

Table S1 Thermodynamic parameters for wild type TAG toward 3-MeA interactions at pH7.8 and pH5.8 obtained by isothermal titration calorimetry

	pH7.8	pH5.8
N (stoichiometry)	Fixed to 1	Fixed to 1
K (M^{-1})	4550	2120
K_d (μM)	220	471
ΔH (cal/mol)	-12300	-6700
ΔS (cal/mol)	-25.9	-7.9
