

Gene(WBID)	Gene(Common)	<i>C.elegans</i> phenotype	<i>C.briggsae</i> phenotype	Primary clone (out of 4)	Secondary clone (out of 4)	Functional Class	Description
WBGene00000079	<i>adr-1</i>	Ste;Lvl	Wt	4	2	RNA Synthesis	Adenosine deaminase that acts on RNA (ADAR)
WBGene00000156	<i>apr-1</i>	Unc;Bmd;Lvl	Wt	4	2	Signalling	Orthologue of APC
WBGene00000255	<i>bli-5</i>	Bli	Wt	4	2	Proteases	Kunitz family serine protease inhibitor
WBGene00000814	<i>csn-2</i>	50-80%_Emb;Gro	Wt	4	2	Degradation	Subunit of COP9 signalosome complex
WBGene00001130	<i>dyn-1</i>	100%_Emb;Unc;Mlt;Clr	Wt	4	2	Cell Architecture	Dynamin GTPase
WBGene00001345	<i>fos-1</i>	Ste;Rup;Pvl	Gro	4	2	Transcription Factor	Basic region-leucine zipper TF
WBGene00001979	<i>hmp-2</i>	100%_Emb;Unc;Dpy;Bmd	Wt	4	2	Signalling	Beta-catenin
WBGene00001980	<i>hmr-1</i>	10%_Emb;Unc;Bmd;Dpy	10%_Emb	4	2	Cell Architecture	Cadherin
WBGene00003044	<i>lir-1</i>	10%_Emb;Lvl;Unc;Mlt	Wt	4	2	Transcription Factor	LIN-26-like zinc-finger protein
WBGene00003123	<i>mag-1</i>	90%_Emb;Gro;Dpy	Gro;Dpy	4	2	RNA Synthesis	EJC member, mago orthologue
WBGene00003209	<i>mel-26</i>	100%_Emb	Wt	4	2	Degradation	Adaptor of CUL-3-containing E3 ubiquitin ligase
WBGene00003210	<i>mel-28</i>	100.00%_Emb	Gro	4	2	Cell Architecture	Required for nuclear envelope assembly
WBGene000063651	<i>nhr-61</i>	20-40%_Emb;Gro;Pch;Sma	Wt	4	2	Transcription Factor	Nuclear hormone receptor
WBGene00004198	<i>prx-13</i>	Gro	Wt	4	2	Cell Architecture	Peroxisome assembly factor
WBGene00004430	<i>rpl-18</i>	Ste;Sck	Gro	4	2	Protein Synthesis	Ribosomal protein L18
WBGene00004450	<i>rpl-36</i>	Ste;Sck	Red	4	2	Protein Synthesis	Ribosomal protein L36
WBGene00004857	<i>sma-3</i>	Sma	Wt	4	2	Cell Architecture	Beta-H spectrin
WBGene00006428	<i>tag-49</i>	Ste;Sck	Wt	4	2	Neuro	Neuropeptide receptor
WBGene00006647	<i>tsr-1</i>	100%_Emb	50%_Emb	4	2	Cell Architecture	Nuclear transport receptor
WBGene00007275	<i>C03D6.1</i>	Gro	Wt	4	2	Unknown	Protein of unknown function
WBGene00008670	<i>F11A3.2</i>	20-40%_Emb;Gro	Wt	4	2	Protein Synthesis	Translation initiation factor eIF-2B subunit delta
WBGene00009264	<i>sac-1</i>	Gro	Wt	4	2	Cell Architecture	Inositol polyphosphate-5-phosphatase
WBGene00009626	<i>F42A8.1</i>	50-80%_Emb;Lva;Dpy;Bmd;Wt	Wt	4	2	Unknown	Protein of unknown function
WBGene00010941	<i>M176.2</i>	20-40%_Emb;Gro;Clr;Thn;P	20-40%_Emb;Weak Gro	4	2	Metabolism	Putative glutathione synthetase
WBGene00012235	<i>W04A4.6</i>	90%_Emb;Gro;Unc;Bmd	Wt	4	2	Unknown	Protein of unknown function
WBGene00012803	<i>Y43F4B.5</i>	Gro;Lvl	Wt	4	2	Metabolism	Putative phosphomannomutase
WBGene00014066	<i>rev-1</i>	100%_Emb	Wt	4	2	DNA/Cell Cycle	Translesion DNA polymerase
WBGene00016020	<i>sptl-1</i>	Gro;Lvl;Unc	Unc	4	2	Metabolism	Putative subunit of serine palmitoyltransferase
WBGene00016323	<i>C32E8.5</i>	100%_Emb;1-May;Gro	20%_Emb	4	2	RNA Synthesis	Similarity to Smad nuclear-interacting protein
WBGene00016721	<i>C46G7.1</i>	Gro	Wt	4	2	Unknown	Protein of unknown function
