

**Supplemental Figure S9: Human** *TBC1D3* **predicted tertiary structure.** Human *TBC1D3* was predicted with Alphafold2 (<a href="https://alphafold.ebi.ac.uk/">https://alphafold.ebi.ac.uk/</a>). Human lineage amino acid changes, including the modified carboxy terminus, are indicated with violet. We observe that the 41 aa novel C-terminus tertiary structure could not be predicted and is disordered.