miRNA	Δ/flox, AF3	Δ/flox, AF5	Δ/flox, AF3	Δ/Δ1, AF3	Δ/Δ1, AF5	Δ/Δ2, AF3	Δ/Δ2, AF5
let7a-1		1.0567	1.1140	0.9804	0.7950	1.3557	0.5581
let7b		1.0494	1.3609	0.9650	0.6634	1.2143	0.6006
let7e	1.3765	1.2991	2.0792	0.8455	0.6671	0.6149	0.3272
miR101-1	0.8775	0.7350	1.5798	0.0176	0.0139	0.0408	0.0129
miR103-1	0.8574	1.0374	1.0046	0.0075	0.0094	0.0083	0.0074
miR106a	1.0217	1.0741	0.9124	0.0033	0.0044	0.0060	0.0040
miR106b	1.1378	1.1562	1.0242	0.0583	0.0286	0.0678	0.0692
miR107	0.9203	1.0197	1.0064	0.0068	0.0094	0.0102	0.0111
miR124a-1	0.7483	1.0058	1.1574	0.0074	0.0094	0.0273	0.0163
miR125a		1.8764	0.8615	0.0242	0.0307	0.0276	0.0123
miR126*	1.1752	1.2308	0.7070	1.9278	1.7147	2.7966	2.0404
miR127	0.7146	0.8739	1.1250	0.0052	0.0083	0.0086	0.0030
miR128a		0.8415	0.8181	0.0233	0.0117	0.0456	0.0032
miR130a	0.8889	1.0204	0.9173	0.0039	0.0064	0.0080	0.0046
miR130b	0.8787	1.0832	1.0455	0.0149	0.0167	0.0292	0.0164
miR134	0.5902	0.7796	0.7545	0.0197	0.0273	0.0565	0.0257
miR141	0.5678	0.7736	1.1174	0.0164	0.0134	0.1124	0.0989
miR148a		1.2263		-0.0153	0.0178	0.0613	0.0494
miR149		1.3728		0.0101	0.0433	0.0993	0.0903
miR150		1.4201	1.6969	0.0140	0.0113	0.0459	0.0152
miR15a	0.9415	0.8731	0.9469	0.0111	0.0193	0.0353	0.0154
miR15b	1.7738	1.2503	0.9490	0.0037	0.0055	0.0124	0.0032
miR16-1	1.0681	0.9752	1.1325	0.0043	0.0064	0.0119	0.0049
miR17-3p	0.9390	1.0333	0.9764	0.0044	0.0064	0.0217	0.0022
miR17-5p	1.2117	0.8135	1.0388	0.0029	0.0061	0.0061	0.0037
miR18	1.0268	1.0554	1.2685	0.0067	0.0034	0.0152	0.0180
miR181b-1		1.2610		0.0258	0.0168	0.0327	0.0297
miR182	0.6328	1.0255	0.7421	0.0063	0.0050	0.0106	0.0040
miR183	0.7438	0.8572	0.8400	0.0060	0.0053	0.0089	0.0065
miR191	1.0554	1.0196	1.1186	0.0515	0.0669	0.0916	0.0608
miR195	0.9926	0.9975	0.7826	0.0065	0.0090	0.0193	0.0053
miR19a	0.8233	1.3617	1.0604	0.0065	0.0049	0.0093	0.0291
miR20	0.7607	1.1058	1.0642	0.0026	0.0039	0.0063	0.0119
miR200b	0.5611	1.0333		0.0000	0.0079	0.0198	0.0406
miR21	0.7583	0.8406	1.4026	0.0214	0.0338	0.0114	0.0065
miR210	0.7708	0.8119	1.4347	0.0314	0.0246	0.0470	0.0307
miR22	0.5662	0.6970	1.2661	0.0308	0.0380	0.0152	-0.0006
miR23a	0.9126	2.8565	0.3981	0.0131	0.0308	0.0106	0.0065
miR23b	0.8805	1.4936	0.6026	0.0180	0.0366	0.0073	0.0056
miR24-1	1.2190	1.0174	1.2750	0.0347	0.0443	0.0253	0.0163
miR25	1.0530	1.0288	0.6735	0.0112	0.0104	0.0146	0.0158
miR26a-1	1.0287	1.0584	1.6180	0.0316	0.0210	0.0228	0.0132
miR27a	1.7107	1.0470	1.1171	0.0298	0.0248	0.0401	0.0056
miR28			0.8176	0.0230	0.0211	0.0651	0.0157
miR290	0.7063	0.7572	1.0121	0.0033	0.0365	0.0062	0.0086
miR291-3p	0.8711	0.7593	1.1331	0.0026	0.0049	0.0054	0.0033
miR291-5p	0.7331	0.7471	1.1023	0.0062	0.0110	0.0136	0.0126
miR292-3p	0.8267	0.7572	1.0629	0.0036	0.0105	0.0079	0.0046
