

Antibody	Immunogen	Protocol	Mouse strain	
GM37	FL human Alpha- synuclein fibrils Alternating with 1-60 alpha- synuclein 1-119 alpha- synuclein	Complete Freunds adjuvant and incomplete Freunds adjuvant	HCo17-Balb/c	
GM285	FL human alpha- synuclein monomer followed by fibrils or monomer	Complete Freunds adjuvant and incomplete Freunds adjuvant	HCo12-Balb/c	

FIG 1

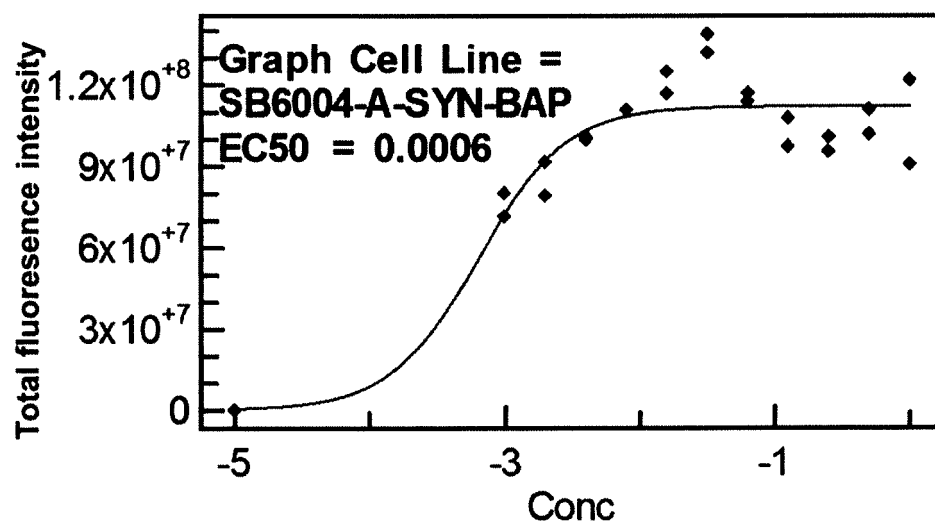


Fig 2A

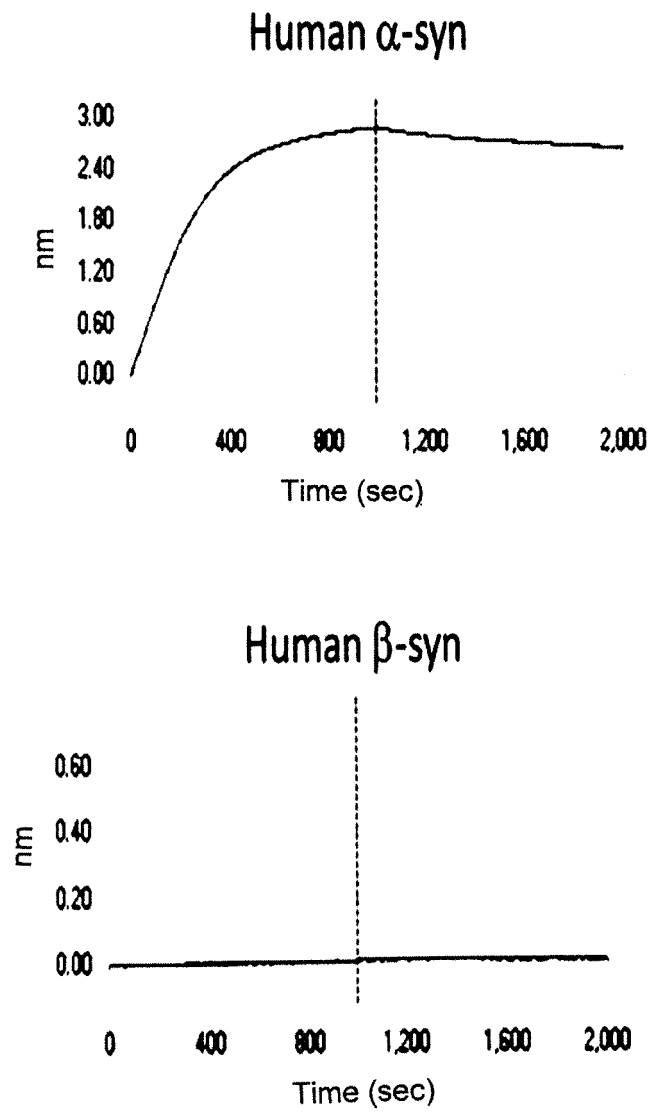


Fig 2B

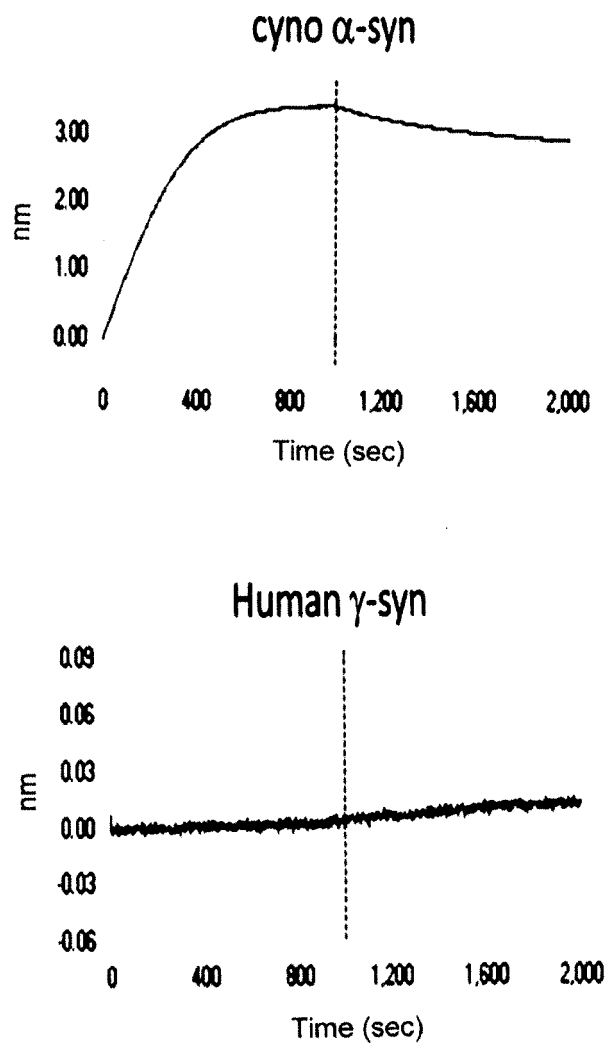


Fig 2B (continued)

