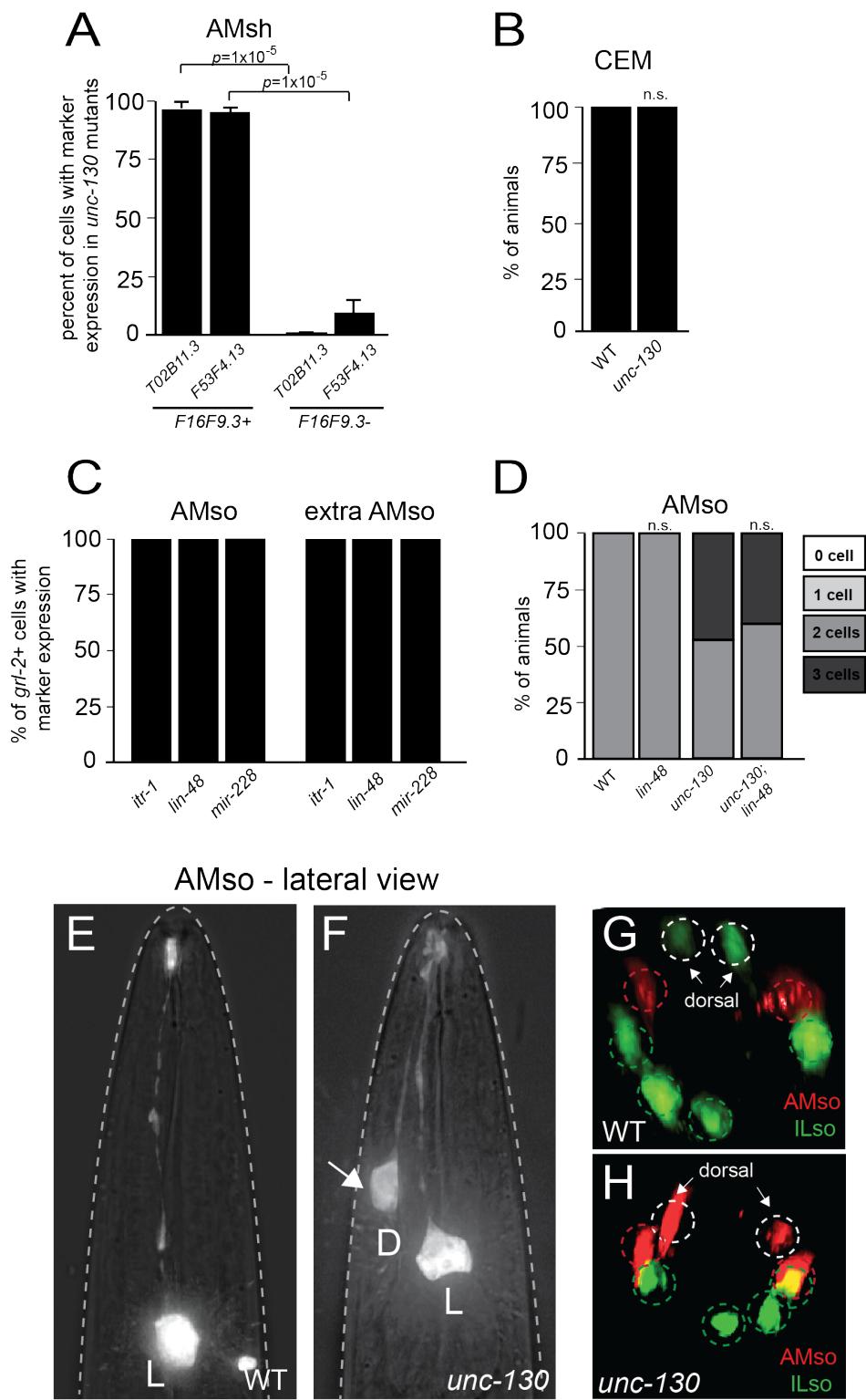


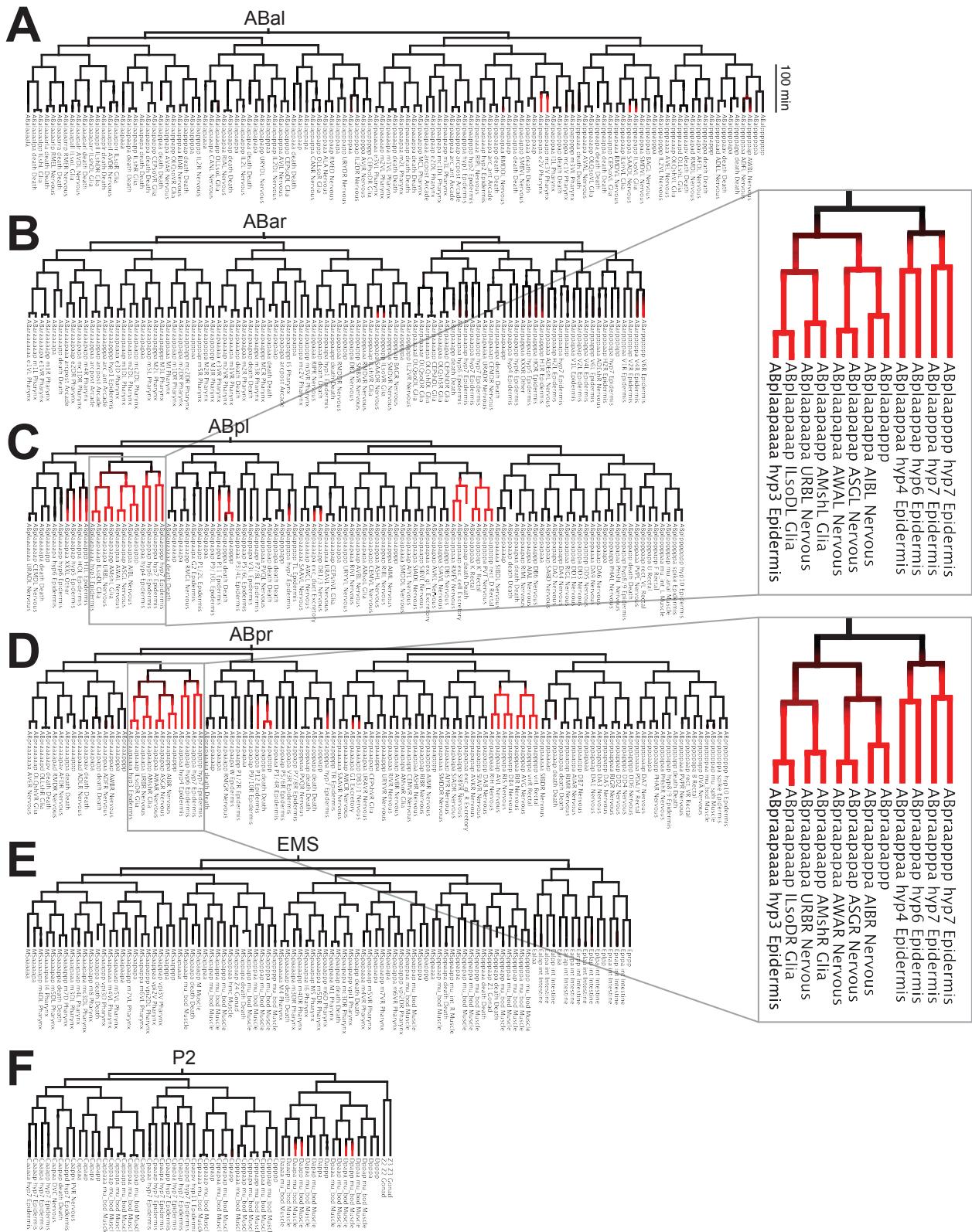
**Fig. S1. Related to Fig. 1**

(A) Two example ILsoD (ABpxaabaa) lineages from wild-type and *unc-130* mutant embryos. Light blue arrowheads denote division of wild-type ILsoD progenitors and dark blue arrowheads denote divisions of *unc-130* mutant ILsoD progenitors that produce ILsoD and hyp3 cells. (B) Cell cycle lengths of ILsoL, ILsoR, ILsoVL, ILsoVR, ILsoDL, and ILsoDR progenitor cells in wild-type and *unc-130* mutant embryos. n = 6 for wild type, n = 8 for *unc-130* mutants. Center lines represent population median. Asterisks denote p-value < 0.05 as calculated by Welch's t-test.



