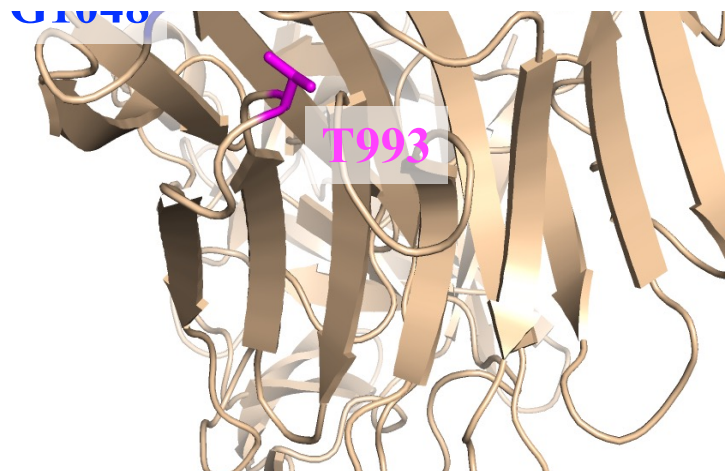
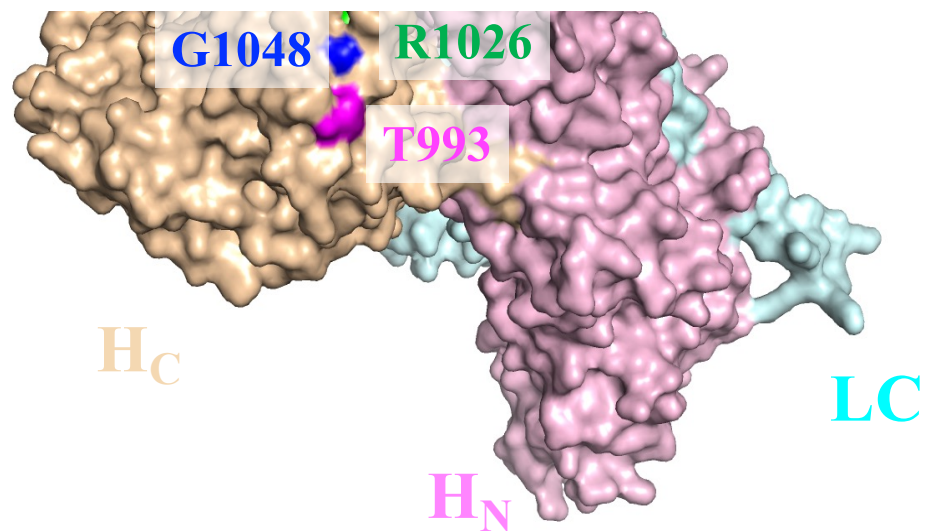


BoNT/F1H _C				BoNT/F7H _C			BoNT/F2	BoNT/F3	BoNT/F4	BoNT/F5	BoNT/F6	
Amino acids	28H4	hu6F15.4	hu6F15.6	Amino acids	hu6F15.4	hu6F15.6	Amino acids	Amino acids	Amino acids	Amino acids	Amino acids	
	$\Delta\Delta G$	$\Delta\Delta G$	$\Delta\Delta G$		$\Delta\Delta G$	$\Delta\Delta G$						
1026R	>2.13	3.70	3.96	R	>2.0	2.59	R	R	R	R	R	$\Delta\Delta G$ 0.2-0.5
1027L	>2.13	3.79	3.96	L	>2.0	>2.59	L	L	L	L	L	$\Delta\Delta G$ 0.5-1.0
1048G	>2.13	0.50	1.82	G	>2.0	1.60	G	G	G	G	G	
1045S	-0.12	0.24	0.07	L*	0.02	2.26	S	S	S	S	S	
991Q	-0.03	-0.01	-0.04	Q	1.37	0.59	Q	Q	Q	Q	Q	$\Delta\Delta G$ 1.0-2.0
993T	1.82	0.86	1.73	T	1.33	0.89	T	T	T	T	T	
994A	0.73	-0.10	1.2	T*	0.03	0.64	S	S	A	S	S	
996N	0.87	0.01	0.53	N	0.05	-0.11	N	N	N	N	N	$\Delta\Delta G$ >2.0
1025N	0.31	0.12	0.62	N	0.39	0.14	N	N	N	N	N	
995G	-0.21	-0.18	0.06	G	0.21	1.40	G	G	G	G	G	
1044I	-0.22	-0.07	0.29	I	0.56	0.86	I	I	I	I	I	
1047L	0.21	0.03	0.21	L	-0.50	-0.30	L	L	L	L	L	
1046N	0.04	0.03	0.38	N	0.67	0.82	N	N	N	N	N	
1051H	-0.10	-0.02	0.22	H	-0.84	-0.21	H	H	H	H	H	
1029N	0.40	-0.02	0.20	H*	0.17	0.09	N	N	N	N	N	
1043S	0.20	0.04	0.30	S	0.17	0.27	S	S	S	S	S	
1048D	-0.18	0.07	0.10	N*	0.98	-0.12	D	D	D	D	D	
1028G	0.18	0.01	0.07	G	-0.33	-0.02	G	G	G	G	G	
997N	0.06	0.04	0.06	N	0.45	0.27	K	K	N	K	K	



