

Figure 1

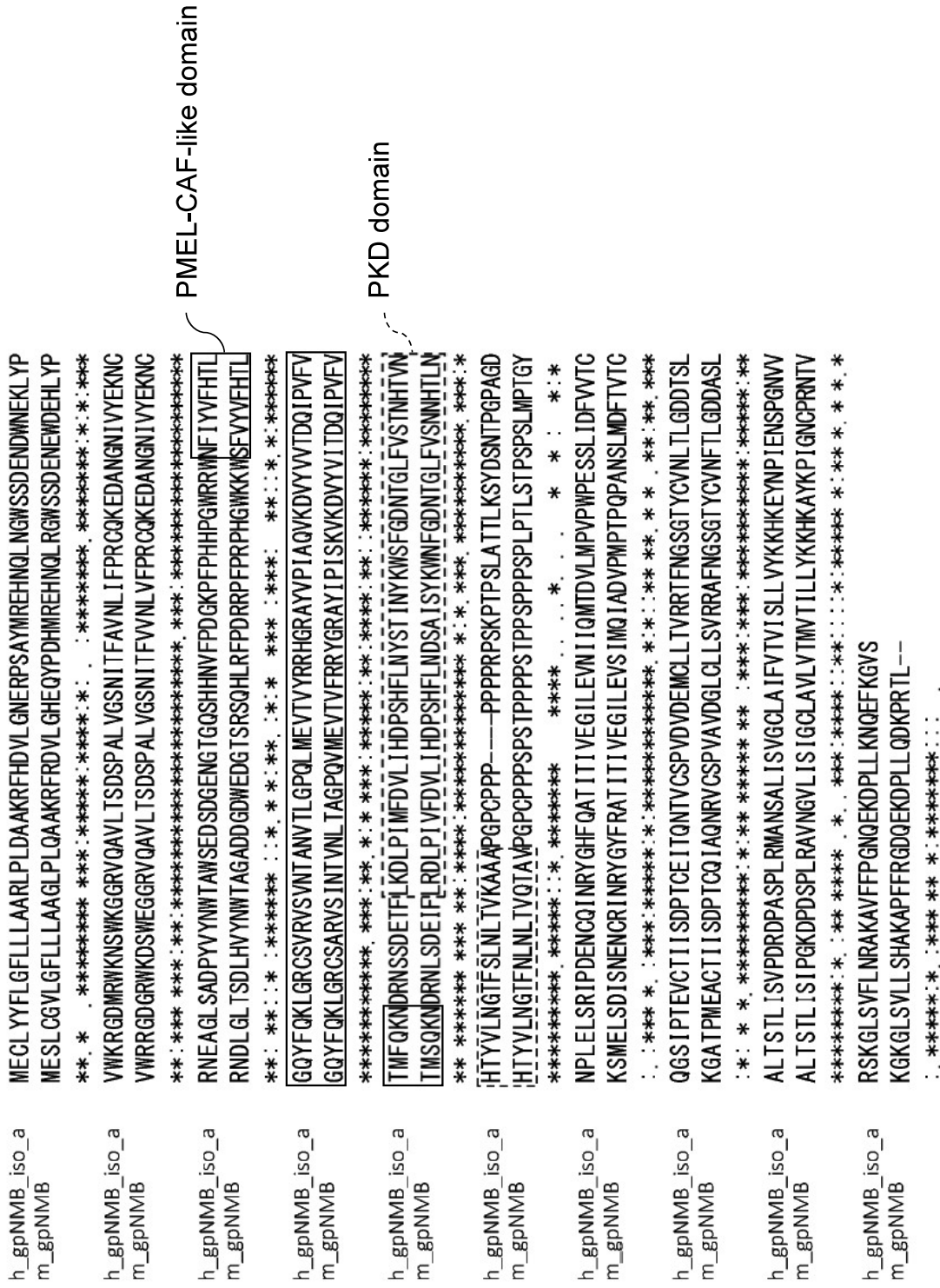
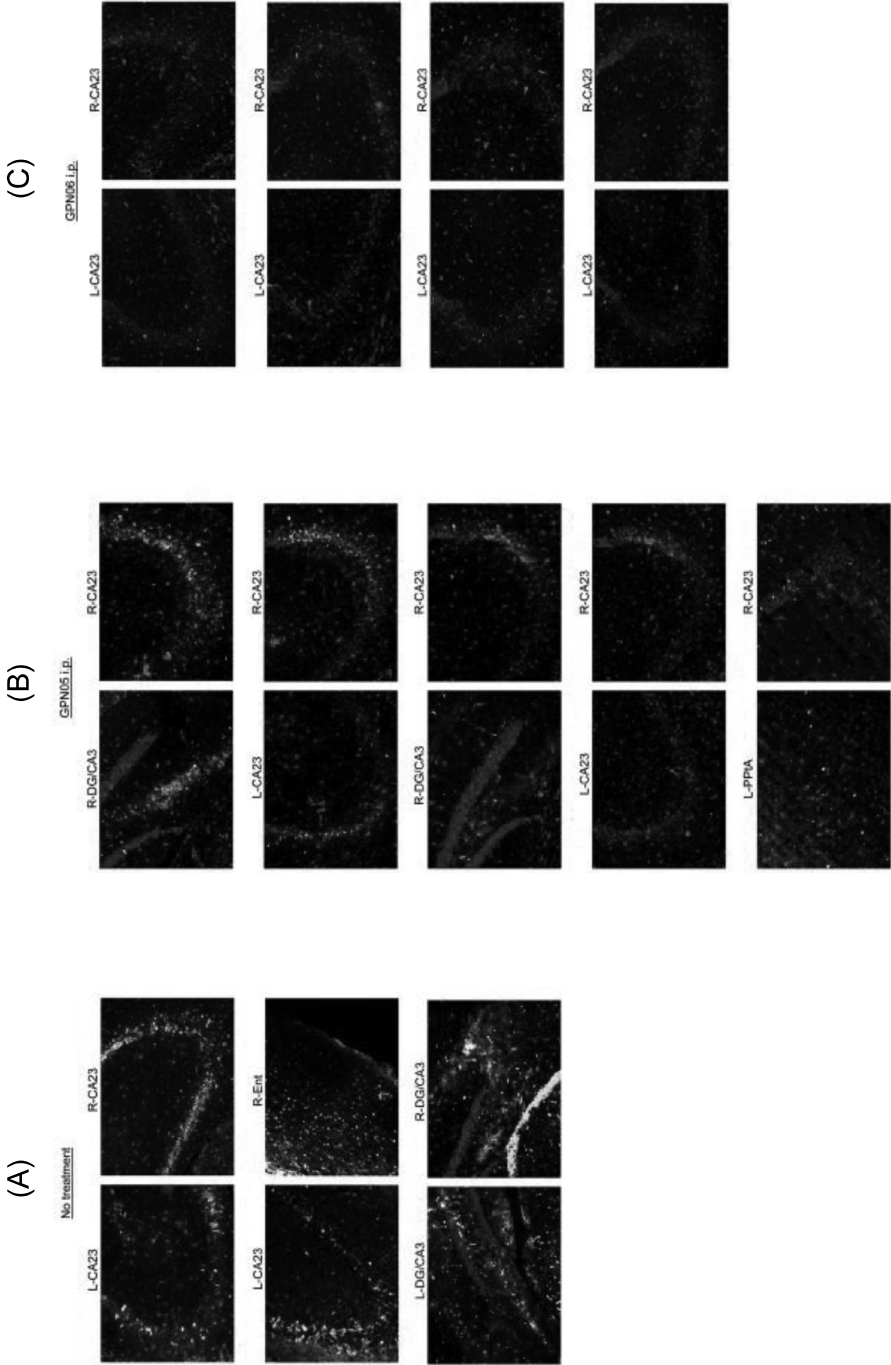


Figure 2



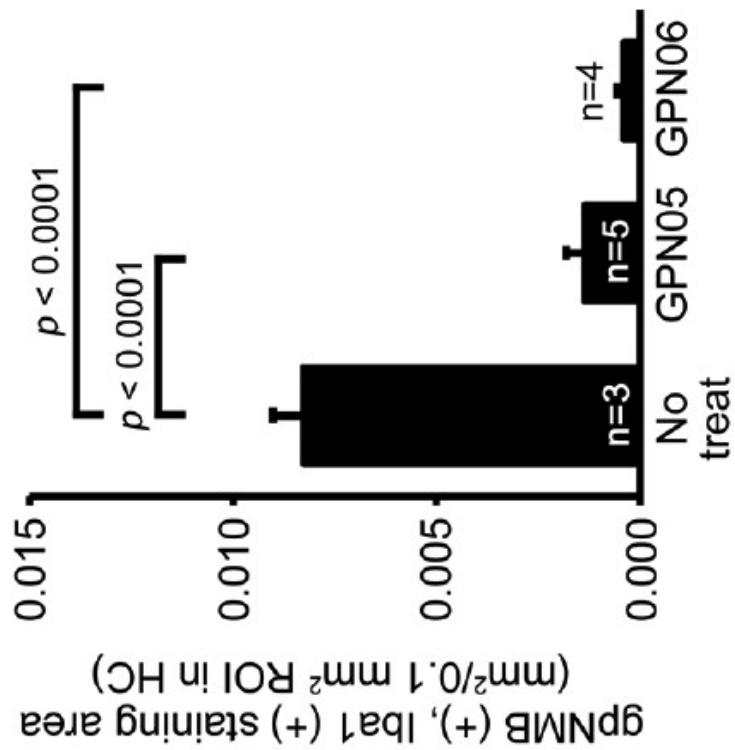
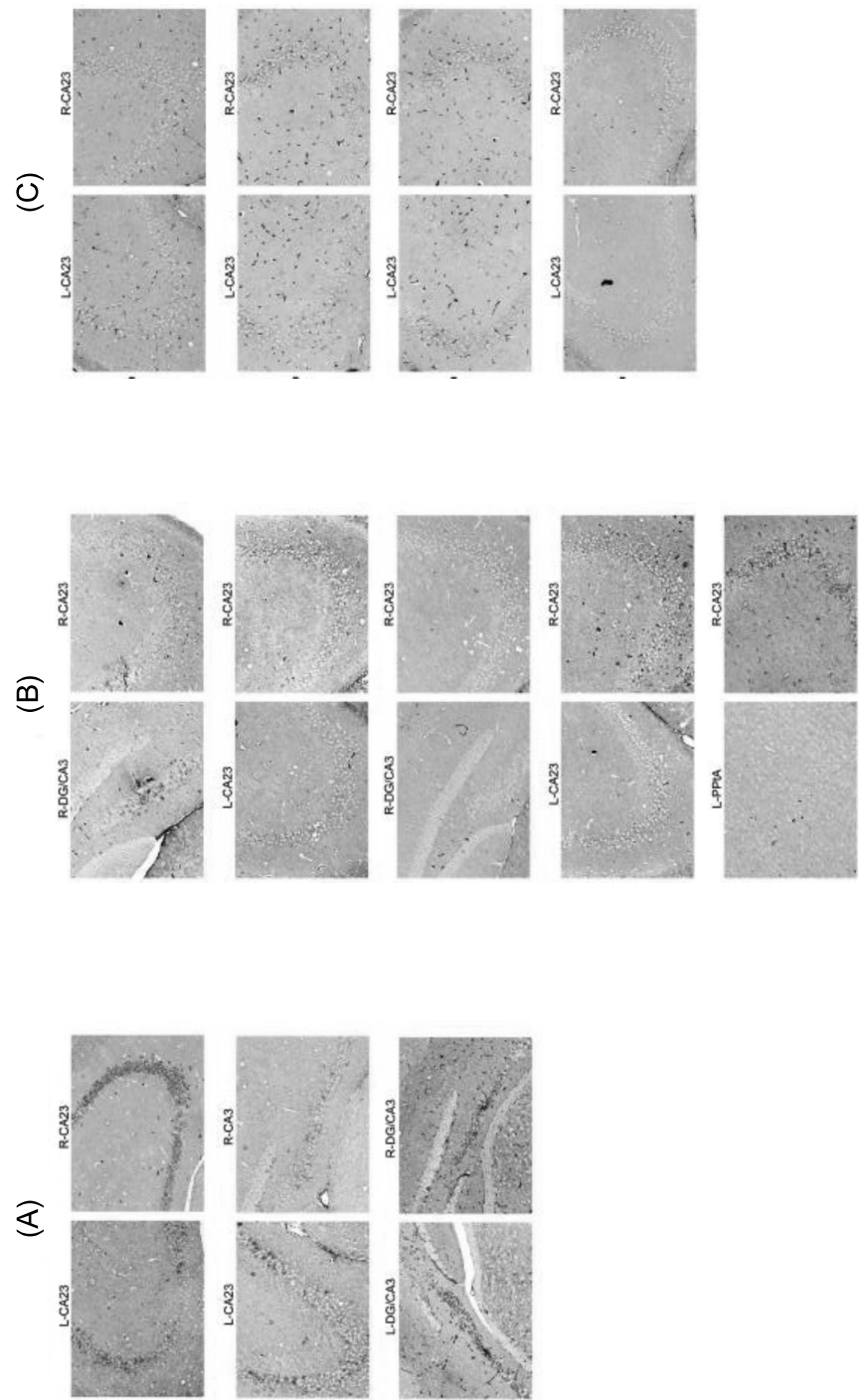


