

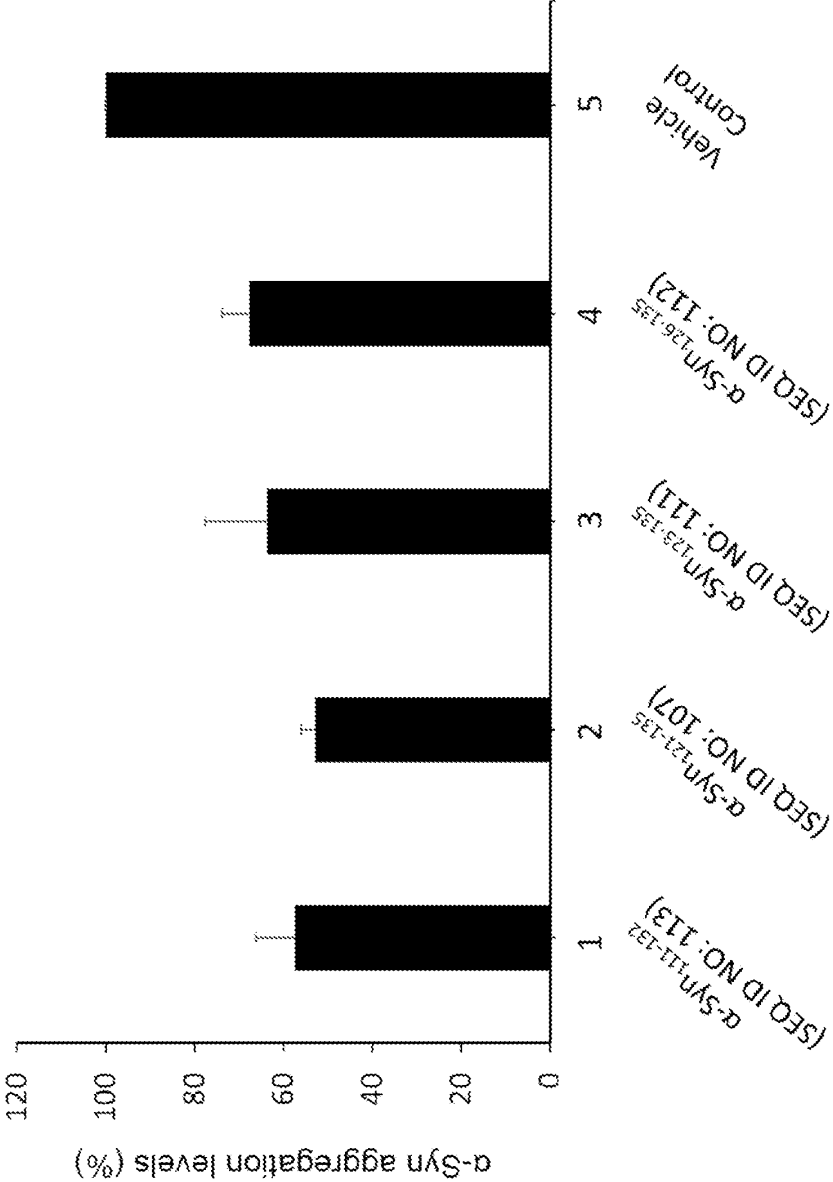


Figure 1

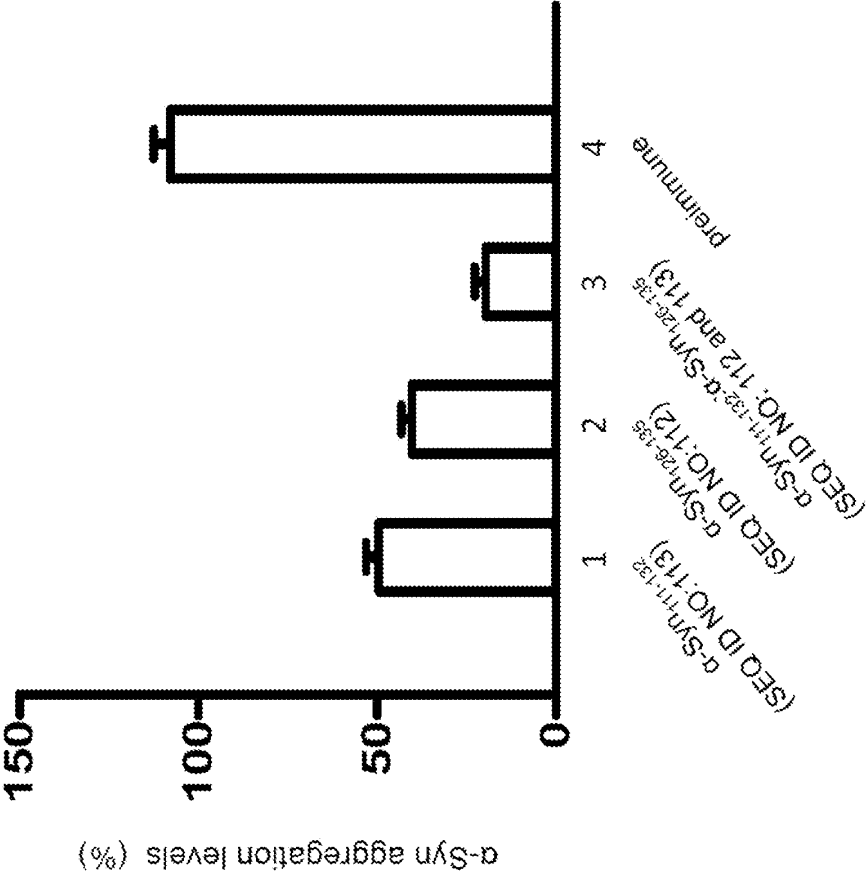


Figure 2

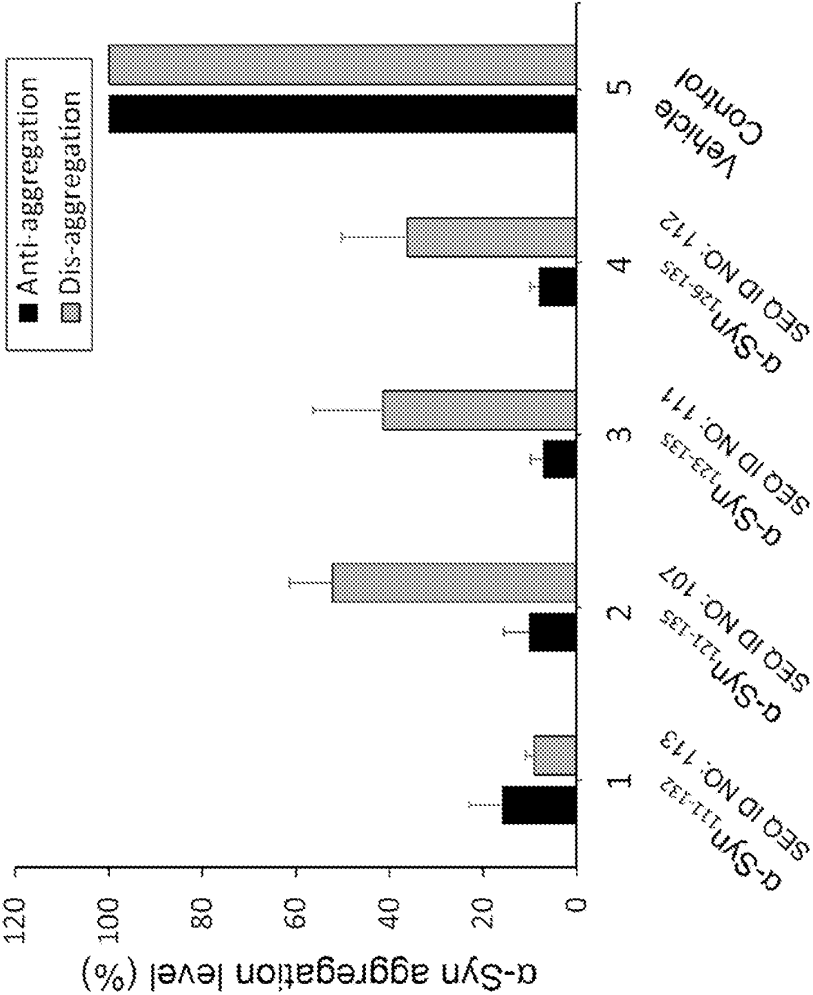


Figure 3

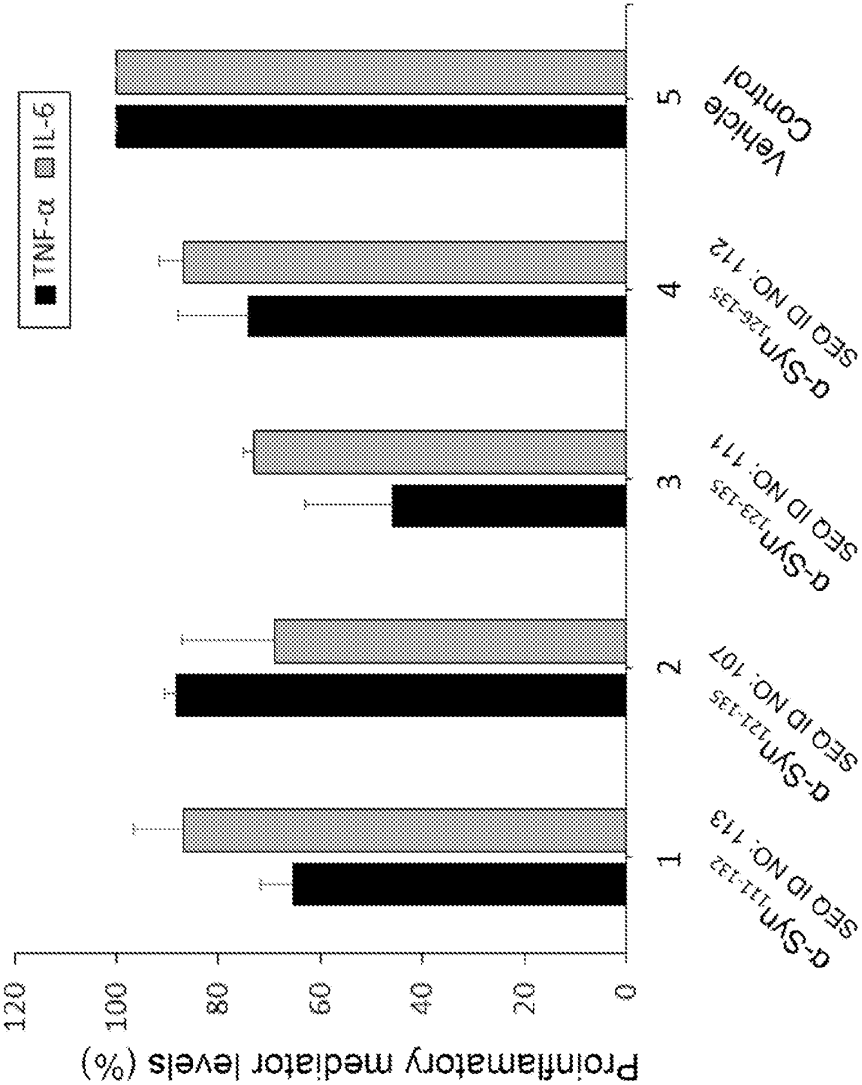


Figure 4

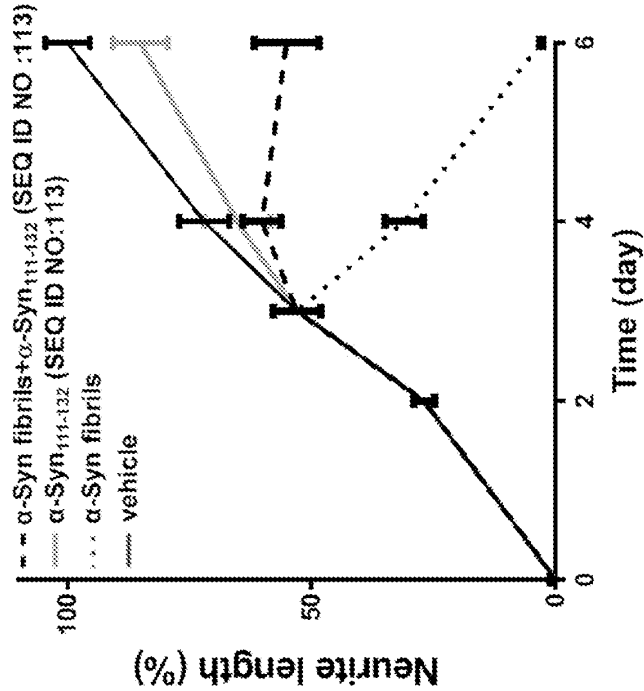


Figure 5B

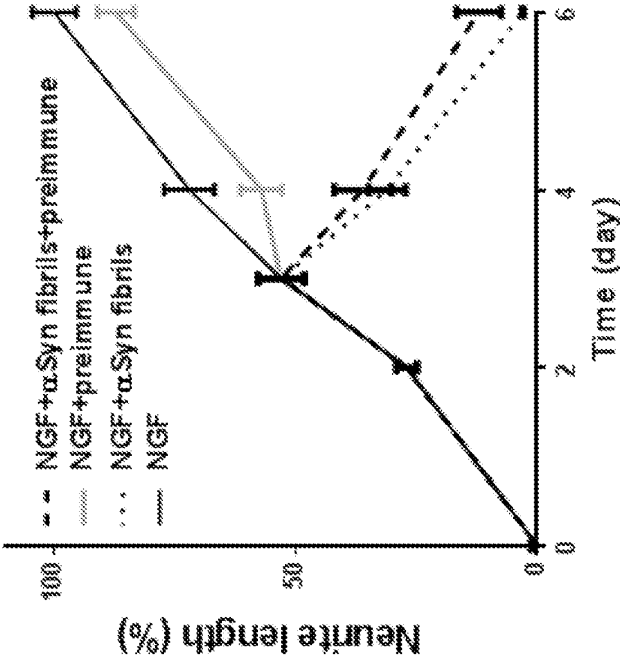


Figure 5A

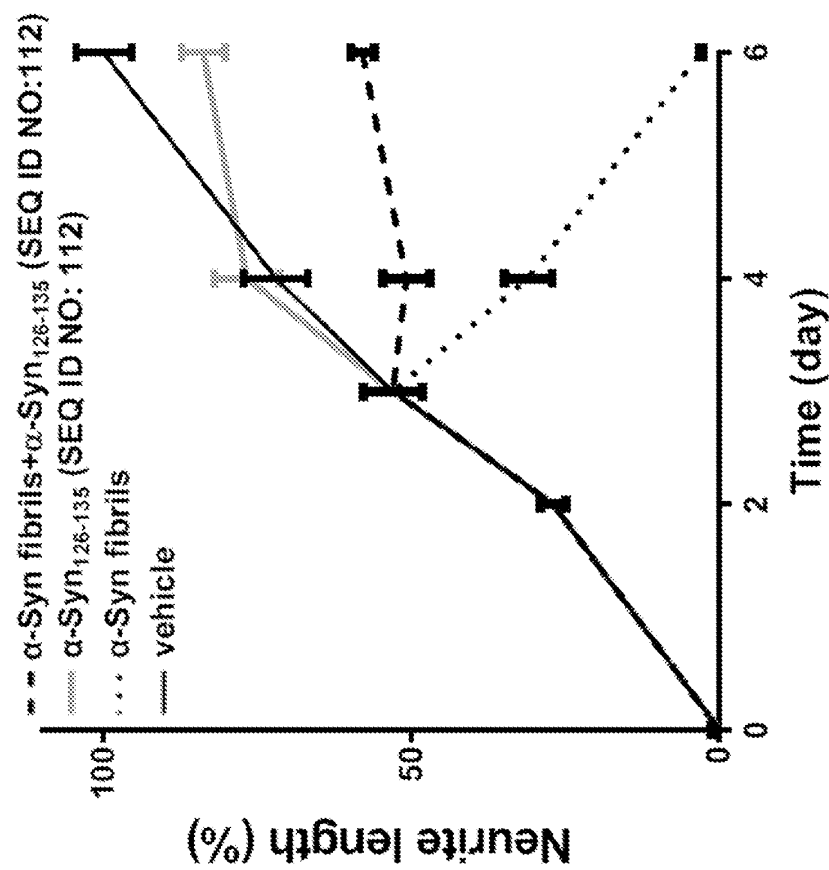


Figure 5C

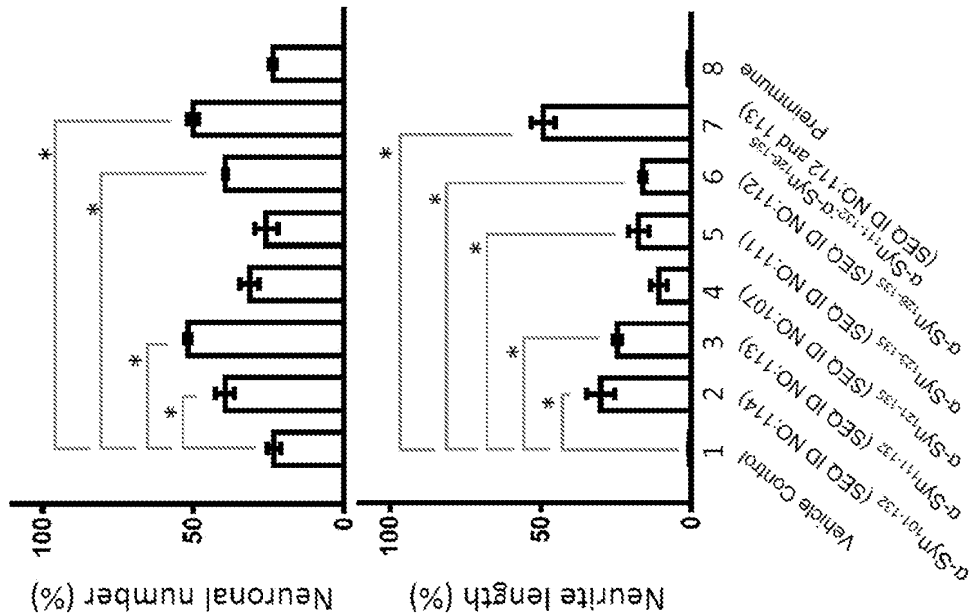


Figure 6A

Figure 6B

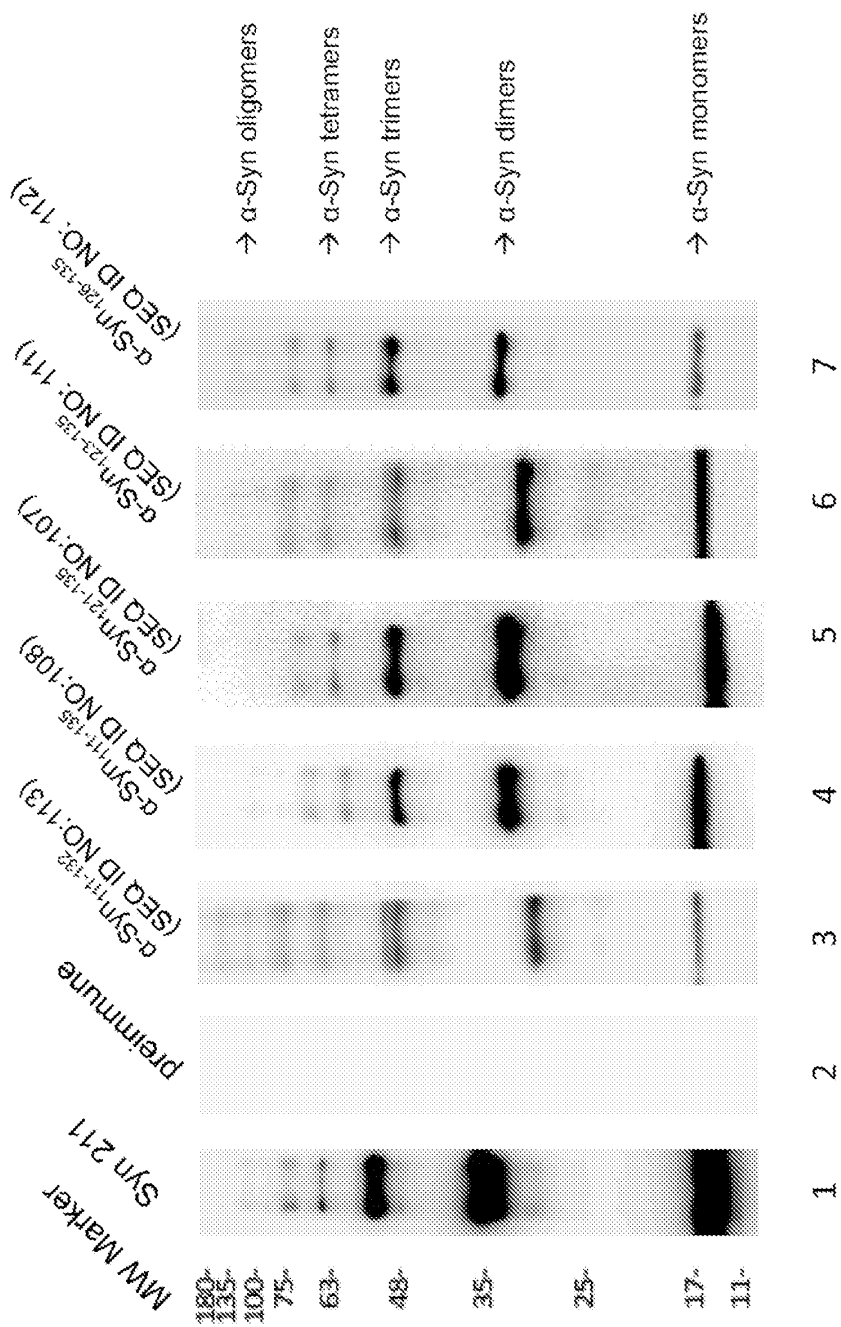


Figure 7A

