

QVQLQESGPSLVKPSQTISLTCTVSGFSLNNNAVGWYRQAPGKVPESLVGCSSDGTCCYNNSALKRDLITRDTSKNQISLSLVTTDDAAVYYCTRGHYSINGVDYLGITIDYWGPGLLTVSS

Kabat numbering and CDRs

																									HCDR1																														HCDR2									
1	2	3	4	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	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
Q	V	Q	L	Q	E	S	G	P	S	L	V	K	P	S	Q	T	L	S	L	T	C	T	V	S	G	F	S	L	N	N	A	V	G	W	V	R	Q	A	P	G	K	V	P	E	S	L	V	G	C	S	S	D	G	T	C	Y	Y	N	S	A	L	K	S	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	100a	100b	100c	100d	100e	100f	100g	100h	101	102	103	104	105	106	107	108	109	110	111	112	113									
R	L	D	I	T	R	D	T	S	K	N	Q	I	S	L	S	S	V	T	D	D	A	A	V	Y	C	T	R	G	H	V	S	I	Y	G	Y	D	Y	L	G	T	I	D	Y	W	G	P	G	L	L	V	T	V	S	S										

Cthothia numbering and CDRs

																									HCDR1																														HCDR2								
1	2	3	4	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	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56								
Q	V	Q	L	Q	E	S	G	P	S	L	V	K	P	S	Q	T	L	S	L	T	C	T	V	S	G	F	S	L	N	N	A	V	G	W	V	R	Q	A	P	G	K	V	P	E	S	L	V	G	C	S	S	D	G	T	C	Y	Y	N	S	A	L	K	S
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	100a	100b	100c	100d	100e	100f	100g	100h	100i	101	102	103	104	105	106	107	108	109	110	111	112	113							
R	L	D	I	T	R	D	T	S	K	N	Q	I	S	L	S	S	V	T	D	D	A	A	V	Y	C	T	R	G	H	V	S	I	Y	G	Y	D	Y	L	G	T	I	D	Y	W	G	P	G	L	L	V	T	V	S	S									

Martin numbering and CDRs

																									HCDR1																														HCDR2									
1	2	3	4	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	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
Q	V	Q	L	Q	E	S	G	P	S	L	V	K	P	S	Q	T	L	S	L	T	C	T	V	S	G	F	S	L	N	N	A	V	G	W	V	R	Q	A	P	G	K	V	P	E	S	L	V	G	C	S	S	D	G	T	C	Y	Y	N	S	A	L	K	S	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	100a	100b	100c	100d	100e	100f	100g	100h	100i	101	102	103	104	105	106	107	108	109	110	111	112	113								
R	L	D	I	T	R	D	T	S	K	N	Q	I	S	L	S	S	V	T	D	D	A	A	V	Y	C	T	R	G	H	V	S	I	Y	G	Y	D	Y	L	G	T	I	D	Y	W	G	P	G	L	L	V	T	V	S	S										

Figure 2

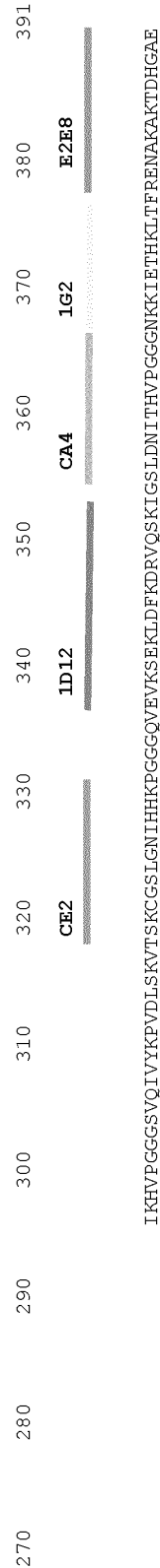


Figure 3

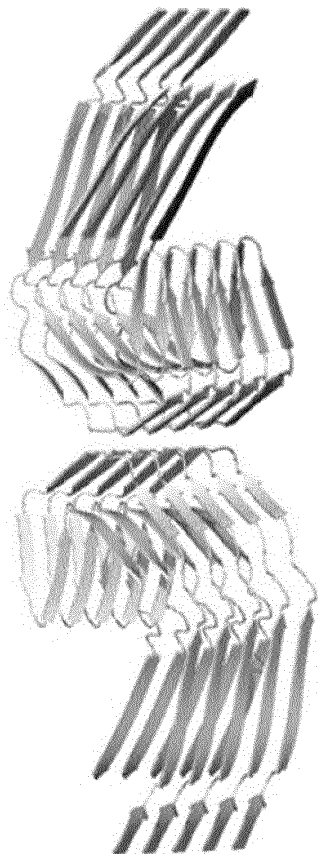


Figure 4

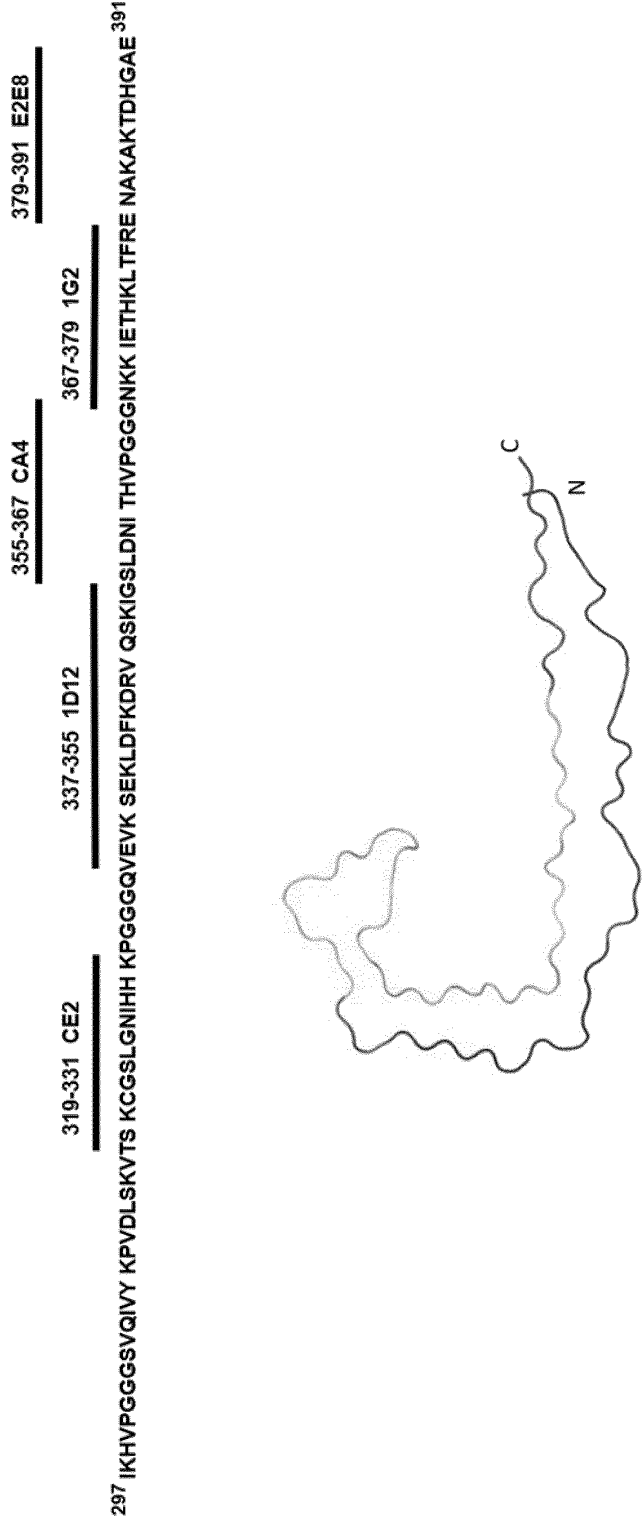


Figure 5

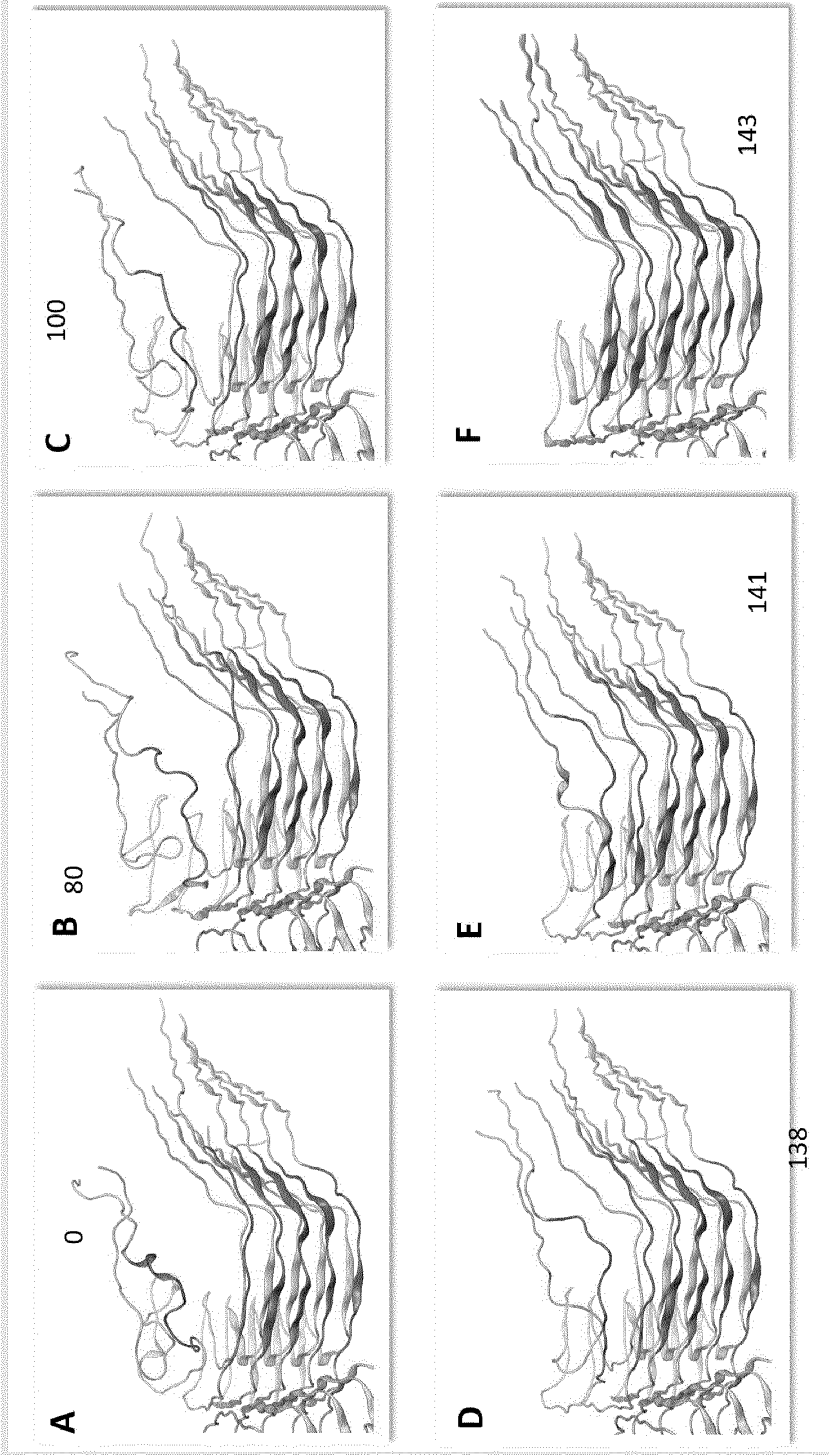


Figure 6

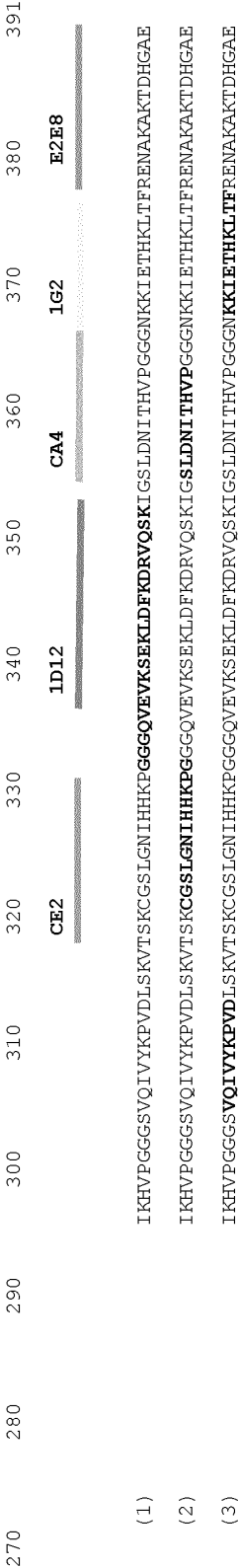
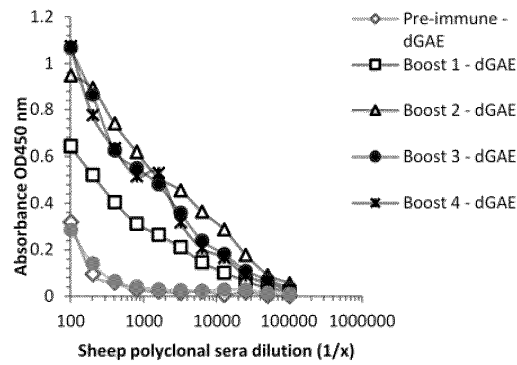