WBGene00017358	<i>F10E9.7</i>	Ste;Gro;Sck	Wt	4	2	Unknown	Protein of unknown function
WBGene00017769	<i>F25B4.6</i>	20-40%_Emb;Gro;Lvl;Bmd;L	Wt	4	2	Metabolism	Hydroxymethylglutaryl-CoA synthase
WBGene00017853	<i>F27C1.3</i>	Gro;Stp	Wt	4	2	Unknown	Protein of unknown function
WBGene00018793	<i>F54C4.1</i>	20-40%_Emb;Gro	20-40%_Emb	4	2	Protein Synthesis	Putative mitochondrial ribosome L30
WBGene00018961	<i>F56D1.3</i>	10%_Emb;Gro	Wt	4	2	Protein Synthesis	Subunit of mitochondrial ribosome (S)
WBGene00019126	<i>F59E12.11</i>	100%_Emb	Wt	4	2	Unknown	Protein of unknown function
WBGene00019455	<i>K06H7.1</i>	100%_Emb;Adl;Lvl;Pvl	Wt	4	2	Unknown	Protein of unknown function
WBGene00021365	<i>smgl-2</i>	100%_Emb;Unc;Lvl;Dpy	Wt	4	2	NA Binding	DEAH helicase
WBGene00021465	<i>Y39G10AR.7</i>	100%_Emb;1-May;Lva;Dpy;	Wt	4	2	Unknown	Protein of unknown function
WBGene00021468	<i>epg-2</i>	100%_Emb;Lvl	Wt	4	2	Unknown	Protein of unknown function
WBGene00021626	<i>Y47D7A.14</i>	90%_Emb	Wt	4	2	Metabolism	Putative riboflavin transporter
WBGene00022027	<i>vps-20</i>	Gro;Unc;Prz	Weak Gro;Unc;Prz	4	2	Cell Architecture	VPS-20 orthologue; likely role in trafficking
WBGene00022117	<i>Y71F9AL.12</i>	20-40%_Emb;Ste	Wt	4	2	Unknown	Protein of unknown function
WBGene00000254	<i>bli-4</i>	Mlt;Dpy;Lvl	Mlt	4	1	Proteases	KEX2/subtilisin serine endoprotease
WBGene00000431	<i>ceh-6</i>	Unc;Mlt	Wt	4	1	Transcription Factor	POU family homeodomain protein
WBGene00002152	<i>iars-1</i>	50-80%_Emb;Red;Gro	Gro	4	1	Protein Synthesis	Isoleucyl-tRNA synthetase
WBGene00003904	<i>pabp-2</i>	90%_Emb;Lva;Unc	Wt	4	1	RNA Synthesis	Polyadenylate-binding protein
WBGene00003912	<i>pal-1</i>	100%_Emb	Wt	4	1	Transcription Factor	Homeodomain protein; <i>C. elegans</i> Caudal orthologue
WBGene00004194	<i>prx-5</i>	Gro;Clr;Thn	Wt	4	1	Cell Architecture	Receptor for peroxisomal targeting signal
WBGene00004705	<i>rsp-8</i>	Gro	Wt	4	1	RNA Synthesis	Likely splicing factor
WBGene00004786	<i>sex-1</i>	20-40%_Emb;mult;Dpy;Bmd	Wt	4	1	Transcription Factor	Nuclear hormone receptor
WBGene00004951	<i>spc-1</i>	mult;Bmd;Dpy	Wt	4	1	Cell Architecture	Alpha spectrin
WBGene00014229	<i>ZK1128.3</i>	Gro;Unc;Rup;Pvl	Wt	4	1	Unknown	Protein of unknown function
WBGene00017916	<i>F29A7.6</i>	Gro;Stp;Pch;Pvl	Weak Gro	4	1	Unknown	Protein of unknown function

WBGene00000817	<i>csn-5</i>	50-80%_Emb	Wt	3	2	Degradation	Subunit 5 of the COP9 signalosome complex
WBGene00001086	<i>dpy-27</i>	Dpy;Egl	Wt	3	2	Chromatin	SMC family member, dosage compensation
WBGene00001662	<i>gop-3</i>	100%_Emb;Gro	Gro	3	2	Metabolism	Similarity to mitochondrial SAM50
WBGene00004374	<i>rme-2</i>	Ste	Gro	3	2	Cell Architecture	LDL-receptor related
WBGene00004700	<i>rsp-3</i>	100%_Emb	50%_Emb	3	2	RNA Synthesis	Likely SR-family splice factor
WBGene00004855	<i>sma-1</i>	Gro;Bmd;Sma;Rol	Wt	3	2	Cell Architecture	Beta-H spectrin
WBGene00008166	<i>saps-1</i>	50-80%_Emb;Unc;Clr;Stp	50-80%_Emb	3	2	Unknown	Protein of unknown function
