

DRAWINGS

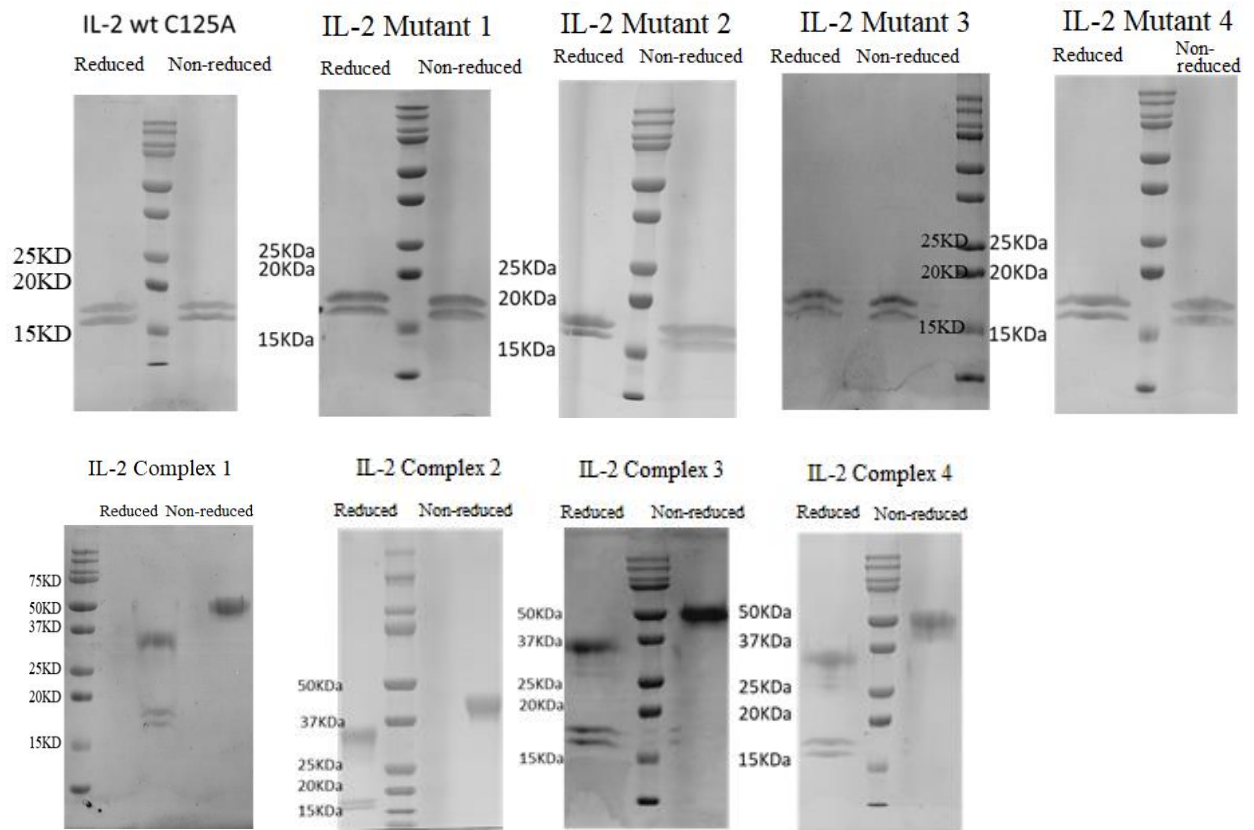


Fig. 1

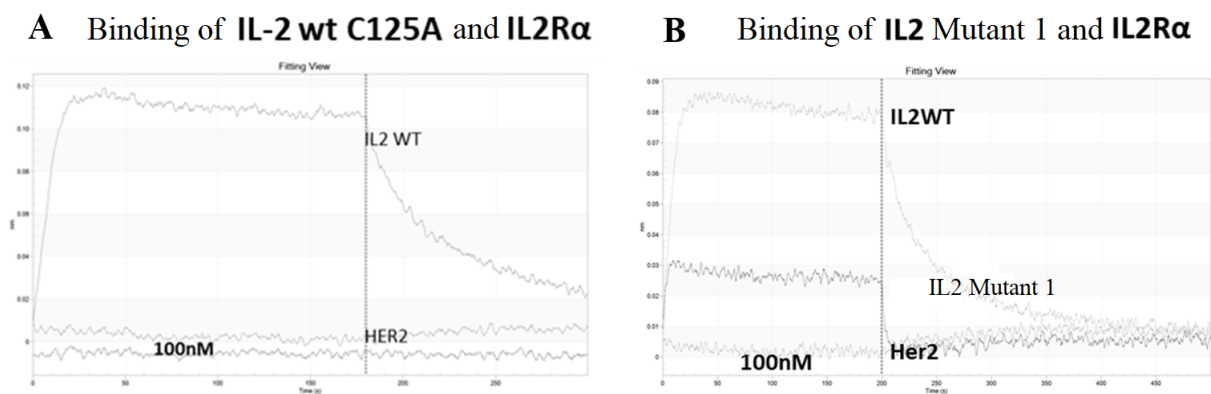


Fig. 2

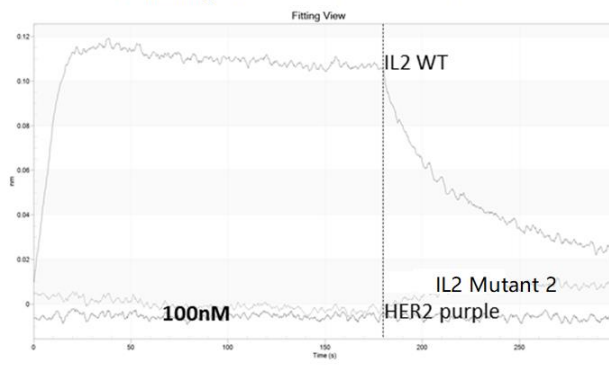
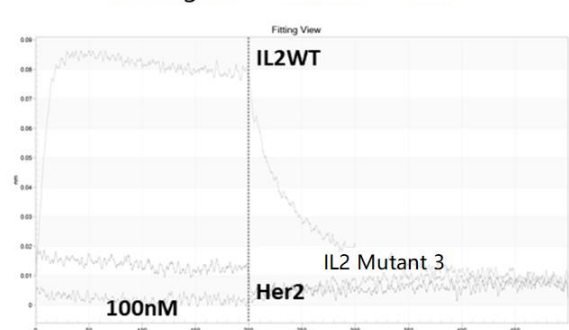
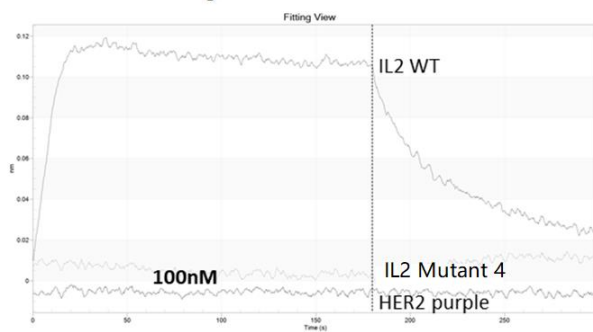
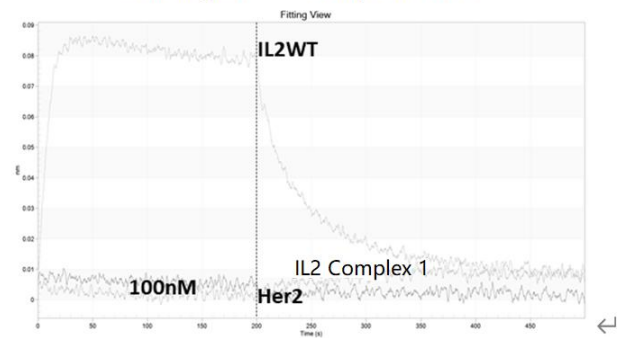