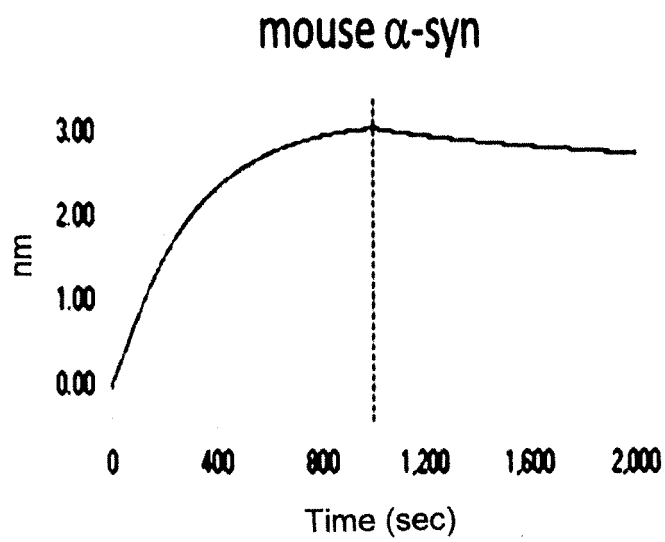


Fig 2B (continued)

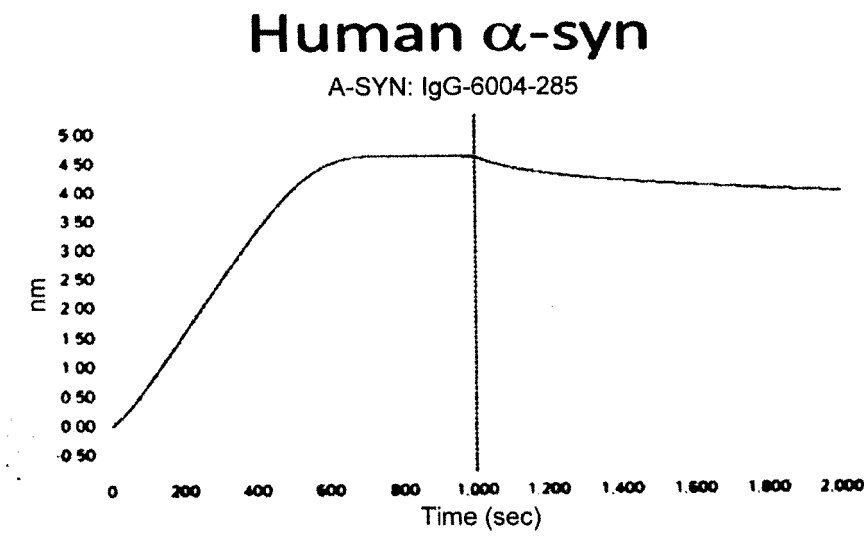


Fig 2C

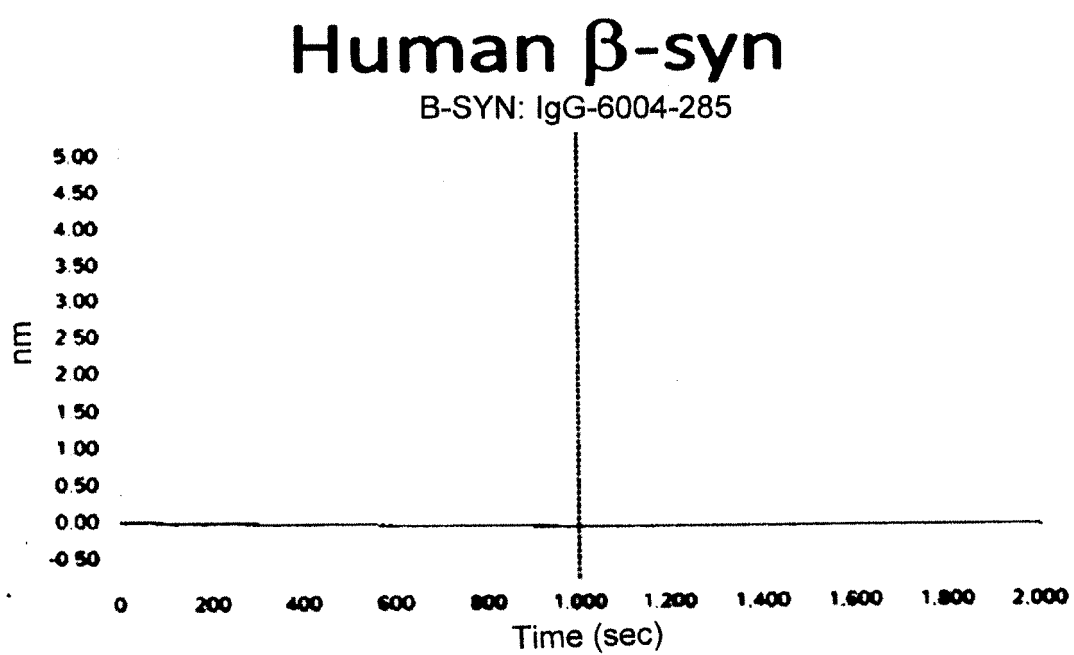


Fig 2C (continued)

