Supplemental Table 1. Percent abnormal phenotype and numbers of animals scored per replicate in *lsy-6* and *mir-48 mir-241* mutant assays.

Gene	*lsy-6*				*mir-48 mir-241(nDf51)*		
Assay / **RNAi**	*plim-6::gfp* % cell fate defective (n)	*lsy-6(ot150); plim-6::gfp* % cell fate defective (n)	*pcog-1::gfp* % uterine *cog-1::gfp* (n)	*pcog-1::gfp; lsy-6(ot150)* % uterine *cog-1::gfp* (n)	*col-19::gfp* % abnormal *col-19::gfp* (n)	*mir-48 mir-241(nDf51)* % abnormal *col-19::gfp* (n)	*hbl-1::gfp* % abnormal expression (n)
Empty vector	0(50), 0(40)	10.4(96), 17.8(29), 21(108), 20.8(48), 10.49, 14(114), 14.6(48), 113.7(73), 14.5()	100(19), 100(22)	45(22), 44.4(27), 42.1(19)	0(3), 0(14)	8.3(12), 0(10), 10(30), 9.1(11), 7.4(27), 10(10), 10.5(19), 15.4(13), 29.4(17)	18.2(33), 22.2(18), 16.7(18)
dcr-1	0(38), 0(41)	30.5(105), 56.6(53), 35(113), 33.7(104), 30.6(88), 33(104), 35.8(67), 40(35), 30(50), 41.2(34), 34.2(76), 18(53), 34.4(64)	100(13), 94.4(36)	66.6(21), 70(20), 58.5(41), 45.8(24)	0(10), 0(15)	63.6(11), 71.4(14), 88.9(9), 89.7(29), 89.3(28), 70(30), 88.9(18), 95(12), 46.7(15), 90(20)	27.9(43), 48.1(27), 39.1(23)
fubl-3	0(43), 0(34)	18.9(53), 17.5(63), 15.87(76)	n.d. [a]	n.d.	0(16), 0(13)	64(25), 36.8(19)	14.7(34), 30(20), 27.3(22)
fubl-4	0(50), 0(31)	25.9(54), 19.2(83), 15(100), 23.1(78)	100(13), 100(33)	34.1(41), 59.1(22)	0(15), 0(15)	44.4(18), 55(22)	18.4(38), 33.3(21), 23(13)
fubl-1	0(62), 0(41)	22(100), 26.6(53), 12.7(71), 20.4(49), 11.2(169), 22.6(128)	n.d.	n.d.	0(15), 0(12)	30(11), 80(30), 12.5(24), 26.3(19)	n.d.
fubl-2	0(47), 0(46)	23.6(89), 22(150), 19.4(62), 16.9(124), 16.7(60)	n.d.	n.d.	0(15), 0(15)	29.4(17), 37.5(8), 0(10)	n.d.
imph-1	0(49), 0(46)	13.7(87), 21.7(83), 10.3(68), 17.7(147), 12.5(64), 12.9(85)	n.d.	n.d.	0(9), 0(15)	8.7(23), 10(10), 0(12)	n.d.
pes-4	0(28), 0(75)	33.3(27), 41.4(29), 25.5(55)	100(20), 100(16)	n.d.	0(12), 0(11)	20(10), 40(15), 43(14)	n.d.
T10E9.14	0(42), 0(45)	24.2(66), 20.3(59), 19.6(51)	100(25), 100(25)	66.6(18), 61.1(18)	0(13), 0(15)	65.2(23), 38.5(13)	20.5(44), 30.8(13), 54.5(22)
nova-1	0(73), 0(33)	25(28), 22.1(136), 7.6(170), 14.1(78), 13(122), 6.9(116)	n.d.	n.d.	0(12), 0(15)	13.3(15), 0(10)	n.d.
mxt-1	0(43), 2.5(40)	19(84), 14.4(125), 10(40)	n.d.	n.d.	0(14), 0(16)	41.2(17), 26.7(30), 11.8(17)	n.d.