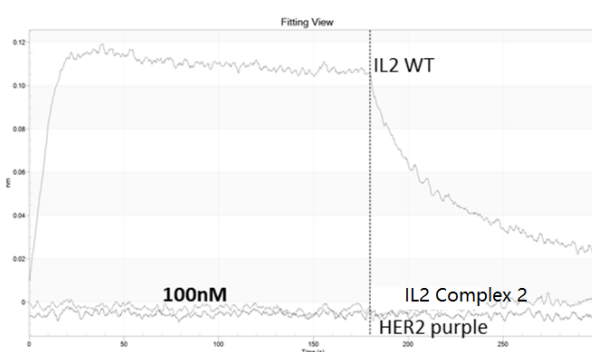
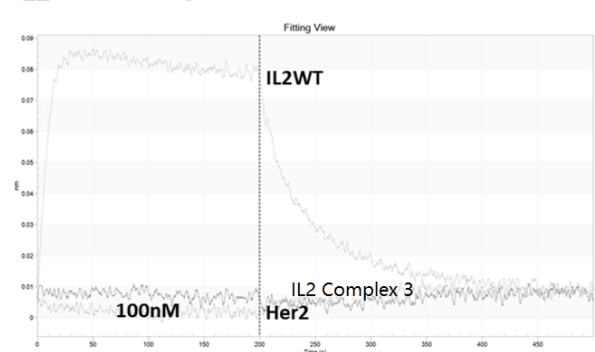
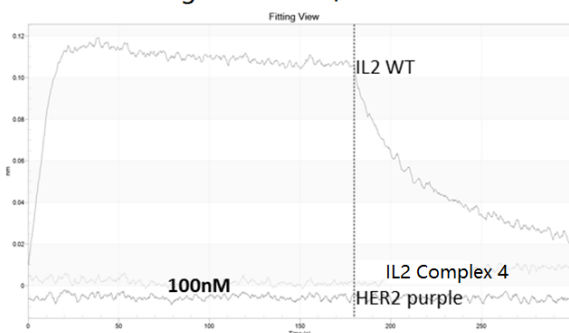
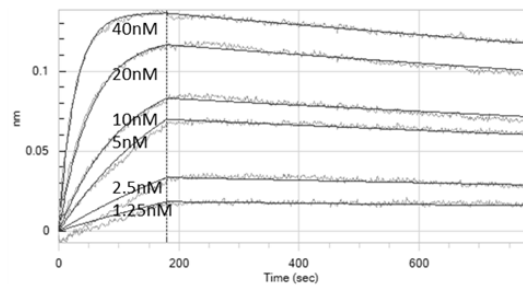
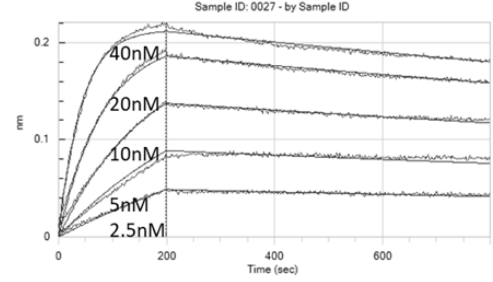
C Binding of **IL2 Mutant 2** and **IL2R α** **D** Binding of **IL2 Mutant 3** and **IL2R α** **E** Binding of **IL2 Mutant 4** and **IL2R α** **F** Binding of **IL2 Complex 1** and **IL2R α** **G** Binding of **IL2 Complex 2** and **IL2R α** **H** Binding of **IL2 Complex 3** and **IL2R α** **I** Binding of **IL2 Complex 4** and **IL2R α** 

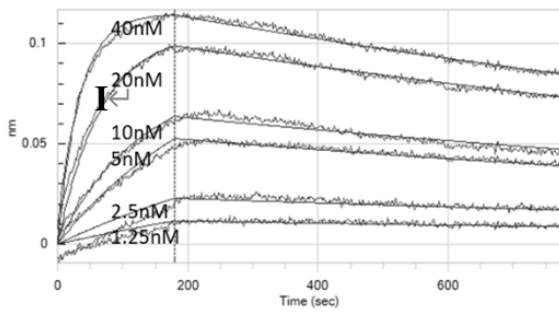
Fig. 2 (Continued)

