

**Table S3. Restoring *ttx-1* expression to *ttx-1(p767)* mutant adults using a heat-inducible promoter rescues *ver-1* expression**

Genotype*	Heat shock <sup>†</sup>	<i>ver-1</i> expression 15°C		<i>ver-1</i> expression 25°C	
		% PHsh on	% AMsh on	% PHsh on	% AMsh on
wild type	–	8	0	90	30
	+	10	0	95	40
<i>ttx-1(p767)</i>	–	0	0	0	0
	+	0	0	0	0
<i>ttx-1(p767); heat shock::ttx-1a<sup>‡</sup></i>	–	0	0	0	0
	+	13	0	55	10
<i>ttx-1(p767); heat shock::ttx-1b<sup>‡</sup></i>	–	0	0	0	0
	+	8	0	63	20

\*All strains contained the *ver-1* promoter::*gfp* transgene (*nsIs22*).

<sup>†</sup>Animals carrying heat-shock promoter::*ttx-1* arrays were cultivated initially at 15°C. Adult animals were heat shocked at 34°C for 50 minutes and then transferred either to 15°C or 25°C. *ver-1* promoter::*gfp* expression was scored 24 hours later.

<sup>‡</sup>Heat-shock promoter::*ttx-1a* and heat-shock promoter::*ttx-1b* lines used were *nsEx1636* and *nsEx1680*, respectively. *ttx-1a* and *ttx-1b* are described in Table 1.

*n*=40 for all values.

AMsh, amphid sheath; PHsh, phasmid sheath.