

Supplementary Table 5. miRNAs that are highly and specifically expressed in hepatocytes.

miRNA ID	Ct		Δ Ct		$2^{-\Delta$ Ct		Ct		Δ Ct		$2^{-\Delta$ Ct		Ave. $2^{-\Delta$ Ct		Fold Change
	WT1	WT2	WT1	WT2	WT1	WT2	DKO1	DKO2	DKO1	DKO2	DKO1	DKO2	WT	DKO	DKO/WT
mmu-miR-21	25.504	23.928	8.516	6.348	0.00273167	0.0122761	33.838	26.752	17.688	11.300	4.7357E-06	0.00039661	0.007503905	0.000200672	0.026742
mmu-miR-122	22.365	21.345	5.377	3.765	0.02406367	0.0735567	26.180	24.536	10.030	9.084	0.00095646	0.00184265	0.048810186	0.001399559	0.028674
mmu-miR-192	23.378	22.054	6.390	4.474	0.0119239	0.0449978	26.303	24.690	10.153	9.238	0.0008783	0.00165609	0.028460862	0.001267196	0.044524
mmu-miR-30c	23.793	22.661	6.805	5.081	0.00894316	0.0295438	26.099	25.122	9.949	9.670	0.0010117	0.00122755	0.019243496	0.001119627	0.058182
hsa-miR-30a-3p	23.769	24.231	6.781	6.651	0.00909318	0.0099506	25.672	26.853	9.522	11.401	0.00136017	0.00036979	0.00952189	0.000864979	0.090841
mmu-miR-19b	24.509	22.691	7.521	5.111	0.00544444	0.0289358	27.076	24.557	10.926	9.105	0.00051398	0.00181603	0.017190126	0.001165003	0.067772
mmu-miR-30b	24.212	23.308	7.224	5.728	0.00668897	0.0188669	26.802	25.150	10.652	9.698	0.00062148	0.00120396	0.012777924	0.00091272	0.071429
mmu-let-7g	26.364	25.287	9.376	7.707	0.00150502	0.0047859	28.757	27.006	12.607	11.554	0.00016029	0.00033258	0.00314545	0.000246438	0.078347
mmu-miR-30e	25.973	24.847	8.985	7.267	0.00197354	0.0064925	27.878	27.017	11.728	11.565	0.0002948	0.00033006	0.004233042	0.000312426	0.073806
mmu-miR-29a	24.430	22.458	7.442	4.878	0.00575088	0.0340076	26.324	24.590	10.174	9.138	0.00086561	0.00177496	0.019879228	0.001320282	0.066415
mmu-miR-26b	26.134	24.538	9.146	6.958	0.00176514	0.0080433	28.187	26.264	12.037	10.812	0.00023796	0.00055624	0.004904211	0.0003971	0.080971
mmu-miR-26a	25.490	23.226	8.502	5.646	0.00275831	0.0199703	27.288	24.873	11.138	9.421	0.00044374	0.0014588	0.011364307	0.000951271	0.083707
mmu-miR-17	25.260	24.397	8.272	6.817	0.00323504	0.0088691	26.815	25.722	10.665	10.270	0.00061591	0.00080988	0.006052062	0.000712895	0.117794
mmu-miR-106a	26.483	25.696	9.495	8.116	0.00138586	0.0036045	27.867	27.027	11.717	11.575	0.00029705	0.00032778	0.002495164	0.000312414	0.125208
mmu-miR-484	25.192	25.251	8.204	7.671	0.00339117	0.0049068	26.622	26.389	10.472	10.937	0.00070407	0.00051008	0.004148991	0.000607072	0.146318
mmu-miR-125b-5p	27.341	26.233	10.353	8.653	0.0007646	0.0024842	28.758	27.099	12.608	11.647	0.00016018	0.00031182	0.001624405	0.000236001	0.145285
mmu-miR-191	23.274	23.119	6.286	5.539	0.0128152	0.0215078	24.210	24.156	8.060	8.704	0.00374713	0.00239792	0.017161476	0.003072524	0.179036
mmu-miR-24	23.695	22.427	6.707	4.847	0.00957176	0.0347462	24.886	22.981	8.736	7.529	0.00234532	0.00541433	0.022158993	0.003879826	0.17509
mmu-miR-16	22.631	22.048	5.643	4.468	0.02001187	0.0451854	23.136	22.835	6.986	7.383	0.00788868	0.00599095	0.03259862	0.006939818	0.212887
mmu-miR-2134	16.977	18.260	-0.011	0.680	1.00765426	0.6241652	17.246	18.971	1.096	3.519	0.46781165	0.08723188	0.815909718	0.277521769	0.340138
mmu-miR-2146	20.563	21.864	3.575	4.284	0.0839108	0.0513319	21.240	22.102	5.090	6.650	0.02936009	0.00995751	0.067621352	0.0196588	0.290719
mmu-miR-142-3p	28.469	27.431	11.481	9.851	0.00034984	0.0010828	29.132	27.100	12.982	11.648	0.0001236	0.0003116	0.000716329	0.000217603	0.303776
mmu-miR-126-3p	21.265	20.774	4.277	3.194	0.05158161	0.1092723	21.934	20.262	5.784	4.810	0.01814857	0.03564889	0.080426962	0.026898731	0.334449
mmu-miR-139-5p	27.021	26.326	10.033	8.746	0.00095448	0.0023291	27.314	26.078	11.164	10.626	0.00043581	0.00063278	0.001641798	0.000534299	0.325435

mmu-miR-1937b	18.374	18.697	1.386	1.117	0.38262405	0.4610514	18.818	18.287	2.668	2.835	0.15734456	0.1401457	0.421837722	0.148745128	0.352612
mmu-miR-145	27.880	25.955	10.892	8.375	0.00052624	0.0030121	28.442	25.423	12.292	9.971	0.00019941	0.00099639	0.001769184	0.000597899	0.337952
mmu-miR-486	26.424	26.279	9.436	8.699	0.00144371	0.0024062	26.161	26.332	10.011	10.880	0.00096915	0.00053063	0.00192498	0.000749889	0.389557
mmu-miR-126-5p	25.840	24.903	8.852	7.323	0.00216413	0.0062454	26.368	24.118	10.218	8.666	0.00083961	0.00246192	0.004204742	0.001650763	0.392596
mmu-miR-805	23.583	24.462	6.595	6.882	0.01034444	0.0084784	23.665	23.949	7.515	8.497	0.00546713	0.00276789	0.009411399	0.004117508	0.437502
mmu-miR-146a	25.255	24.807	8.267	7.227	0.00324627	0.0066751	25.608	24.004	9.458	8.552	0.00142186	0.00266435	0.004960677	0.002043108	0.411861
mmu-miR-1937c	21.345	21.400	4.357	3.820	0.04879918	0.0708053	21.443	20.826	5.293	5.374	0.02550633	0.02411375	0.05980222	0.02481004	0.414868
mmu-miR-721	22.005	24.120	5.017	6.540	0.03088394	0.0107464	23.009	22.368	6.859	6.916	0.0086146	0.00828088	0.020815179	0.00844774	0.405845
mmu-miR-223	27.620	26.374	10.632	8.794	0.00063016	0.0022529	27.790	25.456	11.640	10.004	0.00031334	0.00097386	0.001441529	0.000643598	0.446469
mmu-miR-150	27.367	27.284	10.379	9.704	0.00075095	0.001199	27.315	26.413	11.165	10.961	0.00043551	0.00050166	0.000974954	0.000468586	0.480624