

A	B	C	D	E	F	G	H	I	J	K
1	Table S4: additional annotated miRNAs in <i>C. elegans</i>									
2										
3	Comparing with paper: Kruesi, William S., et al. "Condensin controls recruitment of RNA polymerase II to achieve nematode X-chromosome dosage compensation." <i>Elife</i> 2 (2013): e00808.									
4										
5	New identified pre-miRNAs with candidate primary TSSs in <i>C. elegans</i>									
6	#mi_name	mi_chrom	mi_strand	mi_start	mi_end	pre-miRNA capped	pre_cap_reads_number	pri_TSS	pri_TSS_position	pri_TSS_reads_number
7	1	cel-mir-8204	I	+	3710171	3710241	0		3710095,	67,
8	2	cel-mir-235	I	-	6162291	6162387	1	20,	6163239,6164365,	11,5,
9	3	cel-mir-1818	I	-	13980858	13980954	0		13980989,13989672,13992591,13997150,14004323,	19,12,5,12,5,
10	4	cel-mir-245	I	+	7887371	7887467	0		7886105,7887328,	18,74,
11	5	cel-mir-1823	I	+	12608619	12608708	0		12601770,	7,
12	6	cel-mir-234	II	-	14466263	14466358	0		14468883,	15,
13	7	cel-mir-236	II	-	7030180	7030277	0		7030340,7031321,7033201,	735,17,5,
14	8	cel-mir-5593-1	II	+	431492	431554	0		420660,423250,427134,429983,	38,13,14,37,
15	9	cel-mir-261	II	+	5969058	5969156	0		5967673,	27,
16	10	cel-mir-355	II	-	11833536	11833645	0		11833679,	50,
17	11	cel-mir-44	II	+	11890023	11890118	0		611887151,11888058,11888392,11889625,11889824,11889993,	15,24,93,11,368,499,
18	12	cel-mir-2207	II	+	11600300	11600383	1	21,	311595576,11595763,11595881,	6,16,5,
19	13	cel-mir-8186-2	II	-	18637	18697	0		218932,22945,	39,5,
20	14	cel-mir-2215	II	-	13333763	13333827	0		413335024,13335202,13338104,13338764,	16,131,12,17,
21	15	cel-mir-5547	II	+	12238602	12238711	0		112237814,	35,
22	16	cel-mir-272	III	-	11637966	11638060	0		511657316,11674565,11675607,11684870,11689384,	9,12,10,5,5,
23	17	cel-mir-2213	III	+	6968870	6968924	0		16968527,	18,
24	18	cel-mir-5551	IV	+	9757508	9757616	0		29741430,9757383,	5,9,
25	19	W08D2.14	IV	-	9825313	9825421	0		19825518,	6,
26	20	cel-mir-242	IV	+	4274247	4274342	0		14274173,	20,
27	21	cel-mir-4934	IV	-	9825312	9825421	0		19825518,	6,
28	22	cel-mir-4937	IV	-	1381705	1381814	0		21381998,1390313,	12,7,
29	23	cel-mir-53	IV	-	11027593	11027691	1	239,	111028153,	25,
30	24	cel-mir-59	IV	-	11309154	11309253	0		211309320,11310747,	8,15,
31	25	C07B3.1	IV	-	1381706	1381814	0		21381998,1390313,	12,7,
32	26	cel-mir-8194	V	-	1221313	1221368	0		21221457,1222116,	6,5,
33	27	cel-mir-48	V	-	14364412	14364509	0		214371992,14373089,	19,27,
34	28	cel-lsy-6	V	+	10647232	10647304	0		210645677,10647182,	38,50,
35	29	cel-mir-250	V	-	11769917	11770015	0		711770221,11773124,11773636,11774077,11774168,11777938,1177	39,9,86,17,24,7,12,
36	30	cel-mir-259	V	-	10539025	10539125	0		110539186,	44,
37	31	cel-mir-8203	X	-	7882764	7882824	0		17883041,	10,
38	32	cel-mir-787	X	+	11294708	11294797	0		311288996,11290226,11290665,	18,5,159,
39	33	cel-mir-34	X	-	2969752	2969848	0		32978249,2984115,2989975,	19,14,6,
40	34	cel-mir-785	X	+	3004668	3004761	0		12995849,	15,
41	35	cel-mir-786	X	+	7882751	7882840	0		17881107,	5,
42	36	cel-mir-264	X	+	2819254	2819346	0		22809851,2814606,	16,76,
43	37	cel-mir-359	X	+	3004291	3004400	0		12995849,	15,
44	38	F18E9.9	X	-	8600642	8600734	0		18601093,	5,
45	39	cel-mir-248	X	-	2262373	2262470	0		12262525,	152,
46	40	cel-mir-73	X	+	2368765	2368863	0		22367321,2368753,	7,306,