Figure 3

Figure 4



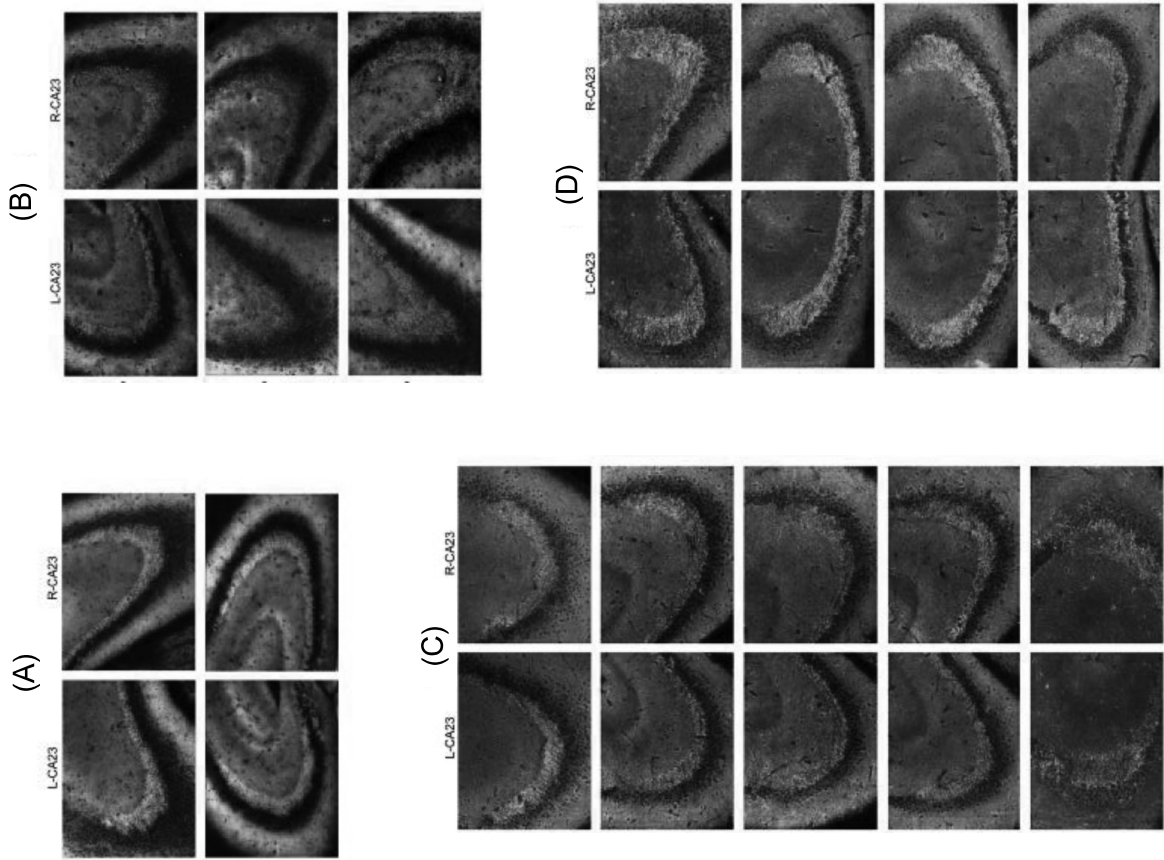
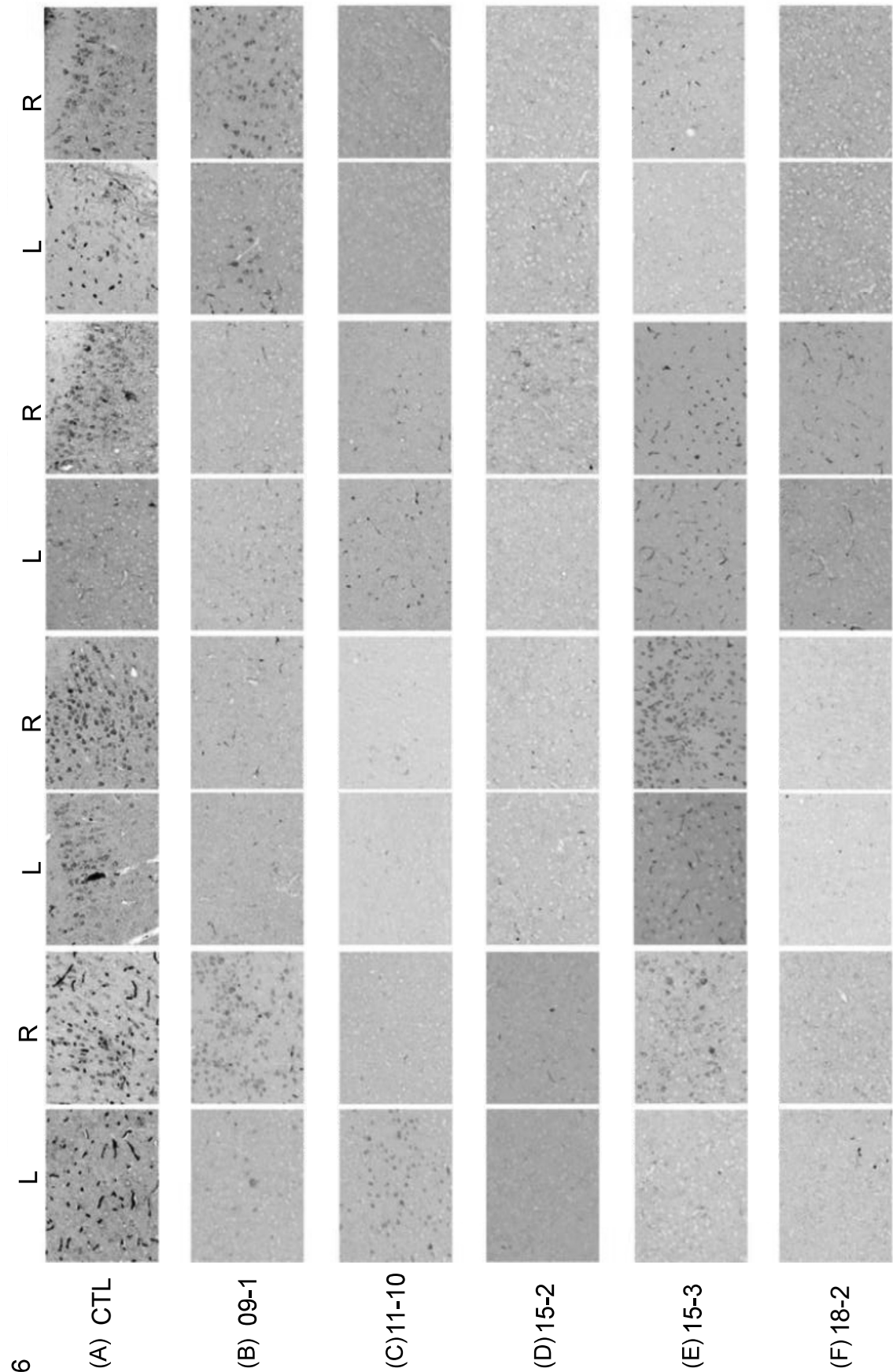


