

**Table.S2** miRAlign detected *Anopheles gambiae* putative miRNA genes with *tss*>35.

Chromosome	Start	End	Strand	Family	<i>tss</i>
2L	14520033	14520132	-	mir-9a	76.3252673
3R	43321350	43321449	+	mir-184	74.3066846
3R	39075236	39075335	+	mir-305	73.7773088
2R	61507569	61507668	-	mir-10	73.2182066
3L	38263610	38263709	+	mir-8	70.0604734
2L	16793184	16793283	-	mir-281-1	68.0916726
3R	5888292	5888391	-	mir-79	67.9492243
2L	7784788	7784887	-	mir-7	66.2212666
3R	25238277	25238376	+	mir-14	65.5519384
3R	29342223	29342322	+	mir-124	64.5285348
2R	62093350	62093449	+	mir-iab-4	63.8472122
2L	37187847	37187946	-	mir-2a-1	63.4853841
3R	10569156	10569255	-	mir-1	63.1079537
3R	12735722	12735821	+	mir-263a	62.4587046
2L	18422502	18422601	+	mir-276a	61.9319511
UNKN	38319752	38319851	-	mir-210	61.6007954
3L	40220468	40220567	-	mir-308	61.0222285
3L	33433184	33433283	-	mir-278	60.5668869
3R	5887782	5887881	-	mir-9b	59.3425954
2R	33703151	33703250	+	mir-315	58.8254224
UNKN	28635736	28635835	+	mir-315	58.8254224
2R	28234512	28234611	-	mir-277	56.4092141
2R	33274509	33274608	+	bantam	54.8175017
UNKN	35238364	35238463	+	bantam	54.8175017
2R	28251990	28252089	-	mir-317	54.6277107
2L	46186530	46186629	-	mir-190	54.2593348
2L	16926911	16927010	-	mir-282	53.9943395
2L	18352290	18352389	+	mir-276a	53.9570366
2L	21270426	21270525	-	mir-219	53.7011431
X	1255988	1256087	-	mir-33	52.7885944
3R	5891158	5891257	-	mir-9c	52.360706
2R	28232654	28232753	-	mir-34	52.264606
3R	39066341	39066440	+	mir-275	52.1435392
2R	39601195	39601294	-	mir-283	51.9605968
2L	10470179	10470278	+	mir-137	50.9292509
2L	37188319	37188418	-	mir-13b-1	50.6469129
3R	10274670	10274769	-	mir-100	50.5198576
2R	41126807	41126906	+	mir-92b	49.5090203

UNKN	55772344	55772443	-	mir-92b	49.5090203
2R	41107304	41107403	+	mir-312	49.2690961
UNKN	55786915	55787014	-	mir-312	49.2690961
2L	3018776	3018875	-	mir-3	48.6633792
3R	10270703	10270802	-	let-7	47.8808563
3R	10270151	10270250	-	mir-125	47.8046918
2L	37189447	37189546	-	mir-13a	47.4805258
3L	38563210	38563309	+	mir-29b-1	45.8769844
3L	33858509	33858608	+	mir-307	44.9422774
2R	57369142	57369241	-	mir-279	44.6465021
3R	43697691	43697790	-	mir-318	44.345155
3R	24503685	24503784	-	mir-297	43.8603781
2L	17215201	17215300	+	mir-263b	42.921519
2L	37188159	37188258	-	mir-2b-2	42.4408402
3R	14066155	14066254	+	mir-220	40.2294406
X	14375893	14375992	+	mir-31	38.636223
2R	41058925	41059024	+	mir-297-2	37.565243
2L	3019368	3019467	-	mir-286	35.9548951
3R	11940282	11940381	-	mir-33	35.9250399
3R	43698395	43698494	-	mir-286	35.5822065
2L	21665503	21665602	+	mir-297	35.0370524