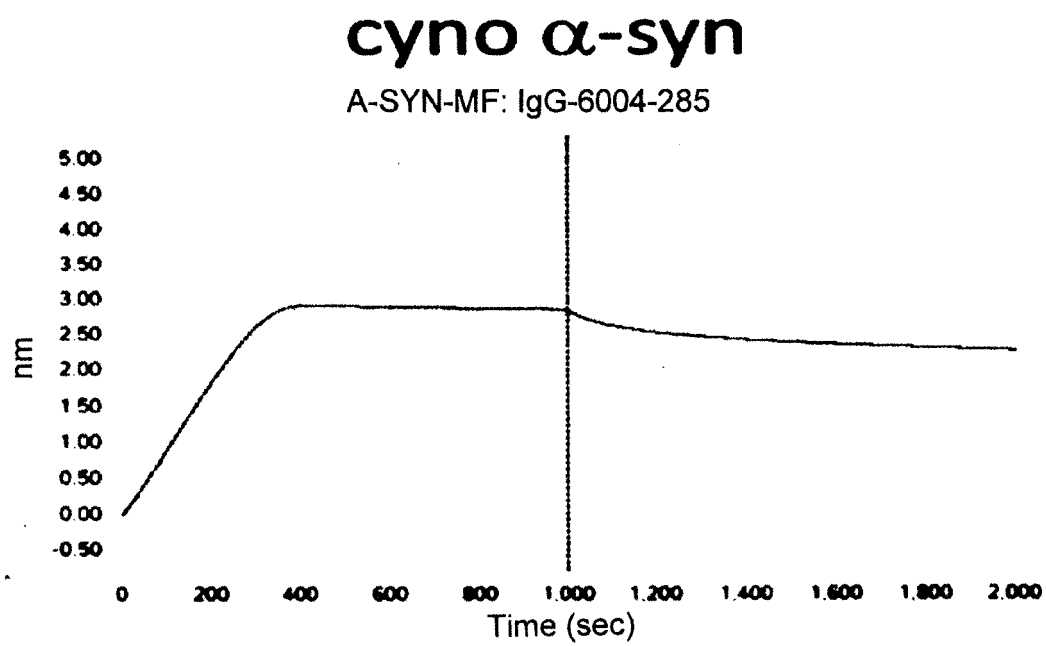


Fig 2C (continued)

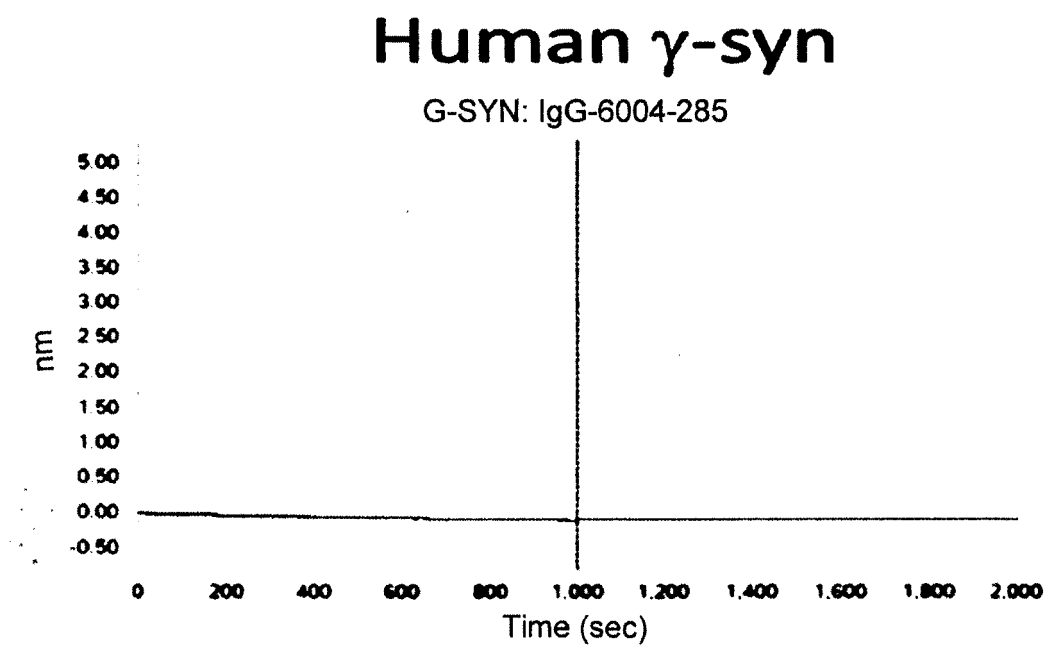


Fig 2C (continued)