B

28H4

Hu6F15.4

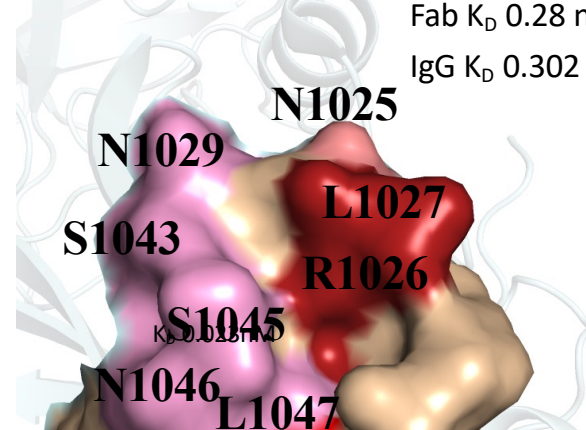
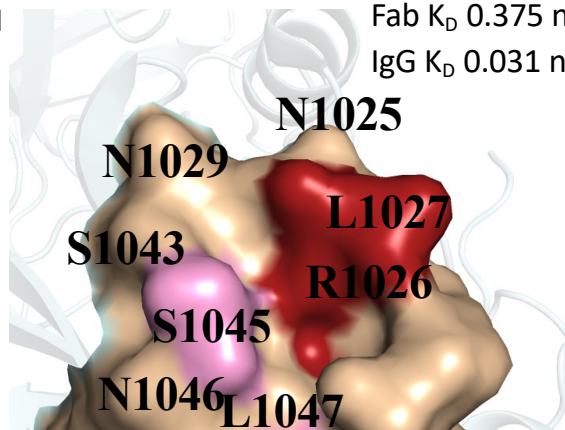
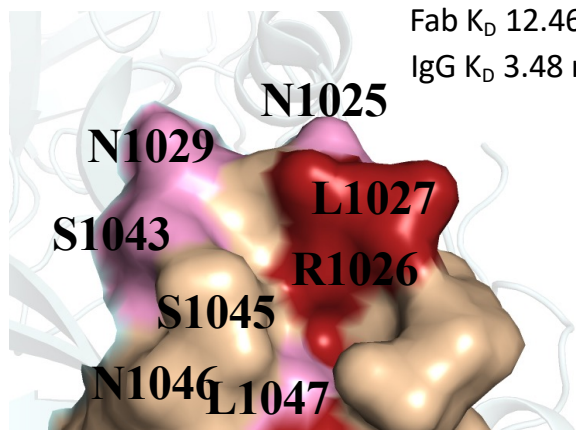
hu6F15.6

Fab K_D 12.46 nM
IgG K_D 3.48 nM

Fab K_D 0.375 nM
IgG K_D 0.031 nM

Fab K_D 0.28 nM
IgG K_D 0.302 nM

F1H_C



A

