

Supplementary data:

Structural and molecular myelination deficits occur prior to neuronal loss in the YAC128 and BACHD models of Huntington disease

Supplementary Table 1. Two-way ANOVA of mean FA in regions of interest (related to Figure 1)

Source of Variation	degree of freedom	Anterior CC		Posterior CC		CG		AC		EC	
		F	P-value	F	P-value	F	P-value	F	P-value	F	P-value
Genotype	1	24.97	< 0.0001	14.48	0.0003	18.45	0.0001	23.02	< 0.0001	4.22	0.04
Age	4	3.02	0.02	1.94	0.11	1.14	0.34	5.95	0.0004	2.37	0.06
Interaction	4	0.92	0.46	0.47	0.76	0.75	0.56	0.63	0.64	0.91	0.47

FA – fractional anisotropy; Dr – radial diffusivity; Dp – parallel diffusivity; AC – anterior commissure; CC – corpus callosum; CG – cingulum; EC – external capsule. Significant results highlighted in bold.