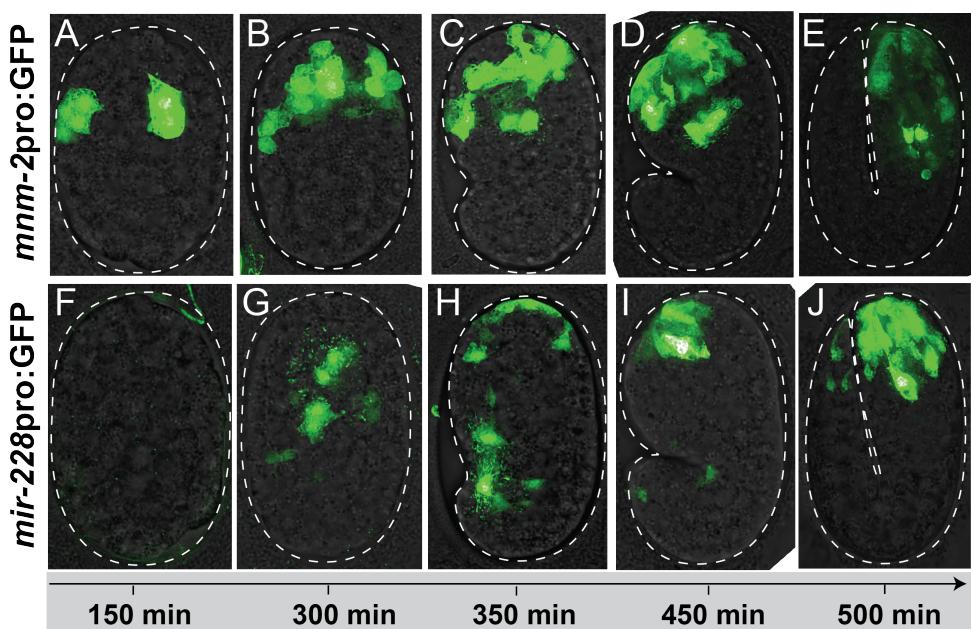
**Fig. S2. Related to Fig. 2**

(A) Percentage of *F16F9.3*+ and *F16F9.3*- cells co-expressing AMsh markers, *T02B11.3pro*:GFP and *F53F4.13pro*:GFP, in *unc-130* mutant animals. n ≥ 20 cells per marker. Error bars – standard error of proportion. p-values calculated by z-score for two population proportions. (B) Percentage of wild-type and *unc-130* mutant males expressing the CEM neuron marker, *pkd-2pro*:GFP. The CEM neuron is the sister cell of AMso in males. (C) Percentage of *grl-2*+ cells co-expressing AMso markers, *itr-1pro*:GFP and *lin-48pro*:GFP, and glial marker *mir-228pro*:histone-GFP in endogenous and extra cells in *unc-130* mutants. n ≥ 20 cells per marker. (D) Percentage of animals expressing AMso-specific marker *grl-2pro*:YFP in zero, one, two, three or more cells in wild type, *lin-48*, *unc-130*, and *lin-48; unc-130* double mutants. n=50 animals per genotype. p-values were calculated by Fisher's Exact test. Lateral views of wild-type (E) and *unc-130* mutant (F) animals expressing AMso marker, *grl-2pro*:YFP. Arrow indicates extra cell. In lateral views, the other endogenous AMso cell is not visible. D – dorsal, L – lateral. En face views of wild-type (G) and *unc-130* mutant (H) animals co-expressing *grl-18pro*:GFP to mark ILso glia and *grl-2pro*:mApple to mark AMso glia. Arrows indicate cells in the dorsal position. There are two extra AMso glia in this particular *unc-130* mutant animal.



