Figures

Fig. 1a

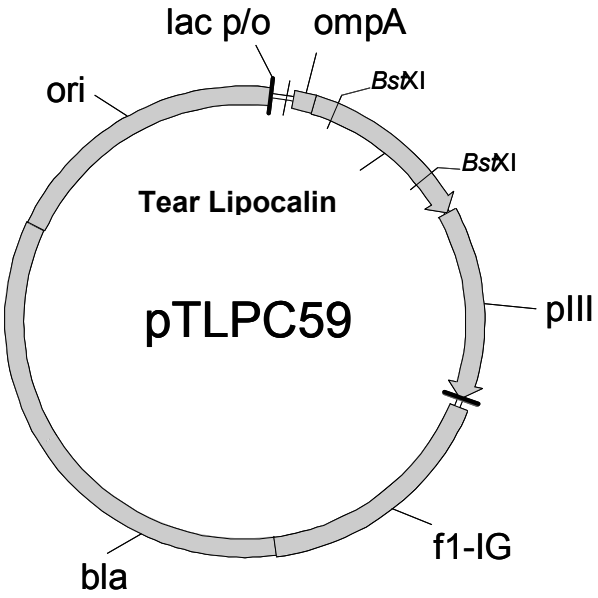


Fig. 1b

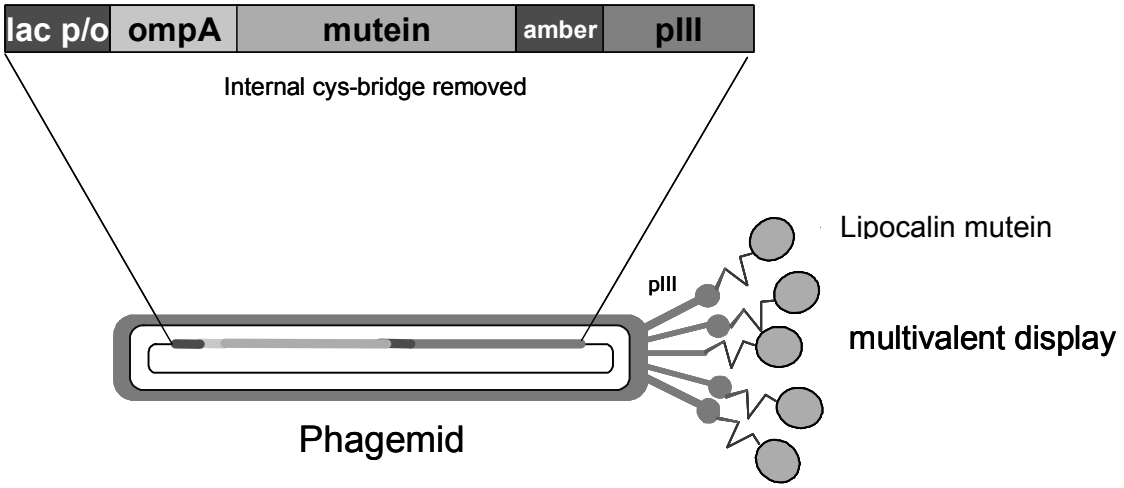


Fig. 2

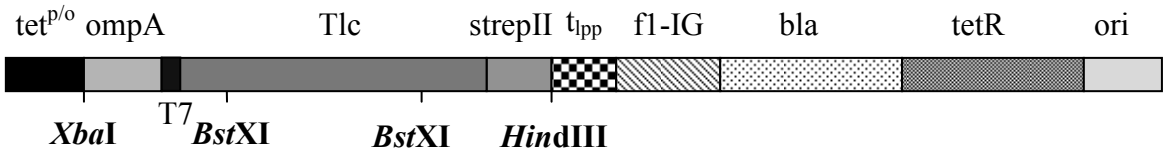


