

TABLE S3: Male and female biased miRNAs in L3 larval salivary glands

Male biased

chrom	miRNA	Male S. Gland reads	Female S. Gland reads	M/M+F	F/M+F	Sum Reads	% miRNA
chr2L	dme-mir-275	21773	2588	0.89376	0.10624	24361	2.63097
chr2R	dme-mir-1009	8	2	0.80000	0.20000	10	0.00108
chr2R	dme-mir-278	1275	526	0.70797	0.29203	1801	0.19453
chr2L	dme-mir-133	10	4	0.70588	0.29412	14	0.00147
chr2L	dme-mir-1005	26	11	0.69945	0.30055	37	0.00395
chr3R	dme-mir-252	1330	644	0.67369	0.32631	1974	0.21315

Female biased

chrom	miRNA	Male S. Gland reads	Female S. Gland reads	M/M+F	F/M+F	Sum Reads	% miRNA
chr2L	dme-mir-100	2	10	0.13793	0.86207	12	0.00125
chr3L	dme-mir-282	6635	31936	0.17202	0.82798	38571	4.1657
chr2L	dme-let-7	48	219	0.17978	0.82022	267	0.02884
chr3R	dme-mir-279	514	1492	0.25608	0.74392	2006	0.21661
chr2L	dme-mir-965	210	567	0.26989	0.73011	777	0.08387
chr2R	dme-mir-987	14	36	0.28571	0.71429	50	0.00544
chr2L	dme-mir-305-as	3	7	0.31373	0.68627	10	0.0011
chr3R	dme-mir-92a	3	7	0.31373	0.68627	10	0.0011
chr3L	dme-mir-957	3	7	0.31373	0.68627	10	0.0011
chr2R	dme-mir-307-as	8	17	0.32000	0.68000	25	0.0027
chr3L	dme-mir-276a	1853	3728	0.33200	0.66800	5581	0.60273
chr3L	dme-mir-285	19	38	0.33566	0.66434	57	0.00618

At least 10 normalized reads in the summed normalized reads were required. M: male ; F: female.

A ratio (F/M+F) >=0.66 is female biased in salivary glands (S. glands). A ratio(M/M+F) >=0.66 is male biased.