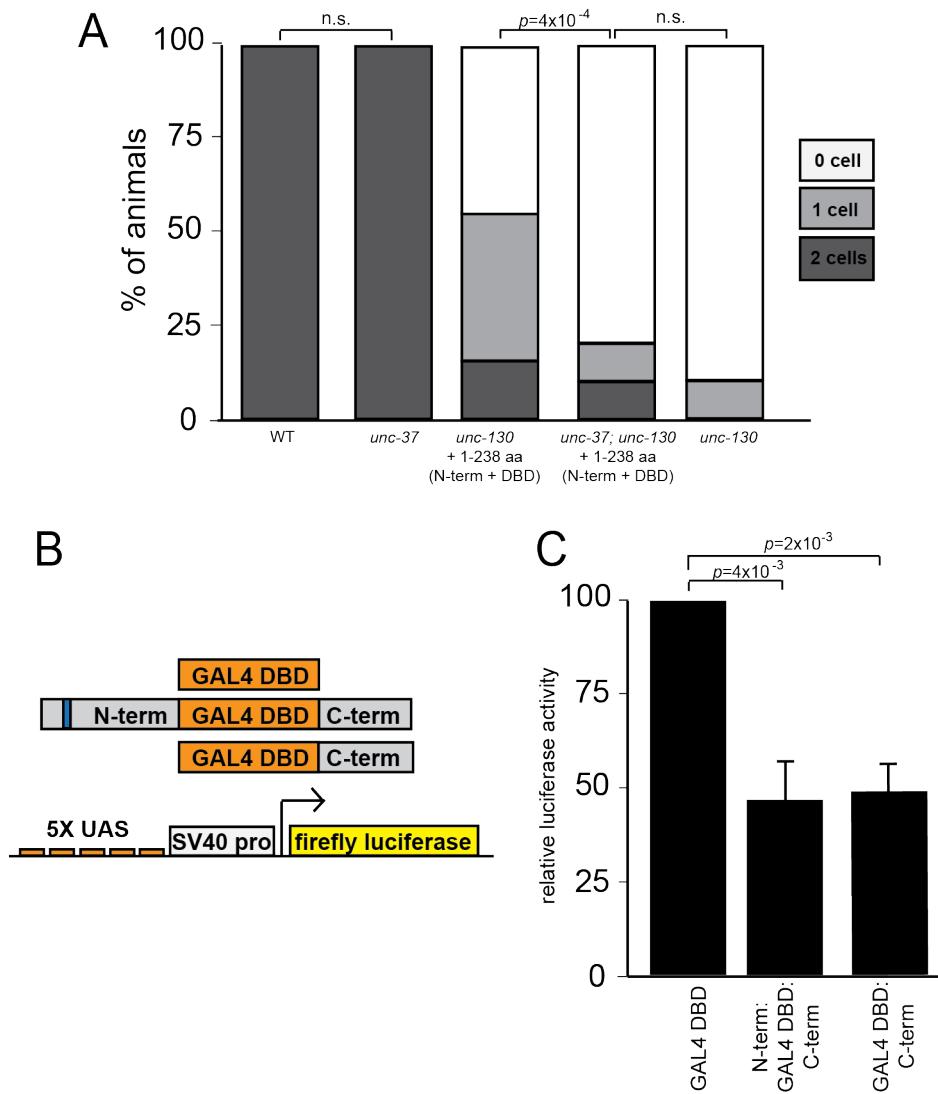
**Fig. S3. Related to Fig. 3**

(A-F) Lineage diagram of all embryonic divisions in a wild-type embryo from the lineaging strain RW11144, which expresses UNC-130:GFP. (A) ABal, (B) ABar, (C) ABpl, (D) ABpr, (E) MS and E, and (F) C, D, and Z lineages. UNC-130 expression levels are indicated in red.



**Fig. S4. Related to Fig. 3.**

Time course of *mnm-2pro:GFP* (A-E) and *mir-228pro:GFP* (F-J) expression in embryos.

**Fig. S5. Related to Fig. 4**

(A) Percentage of animals expressing *grl-18pro:YFP* in zero, one, or two ILsoD glia in wild-type, *unc-37* mutants, and *unc-130* mutants with N-terminus rescue, *unc-130*; *unc-37* double mutants with N-terminus rescue, and *unc-130* mutants alone. n = 50 animals per condition. p-values were calculated by Fisher's Exact test. (B) Schematic diagram of constructs used in luciferase assays. (C) GAL4DBD alone, N-term:GAL4DBD:C-term, or GAL4DBD:C-term, along with a UAS-firefly luciferase reporter and constitutively expressed renilla luciferase were

transfected into HEK293T cells. Relative firefly luciferase activity, first normalized to renilla luciferase bioluminescence in each sample, and then to DBD-GAL4 alone. Error bars - SD; *p*-values calculated by Welch's t-test with Bonferroni correction for multiple t-tests.

**A**

UNC-130 -----MLFSMESILSSTKPLEPPPKLEP--EVTINEQVVVDLPR--SNTRLSEPST  
 FoxD3 MTLSGGGSASDMSGQTVLTAEDVDIDVVGEGDDGLEEKSDAGCDSPAGPPELRLDEADE

SASVLEHDLKFGESRKRSRSLGDEPTEDEDGVPVRKANKRNHSTSSAADSSSSDAKKDDDD  
 VPPAAPHHGQPQQPLTPKEAAGAGAGPGGDVGAPEADGCCKGGVGEEGGASGGGP

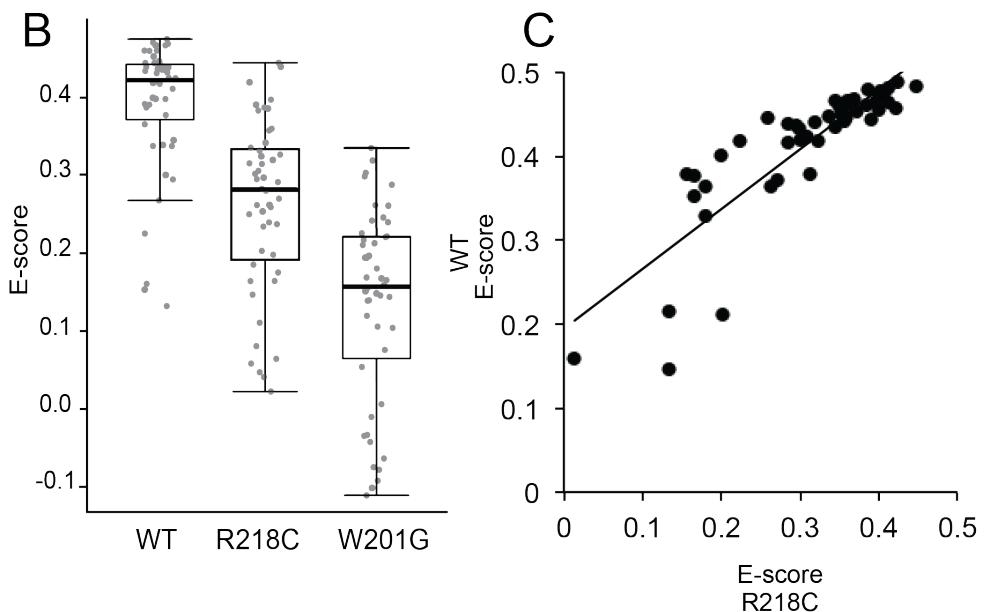
DDDSTSRKSMSGHHR-KSSHAKPPYSYIALIAMSILNSPEKKLTSEICEFIINKFEYYKE  
 GAGSGSAGGLAPSPKKNLVKPPYSYIALITMAILQSPQKKLTSGICEFISNRFPYYRE  
 \*\*\*\*\* \* \*\*\* \*\*\* \*\*\*\*\* \* \*\*\*\*\* \* \*\*\* \* \*\*\* \*