miR292-5p	0.7892	0.7975	1.0586	0.0029	0.0078	0.0059	0.0043
miR293	0.7520	0.7572	1.0881	0.0026	0.0077	0.0055	0.0041
miR294	0.8509	0.8274	1.7982	0.0039	0.0105	0.0078	0.0059
miR295	0.8178	0.8021	0.9897	0.0028	0.0060	0.0053	0.0036
miR296	0.9191		1.2733	0.0491	0.0555	0.2308	0.1022
miR297-1	1.1101		1.2661	0.0072	0.0045	0.0308	0.0065
miR298	0.7802	0.8799	1.0582	0.0176	0.0255	0.0690	0.0374
miR299		0.8156	0.6208	0.0279	0.0191	0.0484	0.0094
miR300	0.7217	0.6037	0.8375	0.0084	0.0068	0.0184	0.0120
miR301	1.1936	0.6136	1.2120	0.0096	0.0100	0.0179	0.0128
miR302a			5.4510	0.0119	0.0125	0.0397	0.0243
miR30a-5p	1.1856	1.1815	1.3019	0.0128	0.0138	0.0170	0.0172
miR30b		1.1422	1.1115	0.0115	0.0078	0.0246	0.0023
miR31	0.7699	0.7951	1.2259	0.1000	0.1109	0.1114	0.1172
miR320	0.9936	1.2637	1.1913	2.5940	2.4569	3.0853	2.8822
miR323	1.1690	0.7617	0.7385	0.1344	0.1006	0.1909	0.1237
miR329	0.5864	0.9357	0.6730	0.0078	0.0143	0.0087	0.0060

Supplementary Table 1. Continued							
miR335	1.3747	1.1121	1.1616	0.1105	0.0597	0.0829	0.0402
miR337	0.9250	0.8398		0.0115	0.0058	0.0153	0.0065
miR341	0.4933	0.5078	0.3325	0.0967	0.4217	0.0819	0.1161
miR342		1.2445	1.1767	0.0415	0.0061	0.0316	0.0078
miR350		1.5107		0.0111	0.0097	0.0241	0.0036
miR361	1.1965	0.9139		0.0577	0.0488	0.1430	0.0351
miR370	0.9156	0.8108	0.7846	0.0161	0.0210	0.0836	0.1030
miR371	0.4892	0.6978	1.3345	0.0062	0.0075	0.0452	0.0139
miR373*				0.0192	0.0561	0.0677	0.0336
miR376a	0.4715	0.5632	1.3897	0.0057	0.0088	0.0120	0.0007
miR376b	1.3450	0.8079	1.5489	0.0070	0.0042	0.0124	0.0051
miR380		0.9783		0.0196	0.0118	0.0330	0.0246
miR381	0.4567	0.8985	0.4688	0.0093	0.0142	0.0171	0.0158
miR382	0.7656	0.7241	0.8918	0.0169	0.0175	0.0420	0.0229
miR409	0.7200	0.8383	0.6778	0.0086	0.0068	0.0102	0.0054
miR410	0.7044	0.7831	1.1479	0.0245	0.0210	0.0207	0.0136
miR411		0.6402	1.3791	0.0129	0.0050	0.0120	0.0020
miR423	1.1198	0.9509	0.9275	0.1177	0.2263	0.1984	0.1783
miR7-1	0.9374	1.0795	0.7295	0.0280	0.0071	0.0365	0.0128
miR92-1	1.0881	1.0992	0.9741	0.0035	0.0055	0.0071	0.0045
miR93	1.2800	0.9109	1.2233	0.0058	0.0048	0.0158	0.0107
miR96	1.0215	1.0481	1.0207	0.0262	0.0215	0.0357	0.0233
miR99a	0.7827	0.9020	1.1350	1.0043	0.9963	0.9945	0.8061
miR99b	0.9485	1.0256	0.9978	1.0235	0.8326	0.8450	0.6858

Supplementary Table 1. Ratios of miRNA expression for Δ/flox and Δ/Δ relative to wild-type. Shown are ratios of 89 miRNAs that are depicted in **Fig. 3c, d**. Microarrays for microRNAs from Δ/flox cell line and two independent Δ/Δ cell lines were performed. Arrays were done in duplicate or triplicate as indicated. AF3 and AF5 indicate dyes that were used to label Δ/flox or Δ/Δ RNA samples. In each experiment, RNA samples from wild-type cells were labeled with reverse dye and co-hybridized to the same microarray.