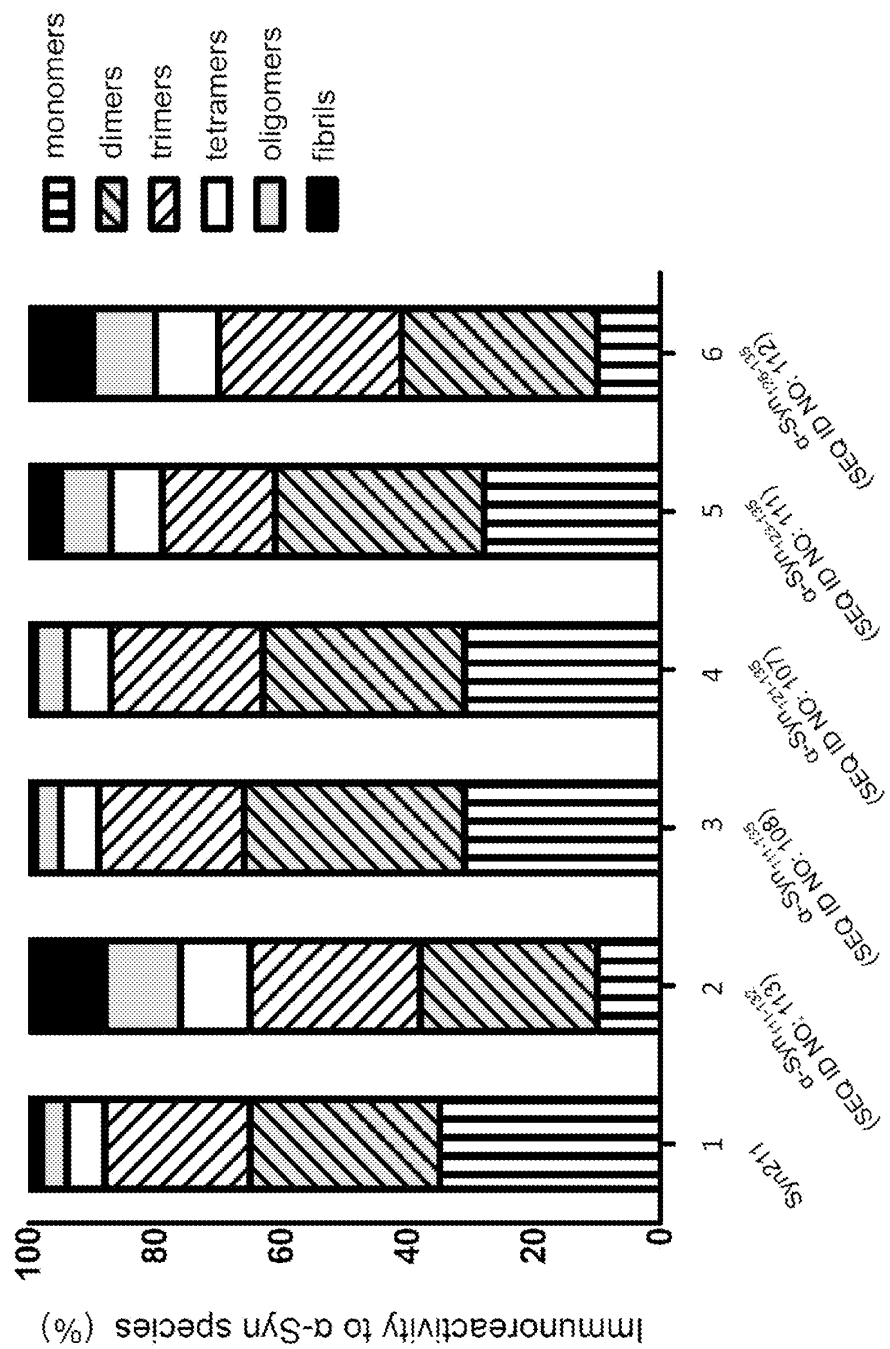


Figure 7B

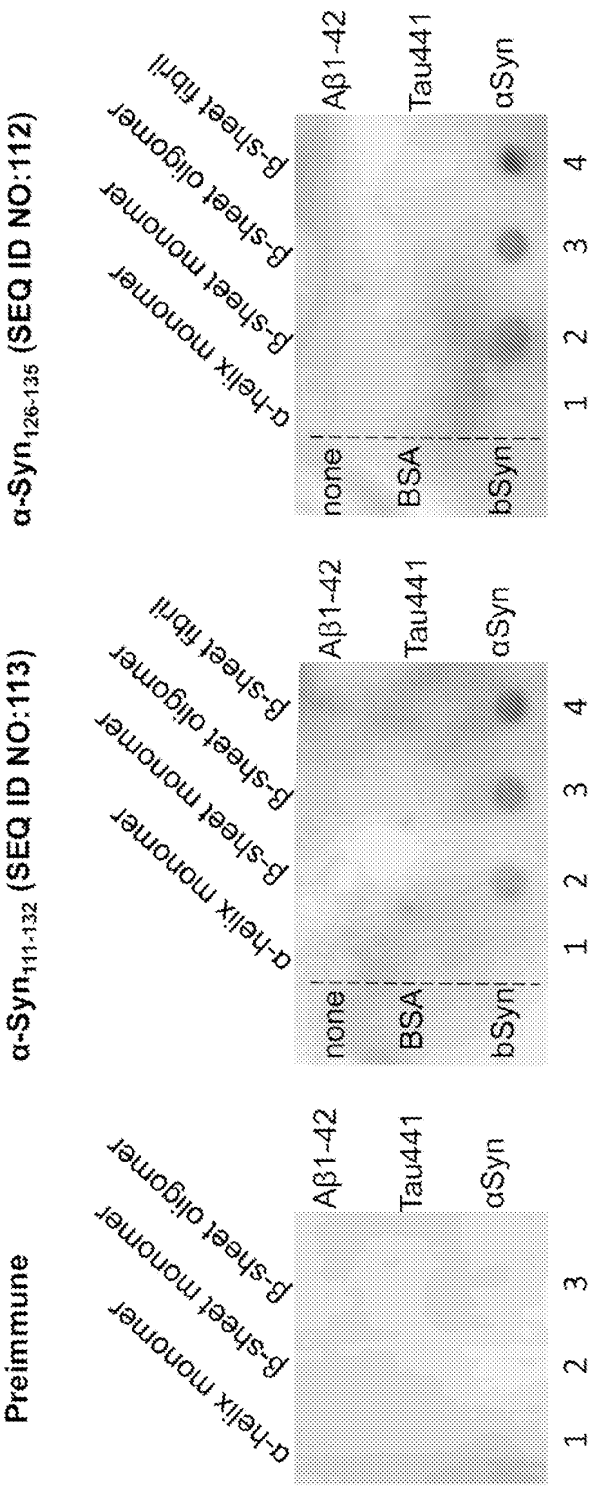


Figure 8A

Figure 8B

Figure 8C

Epitope	IgG binding affinity within parietal PC12 cells	IgG binding affinity to mock-controlled PC12 cells	IgG binding affinity to wild-type α -Syn-overexpressing PC12 cells	IgG binding affinity to A53T mutated α -Syn-overexpressing PC12 cells
α -Syn ₁₁₁₋₁₃₂ (SEQ ID NO:113)	+	+	++	++
α -Syn ₁₂₁₋₁₃₅ (SEQ ID NO:107)	+	+	++	++
α -Syn ₁₂₆₋₁₃₅ (SEQ ID NO:112)	+	+	++	++
Preimmune	-	-	-	-