KFPAWQNSIRHNLSLNDCFVKVARGPGNPGKGNYWALDPNCEMDNGSFLRRRKRYKKNN  
 KFPAWQNSIRHNLSLNDCFVKIPREPGPNPGKGNYWTLDPQSEDMFDNGSFLRRRKRFKRH  
 \*\*\*\*\* \* \*\*\* \* \*\*\*\*\* \* \*\*\* \*

SDTYH-----EMMSHPMPFPFLPQGMPFP-PRMMHPMANIPMLGHPMNPRAVPNMPA  
 QQEHLREQTALMMQSFGAYSLAAAAGAAGPYGRPYGLHPAAAFAYSHPAAAAAAAGTAGA

FFIPQNID-----SQKLLSMMASRIMPMDAPVS  
 LQYPYALPPVAPVLPPAVPLLPSGELGRKAAAFGSQLGPQLGLNSLGAAAAAAGTAGA

SGQKRTSSSSSPNENGSSAVSDKLSA-----  
 AGTTASLIKSEPSARPSFSINIIGGGPAAPPGGSAVGAGVAGGTGGGGSTAQSFLRPP  
 -----  
 GTVQSAALMATHQPLLSRTTATIAPILSVPLSGQFLQPAASAAAAAAQAKWPAQ



**Fig. S6. Related to Fig. 5**

(A) Alignment of UNC-130 (black) and FoxD3 (gray) sequences. DNA binding domain is highlighted in green. Eh1 motifs are highlighted in blue. Asterisks denote conserved amino acids in the DNA binding domain. Underlined residues are mutated in point mutants described in Fig. 5. (B) Technical replicate of PBM experiment from Fig. 5D. Scatter plot of E-scores for 8-mer DNA sequences matching [A/G][C/T]AAACA or AA[C/T]AACCA from protein binding microarray (PBM) assays of wild-type, R218C, and W201G mutant proteins. Black lines represent population median, top and bottom of boxes are 25<sup>th</sup> and 75<sup>th</sup> percentiles, respectively, and top and bottom of whiskers are either most extreme point or 1.5x the interquartile range. *p*-values calculated by Mann-Whitney test. (C) Scatter plot of E-scores for 8-mer DNA sequences matching [A/G][C/T]AAACA or AA[C/T]AACCA for wild-type versus R218C mutant proteins. Linear regression,  $R^2=0.72$

**Table S1. Penetrance of phenotypes in Fig. 1**

			% of animals with # of cells					
cell type	marker	genotype	0	1	2	n	p-value	
ILsoD	<i>grl-18</i>	wt	0	0	100	50	$2 \times 10^{-29}$	
		<i>ev505</i>	90	10	0	50		
ILsoD	<i>col-53</i>	wt	0	0	100	50	$2 \times 10^{-29}$	
		<i>ev505</i>	88	12	0	50		
ILsoD	<i>col-177</i>	wt	0	6	94	50	$2 \times 10^{-27}$	
		<i>ev505</i>	86	14	0	50		
ILsoL/R	<i>grl-18</i>	wt	0	0	100	50	1	
		<i>ev505</i>	0	0	100	50		
ILsoL/R	<i>col-53</i>	wt	0	6	94	50	0.1	
		<i>ev505</i>	0	0	100	50		
ILsoL/R	<i>col-177</i>	wt	8	10	82	50	0.4	
		<i>ev505</i>	2	14	84	50		
ILsoV	<i>grl-18</i>	wt	0	0	100	50	1	
		<i>ev505</i>	0	0	100	50		
ILsoV	<i>col-53</i>	wt	0	4	96	50	1	
		<i>ev505</i>	0	4	96	50		
ILsoV	<i>col-177</i>	wt	0	2	98	50	0.1	
		<i>ev505</i>	0	12	88	50		

