## Table S2 List of sequences and sources for transgene construction

### A. Primer sequences for GFP transcriptional fusions

| Regulatory region | Forward primer (5′ to 3′) | Reverse primer (5′ to 3′) |
|---|---|---|
| *cgh-1* | *Sph*I - tatcacagatttctggttgaatatgagg | *Kpn*I - tttccgatgtcgtagtaggtttgatttc |
| *cpb-3* | *Sph*I - accggaggaagcttggtgaagcaatg | *Kpn*I - ggtgaatgcttttatcaacggc |
| *dcr-1* | *Sph*I - aggattaaaatcttgaacatattgcccg | *Kpn*I - tattggtctgaaaacagggaaaattgat |
| *ddx-17* | *att*B1 - gtatttcgtgacgtcactgcg | *att*B2 - tatcctctgtctcccattgtc |
| *larp-5* | *att*B1 - tccactcttccattacgttcgggc | *att*B2 - ctccgaaaagggacgtcgacgccg |
| *mbl-1* | *att*B1 - tttgggattacttcggtgctc | *att*B2 - ccgatcgtgcgcattgtcc |
| *mtr-4* | *Sph*I - tcgccacgaaaccacaccaaacggcgag | *Kpn*I - ttagtctgaaaaatgtgccacaataaaa |
| *rsp-3* | *att*B1 - gccctatcttaaatggccgg | *att*B2 - gtttagtacactgaaaatgaag |
| *rsp-6* | *att*B1 - gtgtaaatgtgatgcattcgag | *att*B2 - actgaaaaatcaaattaatttatg |
| *set-2* | *att*B1 - tgaatagcaaacttcatatcc | *att*B2 - ttcccatcaattatttattgatgc |
| *Y55F3AM.3* | *att*B1 - tcaaattgatgtttctattcgc | *att*B2 - ggagctgaccccgcttcaaa |

For *sup-26,* an existing transgene, *smIs259[*$P_{sup\text{-}26}$*::sup-26 cDNA::GFP],* was used (Mapes *et al.* 2010).

### B. Primer sequences for GFP translational fusions to GFP

| cDNA (source) | Forward primer (5′ to 3′) | Reverse primer (5′ to 3′) |
|---|---|---|
| *cgh-1* (yk85e1, yk1658a03) | *att*B1 - atgagtggagcggagcaacaacag | *att*B2 - agcagtggtctcatcggcggc |
| *cpb-3* (this study) | *att*B1 - atgaacctgaatgaccgagtggaag | *att*B2 - accggaggaagcttggtgaagcaatg |
| *ddx-17* (this study) | *att*B1 - atgggagacagaggatacggagg | *att*B2 - ccatcggccacctccaccgctgc |
| *larp-5* (yk1291c05, yk400c5) | *att*B1 - atggacacgttcgagctcgactcg | *attB2* - cctgaacgtcggtttttgtggcgg |
| *mbl-1* (this study) | *att*B1 - atgttcgacgaaaacagtaatgccg | *att*B2 - gaatggtggtggctgcatgtac |
| *mtr-4* (yk506b7, yk430a11) | *att*B1 - atggccgatcttttcgacgaattc | *att*B2 - tagatagagagatgcagcgaaaac |
| *rsp-3* (yk1100h10, yk1195c10) | *att*B1 - atgccacgcggcggctcagagg | *att*B2 - ttgtggagatggtgagcgagatgg |

| | | |
|---|---|---|
| *rsp-6* (this study) | *att*B1 - atggacgccaaggtgtacgtcg | *att*B2 - gtgcggagaagcagaacggctgc |
| *set-2* (yk21g8, yk320e10) | *att*B1 - atgtccacacatgatatgaacc | *att*B2 - attaagatatccacgacacgtc |
| *sup-26* (D. Xue, J. Mapes) | *att*B1 - atgaacgcatcttcggctccac | *att*B2 - ttgtggattcatcggctggaaatac |
| *Y55F3AM.3* (this study) | *att*B1 - atgaccgacggatcgatgg | *att*B2 - atatctgccatatccaccatattg |

## C. Primer sequences for RNAi vectors

| RNAi target | Forward primer (5′ to 3′) | Reverse primer (5′ to 3′) |
|---|---|---|
| *B0511.6* | *att*B1 - gcattgacgtcaagaagaaggtgc | *att*B2 - ccacccatcactaatccatacg |
| *C44B7.2* | *att*B1 - atgcaaggaagaggcggatatcatcacg | *att*B2 - atctggaagagtgaagtctcgttgatc |
| *cyn-13* | *att*B1 - aatttccagctccgccacacaatgcccg | *att*B2 - taagtctccatagcctgcggaagcggc |
| *ddx-17* | *att*B1 - tggtctgccgagaacctta | *att*B2 - caattcacgagttggaagca |
| *rps-3* | *att*B1 - cgtgaccaagaagaagaaggccg | *att*B2 - gatgtagtcgttgactgggtgtcc |
| *Y23H5B.6* | *att*B1 - tatgcctcacacaaacggaaaaggcggcg | *att*B2 - atttgtgcaaactctgcacaaatccttg |
| *ZC190.4* | *att*B1 - tatcttggatactggctgaaaaagttgcg | *att*B2 - tacacaactgggtatgatgaagggcac |
| ZC434.3 | *att*B1 - tatgcgtctcgtgaaaccactgatagtgg | *att*B2 - ctagttatttctgagttgtcttcgaaaatc |

Genomic fragments PCR-amplified with primers sequences given were cloned into pDONR221 with a BP reaction and then cloned into a double-T7 plasmid with a Gateway entry site (modified from pPD129.36) using an LR reaction (Invitrogen).