Figure 7

A



B

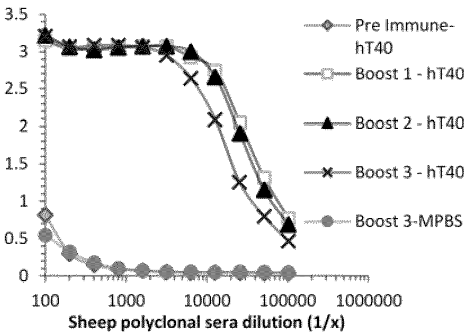


Figure 8

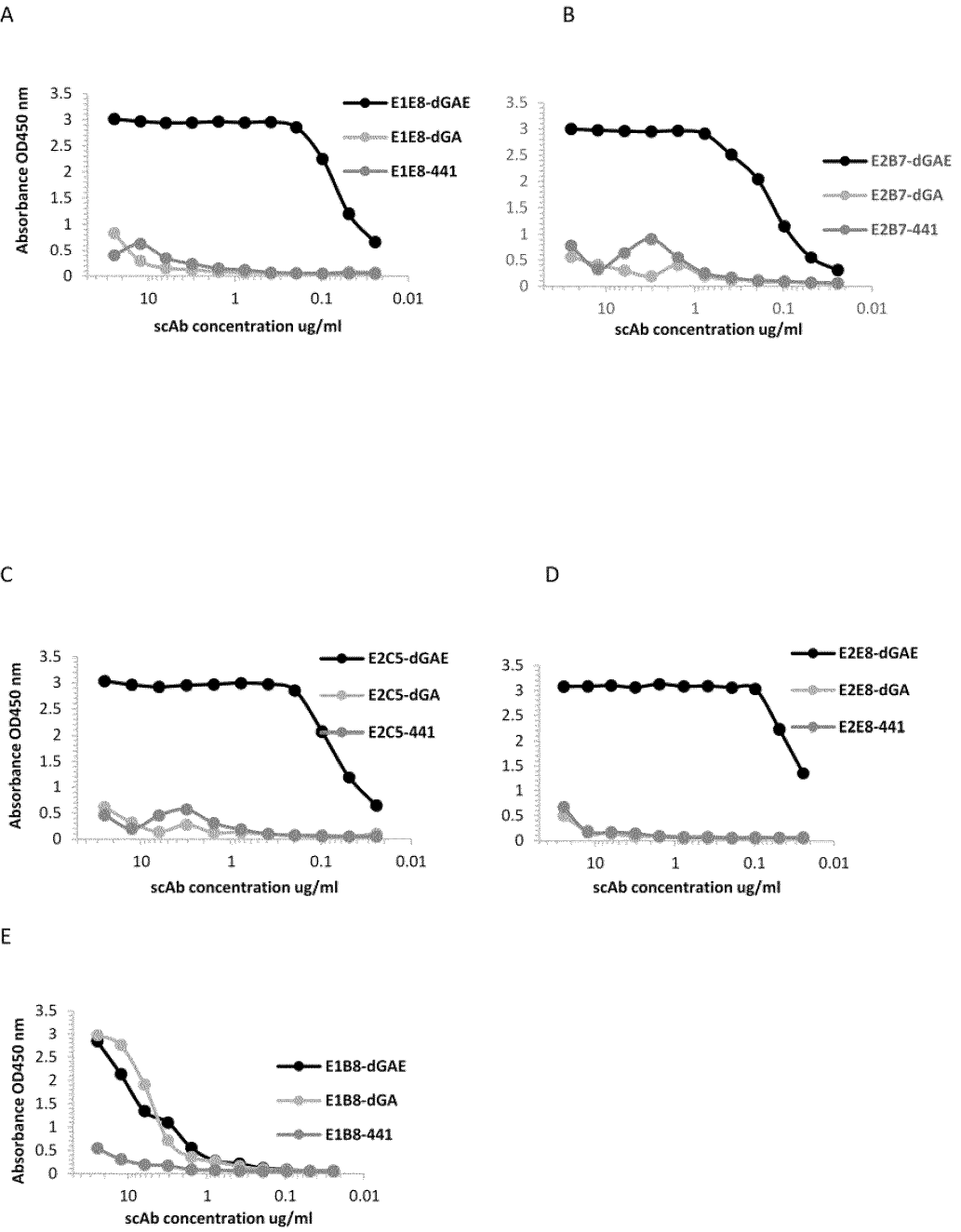


Figure 9

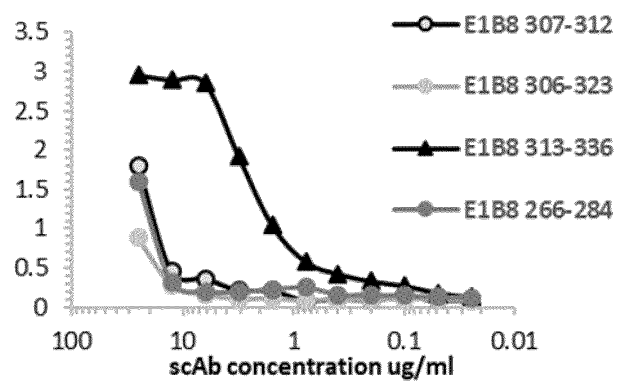


Figure 10

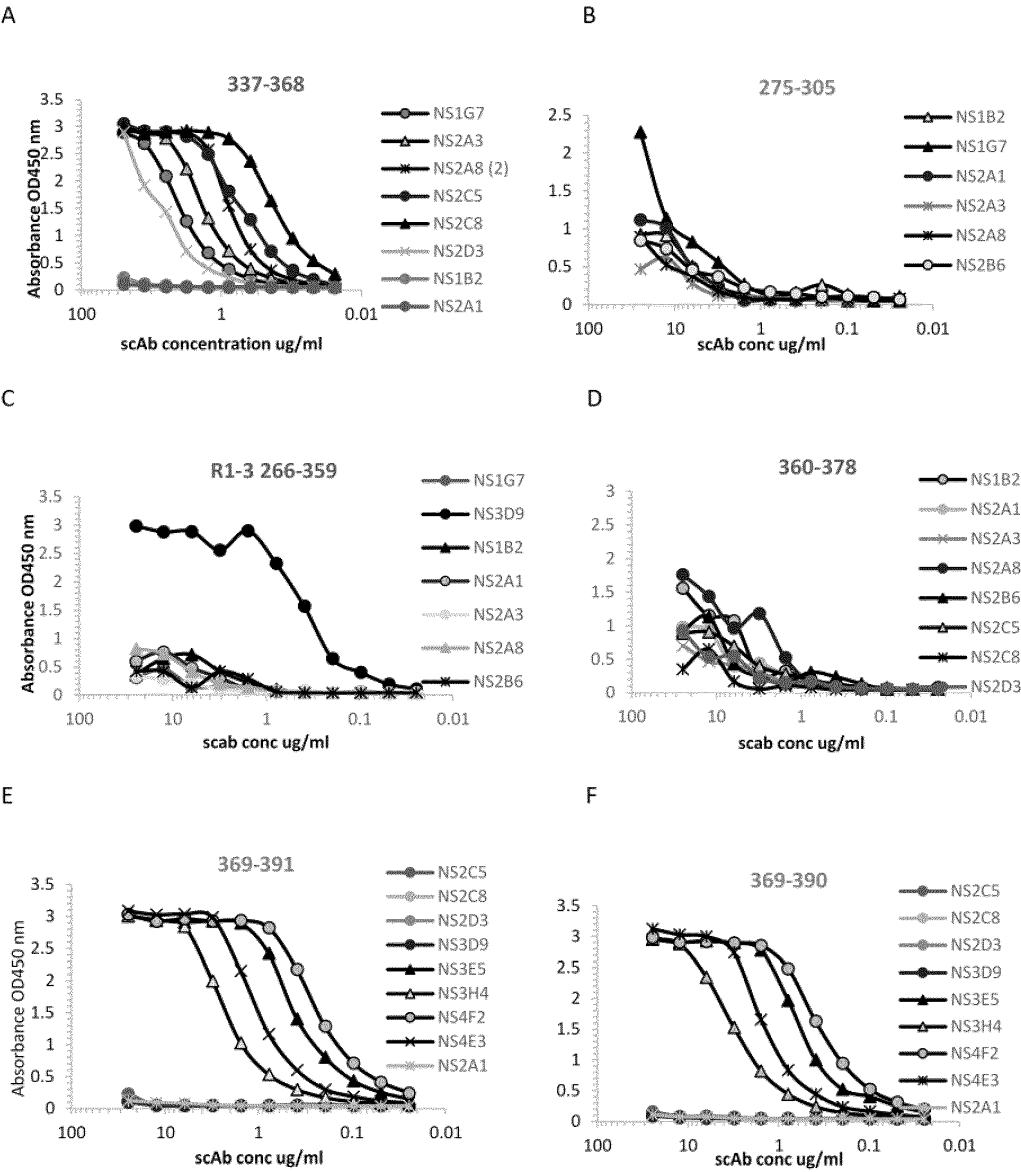
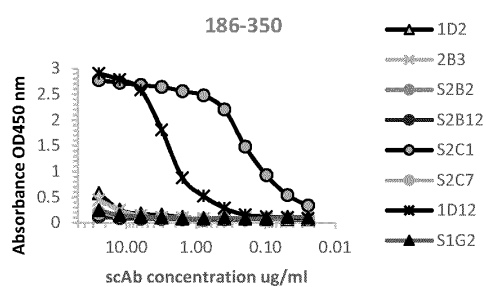
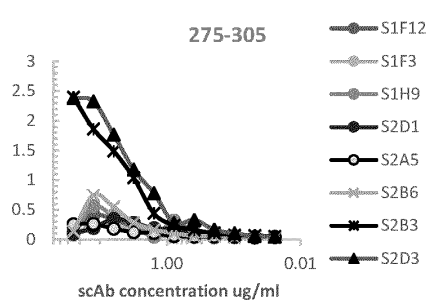


Figure 11

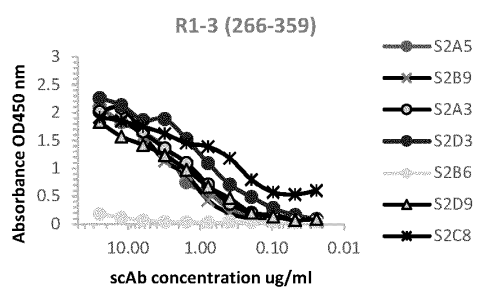
A



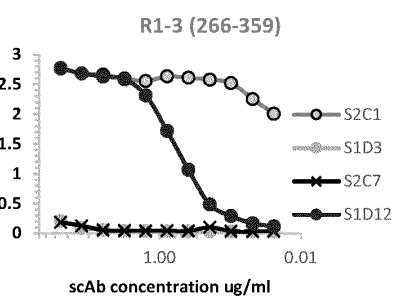
B



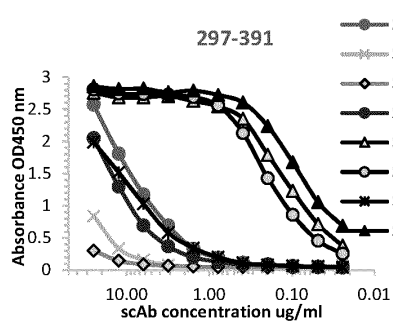
C



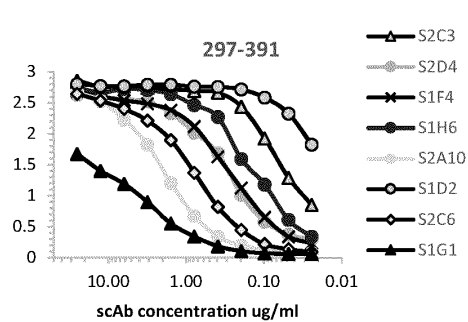
D



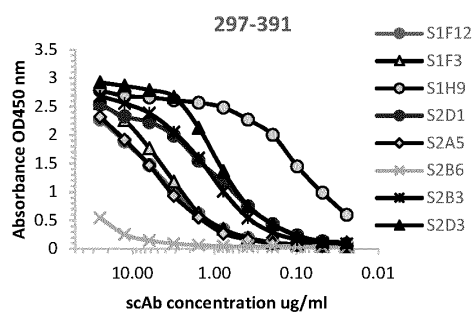
E



F



G



H

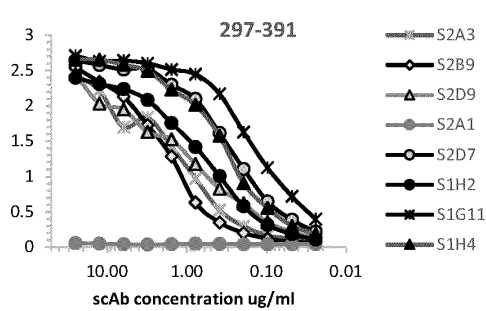
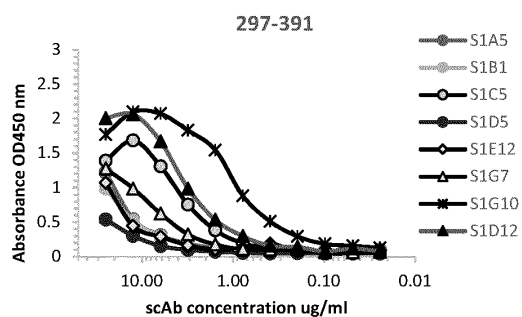
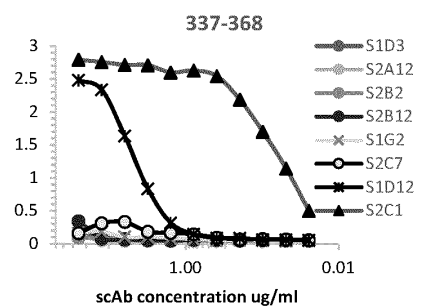


Figure 11 cont.