Fig. 3

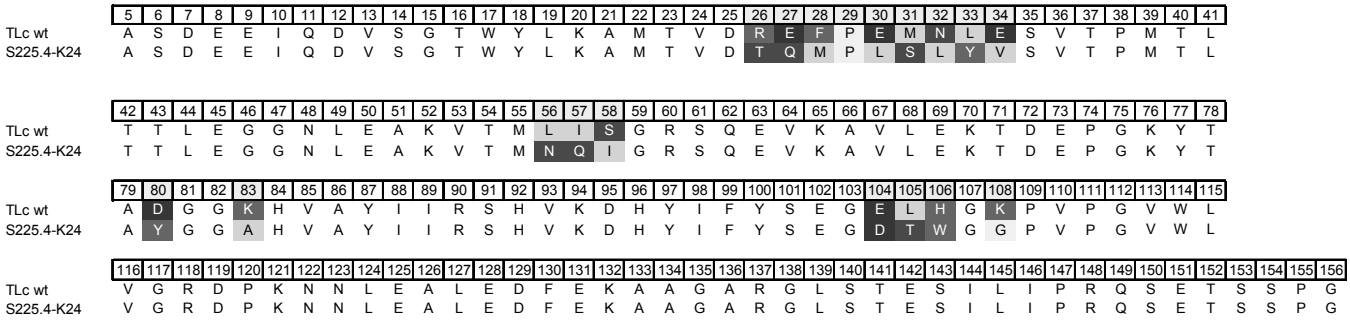


Fig. 4

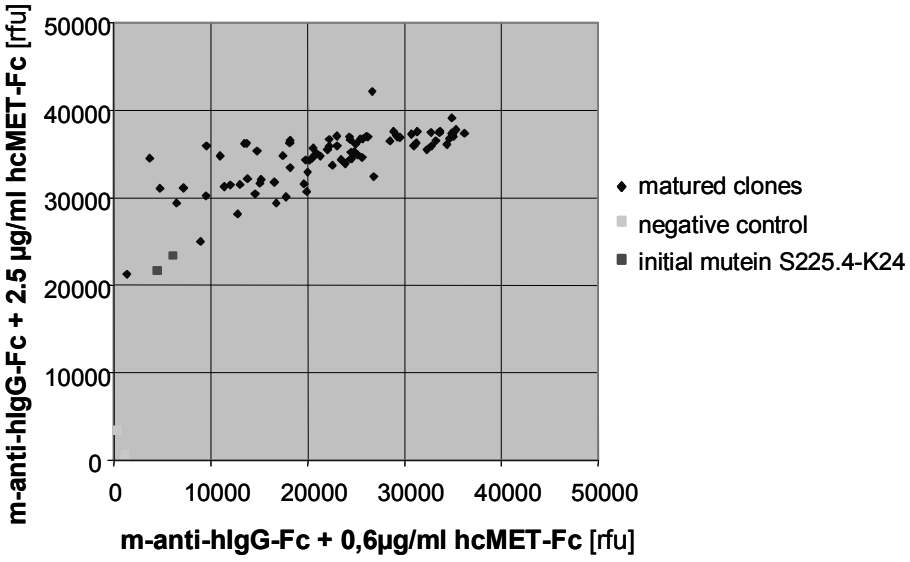


Fig. 5

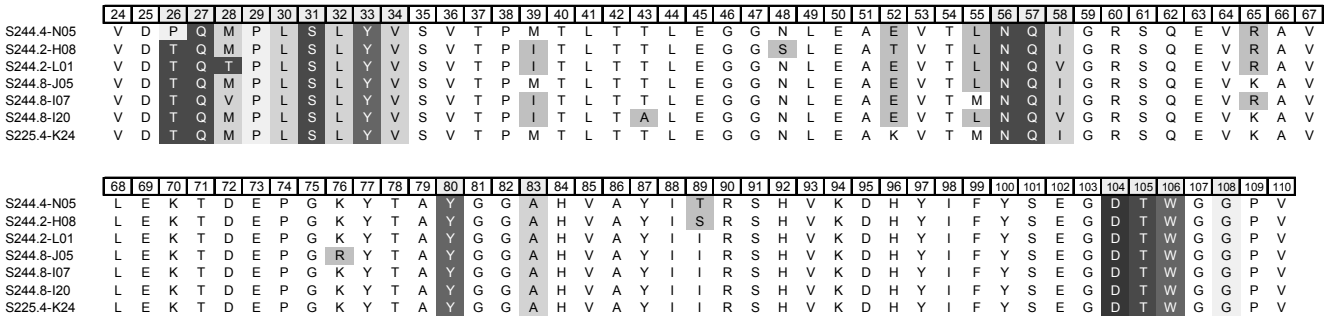


