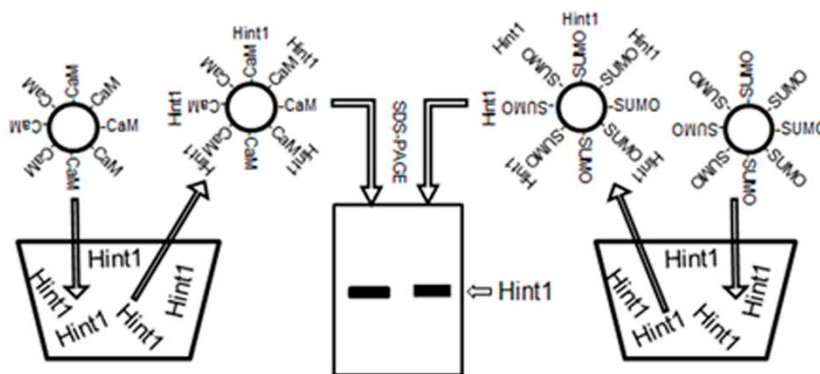


Human HINT1 mutant proteins that cause axonal motor neuropathy exhibit anomalous interactions with partner proteins

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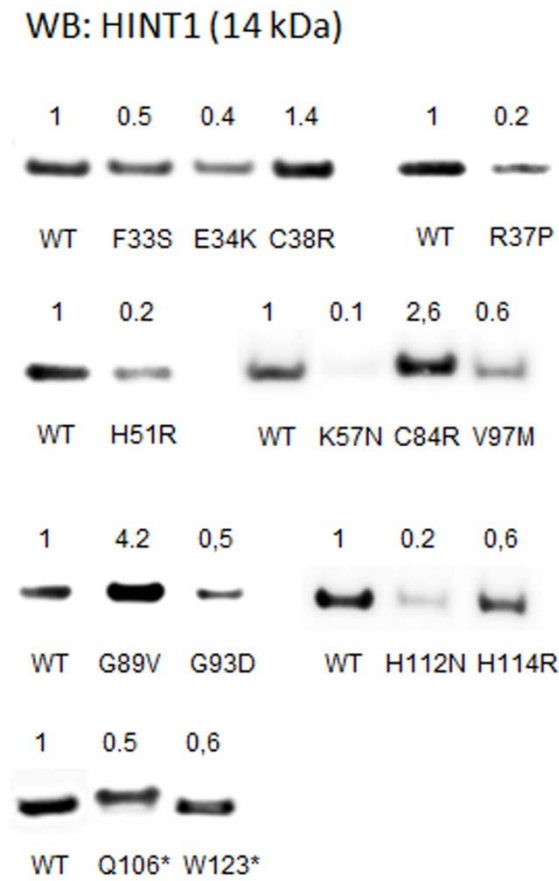
Supplemental Figures



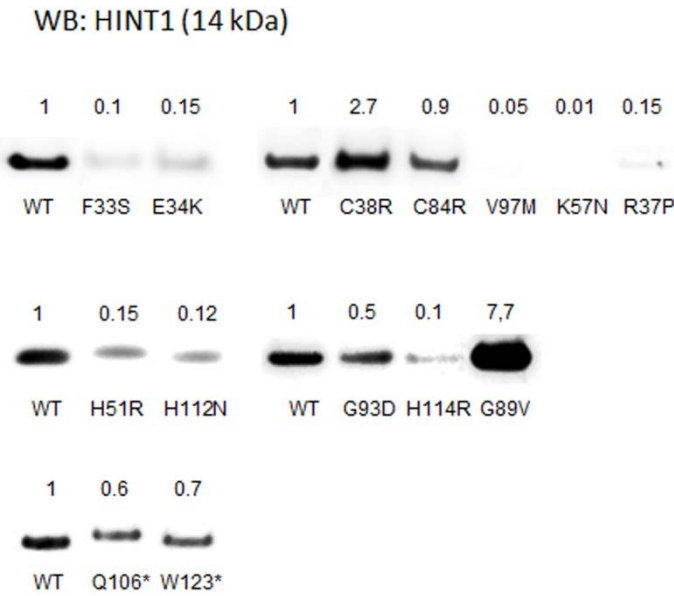
- Agarose beads; HINT1 interacting proteins are covalently attached. CaM and SUMO are depicted as examples. Target proteins: HINT1 wild type and its human mutants.

Supplemental Figure 1. Typical pull-down assays.

