Glycosylation of the Sodium Channel β4 Subunit is Developmentally Regulated and Involves in Neuritic Degeneration. Ting-ting Zhou et al.

Supplementary Table S1 Summary of control and PD cases

Control

Case	Age	Gender	Postmortem interval (PMI)	Braak
C #1	82	Male	3:15	1
C #2	80	Male	4:15	1
C #3	81	Male	7:13	1
C #4	78	Female	5:31	1
C #5	72	Female	3:00	1

PD-B

Case	Age	Gender	Postmortem interval (PMI)	Braak
PD-B #1	84	Male	0:15	1
PD-B #2	57	Male	4:00	Rare
PD-B #3	81	Male	6:30	N/A
PD-B #4	82	Female	15:00	1
PD-B #5	82	Female	11:00	N/A

PD-L

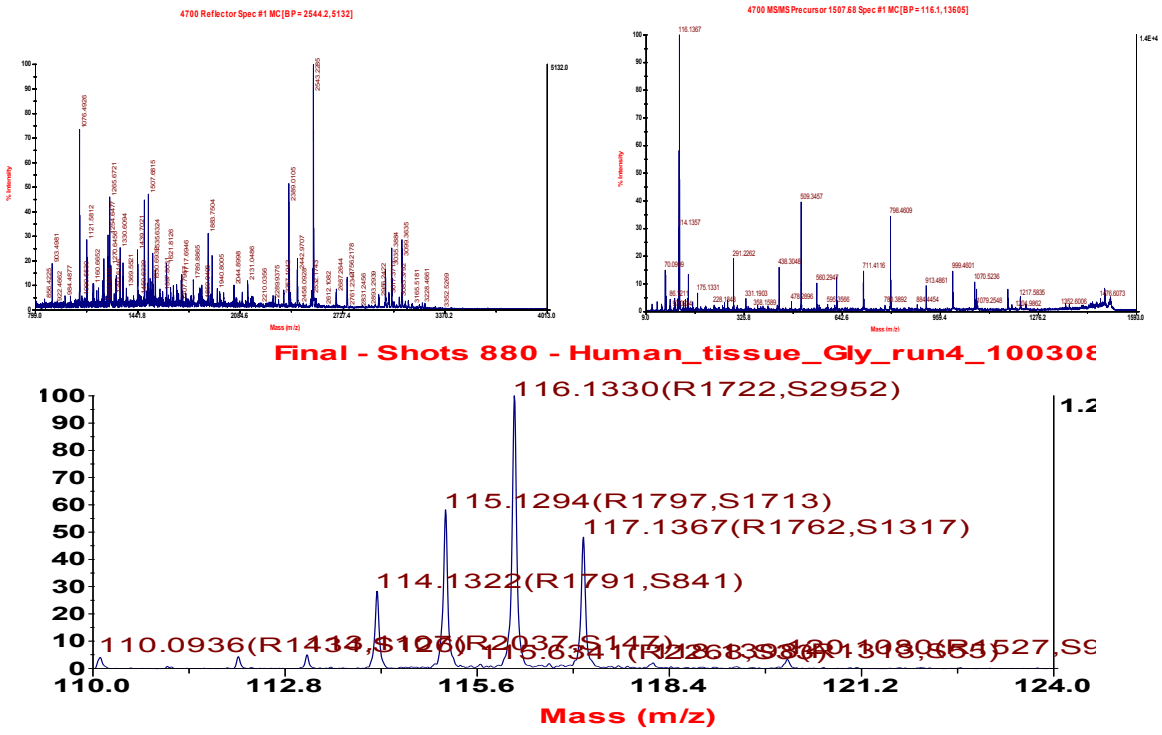
Case	Age	Gender	Postmortem interval (PMI)	Braak
PD-L #1	87	Male	2:30	2
PD-L #2	69	Male	9:55	1
PD-L #3	76	Male	12:10	2
PD-L #4	88	Female	6:30	2
PD-L #5	74	Female	4:30	2

PD-I

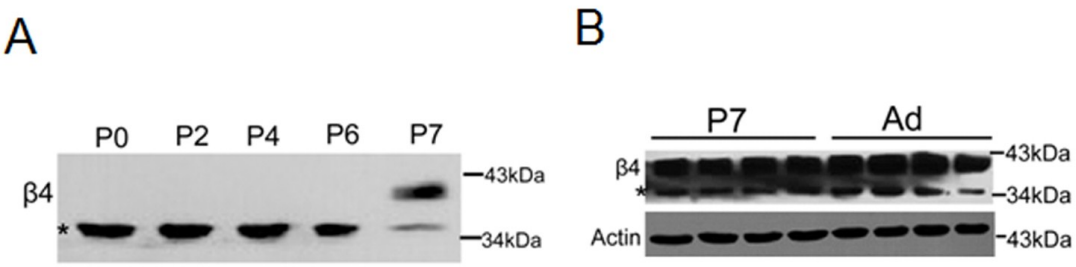
Case	Age	Gender	Postmortem interval (PMI)	Braak
PD-I #1	75	Male	5:00	2
PD-I #2	75	Male	1:30	1
PD-I #3	78	Male	4:56	N/A
PD-I #4	79	Female	12:45	2
PD-I #5	78	Female	10:00	4-5

Supplementary Table S2 The nucleotide sequence for amplifying β subunit cDNAs

	Forward Primer	Reverse Primer
Mouse β1	CCCTCGAGATGGGGACGCTGCTGGCTCT	CGGGATCCCAGCGCTATTCAGCCACCTG
Mouse β2	CCCTCGAGATGCACAGGCATGCCTGGCTAC	CGGGATCCGTGGTGCCATCTTCCGCGTTG
Mouse β3	CCCTCGAGATGCCTGCCTTCAACAGATT	CGGGATCCTTCCTCCACGGGTACCACAG



Supplementary Fig S1. MS, MS/MS and iTRAQ of sodium channel β4 subunit



Supplementary Fig S2. Developmental expression of the sodium channel β4 subunit in WT mice. (A) Expression of the sodium channel β4 subunit in postnatal 0(P0), P2, P4, P6 and P7.The ~38 kDa band was not expressed until postnatal day 7 in wild-type mice. (B) Equal amounts of postnatal 7 and adult (Ad) wild-type mice brain tissue samples (four per group, two groups in total) were sequentially analyzed with anti-β4 antibodies, and actin was used as the loading control. β4 expression as two different molecules of different MWs. There was no change in total protein between the two groups.