**Table 1. Promoter combinations that would specifically label different neuronal groups in *C. elegans***

| Neuron group* | Number of neurons | Promoter combination† |
|---|---|---|
| ADA | 2 | *sax-7 + eat-4* |
| ADE | 2 | *cat-2 + gpa-14* |
| ADF | 2 | *gpa-10 + gpa-13* |
| ADL | 2 | *ver-2* |
| AFD | 2 | *gcy-8* |
| AIA | 2 | |
| AIB | 2 | *odr-2 (2b) + mgl-2* |
| AIM | 2 | *zig-3 + cat-1* |
| AIN | 2 | |
| AIY | 2 | *ttx-3 + ncs-1* |
| AIZ | 2 | *odr-2(2b) + kin-29* |
| ALA | 1 | *ceh-14 + ver-3* |
| ALM/PLM/AVM/PVM | 6 | *mec-4* |
| ALN/PLN | 4 | *lad-2 + unc-53* |
| AQR/PQR | 2 | *tax-2 +gcy-36* |
| ASn | 11 | *hmr-1 + unc-53* |
| ASE | 2 | *gcy-5* |
| ASG | 2 | *tax-2 + lim-6* |
| ASH | 2 | *sra-6 + nhr-79* |
| ASI | 2 | *gpa-4* |
| ASJ | 2 | *tax-2 + gpa-9* |
| ASK | 2 | *sra-7* |
| AUA | 2 | *eat-4 + ceh-6* |
| AVA | 2 | *gpa-14 + flp-18* |
| AVB | 2 | *glr-1 + sra-11* |
| AVD | 2 | *nmr-1 + cfi-1* |
| AVE | 2 | *opt-3 + flp-1* |
| AVF | 2 | |
| AVG | 1 | *odr-2 (2b) + nmr-1* |
| AVH | 2 | *ceh-6 + ggr-1* |
| AVJ | 2 | |
| AVK | 2 | *flp-1* |
| AVL | 1 | |
| AWA | 2 | *odr-7* |
| AWB | 2 | *str-1* |
| AWC | 2 | *odr-1 + tax-4* |
| BAG | 2 | *gcy-33* |
| BDU | 2 | *ceh-14 + glr-8* |
| CAN | 2 | *ceh-23 + ggr-2* |
| CEP | 4 | *ace-1 + UL#AL129* |
| DAn | 9 | *unc-53 + unc-4* |

| Neuron group* | Number of neurons | Promoter combination† |
|---|---|---|
| DBn | 7 | *vab-7 + unc-5* |
| DDn | 6 | *unc-25 + ggr-2* |
| DVA | 1 | *zig-5 + nmr-1* |
| DVB | 1 | *unc-25 + egl-36* |
| DVC | 1 | *ceh-14 + glr-1* |
| FLP | 2 | *mec-3 + egl-44* |
| GLR | 6 | |
| HSN | 2 | *unc-53 + unc-51* |
| IL1 | 6 | *deg-3 + osm-6* |
| IL2 | 6 | *oig-1 + osm-3* |
| LUA | 2 | *glr-5 + npl-13* |
| OLL | 2 | *ace-1 + eat-4* |
| OLQ | 4 | *ocr-4* |
| PDA | 1 | *dop-2 + itr-1* |
| PDB | 1 | *kal-1 + dbl-1* |
| PDE | 2 | *gpa-16 + cat-2* |
| PHA | 2 | *gcy-12* |
| PHB | 2 | *gpa-9 + osm-10* |
| PHC | 2 | *dop-1 + ceh-14* |
| PVC | 2 | *egl-36 + deg-3* |
| PVD | 2 | *eat-4 + pkc-1* |
| PVN | 2 | |
| PVP | 2 | *odr-2(2b) + unc-53* |
| PVQ | 2 | *glr-1 + gpa-9* |
| PVR | 1 | *ceh-14 + eat-4* |
| PVT | 1 | *oig-3* |
| PVW | 2 | |
| RIA | 2 | *glr-3* |
| RIB | 2 | *mgl-1 + ser-4* |
| RIC | 2 | |
| RID | 1 | *dop-2 +zig-5* |
| RIF | 2 | *odr-2(2b) + glr-4* |
| RIG | 2 | *glr-1 + flp-18* |
| RIH | 1 | *unc-5 + cat-1* |
| RIM | 2 | *dop-1 + glr-1* |
| RIP | 2 | |
| RIR | 1 | |
| RIS | 1 | *ser-4 + unc-25* |
| RIV | 2 | *zig-5 + odr-2* |
| RMD | 6 | *rig-5* |
| RME | 4 | *lim-4 + unc-47* |
| RMF | 2 | |
| RMG | 2 | *avr-15 +goa-1* |
| RMH | 2 | |

| Neuron group* | Number of neurons | Promoter combination† |
|---|---|---|
| SAA | 4 | *lad-2 + unc-42* |
| SAB | 3 | *unc-4 + glr-4* |
| SDQ | 2 | *pkc-1 + gcy-35* |
| SIA | 4 | *lim-4 + sro-1* |
| SIB | 4 | *dop-2 + ceh-24* |
| SMB | 4 | |
| SMD | 4 | *lad-2 + lim-4* |
| URA | 4 | *lim-7* |
| URB | 2 | *glr-5 + glr-8* |
| URX | 2 | *gpa-8 + pef-1* |
| URY | 4 | *glr-4 + tol-1* |
| VAn | 12 | |
| VBn | 11 | *pag-3 + acr-5* |
| VCn | 6 | *unc-4 + cdh-3* |
| VDn | 13 | *unc-55 + unc-14* |
| M1 | 1 | |
| M2 | 1 | *tbx-2 + zig-4* |
| M3 | 1 | *flp-18 + ceh-2* |
| M4 | 1 | *ceh-28* |
| M5 | 1 | *tbx-2 + kal-1* |
| I1 | 1 | *glr-8 + odr-1* |
| I2 | 1 | *glr-8 + npl-8* |
| I3 | 1 | |
| I4 | 1 | |
| I5 | 1 | |
| I6 | 1 | |
| NSM | 1 | *cat-1 + glr-7* |
| MI | 1 | *ahr-1 +glr-7* |
| MC | 1 | |
| Total | 302 | |

*Neuron groups are based on the classification by White et al.
†Neuron groups that can be labeled by single promoter are indicated in blue, by a combination of two promoters are in black and those that cannot be labeled by two-promoter combination are indicated in red. The data on promoter combinations are extracted from *C. elegans* expression databases (http://wormbase.org/db/searches/expr_search) and (http://chinook.uoregon.edu/promoters.html).

1. White JG, Southgate E, Thomson JN, Brenner S (1986) *Philos Trans R Soc London B* 341:1-340.