**Table S2.** Penetrance of IL neuron phenotypes.

			% of animals with # of cells					
cell type	marker	genotype	4	5	6	>6	n	p-value
<b>IL1</b>	<i>flp-3</i>	wt	12	10	78	0	50	$9 \times 10^{-4}$
		<i>ev505</i>	16	4	58	22	50	
<b>IL2</b>	<i>klp-6</i>	wt	4	12	84	0	50	0.4
		<i>ev505</i>	0	12	84	4	50	

**Table S3.** Penetrance of phenotypes in Fig. 2.

			% of animals with # of cells						
cell type	marker	genotype	0	1	2	3	4	n	p-value
<b>hyp3</b>	<i>ceh-10</i>	wt	0	0	100	-	-	50	$1 \times 10^{-10}$
		<i>ev505</i>	0	30	70	-	-	50	
<b>URB</b>	<i>nlp-6</i>	wt	0	2	98	-	-	50	1
		<i>ev505</i>	0	4	96	-	-	50	
<b>AMsh</b>	<i>F16F9.3</i>	wt	0	0	100	-	-	50	$5 \times 10^{-7}$
		<i>ev505</i>	6	32	62	-	-	53	
<b>CEPsh</b>	<i>hlh-17</i>	wt	0	0	0	0	100	50	0.2
		<i>ev505</i>	0	0	0	6	94	50	
<b>AMso</b>	<i>grl-2</i>	wt	0	0	100	0	0	50	$7 \times 10^{-8}$
		<i>ev505</i>	0	0	58	34	8	53	
<b>PHsh</b>	<i>F16F9.3</i>	wt	0	12	88	-	-	50	1
		<i>ev505</i>	0	14	86	-	-	50	
<b>PHso</b>	<i>grl-2</i>	wt	0	0	0	4	96	50	0.2
		<i>ev505</i>	0	0	0	12	88	50	

**Table S4. Strains generated for this study**

<b>ID</b>	<b>Genotype</b>	<b>Figures</b>
CHB3747	<i>hmnnEx2123</i> [ <i>grl-2pro:CFP</i> + <i>grl-18pro:YFP</i> ]	1
CHB3756	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx2126</i> [ <i>grl-2pro:CFP</i> + <i>grl-18pro:YFP</i> ]	1
CHB3310	<i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>ynIs78</i> [ <i>flp-8pro:GFP</i> ]	1, 5
CHB3311	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>ynIs78</i> [ <i>flp-8pro:GFP</i> ]	1
CHB4124	<i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>hmnnEx2227</i> [ <i>col-53pro:GFP</i> + pRF4]	1
CHB4143	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>hmnnEx2227</i> [ <i>col-53pro:GFP</i> + pRF4]	1
CHB4064	<i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>hmnnEx2171</i> [ <i>col-177pro:GFP</i> + pRF4]	1
CHB4125	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs47</i> [ <i>grl-18pro:mApple</i> ]; <i>hmnnEx2171</i> [ <i>col-177pro:GFP</i> + pRF4]	1
CHB3933	<i>ujIs113</i> ; <i>wgIs476</i>	S1
CHB4067	<i>ev505 ujIs113; wgIs476</i>	S1
CHB4046	<i>hmnnIs100</i> [ <i>ceh-10pro:GFP</i> + pRF4]	2
CHB4047	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs100</i> [ <i>ceh-10pro:GFP</i> + pRF4]	2
CHB4066	<i>hmnnEx2237</i> [ <i>nlp-6pro:GFP</i> + pRF4]	2
CHB4163	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx2237</i> [ <i>nlp-6pro:GFP</i> + pRF4]	2
CHB3562	<i>unc-130</i> ( <i>ev505</i> ); <i>irIs67</i> [ <i>hh-17pro:GFP</i> ]	2
CHB1634	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs13</i> [ <i>F16F9.3pro:mCherry</i> + <i>grl-2pro:YFP</i> + <i>gcy-8pro:CFP</i> ]	2
CHB1549	<i>hmnnIs13</i> [ <i>F16F9.3pro:mCherry</i> + <i>grl-2pro:YFP</i> + <i>gcy-8pro:CFP</i> ]	2
CHB3850	<i>hmnnEx1910</i> [ <i>grl-2pro:mCherry</i> + <i>itr-1pro:YFP</i> + pRF4]	S2
CHB3355	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1910</i> [ <i>grl-2pro:mCherry</i> + <i>itr-1pro:YFP</i> + pRF4]	S2
CHB3422	<i>saIs14</i> [ <i>lin-48pro:GFP</i> ]; <i>hmnnEx1939</i> [ <i>grl-2pro:mCherry</i> + pRF4]	S2
CHB3441	<i>unc-130</i> ( <i>ev505</i> ); <i>saIs14</i> [ <i>lin-48pro:GFP</i> ]; <i>hmnnEx1951</i> [ <i>grl-2pro:mCherry</i> ; pRF4]	S2

