

**Supplementary information, Table S2** Predictive mRNA targets of microRNAs expressed in gonads distal tip cells that are important for germline proliferation and differentiation. The mRNA level of the genes in bolds are significantly increased in gonads of *alg-1(gk214)* animals.

microRNA	Predicted targets by TargetScan	Predicted targets by miRWIP
let-7	F41E6.4; <b>T10E10.2</b> ; <b>T14B4.6</b>	T04D1.4; <b>F11C7.5</b> ; C04D8.1; C01G6.5; VT23B5.2; F36F2.6; <b>C43H6.3</b> ; <b>W08F4.6</b> ; <b>K03H6.2</b> ; <b>Y44A6D.2</b> ; <b>ZK822.2</b> ; F40F12.5; F55F10.1; ZK1098.3; R05D3.11; <b>C33H5.13</b> ; M70.5; ZK632.7; F40F11.2; C34G6.1; <b>T14G10.3</b> ; C25H3.8; F36A2.13; <b>C11G10.1</b> ; M03A8.2; C14C10.5; <b>ZK938.1</b> ; F59E12.9; <b>R07E4.3</b> ; T04G9.1; <b>C16D2.1</b> ; F54D5.14
lin-4 and miR-237	<b>R07E5.4</b>	<b>R07E5.4</b> ; <b>W02D9.5</b>
miR-359	<b>F46H6.2</b>	<b>F26D10.12</b> ; <b>C34E7.4</b> ; F39G3.3; <b>C18A11.2</b> ; T27E4.1; Y54F10BM.2
miR-247	C34G6.1; C25H3.8; F55D12.5; <b>BE10.2</b> ; <b>Y18H1A.9</b>	C25H3.8; C34G6.1; <b>Y18H1A.9</b> ; R05D3.11; F40F12.5; <b>Y38F1A.1</b> ; F39G3.3