Figure 9

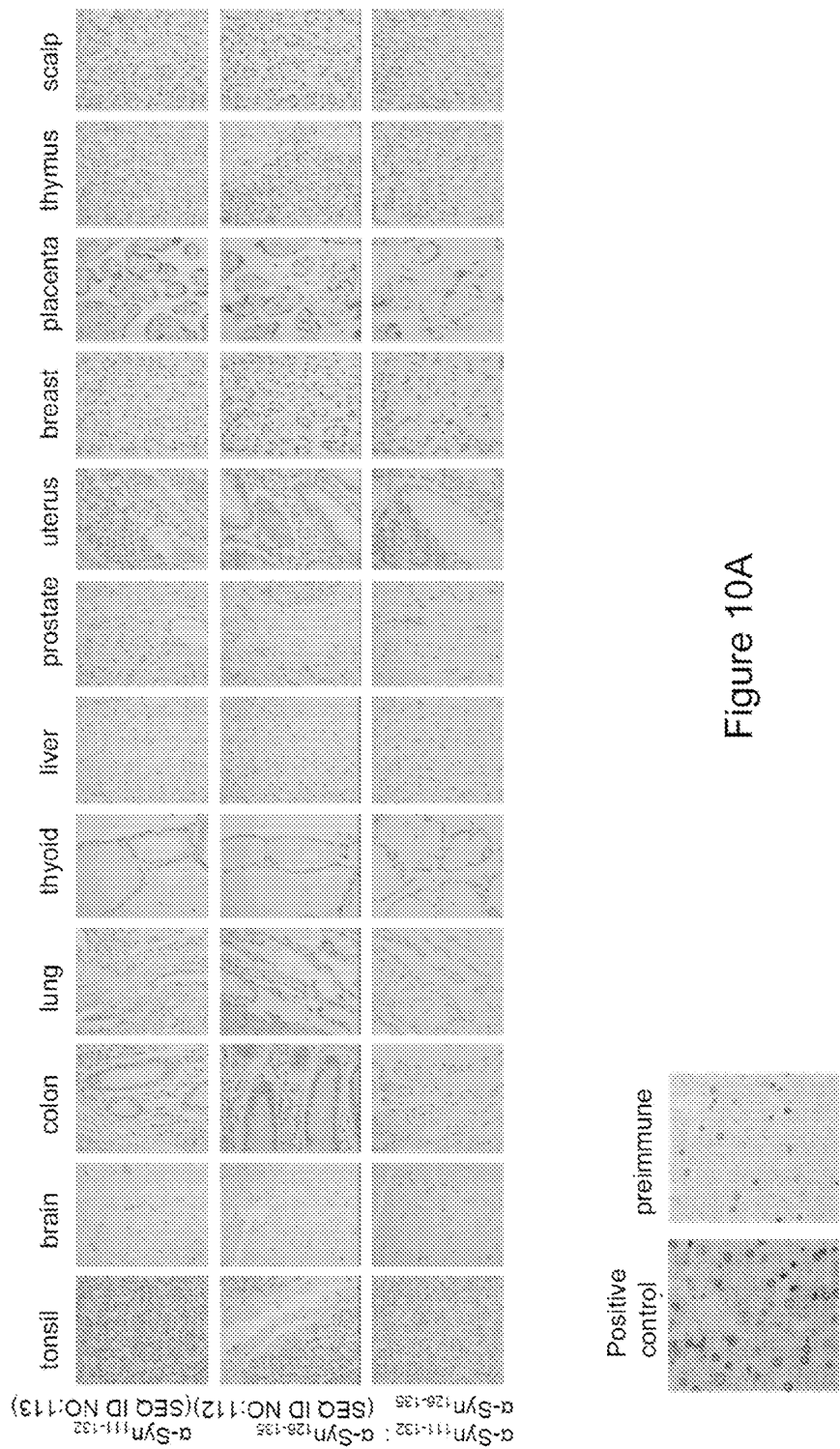


Figure 10A

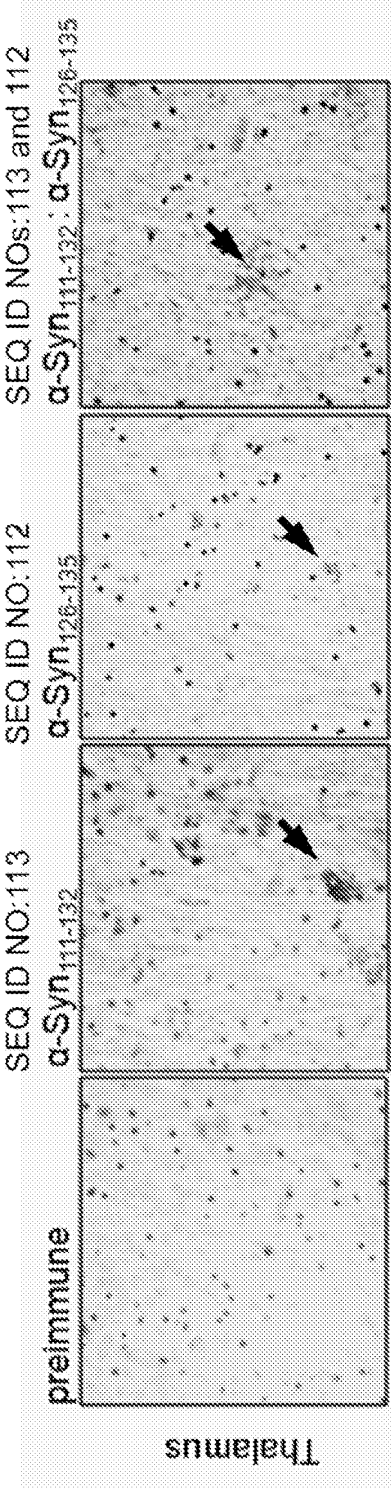


Figure 10B

	3-3'diaminobenzidine (DAB) -positive signal count (number)		
	brain slide	healthy subject	PD subject
Preimmune	cerebellum	1	2
	corpus callosum	1	3
	thalamus	2	1
α -Syn ₁₁₁₋₁₃₂ (SEQ ID NO:113)	cerebellum	1	45
	corpus callosum	0	22
	thalamus	1	1156
α -Syn ₁₂₆₋₁₃₅ (SEQ ID NO:112)	cerebellum	1	11
	corpus callosum	1	34
	thalamus	0	546
α -Syn ₁₁₁₋₁₃₂ + α -Syn ₁₂₆₋₁₃₅ (SEQ ID NO:113 and 112)	cerebellum	0	7
	corpus callosum	1	17
	thalamus	1	218

