

**S2 Table. Defects in gonadal integrity**

Genotype	% day one adult with disrupted gonad	SD	n	P Value
N2 wild-type	0.0		90	
<b><i>shc-1(ok198);ls[daf-16::GFP]</i></b>	98.9	1.9	90	
+ <i>sma-6(wk7)</i>	24.3	11.2	121	<0.0001 <sup>a</sup>
+ <i>dbl-1(nk3)</i>	43.9	18.7	101	<0.0001 <sup>a</sup>
+ <i>sma-2(e502)</i>	3.2	3.9	142	<0.0001 <sup>a</sup>
+ <i>sma-3(e491)</i>	17.2	18.3	131	<0.0001 <sup>a</sup>
+ <i>sma-9(ok1628)</i>	39.5	3.7	96	<0.0001 <sup>a</sup>
<b><i>shc-1(ok198);byEx800[daf-16(4A)::GFP]</i></b>	57.0	10.5	90	
+ <i>sma-6(wk7)</i>	5.1	4.3	108	<0.0001 <sup>b</sup>
<b><i>shc-1(ok198) rrf-1(ok589);ls[daf-16::GFP] (L4440)</i></b>	84.1	2.9	95	
+ <i>sma-6</i> RNAi	78.5	7.5	130	0.2664 <sup>c</sup>
<b><i>shc-1(ok198);ls[daf-16::GFP] (L4440)</i></b>	100.0		96	
+ <i>sma-6</i> RNAi	40.2	6.7	95	<0.0001 <sup>d</sup>
+ <i>daf-1</i> RNAi	98.9	1.9	90	
+ <i>daf-4</i> RNAi	97.8	1.5	90	
+ <i>rsk-1</i> RNAi	76.9	5.1	106	<0.0001 <sup>d</sup>
+ <i>hpo-11</i> RNAi	62.0	4.3	123	<0.0001 <sup>d</sup>
+ <i>pqm-1</i> RNAi	100		90	

n: Number of examined animals. P values were relative to: a: *shc-1(ok198);ls[daf-16::GFP]*; b: *shc-1(ok198);byEx800[daf-16(4A)::GFP]*; c: *shc-1(ok198)-1 rrf-1(ok589);ls[daf-16::GFP] (L4440)*; d: *shc-1(ok198);ls[daf-16::GFP](L4440)*; e: *shc-1(ok198);sma-6(wk7);ls[daf-16::GFP]*.

This table is related to the main Fig 1 and 2.