ascc-1	0(61), 0(42)	21.8(55), 9.6(116), 15.6(96), 17.3(23)	n.d.	n.d.	0(10), 0(15)	13.3(30), 33.3(18), 7.7(13)	n.d.
akap-1	0(51), 0(37)	16.2(105), 18.5(54), 21.1(38), 13.2(205)	n.d.	n.d.	0(16), 0(8)	36.4(11), 33.4(30), 37.5(16)	n.d.
tofu-7	0(32), 0(42)	23.6(123), 35.5(45), 13.8(130), 19(84), 11.3(150)	94.1(17), 87.1(31)	70.8(24), 72.8(26)	0(13), 0(15)	56.3(16), 35.3(17), 20(20)	16.1(31), 33.3(18), 38.1(21)
C06G4.1	0(52), 0(40)	7.6(91), 16.2(68), 11.8(85), 19(58), 14(93)	n.d.	n.d.	0(10), 0(15)	11.1(27), 16.7(6)	n.d.
E02D9.1	0(40), 0(44)	21.3(47), 21.5(79), 11.8(34)	n.d.	n.d.	0(11), 0(8)	0(10), 0(16), 11.8(17)	n.d.
sfa-1	0(51), 0(36)	30(10), 33.9(56), 29.5(78), 34.2(38)	100(21), 100(25)	66.6(12), 79.3(29)	0(18), 0(15)	41.2(17), 43.8(16), 11.8(17), 78.6(28)	31(42), 42.1(19), 43.5(23)
asd-2	0(45), 0(25)	24(54), 21.2(52), 27.2(22), 31.6(57), 14.7(102), 20.5(88)	100(15), 91.7(24)	66.6(21), 64.2(28)	0(13), 0(15)	50(10), 40(20), 85.7(7), 31.3(16)	23.8(42), 50(24), 42.9(28)
B0280.17	0(47), 0(28)	19.8(86), 20.4(54), 17.5(80)	n.d.	n.d.	0(16), 6.7(15)	52.6(19), 21.4(14), 15.8(19)	n.d.
F54D1.1	6.3(32), 0(100)	26.5(83), 18.7(107), 40(55), 12.2(245), 20.2(169)	84.2(19), 100(12)	34.2(38), 56.5(23)	0(12), 21.4(14)	23.3(30), 33.3(12), 18.2(11)	21.1(38), 42.1(19), 36.3(22)
K07H8.9	0(63), 0(32)	18.8(48), 14.5(110), 11.4(70), 12.5(56), 16.1(56)	n.d.	n.d.	0(10), 0(14)	0(13), 27(30), 5.3(19)	n.d
Y69A2AR.32	0(49), 0(41)	27(52), 20.3(64), 9(47)	n.d.	n.d.	0(14), 0(15)	44(25), 37.5(24)	19.4(36), 37(27), 40(20)
bcc-1	0(55), 0(51)	14.3(202), 8.5(82), 14.4(111), 5.6(54), 15.3(118), 16.7(78)	n.d.	n.d.	0(14), 0(13)	37(27), 9.1(11), 21.7(23), 12.5(24)	n.d.
C41G7.3	0(49), 0(33)	21.9(64), 4.5(67), 11.3(71), 23.9(46), 19.8(116)	n.d.	n.d.	0(13), 0(13)	37.5(24), 63.3(30), 35.7(14)	54.2(24), 30.6(36), 48.2(29)
pno-1	0(34), 0(40)	13.6(110), 29.2(89), 12.1(149), 16.3(153), 22.7(132)	n.d.	n.d.	0(15), 0(15)	41.4(29), 51.6(27), 27.6(29)	20(40), 25(36), 39.1(23), 26.1(23)
mask-1	0(60), 0(39)	21.2(85), 28.3(46), 25.8(62)	100(24), 100(27)	64.7(17), 56.5(23)	0(15), 0(15)	56(12), 30(20), 66(25)	16.2(31), 50(15), 33.3(24)

[a] n.d. - not determined