Figure 10C

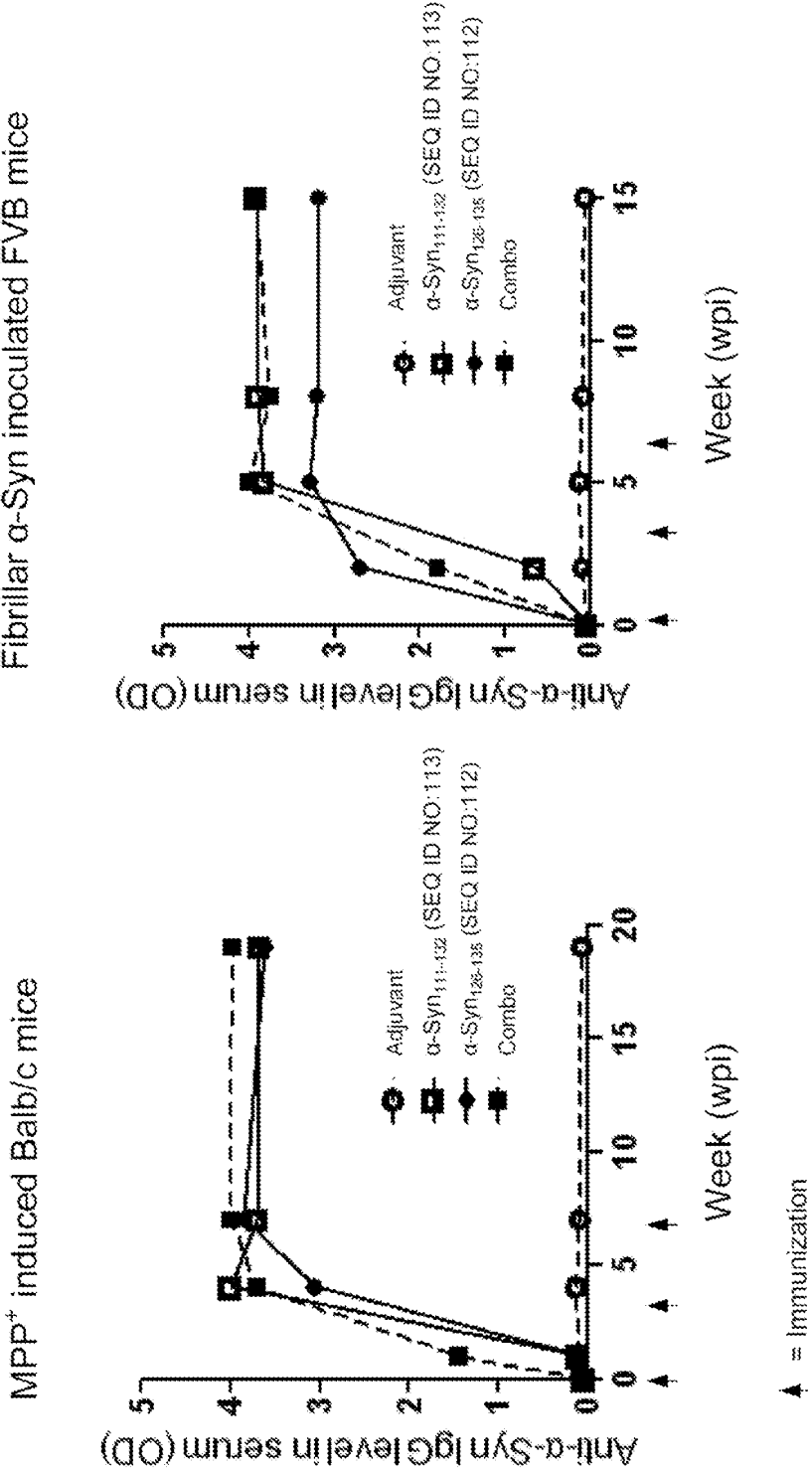


Figure 11B

Figure 11A

Fibrillar α -Syn inoculated FVB mice

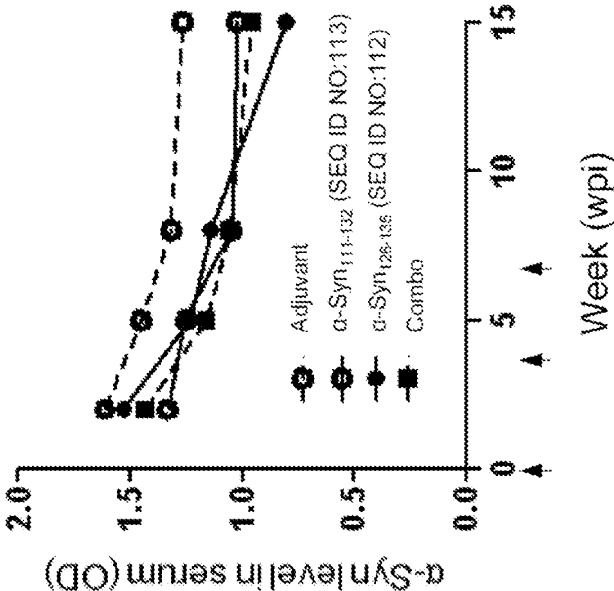


Figure 12B

MPP⁺ induced Balb/c mice

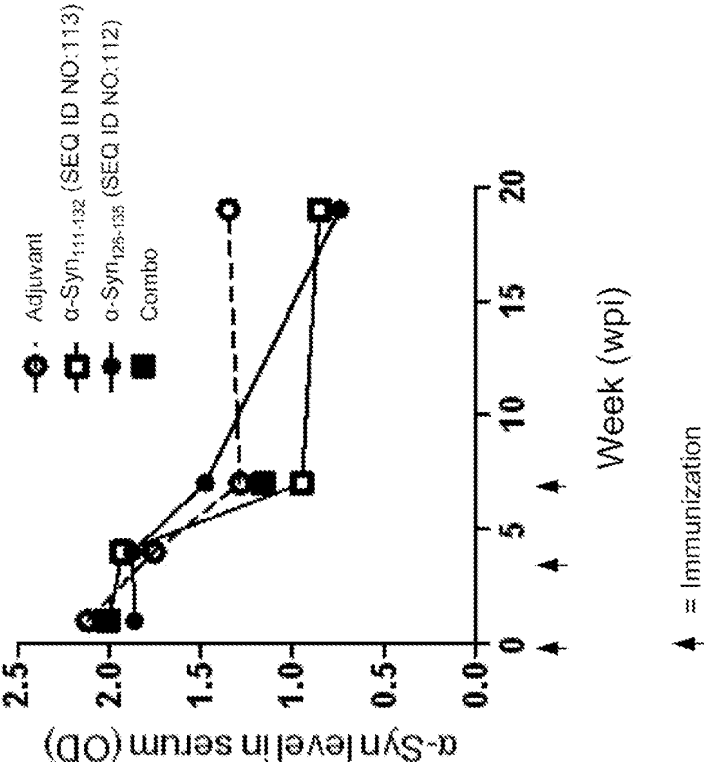


Figure 12A

Figure 13A

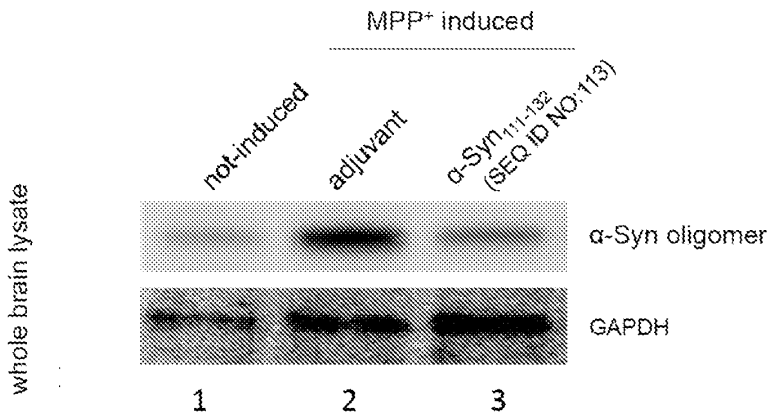
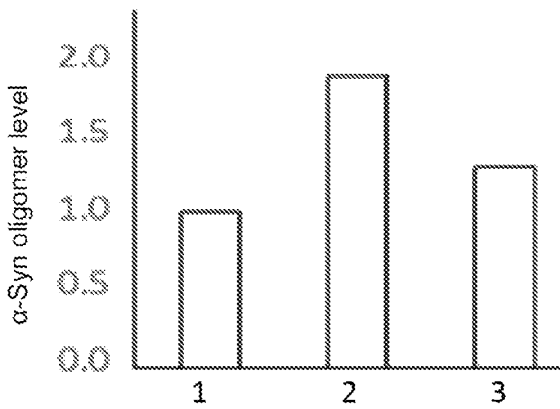
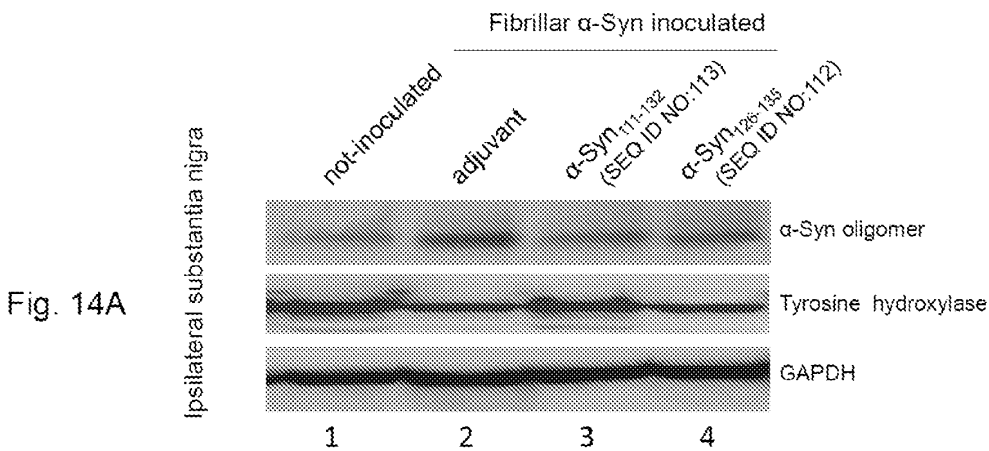
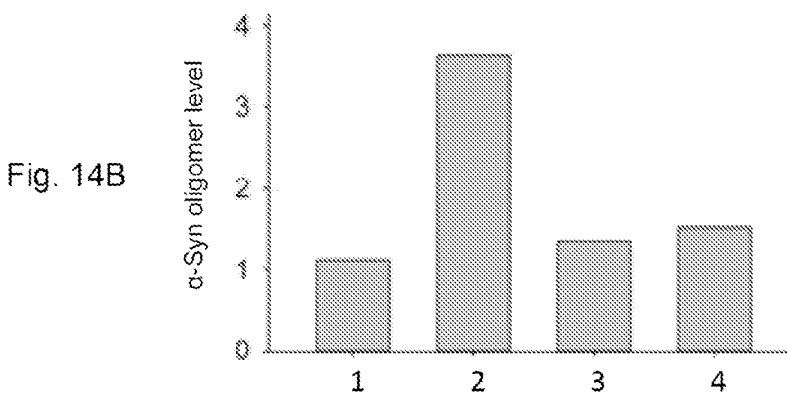
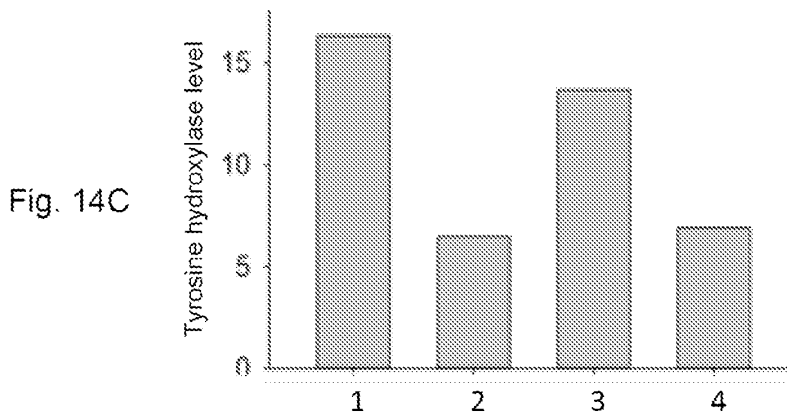
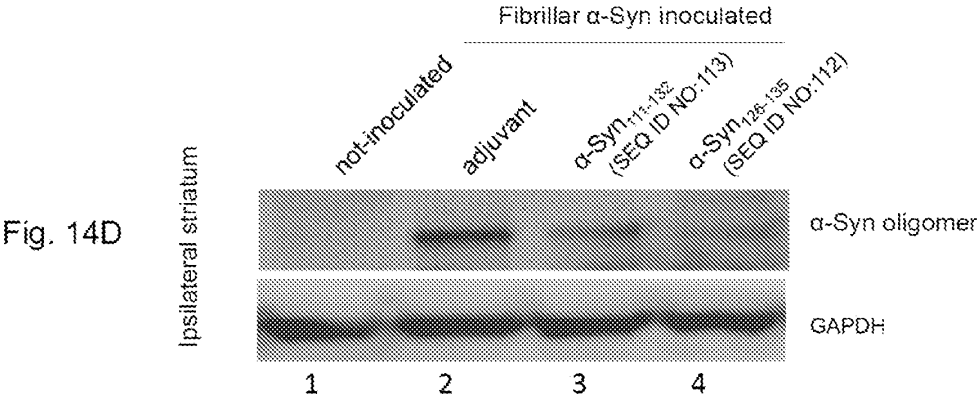
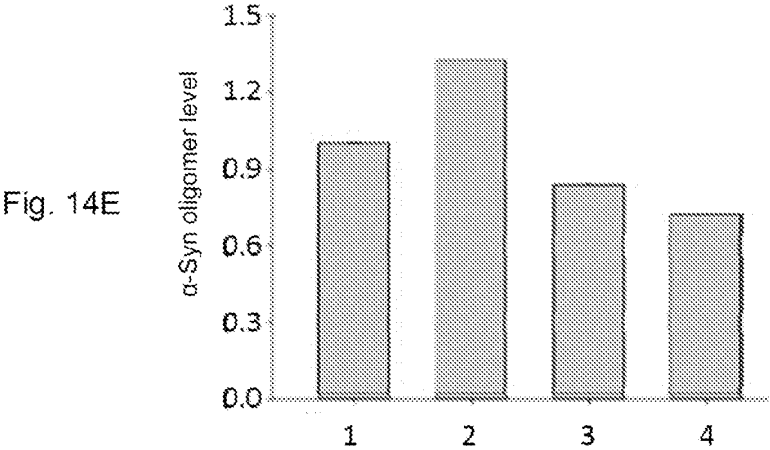


Figure 13B







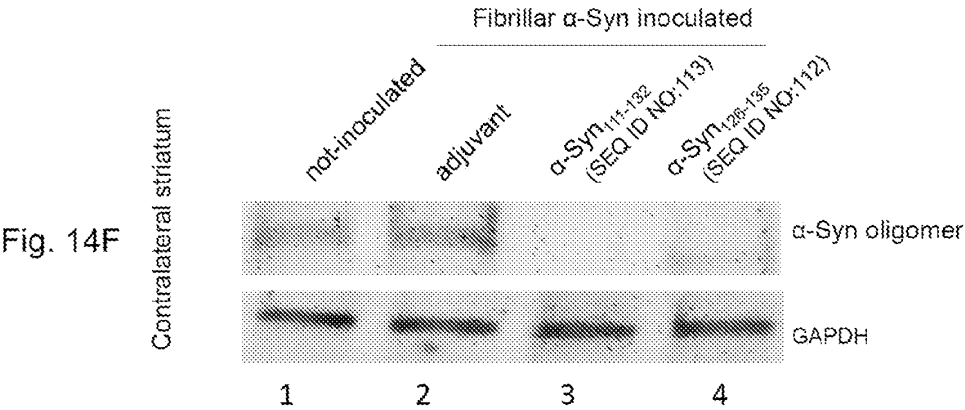
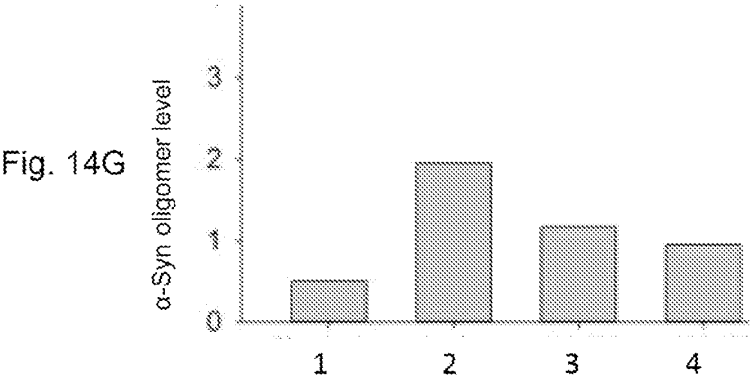


Figure 15A

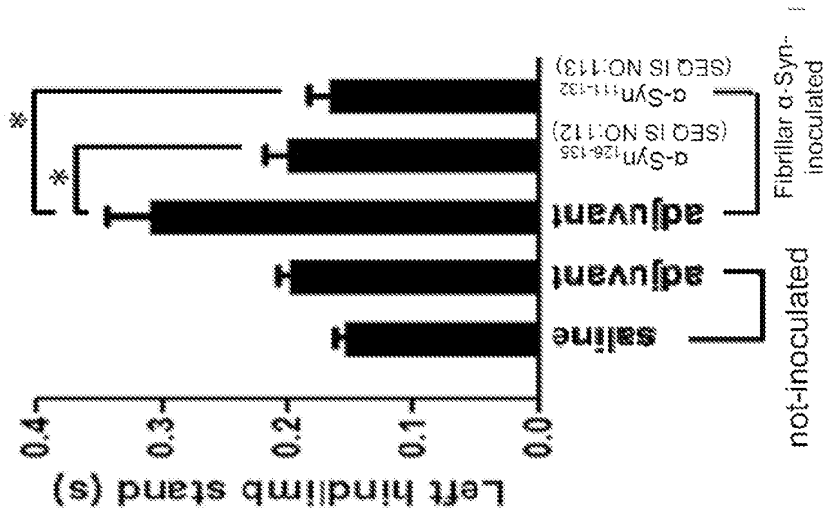


Figure 15B

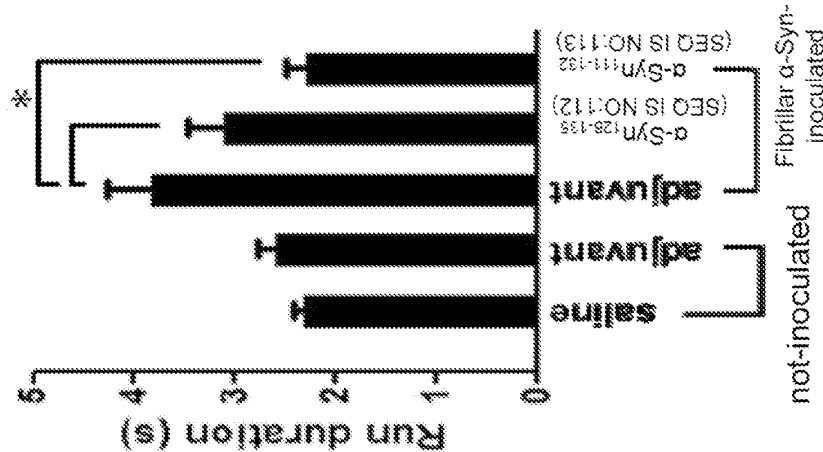


Figure 15C

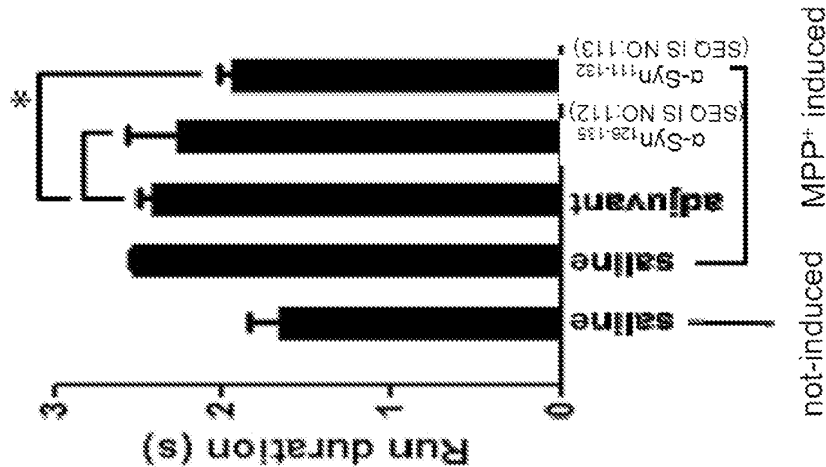
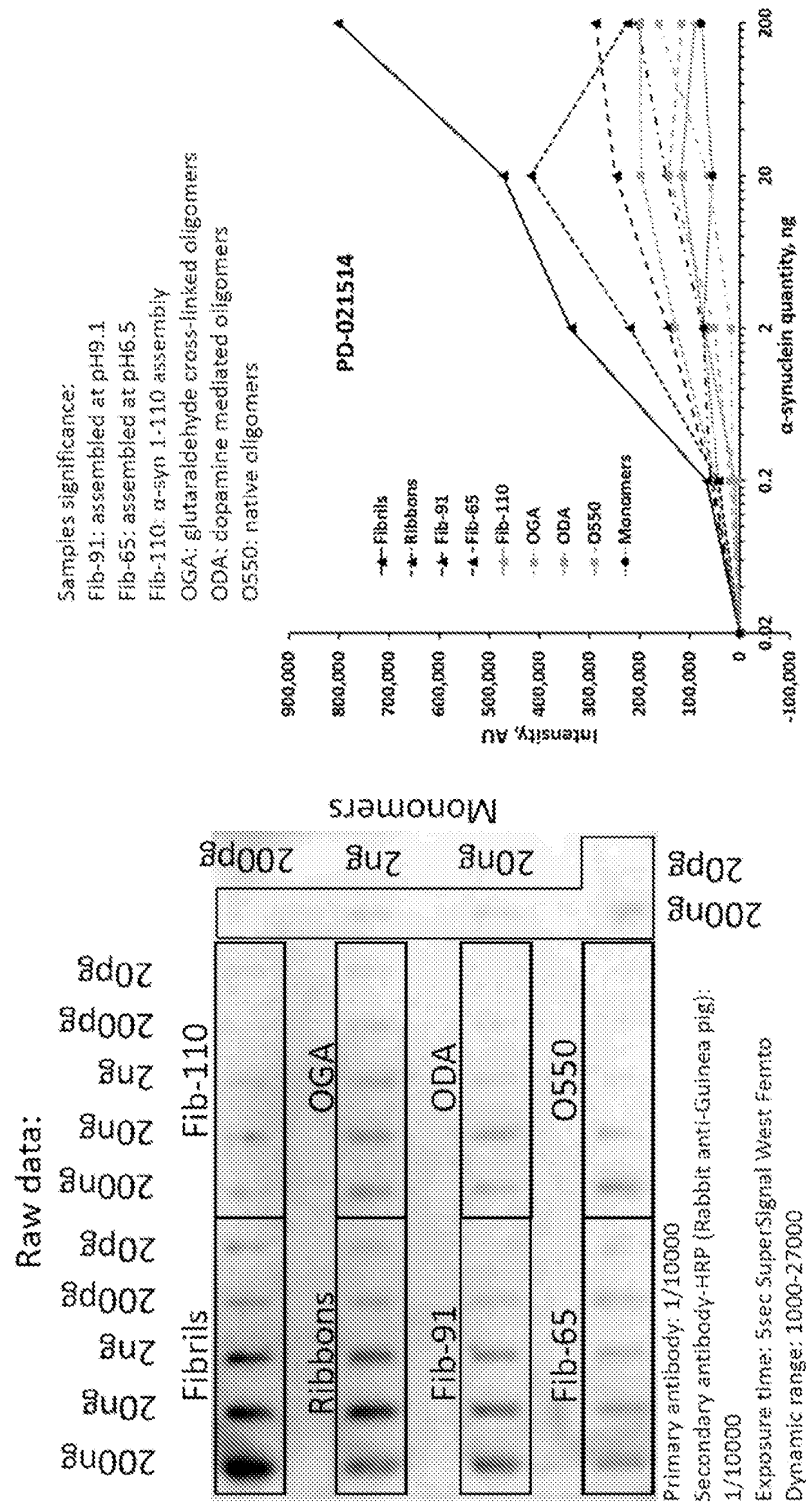