Figure 5



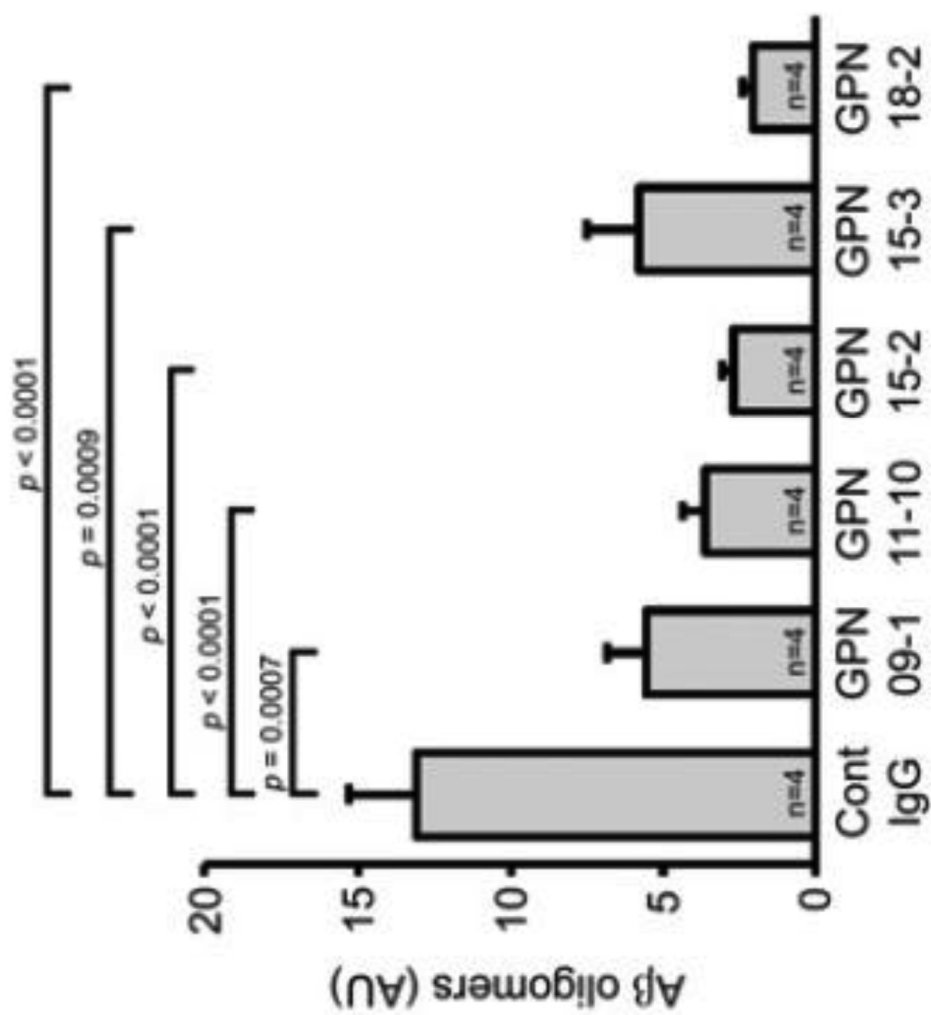


Figure 7

Figure 8

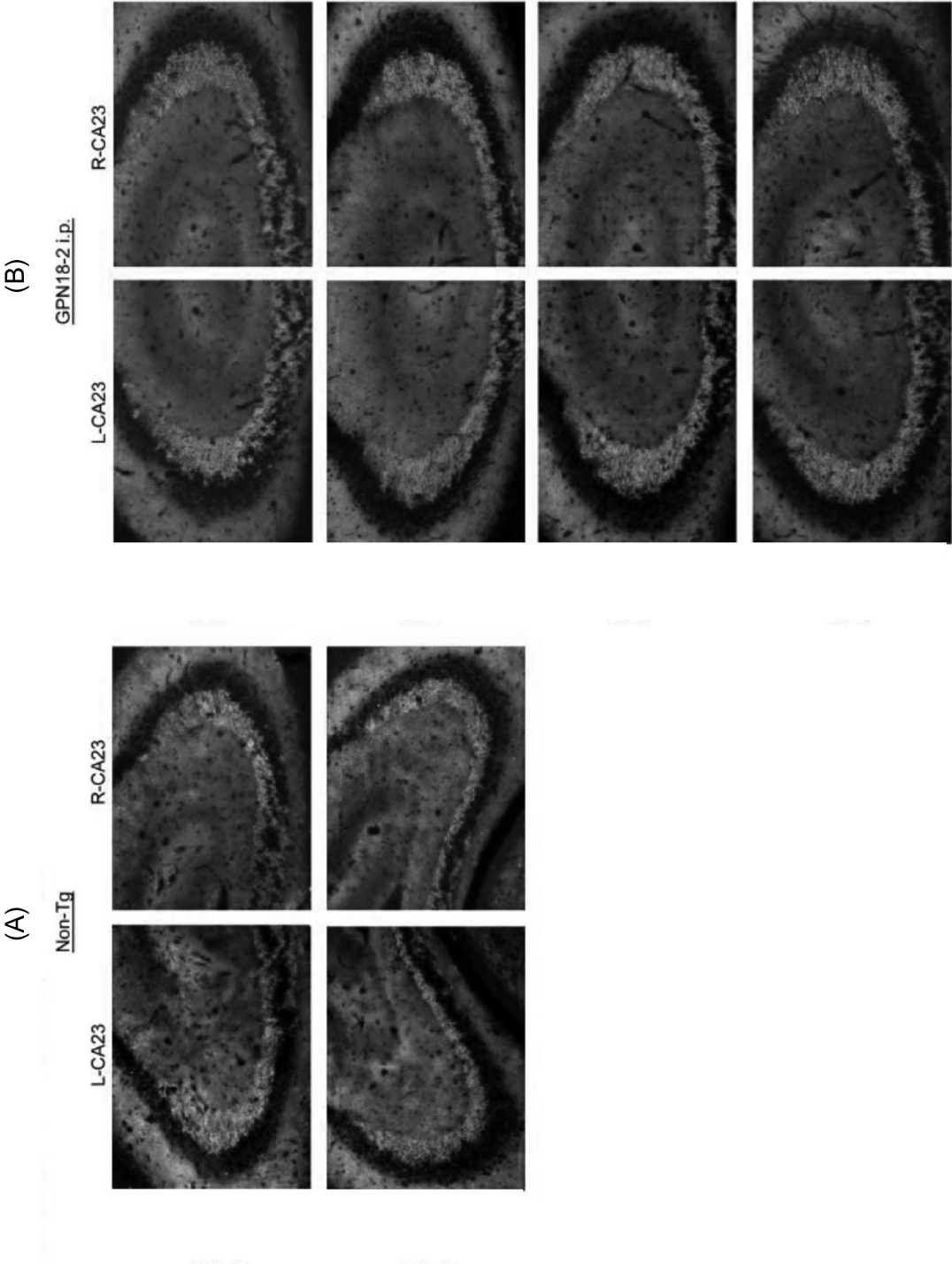
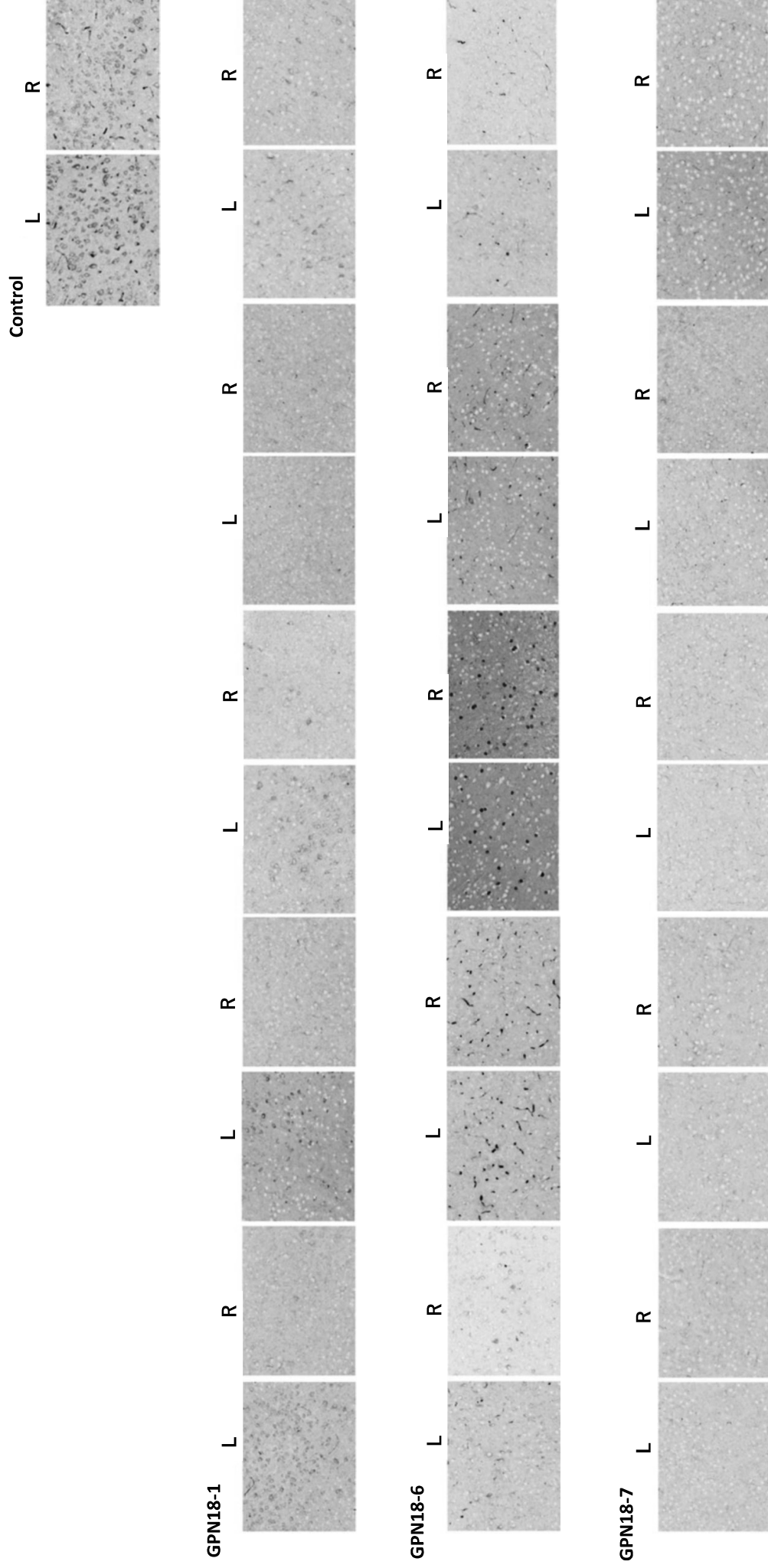


Figure 9



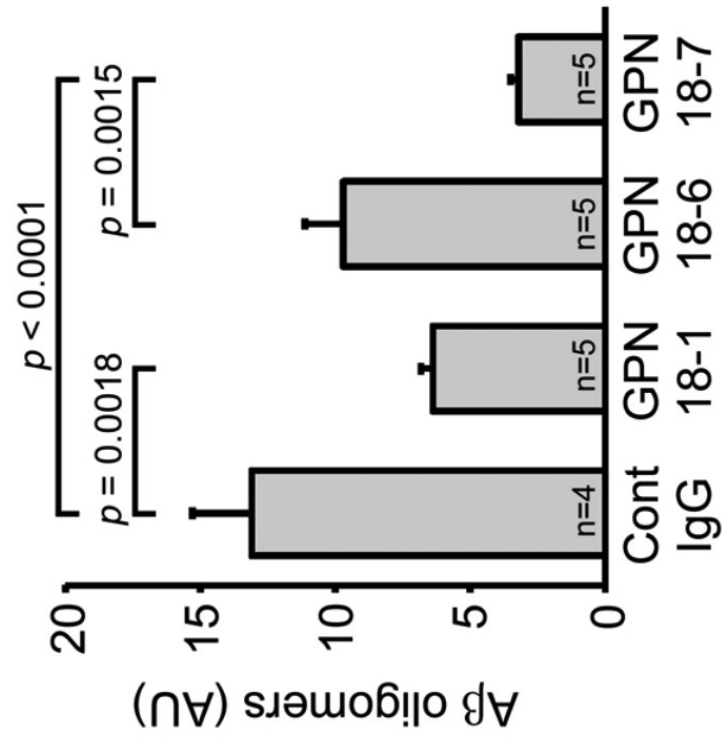
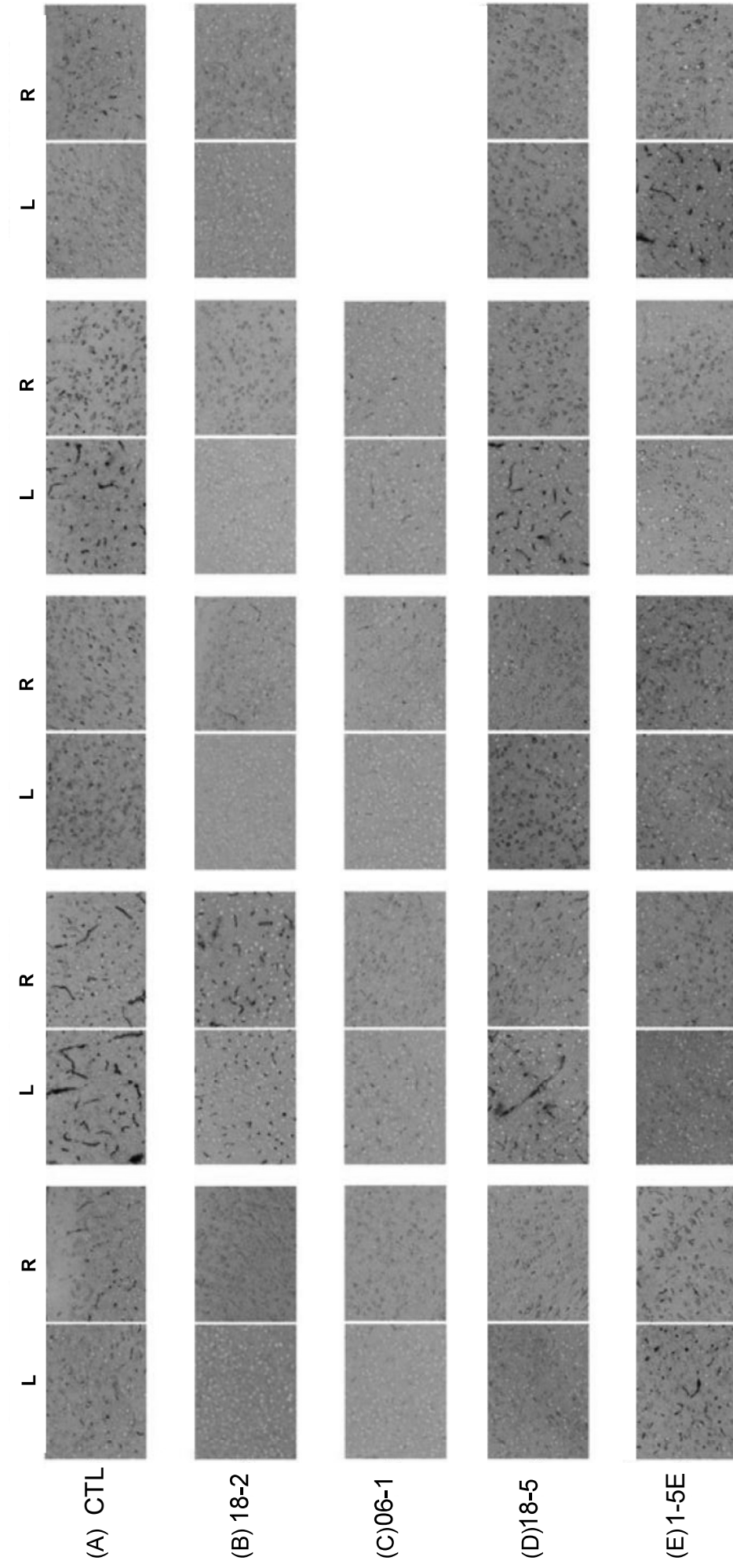


