Supplementary Figure 1 Representative tractography measurements showing the group effect. The plots show the group-averaged tract volume (A) and MD (B) of the inferior (ICP), middle (MCP) and superior (SCP) cerebellar peduncles; left (L) and right (R) cingulate bundle (CB); left (L) and right (R) inferior longitudinal fasciculus (ILF); and the genu (CCg), anterior body (CCab), posterior body (CCpb), and splenium (CCs) of the corpus callosum. * indicates that the group average was significantly different from the asymptomatic carriers in the younger participants and from the FXTAS group in the older participants at false discovery rate 0.1.

Abbreviations: NC, normal controls; AP, asymptomatic premutation carriers; FP, premutation carriers with FXTAS.