Figure 16A



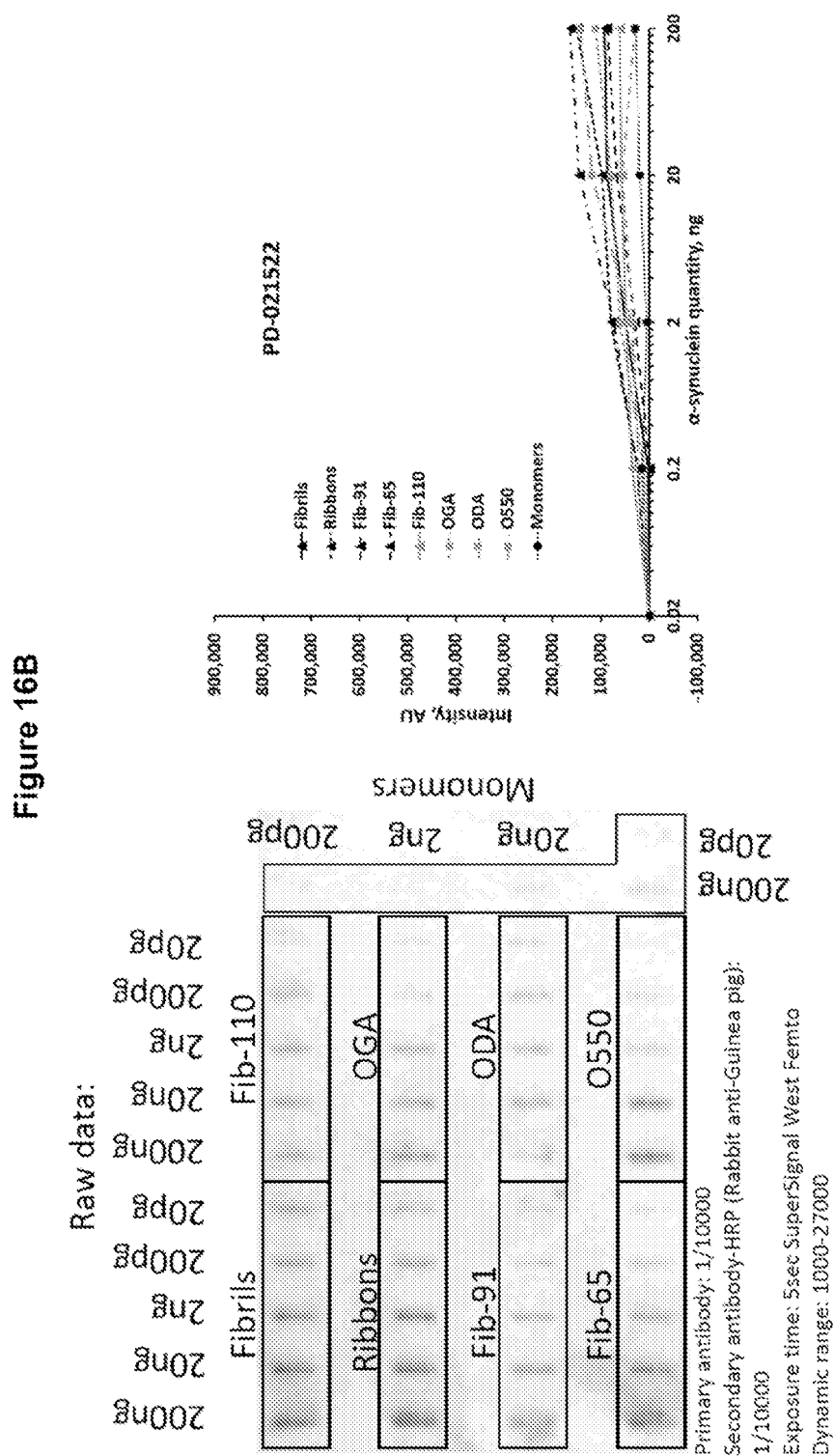
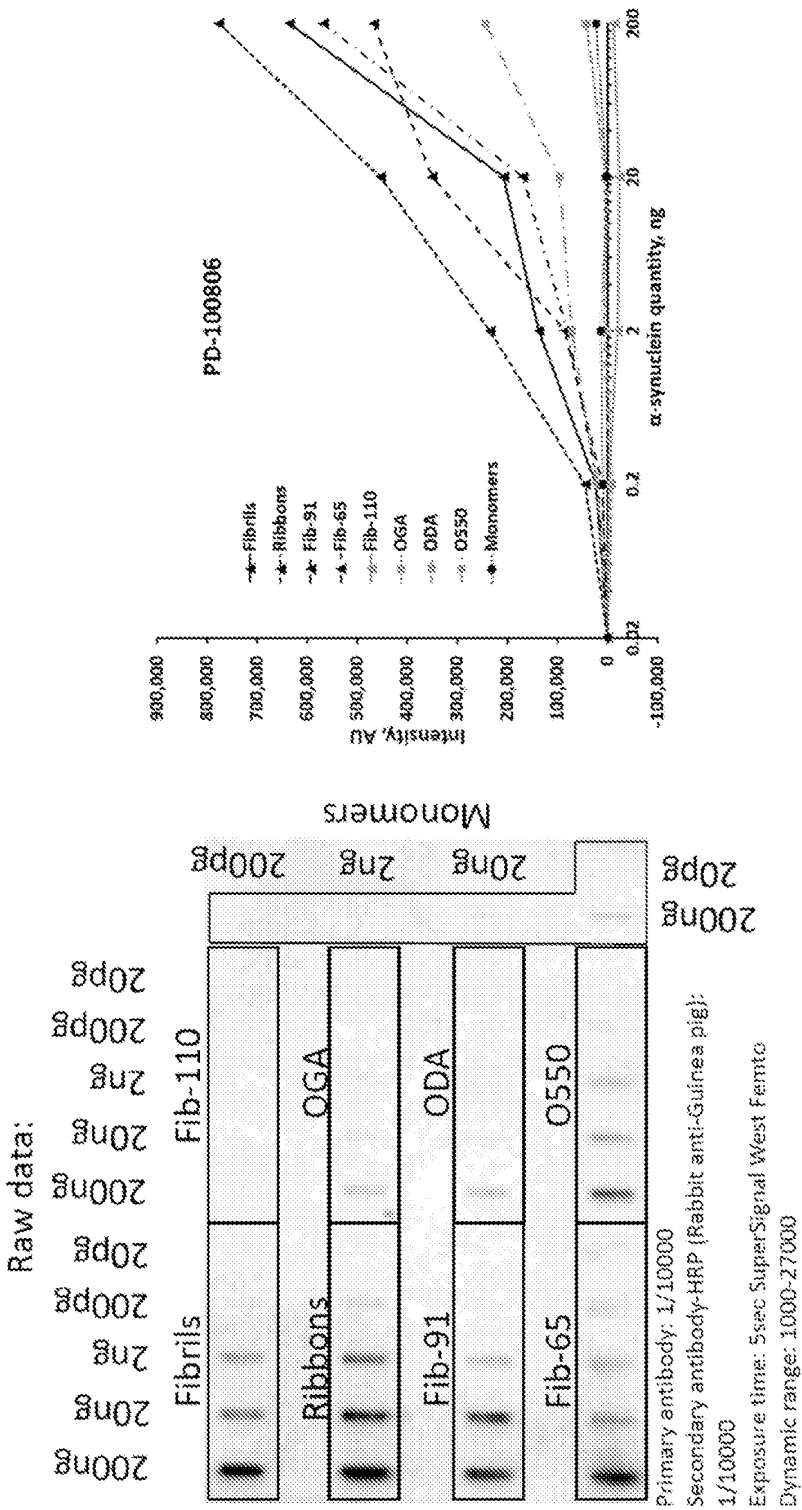


Figure 16C



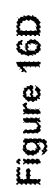
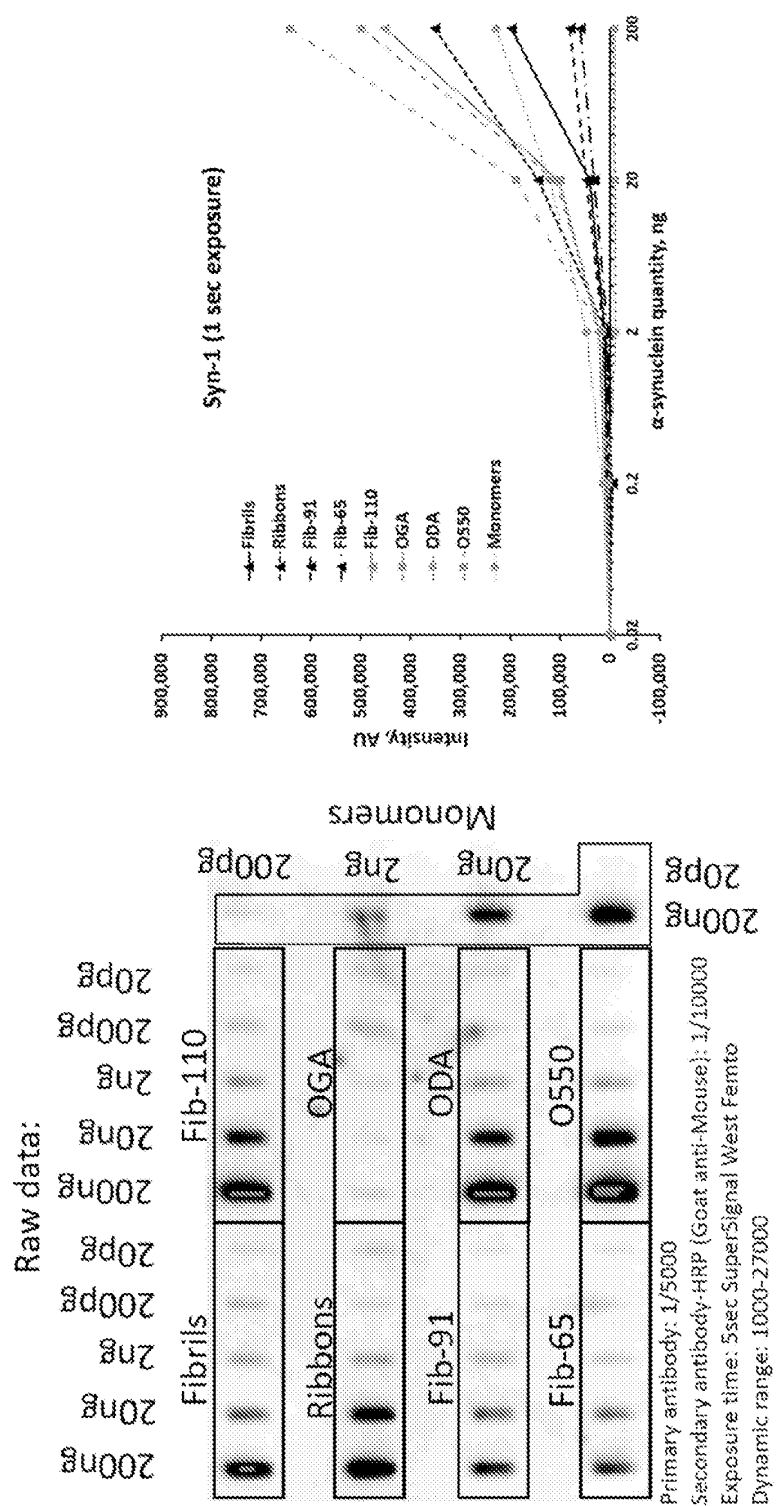