Figure 10

Figure 11



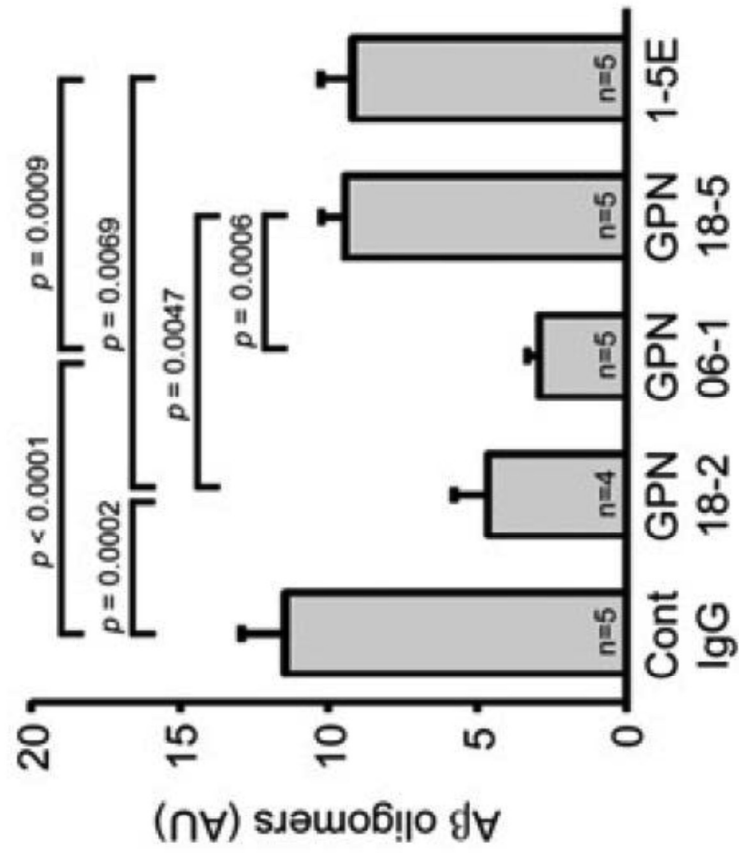


Figure 12

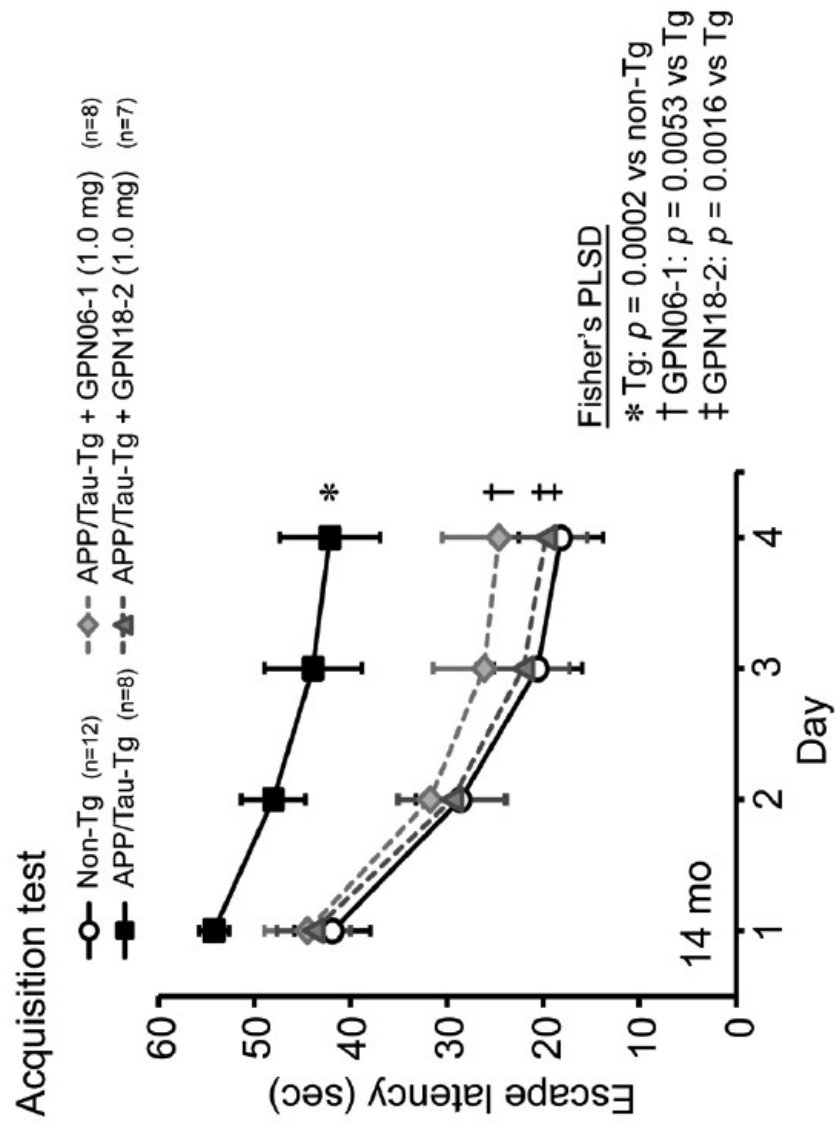
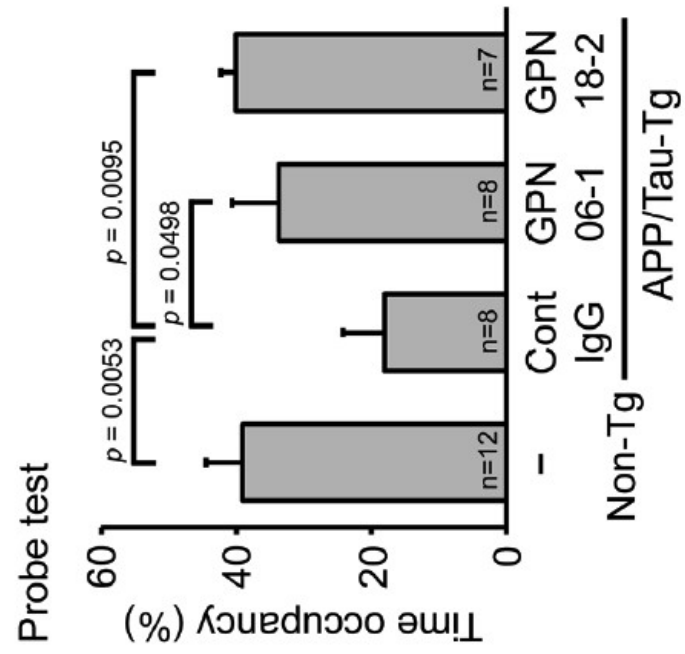


