Dataset	Developmental stage	Fluorescent reporter used	RNA input range	cDNA synthesis kit	Sequencing library prep kit	Sequencing machine
SoLo	L4	otIs355 [rab-3(prom1):: 2xNLS-TagRFP]	1.5-3.6 ng	Tecan/Nugen SoLo ovation	Tecan/Nugen SoLo ovation	HiSeq 2500
SMARTseq	L4	otIs355 [rab-3(prom1):: 2xNLS-TagRFP]	1.5-3.6 ng	Takara SMARTseq V4	Illumina Nextera XT	HiSeq 2500
Kaletsky et al., 2018 (neuronal)	Day 1 Adult	otIs45 [Punc-119::GFP]	10-100 ng	Tecan/Nugen Ovation RNAseq v2	Tecan/Nugen Encore NGS OR Illumina TruSeq DNA Sample Prep	HiSeq 2000
Kaletsky et al., 2018 (neuronal)	Day 1 Adult	otIs45 [Punc-119::GFP]	10-100 ng	Takara SMARTer Stranded Total RNA kit-pico input mammalian	Takara SMARTer Stranded Total RNA kit-pico input mammalian	HiSeq 2000

Table S3: Comparison to Kaletsky et al., 2018 samples