Figure 16E

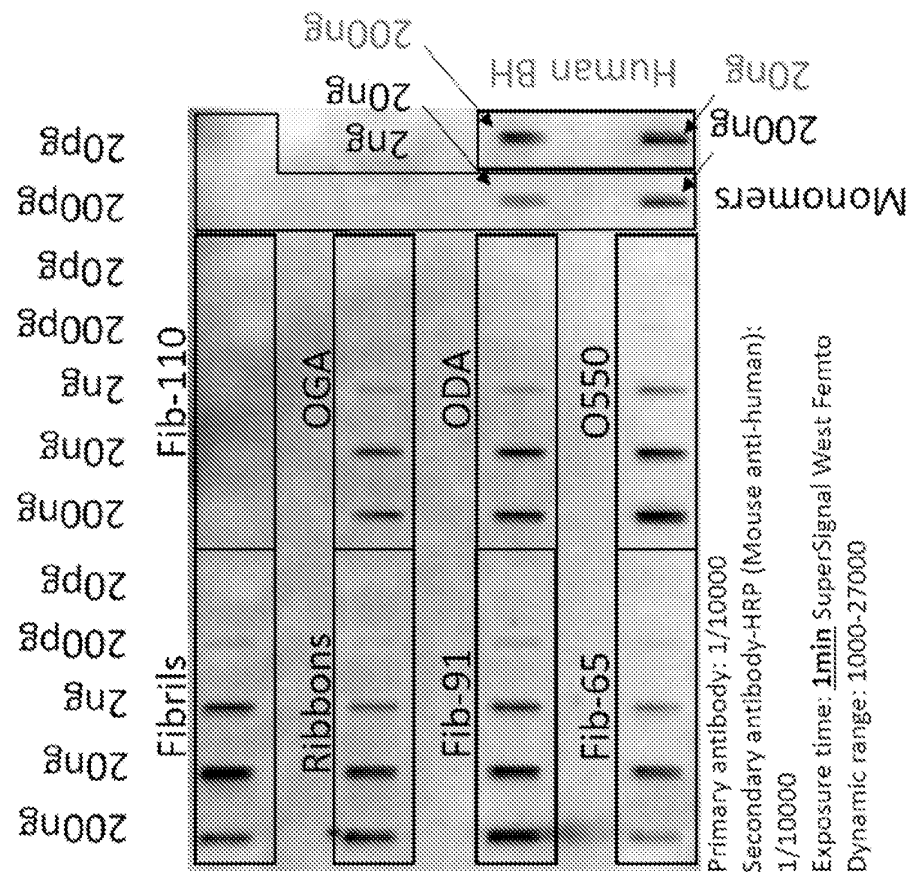
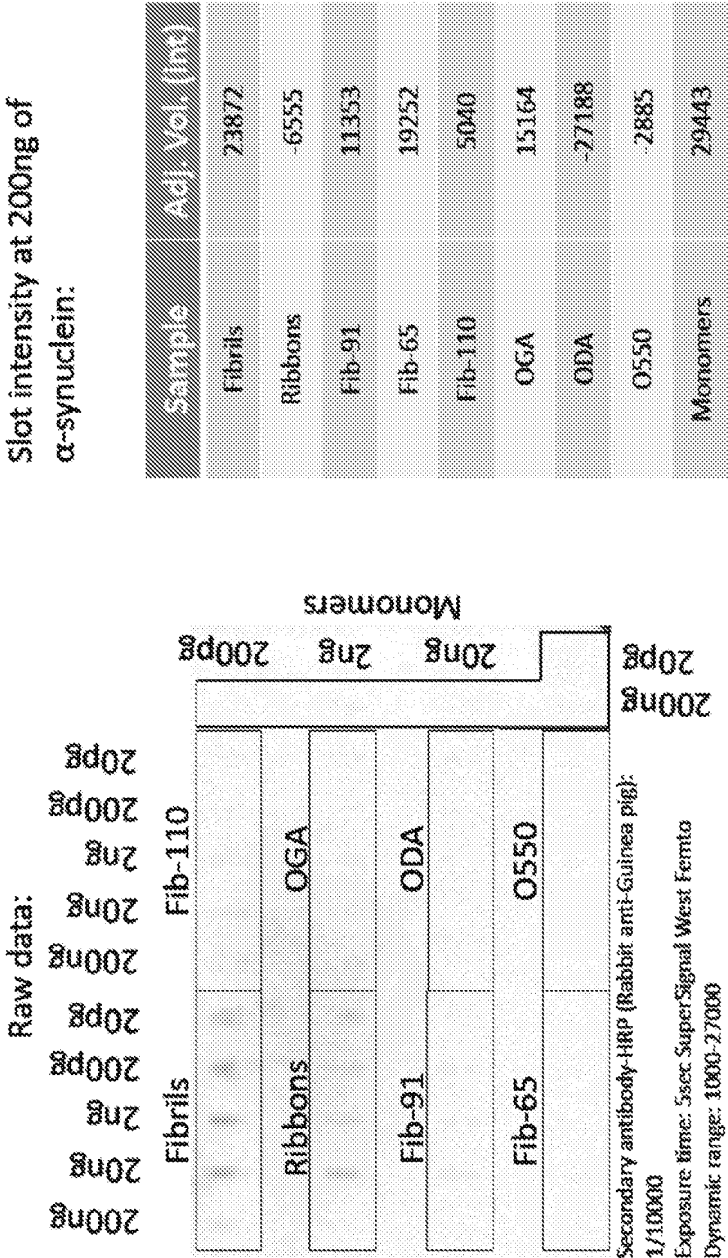


Figure 16F

Rabbit anti-Guinea pig IgG (H+L) secondary antibody-HRP conjugate alone



Control for background of antibodies generated in Guinea pig.