Figure 13

Figure 14



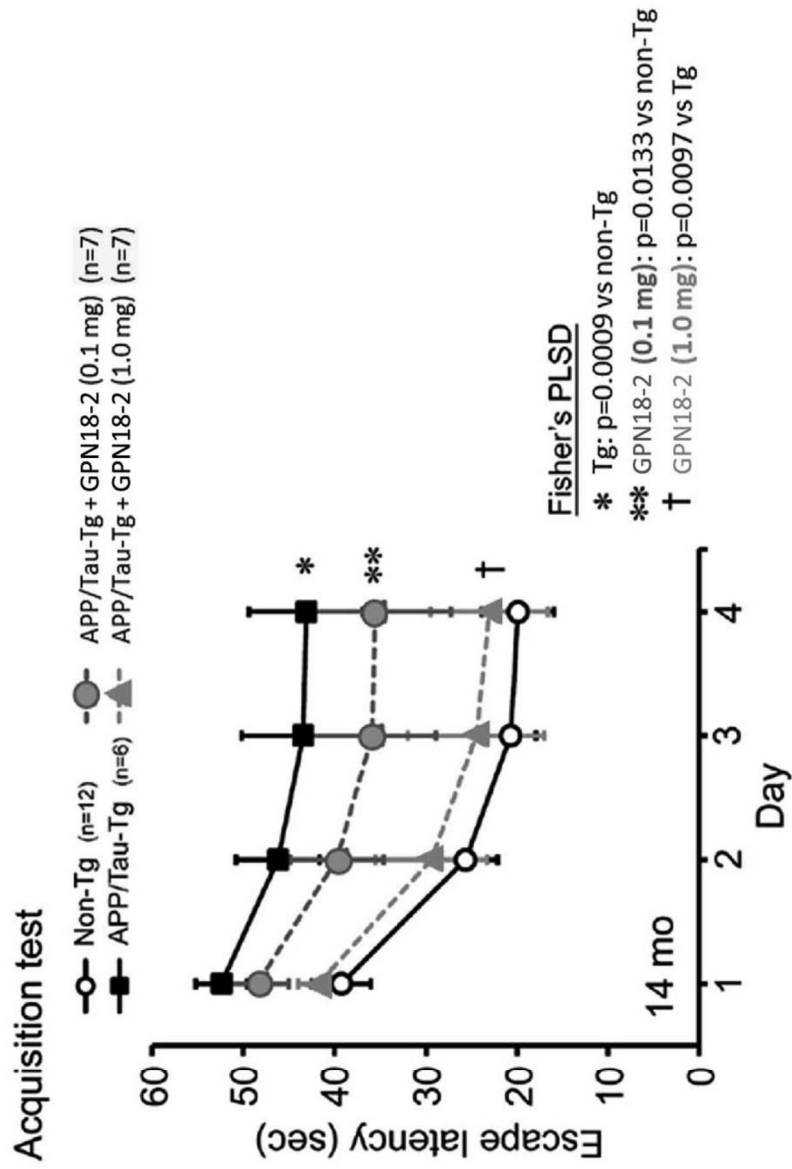


Figure 15

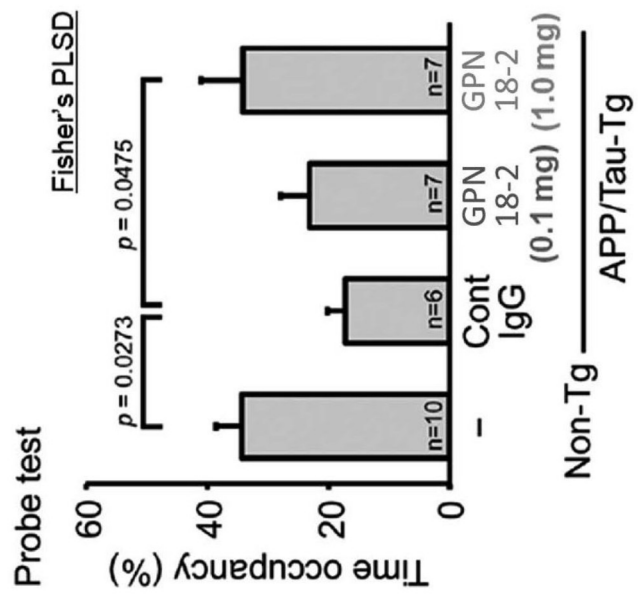


Figure 16

Figure 17

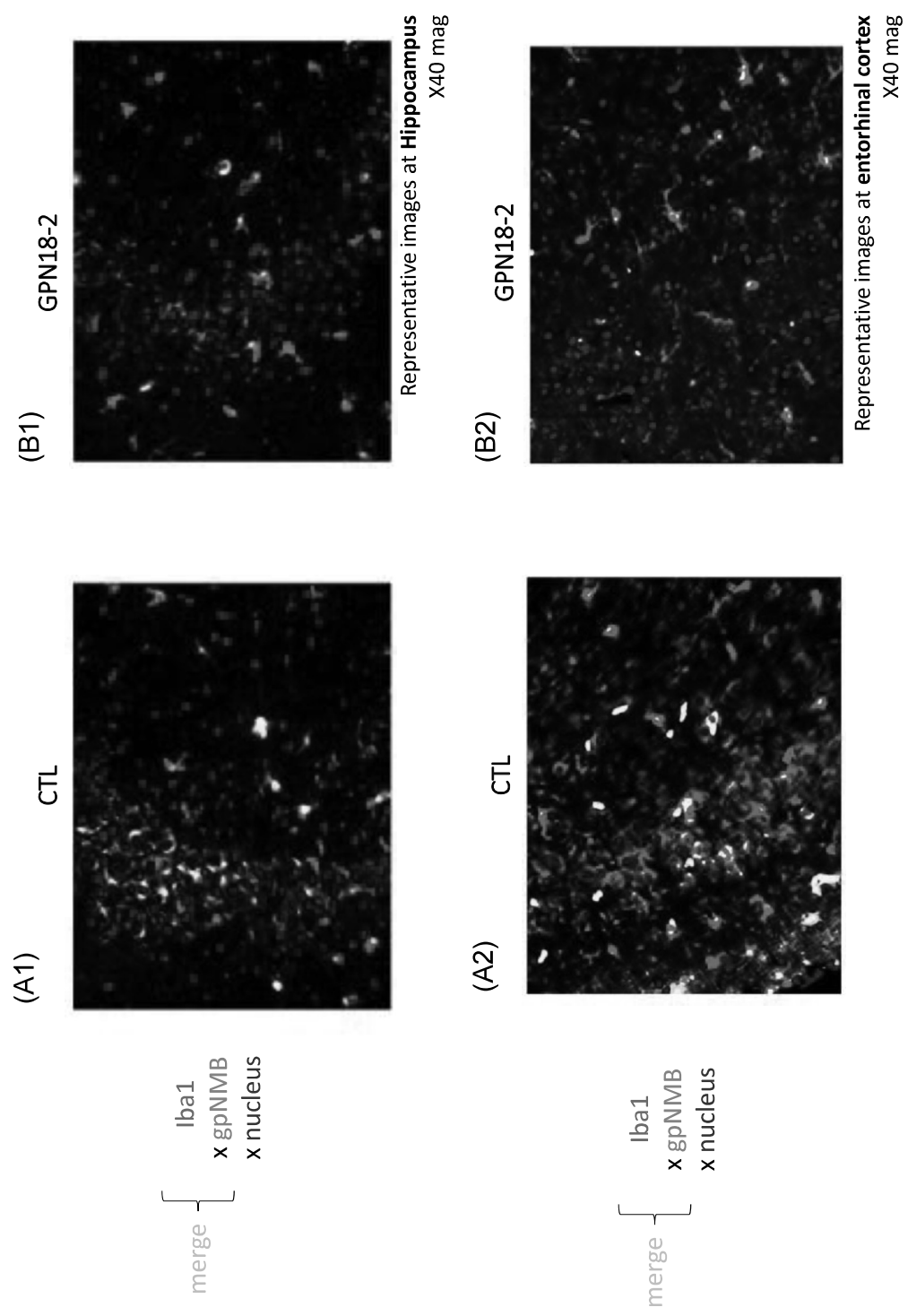


Figure 18

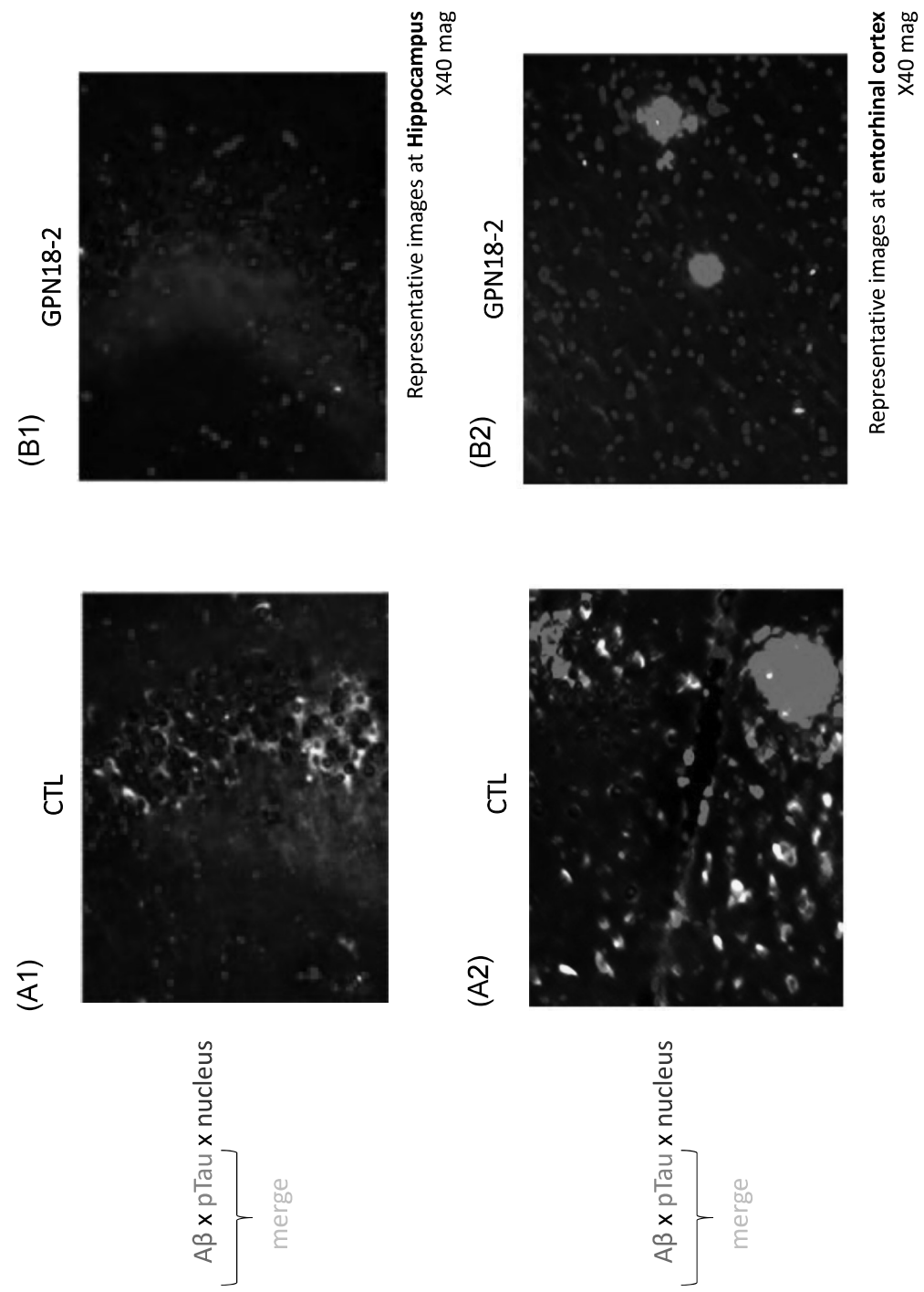


Figure 19

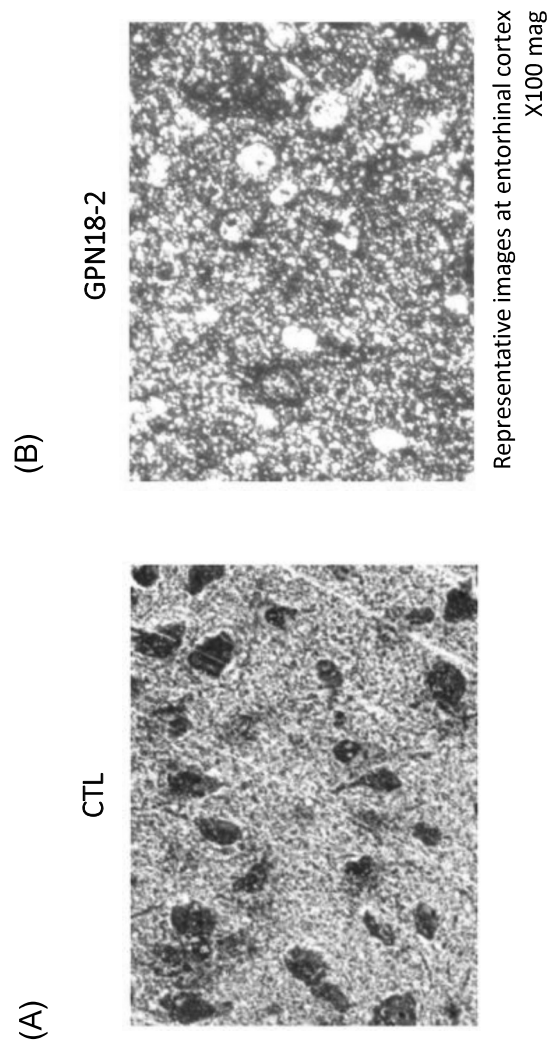


Figure 20

GPN06-1_VH	(1)	Q	V	Q	L	V	Q	S	G	A	E	I	V	R	P	G	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	K	Q	R	P	G	Q	G	L	E	W	I	G	A	(50)
hGPN06-1_VH1	(1)	Q	V	Q	L	V	Q	S	G	A	E	V	K	K	P	G	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	K	Q	R	P	G	Q	G	L	E	W	I	G	A	(50)
hGPN06-1_VH2	(1)	Q	V	Q	L	V	Q	S	G	A	E	V	K	K	P	G	A	S	V	K	L	S	C	Q	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	R	Q	A	P	G	Q	G	L	E	W	M	G	A	(50)
hGPN06-1_VH3	(1)	Q	V	Q	L	V	Q	S	G	A	E	I	V	R	P	G	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	R	Q	A	P	G	Q	G	L	E	W	I	G	A	(50)
hGPN06-1_VH4	(1)	Q	V	Q	L	V	E	S	G	A	E	V	K	K	P	G	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	R	Q	R	P	G	Q	R	L	E	W	M	G	A	(50)
hGPN06-1_VH5	(1)	Q	V	Q	L	V	Q	S	G	A	E	V	K	K	P	G	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T	D	N	W	M	G	W	V	K	Q	R	P	G	Q	G	L	E	W	I	G	A	(50)
GPN06-1_VH	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	K	A	T	L	T	V	D	T	S	S	T	A	Y	M	Q	L	S	S	L	T	S	E	D	S	A	V	Y	F	C	T	R	S	G	(100)	
hGPN06-1_VH1	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	R	V	T	M	T	V	D	T	S	I	S	T	A	Y	M	E	L	S	R	L	R	S	D	D	S	A	V	Y	F	C	T	R	S	G	(100)
hGPN06-1_VH2	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	R	V	T	L	T	V	D	T	S	T	S	T	V	Y	M	Q	L	S	S	L	T	S	E	D	T	A	V	Y	F	C	T	R	S	G	(100)
hGPN06-1_VH3	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	R	V	T	M	T	R	D	T	S	T	S	T	V	Y	M	E	L	S	S	L	T	S	E	D	T	A	V	Y	F	C	T	R	S	G	(100)
hGPN06-1_VH4	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	R	V	T	I	T	V	D	K	S	A	S	T	A	Y	M	E	L	S	S	L	R	S	E	D	T	A	V	Y	F	C	T	R	S	G	(100)
hGPN06-1_VH5	(51)	I	D	P	S	D	S	F	T	N	Y	N	Q	N	F	K	G	R	V	T	M	T	R	D	T	S	T	S	T	V	Y	M	E	L	S	S	L	R	S	E	D	S	A	V	Y	F	C	T	R	S	G	(100)
GPN06-1_VH	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	T	L	T	V	S	S	(122)																												
hGPN06-1_VH1	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	L	V	T	V	S	S	(122)																												
hGPN06-1_VH2	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	T	V	T	V	S	S	(122)																												
hGPN06-1_VH3	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	L	V	T	V	S	S	(122)																												
hGPN06-1_VH4	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	T	V	T	V	S	S	(122)																												
hGPN06-1_VH5	(101)	Y	Y	G	S	P	K	L	G	G	D	Y	W	G	Q	G	T	L	T	V	S	S	(122)																													

Figure 22

GPN18-2_VH	(1)	Q	V	T	L	K	E	S	G	P	G	I	L	Q	P	S	Q	T	L	S	L	T	C	S	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	P	S	G	K	G	L	E	W	L	(50)
hGPN18-2_VH1	(1)	Q	I	T	L	K	E	S	G	P	T	L	V	K	P	T	Q	T	L	T	L	T	C	S	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	P	S	G	K	G	L	E	W	L	(50)
hGPN18-2_VH2	(1)	Q	V	Q	L	V	Q	S	G	P	G	L	V	Q	P	T	Q	T	L	T	L	T	C	T	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	P	S	G	K	G	L	E	W	L	(50)
hGPN18-2_VH3	(1)	Q	V	T	L	K	E	S	G	P	T	L	V	K	P	T	Q	T	L	T	L	T	C	T	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	P	S	G	K	A	L	E	W	L	(50)
hGPN18-2_VH4	(1)	Q	V	Q	L	Q	Q	S	G	P	G	L	V	Q	P	S	Q	T	L	S	L	T	C	S	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	S	P	S	R	G	L	E	W	L	(50)
hGPN18-2_VH5	(1)	Q	V	T	L	K	E	S	G	P	G	L	V	K	P	T	Q	T	L	T	L	T	C	S	F	S	G	F	S	L	S	T	S	V	M	G	V	G	W	I	R	Q	P	S	G	K	G	L	E	W	L	(50)
GPN18-2_VH	(61)	A	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	S	K	D	T	S	K	N	Q	V	F	L	K	I	A	S	V	D	I	T	A	T	Y	Y	C	A	R	T	(100)			
hGPN18-2_VH1	(61)	A	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	A	K	D	T	S	K	N	Q	V	F	L	K	M	T	S	V	E	P	V	D	T	A	T	Y	Y	C	A	R	T	(100)	
hGPN18-2_VH2	(61)	A	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	S	K	D	T	S	K	N	Q	V	F	L	T	M	T	N	M	D	I	T	V	D	T	A	T	Y	Y	C	A	R	T	(100)
hGPN18-2_VH3	(61)	A	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	T	K	D	T	S	K	N	Q	V	F	L	K	I	A	N	M	D	I	T	V	D	T	A	T	Y	Y	C	A	R	T	(100)
hGPN18-2_VH4	(61)	G	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	T	A	D	T	S	K	N	Q	F	S	L	Q	L	N	S	V	T	P	E	D	T	A	V	Y	Y	C	A	R	T	(100)	
hGPN18-2_VH5	(61)	A	D	I	W	W	D	D	K	D	Y	N	P	S	L	K	S	R	L	T	I	S	K	D	T	S	K	N	Q	V	V	L	T	M	T	N	M	D	I	T	A	T	Y	Y	C	A	R	T	(100)			
GPN18-2_VH	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	S	V	T	V	S	S	(123)																											
hGPN18-2_VH1	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	S	V	T	V	S	S	(123)																											
hGPN18-2_VH2	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	L	V	T	V	S	S	(123)																											
hGPN18-2_VH3	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	L	V	T	V	S	S	(123)																											
hGPN18-2_VH4	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	S	V	T	V	S	S	(123)																											
hGPN18-2_VH5	(101)	Y	Y	S	N	Y	E	Y	Y	G	M	D	Y	W	G	Q	G	T	S	V	T	V	S	S	(123)																											