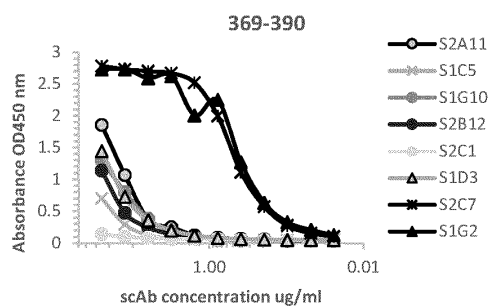
I



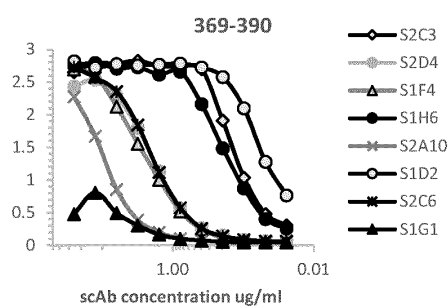
J



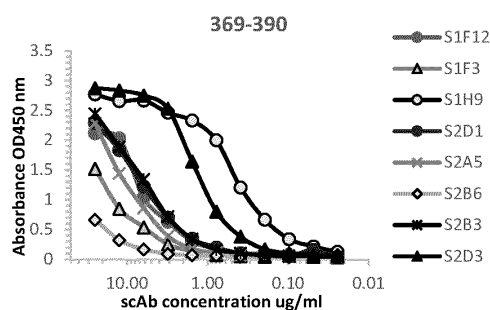
K



L



M



N

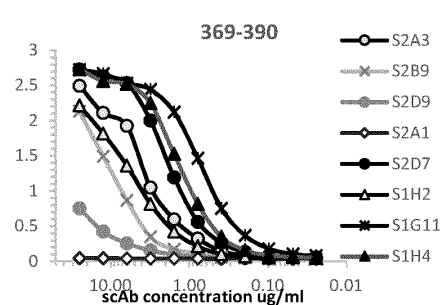
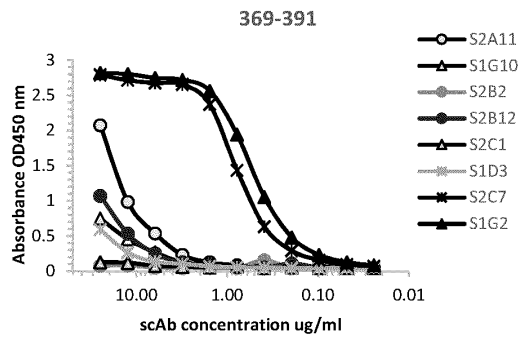
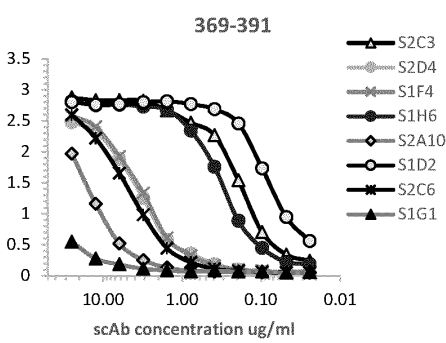


Figure 11 cont.

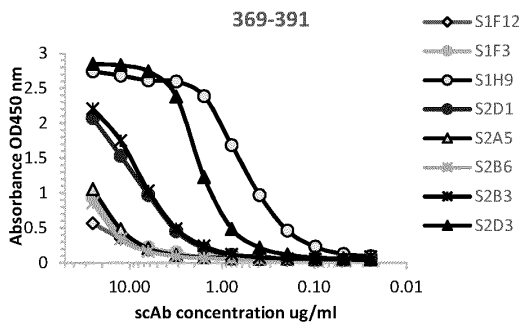
O



P



Q



R

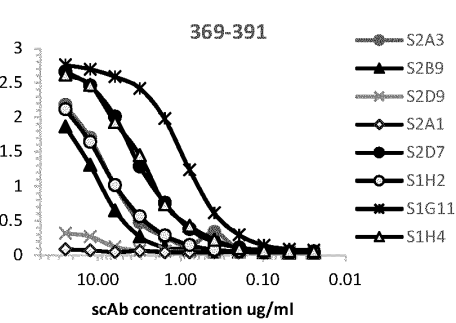


Figure 12

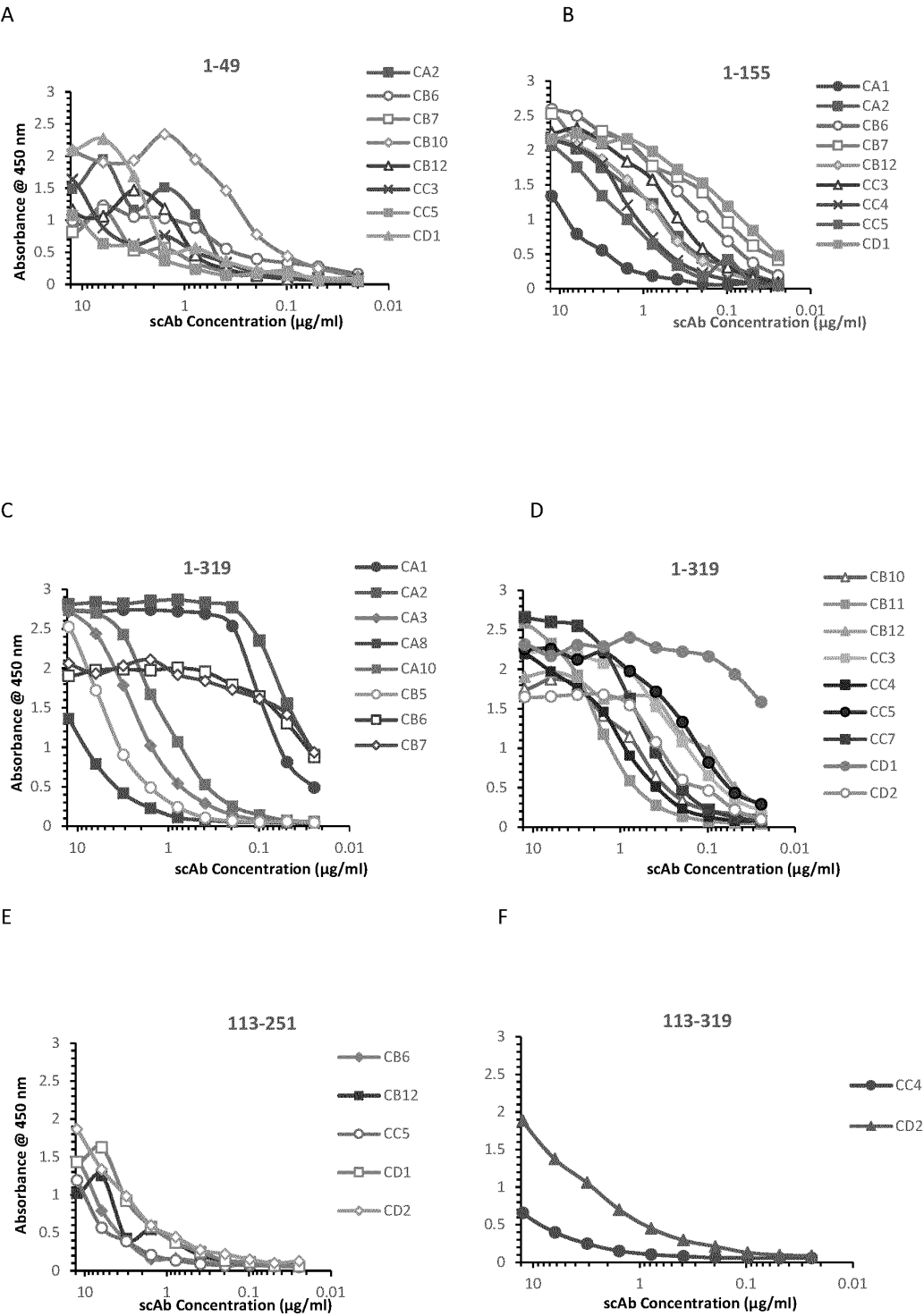
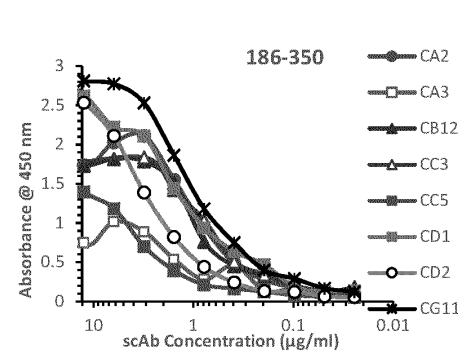
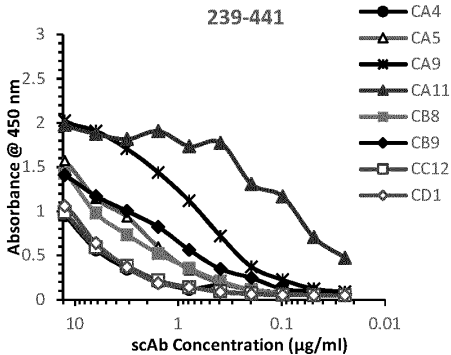


Figure 12 cont

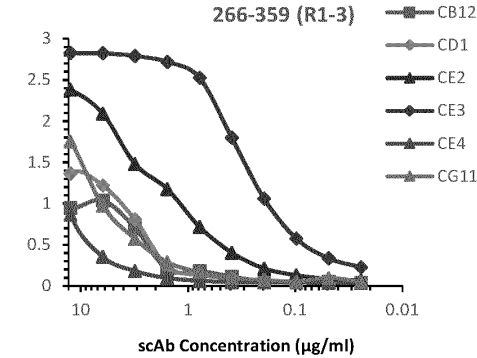
G



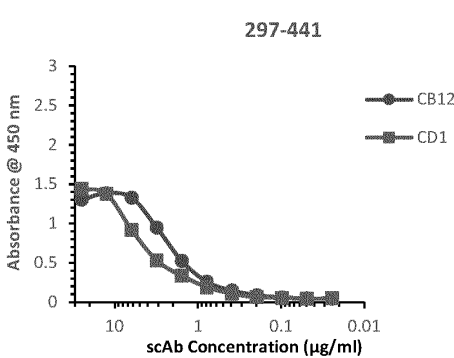
H



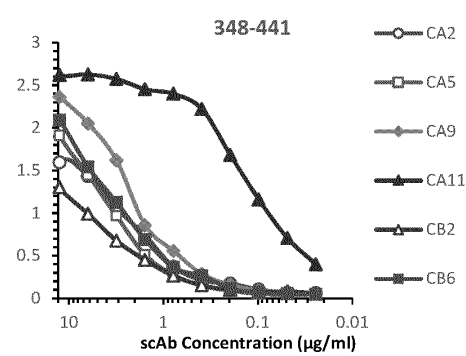
I



J



K



L

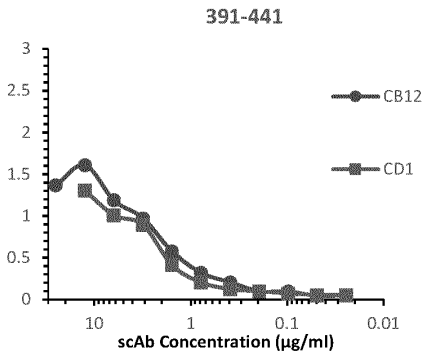
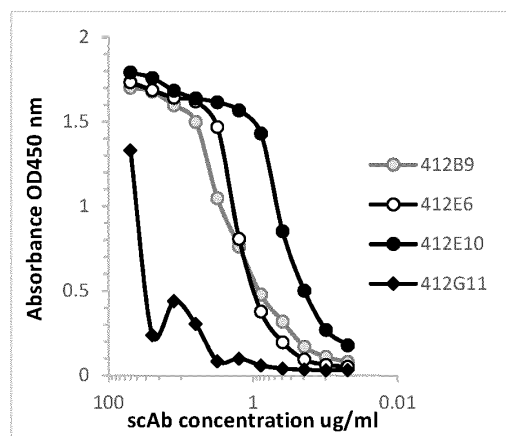


