

TABLE S14: Abundance of miRNAs in *msl3* mutant L3 larvae

	Genotype	Exp.	Average Ct ^a	Corrected amount ^b	Fold Difference (FD) ^c	log2 (FD)	Average log2(FD)	SD ^d	p value ^e
Dspt4	msl3-/msl3+	1	26.1455	48.078	1.000	0.000			
		2	26.1633	47.750	1.000	0.000			
	msl3-/msl3-	1	24.995	74.796					
		2	25.335	65.635					
mir-314	msl3-/msl3+	1	21.1699	35123.558	0.350	-1.514	-1.441	0.104	0.0003
		2	21.2272	33969.861	0.388	-1.367			
	msl3-/msl3-	1	22.213	19128.386					
		2	22.307	18104.321					
mir-981	msl3-/msl3+	1	29.5758	476.005	0.655	-0.609	-0.290	0.452	0.1481
		2	30.2449	359.989	1.021	0.030			
	msl3-/msl3-	1	29.529	485.377					
		2	29.433	505.205					
mir-13b	msl3-/msl3+	1	21.4858	344.693	0.540	-0.889	-0.905	0.022	0.0079
		2	21.5918	325.964	0.528	-0.921			
	msl3-/msl3-	1	21.817	289.481					
		2	22.199	236.640					
mir-100	msl3-/msl3+	1	26.8667	291.331	0.208	-2.262	-2.062	0.284	0.0032
		2	27.1654	255.822	0.275	-1.861			
	msl3-/msl3-	1	29.455	94.471					
		2	29.398	96.819					
mir-1013	msl3-/msl3+	1	29.240	142.324	0.573	-0.803	-0.610	0.273	0.0861
		2	28.286	126.568	0.749	-0.417			
	msl3-/msl3-	1	29.365	126.899					
		2	29.391	130.301					
U6	msl3-/msl3+	1	17.259	307.518	0.601	-0.734	-1.024	0.410	0.0125
		2	17.538	512.989	0.402	-1.314			
	msl3-/msl3-	1	17.532	287.625					
		2	17.469	283.612					

a-e as in Table S11.