GPNI18-2_VL	(1)	D	V	L	M	T	Q	S	L	P	V	S	L	G	D	Q	A	S	I	S	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	Y	L	K	P	G	Q	S	P	K	(50)				
hGPNI18-2_VL1	(1)	D	V	V	M	T	Q	S	P	L	P	V	T	L	G	Q	P	A	S	I	S	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	Y	Q	R	P	G	Q	S	P	R	(50)			
hGPNI18-2_VL2	(1)	D	I	V	L	T	Q	S	P	L	P	V	T	L	G	Q	P	A	S	I	S	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	F	Q	R	P	G	Q	S	P	R	(50)			
hGPNI18-2_VL3	(1)	D	I	V	M	T	Q	S	P	D	S	L	A	V	S	L	G	E	R	A	T	I	N	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	Y	Q	K	P	G	Q	S	P	K	(50)	
hGPNI18-2_VL4	(1)	D	I	Q	M	T	Q	S	P	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	Y	Q	K	P	G	K	V	P	K	(50)		
hGPNI18-2_VL5	(1)	D	V	V	M	T	Q	S	P	L	S	L	P	V	T	L	G	Q	P	A	S	I	S	C	R	S	S	Q	T	I	L	S	N	G	N	T	Y	L	E	W	F	Q	R	P	G	Q	S	P	K	(50)	
GPNI18-2_VL	(51)	L	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	K	I	S	R	V	E	A	E	D	L	G	V	Y	Y	C	F	Q	G	S	H	V	P	(100)
hGPNI18-2_VL1	(51)	R	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	K	I	S	R	V	E	A	E	D	V	G	V	Y	Y	C	F	Q	G	S	H	V	P	(100)
hGPNI18-2_VL2	(51)	L	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	Q	I	S	R	V	E	A	E	D	V	G	V	Y	Y	C	F	Q	G	S	H	V	P	(100)
hGPNI18-2_VL3	(51)	L	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	L	I	S	S	L	Q	A	E	D	V	A	V	Y	Y	C	F	Q	G	S	H	V	P	(100)
hGPNI18-2_VL4	(51)	L	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	L	G	T	Y	Y	C	F	Q	G	S	H	V	P	(100)
hGPNI18-2_VL5	(51)	L	L	Y	K	V	S	N	R	F	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T	L	K	I	S	R	V	E	A	E	D	V	G	V	Y	Y	C	F	Q	G	S	H	V	P	(100)
GPNI18-2_VL	(101)	F	T	F	G	S	G	T	K	L	E	I	K	R	(113)																																				
hGPNI18-2_VL1	(101)	F	T	F	G	P	G	T	K	V	D	I	K	R	(113)																																				
hGPNI18-2_VL2	(101)	F	T	F	G	P	G	T	K	V	E	I	K	R	(113)																																				
hGPNI18-2_VL3	(101)	F	T	F	G	S	G	T	K	L	E	I	K	R	(113)																																				
hGPNI18-2_VL4	(101)	F	T	F	G	S	G	T	K	L	E	I	K	R	(113)																																				
hGPNI18-2_VL5	(101)	F	T	F	G	S	G	T	K	L	E	I	K	R	(113)																																				

Figure 24

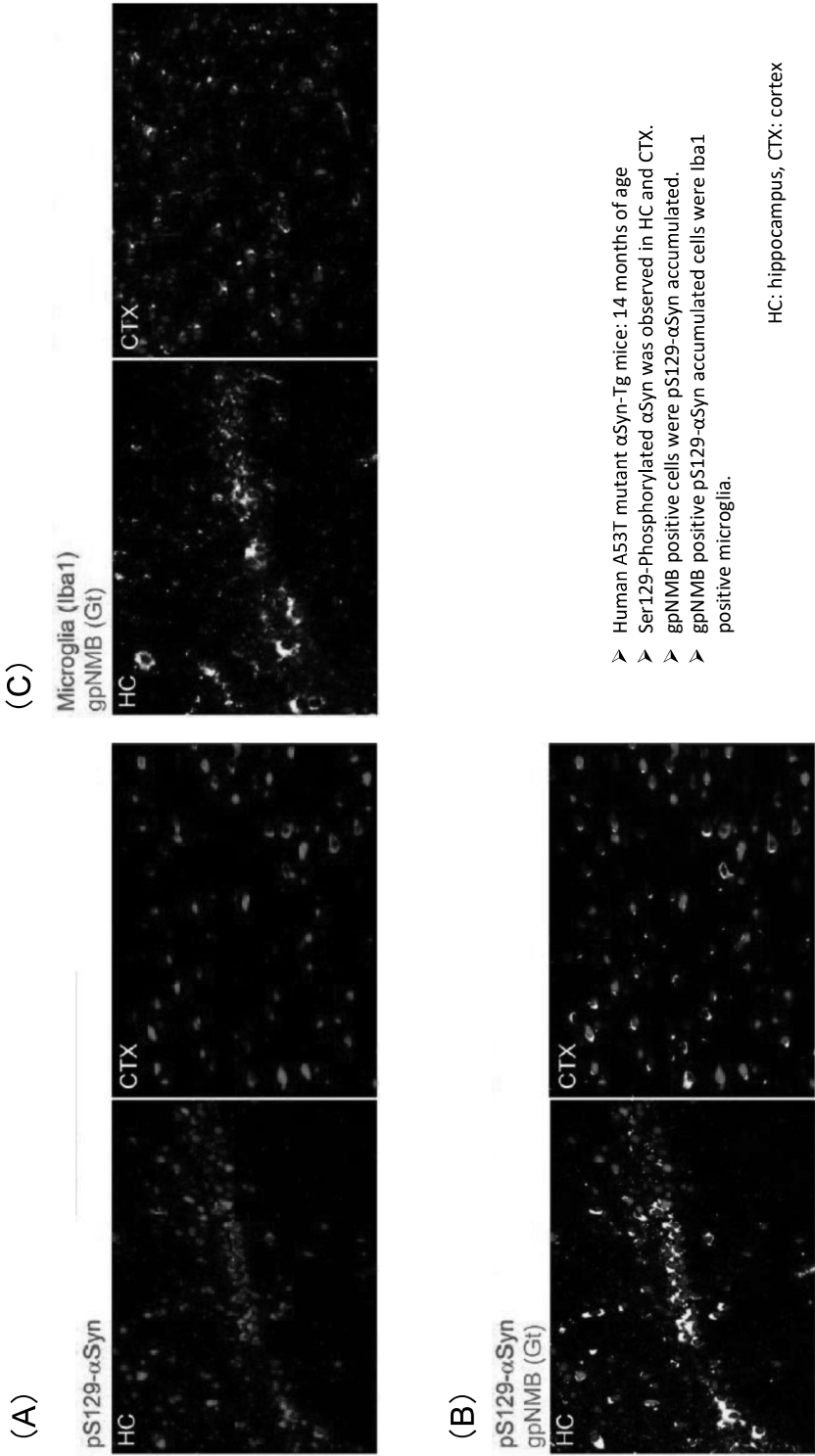
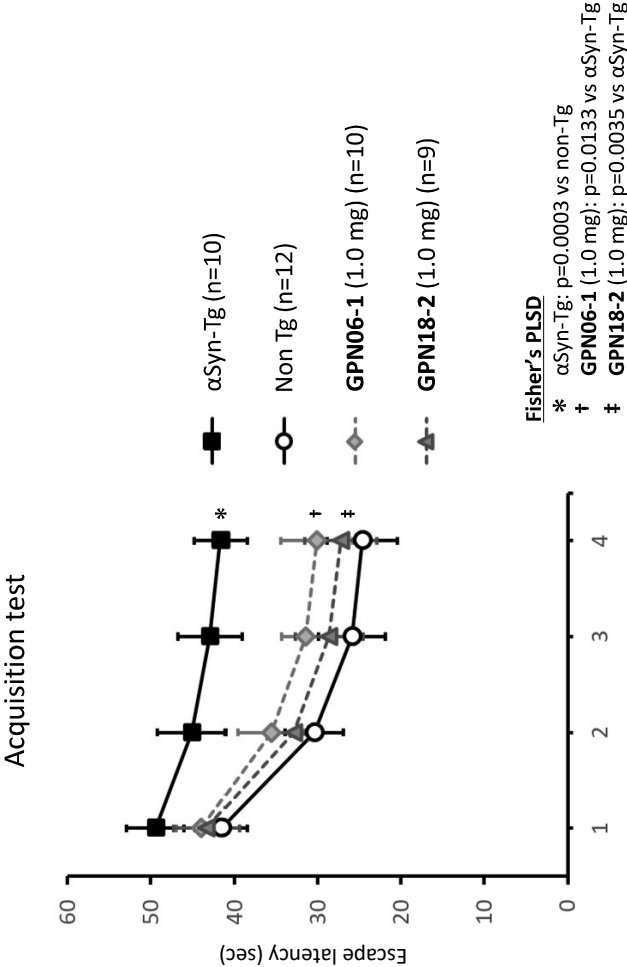