Figure 13

A



B

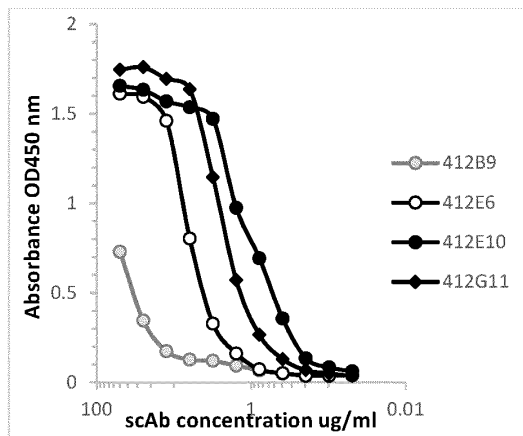


Figure 14

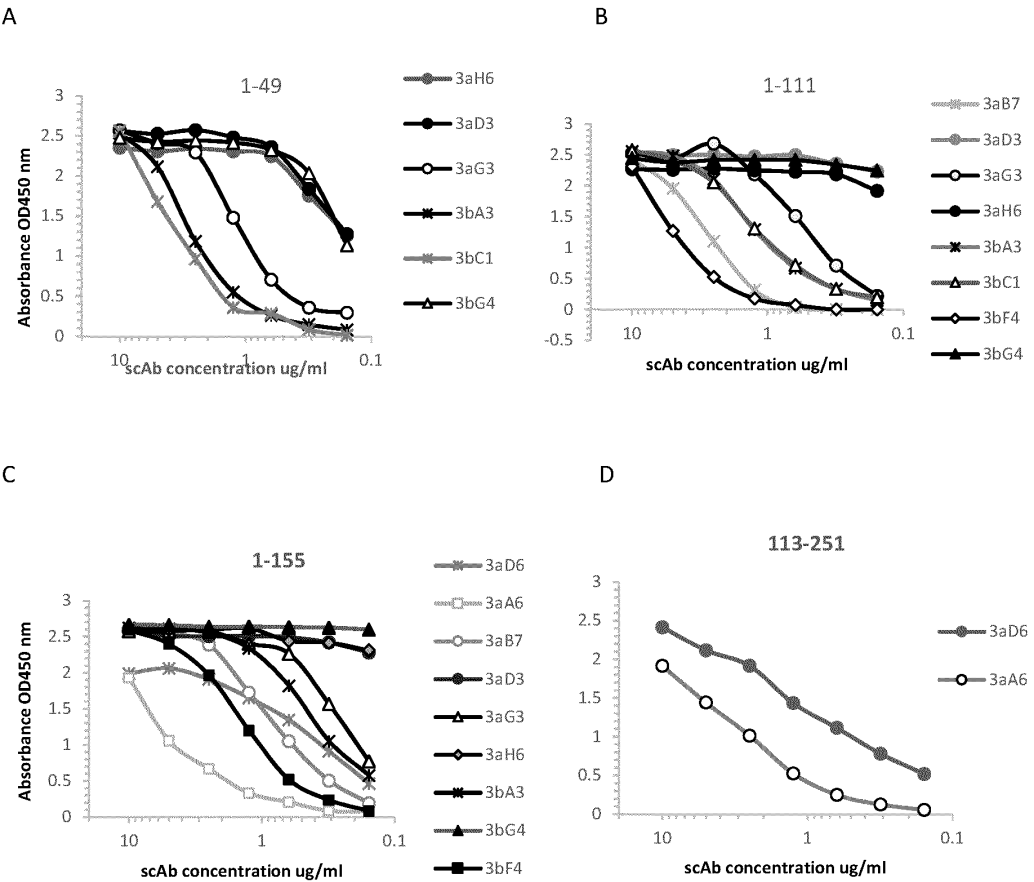
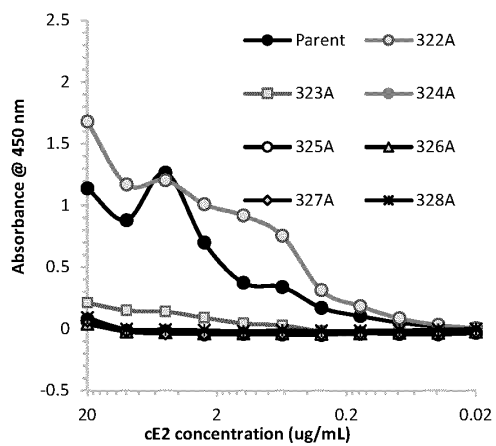


Figure 15

A



B

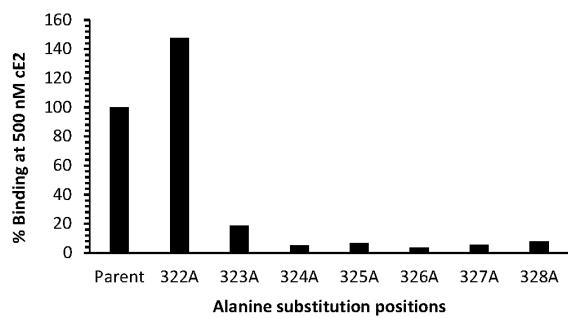


Figure 16

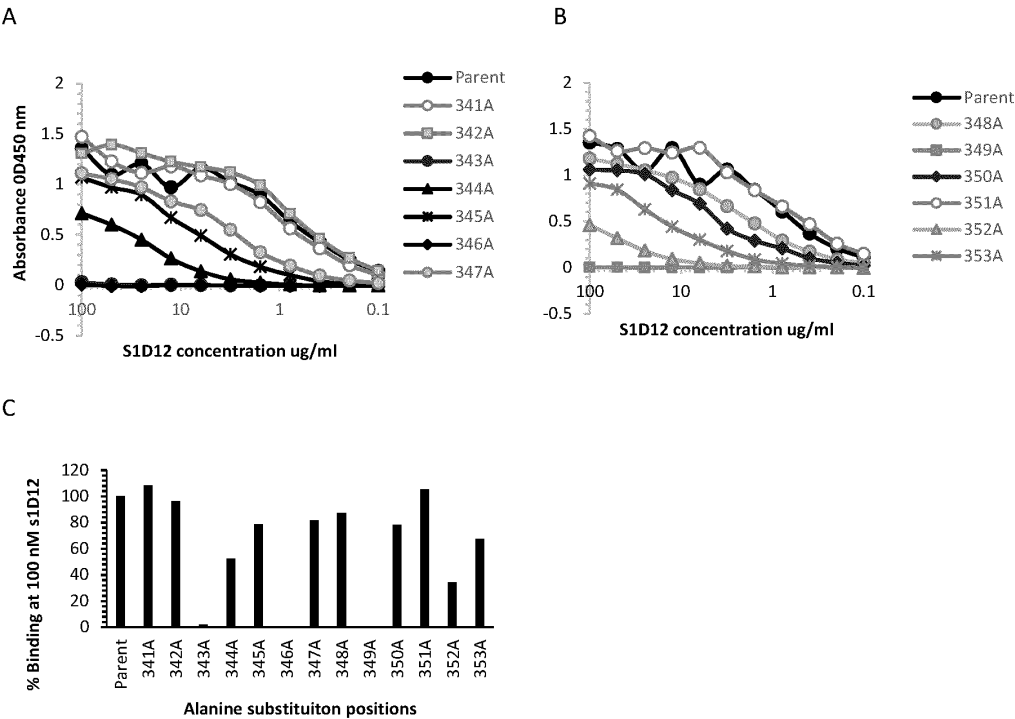


Figure 17

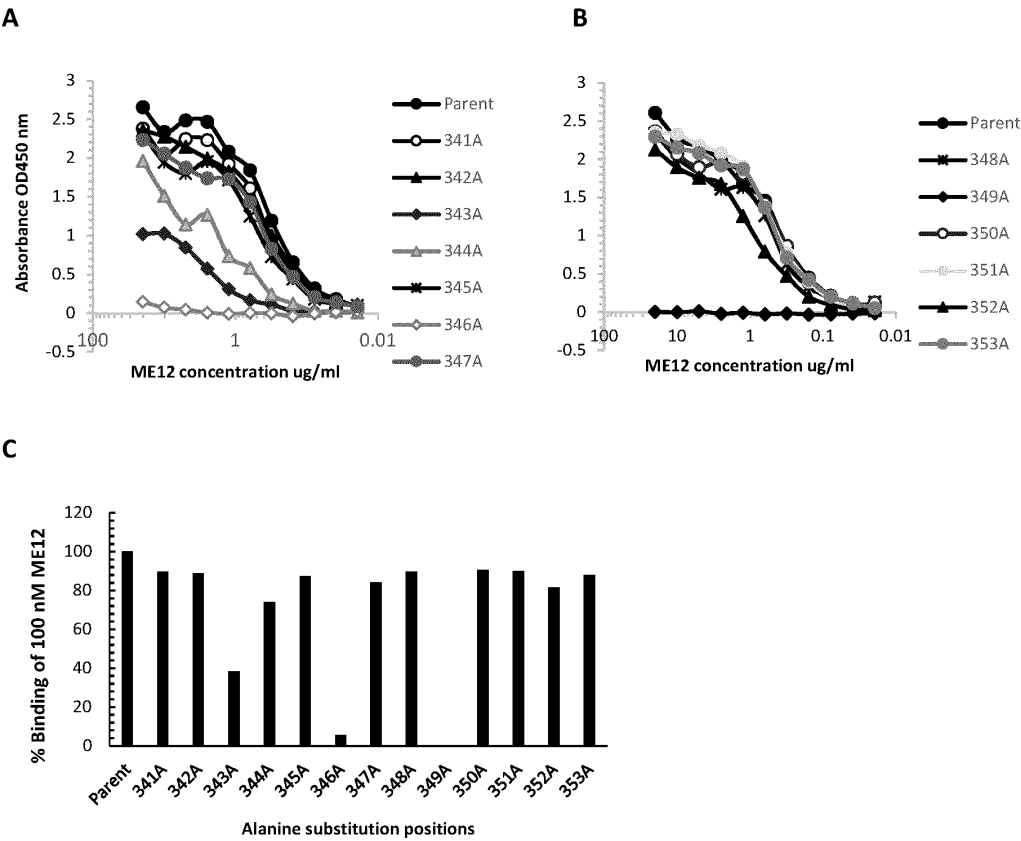
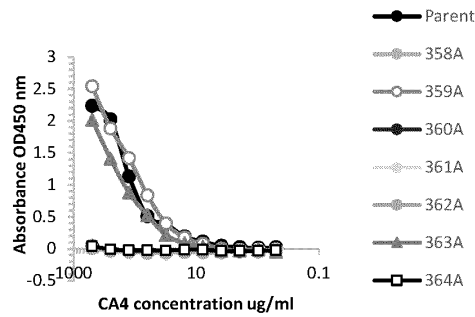


