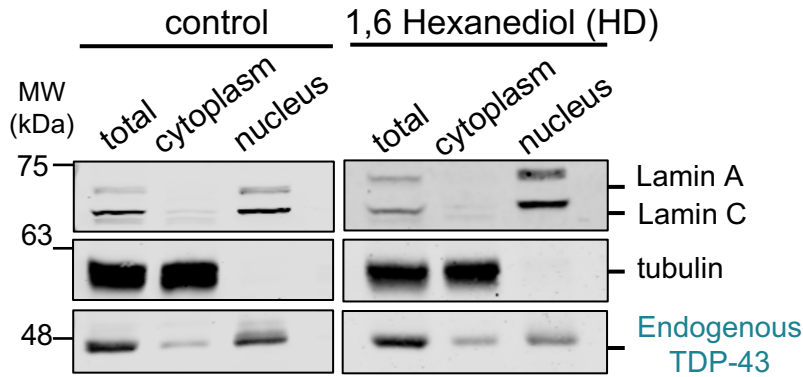
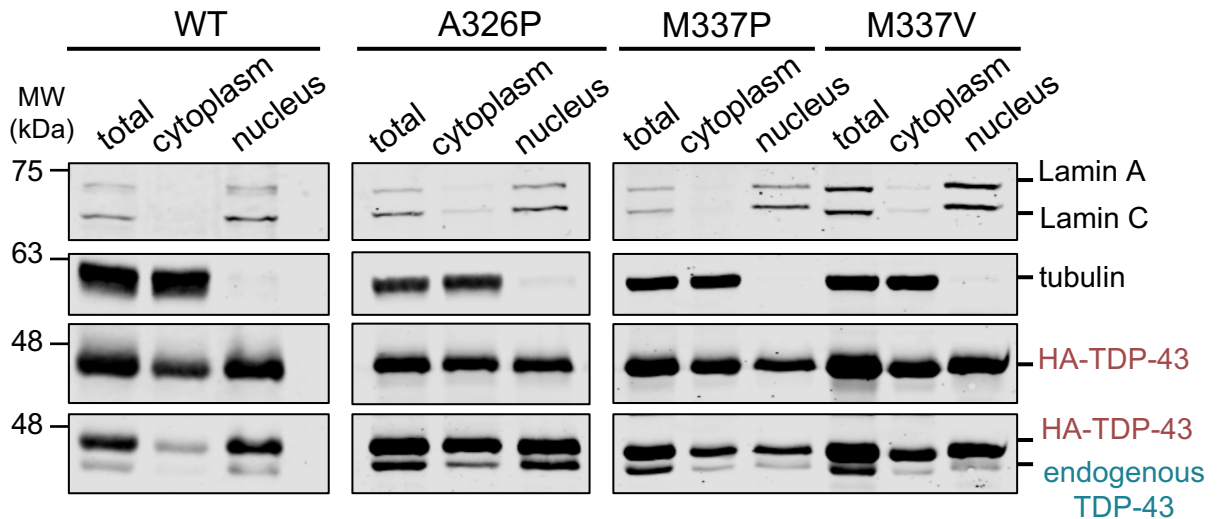
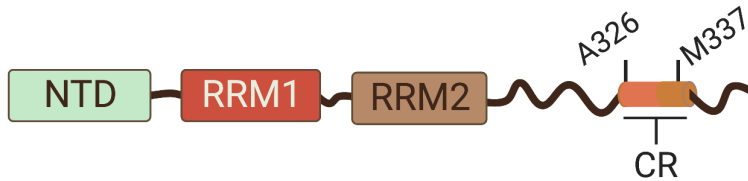


A



B



### Supporting Figure 2. Inhibition of phase separation disrupts TDP-43 nuclear retention.

A) Biochemical fractionation of HEK293 cells treated with 1,6 hexanediol (HD, 5% for 5 min), or non-treated cells into nuclear and cytoplasmic compartments. Immunoblots probed for endogenous TDP-43 in total, nuclear and cytoplasmic fractions. Lamin and tubulin are nuclear and cytoplasm controls, respectively. B) Immunoblots of total, nuclear and cytoplasmic fractions from HEK293<sup>HA-TDP-43</sup> cells expressing phase separation-defective mutants, including ALS-linked M337V. Source images can be found in S1 Raw Images.