CHB3221	<i>hmnnEx1715</i> [ <i>F53F4.13</i> pro:GFP + pRF4]; <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB2966	<i>hmnnEx1683</i> [ <i>T02B11.3</i> pro:GFP + pRF4]; <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB3045	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1715</i> [ <i>F53F4.13</i> pro:GFP + pRF4]; <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB3030	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1683</i> [ <i>T02B11.3</i> pro:GFP + pRF4]; <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB2223	<i>unc-130</i> ( <i>ev505</i> ); <i>myIs4</i> [ <i>pkd-2</i> pro:GFP] <i>him-5</i> ( <i>e1490</i> )	S2
CHB4308	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx2293</i> [ <i>mir-228</i> pro:histone-GFP]; <i>hmnnEx1949</i> [ <i>grl-2</i> pro:mApple + pRF4]	S2
CHB4309	<i>unc-130</i> ( <i>ev505</i> ); <i>lin-48</i> ( <i>sa469</i> ); <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB4302	<i>lin-48</i> ( <i>sa469</i> ); <i>hmnnIs13</i> [ <i>F16F9.3</i> pro:mCherry + <i>grl-2</i> pro:YFP + <i>gcy-8</i> pro:CFP]	S2
CHB2958	<i>hmnnEx1676</i> [ <i>grl-2</i> pro:mApple + <i>grl-18</i> pro:GFP]	S2
CHB2961	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1679</i> [ <i>grl-2</i> pro:mApple + <i>grl-18</i> pro:GFP]	S2
CHB3775	<i>hmnnIs82</i> [ <i>grl-18</i> pro:GFP]	3
CHB4160	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs82</i> [ <i>grl-18</i> pro:GFP]	3
CHB3313	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1903</i> [ <i>unc-130</i> pro4: <i>unc-130</i> + <i>grl-18</i> pro:GFP + <i>fip-8</i> pro:mCherry + pRF4]	3, 4, 5
CHB4174	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs82</i> [ <i>grl-18</i> pro:GFP]; <i>hmnnEx2273</i> [ <i>mnm-2</i> pro: <i>unc-130</i> + pRF4]	3
CHB4157	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnIs82</i> ; <i>hmnnEx2282</i> [ <i>mir-228</i> pro: <i>unc-130</i> + <i>grl-18</i> pro:YFP + pRF4]	3
CHB4158	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx2283</i> [ <i>hsp16-2</i> pro: <i>unc-130</i> + <i>hsp16-41</i> pro: <i>unc-130</i> + <i>grl-18</i> p:YFP + <i>unc-122</i> pro:RFP])	3
CHB1996	<i>hmnnEx1138</i> [ <i>mnm-2</i> pro:GFP + <i>egl-38</i> pro:nls-mCherry + pRF4]	S4
CHB3447	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1964</i> [ <i>unc-130</i> pro4:DBD + <i>grl-18</i> pro:GFP + <i>fip-8</i> :mCherry + pRF4]	4
CHB3428	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1945</i> [ <i>unc-130</i> pro4:DBD-VP64 + <i>grl-18</i> pro:GFP + <i>fip-8</i> :mCherry + pRF4]	4
CHB3381	<i>unc-130</i> ( <i>ev505</i> ); <i>hmnnEx1922</i> [ <i>unc-130</i> pro4:N-TERM + <i>grl-18</i> pro:GFP + <i>fip-8</i> :mCherry + pRF4]	4

CHB3402	<i>unc-130</i> (ev505); <i>hmnnEx1927</i> [ <i>unc-130pro4</i> : del eh1 N-TERM + <i>grl-18pro</i> :GFP + <i>fip-8</i> :mCherry + pRF4]	4
CHB3427	<i>unc-130</i> (ev505); <i>hmnnEx1944</i> [ <i>unc-130pro4</i> :C-TERM + <i>grl-18pro</i> :GFP + <i>fip-8</i> :mCherry + pRF4]	4
CHB4144	<i>unc-130</i> (ev505); <i>hmnnEx2275</i> [ <i>unc-130pro4</i> :DBD-Engrailed + <i>grl-18pro</i> :GFP + pRF4]	4
CHB4139	<i>unc-130</i> (ev505); <i>hmnnEx2274</i> [ <i>unc-130pro4</i> : del eh1 unc-130 + <i>grl-18pro</i> :YFP + <i>F16F9.3pro</i> :CFP + pRF4]	4
CHB4311	<i>unc-130</i> (ev505); <i>unc-37</i> (e262) <i>hmnnEx2345</i> [ <i>unc-130pro4</i> :N-TERM + <i>grl-18pro</i> :GFP + <i>unc-122pro</i> :RFP]	S5
CHB4310	<i>unc-37</i> (e262); <i>hmnnIs82</i> [ <i>grl-18pro</i> :GFP]	S5
CHB3381	<i>unc-130</i> (hd12); <i>hmnnIs47</i> [ <i>grl-18pro</i> :mApple]; <i>ynnIs48</i> [ <i>fip-8pro</i> :GFP]	5
CHB3382	<i>unc-130</i> (ns313); <i>hmnnIs47</i> [ <i>grl-18pro</i> :mApple]; <i>ynnIs48</i> [ <i>fip-8pro</i> :GFP]	5
CHB3384	<i>unc-130</i> (oy10); <i>hmnnIs47</i> [ <i>grl-18pro</i> :mApple]; <i>ynnIs48</i> [ <i>fip-8pro</i> :GFP]	5
CHB3382	<i>unc-130</i> (ev659); <i>hmnnIs47</i> [ <i>grl-18pro</i> :mApple]; <i>ynnIs48</i> [ <i>fip-8pro</i> :GFP]	5
CHB3378	<i>unc-130</i> (op459); <i>hmnnIs47</i> [ <i>grl-18pro</i> :mApple]; <i>ynnIs48</i> [ <i>fip-8pro</i> :GFP]	5
CHB3411	<i>unc-130</i> (ev505); <i>hmnnEx1936</i> [ <i>unc-130pro4</i> :FOXD3, <i>grl-18pro</i> :GFP, <i>fip-8</i> :mCherry, pRF4]	5