Fig. 6

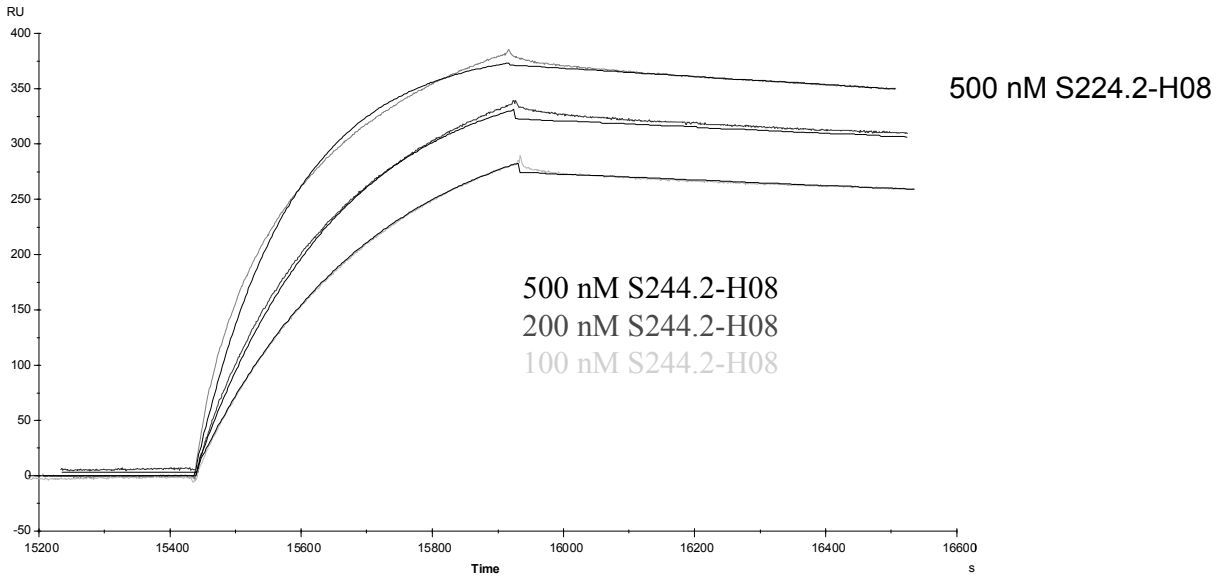


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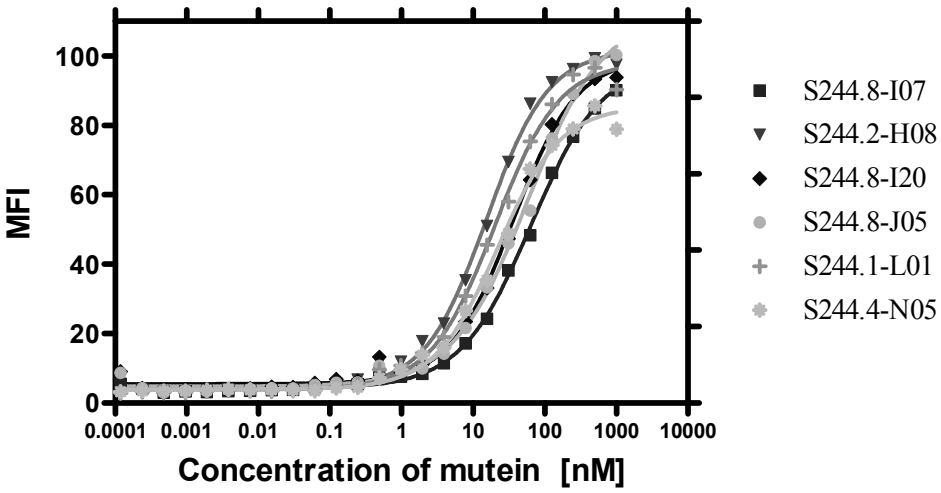


