

Supplemental Figures

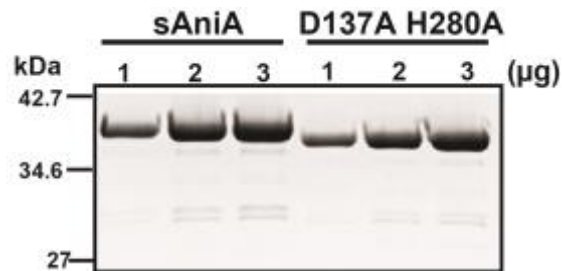


Fig. S1. The gene encoding AniA (NGO1276) lacking the N-terminal palmitoylation signal was amplified, cloned and purified using Ni-NTA chromatography, sAniA. A site directed mutagenesis approach was utilized to alter the catalytic residues to alanine. The resulting mutated version of AniA, D137A H280A, containing a C-terminal 6xHis tag was purified using Ni-NTA chromatography. Different amounts of purified proteins, as indicated, were separated by SDS-PAGE and stained with Colloidal Coomassie Blue G-250.

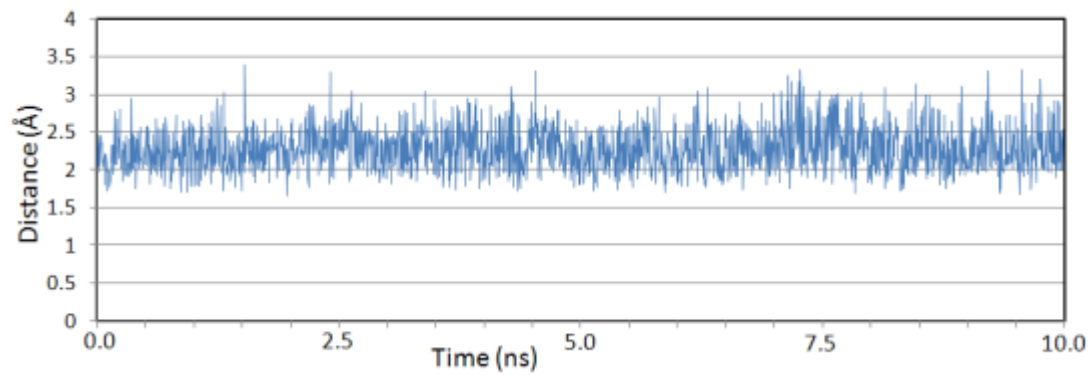


Fig. S3. Hydrogen bond (distance) between the hydroxyl group of 12-5 peptide Tyrosine side chain and the carboxylate group of Asp137 residue of AniA homotrimer.