

**Table S1** Transgenic *C. elegans* strains and plasmids

| <b>Transgene</b> | <b>DNA constructs</b>   | <b>Genotype</b>          | <b>Strain #</b> |
|------------------|---|--------------------------|-----------------|
| <i>juEx16*</i>   | VAB-1(+) cosmid (M03A1)   | <i>vab-1(0); kyls104</i> | CZ11816         |
| <i>juEx2870</i>  | VAB-1(+) fosmid (WRM0617bA10)<br>(100ng/ $\mu$ l)                   | <i>vab-1(0); kyls104</i> | CZ14390         |
| <i>juEx3839</i>  | VAB-1(+) minigene (pCZ55) (1ng/ $\mu$ l)                            | <i>vab-1(0); kyls104</i> | CZ14800         |
| <i>juEx3529</i>  | <i>Punc-33-VAB-1 (vab-1 3'UTR)</i><br>(pCZGY1859) (1ng/ $\mu$ l)    | <i>vab-1(0); kyls104</i> | CZ14078         |
| <i>juEx3470</i>  | <i>Prgef-1-VAB-1 (vab-1 3'UTR)</i> (pCZGY1847)<br>(1 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ14082         |
| <i>juEx3836</i>  | <i>Pmyo-2-VAB-1 (vab-1 3'UTR)</i> (pCZGY1854)<br>(1 ng/ $\mu$ l)    | <i>vab-1(0); kyls104</i> | CZ14713         |
| <i>juEx4725</i>  | <i>Plin-26-VAB-1 (vab-1 3'UTR)</i> (pCZGY2220)<br>(1 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ16392         |
| <i>juEx4728</i>  | <i>Phlh-17-VAB-1 (vab-1 3'UTR)</i> (pCZGY1852)<br>(1 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ16835         |
| <i>juEx3308</i>  | <i>Pdyf-7-VAB-1 (vab-1 3'UTR)</i> (pCZGY1342)<br>(15 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ13960         |
| <i>juEx4527</i>  | <i>Ptx-3-VAB-1 (vab-1 3'UTR)</i> (pCZGY1841)<br>(5 ng/ $\mu$ l)     | <i>vab-1(0); kyls104</i> | CZ16033         |
| <i>juEx4857</i>  | <i>Pstr-1-VAB-1 (vab-1 3'UTR)</i> (pCZGY2221)<br>(1 ng/ $\mu$ l)    | <i>vab-1(0); kyls104</i> | CZ17039         |
| <i>juEx3179</i>  | <i>Pdyf-7-EFN-1 (unc-54 3'UTR)</i> (pCZGY1340)<br>(1 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ17654         |
| <i>juEx5418</i>  | <i>Pdyf-7-EFN-2 (unc-54 3'UTR)</i> (pCZGY1343)<br>(1 ng/ $\mu$ l)   | <i>vab-1(0); kyls104</i> | CZ18326         |
| <i>juEx127**</i> | EFN-1(+) (pCZ126) (50 ng/ $\mu$ l)                                  | <i>efn-1(0); kyls104</i> | CZ14447         |
| <i>juls52**</i>  | EFN-1::GFP (pCZ131) (50 ng/ $\mu$ l)                                | <i>efn-1(0); kyls104</i> | CZ13080         |
| <i>juEx3775</i>  | <i>Pdpy-30-EFN-1 (unc-54 3'UTR)</i><br>(pCZGY1843) (1 ng/ $\mu$ l)  | <i>efn-1(0); kyls104</i> | CZ14487         |
| <i>juEx3577</i>  | <i>Punc-33-EFN-1 (efn-1 3'UTR)</i> (pCZGY1857)<br>(1 ng/ $\mu$ l)   | <i>efn-1(0); kyls104</i> | n/a             |
| <i>juEx3476</i>  | <i>Punc-119-EFN-1 (unc-54 3'UTR)</i><br>(pCZGY1860) (1 ng/ $\mu$ l) | <i>efn-1(0); kyls104</i> | CZ14086         |
| <i>juEx3158</i>  | <i>Prgef-1-EFN-1 (unc-54 3'UTR)</i><br>(pCZGY1344) (1 ng/ $\mu$ l)  | <i>efn-1(0); kyls104</i> | CZ13372         |
| <i>juEx3835</i>  | <i>Pmyo-2-EFN-1 (efn-1 3'UTR)</i> (pCZGY1853)<br>(1 ng/ $\mu$ l)    | <i>efn-1(0); kyls104</i> | CZ14694         |
| <i>juEx4864</i>  | <i>Phlh-17-EFN-1 (efn-1 3'UTR)</i> (pCZGY1851)<br>(1 ng/ $\mu$ l)   | <i>efn-1(0); kyls104</i> | CZ17042         |
| <i>juEx4524</i>  | <i>Ptx-3-EFN-1 (efn-1 3'UTR)</i> (pCZGY1839)<br>(5 ng/ $\mu$ l)     | <i>efn-1(0); kyls104</i> | CZ16028         |
| <i>juEx4860</i>  | <i>Plin-26-EFN-1 (efn-1 3'UTR)</i> (pCZGY2223)<br>(1 ng/ $\mu$ l)   | <i>efn-1(0); kyls104</i> | CZ16642         |
| <i>juEx3179</i>  | <i>Pdyf-7-EFN-1 (unc-54 3'UTR)</i> (pCZGY1340)<br>(1 ng/ $\mu$ l)   | <i>efn-1(0); kyls104</i> | CZ13373         |
| <i>juEx3272</i>  | <i>Pdyf-7-EFN-1 (efn-1 3'UTR)</i> (pCZGY1341)<br>(1 ng/ $\mu$ l)    | <i>efn-1(0); kyls104</i> | CZ13965         |

