|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Gene** | **% Ext.** | **Gene** | **% Ext.** | **Gene** | **% Ext.** | **Gene** | **% Ext.** |
| *aco-2*3 | 19 | *egl-45*1 | 52 | *npa-1*1 | 32 | T07A9.81,3 | 24 |
| *age-1*3 | 31 | *eif-3.B*1 | 51 | *nuo-1*1 | 23 | T09A5.83 | 3 |
| *asb-2*2 | 46 | *eif-3.F*1 | 32 | *nuo-2*2 | 42 | T20H4.53 | 23 |
| *asg-2*3 | 6 | *erm-1*1 | 15 | *nuo-3*2 | 32 | T21B10.11 | 17 |
| *atp-2*1 | 43 | *ero-1*1 | 32 | *nuo-4*2,3 | 34 | T27F7.31 | 25 |
| *atp-3*1,2 | 45 | F09F7.53 | 4 | *nuo-5*2 | 31 | *tag-181*1 | 21 |
| *atp-4*2 | 33 | F19B6.11 | 35 | *pat-4*1,2 | 13 | *tag-300*1 | 23 |
| *atp-5*2 | 40 | F21H12.13 | 9 | *pat-6*2 | 21 | *tag-60*3 | 11 |
| B0261.43 | 11 | F25G6.21 | 24 | *pfn-2*3 | 10 | *tpa-1*1 | 28 |
| B0511.61 | 50 | F26A3.41 | 26 | *phi-37*1 | 27 | *ttr-1*2 | 14 |
| C01F6.13 | 5 | F26E4.61,3 | 31 | *pos-1*1 | 20 | *ubh-4*3 | 3 |
| C09B7.23 | 10 | F35D2.33 | 3 | *prx-5*1 | 38 | *unc-52*1 | 11 |
| C18E9.43 | 4 | F40F8.53 | 3 | R08E3.33 | 11 | *unc-62*1 | 38 |
| C26B2.23 | 3 | F43E2.71 | 21 | *rab-10*2 | 16 | *unc-83*3 | 5 |
| C32H11.13 | 8 | F43G9.13 | 23 | *rha-2*2 | 32 | *vha-6*1 | 24 |
| C33F10.123 | 13 | F49F1.123 | 5 | *ril-1*2 | 32 | W07E6.11 | 31 |
| C36H8.13 | 8 | F53F4.111 | 26 | *ril-2*2 | 15 | W09C5.83 | 27 |
| C39F7.23 | 9 | F57B10.33 | 9 | *rnf-5*3 | 3 | W09H1.53 | 6 |
| C56G2.11 | 20 | F59B8.23 | 6 | *rps-11*1 | 28 | Y105C5B.121 | 27 |
| *cchl-1*2 | 36 | F59C6.51 | 19 | *rps-3*1 | 32 | Y37D8A.123 | 8 |
| *cco-1*2,3 | 61 | *gcy-29*3 | 6 | *rps-8*1 | 18 | Y39F10C.13 | 11 |
| *cco-2*2 | 57 | *gei-15*1 | 13 | *sams-1*2 | 15 | Y39H10A.63 | 12 |
| *cct-4*1 | 28 | *glp-1*1 | 33 | *sas-5*1 | 30 | Y43F8B.123 | 9 |
| *cct-6*1 | 20 | *gpi-1*2 | 34 | *scrm-1*3 | 8 | Y43h11AL.23 | 5 |
| *ced-3*1 | 19 | H06H21.83 | 4 | *sel-5*1 | 29 | Y46H3C.63 | 5 |
| *ceh-18*3 | 20 | *hrp-1*1 | 49 | *sem-5*1 | 24 | Y53F4B.233 | 3 |
| *col-93*3 | 3 | *htp-3*1 | 19 | *set-15*3 | 5 | Y54E10BR.41 | 15 |
| *crn-5*1 | 41 | *iff-1*3 | 10 | *set-9*3 | 10 | Y54E5A.73 | 5 |
| *cyc-1*2 | 87 | *ifg-1*1 | 55 | *sid-2*3 | 9 | Y56A3A.191 | 21 |
| D1054.141 | 36 | *inf-1*1 | 46 | *sinh-1*2 | 21 | Y56A3A.93 | 7 |
| D2030.43 | 9 | *inx-14*3 | 6 | *spg-7*1 | 22 | Y65B4BR.51 | 17 |
| D2030.91 | 24 | *inx-9*1 | 27 | *spt-4*3 | 4 | Y71G12B.43 | 5 |
| *daf-2*1,2 | 79 | K07H8.13 | 9 | *sre-25*1 | 23 | Y71H2AR.23 | 21 |
| *ddl-1*2 | 26 | K08E3.53 | 20 | *srh-254*3 | 7 | Y75B8A.133 | 10 |
| *ddl-2*2 | 11 | K10B4.33 | 9 | *sru-17*3 | 14 | Y75B8A.333 | 22 |
| *ddl-3*2 | 23 | K10D2.23 | 3 | *srw-99,100*3 | 11 | Y92C3A.13 | 8 |
| *dic-1*1 | 22 | *maoc-1*2 | 30 | *srw-20*3 | 7 | ZC132.31 | 26 |
| *drr-1*2,3 | 37 | *mcm-2*1 | 15 | *str-49*1 | 15 | ZK1127.51 | 24 |
| *drr-2*2 | 10 | *nas-38*3 | 8 | T05A1.43 | 8 | ZK686.21 | 24 |
| E03H12.53 | 8 | *nhr-14*3 | 6 | T06G6.43 | 11 | ZK896.73 | 5 |

**Table S2. 160 gene-inactivations known to extend longevity**