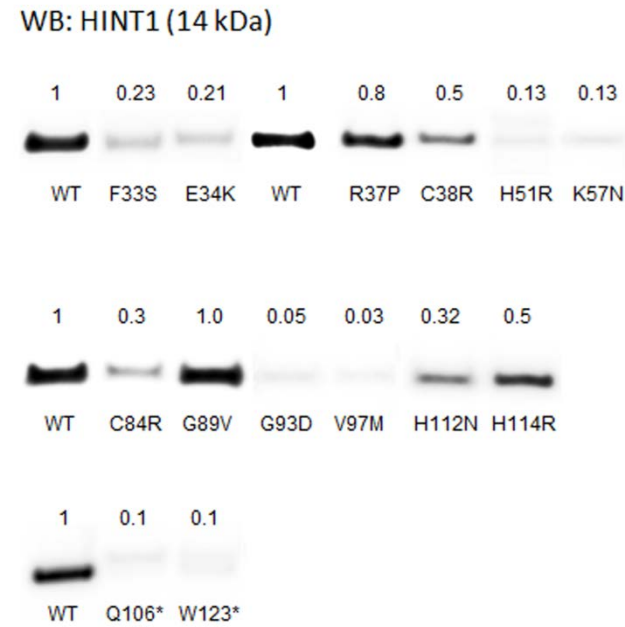
2



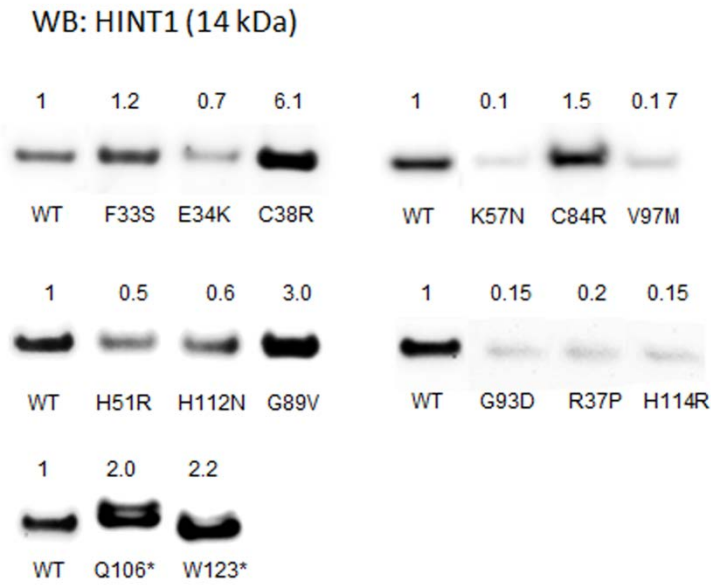
Supplemental Figure 3. Binding of HINT1 wild type and its human mutants to CaM-agarose. Details in Supplemental Figures 1, 2 & 8.



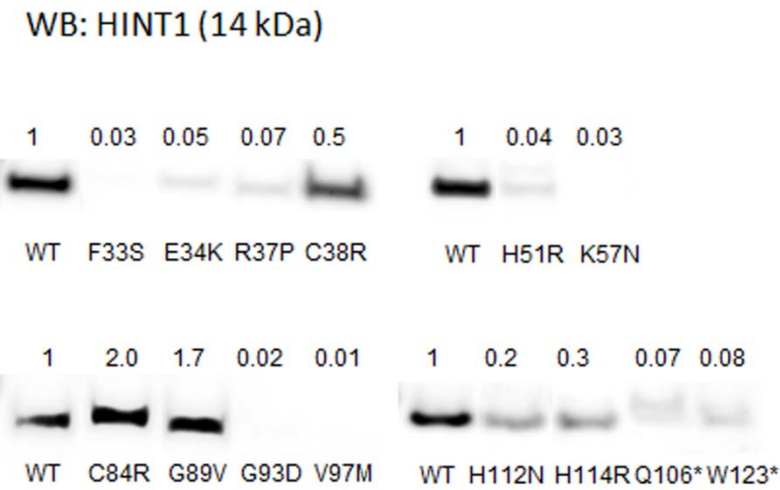
Supplemental Figure 4. Binding of HINT1 wild type and its human mutants to NR1-agarose. Details in Supplemental Figures 1, 2 & 8.



Supplemental Figure 5. Binding of HINT1 wild type and its human mutants to MOR C terminus-agarose. Details in Supplemental Figures 1, 2 & 8.



Supplemental Figure 6. Binding of HINT1 wild type and its human mutants to RGSZ2-agarose. Details in Supplemental Figures 1, 2 & 8.



Supplemental Figure 7. Binding of HINT1 wild type and its human mutants to ICD teneurin 1-agarose. Details in Supplemental Figures 1, 2 & 8.

WB: HINT1 (14 kDa)



Supplemental Figure 8. The assay was conducted with 1/3 the amount of HINT1 wild type and its human mutants used to study their interaction with the proteins described in Figs 2-7.