Fig. 8

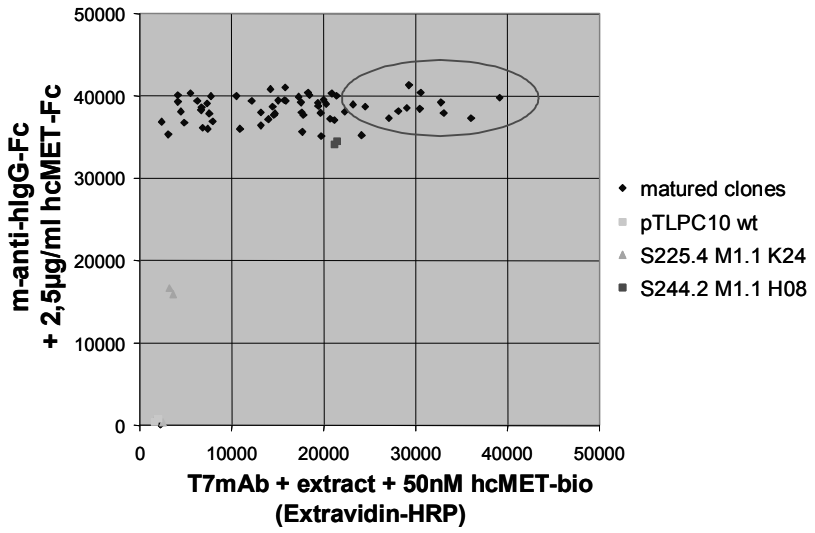


Fig. 9

	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
TLc wt	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	R	E	F	P	E	M	N	L	E	S	V	T	P	M	T	L
S225.4-K24	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	T	Q	M	P	L	S	L	Y	V	S	V	T	P	M	T	L
S244.2-H08	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	T	Q	M	P	L	S	L	Y	V	S	V	T	P	I	T	L
S261.1-L12	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	T	Q	D	P	L	S	L	Y	V	S	V	T	P	I	T	L
S261.1-J01	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	T	Q	D	P	L	S	L	Y	V	S	V	T	P	L	T	L
S261.1-L17	A	S	D	E	E	I	Q	D	V	S	G	T	W	Y	L	K	A	M	T	V	D	T	Q	D	P	L	S	L	Y	V	S	V	S	P	I	T	L

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TLc wt	T	T	L	E	G	G	N	L	E	A	K	V	T	M	L	I	S	G	R	S	Q	E	V	K	A	V	L	E	K	T	D	E	P	G	K	Y	T
S225.4-K24	T	T	L	E	G	G	N	L	E	A	K	V	T	M	N	Q	I	G	R	S	Q	E	V	K	A	V	L	E	K	T	D	E	P	G	K	Y	T
S244.2-H08	T	T	L	E	G	G	S	L	E	A	T	V	T	L	N	Q	I	G	R	S	Q	E	V	R	A	V	L	E	K	T	D	E	P	G	K	Y	T
S261.1-L12	T	T	L	E	G	G	N	L	E	A	M	V	T	L	N	Q	V	G	R	S	Q	E	V	L	A	V	L	E	K	T	D	E	P	G	K	Y	T
S261.1-J01	T	T	L	E	G	G	N	L	E	A	M	V	T	L	N	Q	V	G	R	S	Q	E	V	L	A	V	L	E	K	T	D	E	P	G	K	Y	T
S261.1-L17	T	T	L	E	G	G	N	L	E	A	T	V	T	L	N	Q	I	G	R	S	Q	E	V	L	A	V	L	E	K	T	D	E	P	G	K	Y	T

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
TLc wt	A	D	G	G	K	H	V	A	Y	I	I	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	E	L	H	G	K	P	V	P	G	V	W	L
S225.4-K24	A	Y	G	G	A	H	V	A	Y	I	I	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	D	T	W	G	G	P	V	P	G	V	W	L
S244.2-H08	A	Y	G	G	A	H	V	A	Y	I	S	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	D	T	W	G	G	P	V	P	G	V	W	L
S261.1-L12	A	Y	G	G	A	H	V	A	Y	I	Q	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	D	T	W	G	G	P	V	P	G	V	W	L
S261.1-J01	A	Y	G	G	A	H	V	A	Y	I	T	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	D	T	W	G	G	P	V	P	G	V	W	L
S261.1-L17	A	Y	G	G	A	H	V	A	Y	I	H	R	S	H	V	K	D	H	Y	I	F	Y	S	E	G	D	T	W	G	G	P	V	P	G	V	W	L

