# Figure S2

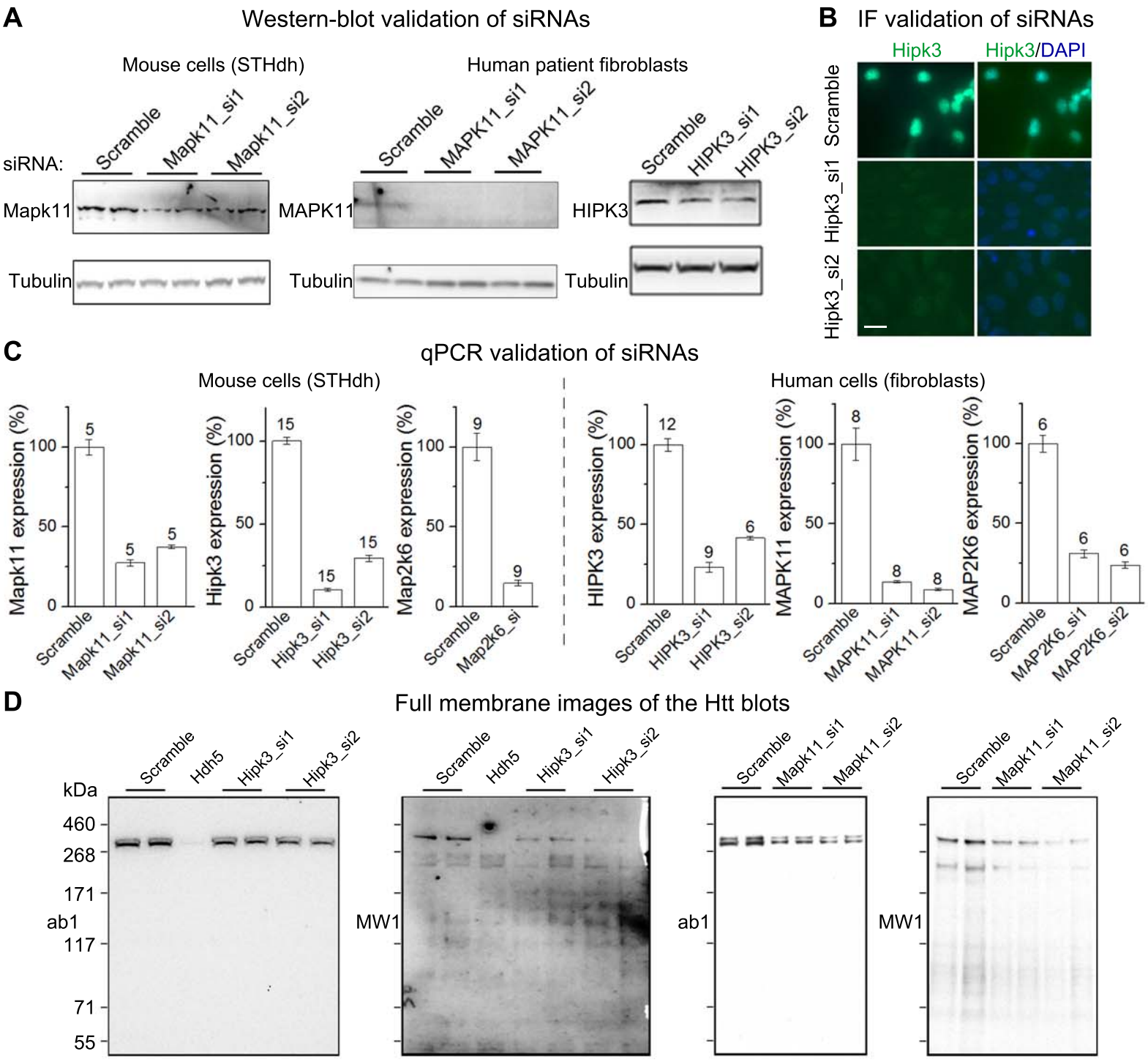


**Figure S2 - Supplementary to Figure 2: Validation of siRNAs**

**(A)** Representative western-blots showing the knock-down of target by Mapk11/MAPK11 siRNAs in both mouse (STHdh) and human (fibroblasts) cells, and HIPK3 siRNAs in human cells (fibroblasts). Due to many non-specific bands around 80 kD and low antibody affinity, we failed to detect mouse endogenous Hipk3 protein-specific western-blot signals in STHdh cells.

**(B)** Immunofluorescence (IF) experiments confirming the expression and knock-down of Hipk3 proteins in the STHdh cells. *Scale* bar: 20 µm. The anti-Hipk3 antibody from GeneTex (#GTX108369) was used as the primary antibody, and the same antibody was used for human putamen slices (Figure S3E). This antibody fails to give signals in western-blot experiments.

**(C)** qPCR results showing the knock-down of target by the kinase siRNAs used in this study. Different siRNAs were used for human and mouse targets and validated in mouse (*left* three panels) and human cells (*right* three panels), respectively. Expression is normalized to the Scramble siRNA transfected control sample. Data are plotted as mean and s.e.m.

**(D)** Full-membrane blots of the Htt western-blots in Fig. 2A showing that the reduction of full length Htt is not due to increase of cleavage products.