Figure 18

A



B

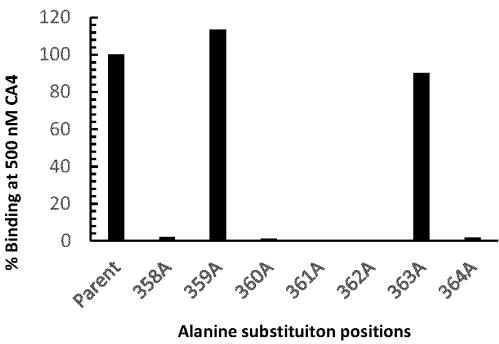


Figure 19

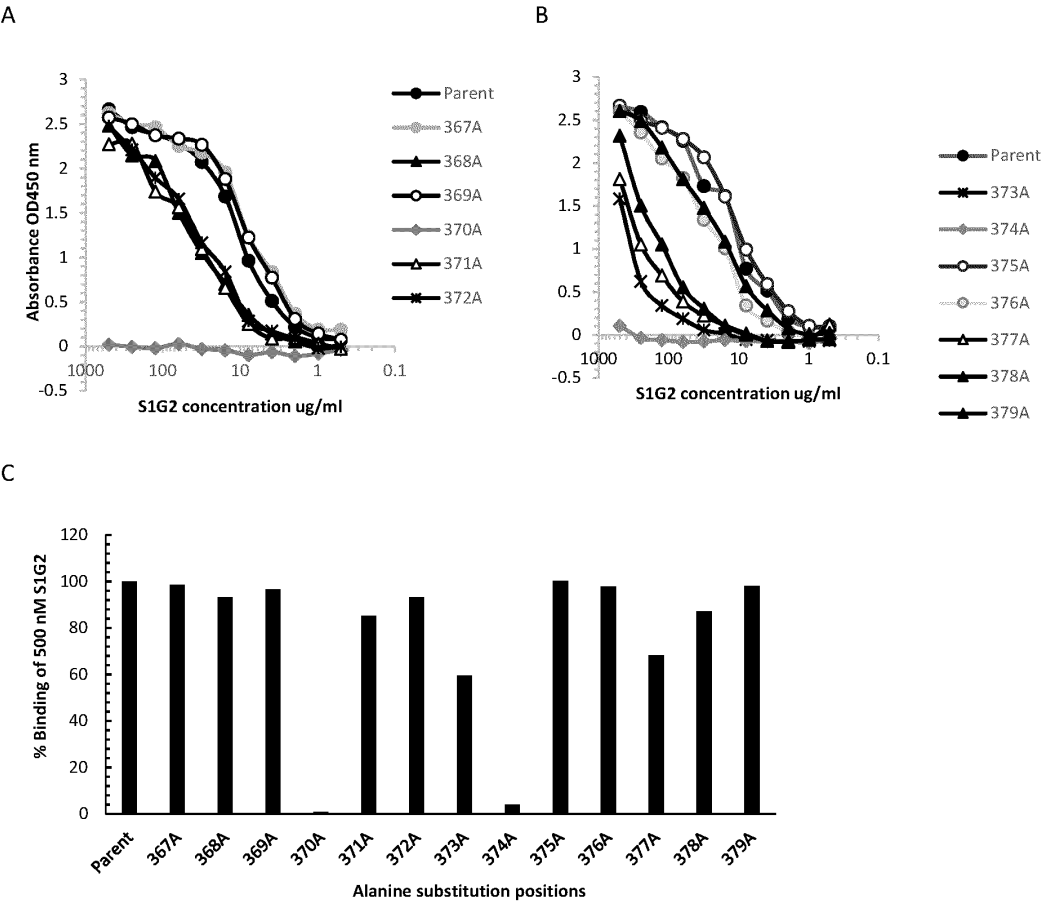


Figure 20

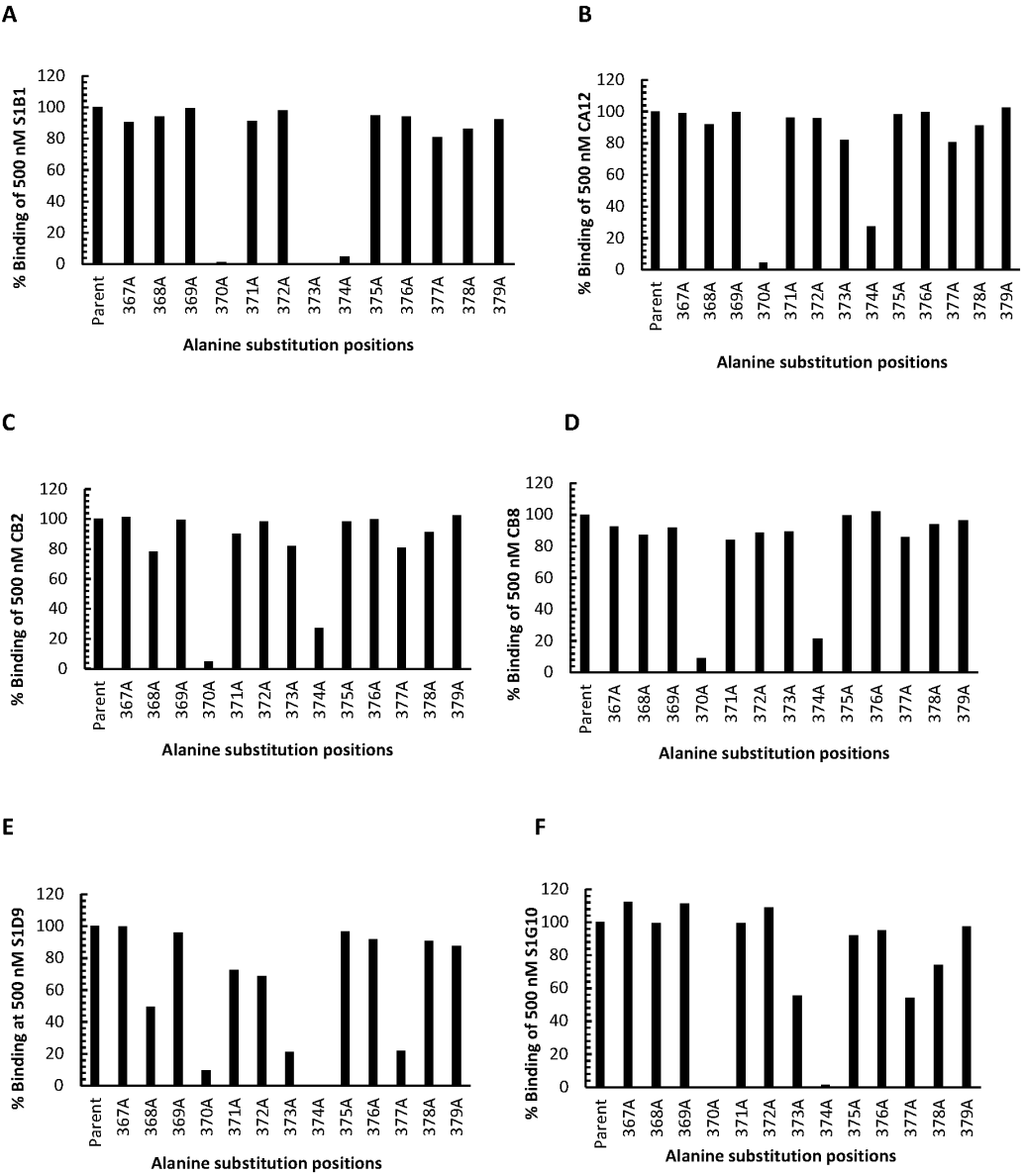
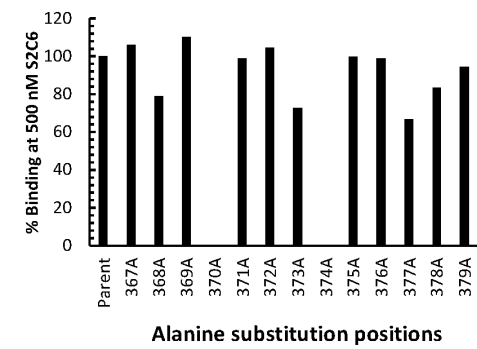
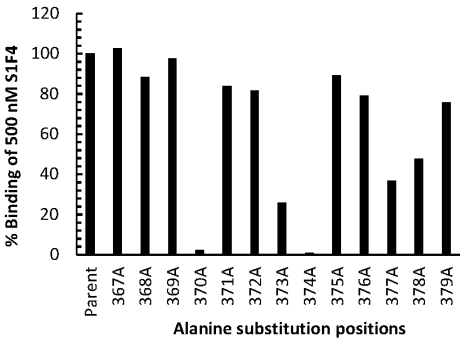


