

Supplementary Figures and Tables

Dissecting the Roles of microRNAs in Coronary Heart Disease via Integrative Genomics Analyses

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Supplementary Table I: Clinical Characteristics Summary of the 186 Coronary Heart Disease Case-control Pairs

	CHD Cases N=186	CHD Controls N=186
Age (yr)	70.8±7.9	70.8±8.0
Sex, male (female)	139 (47)	139 (47)
Hypertension, n (%)	158 (85)	130 (70)
Diabetes, n (%)	49 (26)	30 (16)
BMI (kg/m²)	28.8±4.7	28.7±4.8
Systolic BP (mm Hg)	128 ±19	129±16
Diastolic BP (mm Hg)	69±10	73±10
Total cholesterol (mg/dl)	151±33	173±31
Triglycerides (mg/dl)	126±86	117±71
HDL cholesterol (mg/dl)	48±14	53±15
Glucose	115±34	110±21
Lipid treatment, n (%)	175 (94)	125 (67)
Anti-hypertensive treatment, n (%)	142 (76)	103 (55)
Diabetes treatment, n (%)	38 (20)	31 (17)
Current cigarette smoking, n (%)	2 (1)	15 (8)

Supplementary Table II: The correlations between miRNA expression levels and cell counts proportion.

miRNA	pval_WBC	pval_RBC	pval_PLT	pval_LY	pval_MO	pval_EO	pval_BA
let_7a_5p	1.8E-01	3.3E-01	2.4E-01	8.8E-01	8.1E-01	7.1E-01	5.1E-01
let_7b_5p	4.8E-03	3.6E-01	5.4E-01	1.7E-03	8.1E-01	1.4E-01	6.5E-01
let_7c	9.7E-04	1.8E-01	4.7E-01	1.4E-02	4.1E-01	8.6E-02	3.6E-01
let_7d_3p	5.4E-03	5.1E-02	9.8E-01	9.8E-01	6.0E-01	8.9E-01	3.5E-02
let_7d_5p	1.1E-01	3.4E-01	2.3E-01	3.1E-01	8.0E-01	2.4E-02	1.7E-01
let_7e_5p	6.3E-01	1.9E-01	1.3E-01	9.2E-01	8.2E-01	2.6E-03	2.2E-01
let_7g_3p	1.7E-01	5.8E-01	5.1E-01	6.6E-02	9.9E-01	8.2E-01	7.2E-01
let_7g_5p	9.0E-01	5.7E-01	6.0E-01	8.3E-01	6.6E-01	1.0E-02	6.5E-01
miR_100_5p	8.1E-01	5.1E-02	1.6E-01	7.5E-01	1.5E-01	6.6E-01	8.9E-01
miR_103a_3p	9.6E-02	2.7E-01	3.3E-01	2.0E-01	6.2E-01	3.0E-02	4.0E-02
miR_106a_5p	3.7E-02	5.2E-01	4.2E-01	7.9E-01	7.7E-01	6.3E-02	2.6E-01
miR_106b_3p	4.3E-01	5.5E-01	1.2E-02	1.9E-01	1.0E-01	7.2E-02	2.4E-01
miR_106b_5p	7.6E-01	9.1E-01	6.4E-01	5.0E-01	9.6E-01	1.5E-01	2.4E-01
miR_107	3.7E-01	6.9E-01	5.0E-01	5.4E-01	4.0E-02	2.7E-01	7.5E-02
miR_10a_5p	2.8E-01	6.8E-01	7.5E-07	2.1E-01	2.3E-01	4.5E-01	3.1E-01
miR_1178	8.2E-01	8.5E-01	5.8E-01	2.7E-01	4.1E-01	1.0E-01	3.4E-01
miR_1180	1.2E-01	3.7E-01	3.2E-01	7.4E-03	3.7E-01	3.4E-01	1.4E-02
miR_1201	6.2E-03	5.3E-01	3.8E-01	3.5E-03	8.2E-01	5.6E-02	1.3E-01
miR_1227	4.9E-02	3.4E-01	3.3E-02	1.2E-01	1.5E-01	1.8E-01	3.2E-01
miR_1236	7.5E-01	7.7E-01	6.3E-01	5.2E-01	9.4E-01	5.2E-01	8.1E-01
miR_1244	7.0E-01	5.8E-01	7.7E-01	3.2E-01	9.3E-01	4.1E-01	4.5E-01
miR_1248	3.9E-02	5.9E-01	9.8E-01	7.7E-03	9.2E-01	3.7E-01	9.0E-01
miR_1249	1.1E-01	4.8E-02	3.0E-01	4.1E-02	8.6E-01	7.3E-01	5.9E-01
miR_1254	5.4E-01	9.0E-01	5.4E-01	3.7E-01	6.3E-01	1.8E-01	9.1E-01
miR_1255b_5p	7.8E-01	2.9E-01	6.0E-01	8.0E-01	8.7E-01	4.2E-01	8.7E-01
miR_125a_5p	2.1E-02	5.2E-01	5.0E-03	3.8E-02	2.0E-01	8.9E-02	2.5E-01
miR_125b_5p	6.3E-01	1.6E-02	2.2E-01	9.5E-01	1.0E+00	5.3E-01	2.4E-01
miR_126_3p	8.7E-01	9.6E-01	6.4E-01	9.4E-01	8.4E-01	2.2E-01	6.5E-01
miR_126_5p	5.9E-01	3.7E-01	5.1E-02	3.4E-01	3.9E-01	9.9E-01	8.1E-01
miR_1260a	1.3E-01	8.8E-01	1.9E-03	4.8E-02	5.5E-01	1.6E-04	4.1E-02
miR_127_3p	1.9E-01	1.5E-01	1.0E-01	2.8E-01	6.8E-01	5.2E-01	6.6E-01
miR_1270	1.4E-01	3.8E-01	1.2E-01	7.6E-02	6.4E-01	1.1E-01	5.3E-01
miR_1275	6.0E-04	4.1E-01	1.9E-01	3.7E-12	5.4E-01	1.2E-01	7.1E-02
miR_1276	7.7E-01	5.6E-01	3.5E-01	9.6E-01	6.9E-01	2.4E-01	6.8E-01
miR_128	7.4E-02	1.7E-01	2.7E-02	5.2E-02	4.8E-01	1.2E-01	9.2E-03
miR_1282	3.2E-01	6.9E-01	1.2E-02	8.5E-01	4.3E-01	8.3E-01	4.6E-02
miR_1285_3p	3.0E-01	2.0E-01	8.8E-01	8.9E-01	5.7E-01	3.6E-02	2.1E-01
miR_129_1_3p	6.8E-01	2.9E-02	7.6E-01	3.4E-01	4.7E-01	7.0E-01	8.3E-01

