**Table S2 *C. elegans* strains used in this study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Strain** | **Relevant Genotype** | **Source** | **Reference** |
| N2 Bristol | Wild Type  | CGC | Brenner 1974 [1] |
| GR1321 | *tph-1(mg280)* | CGC | Sze 2000 [2] |
| QL101 | *tph-1(n4622)* | QueeLim Chung(Kings College London) | Shivers 2009 [3] |
| CX6732 | *tph-1(mg280);kyEx945*(ceh-2p∷tph-1∷GFP) | Cornelia Bargmann(HHMI, Rockerfeller University) | Zhang 2005 [4] |
| CX6736 | *tph-1(mg280);kyEx948*(srh-142p∷tph-1∷GFP) | Cornelia Bargmann(HHMI, Rockerfeller University) | Zhang 2005 [4] |
| CX7572 | *tph-1(mg280);kyEx999*(srh-142p∷tph-1∷GFP, ceh-2p∷tph-1∷GFP) | Cornelia Bargmann(HHMI, Rockerfeller University) | Zhang 2005 [4] |
| RJM21 | *impEx004*(egl-5p∷EGL-30\*) | Stephen Nurrish (University College London) | McMullan 2012 [5] |
| LX960 | *lin-15B(n765);vsIs97* (tph-1p∷DSRed,lin-15(+)) | CGC | Tanis 2008 (supplement) [6] |
| DA823 | *egl-30(ad805)* | CGC | Bastiani 2003 [7] |
| MT8504 | *egl-10(md176)* | CGC | Koelle and Horvitz 1996 [8] |
| MT1443 | *egl-10(n692)* | CGC | Koelle and Horvitz 1996 [8] |
| QT956 | *nzEx483*(egl-5p∷RHO-1\*) | Stephen Nurrish (University College London) | McMullan 2012 [5] |
| CB6603 | *eIs102*(egl-5p∷LIN-45\*) | Jonathan Hodgkin (University of Oxford) |  |
| CM117 | *saIs14 (*lin-48p∷GFP) | Sophie Jarriault (IGBMC, Strasbourg) | Johnson 2001 [9] |
| DA1814 | *ser-1(ok345)* | CGC | Xiao 2006 [10] |
| AQ866 | *ser-4(ok512)* | CGC | Carre-Pierrat 2006 [11] |
| DA2100 | *ser-7(tm1325)* | CGC | Hobson 2006 [12] |
| RB1585 | *ser-7(ok1944)* | CGC | Li et. al. 2012 [13] |
| DA2109 | *ser-1(ok345);ser-7(tm1325)* | CGC | Hobson 2006 [12] |
| MT9668 | *mod-1(ok103)* | CGC | Ranganathan 2000 [14] |
| CB270 | *unc-42(e270)* | CGC | Brenner 1974 [1] |
| CB113 | *unc-17(e113)* | CGC | Brenner 1974 [1] |
| CB189 | *unc-32(e189)* | CGC | Brenner 1974 [1] |
| DR96 | *unc-76(e911)* | CGC | Desai 1988 [15] |
| DA695 | *egl-19(ad695)* | CGC | Kwok 2008 [16] |
| DR1089 | *unc-77(e625)* | CGC | Yeh 2008 [17] |
| MT7929 | *unc-13(e51)* | CGC | Brenner 1974 [1] |

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