

Table S1 *efn-4* transgenic strain construction

Strain numbers	Transgenic array	Plasmids
ATL20 – ATL22	<i>kenEx4 – 6</i> <i>[P-my0-3::efn-4 + P-my0-3::mCherry]</i>	pLC681 (5ng.ml ⁻¹) pPD131-68 (25ng.ml ⁻¹) pBS II (20ng.ml ⁻¹)
ATL25 – ATL27	<i>kenEx9 – 11</i> <i>[P-my0-2::efn-4 + P-my0-2::mCherry]</i>	pMH853 (5ng.ml ⁻¹) pBA183 (20ng.ml ⁻¹) pBS II (25ng.ml ⁻¹)
ATL28 – ATL30	<i>kenEx12 – 14</i> <i>[efn-4 genomic* + P-ttx-3-RFP]</i> * 5kb promoter	pCZ148 (5ng.ml ⁻¹) pTTX-3-RFP (25ng.ml ⁻¹) pBS II (20ng.ml ⁻¹)
ATL35, ATL36	<i>kenEx19, 20</i> <i>[P-unc-119-efn-4 + P-ttx-3::RFP]</i>	pMH828 (5ng.ml ⁻¹) pTTX-3-RFP (25ng.ml ⁻¹) pBS II (20ng.ml ⁻¹)
ATL50, ATL52	<i>kenEx21, 23</i> <i>[P-elt-3-efn-4 + sur-5::GFP + P-ttx-3-RFP]</i>	pMH833 (5ng.ml ⁻¹) pTTX-3-RFP (10ng.ml ⁻¹) pTG96 (25ng.ml ⁻¹) pBS II (10ng.ml ⁻¹)
ATL63	<i>kenEx30</i> <i>[P-elt-3-efn-4 + sur-5::GFP + P-ttx-3-RFP]</i>	pMH833 (0.5ng.ml ⁻¹) pTTX-3-RFP (10ng.ml ⁻¹) pTG96 (20ng.ml ⁻¹) pBS II (19.5ng.ml ⁻¹)
CZ6954 – CZ6956	<i>juEx1341 - 1343</i> <i>[P-AIY-efn-4 + P-ttx-3-RFP]</i>	pMH340-3 (1ng.ml ⁻¹) pTTX-3-RFP (25ng.ml ⁻¹) pBS II (49ng.ml ⁻¹)