

Figure 1

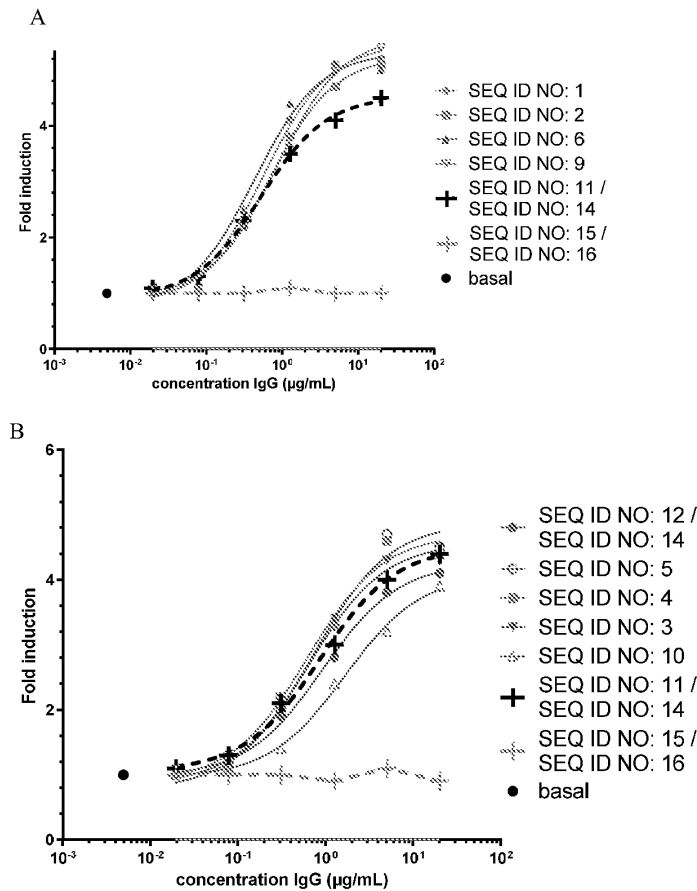


Figure 2

IgG comprising PD-1 binding domain with SEQ ID NO:	K_{on}	K_{off}	K_D
SEQ ID NO: 1	6.67E+05	2.55E-04	3.82E-10
SEQ ID NO: 6	2.48E+05	1.93E-04	7.81E-10
SEQ ID NO: 5	3.95E+05	2.18E-04	5.51E-10
SEQ ID NO: 11 / SEQ ID NO: 14 x SEQ ID NO: 15 / SEQ ID NO: 16	2.13E+05	1.59E-03	7.49E-09
SEQ ID NO: 11 / SEQ ID NO: 14	2.16E+05	1.68E-03	7.77E-09
SEQ ID NO: 11 / SEQ ID NO: 14	2.08E+05	1.62E-03	7.78E-09
SEQ ID NO: 11 / SEQ ID NO: 14	2.07E+05	1.64E-03	7.92E-09
SEQ ID NO: 11 / SEQ ID NO: 14	1.71E+05	1.63E-03	9.54E-09

Figure 3

Antigen	huPD-1			cyPD-1			Simultaneous binding
Antibody	K_{on} (1/Ms)	K_{off} (1/s)	K_D (nM)	K_{on} (1/Ms)	K_{off} (1/s)	K_D (nM)	
SEQ ID NO: 7 x Antigen A	3.08E+05	1.20E-04	0.39	2.94E+05	1.29E-04	0.44	Yes
SEQ ID NO: 8 x Antigen A	3.23E+05	1.05E-04	0.32	3.35E+05	9.76E-04	2.91	Yes
Reference antibody Antigen A	-	-	-	-	-	-	-
SEQ ID NO: 13 / SEQ ID NO: 14	2.18E+05	1.44E-03	6.66	2.20E+05	8.50E-04	3.89	-