

**Table S2. DTC turns and nuclear translocation in the *unc-6* mutant background**

Genotype	Turn direction			Total
	Dorsal	Ventral	Lateral	
Wild type	82 (82)	0	0	82
<i>unc-6(ev400)</i>	39 (39)	4 (4)	49 (49)	92
<i>vab-10(tk27); unc-6(ev400)</i>	33 (4)	15 (0)	34 (5)	82

Using Nomarski microscopy, we scored the direction of the first turn made by individual DTCs. The number of DTCs with nuclei at the leading edge is indicated in parentheses.