miR_1296	4.7E-01	8.4E-01	7.7E-02	4.2E-03	7.2E-01	7.0E-01	4.2E-01
miR_1303	6.3E-01	9.7E-01	6.9E-02	7.5E-01	3.0E-01	5.9E-01	1.5E-01
miR_130a_3p	8.7E-01	9.8E-01	3.0E-01	3.0E-01	4.7E-01	2.0E-01	1.1E-01
miR_130b_3p	2.3E-01	2.7E-02	2.3E-01	1.8E-01	2.8E-01	4.7E-01	5.5E-01
miR_130b_5p	2.7E-01	4.0E-01	1.2E-01	7.5E-01	7.9E-01	1.4E-01	5.5E-01
miR_132_3p	2.9E-01	4.3E-01	9.8E-03	2.3E-02	7.3E-01	1.8E-01	9.8E-03
miR_133a	8.7E-01	8.8E-03	1.3E-03	4.5E-02	6.8E-01	7.5E-01	5.4E-01
miR_134	3.1E-01	7.4E-01	1.9E-01	8.6E-01	9.9E-01	3.8E-01	2.6E-01
miR_135a_5p	6.6E-01	6.8E-01	4.3E-01	4.0E-01	4.9E-01	4.0E-01	9.7E-01
miR_136_3p	4.4E-01	8.4E-01	2.0E-01	4.4E-01	9.3E-01	7.1E-01	8.3E-01
miR_138_5p	5.0E-01	6.5E-01	5.5E-01	1.1E-01	7.2E-01	1.0E+00	3.8E-01
miR_139_3p	1.2E-01	1.2E-01	3.6E-05	4.6E-01	8.9E-01	7.5E-01	3.2E-01
miR_139_5p	1.1E-01	8.0E-01	1.0E-04	8.3E-01	5.0E-01	5.5E-01	2.5E-01
miR_140_3p	1.9E-01	3.6E-02	4.4E-01	5.7E-01	7.8E-01	2.7E-01	1.0E-01
miR_140_5p	8.8E-01	2.5E-01	9.5E-01	5.5E-01	5.4E-01	6.7E-01	5.2E-02
miR_142_3p	2.2E-03	4.4E-01	8.7E-02	6.2E-01	4.4E-01	4.2E-01	5.4E-02
miR_142_5p	1.3E-01	3.6E-01	5.9E-03	4.8E-03	3.4E-01	4.2E-01	3.1E-01
miR_143_3p	6.9E-01	8.3E-01	6.5E-02	2.2E-01	6.1E-01	4.9E-01	6.4E-02
miR_144_5p	9.4E-02	1.1E-01	5.5E-01	7.4E-01	8.6E-01	4.1E-01	4.2E-01
miR_145_3p	1.6E-01	6.7E-01	9.8E-01	7.3E-01	6.8E-01	9.0E-01	9.2E-01
miR_145_5p	7.4E-02	2.8E-02	2.3E-06	4.2E-04	3.1E-01	1.3E-02	3.9E-03
miR_146a_5p	2.7E-01	3.1E-01	2.8E-03	8.7E-01	6.7E-01	1.5E-02	3.0E-01
miR_146b_3p	1.5E-02	4.3E-03	4.1E-02	9.7E-01	2.1E-01	1.3E-01	5.6E-01
miR_146b_5p	1.2E-03	2.6E-01	1.2E-01	3.4E-01	5.5E-01	1.4E-01	6.3E-01
miR_148a_3p	1.2E-01	6.4E-01	4.8E-01	3.8E-02	8.0E-01	6.9E-01	9.2E-01
miR_148b_3p	5.2E-01	5.0E-01	8.5E-01	2.6E-02	7.1E-01	5.6E-01	6.8E-01
miR_148b_5p	4.0E-02	7.9E-01	7.2E-02	4.7E-01	3.7E-01	2.2E-03	2.9E-04
miR_149_5p	6.2E-01	4.6E-01	1.4E-01	1.6E-02	2.3E-02	4.9E-01	4.0E-01
miR_150_5p	1.2E-04	4.8E-01	3.3E-02	1.7E-08	6.9E-01	3.7E-01	5.8E-01
miR_151a_3p	7.2E-01	6.3E-01	3.5E-01	2.7E-01	9.1E-01	2.9E-01	4.6E-01
miR_151a_5p	4.0E-01	6.8E-01	3.6E-01	4.3E-01	3.1E-01	2.7E-01	1.6E-01
miR_152	6.8E-01	8.0E-03	1.7E-01	2.9E-01	8.8E-01	8.5E-02	2.4E-01
miR_154_5p	7.8E-01	8.1E-01	4.6E-01	6.2E-01	7.4E-01	2.3E-01	7.7E-01
miR_155_5p	3.3E-01	2.6E-01	9.8E-01	5.5E-01	7.6E-01	7.0E-03	4.4E-01
miR_15a_3p	4.9E-01	1.1E-01	7.2E-01	7.2E-01	1.5E-01	5.6E-01	6.8E-01
miR_15b_3p	1.4E-01	1.5E-02	3.8E-02	2.6E-01	6.9E-01	7.7E-02	1.5E-02
miR_15b_5p	8.0E-01	8.7E-01	8.0E-01	6.8E-01	8.7E-01	4.9E-01	6.0E-01
miR_16_1_3p	7.4E-02	3.4E-01	2.3E-01	1.1E-01	1.5E-01	2.1E-01	7.9E-01
miR_16_5p	2.4E-01	9.2E-01	6.0E-01	3.2E-01	4.0E-01	4.0E-01	3.8E-01
miR_17_5p	3.2E-01	3.5E-01	7.8E-01	8.9E-01	9.3E-01	2.4E-01	3.2E-01
miR_181a_2_3p	1.7E-01	6.1E-01	2.9E-03	2.7E-01	2.5E-01	8.0E-02	8.2E-02