Figure 16G

Goat anti-Mouse IgG (H+L) secondary antibody-HRP conjugate alone

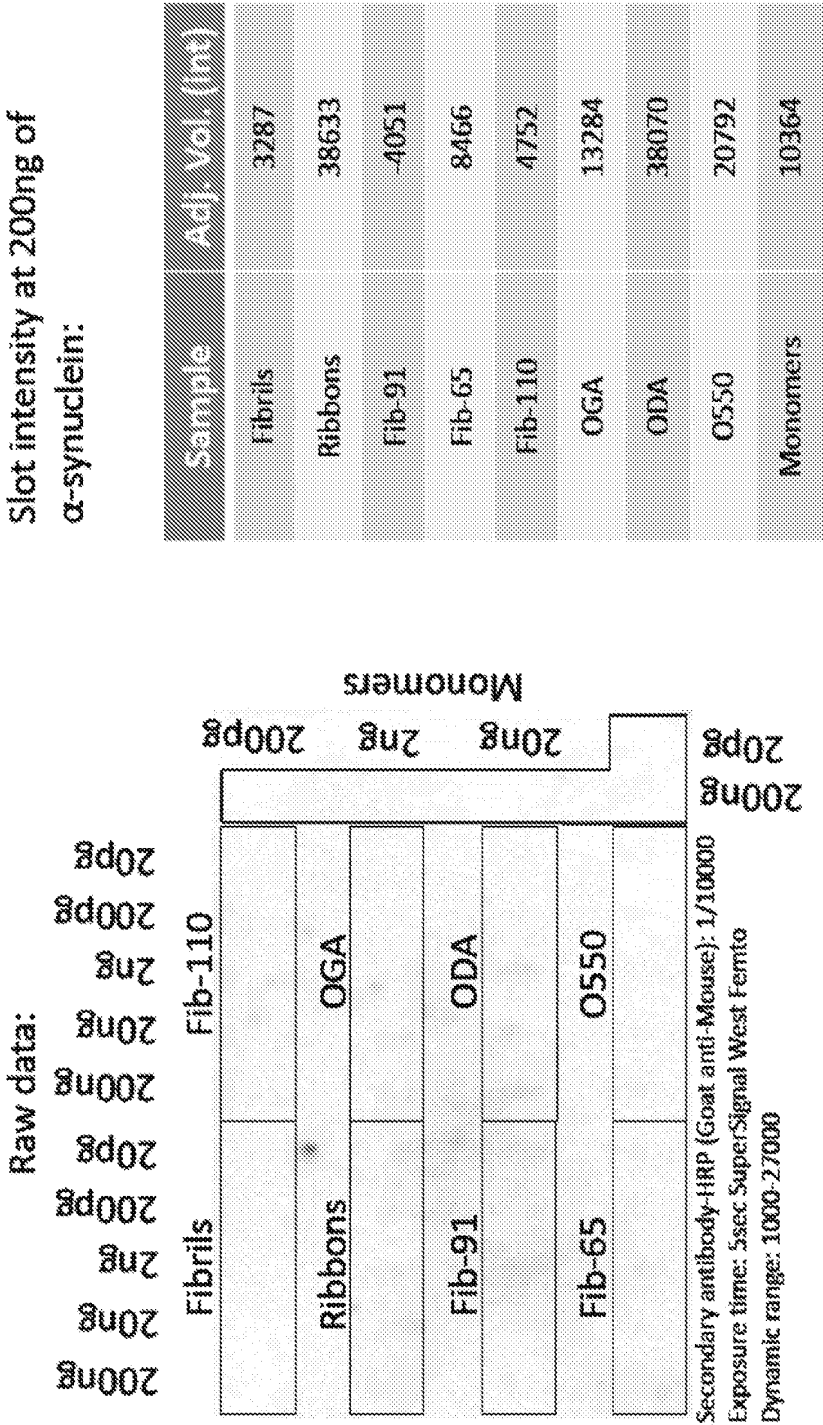


Figure 17A

DLB - Basal Ganglia

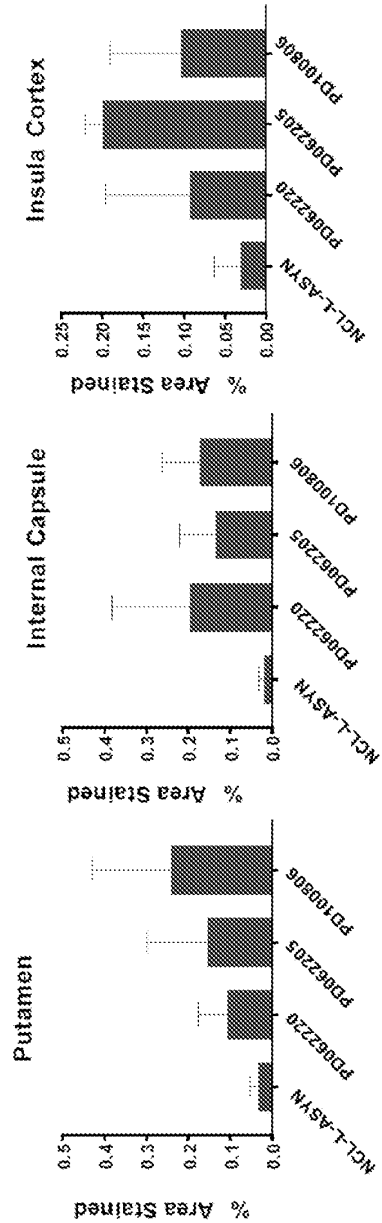


Figure 17B

Figure 17D

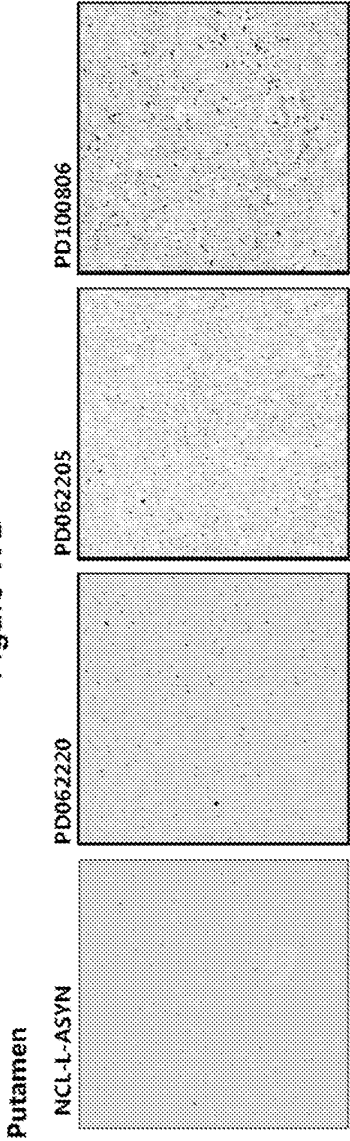


Figure 18A

PD - Basal Ganglia

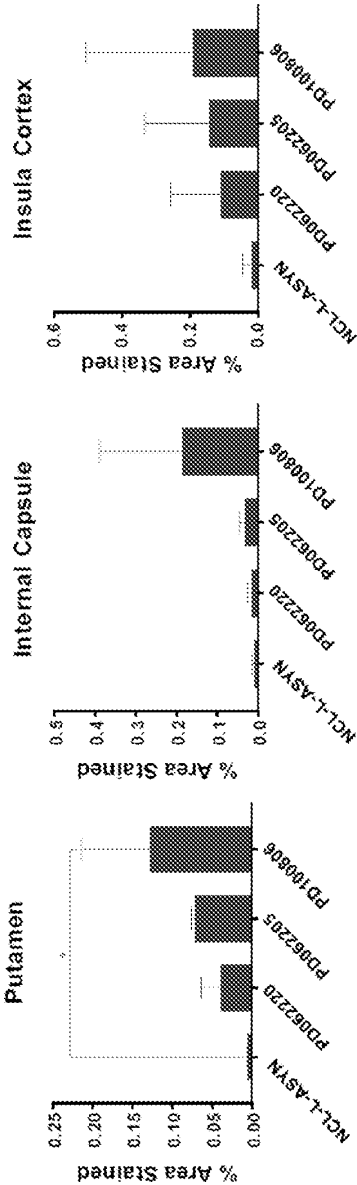


Figure 18B

Figure 18C

Figure 18D

Putamen

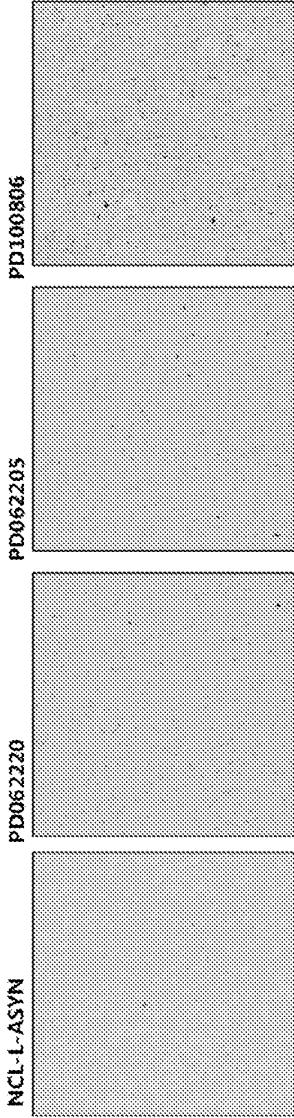


Figure 19A

MSA - Basal Ganglia

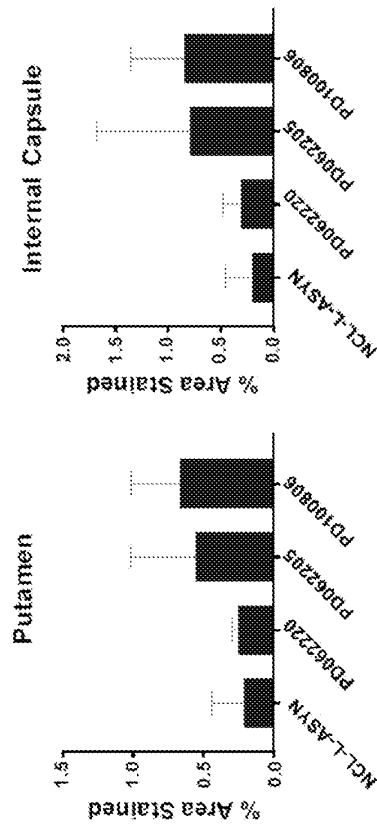


Figure 19B

Figure 19C

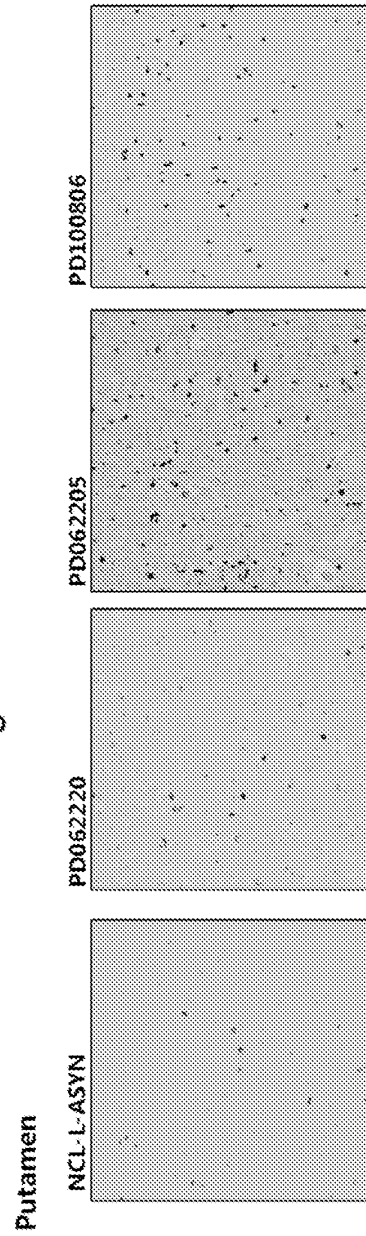


Figure 20C

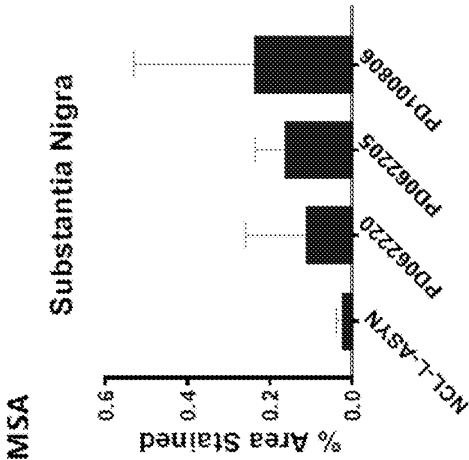


Figure 20B

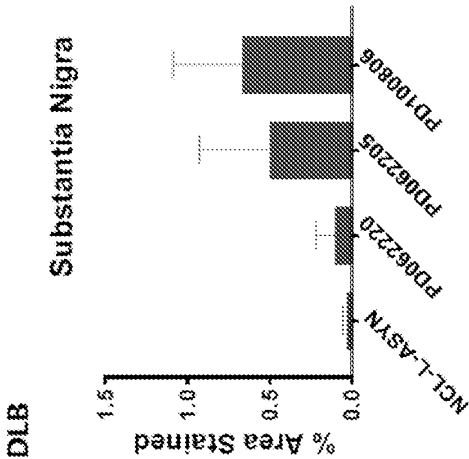


Figure 20A

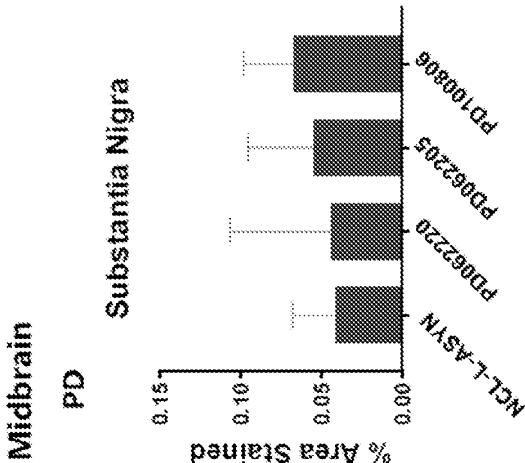


Figure 20D

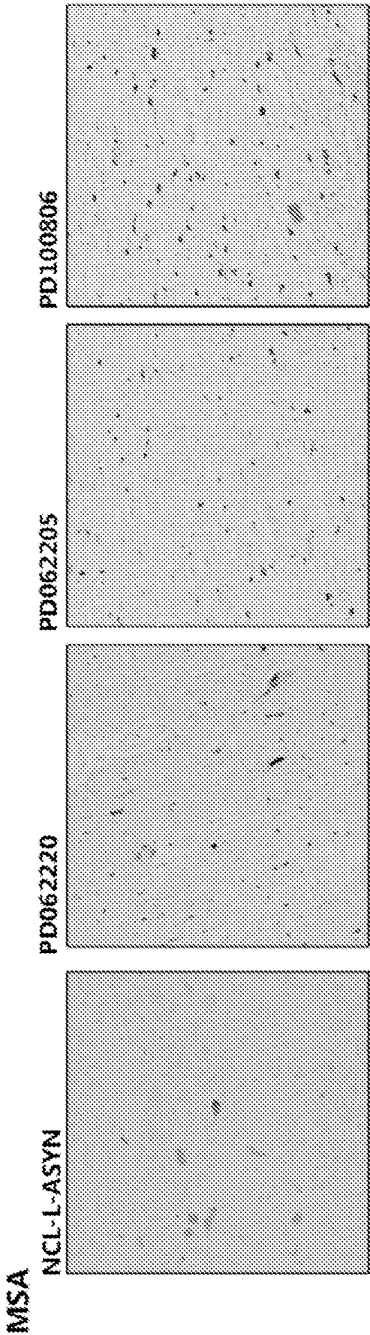


Figure 20E

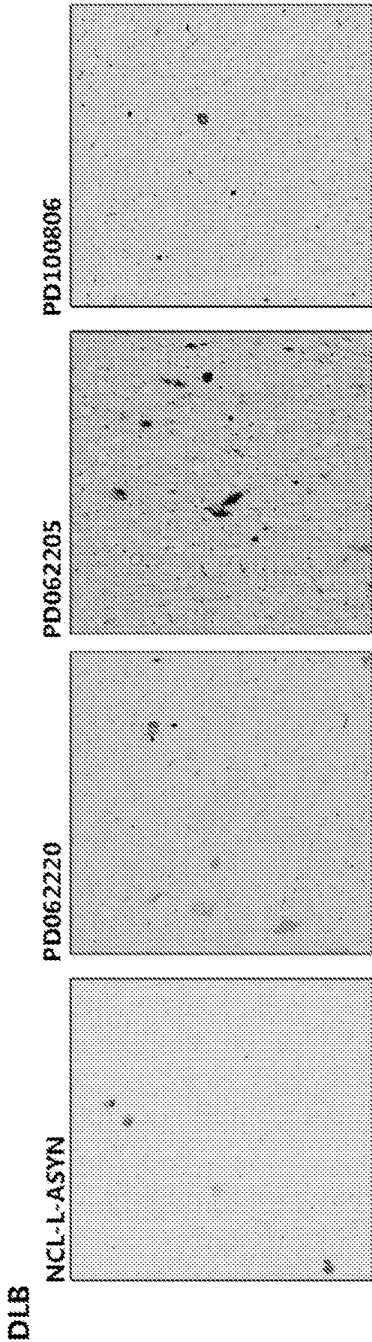


Figure 21C

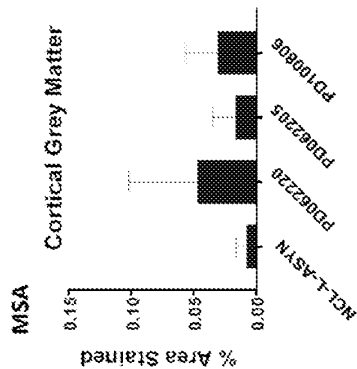


Figure 21B

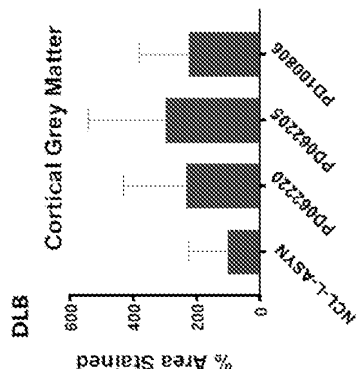


Figure 21A

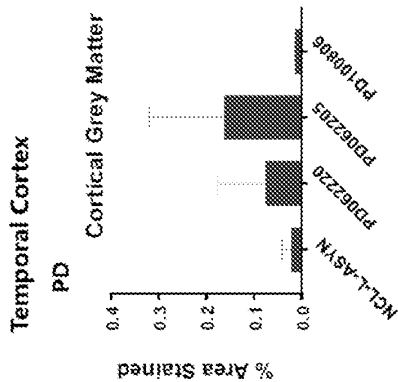


Figure 21F

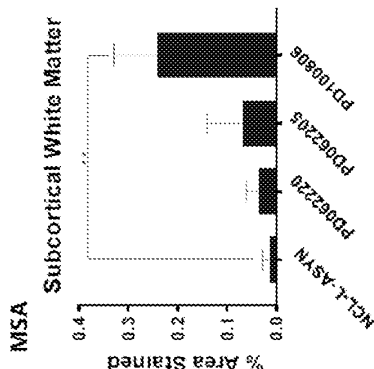


Figure 21E

