|  |  |  |  |
| --- | --- | --- | --- |
| Type | RNAi | gene | Function |
| *asp-17*p::gfp suppression | *T09A5.11* | *ostb-1* | oligosaccharyl-transferase |
| *F37B12.3* | *nus-1* | dehydrodolichyl diphosphate synthase |
| *T12A2.2* | *stt-3* | oligosaccharyl-transferase |
| *W02F12.5* | *dlst-1* | dihydrolipoamide S-succinyl-transferase |
| *ZK686.3* | *ost-3* | oligosaccharyl-transferase |
| *F48E3.3* | *uggt-1* | glycoprotein glucosyltransferase |
| ER stress regulation pathway | *Y54G2A.23* | *manf-1* | sulfatide binding and cytoprotecting |
| *R12E2.13* | *sdf-2* | mannosyl-transferase |
| *C06A1.1* | *cdc-48.1* | ER-associated misfolded protein catabolic |
| *C41C4.4* | *ire-1* | ER unfolded protein response (UPR) |
| *R74.3* | *xbp-1* | ER UPR and *asp-17*p::GFP induction |
| autophagy regulation | *F30A10.6* | *sac-1* | phosphatidylinositide phosphatase |
| *W09C5.7* | *sac-2* | inositol polyphosphate-5-phosphatase |
| *B0261.2* | *let-363* | mechanistic target of rapamycin kinase |

**S4 Table. RNAi phenotypic analysis of genes for collagen secretion.**