|                 |  |                                  |         |
|-----------------|--|----------------------------------|---------|
| <i>juEx4909</i> | <i>Pstr-1-EFN-1 (efn-1 3'UTR) (pCZGY2224)</i> (1 ng/ $\mu$ l)  | <i>vab-1(0); kyls104</i>         | CZ16743 |
| <i>juEx4344</i> | <i>Pdyf-7-ABL-1 (abl-1 3'UTR) (pCZGY1845)</i> (1 ng/ $\mu$ l)  | <i>vab-1(kd); abl-1; kyls104</i> | CZ15789 |
| <i>juEx4345</i> | <i>Pdyf-7-ABL-1 (abl-1 3'UTR) (pCZGY1845)</i> (1 ng/ $\mu$ l)  | <i>vab-1(kd); abl-1; kyls104</i> | CZ15791 |
| <i>juEx4345</i> | <i>Pdyf-7-ABL-1 (abl-1 3'UTR) (pCZGY1845)</i> (1 ng/ $\mu$ l)  | <i>vab-1(0); kyls104</i>         | CZ18522 |
| <i>juEx5055</i> | <i>Pstr-1-ABL-1 (abl-1 3'UTR) (pCZGY2227)</i> (25 ng/ $\mu$ l) | <i>vab-1(kd); abl-1; kyls104</i> | CZ17047 |
| <i>juEx5057</i> | <i>Pstr-1-ABL-1 (abl-1 3'UTR) (pCZGY2227)</i> (25 ng/ $\mu$ l) | <i>vab-1(kd); abl-1; kyls104</i> | CZ17049 |
| <i>juEx5059</i> | <i>Pstr-1-ABL-1 (abl-1 3'UTR) (pCZGY2227)</i> (25 ng/ $\mu$ l) | <i>vab-1(kd); abl-1; kyls104</i> | CZ17051 |
| <i>juEx5059</i> | <i>Pstr-1-ABL-1 (abl-1 3'UTR) (pCZGY2227)</i> (25 ng/ $\mu$ l) | <i>vab-1(kd); kyls104</i>        | CZ18664 |

\* GEORGE ET AL., 1998.

\*\* CHIN-SANG ET AL., 1999.