Figure 20 cont

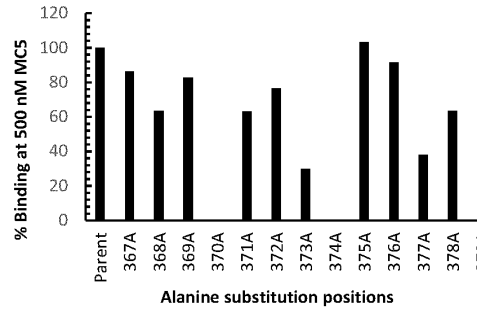
G



H



I



J

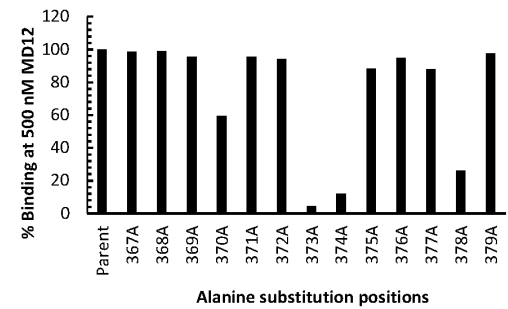


Figure 21

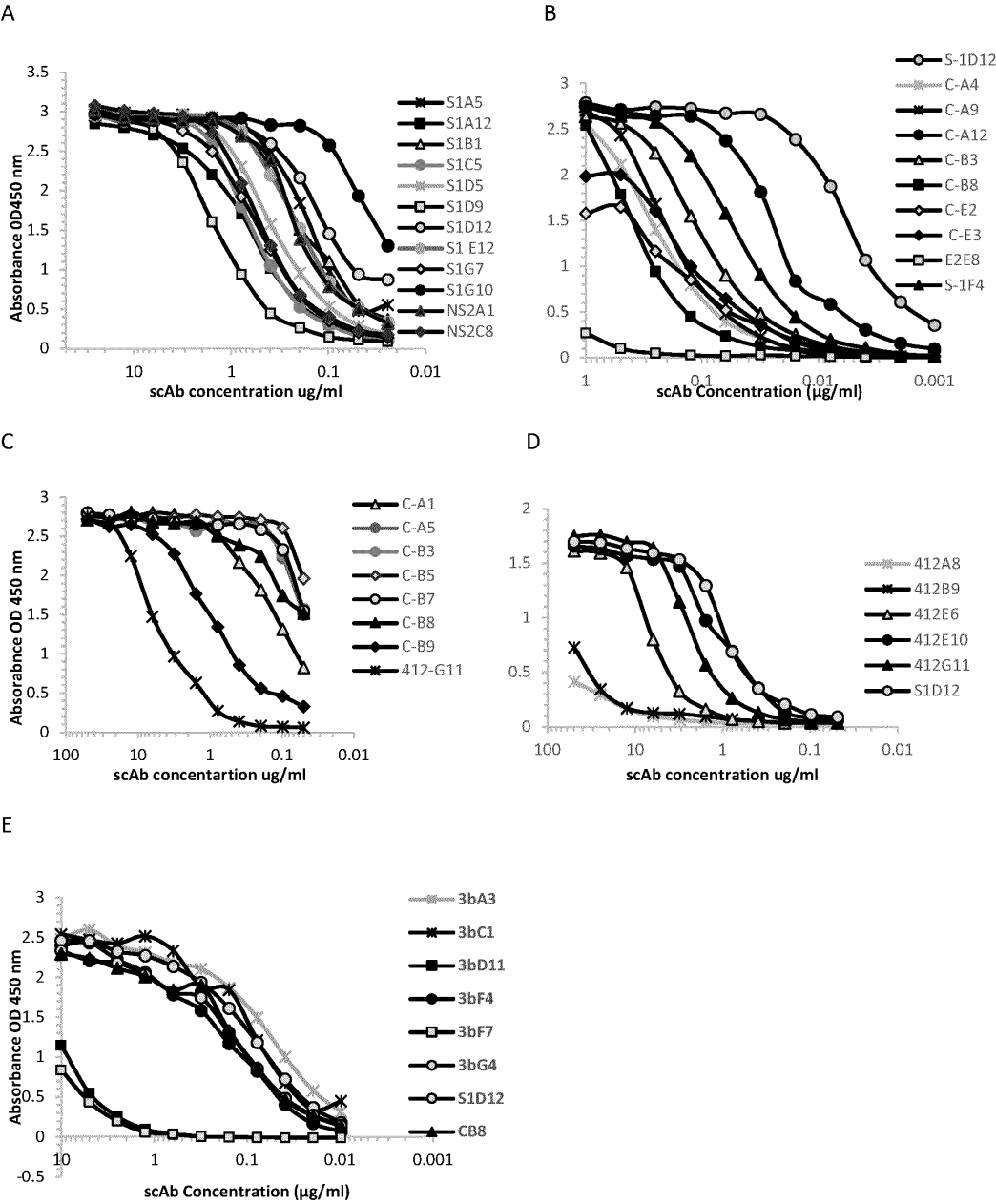


Figure 22

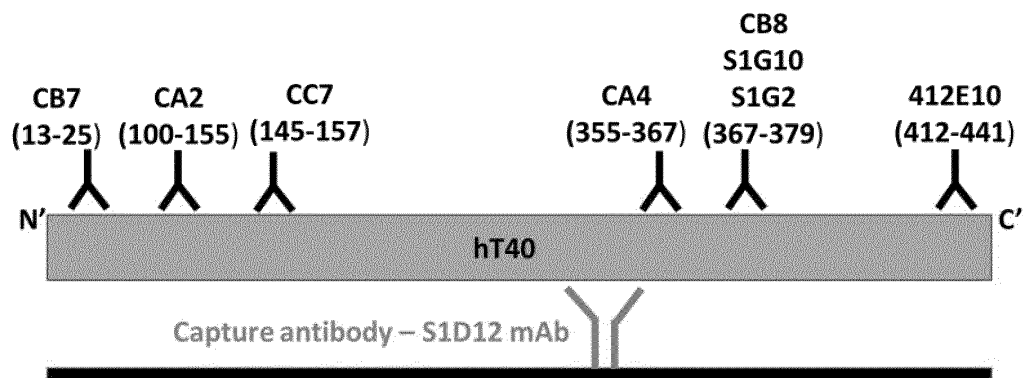


Figure 23

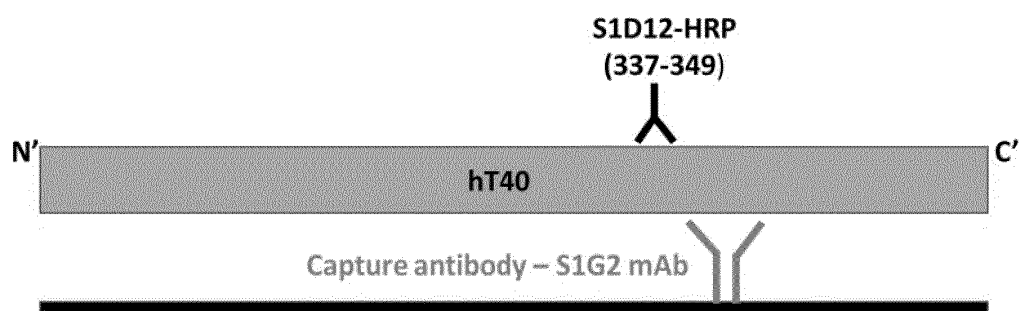


Figure 24

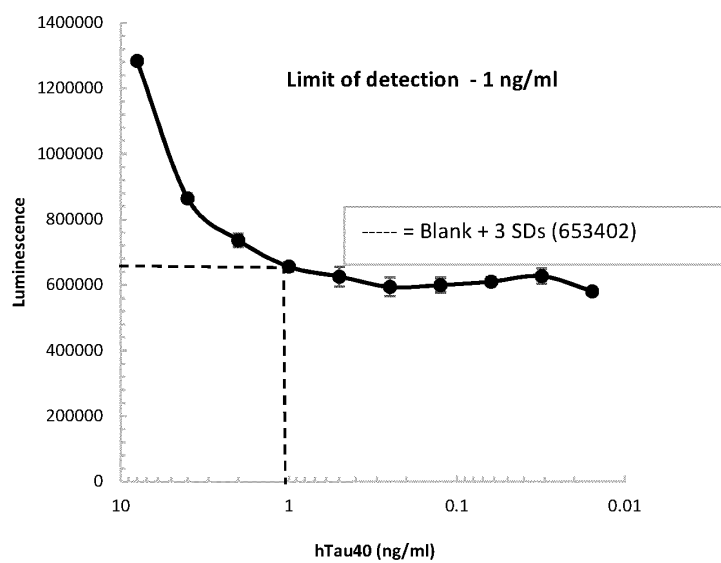


Figure 25

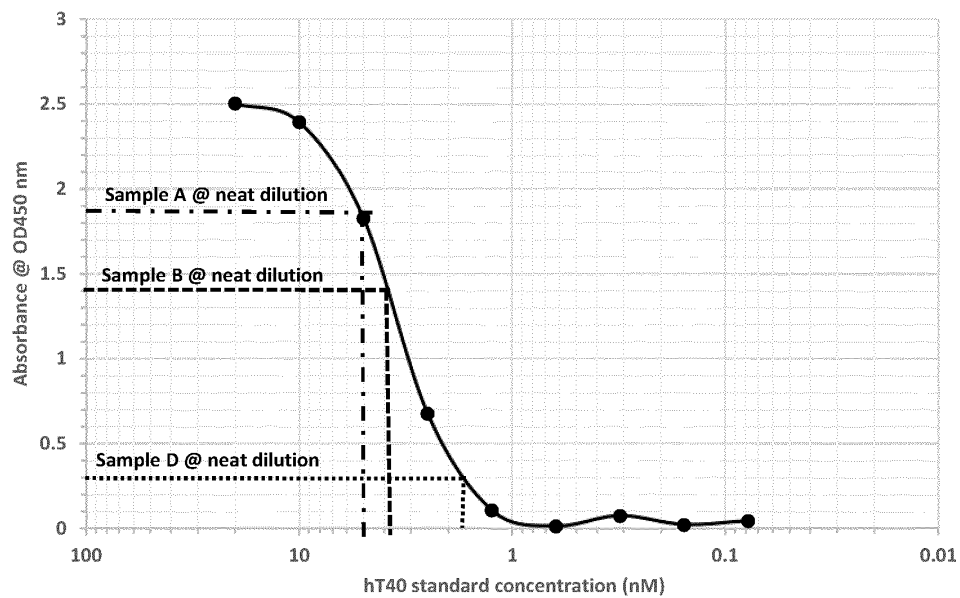


Figure 26

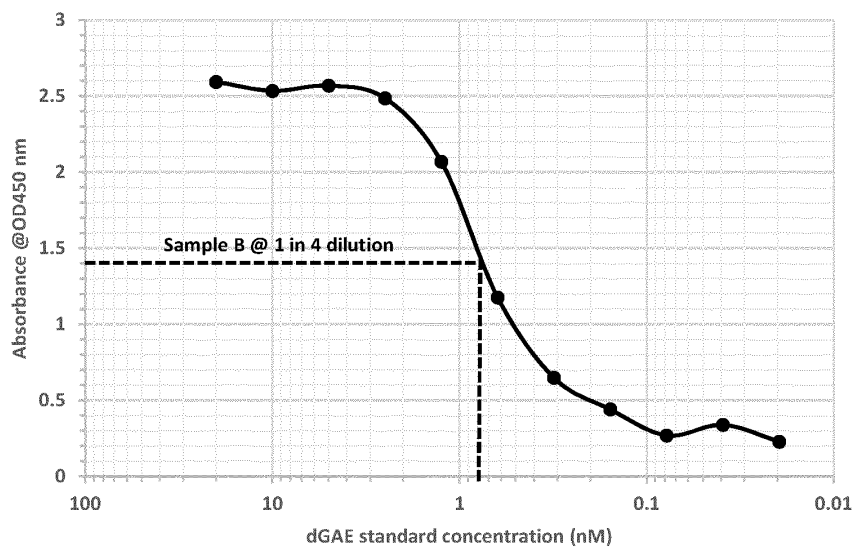


Figure 27

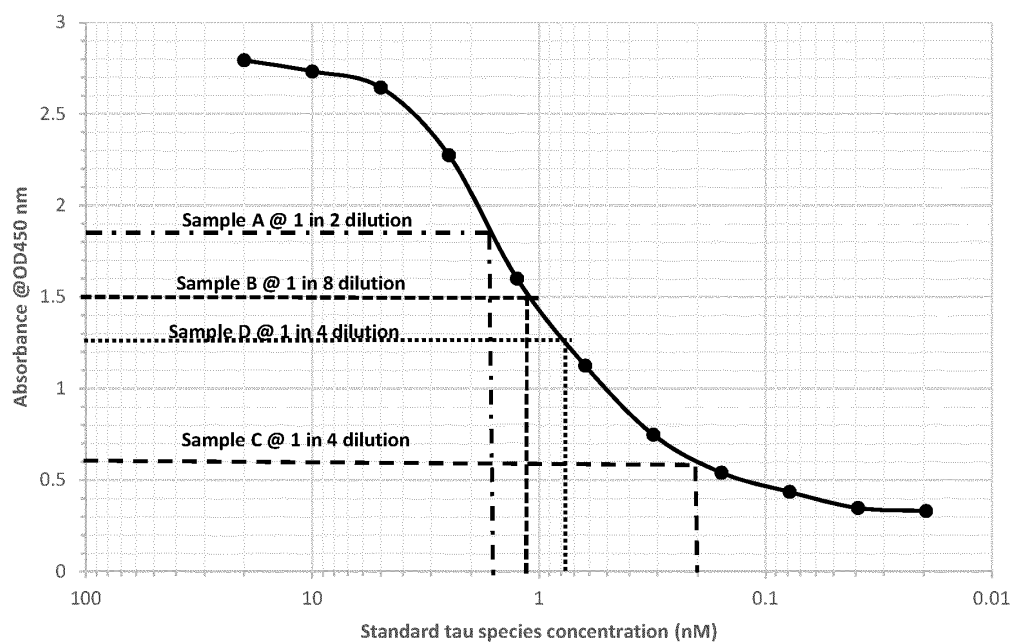


Figure 28

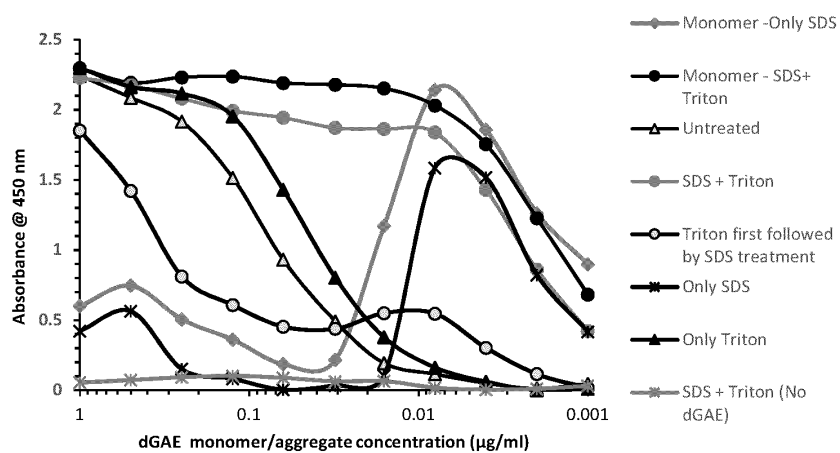


Figure 29

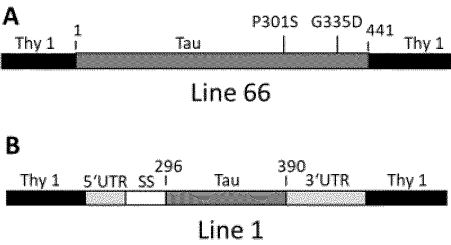
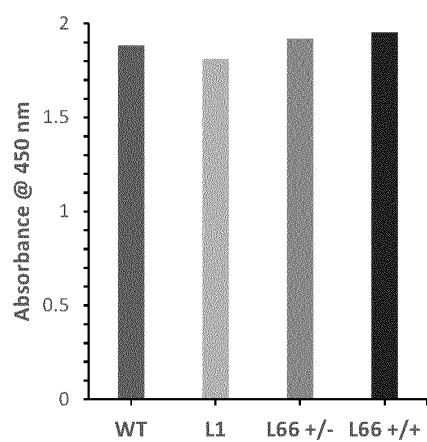


Figure 30

A



B

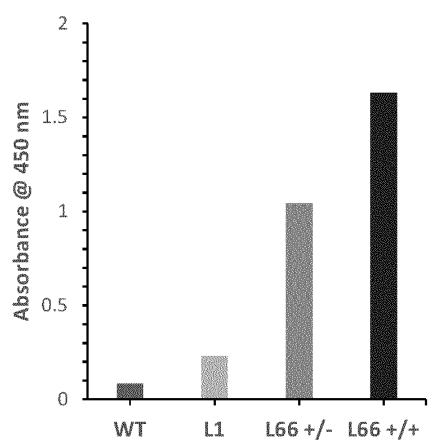


Figure 31

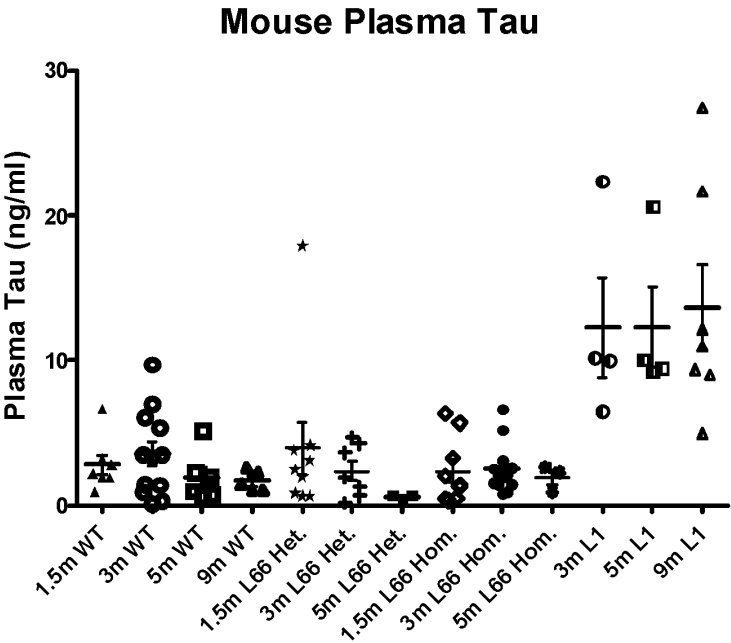
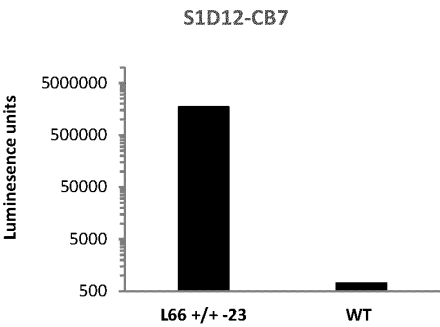


Figure 32

A



B

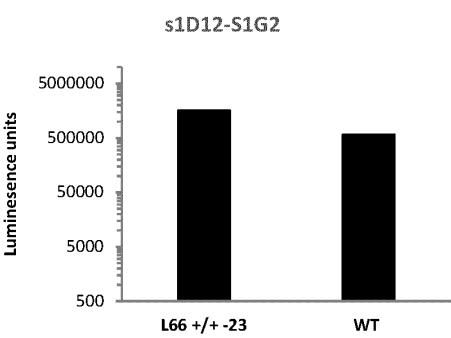
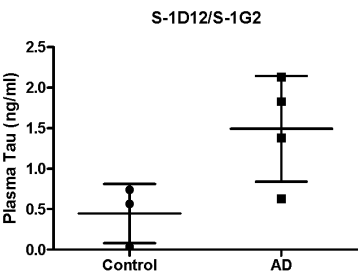


Figure 33

A



B

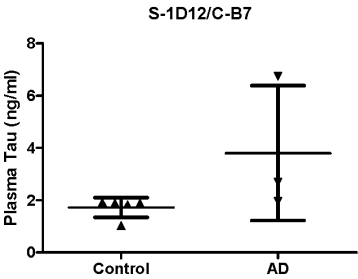
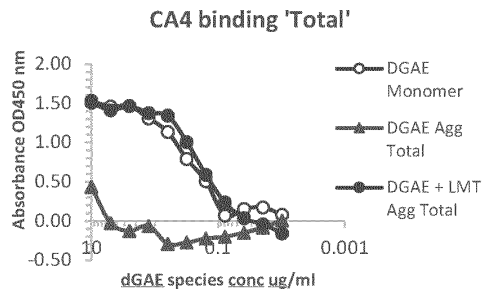
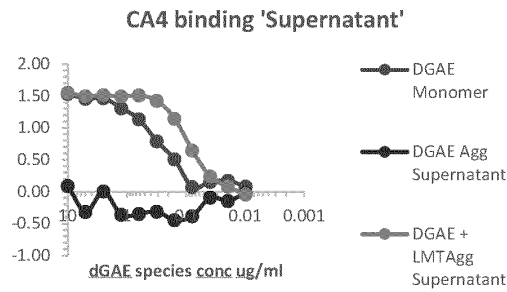


