

Figure S2. hIF1 is localized in mitochondria. Upper panels, HeLa cells were transfected with the pCMV-SPOR6-H49K plasmid and processed for immunofluorescene microscopy for hIF1 (red) and β -F1-ATPase (β -F1, green). Immunohistochemistry for hIF1 (red) and β -F1-ATPase (β -F1, green) in brain cortex of control (wt, middle panel) and H⁺/T⁺ (lower panel) mice. Magnification 40x (upper panel) and 20x (middle and lower panel). Note that hIF1 is only expressed in neurons of H⁺/T⁺ mice whereas β -F1-ATPase is present in glia and neurons of both phenotypes.