

Table S1. Strains used

Strain	Genotype	Name given in article	Source
N2	Wild type	Wild type	<i>Caenorhabditis</i> Genetics Center
TH242	<i>unc-119(ed3) III</i> ; <i>ddIs32[yfp::gpr-1(synthetic, CAI 1.0, artificial introns); unc-119(+)]</i>	YFP::GPR-1	A gift from H. Bringmann, (Redemann et al., 2010)
TH384*	<i>unc-119(ed3) III</i> ; <i>ddIs79[mCherry::gpr-1(synthetic, CAI 1.0, artificial introns) unc-119(+)]</i>	mCherry::GPR-1	A gift from H. Bringmann
SS149	<i>mes-1(bn7)</i>		Capowski et al., 1991
LP42	TH384; <i>mes-1(bn7)</i>	<i>mes-1(bn7)</i> ; mCherry::GPR-1	This paper
LP43	TH384; <i>mom-2(or309)/nT1</i>		This paper
LP44	TH384; <i>gpa-16(it143)</i>		This paper
LP45	TH384; TH65	mCherry::GPR-1; YFP::alpha tubulin	This paper
LP46	TH384; <i>spd-2(or188)</i>	mCherry::GPR-1; <i>spd-2(or188)</i>	This paper
TH73	<i>yfp::let-99</i>	YFP::LET-99	Bringmann et al., 2007
TH65	<i>yfp::α-tubulin</i>	YFP::α-tubulin	Kozłowski et al., 2007
	<i>gfp::gpr-2</i>	GFP::GPR-2	Colombo et al., 2003

\*This strain was received as an extrachromosomal array and was integrated in our laboratory.

#### Additional references

- Bringmann, H., Cowan, C. R., Kong, J. and Hyman, A. A. (2007). LET-99, GOA-1/GPA-16, and GPR-1/2 are required for aster-positioned cytokinesis. *Curr. Biol.* **17**, 185-191.
- Capowski, E. E., Martin, P., Garvin, C. and Strome, S. (1991). Identification of grandchildless loci whose products are required for normal germline development in the nematode *Caenorhabditis elegans*. *Genetics* **129**, 1061-1072.
- Kozłowski, C., Srayko, M. and Nedelec, F. (2007). Cortical microtubule contacts position the spindle in *C. elegans* embryos. *Cell* **129**, 499-510.