

**Table S3 RNAi inactivations that lead to elevated expression of the *Phsp-4::GFP* reporter**

Sequence name	Gene name	Brief description of gene product
F19B6.2	<i>ufd-1</i>	protein involved in recognition of polyubiquitinated proteins
F59E12.5	<i>npl-4.2</i>	ubiquitin-binding protein involved in protein degradation
C06A1.1	<i>cdc-48.1</i>	an AAA ATPase homologous to yeast Cdc48 and mammalian p97/VCP
C41C4.8	<i>cdc-48.2</i>	an AAA ATPase that is one of two <i>C. elegans</i> p97/VCP/CDC48 homologs
Y38A8.2	<i>pbs-3</i>	a B-type subunit of the 20S protease core particle of the 26S proteasome
F23F12.6	<i>rpt-3</i>	an AAA ATPase subunit of the 19S regulatory particle of the 26S proteasome
C52E4.4	<i>rpt-1</i>	one of six ATPases of the 19S regulatory particle of the 26S proteasome
C23G10.4	<i>rpn-2</i>	subunit RPN2/PSMD1 of the 26S proteasome regulatory complex
F47D12.4	<i>hmg-1.2</i>	HMG box-containing protein
F31E3.1	<i>ceh-20</i>	homeobox family member
R02F2.2		Rho guanine nucleotide exchange factor 17
K04E7.2	<i>pep-2</i>	a low affinity/high capacity oligopeptide transporter
Y6E2A.2	<i>str-101</i>	a seven-TM receptor
M03F4.6		a protein containing Ca <sup>2+</sup> -binding EGF-like domains
F38E9.4		a protein involved in lipid storage
Y11D7A.9		FGF receptor activating protein 1
C04C3.3	<i>pdhb-1</i>	pyruvate dehydrogenase complex E1 beta subunit
F53F4.5	<i>fmo-4</i>	flavin-containing monooxygenase family member
F08C6.1	<i>adt-2</i>	disintegrin metalloproteinase with thrombospondin repeats
C09D1.1	<i>unc-89</i>	Ca <sup>2+</sup> /calmodulin-dependent protein kinase
F26A3.2	<i>ncbp-2</i>	nuclear cap-binding protein complex
C24H11.7	<i>gbf-1</i>	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1
C36B1.8	<i>gls-1</i>	transducer of the stress-activated PKC1-MPK1 signaling pathway
Y65B4BR.5	<i>icd-2</i>	transcription factor containing NAC and TS-N domains