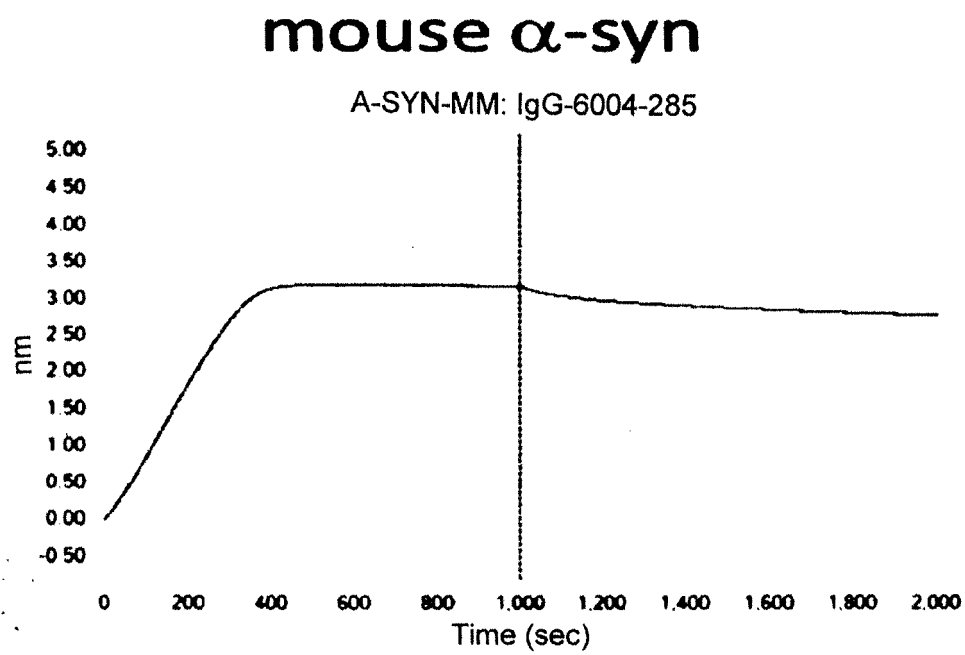


Fig 2C (continued)

A

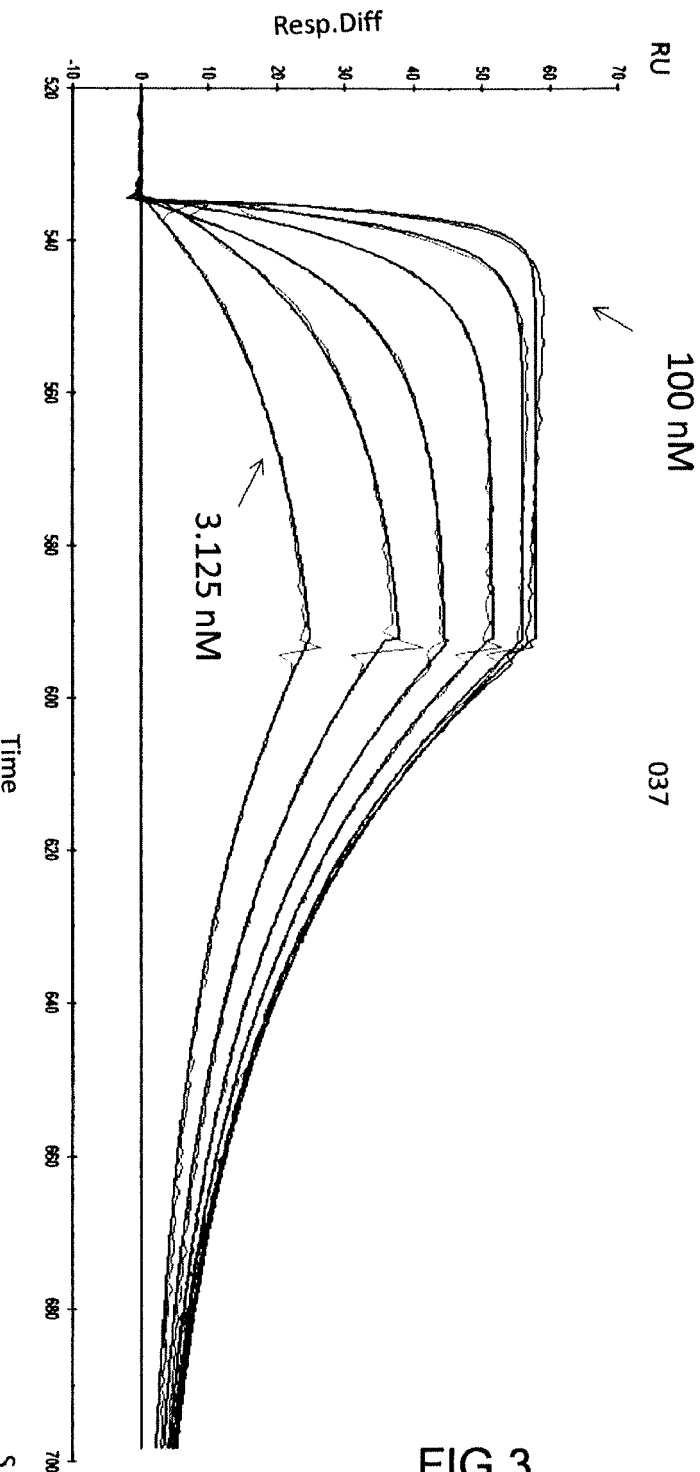
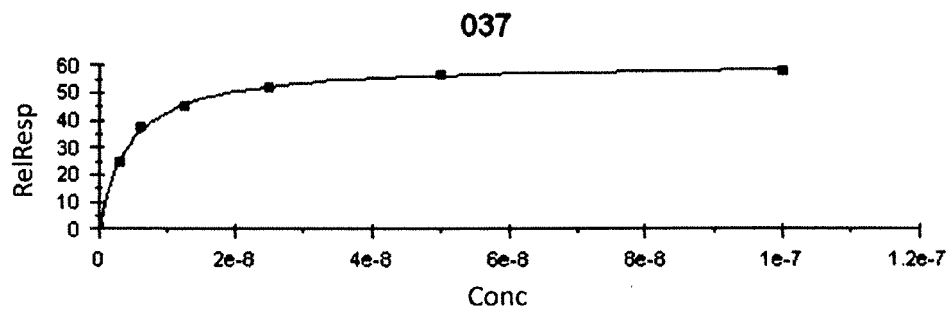


FIG 3

B**C**

Name	KA(1/M)	KD(nM)	Rmax	Chi2
hlgG1-6004-037 C106S	2.33E+08	4.29	61.1	0.96

Fig 3 (continued)

