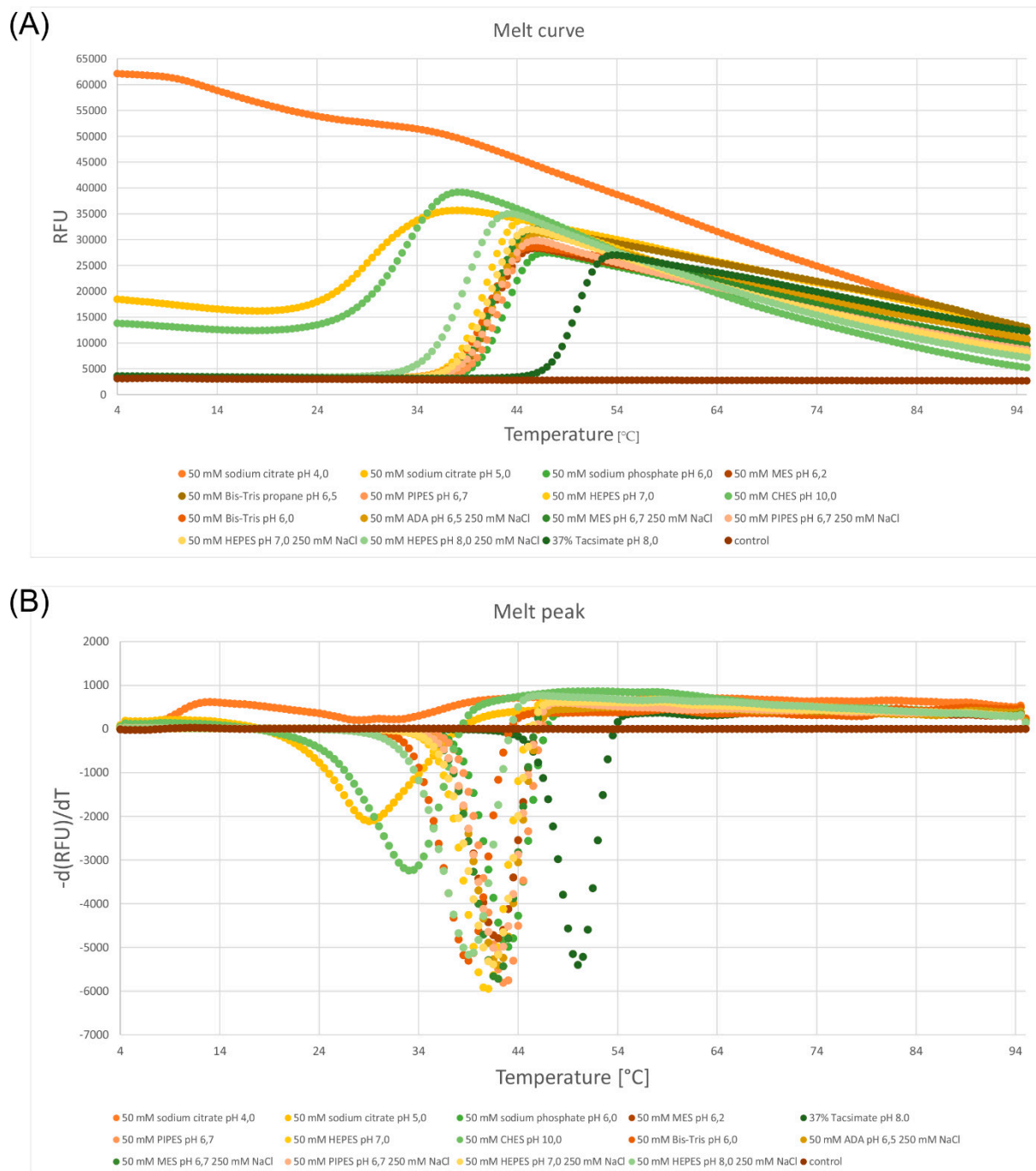


Figure S1. Selected TSA data and analysis for ArthβDG_D207A mutant. (A) Thermo-fluor-base protein-unfolding curves of ArthβDG_D207A. (B) The melting peak T_m identified by plotting the first derivative of the fluorescence emission as a function of temperature ($-d(\text{RFU})/dT$).

