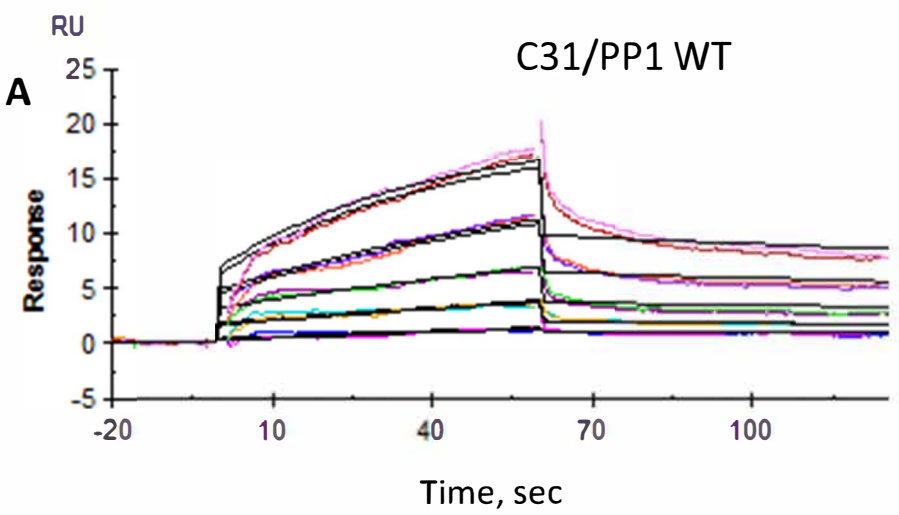
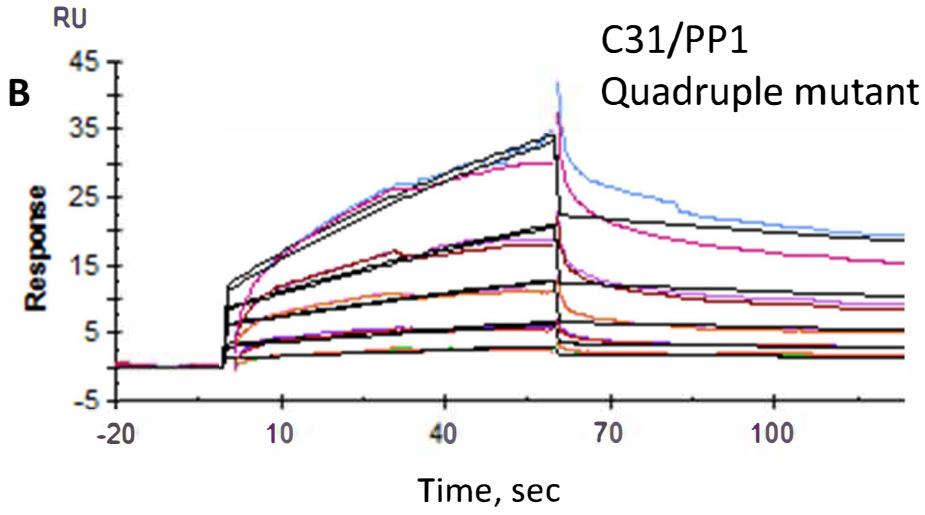
Supplemental Figure 6





k_a(1/Ms)	k_d(1/s)	K_D(M)	R_{max}(RU)	$Chi^2(RU^2)$	U value
1125	0.002120	1.884E-6	13.96	0.254	5

k_a(1/Ms)	k_d(1/s)	K_D(M)	R_{max}(RU)	$Chi^2(RU^2)$	U value
379.1	0.003037	8.012E-6	66.30	1.50	20

PP1 binding of C31 to WT and C-groove mutated PP1. Binding of C31 to recombinant PP1 was measured by surface plasmon resonance. **(A)** Raw data showing binding of C31 to WT PP1 and **(B)** shows binding of C31 to Y70W, L73Y, G274E, A299E (quadruple mutant of C-groove region) PP1. X axis represents time in seconds and Y axis represents changes in total mass on microchip surface, which was expressed as resonance units. A positive deflection indicated binding of C31 to PP1 immobilized on a NTA microchip surface. Each line represents a different concentration of C31(0-40 μM). Each concentration was run two times. The equilibrium dissociation constants (K_D) were calculated based on a 1:1 binding model.