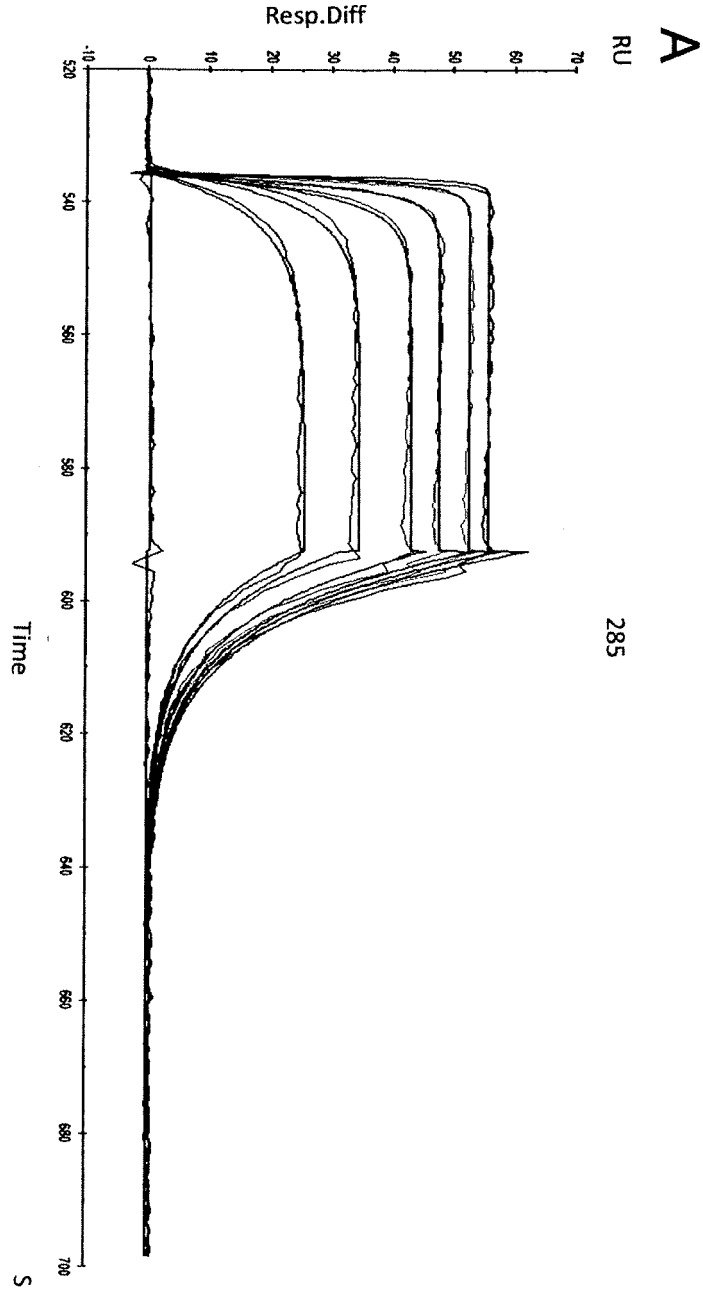
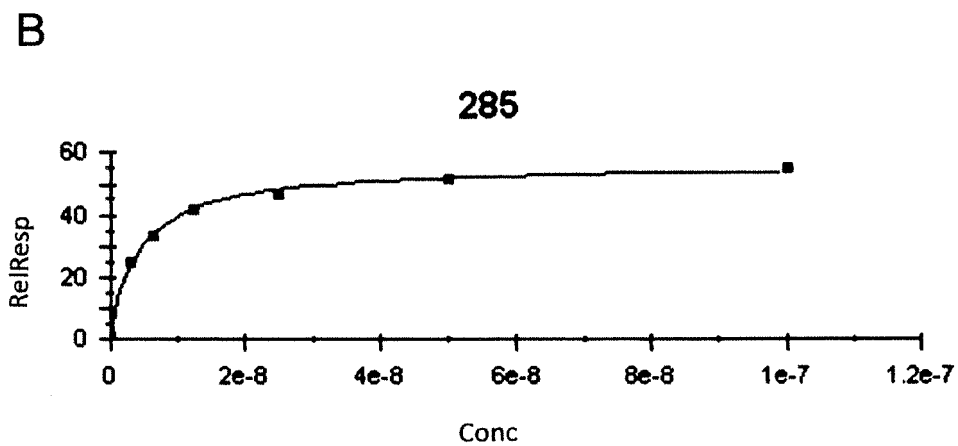


FIG 4



C

Name	KA(1/M)	KD(nM)	Rmax	Chi2
hlgG1-6004-085	2.33E+08	4.30	56.3	0.77

Fig 4 (continued)