Figure 34

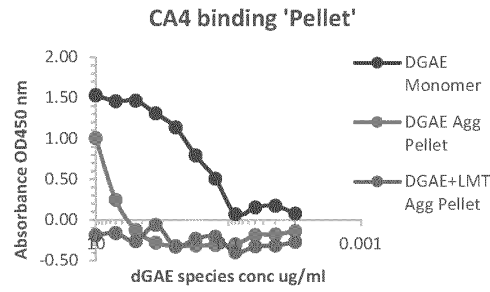
A



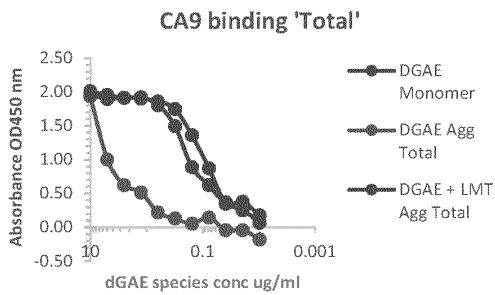
B



C



D



E

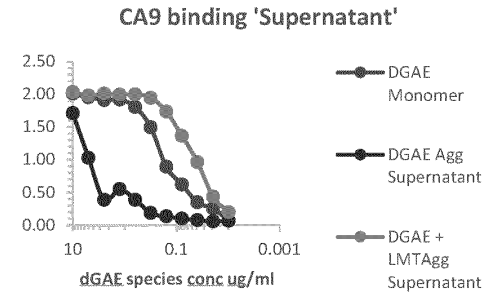
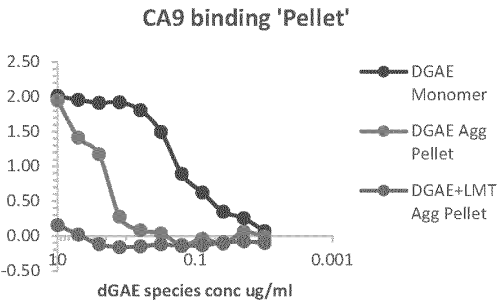
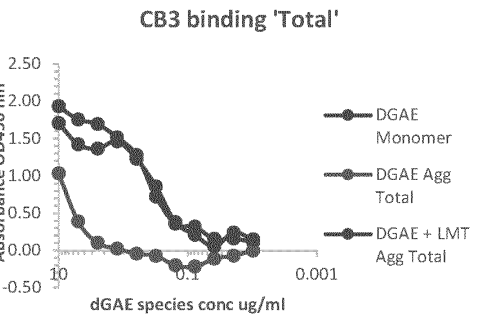


Figure 34 cont.

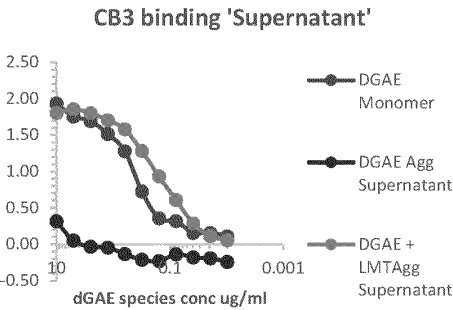
F



G



H



I

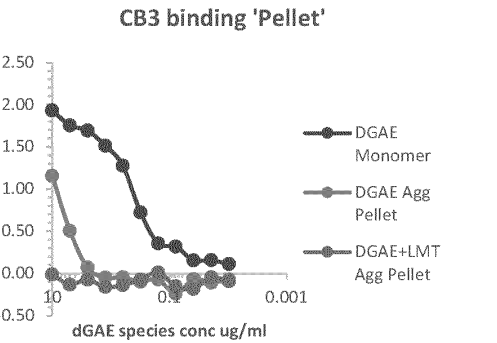
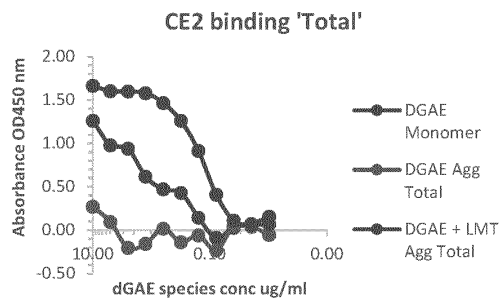
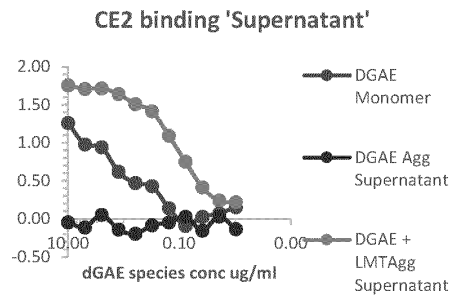


Figure 34 cont.

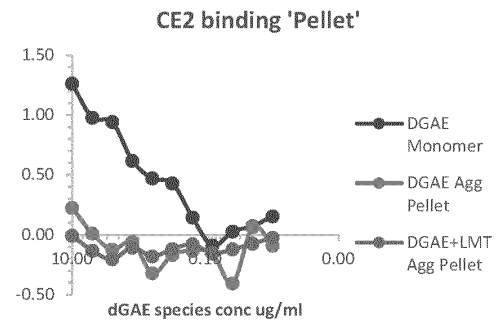
J



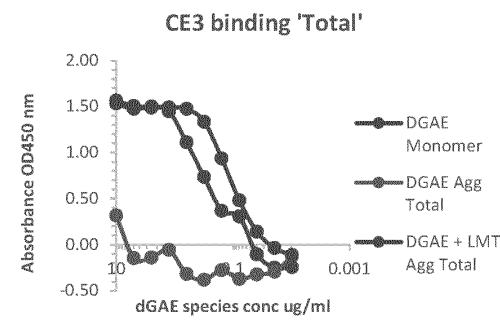
K



L



M



N

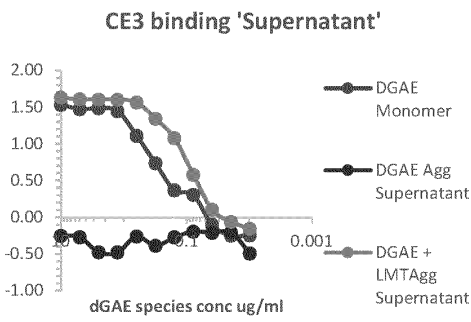
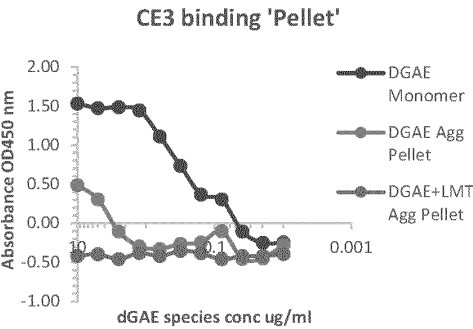
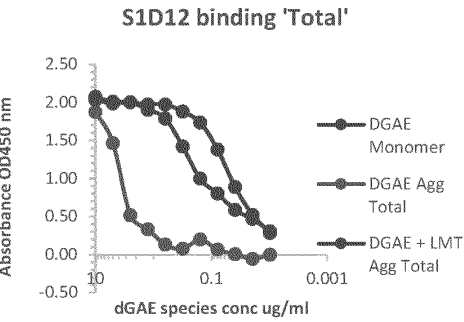


Figure 34 cont.

