

## **Description of Additional Supplementary Files**

**Supplementary Data 1:** Regions identified as neuronal-, glial- and non-specific from mouse striatal ChIPseq data

**Supplementary Data 2:** Interacting regions identified in 4Cseq data experiments in WT and Q140 striatum

**Supplementary Movie 1:** Three-dimensional model reconstruction of Htt vHi-C data using WT mouse striatum (using female sample) and superposing with H3K27ac, H3K27me3 and RNAPII signals of striatal ChIPseq data

**Supplementary Movie 2:** Three-dimensional model reconstruction of Htt vHi-C data using Q140 mouse striatum (using female sample) and superposing with H3K27ac, H3K27me3 and RNAPII signals of striatal ChIPseq data