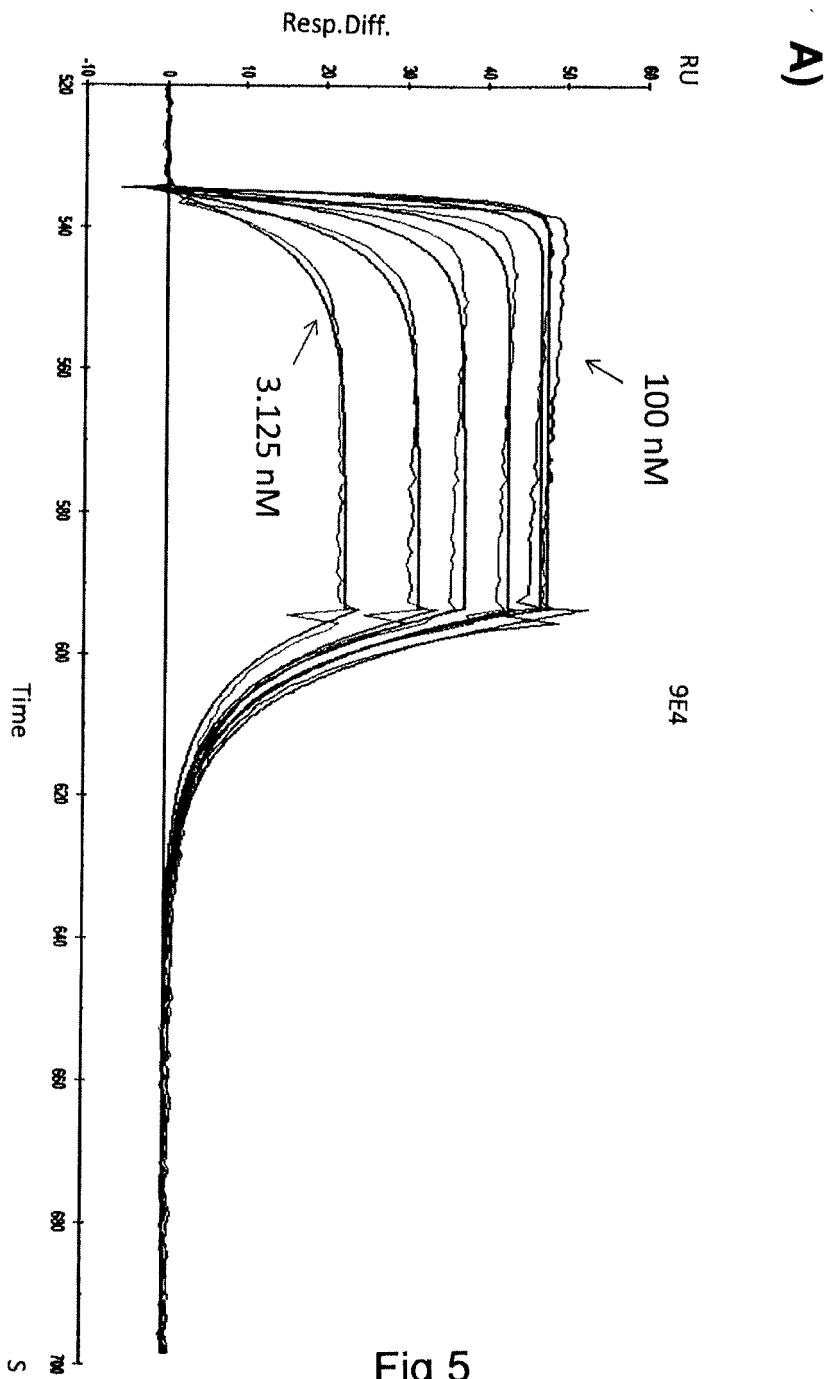
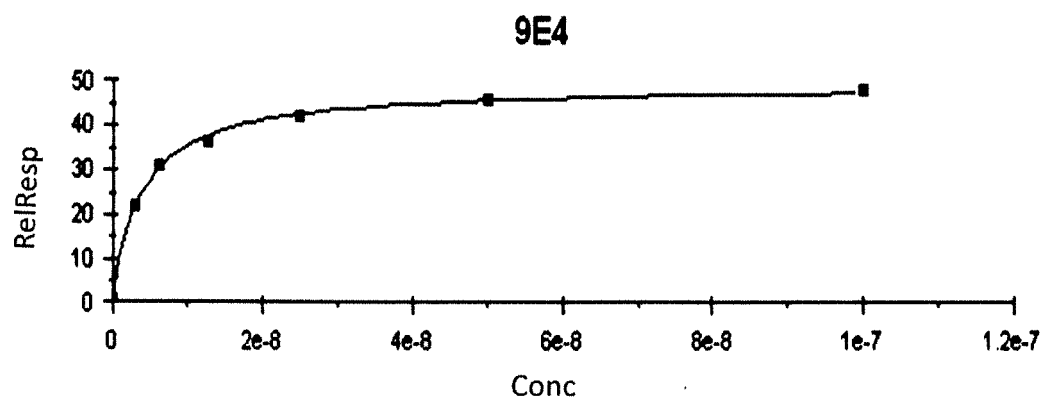


Fig 5

B)



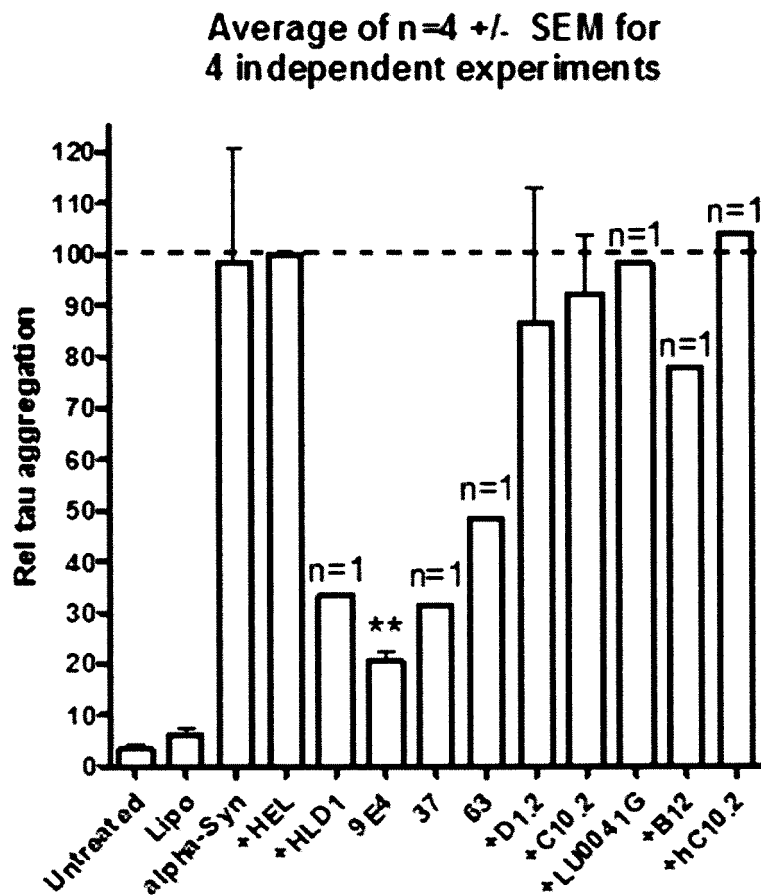
C)