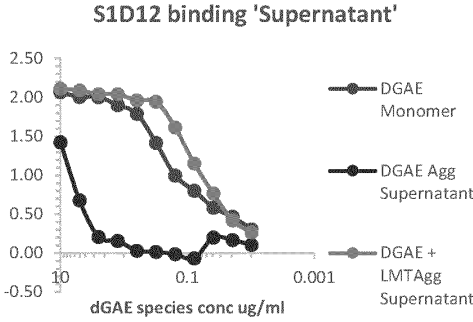
O



P



Q



R

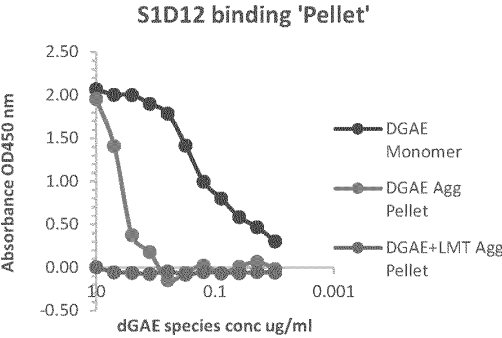


Figure 35

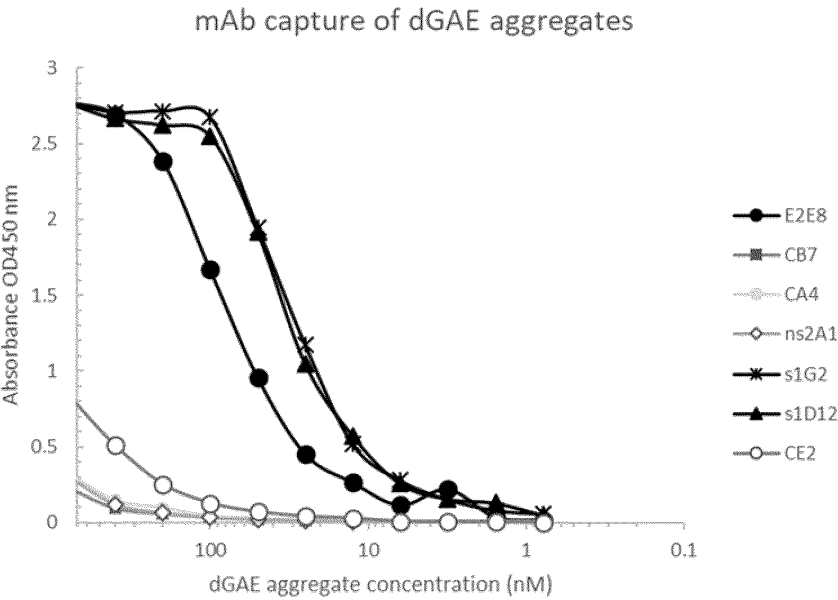


Figure 36

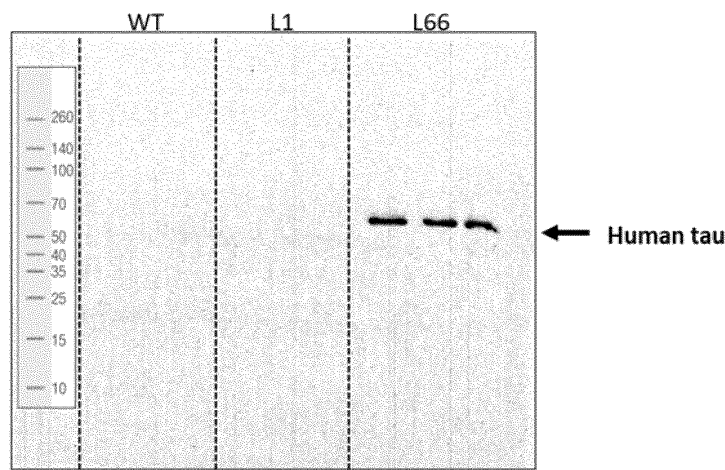


Figure 37

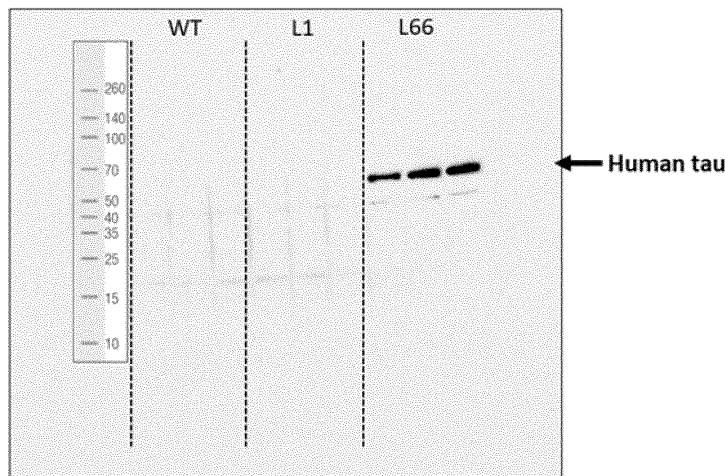


Figure 38

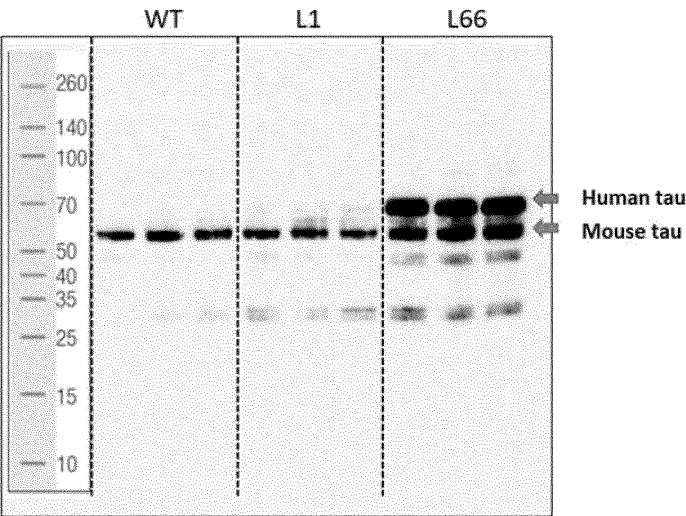


Figure 39

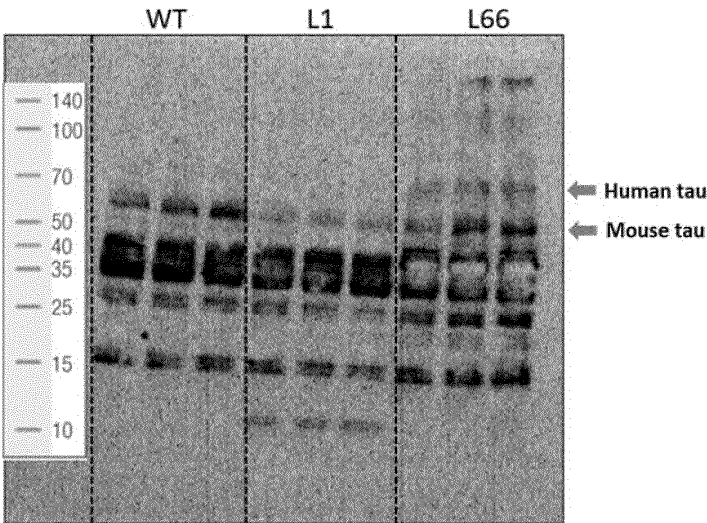


Figure 40

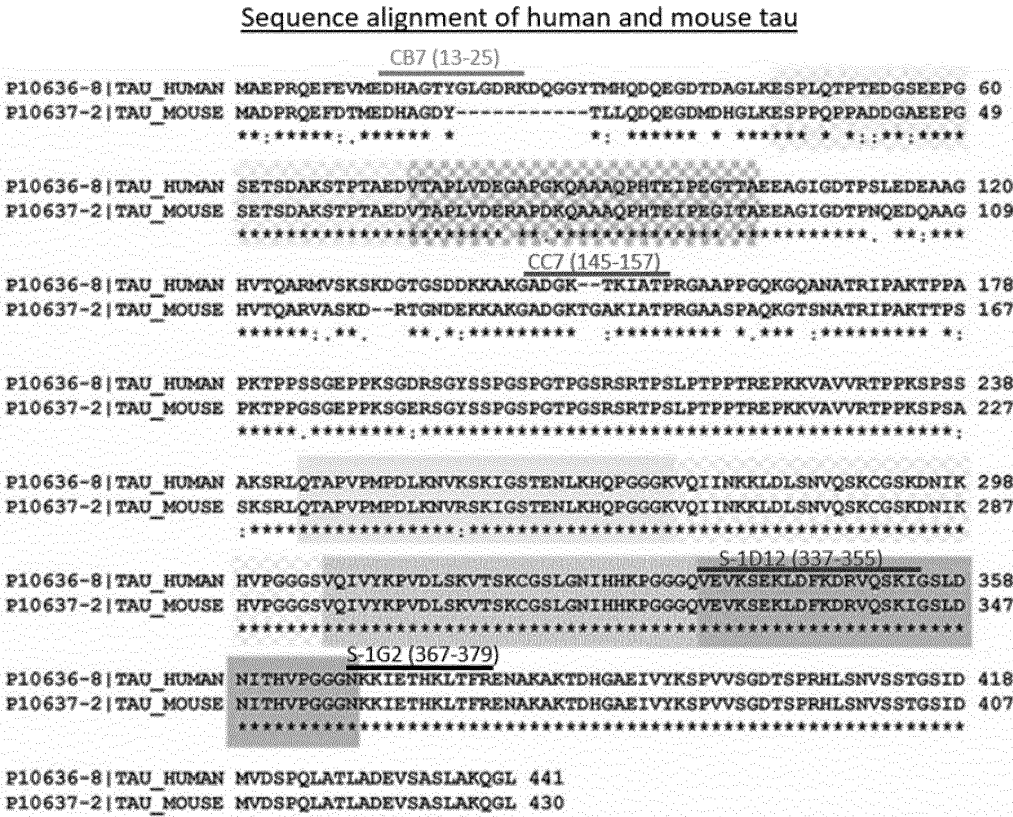


Figure 41

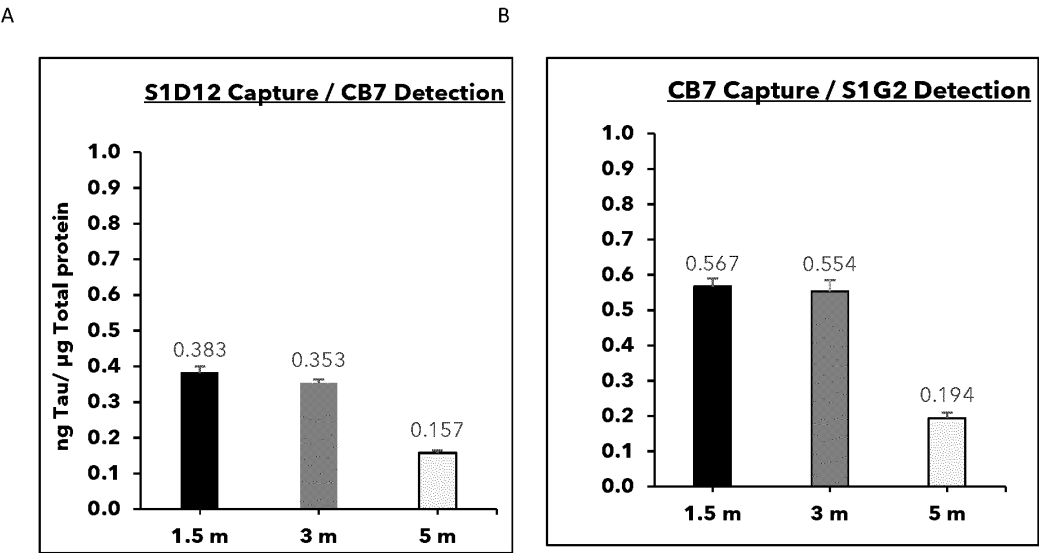


Figure 42

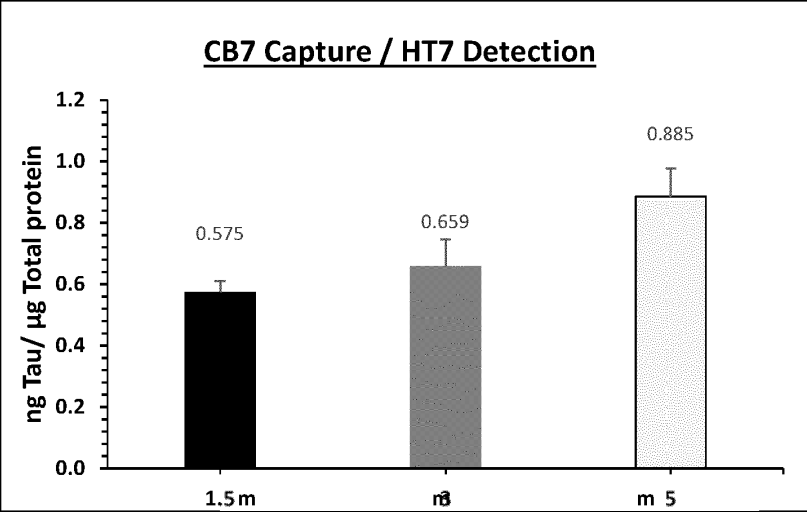


Figure 43

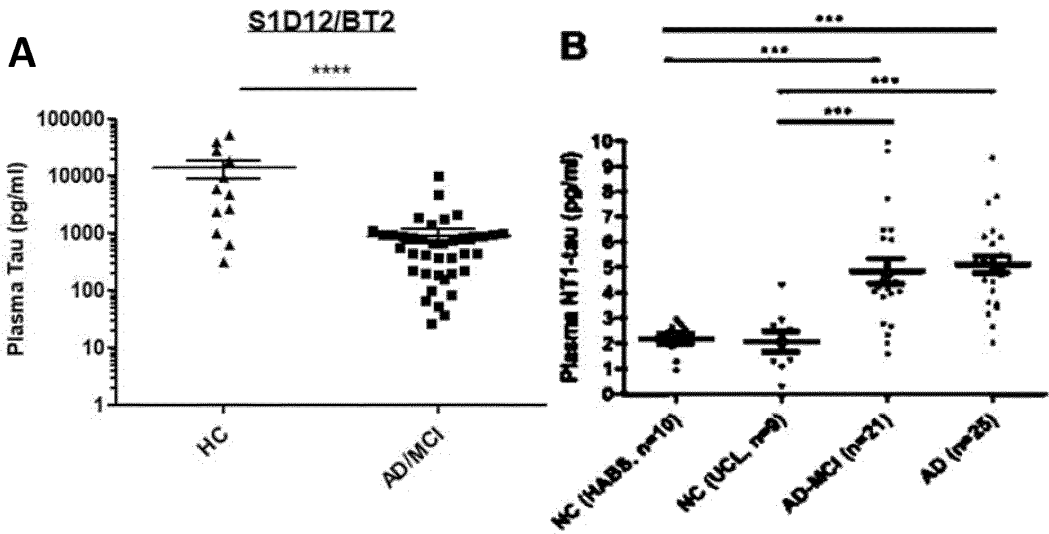


Figure 44

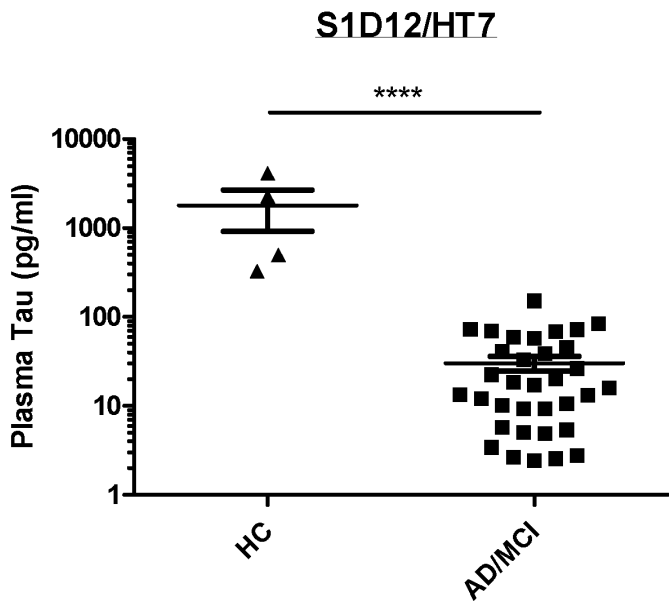


Figure 45

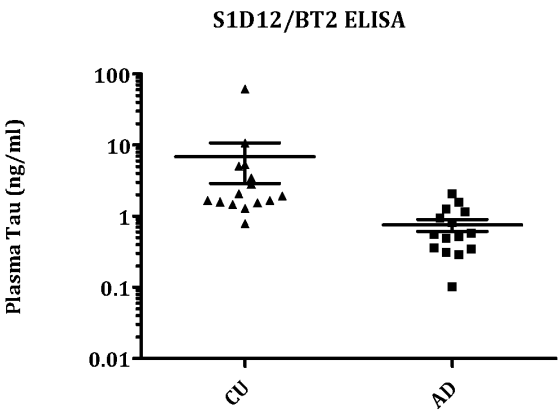


Figure 46

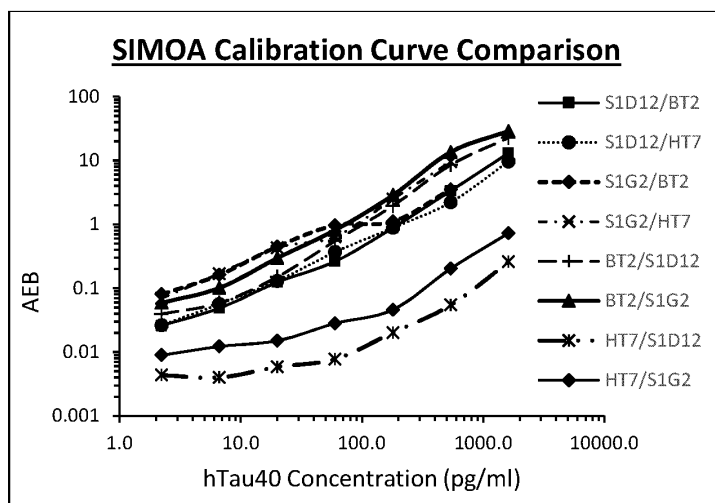


Figure 47

Human plasma S1D12 IP followed by BT2 IP

195 -

Proline-rich domain	R1	R2	R3	R4
---------------------	----	----	----	----

 - 370

159 -

Proline-rich domain	R1	R2	R3	R4
---------------------	----	----	----	----

 - 379

Extended to 379 based on S1G2 binding in immunoassays, and ions score of 20

Extended to 159 based on HT7 binding in immunoassays,

Based on mass spec abundance, further extended to 113

Human plasma S1D12 IP followed by HT7 IP

113 -

N2

Proline-rich domain

 - 224

113 -

N2

Proline-rich domain	R1	R2	R3	R4
---------------------	----	----	----	----

 - 349

Extended to 349 based on S1D12 binding in immunoassays

Human plasma S1D12 IP

113 -

N2

Proline-rich domain	R1	R2	R3	R4
---------------------	----	----	----	----

 - 370

hTau40 No IP - 50 ng spiked

6 -

	N1	N2		Proline-rich domain	R1	R2	R3	R4	
--	----	----	--	---------------------	----	----	----	----	--

 - 438

BT2 (194-198) S1D12 (337-349)

HT7 (159-163) S1G2 (370-374)

hTau40 S1D12 IP of 50 ng spiked

68 -

N1	N2		Proline-rich domain	R1	R2	R3	R4	
----	----	--	---------------------	----	----	----	----	--

 - 438

Figure 48