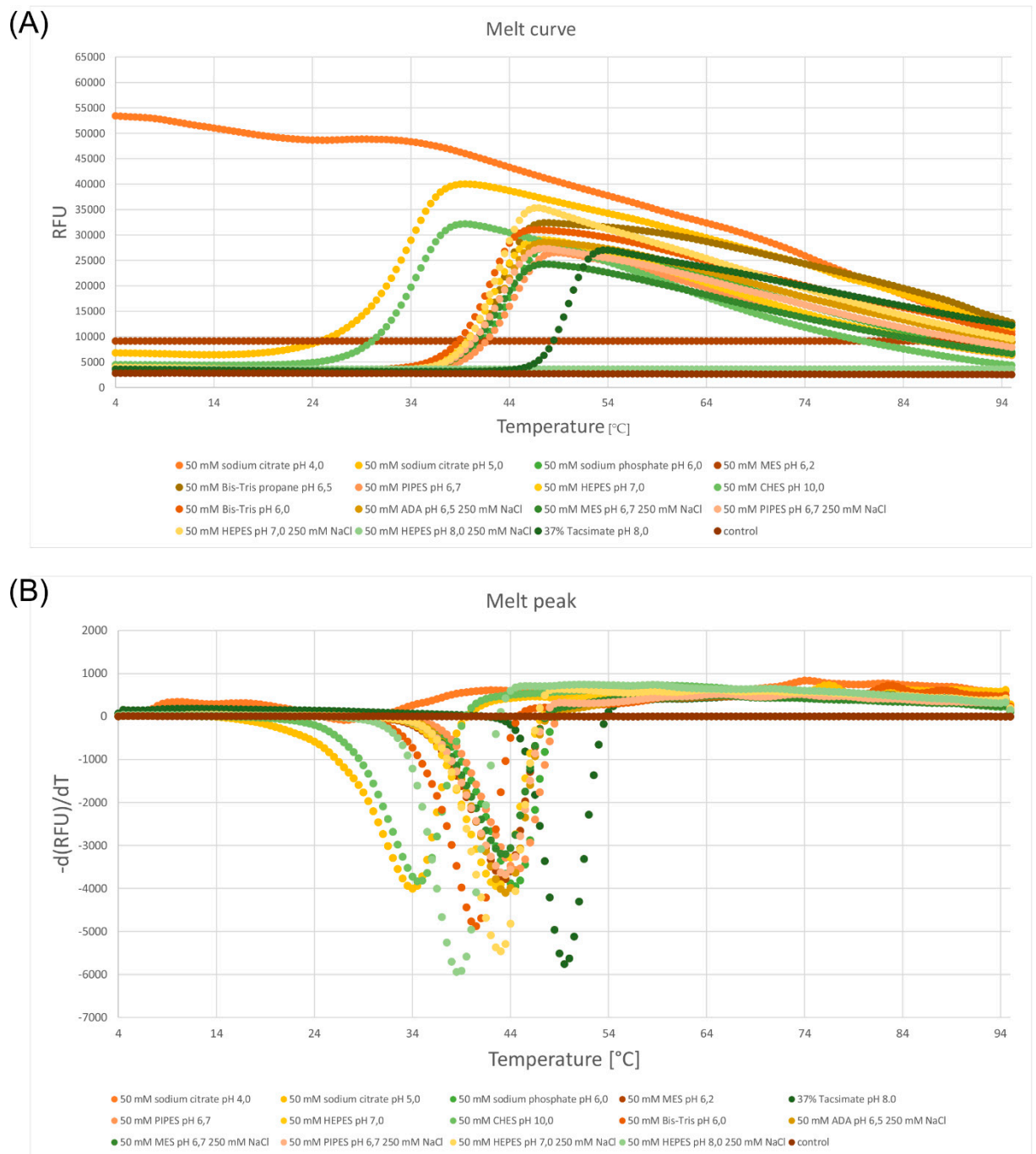


Figure S2. Selected TSA data and analysis for Arth β DG_E517Q mutant. (A) ThermoFluor-based protein-unfolding curves of Arth β DG_E517Q. (B) The melting peak T_m identified by plotting the first derivative of the fluorescence emission as a function of temperature ($-d(\text{RFU})/dT$).