Name	KA(1/M)	KD(nM)	Rmax	Chi2
hlgG1-9E4	2.58E+08	3.88	49.2	0.61

Fig 5 (continued)

Sample	ka (1/Ms)	kd (1/s)	KD (nM)	Rmax (RU)	Chi² (RU²)	U-value
GM37_wt , batch 2	7,01E+05	1,92E-02	27	1,4	0,0022	3
GM37_wt, batch 1	5,28E+05	1,48E-02	28	1,5	0,0024	2
GM37_Variant 1	6,34E+05	1,37E-02	22	1,5	0,0022	2
GM37_Variant 2	4,15E+05	1,24E-02	30	1,4	0,0021	3
GM37_Variant 3	5,77E+05	2,28E-02	40	1,5	0,0016	2
Isotype control			NB	NB		

FIG 7



Tau seeding assay

Seeding material:

Fibrillated recombinant alpha-synuclein

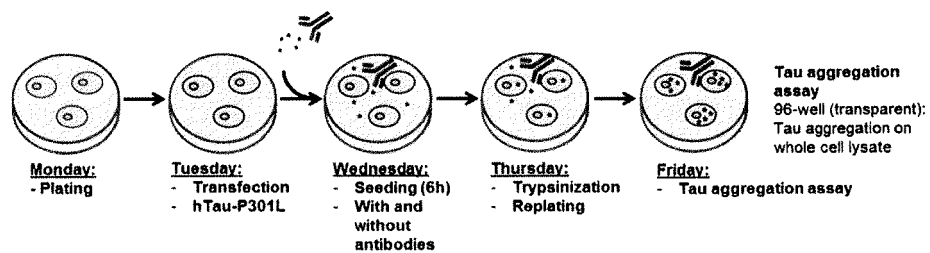


FIG 8

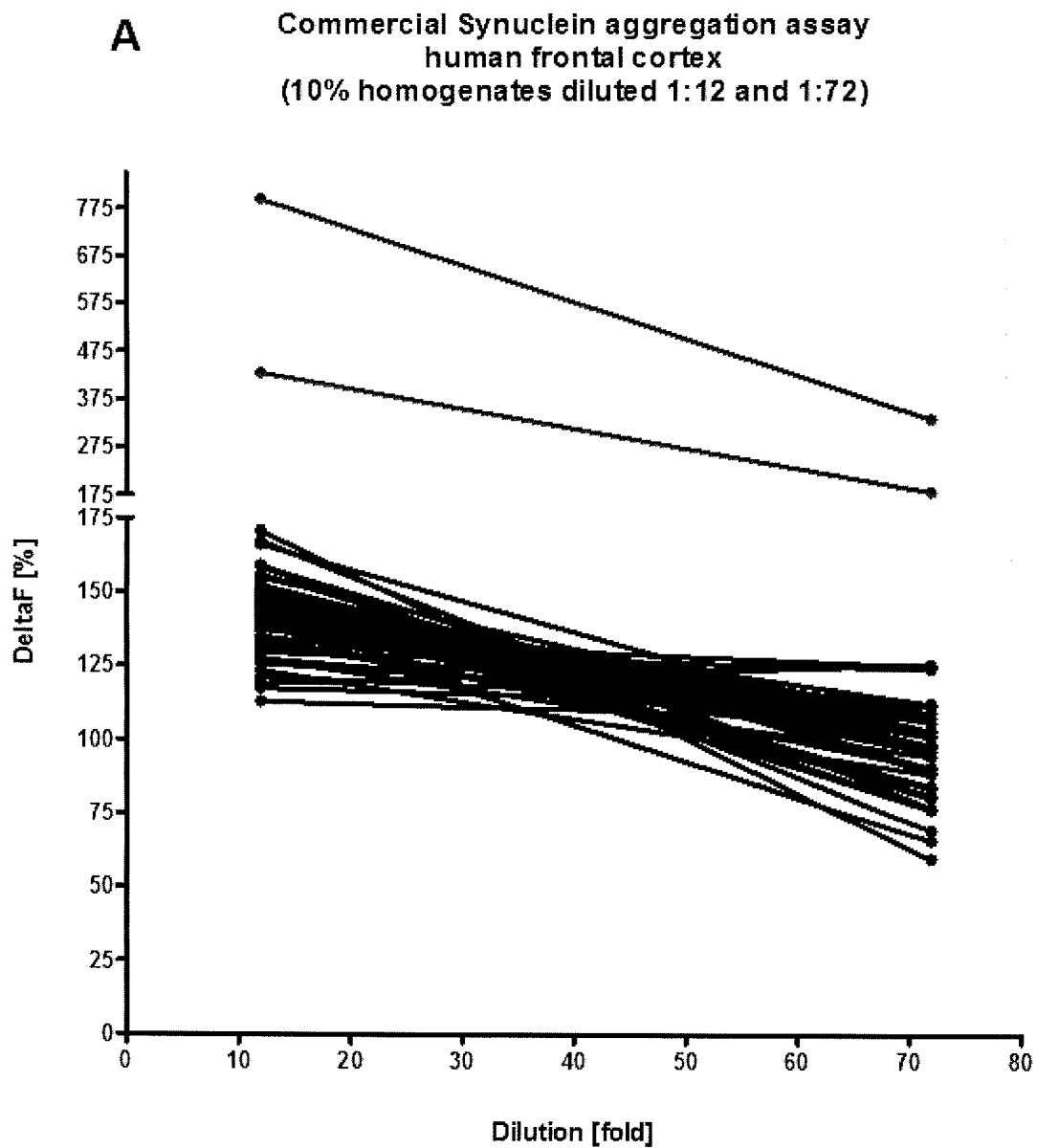
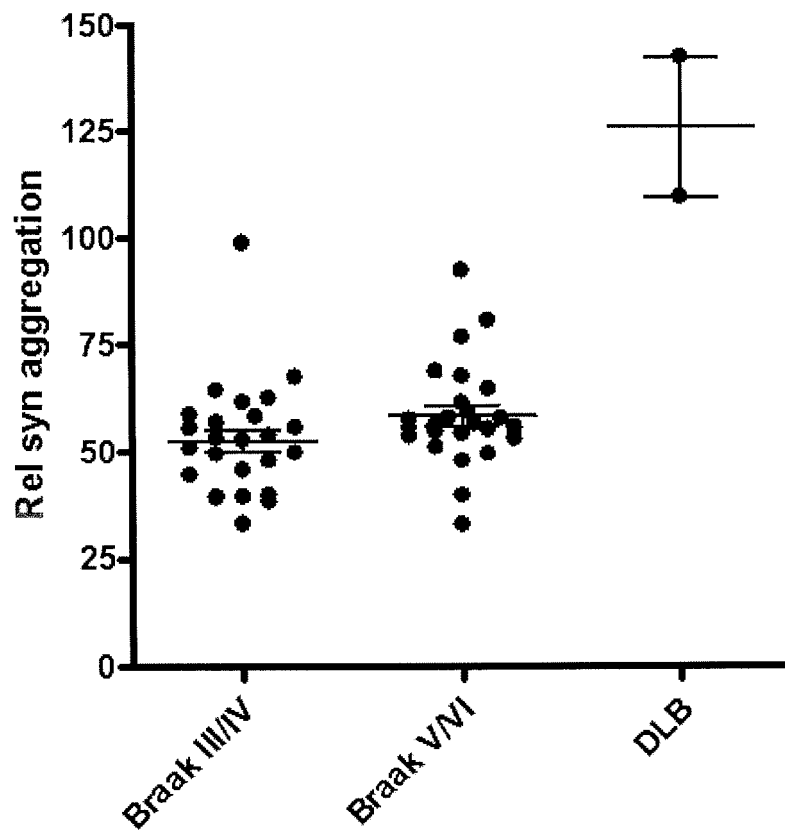