miR_181a_5p	5.7E-02	8.2E-01	8.7E-01	1.8E-02	8.8E-01	3.7E-01	4.7E-01
miR_182_5p	7.3E-01	4.5E-01	3.5E-01	5.6E-01	4.5E-01	9.1E-01	3.4E-01
miR_183_3p	8.4E-01	9.5E-01	2.7E-01	8.2E-01	4.5E-01	1.7E-01	5.0E-02
miR_183_5p	9.0E-01	1.8E-02	6.4E-01	2.9E-01	5.5E-01	3.0E-01	2.0E-01
miR_184	4.9E-01	2.9E-02	1.7E-01	4.6E-01	2.6E-01	1.6E-01	5.8E-02
miR_185_5p	7.8E-01	1.7E-02	5.5E-01	7.3E-02	4.0E-01	6.1E-02	9.2E-02
miR_18a_3p	4.1E-01	3.0E-01	2.7E-01	1.9E-01	7.8E-01	6.1E-01	1.0E-01
miR_190a	8.3E-01	1.7E-01	9.9E-01	2.4E-01	2.7E-01	4.1E-02	7.2E-02
miR_191_3p	2.8E-01	8.1E-01	6.5E-02	1.1E-02	3.9E-01	2.6E-01	3.0E-01
miR_191_5p	7.6E-01	7.5E-03	2.1E-02	1.2E-01	6.0E-01	1.9E-01	2.3E-02
miR_192_3p	9.7E-01	2.3E-02	3.5E-01	2.3E-01	3.3E-02	5.3E-01	8.4E-01
miR_192_5p	3.9E-01	1.0E-02	1.3E-01	1.6E-01	5.2E-01	6.1E-01	3.7E-01
miR_193a_5p	5.4E-01	1.4E-01	1.1E-01	5.4E-04	8.5E-01	8.2E-02	8.5E-02
miR_193b_3p	5.1E-05	8.2E-03	2.4E-01	7.7E-03	9.6E-01	8.4E-01	2.6E-01
miR_194_5p	2.3E-01	9.8E-02	1.3E-01	9.2E-01	6.2E-01	8.3E-01	9.3E-01
miR_195_5p	8.8E-01	7.9E-01	8.3E-01	7.4E-01	5.6E-01	2.5E-01	4.3E-03
miR_196b_5p	2.5E-01	7.7E-01	2.0E-01	1.4E-02	1.3E-01	5.6E-01	8.8E-03
miR_197_3p	3.9E-01	5.7E-01	4.9E-04	3.7E-04	8.0E-01	8.3E-02	1.4E-01
miR_199a_3p	7.8E-01	1.1E-01	2.4E-02	2.7E-01	9.5E-01	6.9E-01	7.0E-02
miR_199a_5p	6.8E-01	5.0E-01	3.5E-01	9.8E-01	4.9E-01	1.6E-01	2.8E-01
miR_19a_3p	2.7E-01	5.1E-01	1.0E-02	7.2E-02	8.2E-01	1.2E-01	1.6E-01
miR_19b_1_5p	4.5E-01	2.1E-01	7.3E-01	9.1E-02	2.2E-02	2.1E-01	5.8E-01
miR_19b_3p	1.5E-01	2.1E-01	5.5E-01	8.1E-01	7.9E-01	1.2E-01	1.1E-01
miR_200c_3p	5.3E-01	1.5E-01	2.2E-01	2.6E-01	6.8E-01	4.9E-01	3.4E-01
miR_204_5p	5.5E-01	7.8E-01	3.3E-02	8.5E-01	3.3E-01	1.4E-01	5.0E-01
miR_206	8.2E-01	6.9E-01	9.7E-02	9.8E-01	7.2E-01	9.5E-01	5.8E-01
miR_20a_3p	9.6E-01	8.1E-01	6.5E-01	6.2E-01	3.7E-01	2.1E-01	8.5E-01
miR_20a_5p	2.4E-01	2.5E-01	7.3E-01	8.4E-01	8.8E-01	7.7E-02	5.1E-01
miR_20b_3p	4.0E-01	7.7E-01	9.5E-01	4.3E-01	6.5E-01	6.3E-01	5.2E-01
miR_20b_5p	1.2E-01	8.5E-01	5.6E-01	4.3E-01	8.9E-01	5.1E-02	1.2E-01
miR_210	6.0E-01	3.3E-01	8.6E-01	3.6E-02	9.3E-01	2.1E-01	7.8E-01
miR_211_5p	5.5E-02	1.5E-02	1.4E-01	2.3E-01	6.2E-01	9.4E-01	6.1E-01
miR_212_3p	4.0E-02	1.3E-01	1.2E-02	6.3E-01	7.7E-01	9.4E-01	6.0E-01
miR_213	4.7E-01	2.4E-02	3.9E-02	3.5E-01	4.6E-01	2.9E-01	2.8E-01
miR_216b	3.5E-01	3.0E-01	8.2E-01	2.4E-02	5.9E-02	9.9E-01	2.0E-01
miR_218_5p	2.3E-01	4.9E-02	4.0E-02	6.6E-01	2.4E-01	8.5E-03	1.1E-03
miR_219_1_3p	1.7E-01	7.4E-01	7.6E-01	1.1E-01	2.7E-01	1.4E-01	2.8E-02
miR_22_3p	6.7E-01	9.5E-01	4.8E-01	3.5E-02	5.9E-02	5.2E-03	3.2E-02
miR_22_5p	9.0E-01	6.6E-01	7.9E-02	5.2E-02	3.6E-01	7.6E-01	4.2E-01
miR_221_3p	2.6E-01	6.0E-01	3.9E-04	7.3E-02	8.0E-01	2.4E-01	4.5E-01
miR_222_3p	6.3E-01	2.8E-01	4.5E-02	1.6E-01	9.5E-01	2.0E-01	4.1E-01

