**Table S1 - TorsinA interacting proteins described in the literature retrieved from the Cytoscape software (only the interactions described in the IMEx databases were retrieved).** The *TOR1A* interactors, as well as, the uniprot accession number is indicated.

|  |  |  |
| --- | --- | --- |
| Uniprot accession | Gene name | Protein name |
| P0CG48 | UBC | Polyubiquitin-C |
| Q9H497 | TOR3A | Torsin 3A |
| O14657 | TOR1B | Torsin 1B |
| Q8NFQ8 | TOR1AIP2 | Torsin 1A-interacting protein 2 |
| Q5JTV8 | TOR1AIP1 | Torsin 1A-interacting protein 1 |
| O14656 | TOR1A | Torsin 1A |
| Q8WXE9 | STON2 | Stonin 2 |
| P37840 | SNCA | Alpha-synuclein |
| O95295 | SNAPIN | SNARE-associated protein Snapin |
| P02545 | LMNA | Prelamin-A/C |
| Q9P2G3 | KLHL14 | Kelch-like protein 14 |
| P16104 | H2AFX | Histone H2AX |
| Q9UK22 | FBXO2 | F-box only protein 2 |
| Q14204 | DYNC1H1 | Cytoplasmic dynein 1 heavy chain 1 |
| Q9UBM7 | DHCR7 | 7-dehydrocholesterol reductase |
| Q9BT78 | COPS4 | COP9 signalosome complex subunit 4 |
| Q9P003 | CNIH4 | Protein cornichon homolog 4 |
| P27824 | CANX | Calnexin |
| Q99750 | MDFI | MyoD family inhibitor |
| Q9UBS4 | DNAJB11 | DnaJ homolog subfamily B member 11 |
| P14625 | HSP90B1 | Endoplasmin |
| Q96NW7 | LRRC7 | Leucine-rich repeat-containing protein 7 |
| Q2MV58 | TCTN1 | Tectonic 1 |
| Q8IWL3 | HSCB | Iron-sulfur cluster co-chaperone protein HscB, mitochondria |