FIG 9A

B

**Commercial Synuclein aggregation assay
run on human frontal cortex
(10% homogenates diluted 1:12)**

**FIG 9B**

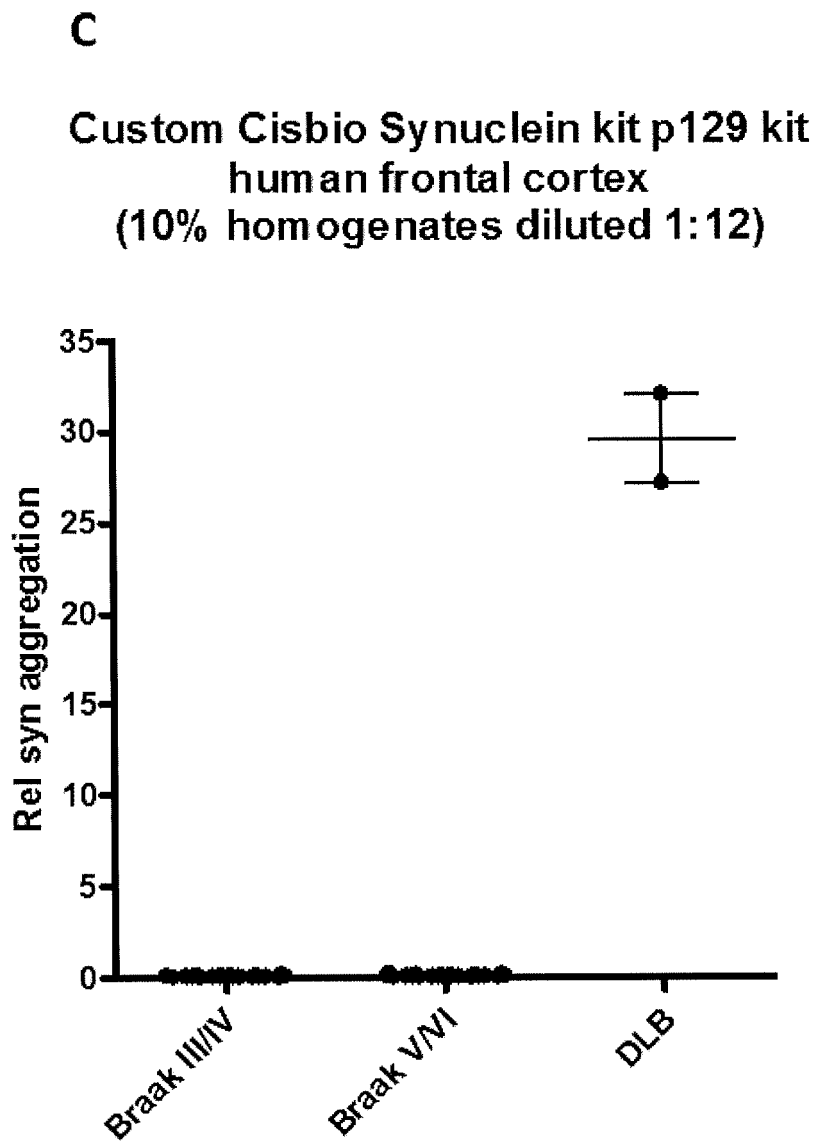


FIG 9C