**Table S5. Strains generated in previous studies**

<b>ID</b>	<b>Genotype</b>	<b>Fig.</b>	<b>Source/Reference</b>
OP476	<i>wgIs476</i> [unc-86::TY1::EGFP::3xFLAG]	S1	(Sarov et al., 2006)
VPR839	<i>irIs67</i> [ <i>hlh-17</i> pro:GFP]; <i>unc-119</i>	2	(Stout & Parpura, 2011)
CM117	<i>saIs14</i> [ <i>lin-48</i> pro:GFP]	S2	(Johnson et al., 2001)
OP77	<i>wgIs77</i> [unc-130::TY1::EGFP::3xFLAG]	3	(Sarov et al., 2006)
RW11144	<i>itIs37</i> [ <i>pie-1</i> pro:mCherry], <i>stIs10116</i> [ <i>his-72</i> pro:his-24:mCherry]; <i>wgIs76</i> [unc-130:TY1:EGFP:3xFLAG]	3, S3	(Murray et al., 2012)
OS4260	<i>nsIs198</i> [ <i>mir-228</i> pro:GFP]	S4	(Pierce et al., 2008)
PT621	<i>myIs4</i> [ <i>pkd-2</i> pro:GFP] <i>him-5</i> ( <i>e1490</i> )	S2	(Barr & Sternberg, 1999)

**Table S6. Plasmids generated for this study**

ID	Name
pKM47	<i>grl-1</i> 8pro:YFP
pKM15	<i>grl-2</i> pro:YFP
pKM117	<i>grl-2</i> pro:CFP
pIL36	<i>grl-2</i> pro:mCherry
pIL41	<i>grl-2</i> pro:mApple
pKM16	<i>F16F9.3</i> pro:CFP
pKM55	pDest15 UNC-130 DBD
pKM69	pDest15 R218C UNC-130 DBD
pKM71	pDest15 W201G UNC-130 DBD
pKM59	<i>unc-130</i> pro4:UNC-130
pKM77	<i>unc-130</i> pro4:N-term:UNC-130 DBD
pKM79	<i>unc-130</i> pro4:UNC-130 DBD:C-term
pKM88	<i>unc-130</i> pro4:del eh1 N-term:UNC-130 DBD
pKM78	<i>unc-130</i> pro4:UNC-130 DBD
pKM83	<i>unc-130</i> pro4:UNC-130 DBD VP64
pKM80	<i>unc-130</i> pro4: del eh1 UNC-130
pKM115	5XUAS SV40pro:firefly luciferase
pKM114	CAGpro: renilla luciferase

pKM111	CAGpro:GAL4DBD:UNC-130 C-term
pKM113	CAGpro:GAL4DBD
pKM108	CAGpro:UNC-130 N-term:GAL4DBD: UNC-130 C-term
pKM72	<i>unc-130</i> pro4:FOXD3
pKM119	<i>mir-228</i> pro: <i>unc-130</i>
pKM118	<i>mnm-2</i> pro: <i>unc-130</i>
pKM67	<i>hsp16-2</i> pro: <i>unc-130</i>
pKM68	<i>hsp16-4I</i> pro: <i>unc-130</i>
pKM126	<i>nlp-6</i> pro:GFP
pKM123	<i>ceh-10</i> pro:GFP

**Table S7. Primers of general interest**

Name	Sequence
unc-130pro4_fwd	gtactCCTGCAGGcttcaattgaaaattccgaga
unc-130pro4_rev	gatecGGCGCGCCtgttACCGGTgtctacctagt