Fig. 10

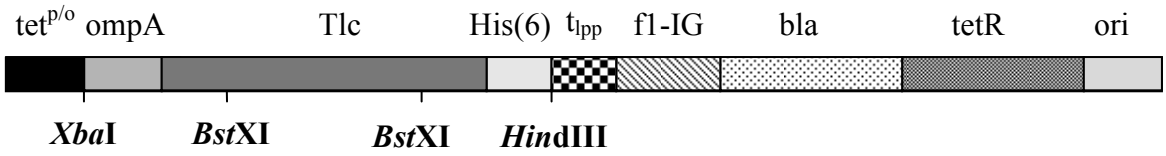


Fig. 11

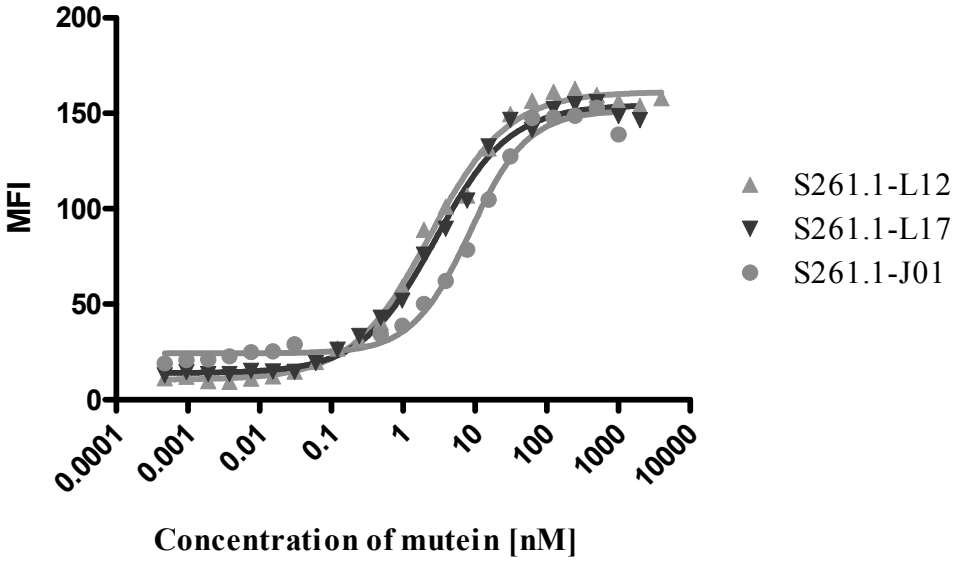


Fig. 12

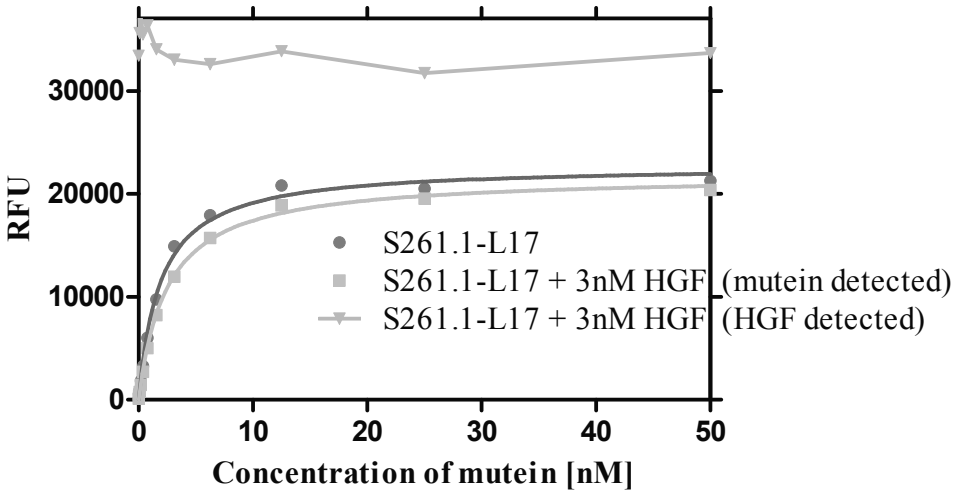


Fig. 13

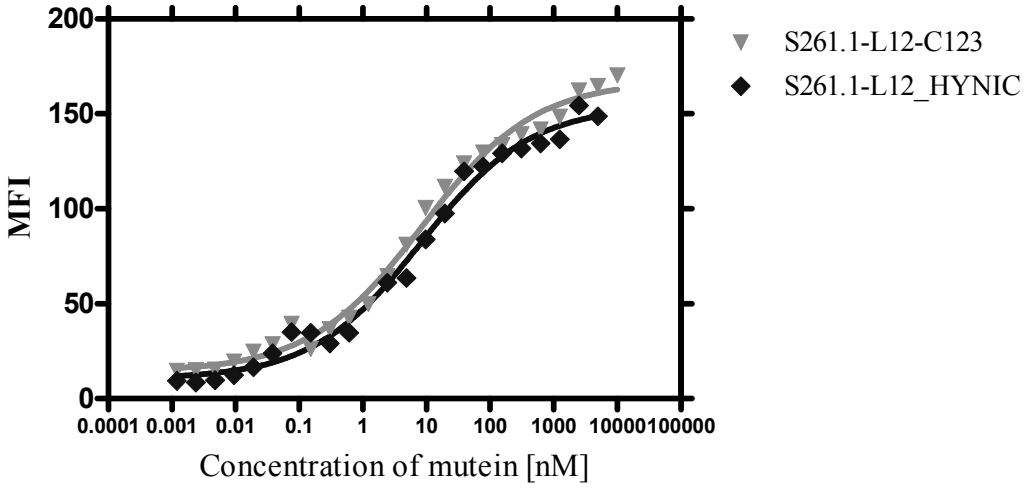


Fig. 14

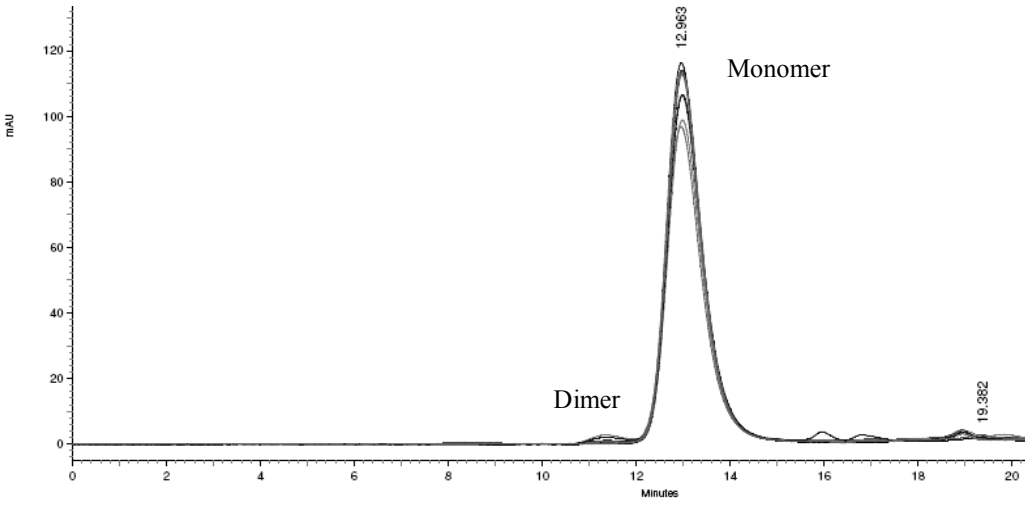


Fig. 15

Clone	mutated position	Kon [10^4 M-1 s-1]	Koff [10^{-4} s-1]	KD [nM]
S261.1-L17		2,01	1,17	5,8
S275.1-O24	**T26E**	**1,97**	**0,521**	**2,7**
S275.1-M02	T26A	1,94	0,57	3
S275.1-K22	T26L	1,78	0,699	3,9
S275.2-A20	Q27S	1,6	0,744	4,7
S275.2-K15	**Q27D**	**1,76**	**0,41**	**2,4**
S275.3-L03 (Dimer)	P29C	1,71	0,166	0,97
S275.3-L03 (Monomer)	P29C	1,65	0,302	1,8
S275.3-O07	P29L	1,45	0,91	6,3
S275.3-K06	P29A	1,47	0,878	6

Fig. 16