miR_223_3p	4.7E-02	6.8E-03	1.3E-02	7.8E-02	9.3E-01	3.7E-01	4.4E-01
miR_223_5p	1.7E-01	2.5E-01	5.9E-01	6.4E-02	3.0E-01	9.5E-03	6.4E-01
miR_224_5p	9.1E-01	9.8E-01	3.9E-02	4.8E-01	9.7E-02	7.1E-01	3.1E-01
miR_23a_5p	6.2E-01	3.4E-01	7.6E-01	1.2E-01	5.6E-01	6.6E-01	8.1E-01
miR_24_2_5p	9.3E-01	9.7E-01	3.7E-01	5.0E-02	1.1E-01	2.1E-01	3.5E-01
miR_24_3p	1.9E-01	6.2E-01	1.0E-01	2.5E-01	9.7E-01	2.1E-02	8.2E-02
miR_25_3p	5.7E-02	5.5E-01	9.7E-01	5.9E-01	4.5E-01	4.7E-01	1.4E-01
miR_25_5p	4.7E-05	5.3E-01	4.3E-02	1.8E-02	3.1E-02	1.4E-01	5.3E-01
miR_26a_1_3p	4.4E-02	4.3E-02	4.8E-01	7.1E-01	4.4E-01	2.1E-01	7.1E-01
miR_26a_5p	1.8E-01	1.4E-01	1.6E-01	4.9E-01	3.4E-01	3.8E-01	2.3E-02
miR_26b_3p	3.7E-06	1.5E-01	9.0E-03	5.1E-01	8.9E-01	9.6E-02	3.3E-01
miR_26b_5p	8.8E-01	3.7E-01	1.5E-02	5.9E-01	3.1E-01	1.4E-01	7.5E-02
miR_27a_3p	1.7E-02	4.9E-01	1.4E-03	8.4E-02	2.3E-01	2.4E-02	4.5E-02
miR_27a_5p	7.3E-01	4.6E-01	5.8E-01	3.3E-02	8.9E-01	3.0E-01	6.7E-01
miR_27b_3p	3.3E-02	7.3E-01	1.4E-01	4.0E-01	1.0E-02	6.2E-01	5.6E-01
miR_28_3p	9.8E-03	8.6E-01	8.7E-05	4.5E-01	9.0E-01	2.4E-02	2.0E-01
miR_28_5p	4.4E-02	1.8E-01	1.3E-01	4.7E-01	6.8E-01	1.2E-01	3.2E-01
miR_296_5p	3.4E-01	2.5E-01	7.0E-01	7.3E-01	4.9E-01	7.2E-01	2.2E-02
miR_29a_3p	1.4E-01	9.7E-01	7.0E-03	7.9E-01	9.2E-01	4.1E-02	2.3E-01
miR_29a_5p	6.7E-01	9.6E-01	2.3E-02	2.0E-01	5.0E-01	7.5E-01	4.7E-01
miR_29b_2_5p	1.1E-01	6.8E-01	6.5E-01	7.6E-02	4.7E-01	3.0E-01	7.9E-01
miR_29c_3p	6.2E-01	2.3E-01	2.1E-01	3.4E-01	7.7E-01	9.0E-02	2.9E-01
miR_29c_5p	1.9E-02	3.7E-01	7.5E-02	3.1E-02	6.2E-01	2.2E-02	1.3E-01
miR_301a_3p	1.4E-02	7.6E-01	7.6E-01	2.3E-01	5.3E-01	1.9E-01	2.3E-01
miR_302c_3p	4.8E-02	1.4E-01	6.0E-01	2.5E-01	3.1E-01	6.7E-01	6.1E-02
miR_30a_3p	3.2E-01	1.6E-01	5.2E-01	5.1E-01	8.1E-02	2.7E-01	8.2E-01
miR_30a_5p	2.7E-01	9.1E-01	5.2E-02	1.3E-01	2.2E-01	3.8E-02	4.1E-02
miR_30b_5p	5.1E-01	1.7E-01	2.1E-01	3.2E-01	6.5E-01	2.0E-01	4.6E-02
miR_30c_5p	2.6E-01	1.3E-01	2.4E-01	4.7E-01	9.9E-01	4.7E-01	6.8E-02
miR_30d_5p	9.7E-01	5.3E-01	1.0E-01	4.4E-01	8.8E-01	2.6E-01	4.5E-02
miR_30e_3p	9.4E-02	9.3E-01	1.8E-02	6.4E-02	3.0E-01	5.3E-02	2.9E-02
miR_31_3p	8.6E-01	2.5E-01	4.1E-02	1.3E-02	5.7E-01	2.6E-01	8.5E-01
miR_31_5p	8.5E-01	1.8E-01	4.9E-03	2.1E-04	2.3E-03	1.8E-01	9.6E-01
miR_320a	8.3E-02	3.4E-01	5.4E-01	1.4E-01	7.9E-01	3.6E-01	3.0E-01
miR_320b	8.0E-01	6.6E-01	2.1E-01	4.2E-01	3.7E-01	5.7E-01	2.5E-01
miR_323a_3p	9.8E-01	1.9E-01	1.5E-02	1.6E-01	1.5E-01	5.7E-01	1.6E-01
miR_324_3p	9.6E-01	2.0E-01	3.1E-01	3.4E-02	9.5E-01	1.7E-01	2.0E-01
miR_324_5p	5.6E-01	3.2E-02	4.6E-01	2.8E-02	8.1E-01	1.3E-01	5.1E-02
miR_328	4.7E-02	4.4E-01	1.7E-03	2.4E-02	4.0E-01	6.8E-01	1.2E-01
miR_329	9.0E-01	5.9E-01	3.3E-01	8.8E-01	9.7E-01	1.1E-01	3.6E-01
miR_330_3p	9.2E-01	1.5E-01	7.9E-03	4.6E-02	9.9E-01	1.9E-01	4.6E-02