A Binding of IL-2 wt C125A and IL2R β -Fc

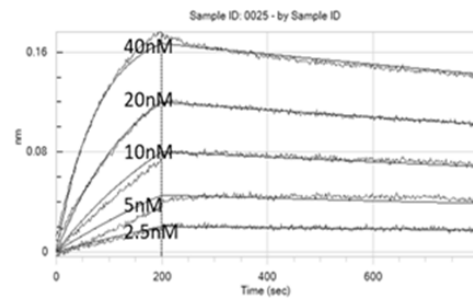
Protein	Ka	Kd	KD	R2
329	9.25E+05	2.48E-04	2.68E-10	0.9972

B Binding of Mutant 1 and IL2R β -Fc

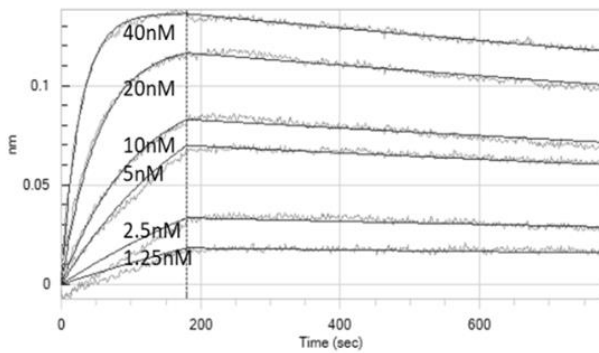
Ka	Kd	KD	R2
4.77E+05	2.67E-04	5.6E-10	0.998

C Binding of Mutant 2 and IL2R β -Fc

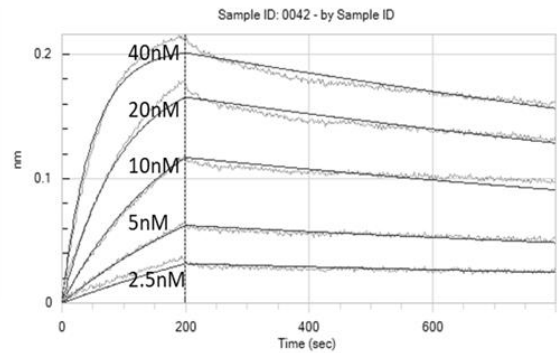
Ka	Kd	KD	R2
7.41E+05	5.003E-04	6.75E-10	0.9953

