

Table S1. *wts-1* phenotype of *wts-1* mutant and *wts-1* RNAi animals**A. *wts-1* phenotype in control and *wts-1(ok753)* mutant animals**

Genotype		Control	Mutant
		<i>dpy-5(e61) daf-16(m26) unc-75(e950)</i>	<i>wts-1(ok753)</i>
Phenotype			
Emb		1 (1%)	31 (8%)
Lva		0 (0%)	332 (92%)
<i>n</i>		193	363

B. *wts-1* phenotype in RNAi animals

Genotype		Control		<i>wts-1</i>	
		<i>N2</i>	<i>rrf-3</i>	<i>N2</i>	<i>rrf-3</i>
Phenotype					
Emb		0 (0%)	11 (6%)	0 (0%)	7 (6%)
Lva		0 (0%)	2 (1%)	24 (21%)	116 (92%)
<i>n</i>		103	196	112	126

To calculate the embryonic and larval lethality of *wts-1*, we checked the phenotype in *wts-1* mutant animals of the progeny of *wts-1(ok753)/dpy-5(e61) daf-16(m26) unc-75(e950)*. Homozygotes of *dpy-5(e61) daf-16(m26) unc-75(e950)* were used as a control.

Emb, Embryonic lethality; Lva, L1 larval arrest.