

Supplementary figure legends

Supplementary Figure 1: Taqman assay (qPCR) confirmation of the differential splicing of exon 2 in white matter as compared to cerebellar cortex and occipital cortex. Whereas exon 2 containing isoforms, 1N (exon 2+, 3-) and 2N (exon 2+, 3+), were expressed at significantly lower levels in white matter as compared to occipital cortex and cerebellar cortex, no differences in 0N (exon 2-, 3-) tau transcripts were observed.

Supplementary Figure 2: 3R and 4R-tau immunoreactivity in five brain regions of control brains, measured in ng of tau per mg of total protein by sandwich ELISA. Using non-parametric Kruskal-Wallis test followed by a post hoc Dunn's multiple comparisons. **(A)** Statistically significant differences in 3R-tau Levels between CRBL verses PUTM, OCTX and FCTX ($P < 0.001$) and CRBL verses WHMT ($P < 0.05$). **(B)** For 4R-tau levels, it shows significant differences between WHMT verses FCTX ($P < 0.001$); WHMT verses OCTX ($P < 0.01$) and FCTX verses CRBL ($P < 0.05$).

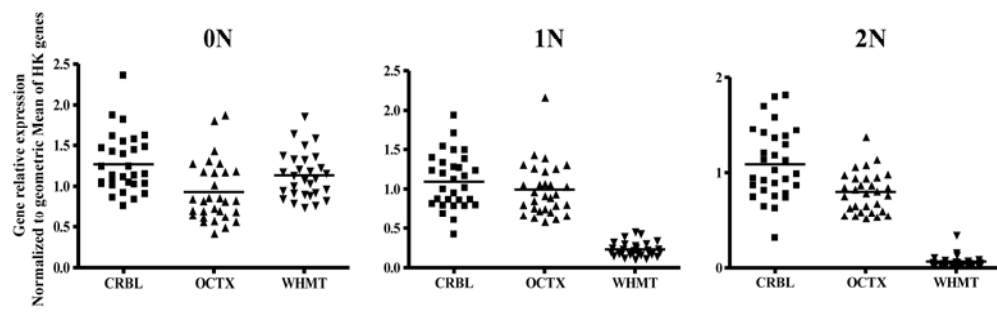
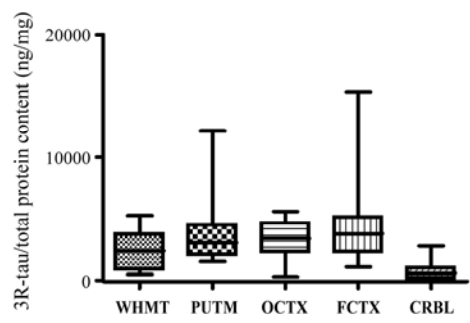
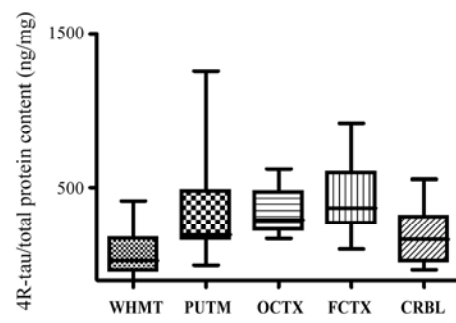


Fig. S1

A**B****Fig. S2**