D Binding of Mutant 3 and IL2R β -Fc

Ka	Kd	KD	R2
3.98E+05	2.64E-04	6.6E-10	0.9984

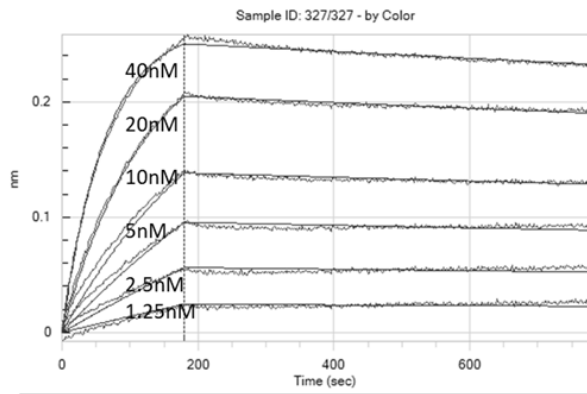
E Binding of Mutant 4 and IL2R β -Fc

Ka	Kd	KD	R2
9.25E+05	2.48E-04	2.68E-10	0.9972

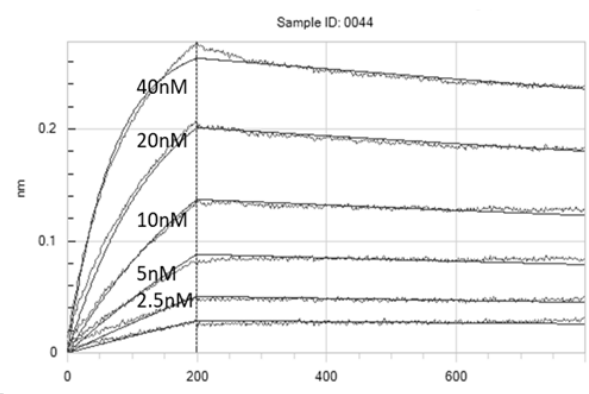
F Binding of Complex 1 and IL2R β -Fc

Ka	Kd	KD	R2
8.1E+05	4.19E-04	5.17E-10	0.9926

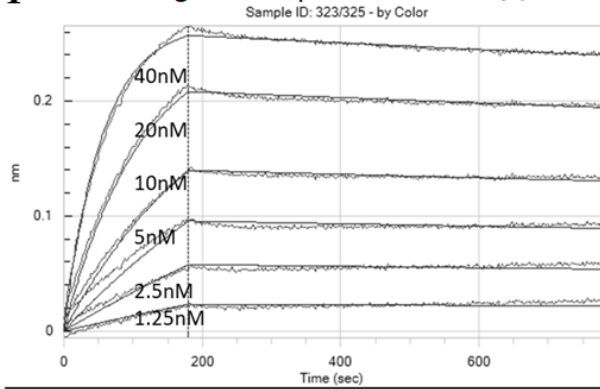
Fig. 3

G Binding of Complex 2 and IL2R β -Fc

Ka	Kd	KD	R2
3.97E+05	1.22E-04	3.08E-10	0.9985

H Binding of Complex 3 and IL2R β -Fc

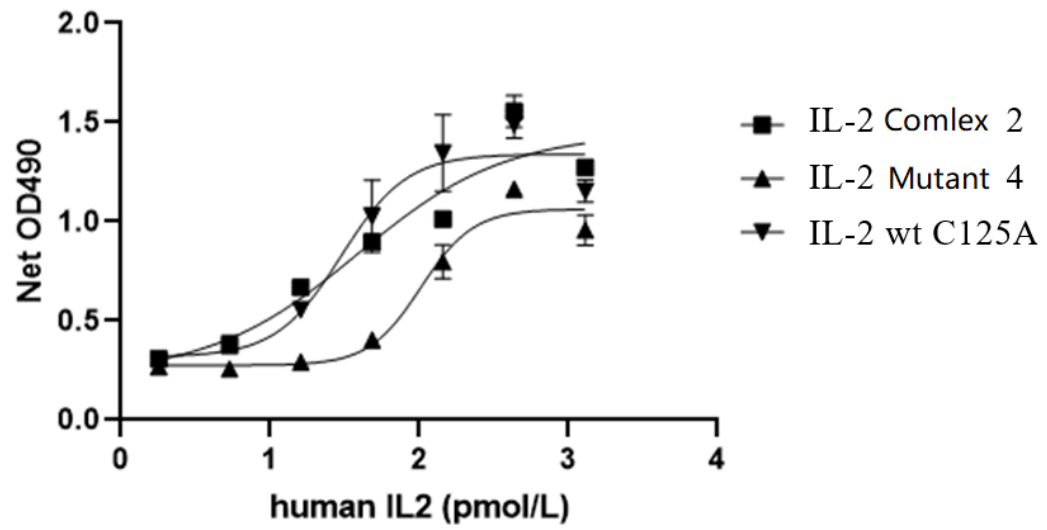
Ka	Kd	KD	R2
2.89E+05	1.84E-04	6.4E-10	0.9982

I Binding of Complex 4 and IL2R β -Fc

Ka	Kd	KD	R2
4.53E+05	1.15E-04	2.53E-10	0.9982

Fig. 3 (Continued)

	IL2 Comlex 2	Mutant 4	Wild type
EC50	38.65	102.7	30.09



Log(Agonist) vs.Response - Variable slope(four parameters)

Fig. 4