miR_331_3p	4.6E-01	3.1E-01	3.3E-02	2.0E-01	6.3E-01	3.2E-01	1.4E-01
miR_331_5p	4.4E-01	3.0E-01	9.6E-03	7.5E-01	6.7E-01	9.1E-01	5.3E-01
miR_335_3p	3.5E-01	2.3E-02	3.3E-01	3.1E-01	6.8E-01	6.0E-01	2.7E-01
miR_335_5p	5.1E-01	6.5E-02	1.1E-01	2.0E-01	2.9E-01	6.7E-01	6.3E-01
miR_337_3p	2.6E-01	4.0E-02	8.4E-01	9.5E-01	1.3E-01	5.1E-01	9.3E-01
miR_339_3p	1.7E-01	1.4E-02	8.3E-01	1.4E-01	7.9E-01	1.2E-01	9.1E-01
miR_339_5p	9.5E-01	5.2E-01	3.5E-01	3.6E-01	7.7E-01	7.1E-01	4.5E-01
miR_340_3p	1.7E-01	8.3E-02	8.3E-02	1.5E-01	5.3E-01	2.9E-01	3.8E-01
miR_340_5p	6.1E-01	5.6E-01	5.4E-01	1.1E-01	7.8E-02	7.4E-01	6.2E-01
miR_342_3p	6.4E-02	4.3E-01	2.4E-03	2.6E-01	7.4E-01	2.9E-01	6.4E-01
miR_345_5p	6.1E-03	2.9E-01	5.6E-02	1.6E-02	1.7E-01	2.3E-01	5.1E-01
miR_34b_3p	1.2E-01	1.7E-02	5.4E-01	4.3E-02	6.1E-02	7.1E-01	1.5E-02
miR_361_5p	8.3E-01	2.2E-01	5.8E-03	5.8E-03	7.5E-01	6.4E-01	7.9E-01
miR_362_5p	7.2E-01	2.3E-01	5.3E-01	1.1E-02	6.8E-01	2.1E-01	5.1E-01
miR_363_3p	5.8E-02	3.7E-01	2.2E-01	7.9E-01	5.0E-01	1.5E-01	9.8E-02
miR_363_5p	1.5E-01	4.6E-01	5.7E-01	8.4E-01	1.8E-01	2.2E-01	4.6E-01
miR_365a_3p	6.0E-01	2.5E-01	7.2E-02	4.1E-04	2.0E-01	5.3E-01	9.8E-01
miR_370	3.0E-01	2.0E-01	1.3E-01	4.5E-01	5.5E-01	7.5E-01	1.2E-02
miR_374a_5p	8.1E-01	2.3E-01	5.9E-01	9.2E-01	9.3E-01	9.7E-01	5.6E-01
miR_374b_5p	5.6E-01	5.1E-01	8.0E-01	9.4E-01	7.3E-01	4.1E-01	8.3E-02
miR_375	2.2E-01	9.0E-01	6.1E-01	9.5E-01	8.0E-01	1.1E-01	2.4E-01
miR_376a_3p	7.0E-03	3.6E-01	9.2E-03	9.8E-01	4.2E-01	9.2E-01	2.0E-01
miR_376c	1.9E-01	2.3E-03	8.3E-01	3.4E-01	9.6E-01	5.4E-01	1.6E-01
miR_378a_3p	9.1E-01	7.0E-01	5.3E-01	4.2E-01	7.2E-01	6.3E-01	1.7E-01
miR_378a_5p	1.7E-01	2.0E-01	7.9E-01	5.9E-02	9.2E-01	4.5E-01	1.4E-02
miR_382_5p	7.6E-01	9.8E-01	4.2E-01	2.6E-01	9.9E-01	8.5E-01	2.5E-03
miR_409_3p	6.2E-01	1.7E-01	1.3E-03	3.3E-01	7.1E-01	1.1E-01	2.5E-01
miR_410	8.3E-01	3.4E-01	4.7E-02	5.1E-01	8.9E-01	7.6E-01	2.5E-01
miR_411_3p	2.2E-02	9.8E-02	8.0E-01	5.1E-01	3.2E-01	9.9E-01	1.6E-01
miR_422a	8.4E-01	2.6E-01	3.7E-01	5.9E-02	5.9E-01	7.6E-01	1.0E-01
miR_423_5p	2.2E-02	1.9E-01	1.4E-01	1.3E-03	5.9E-01	1.8E-01	1.3E-01
miR_424_3p	8.7E-01	9.8E-01	4.6E-01	1.3E-01	5.7E-01	5.7E-01	3.8E-01
miR_425_3p	7.1E-01	1.7E-02	2.0E-02	9.7E-02	5.7E-01	3.2E-02	1.7E-01
miR_431_5p	2.3E-02	3.2E-01	7.4E-01	9.3E-01	1.8E-02	7.1E-01	8.0E-01
miR_432_5p	2.8E-02	3.4E-01	1.6E-01	7.3E-01	9.4E-02	7.4E-01	4.0E-01
miR_433	1.7E-02	1.1E-01	4.8E-01	7.9E-01	1.7E-01	7.9E-01	2.6E-01
miR_451a	4.1E-03	1.2E-01	6.1E-01	3.5E-01	5.3E-01	5.7E-01	4.9E-01
miR_454_3p	8.7E-01	9.1E-01	6.7E-01	6.7E-01	9.2E-01	1.3E-01	7.6E-01
miR_454_5p	5.2E-01	4.8E-01	1.9E-01	4.9E-01	3.6E-01	1.8E-01	5.0E-02
miR_483_3p	5.4E-01	3.6E-01	7.9E-02	6.4E-01	2.6E-01	1.6E-03	5.7E-01
miR_483_5p	8.9E-01	2.3E-01	3.1E-01	4.9E-01	6.9E-01	6.6E-01	9.8E-01

