**Supplementary File 3. Associated promoter and gene information**

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| **Promoter** | **Primers** | **Length** | **Expression** |
|
| *lim-4(-3328--2174)p* | AAGCTTTGATTTAGAAATTG | 1.2 kb | RIV, SAA, AWB, SMB |
| ACAAGCCGCTCAGTTTTGAT |
| *inx-1(-898-70)p*  | CGCGGATATCAGATTCATAA | 1.0 kb | AIB, AIY (before L2) |
| TGTCCACAAAATCGTCGTCGA |
| *npr-9(-2000-0)p* | GCATGCCAAACAATATAA | 2.0 kb | AIB |
| TTCCCAGGAAGTAGCTCTA |
| *tdc-1(-1459-0)p* | AAGCTTCACCTAACTTCGTC | 1.5 kb | RIM, RIC |
| GGATCCTTGGGCGGTCCTGA |
| *sra-11(-2860--30)p* | CGCACGTTTTCCCTTTAC | 2.8 kb | AIY, AVB, RIF, RIG, AIA |
| AATTGTGTGTTGCGGAG |
| *ttx-3(1076-1909)p* | AAGCTTTTTTGAAACGAT | 0.8 kb | AIY |
| ATTTGACACCGAAGACA |
| *glc-1(-1862-2)p* | TATAGCTAGCAGAAATTGTGATAAGTGG | 1.9 kb | AIY, intestine, pharyngeal and body wall muscle |
| TATAGGTACCATTGCCGAAGCAAAAATA |
| *avr-14(-1487-19)p* | TATAGCATGCCCAAGATACACCCCAGTT | 1.5 kb | AIY, other head neurons and VNC |
| TGTAGGTACCGTCAGTCGATAATGCCACA |
| *avr-15(-3170--19)p* | GTATGCATGCGGCTGTAGAACATCAAAT | 3.1 kb | RIB and other head neurons |
| TATAGGTACCTAGAGCAGAACTCCCAAA |
| *sto-3(-1923-0)p* | CTGCTAGTTCAGCCAAGTCA | 1.9 kb  | RIB and unidentified tail neurons |
| AAGCCAAACCAAGTGAGAAG |
| *mec-4(-1020-106)p* | AGCTTCAATACAAGCTC | 1.1 kb | ALM, AVM,PVM, PLM, BDU, FLP, PVD |
| CTAGTCGTCTCTTGTAA |
| **Gene** | **Primers** | **Length** | **Type** |
|
| *inx-1a* | TATACCCGGGCGGAATGCTTCTATAT | 1.3 kb | cDNA |
| TATAGGTACCTTAGACGAACGTGAAGTAACC |
| *inx-1b* | TATACCCGGGCGGAATGCTTCTATAT | 1.2 kb | cDNA |
| ATAGGTACCTTAGTGGTTGAGGGATTCCGT |
| *avr-14* | TAGAGGATCCCCGGGATGTGGCATTATCGACTGA | 5.9 kb | genomic DNA |
| GGTACCTTAATCACGGCTCTGTTTCACAT |
| *glc-1* | TATACCCGGGATGGCTACCTGGATTGTC | 2.1 kb | genomic DNA |
| TGGAGGTACCCTAAAATAATACGTTCTGCTG |
| *eat-4* | TATACCCGGGATGTCGTCATGGAACGAGGC | 4.5 kb | genomic DNA |
| TATAGGTACCTTCCACTGCTGATAATGCG |
| *avr-15a* | TTGGCTTATCCCGGGATGATAGGTCGATTGC | 4.0 kb | Minigene |
| ATGAGACAGCGGTACCTTACGTACTGATGGCCACAC |
| *avr-15b* | GGTTTGGCTTATCCCGGGATGTCTACCTCATTTATC | 1.4 kb | cDNA |
| ATGAGACAGCGGTACCTTACGTACTGATGGCCACAC |
| *avr-15c* | TCACTTGGTTTGGCTTATCCCGGGATGTTAGTCATCGTAT | 0.54 kb | cDNA |
| ATGAGACAGCGGTACCTTACGTACTGATGGCCACACCGTATT |