

Table S1 F58D2.1 (*gadr-1*) defines a new redundant gastrulation gene (*Gadr*) family in *C. elegans*

dsRNA injected	<u>in <i>ced-5(n1812)</i></u>		<u>in N2 (wild-type)</u>	
	n	gastrulation defects (%)	n	gastrulation defects (%)
<i>F58D2.1 (gadr-1)</i>	32	25	28	0
<i>C48D1.1A</i>	14	21	15	0
<i>C33A12.12 (gadr-2)</i>	15	20	12	0
<i>F53G2.1</i>	18	22	20	0
<i>F12F6.8</i>	24	8	18	0
<i>F47D12.5 (gadr-3)</i>	24	17	18	0
<i>W06A11.2 (gadr-4)</i>	34	12	15	0
<i>Y71A12B.17 (gadr-5)</i>	6	33	26	0
<i>Y39G10AR.5 (zeel-1)</i>	13	0	0	-
<i>F47G4.2 (gadr-6)</i>	7	29	13	0

Injection of dsRNAs targeting individual family members into the sensitized background, *ced-5(n1812)*, but not into wild-type, resulted in gastrulation defects. Colors mark genes used in the experiment in Table S2. The rest were excluded based on other phenotypes or based on finding no phenotype here.