miR_484	2.4E-02	7.3E-01	6.7E-01	2.3E-01	1.0E-01	1.4E-01	1.8E-01
miR_485_3p	5.4E-01	5.4E-01	5.7E-01	4.5E-01	9.6E-01	4.8E-01	4.4E-01
miR_486_3p	7.0E-03	1.9E-01	8.3E-01	1.5E-02	3.9E-01	7.6E-01	8.4E-02
miR_487b	1.2E-01	5.8E-02	4.8E-01	9.9E-01	1.5E-01	3.2E-01	7.6E-01
miR_491_5p	8.2E-01	5.8E-01	3.9E-01	2.2E-01	4.4E-01	8.1E-01	7.4E-01
miR_494	6.5E-02	2.3E-02	3.3E-02	9.0E-01	2.1E-01	4.2E-01	5.7E-01
miR_495	2.0E-02	4.0E-01	6.3E-02	3.9E-01	5.7E-01	2.7E-01	8.5E-01
miR_500a_3p	2.2E-01	4.4E-01	3.7E-01	6.4E-02	1.0E+00	5.7E-01	9.3E-01
miR_500a_5p	6.5E-01	5.6E-02	8.0E-01	1.5E-01	6.9E-01	5.4E-02	7.2E-03
miR_501_3p	5.8E-03	9.0E-02	7.1E-02	1.4E-01	6.7E-01	8.8E-01	1.8E-01
miR_502_3p	8.7E-01	1.3E-01	9.8E-01	3.3E-01	3.0E-01	9.3E-02	1.8E-02
miR_502_5p	6.2E-01	8.6E-01	6.7E-01	3.3E-02	3.9E-01	7.9E-01	5.5E-01
miR_504	1.4E-02	2.5E-01	9.2E-01	1.6E-01	1.9E-03	5.3E-01	1.8E-02
miR_505_3p	9.3E-01	7.6E-01	4.9E-01	1.2E-01	7.5E-01	6.8E-01	6.0E-01
miR_505_5p	4.2E-01	1.8E-01	3.7E-01	9.8E-02	9.9E-01	2.3E-01	5.4E-01
miR_511	9.2E-01	3.1E-02	1.2E-01	6.1E-01	4.7E-01	9.4E-01	1.5E-01
miR_520f	2.0E-01	1.1E-01	5.2E-01	7.9E-01	6.6E-01	4.4E-01	4.2E-01
miR_532_3p	5.5E-01	1.7E-01	2.2E-01	3.5E-01	3.8E-01	9.2E-02	3.1E-02
miR_532_5p	5.3E-01	1.0E-01	8.2E-01	3.5E-01	2.8E-01	4.0E-02	1.1E-01
miR_539_5p	9.4E-01	3.1E-02	2.7E-01	3.7E-01	3.5E-01	5.0E-01	2.3E-02
miR_542_3p	3.3E-01	4.1E-01	2.2E-01	5.2E-01	1.2E-02	7.2E-01	2.3E-02
miR_543	6.4E-03	2.3E-02	1.4E-01	6.1E-01	1.6E-01	9.0E-01	8.8E-01
miR_548d_3p	8.9E-01	4.8E-04	9.8E-02	2.1E-01	1.5E-01	7.7E-01	2.9E-01
miR_550	1.6E-01	1.3E-02	8.2E-01	8.5E-01	3.8E-01	7.1E-02	5.8E-02
miR_574_3p	9.8E-01	7.6E-01	2.2E-02	6.7E-02	8.5E-01	8.2E-01	6.8E-01
miR_576_3p	7.7E-01	7.5E-01	2.0E-01	2.4E-01	1.7E-01	9.4E-01	5.5E-01
miR_581	2.4E-01	2.2E-01	2.4E-01	4.8E-01	6.4E-01	4.6E-01	3.3E-01
miR_584_5p	7.4E-02	7.6E-01	8.8E-01	7.3E-01	7.3E-01	8.3E-01	9.2E-01
miR_589_3p	6.4E-01	4.8E-01	1.1E-01	6.1E-02	6.3E-01	2.1E-01	8.8E-02
miR_589_5p	7.3E-01	9.5E-02	7.5E-01	5.4E-01	6.9E-01	4.3E-01	3.2E-01
miR_590_5p	8.3E-01	1.0E+00	1.3E-01	3.7E-01	4.9E-01	7.4E-01	4.2E-01
miR_598	3.0E-01	1.2E-01	6.6E-01	2.7E-01	7.8E-01	6.5E-01	9.1E-01
miR_601	1.3E-01	6.4E-01	1.5E-01	9.2E-01	8.3E-01	4.9E-01	1.2E-01
miR_616_3p	1.2E-01	5.1E-01	5.7E-01	1.1E-01	5.9E-01	8.9E-01	3.9E-01
miR_616_5p	1.6E-01	3.0E-01	1.0E-01	5.0E-02	2.6E-02	9.1E-02	3.1E-02
miR_624_5p	4.8E-01	5.5E-01	7.5E-01	4.3E-01	5.2E-01	1.4E-01	8.4E-02
miR_625_3p	1.2E-01	7.5E-02	1.4E-02	8.0E-02	5.6E-01	1.5E-01	5.8E-01
miR_625_5p	4.4E-01	1.9E-01	3.6E-01	2.8E-01	4.4E-01	6.3E-01	5.2E-01
miR_628_3p	1.3E-01	6.7E-01	8.1E-01	5.2E-01	6.5E-01	1.9E-01	4.2E-01
miR_629_3p	9.0E-01	1.4E-01	2.2E-03	1.5E-01	2.9E-01	3.7E-02	1.4E-01
miR_629_5p	7.5E-01	1.3E-01	8.8E-01	4.8E-01	2.3E-01	5.2E-02	5.9E-01

