

**TABLE S16:** Abundance of miRNAs in *mle* mutant L3 larvae

	Genotype	Exp.	Average Ct <sup>a</sup>	Corrected amount <sup>b</sup>	Fold Difference (FD) <sup>c</sup>	log2 (FD)	Average log2(FD)	SD <sup>d</sup>	p value <sup>e</sup>
Dspt4	mle-/mle+	1	25.034	81.970	1.000	0.000			
		2	24.991	76.150	1.000	0.000			
	mle-/mle-	1	25.047	81.265					
		2	24.697	90.724					
mir-283	mle-/mle+	1	26.352	48.723	0.807	-0.309	-0.165	0.204	0.2143
		2	26.170	46.630	0.986	-0.021			
	mle-/mle-	1	26.717	38.996					
		2	25.887	54.769					
mir-304	mle-/mle+	1	33.859	16.253	1.264	0.338	0.117	0.313	0.2913
		2	33.412	15.797	0.930	-0.104			
	mle-/mle-	1	33.445	20.368					
		2	33.277	17.510					
mir-12	mle-/mle+	1	24.132	19.072	0.892	-0.165	-0.164	0.002	0.0126
		2	24.135	18.169	0.894	-0.162			
	mle-/mle-	1	24.311	16.868					
		2	24.037	19.341					
mir-979	mle-/mle+	1	32.007	1533.669	1.972	0.980	0.550	0.607	0.3187
		2	31.470	404.038	1.088	0.121			
	mle-/mle-	1	30.972	2998.693					
		2	30.760	523.538					
mir-210	mle-/mle+	1	26.990	1098.538	1.579	0.659	0.484	0.247	0.3002
		2	26.722	2357.685	1.239	0.309			
	mle-/mle-	1	26.467	1719.262					
		2	26.347	3479.985					
U6	mle-/mle+	1	16.909	227.810	1.506	0.591	0.559	0.046	0.3274
		2	16.978	208.576	1.440	0.526			
	mle-/mle-	1	16.296	340.231					
		2	16.160	357.836					

a-e as in Table S11.