

In the format provided by the authors and unedited.

Whole-animal connectomes of both *Caenorhabditis elegans* sexes

Steven J. Cook^{1,7}, Travis A. Jarrell^{2,7}, Christopher A. Brittin², Yi Wang², Adam E. Bloniarz³, Maksim A. Yakovlev², Ken C. Q. Nguyen¹, Leo T.-H. Tang², Emily A. Bayer⁴, Janet S. Duerr⁵, Hannes E. Bülow^{1,2}, Oliver Hobert^{4,6}, David H. Hall¹ & Scott W. Emmons^{1,2*}

¹Dominick P. Purpura Department of Neuroscience, Albert Einstein College of Medicine, New York, NY, USA. ²Department of Genetics, Albert Einstein College of Medicine, New York, NY, USA.

³Google, Boulder, CO, USA. ⁴Department of Biological Sciences, Columbia University, New York, NY, USA. ⁵Department of Biological Sciences, Ohio University, Athens, OH, USA. ⁶Howard Hughes Medical Institute, Columbia University, New York, NY, USA. ⁷These authors contributed equally: Steven J. Cook, Travis A. Jarrell. *e-mail: scott.emmons@einstein.yu.edu

Supplementary Information Table 1

Strain Name	Genotype	Use
EB2443	<i>him-5(e1490) V; dzls68 X[Pgcy-8::BirA::nrx-1; Ptx-3::AP::nlg-1; Punc-122::streptavidin::tagRFP ; Pelt-2::GFP]</i>	AFD->AIY iBLINC
EB2807	<i>dzls86 III[Pche-1::BirA::nrx-1, Pceh-36p2del1::AP::nlg-1, Punc-122::streptavidin::tagRFP, Pceh-36p2del1::tagBFP, rol-6(pRF4)]; ntls1 him-5(e1490) V</i>	ASE->AWC iBLINC
EB2811	<i>dzEx1513[Pinx-1::BirA::nrx-1, Pgcy-13::AP::nlg-1, Pgcy-13::tagBFP, Punc-122::streptavidin::tagRFP]; him-5(e1490) V</i>	AIB->RIM iBLINC
EB2816	<i>dzEx1518[Pgpa-4::BirA::nrx-1, Pgcy-8::AP::nlg-1, gpa-4::GFP, Pgcy-8::tagBFP, Punc-122::streptavidin::tagRFP]; him-5(e1490) V</i>	ASI->AFD iBLINC
EB2818-EB2821	<i>dzEx1519-dzEx1522[Pklp-6::BirA::nrx-1, Psto-3::AP::nlg-1, Psto-3::tagBFP, Punc-122::streptavidin::tagRFP]; him-5(e1490) V</i>	IL2->RIB iBLINC
EB2883	<i>dzEx1529[Pgcy-32::BirA::nrx-1, Pfip-18::AP::nlg-1, Pfip18::GFP, Punc-122::streptavidin::tagRFP]; him-5(e1490) V</i>	URX->RIG iBLINC
EB2885-EB2887	<i>dzEx1531-dzEx1533[Peat-4p12del2::BirA::nrx-1, Psto-3::AP::nlg-1, Psto-3::tagBFP, Punc-122::streptavidin::tagRFP, Pelt-2::GFP]; him-5(e1490) V</i>	IL1->RIB iBLINC
EB2891-EB2892	<i>dzEx1537-dzEx1538[Pglr-6::BirA::nrx-1, Psto-3::AP::nlg-1, Psto-3::tagBFP, Punc-122::streptavidin::tagRFP, Pelt-2::GFP]; him-5(e1490) V</i>	RIA->RIB iBLINC
OH14902	<i>otEx6933[Psrh-18::MVC2, Pfip-18::MVC3, Psrh-18::wrnCherry, rol-6 (pRF4)]; him-5 (e1490) V</i>	ASH->AVA GRASP

OH14917	<i>otEx6935[Pgpa-6::wrnCherry, Psrg-13::BirA::nrx1, Pgpa-6::AP::nlg-1, rol-6 (pRF4); him-5 (e1490) V</i>	PHA->PHB iBLINC
OH14590	<i>otEx6829[Psri-9::MVC2, Pflp-18::MVC3, Psri-9::wrnCherry, Pflp-18::wrnCherry, rol-6 (pRF4)]; him-5 (e1490) V</i>	ADL->AVA GRASP