miR_636	8.1E-01	4.9E-01	5.4E-01	4.2E-02	6.7E-02	7.5E-01	6.2E-01
miR_642a_5p	2.3E-03	4.5E-01	5.9E-03	4.4E-03	3.0E-01	8.9E-12	5.3E-04
miR_652_3p	5.6E-01	5.9E-01	2.8E-01	6.8E-01	8.8E-01	1.4E-01	6.8E-01
miR_654_5p	4.1E-01	4.1E-01	4.8E-02	4.4E-01	9.0E-01	7.0E-01	6.3E-02
miR_660_5p	6.7E-02	9.4E-02	3.7E-01	5.1E-01	9.5E-02	2.7E-01	6.6E-02
miR_664_3p	7.8E-01	1.9E-01	1.4E-02	3.4E-01	7.9E-01	4.6E-03	1.1E-02
miR_668	7.8E-01	5.4E-01	1.7E-02	4.1E-01	7.3E-01	4.4E-01	3.6E-01
miR_671_3p	6.2E-05	5.0E-01	1.2E-06	2.6E-01	1.6E-01	1.4E-01	6.8E-02
miR_7_1_3p	5.2E-01	2.3E-01	2.3E-01	6.2E-01	8.9E-01	2.6E-01	8.9E-02
miR_7_2_3p	5.4E-01	9.3E-01	5.7E-02	4.0E-01	6.2E-01	9.4E-01	9.8E-01
miR_7_5p	4.0E-01	2.0E-01	5.4E-01	6.4E-02	4.9E-01	5.7E-02	9.2E-01
miR_720	6.2E-02	2.6E-01	7.6E-02	7.1E-02	8.7E-01	1.5E-04	5.5E-02
miR_744_3p	9.6E-01	1.2E-02	8.4E-04	3.9E-02	2.6E-02	1.1E-01	1.2E-01
miR_744_5p	8.0E-01	2.5E-01	2.1E-01	1.0E-02	7.7E-01	9.4E-02	9.0E-02
miR_758	8.0E-02	5.4E-03	5.3E-02	9.8E-01	7.9E-01	5.8E-01	7.1E-01
miR_766_3p	5.7E-01	1.9E-01	5.0E-06	1.8E-01	3.8E-01	3.5E-02	9.9E-03
miR_769_5p	4.9E-01	8.5E-01	4.6E-02	5.1E-03	1.6E-01	5.1E-01	4.8E-01
miR_885_5p	6.9E-01	3.6E-01	1.7E-02	8.6E-01	1.6E-01	5.2E-02	4.0E-02
miR_9_3p	8.1E-01	3.0E-01	2.9E-01	8.1E-01	4.2E-01	3.2E-01	4.2E-01
miR_92a_3p	9.8E-01	8.4E-01	6.5E-01	3.6E-01	9.6E-01	3.9E-01	1.3E-01
miR_93_3p	8.1E-01	1.4E-01	3.3E-02	8.6E-02	2.4E-01	2.8E-02	1.4E-02
miR_93_5p	2.4E-01	5.0E-01	9.9E-01	4.6E-01	8.4E-01	3.6E-02	5.6E-01
miR_939	5.8E-01	5.6E-01	2.3E-02	7.6E-01	4.0E-01	1.0E-01	1.5E-01
miR_941	7.1E-01	6.8E-01	9.4E-01	8.1E-03	9.5E-03	3.1E-01	3.4E-01
miR_942	3.5E-01	8.6E-01	1.8E-02	3.1E-01	8.6E-01	3.4E-01	4.6E-02
miR_943	7.6E-01	1.7E-01	5.2E-01	8.8E-01	7.3E-01	6.4E-01	9.7E-01
miR_99b_3p	5.6E-02	8.1E-01	3.0E-01	7.9E-01	3.3E-01	6.6E-01	1.7E-01
miR_99b_5p	5.3E-02	5.2E-01	1.2E-01	7.6E-01	6.8E-01	6.1E-01	4.4E-01

