

Table S5 Several *ubc* genes act redundant to *ubc-25*.

RNAi target*	intestinal nuclei, avg \pm std dev	
	wild type	<i>ubc-25(ok1732)</i>
<i>unc-73</i>	33.1 \pm 1.4	38.3 \pm 6.5
<i>cdc-14</i>	35.3 \pm 2.8	48.5 \pm 10.2
<i>ubc-1</i>	33.0 \pm 2.6	54.5 \pm 9.2
<i>ubc-2</i>	Let	Let
<i>ubc-3</i>	31.9 \pm 1.3	38.9 \pm 5.7
<i>ubc-6</i>	32.6 \pm 1.2	44.5 \pm 11.3
<i>ubc-7</i>	32.5 \pm 1.1	36.3 \pm 7.9
<i>ubc-8</i>	N/A	N/A
<i>ubc-9</i>	34.5 \pm 3.4	Let
<i>ubc-12</i>	31.7 \pm 1.8	Let
<i>ubc-13</i>	N/A	N/A
<i>ubc-14</i>	N/A	N/A
<i>ubc-15</i>	32.5 \pm 1.1	38.8 \pm 5.0
<i>ubc-16</i>	32 \pm 2.0	40.6 \pm 8.3
<i>ubc-17</i>	32.9 \pm 1.6	50.4 \pm 12.2
<i>ubc-18</i>	33.2 \pm 2.6	38.2 \pm 5.6
<i>ubc-19</i>	N/A	N/A
<i>ubc-20</i>	33.3 \pm 2.4	53.9 \pm 9.3
<i>ubc-21</i>	31.7 \pm 0.9	47.8 \pm 13.8
<i>ubc-22</i>	32.6 \pm 2.1	42.7 \pm 8.9
<i>ubc-23</i>	32.9 \pm 1.1	45.6 \pm 7.6
<i>ubc-24</i>	32.6 \pm 2.0	39.1 \pm 7.7
<i>ubc-25</i>	32.3 \pm 2.0	44.2 \pm 10.3
<i>ubc-26</i>	N/A	N/A

*no *ubcs* numbered 4, 5, 10 and 11 in *C. elegans*

N/A=not available in RNAi Library

unc-73 and *cdc-14* are negative and positive controls, respectively.

n \geq 15 for all experiments.