WBGene00011538	<i>T06E6.1</i>	Gro	Weak Gro	3	2	Unknown	Protein of unknown function
WBGene00015146	<i>abi-1</i>	50-80%_Emb;Bmd;Adl	Wt	3	2	Signalling	Orthologue of human Abi interactor SSH3BP1
WBGene00015298	<i>C01F1.3</i>	Lvl;Unc;Pch	Wt	3	2	Metabolism	Putative thymidine diphosphoglucose 4
WBGene00016442	<i>C35D10.5</i>	20-40%_Emb;Gro	Wt	3	2	Metabolism	Ubiquinol-cytochrome c reductase complex chaperone
WBGene00017852	<i>F27C1.2</i>	Him	Wt	3	2	Small Molecule Transport	Similarity to copper transporter
WBGene00017982	<i>F32D1.2</i>	50-80%_Emb;Gro;Stp	Gro	3	2	Metabolism	Hypersensitive to pore forming toxin
WBGene00018144	<i>F37C4.4</i>	50-80%_Emb	50%_Emb	3	2	Unknown	Protein of unknown function
WBGene00019400	<i>K04G7.1</i>	50-80%_Emb;Gro;Thn;Stp	Gro	3	2	Unknown	Protein of unknown function
WBGene00020149	<i>T01D1.4</i>	Unc;Dpy	Wt	3	2	Metabolism	Similarity to methylthiopentene dioxygenase
WBGene00020705	<i>T22H9.1</i>	Gro;Pch;Stp	Wt	3	2	Protein Synthesis	Similarity to Ribosomal RNA processing protein 36
WBGene00022201	<i>Y71H10B.1</i>	Gro;Clr;Thn;Stp	Wt	3	2	Metabolism	Purine nucleotidase
WBGene00000675	<i>col-101</i>	Gro;Clr;Sma	Wt	3	1	Collagen	Cuticle collagen
WBGene00001465	<i>flr-1</i>	Gro;Clr	Weak Gro	3	1	Small Molecule Transport	Amiloride-sensitive sodium channel
WBGene00001824	<i>hbl-1</i>	20-40%_Emb;mult;Pvl;Dpy	20-40%_Emb	3	1	Transcription Factor	C2H2 zinc finger TF related to Drosophila hunchback
WBGene00001974	<i>hmg-4</i>	50-80%_Emb;Gro;Unc;Prz;L	50-80%_Emb;Gro	3	1	Chromatin	Putative FACT complex subunit
WBGene00003159	<i>mcm-7</i>	100%_Emb	50-80%_Emb	3	1	DNA/Cell Cycle	MCM complex subunit
WBGene00004197	<i>prx-12</i>	Gro;Clr	Weak Gro;Clr	3	1	Cell Architecture	Peroxisome assembly factor
WBGene00004201	<i>prx-19</i>	Gro	Wt	3	1	Cell Architecture	Peroxisome assembly factor
WBGene00004271	<i>rab-7</i>	20-40%_Emb;Prz;Bmd;Dpy	Prz;Bmd;Dpy	3	1	Cell Architecture	Rab GTPase
WBGene00004735	<i>sbp-1</i>	6-Oct;Gro;Clr;Sck	Wt	3	1	Transcription Factor	Basic helix-loop-helix (bHLH) related to SREBPs
WBGene00006914	<i>vha-5</i>	10%_Emb;Gro;mult;Unc;Clr	10%_Emb	3	1	Small Molecule Transport	Subunit of vacuolar proton-translocating ATPase
WBGene00009259	<i>F29G6.3</i>	Gro;Clr	Wt	3	1	Unknown	Protein of unknown function
WBGene00009504	<i>F37B12.1</i>	Pvl;Rup;Egl	Wt	3	1	Unknown	Protein of unknown function
WBGene00009880	<i>F49C12.11</i>	Unc;Dpy	Wt	3	1	Unknown	Protein of unknown function
WBGene00012704	<i>Y39C12A.1</i>	Unc;Lvl;Clr	Wt	3	1	Signalling	Protein of unknown function
WBGene00012885	<i>Y45F10D.4</i>	Gro	Wt	3	1	Metabolism	Iron-sulfur cluster assembly enzyme
WBGene00013585	<i>cyp-42A1</i>	Unc	Wt	3	1	Metabolism	Cytochrome P450
WBGene00016169	<i>C27F2.7</i>	Gro;Bmd	Wt	3	1	Unknown	Protein of unknown function
WBGene00018492	<i>F46E10.11</i>	Gro;Lvl;Prz	Wt	3	1	Unknown	Protein of unknown function
WBGene00022631	<i>nekl-2</i>	Unc;Lvl;Rol	Unc;Sck	3	1	Signalling	Serine/threonine protein kinase