

Table 1 | *C. elegans* innexins.

Gene	Sequence	Protein size (aa)	Expression	Phenotype (mutant)
<i>inx-1</i>	C16E9.4	428	Neurons, muscle	–
<i>inx-2</i>	F08G12.10	419	Pharynx	–
<i>inx-3</i>	F22F4.2	420	Pharynx, neurons	Lethal
<i>inx-5</i>	R09F10.4	447	Hypodermis, seam cells, vulval cells	–
<i>inx-6</i>	C36H8.2	389	Pharynx	Asynchronous pumping in pharynx
<i>inx-7</i>	K02B2.4	556	Pharynx, neurons	Reduced brood size
<i>inx-8</i>	ZK792.2	382	Gonadal sheath cells	–
<i>inx-9</i>	ZK792.3	382	Gonadal sheath cells	–
<i>inx-10</i>	T18H9.5	559	Pharynx, gonadal sheath cells, neurons, vulval cells, muscles	–
<i>inx-11</i>	W04D2.3	529	Pharynx, neurons, intestine, vulval cells, muscles	–
<i>inx-12</i>	ZK770.3	408	Excretory cell, neurons, glial-like sheath and socket cells, vulval cells	Lethal
<i>inx-13</i>	Y8G1A.2	385	Excretory cell, neurons, glial-like sheath and socket cells, vulval cells	Lethal
<i>inx-14</i>	F07A5.1	432	Germ cells	Lethal
<i>inx-15</i>	R12E2.9	382	Intestine	–
<i>inx-16</i>	R12E2.5	372	Intestine	Reduced brood size, constipated
<i>inx-17</i>	R12E2.4	362	Intestinal-rectal valve	–
<i>inx-18</i>	C18H7.2	436	Neurons, muscles	–
<i>inx-19 (or nsy-5)</i>	T16H5.1	454	Neurons	Chemotaxis defective
<i>inx-20</i>	T23H4.1	483	Pharynx, intestinal-rectal valve	–
<i>inx-21</i>	Y47G6A.1	481	Intestine	–
<i>inx-22</i>	Y47G6A.2	462	Germ cells	Lethal
<i>eat-5</i>	F13G3.8	423	Pharynx	Asynchronous pumping in pharynx
<i>che-7 (or inx-4)</i>	F26D11.10	554	Neurons	Chemotaxis defective
<i>unc-7</i>	R07D5.1	522	Neurons, muscles	Uncoordinated movement
<i>unc-9</i>	R12H7.1	386	Neurons, muscles	Uncoordinated movement

Table made using information from Wormbase release 220 (www.wormbase.org) and papers cited within the text.