Figure 25



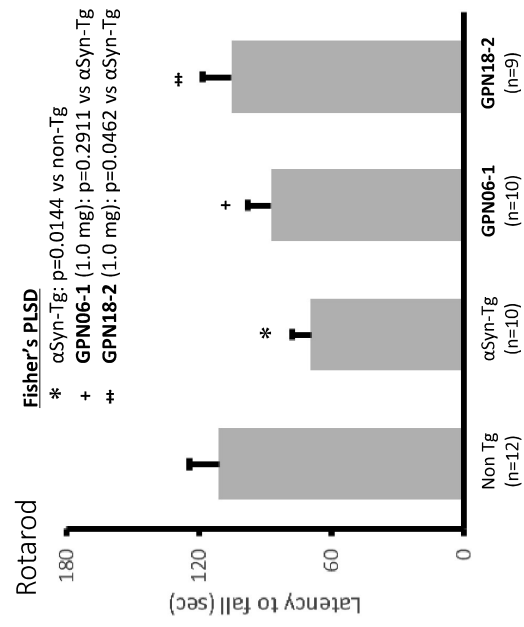


Figure 26

Figure 27

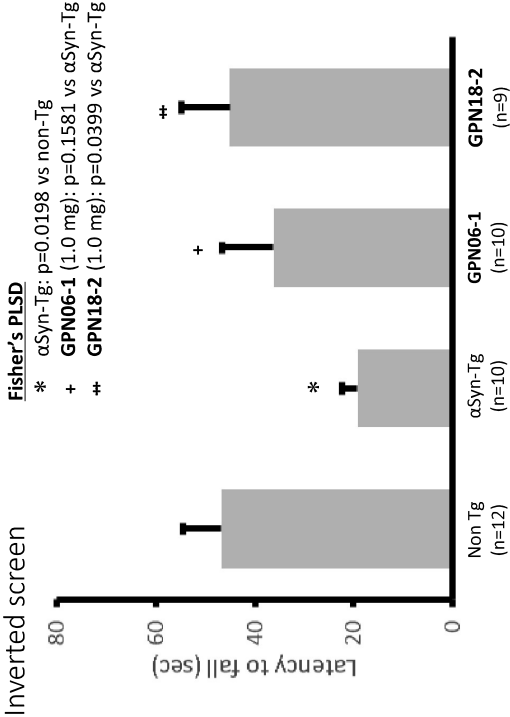


Figure 28

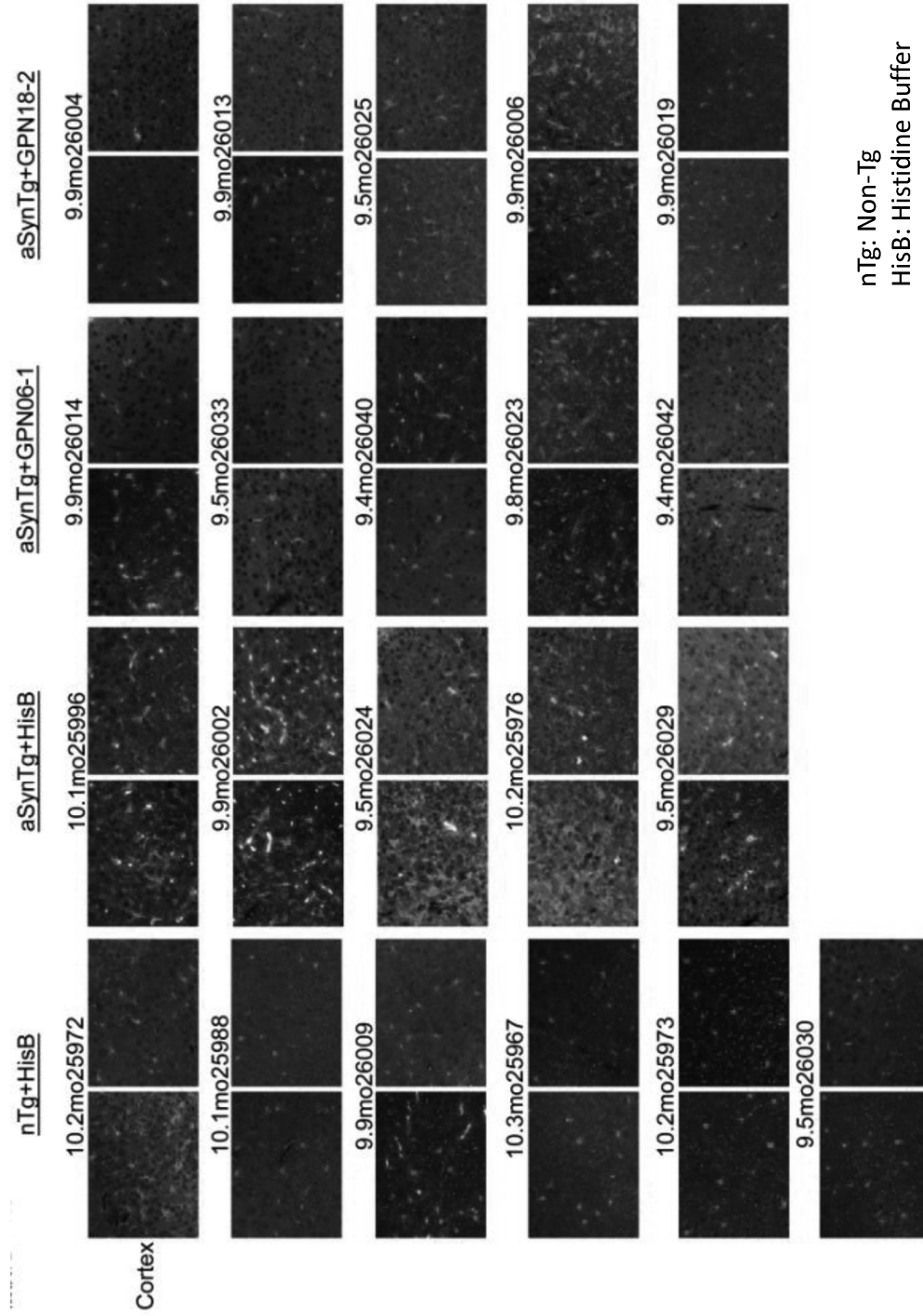


Figure 29

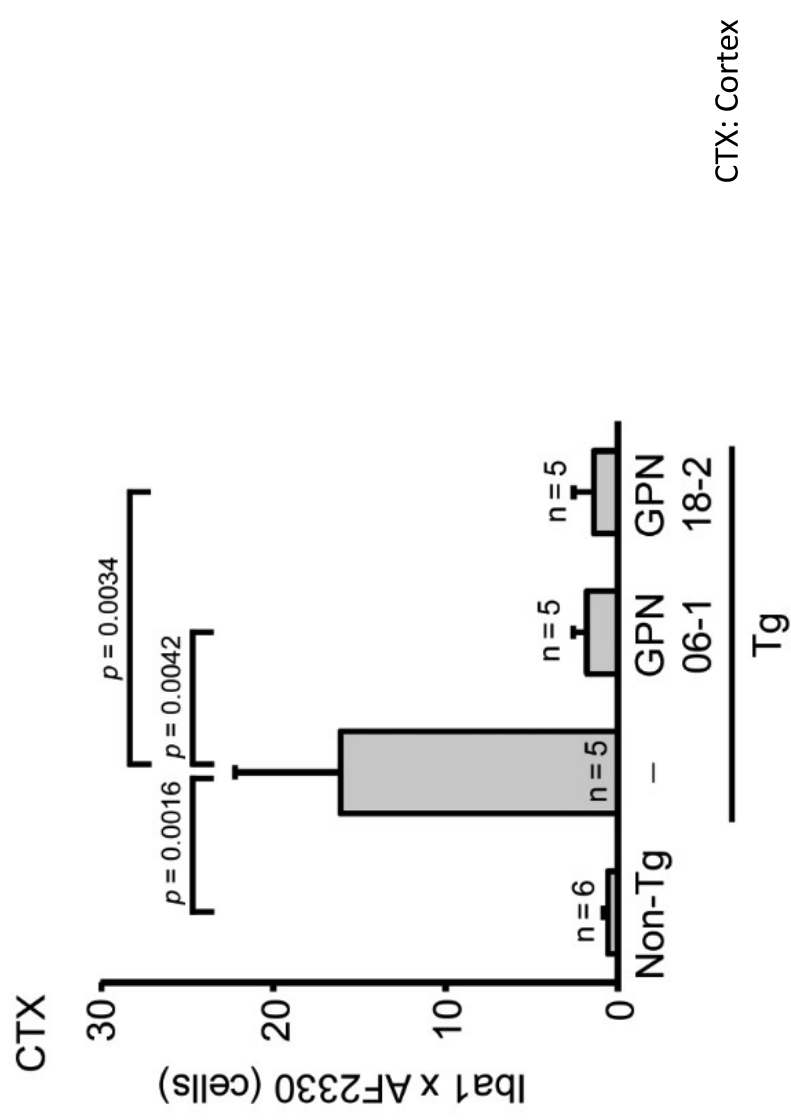


Figure 30

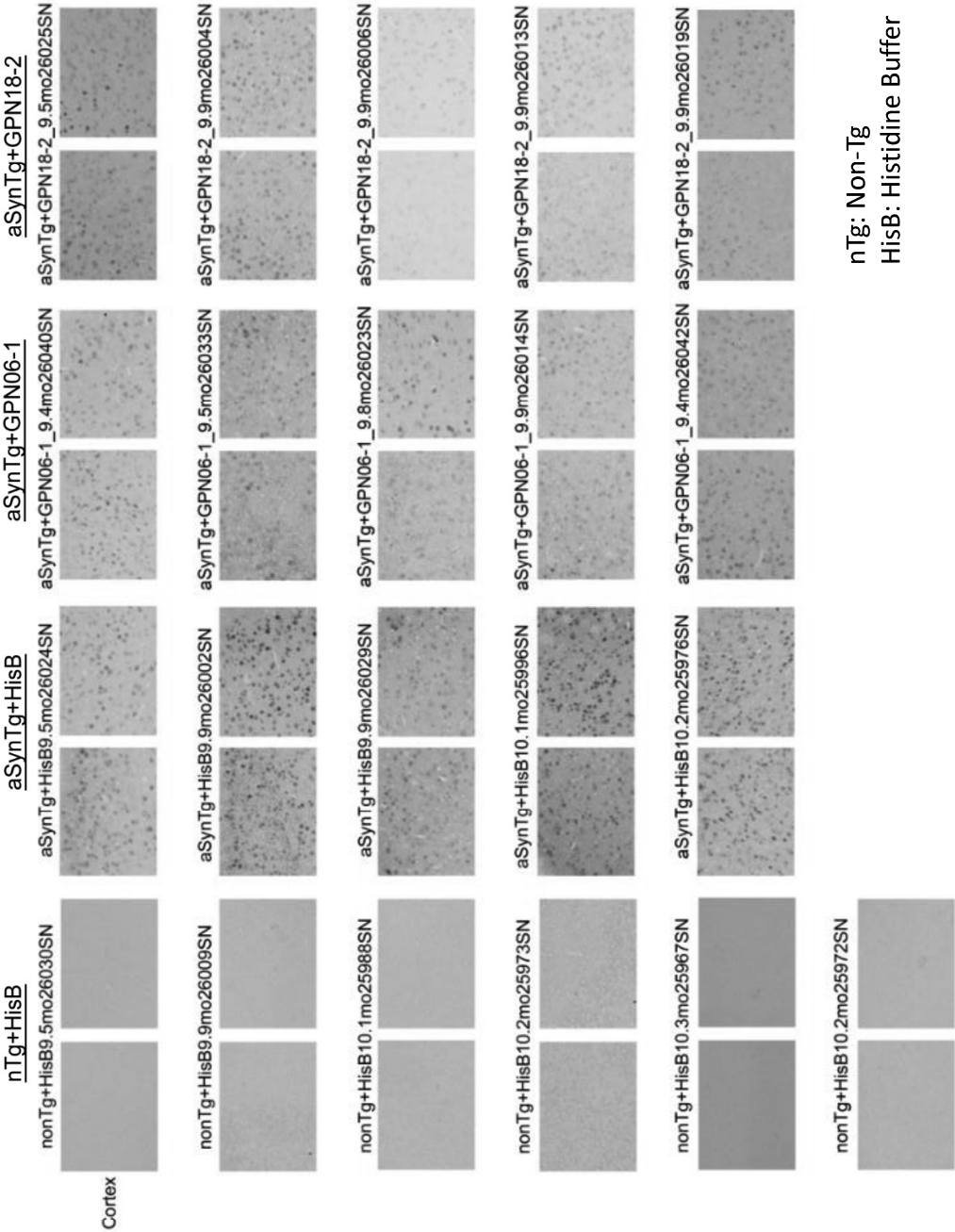