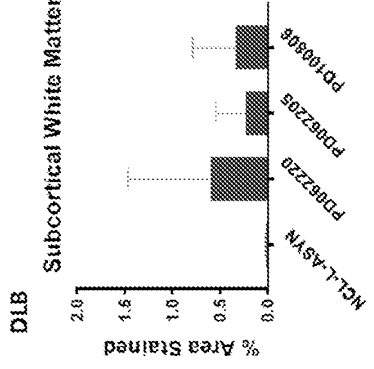


Figure 21D

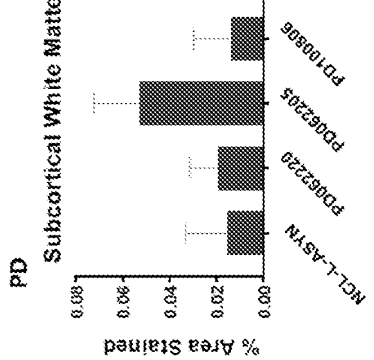


Figure 22C

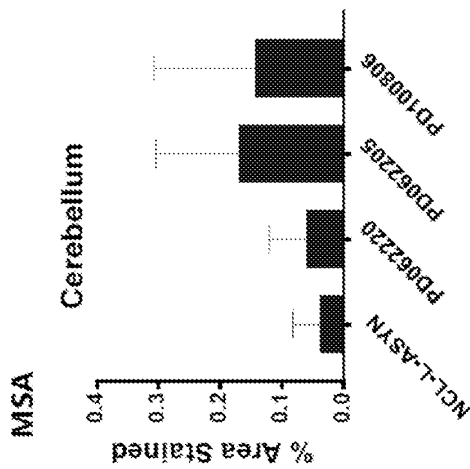


Figure 22B

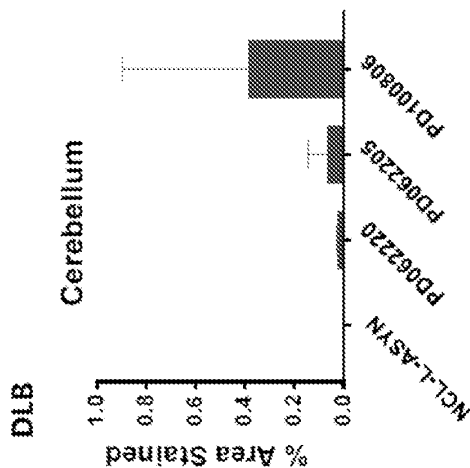


Figure 22A

Cerebellar White Matter

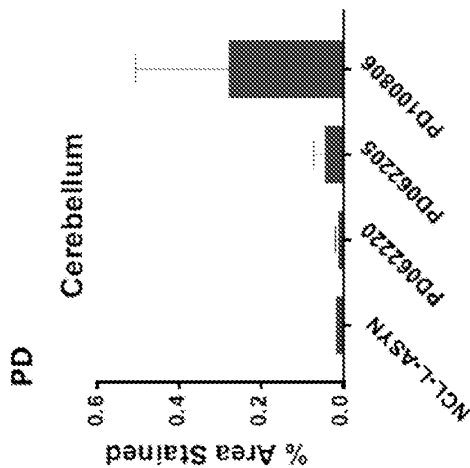


Figure 23A

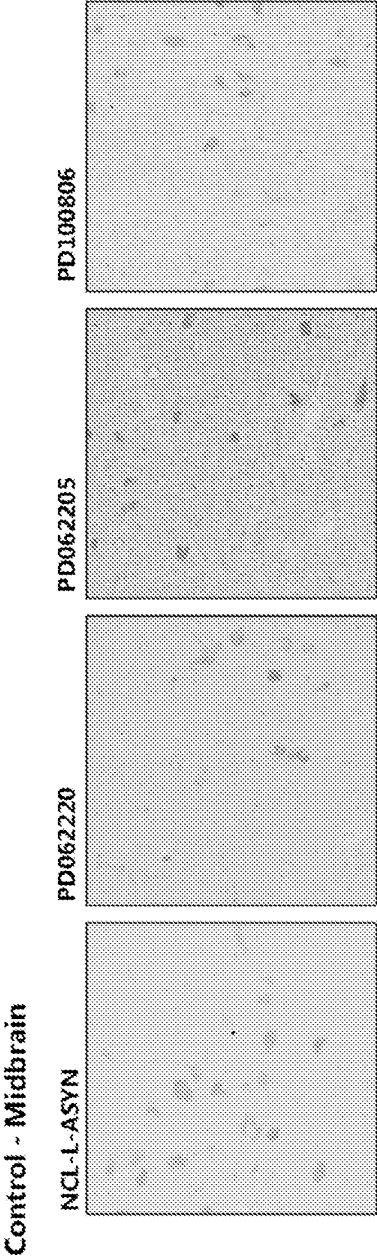


Figure 23B

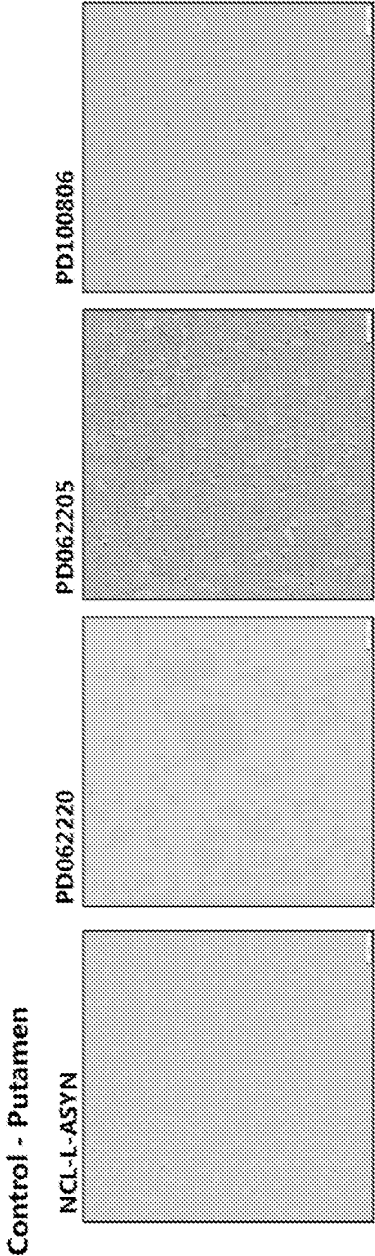


Figure 24B

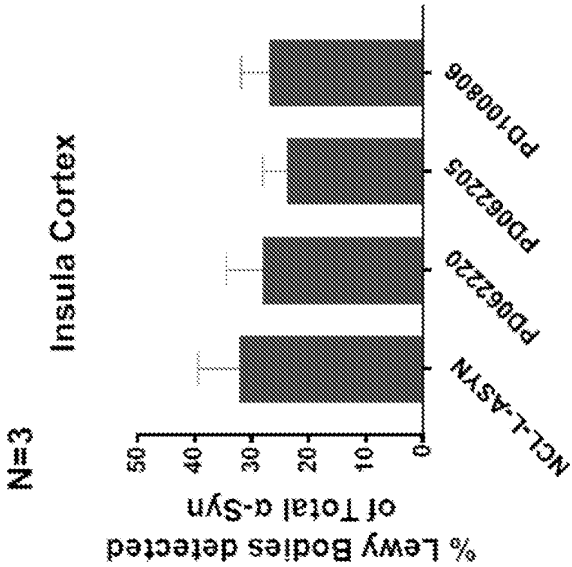


Figure 24A

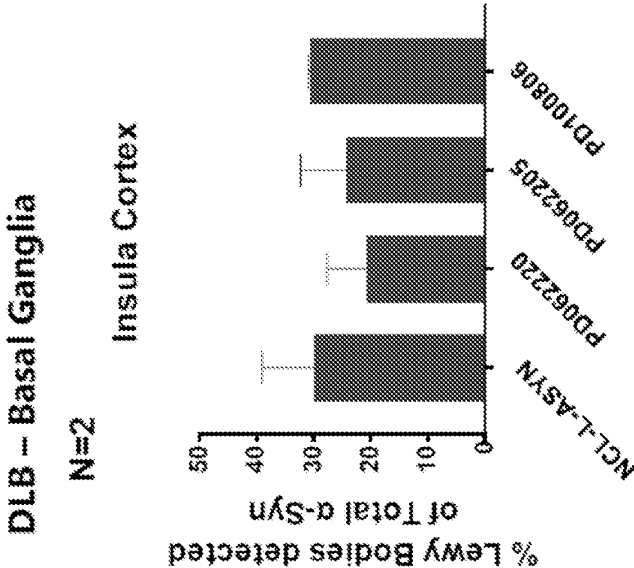


Figure 24C

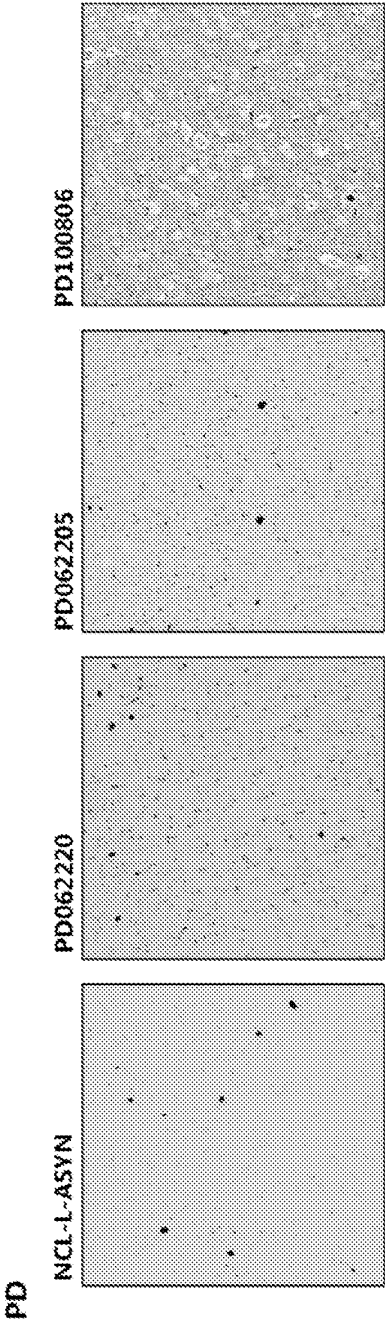


Figure 24D

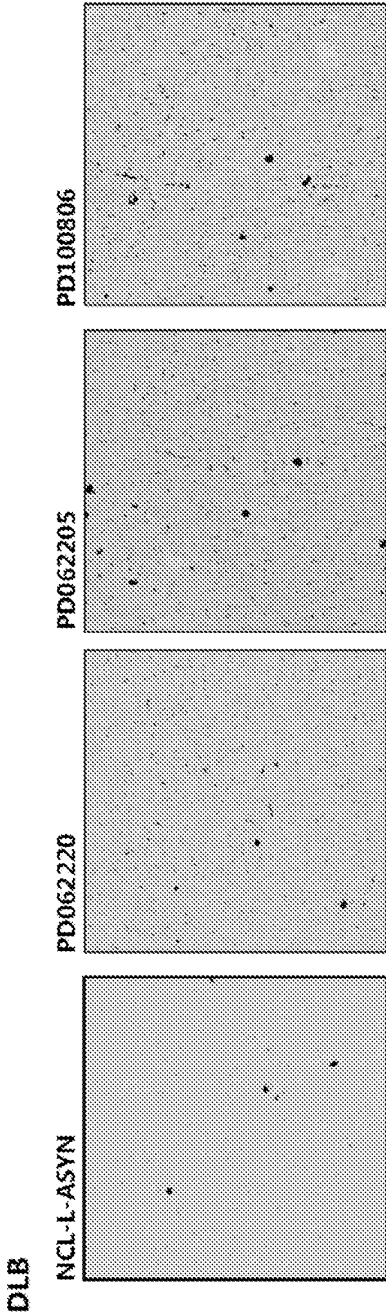


Figure 25B

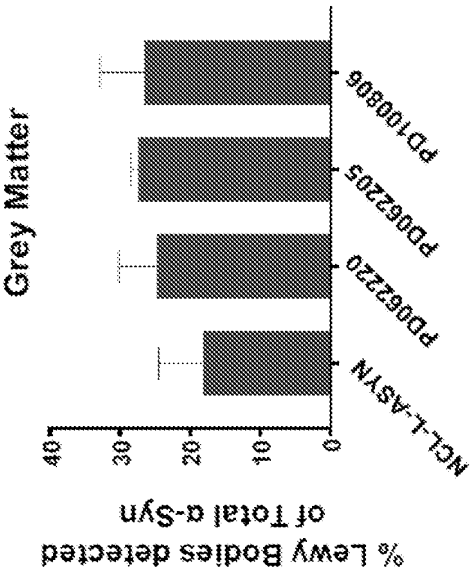


Figure 25A

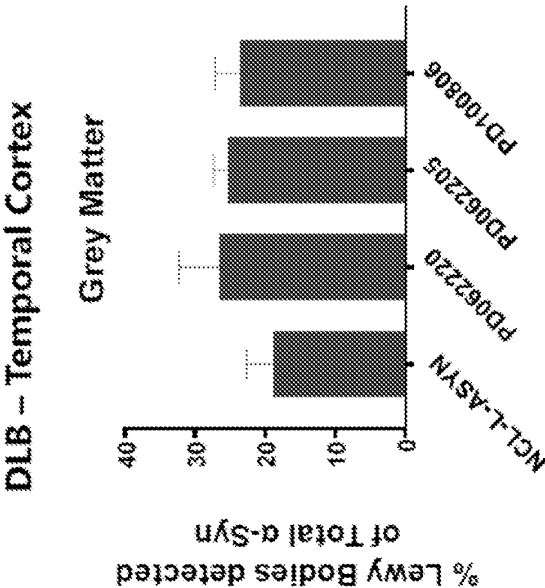


Figure 25C

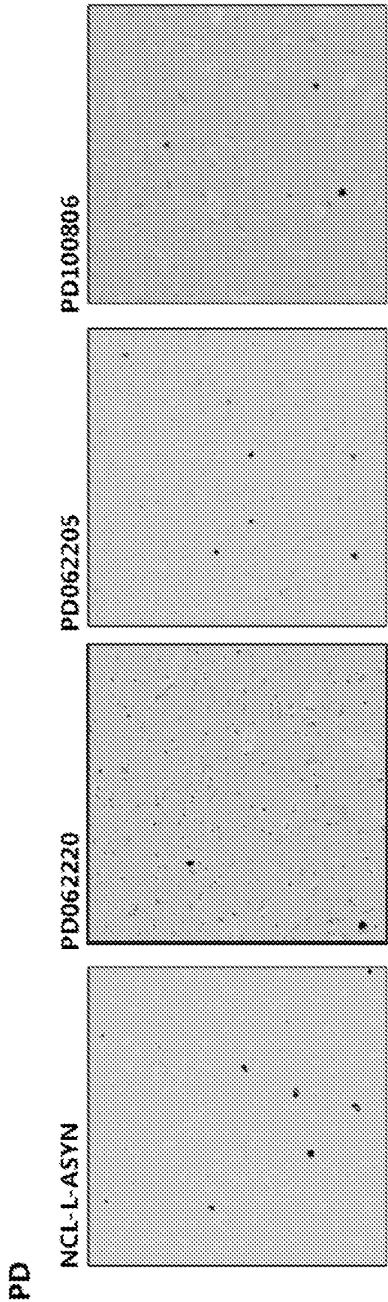


Figure 25D

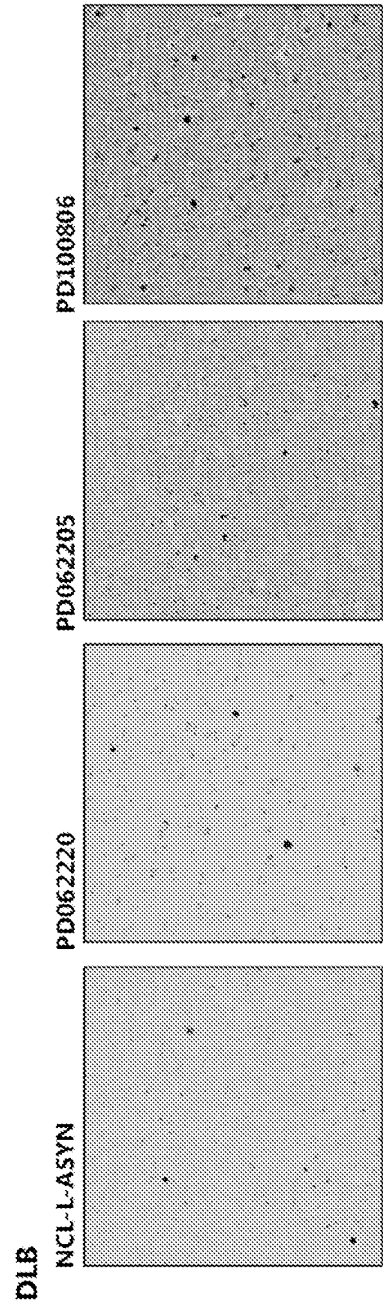


Figure 26A

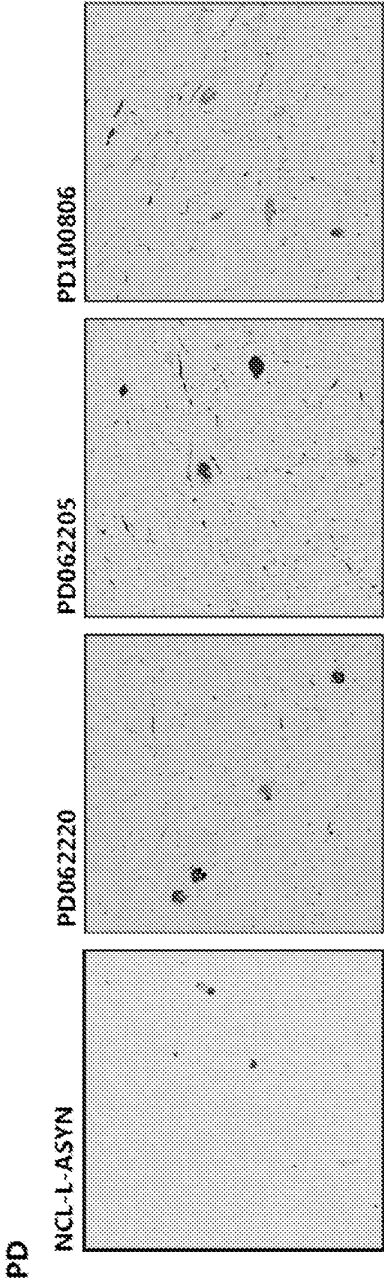


Figure 26B

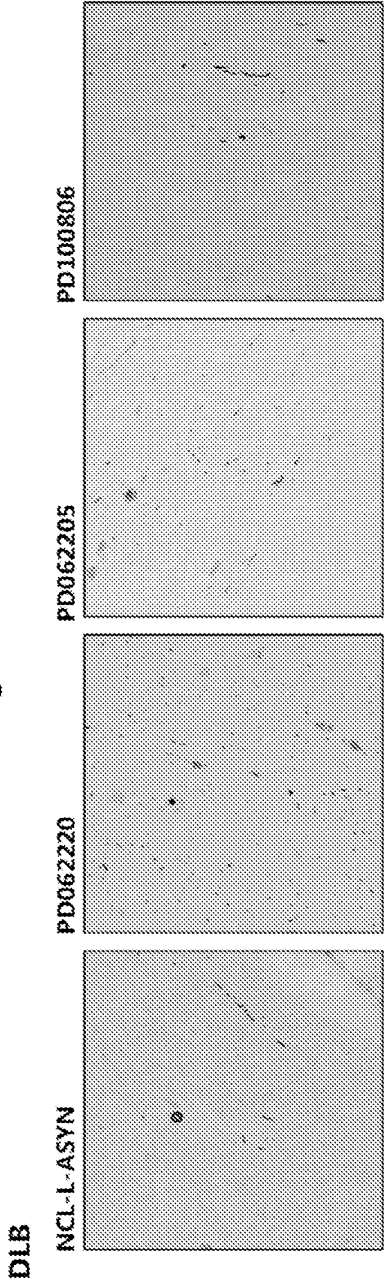




Figure 28A

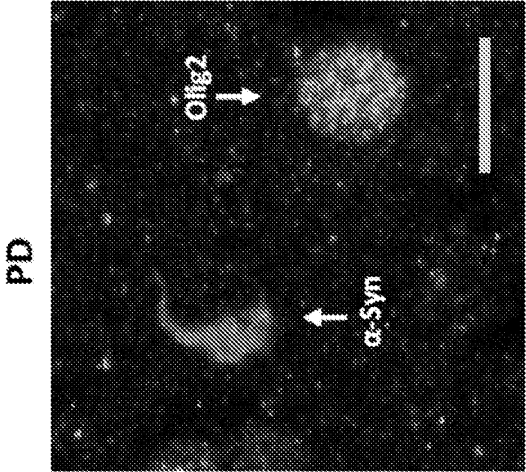


Figure 28B

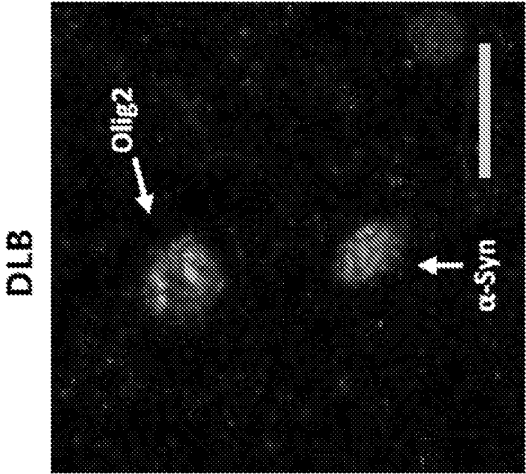


Figure 28C

