Table S3. Results from the *mex-3* RNAi screen

Strain/ ID	Function	OP50 worms imaged	MEX-3 RNAi worms imaged	GFP expression in Seydoux 3'UTR fusions	Observations
gld-1 JH2436	RNA binding protein	13	8	Pachytene	No change in GFP expression between MEX-3 RNAi and OP50 worms
spn-4 JH2311	RNA binding protein	14 (embryos imaged; 2-4 cell stage)	11 (embryos imaged; 2-4 cell stage)	Oocytes	No change in GFP expression between MEX-3 RNAi and OP50 worms
glp-1 *sprSi2*	Notch receptor	40	37	Progenitors	Observed an increase in GFP expression in MEX-3 RNAi oocytes (27/37) and early embryos (n = 41) compared to OP50 oocytes (4/40) and embryos (n = 43)
pal-1 JH2236	Caudual homeodomain protein	15 (embryos imaged; 2-4 cell stage)	13 (embryos imaged; 2-4 cell stage)	Oocytes	Observed GFP expression in MEX-3 RNAi early embryos; low expression in OP50 early embryos compared to MEX-3 RNAi
daz-1 JH2223	RNA binding protein	13	16	Progenitors	No change in GFP expression between MEX-3 RNAi and OP50 worms
cye-1 JH2261	E/G1 cell cycle regulator	17	11	Mixed	No change in GFP expression between MEX-3 RNAi and OP50 worms
him-3 JH2324	Sex determination	10	9	Pachytene	No change in GFP expression between MEX-3 RNAi and OP50 worms
mes-3 JH2377	X chromosome silencing	11	15	Mixed	No change in GFP expression between MEX-3 RNAi and OP50 worms
spe-41 JH2381	Spermatogenesis	7	10	Sperm	No change in GFP expression between MEX-3 RNAi and OP50 worms
fog-2 JH2207	Feminization of germline	10	12	Ubiquitous	No change in GFP expression between MEX-3 RNAi and OP50 worms