

Table S1. Effects of orange cultivar of *T. erecta* flowers extracts on the viability of wild-type *C. elegans*. The results are presented as mean of % viability \pm SEM. Not significance differences between treatment and control groups were found ($p > 0.05$).

Concentration ($\mu\text{g/mL}$)	Orange Cultivar	<i>p</i> -Value
Control	90 \pm 2	
2000	91 \pm 2	>0.05
1000	89 \pm 3	>0.05
750	91 \pm 2	>0.05
500	96 \pm 2	>0.05
250	93 \pm 1	>0.05
100	92 \pm 2	>0.05
50	89 \pm 2	>0.05

Table S2. Effects of yellow variety of *T. erecta* flowers extracts on the viability of wild-type *C. elegans*. The results are presented as mean of % viability \pm SEM. Not significance differences between treatment and control groups were found ($p > 0.05$).

Concentration ($\mu\text{g/mL}$)	Yellow Cultivar	<i>p</i> -value
Control	93 \pm 2	
2000	96 \pm 2	>0.05
1000	96 \pm 2	>0.05
750	96 \pm 2	>0.05
500	93 \pm 3	>0.05
250	90 \pm 3	>0.05
100	90 \pm 2	>0.05
50	91 \pm 2	>0.05