Figure 31

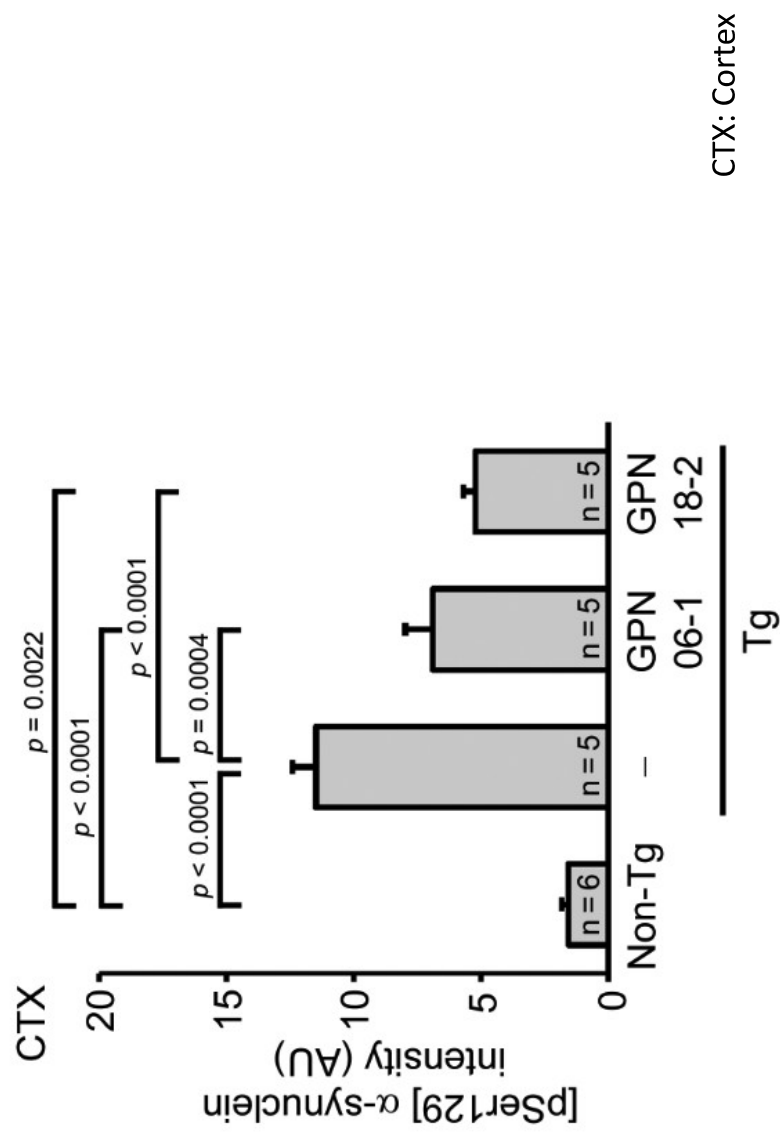


Figure 32

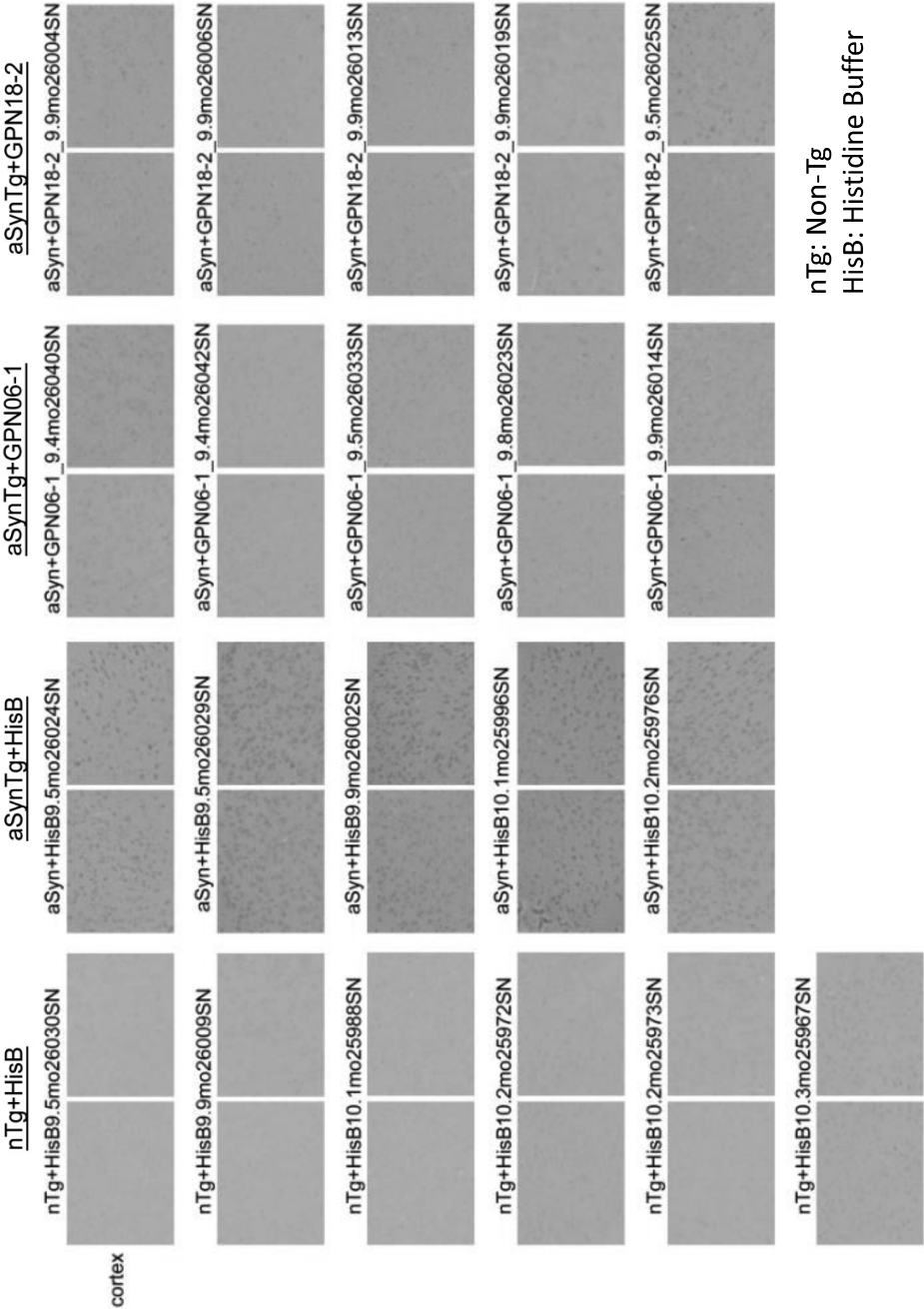


Figure 33

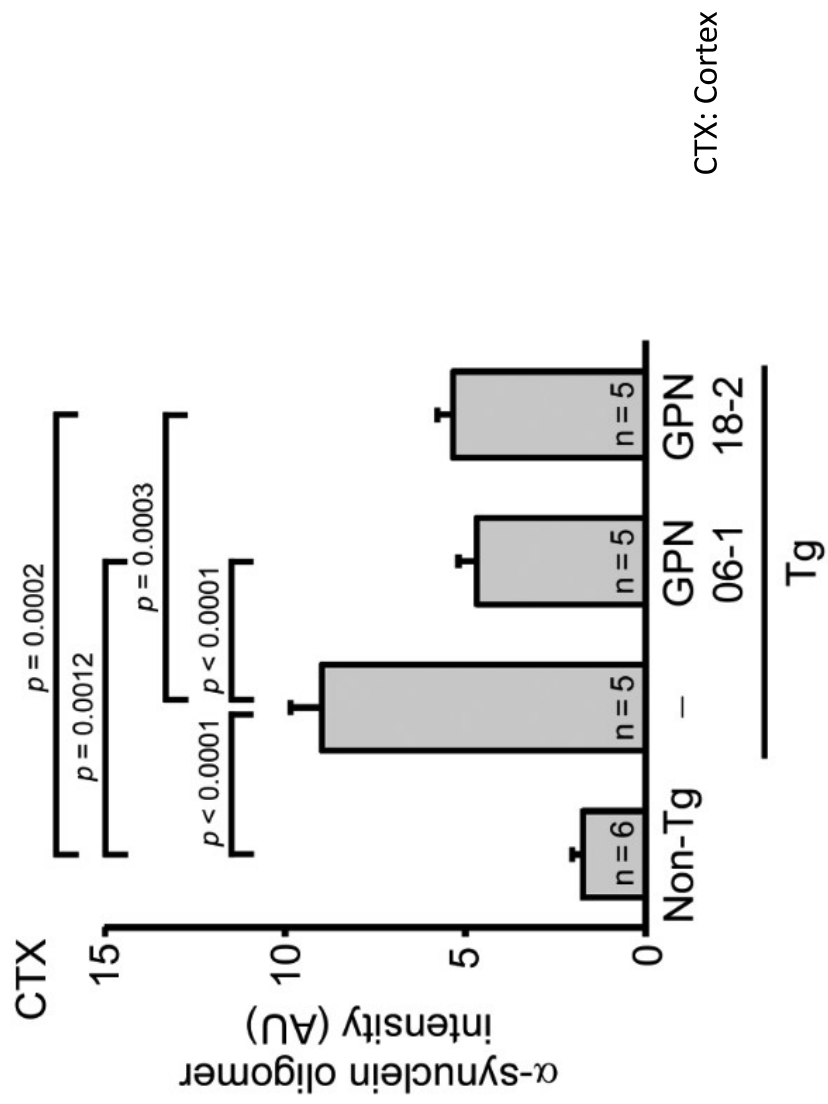
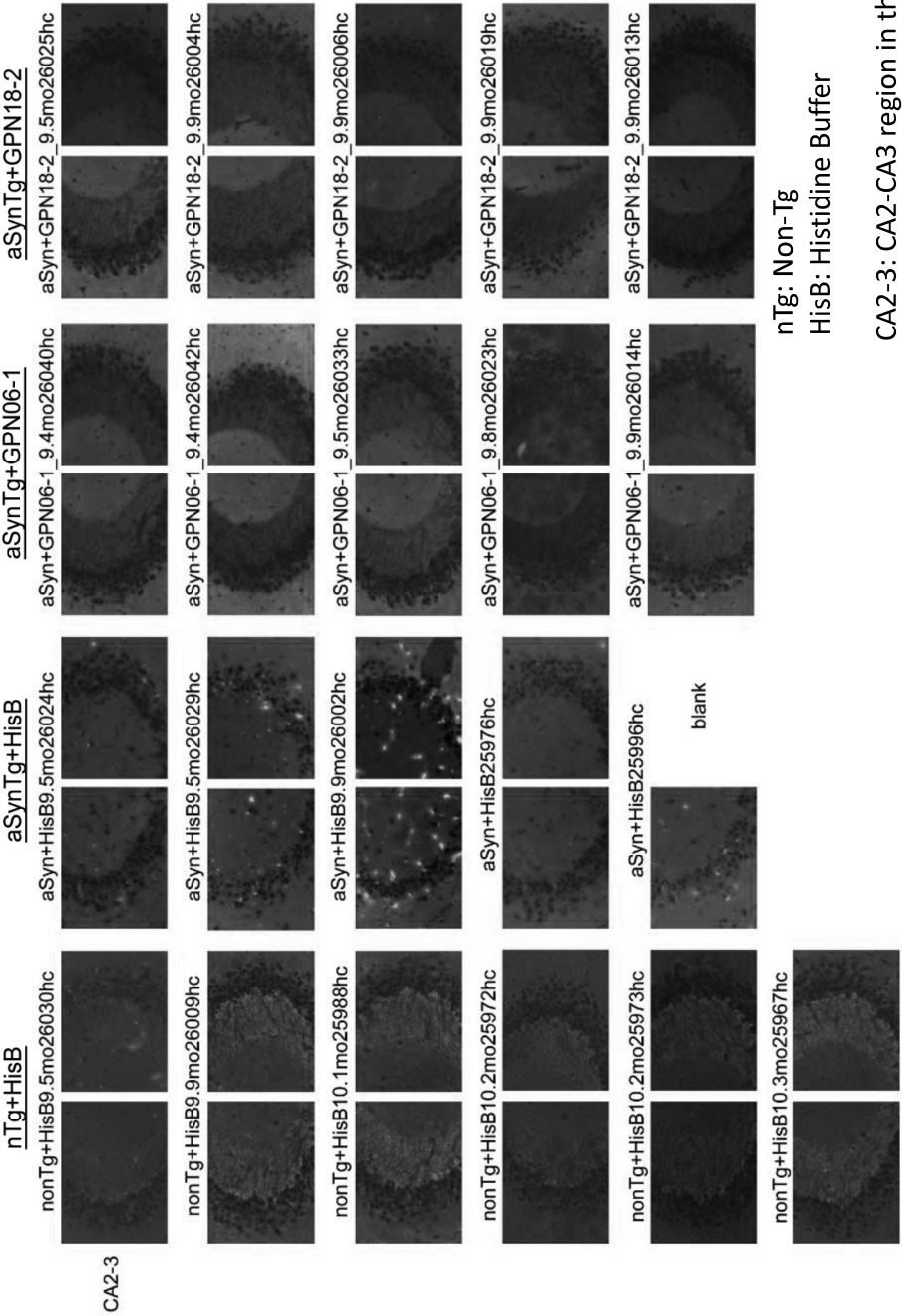


Figure 34



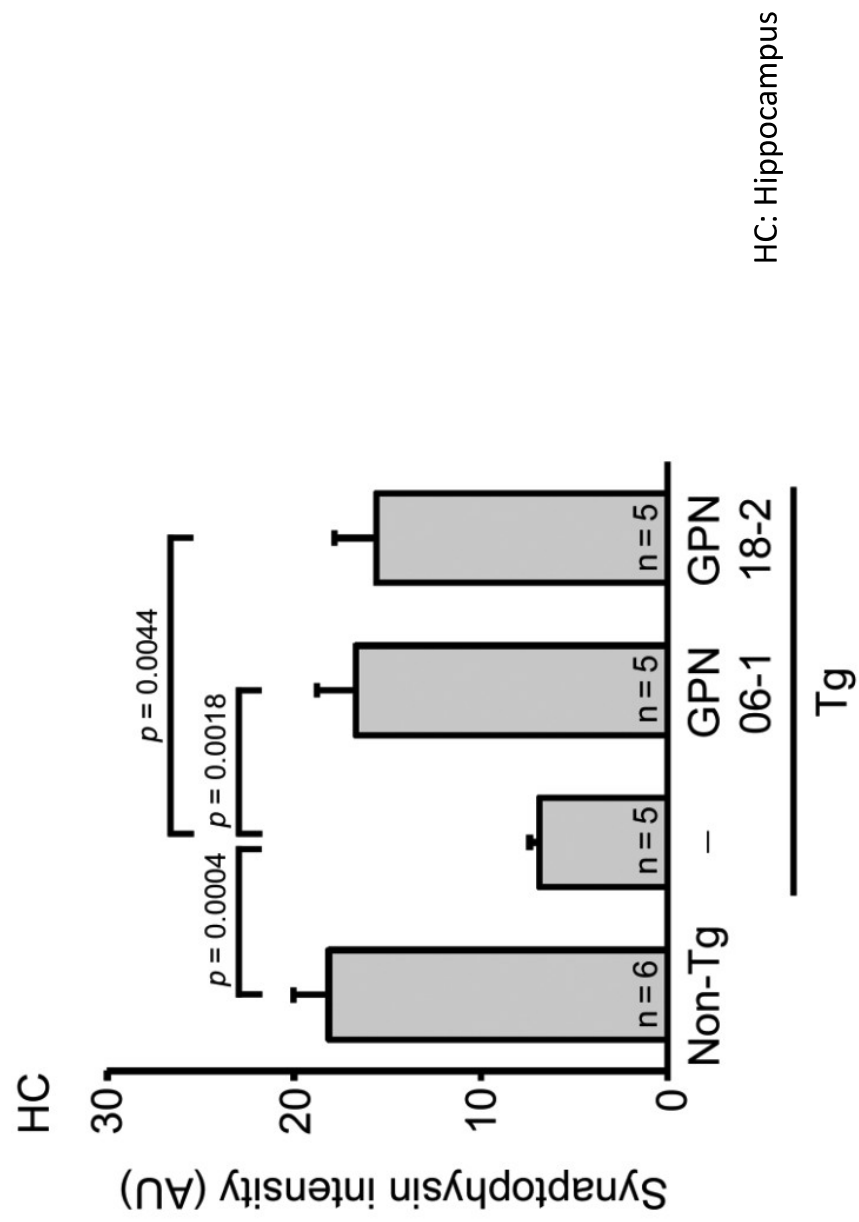


Figure 35