

Supplemental Table 3. Spatial expression patterns of KH domain RBPs.

Gene	Tissue Transcriptome ^a	Tissue Proteome ^b	Tissue promoterome ^c
<i>fu1-3</i>	Hypodermis, body wall muscle, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>fu1-4</i>	n.d. ^d	Hypodermis	n.d.
<i>fu1-1</i>	Hypodermis, body wall muscle, intestine	Hypodermis, intestine, muscle, neuron	pharynx, vulva, spermatheca, muscle, hypodermis, seam cells, neurons
<i>fu1-2</i>	Hypodermis, body wall muscle, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>imph-1</i>	Hypodermis, body wall muscle, intestine	Hypodermis, intestine, muscle, neuron	pharynx, intestine, distal tip cell, spermatheca, hypodermis, neurons
<i>pes-4</i>	Intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>T10E9.14</i>	n.d.	n.d.	n.d.
<i>hrpk-1</i>	Hypodermis, body wall muscle, pharynx, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>nova-1</i>	Hypodermis, body wall muscle, pharynx, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>vglm-1</i>	Hypodermis, body wall muscle, pharynx, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>mex-3</i>	n.d.	Hypodermis, intestine, muscle, neuron	n.d.
<i>mxt-1</i>	Body wall muscle	Hypodermis, intestine, muscle, neuron	n.d.
<i>ascc-1</i>	Hypodermis, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>akap-1</i>	Hypodermis, body wall muscle, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>tofu-7</i>	n.d.	Intestine	n.d.
<i>C06G4.1</i>	n.d.	Hypodermis, muscle	n.d.
<i>E02D9.1</i>	Hypodermis, body wall muscle, pharynx, intestine	Hypodermis, intestine, muscle, neuron	pharynx, intestine, muscle, vulva, hypodermis, neurons, ventral nerve cord
<i>sfa-1</i>	Hypodermis, intestine	Hypodermis, intestine, muscle, neuron	n.d.
<i>asd-2</i>	Hypodermis, body wall muscle, pharynx	Hypodermis, intestine, muscle, neuron	n.d.
<i>gld-1</i>	n.d.	Hypodermis, intestine, muscle, neuron	n.d.
<i>B0280.17</i>	n.d.	n.d.	n.d.
<i>F54D1.1</i>	n.d.	Intestine	n.d.
<i>Y57G11C.36</i>	n.d.	Hypodermis, intestine, muscle, neuron	n.d.
<i>K07H8.9</i>	n.d.	Hypodermis, intestine	n.d.
<i>Y69A2AR.32</i>	n.d.	Hypodermis, intestine	n.d.
<i>bcc-1</i>	Hypodermis	Hypodermis	n.d.
<i>C41G7.3</i>	n.d.	Intestine	n.d.
<i>pno-1</i>	Hypodermis	Hypodermis, intestine, muscle, neuron	n.d.
<i>mask-1</i>	Hypodermis, body wall muscle, pharynx, intestine	Hypodermis, intestine, muscle, neuron	pharynx, intestine, rectum, vulva, hypodermis, seam cells, neurons

^a Kaletsky et al., 2018. Transcriptome analysis of adult *Caenorhabditis elegans* cells reveals tissue-specific gene and isoform expression

^b Reinke et al., 2018. In vivo mapping of tissue- and subcellular-specific proteomes in *Caenorhabditis elegans*

^c Hunt-Newbury et al., 2007. High-Throughput In Vivo Analysis of Gene Expression in *Caenorhabditis elegans*

^d No data available for gene within referenced dataset