Table S1. Expression of non-ASE fate markers in *lsy-9*

Cell	*gfp*	Genotype	2 cells (wild type)	1 cell	0 cells	*n*
ASJ	*gpa-9*	Wild type	100%	0%	0%	20
		ot85	85.3%	14.7%	0%	34
		ok631	15%	11%	74%	27
AUA	*flp-8*	Wild type	100%	0%	0%	20
		ot85	76.9%	20.5%	2.6%	39
		ok631	50%	25%	25%	20
AFD	*gcy-8*	Wild type	100%	0%	0%	25
		ot85	100%	0%	0%	44
		ok631	n/a	n/a	n/a	n/a
AWB	*str-1*	Wild type	100%	0%	0%	25
		ot85	78%	22%	0%	50
		ok631	43.8%	47.5%	8.7%	80
	lim-4	Wild type	100%	0%	0%	30
		ok631	70%	20%	10%	30
ASK	*srb-6*	Wild type	100%	0%	0%	25
		ot85	67.3%	22.4%	10.2%	49
		ok631	66.7%	25.9%	7.4%	54
ADL	*srb-6*	Wild type	100%	0%	0%	25
		ot85	87.8%	6.1%	6.1%	49
		ok631	87.0%	13.0%	0%	54
ADF	*srb-6*	Wild type	100%	0%	0%	25
		ot85	40.8%	44.9%	14.3%	49
		ok631	57.4%	25.9%	16.7%	54
	tph-1	Wild type	100%	0%	0%	30
		ok631	7.3%	72.7%	20%	55
		*ok631; lim-4 (yz12); otEx3103**	7.4%	40.7%	51.9%	54
		ok631; lim-4 (yz12)	3.3%	15.6%	81.1%	90
ASH	*srb-6*	Wild type	100%	0%	0%	25
		ot85	81.6%	18.4%	0%	49
		ok631	64.8%	24.1%	11.1%	54
AVG†	*inx-18*	Wild type	n/a	100%	0%	40
		ok631	n/a	6%	94%	36
AWC	*str-2*	Wild type	n/a	98.2%	1.8%	56
		ok631	n/a	59.1%	40.9%	88
ASI	*sra-6*	Wild type	100%	0%	0%	20
		ok631	100%	0%	0%	21
PVQ	*sra-6*	Wild type	100%	0%	0%	20
		ok631	100%	0%	0%	21
AIY	*ttx-3*	Wild type	100%	0%	0%	50
		ok631	100%	0%	0%	28
OLL	*ser-2*	Wild type	100%	0%	0%	30
		ok631	100%	0%	0%	30
RME (D/V/L/R)	*unc-47*	Wild type	100% (4 cells)	0%	0%	30
		ok631	9.1%	72.7% (1-3 cells)	18.2%	44
AVL†	*unc-47*	Wild type	n/a	100%	0%	30
		ok631	n/a	46.7%	53.3%	44
RIS†	*unc-47*	Wild type	n/a	100%	0%	30
		ok631	n/a	36.4%	63.6%	44
D motor neurons	*unc-47*	Wild type	100% (6 cells)	0%	0%	30
		ok631	100% (6 cells)	0%	0%	44
CEPD, CEPV, ADE	*dat-1*	Wild type	100% (6 cells=wild type)	0%	0%	25
		ok631	100% (6 cells=wild type)	0%	0%	31

Red text indicates defects; blue, no defects observed.
**nhr-67(ok631)* is rescued by the presence of the *otEx3103*, *nhr-67*-containing fosmid.
†These cells are unilateral, rendering the first scoring category irrelevant.
n/a, not applicable.