**S2 Table. List of genes modulated either by knockdown or mutant expression and the ability of PGRN to rescue the associated phenotype in zebrafish.**

|  |  |  |  |
| --- | --- | --- | --- |
| **GENE Knockdown (KD)/ mutant (mut)** | **Rescued by PGRN** | **Rescued by****zfPGRN-1** | **Reference** |
| *Grn-A* KD |  + |  | [51, 52], this article |
| *Grn-A* KD |  |  - | This article |
| *TARDBP -43* KD |  + |  | This article |
| *FUS* KD |  + |  | This article |
| *SMN-1* KD |  + |  | [51] |
| TDP-43 (A315T)/(G348C) |  + |  | [52], this article |
| FUS (R521H) |  + |  | This article |
| *SOD1*(A4V) |  - |  | [52] |
| *NRP-1*KD |  - |  | [51] |