47	41	cel-mir-251	X	+	11004728	11004824	0		211003127,11004598,	6,40,
48	42	cel-mir-392	X	+	13597231	13597340	0		113596247,	86,
49	43	cel-mir-799	X	-	8600643	8600735	0		18601093,	5,
50	44	cel-mir-797	X	+	4757109	4757197	0		74741598,4744289,4748911,4750276,4751364,4751655,4752322,	6,10,17,5,8,10,7,
51	45	cel-mir-793	X	+	13857962	13858053	0		113857900,	55,
52	46	cel-mir-239b	X	-	11791302	11791399	0		111791457,	11,
53										
54										
55	Common identified pre-miRNAs with candidate primary TSSs in <i>C. elegans</i>									
56	#mi_name	mi_chrom	mi_strand	mi_start	mi_end	pri_TSS	pri_TSS_position	Previous work:	difference	
57	1	cel-mir-244	I	-	4684316	4684414	1	4684495,	4684494	1
58	2	cel-mir-79	I	+	9332946	9333043	3	9331031,9331835,9332806,	9332797	9
59	3	cel-mir-45	II	-	11880944	11881039	3	11881110,11884361,11886964,	11881068	42
60	4	cel-mir-60	II	-	6328702	6328799	1	6328847,	6328813	34
61	5	cel-mir-72	II	+	2452838	2452936	1	2452695,	2452722	27
62	6	cel-mir-238	III	-	8867328	8867425	2	8867479,8868502,	8868378	124
63	7	cel-mir-46	III	+	13660515	13660611	1	13660404,	13660306	98
64	8	cel-mir-76	III	+	3142045	3142141	3	3136864,3139322,3140528,	3140519	9
65	9	cel-mir-232	IV	-	10994169	10994266	3	10994312,10995625,11008387,	10994289	23
66	10	cel-mir-61	V	-	11770060	11770156	7	11770221,11773124,11773636,11774077,11774168	11770201	20
67	11	cel-mir-241	V	-	14366188	14366283	1	14366610,	14366597	13
68	12	cel-mir-255	V	+	5440639	5440748	1	5440590,	5440573	17
69	13	cel-mir-792	V	-	3042092	3042181	1	3042229,	3042225	4
70	14	cel-mir-788	X	-	8485294	8485371	1	8485434,	8485379	55
71	15	cel-mir-47	X	+	13921250	13921346	5	13887410,13889362,13917622,13918406,13920855	13920753	102
72	16	cel-mir-63	X	-	17598765	17598868	2	17598908,17600216,	17598830	78
73	17	cel-mir-49	X	+	9989282	9989378	4	9985099,9987380,9988327,9989143,	9989073	70
74	18	cel-mir-75	X	+	2372453	2372549	3	2369581,2370904,2372432,	2372235	197
75	19	cel-mir-800	X	-	380919	380991	1	381098,	381097	1
76	20	cel-mir-791	X	+	5809349	5809433	1	5809275,	5809239	36
77	21	cel-let-7	X	-	14744173	14744271	2	14744481,14747079,	14744410	71
78										
79										
80	New identified miRNA clusters in <i>C. elegans</i>									
81	#cluster	mi_name	mi_chrom	mi_strand	mi_start	mi_end	pre-miRNA capped	pre_cap_reads_number	pri_TSS	pri_TSS_position
82	1*	cel-mir-8211	III	-	11936916	11936980	0		2	11936992,11937070,
83	1	cel-mir-86	III	-	11936637	11936734	1	23,	2	11936992,11937070,
84	2*	cel-mir-1821	V	-	3042530	3042633	0		1	3042228,
85	2	cel-mir-792	V	-	3042092	3042181	0		1	3042228,
86	3*	cel-mir-61	V	-	11770060	11770156	0		1	11770220,
87	3	cel-mir-250	V	-	11769917	11770015	0		1	11770220,
88										
89										
90	Common identified miRNA clusters in <i>C. elegans</i>									
91	mi_cluster	mi_chrom	mi_strand	mi_start	mi_end	pri_TSS	pri_TSS_position	Previous work:	difference	
92	1	>mir-35_36_37_38_39	II	+	11537604	11537625	5	11535699,11535906,11536194,11537280,11537526	11537461	65
93	2	>mir-42_43_44_45	II	+	11889807	11889828	3	11888058,11888392,11889625,	11889632	7
94	3	>mir-229_64_65_66	III	+	2172449	2172474	1	2172375,	2172340	35
95	4	>mir-54_55_56	X	-	13144941	13144964	4	13145254,13145358,13146147,13146365,	13145182	72
96	5	>mir-73_74	X	+	2368818	2368840	2	2367321,2368753,	2368744	9