WBC is white blood cell; RBC is red blood cell; PLT is platelet; LY is lymphocyte; MO is monocyte; EO is eosinophil; and BA is basophil;

The corresponding p value for Benjamini-Hochberg methods corrected FDR=0.05 is 6.0e-4. Highlighted p value is passing FDR<0.05.

Supplementary Table III: *cis*-miR-eSNPs at FDR<5%.

snpID	miRNA-FHS	pValue	Rsquare	CisMark	BH_FDR
rs10892855	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs12223035	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs1450796	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs11218651	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs2084637	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs11218646	miR-100-5p	<1E-16	0.23	cis	<1E-16
rs10892855	miR-125b-5p	<1E-16	0.17	cis	<1E-16
rs12223035	miR-125b-5p	<1E-16	0.17	cis	<1E-16
rs1450796	miR-125b-5p	<1E-16	0.17	cis	<1E-16
rs11218651	miR-125b-5p	<1E-16	0.17	cis	<1E-16
rs2084637	miR-125b-5p	<1E-16	0.17	cis	<1E-16
rs11218646	miR-125b-5p	<1E-16	0.18	cis	<1E-16
rs6062278	miR-133a	1.1E-12	0.13	cis	9.8E-08
rs3934574	miR-133a	1.2E-12	0.13	cis	1.0E-07
rs6062277	miR-133a	1.7E-12	0.12	cis	1.4E-07
rs7110361	miR-100-5p	4.0E-12	0.13	cis	3.0E-07
rs7110230	miR-100-5p	5.6E-12	0.13	cis	3.5E-07
rs4123597	miR-100-5p	5.1E-12	0.13	cis	3.5E-07
rs6061576	miR-133a	5.1E-12	0.12	cis	3.5E-07
rs4935796	miR-100-5p	2.3E-11	0.12	cis	1.1E-06
rs11218648	miR-100-5p	2.3E-11	0.12	cis	1.1E-06
rs7937803	miR-100-5p	2.2E-11	0.12	cis	1.2E-06
rs7938375	miR-100-5p	2.2E-11	0.12	cis	1.2E-06
rs11906462	miR-133a	2.0E-11	0.11	cis	1.2E-06
rs1839544	miR-100-5p	2.2E-11	0.12	cis	1.3E-06
rs6062267	miR-133a	3.0E-11	0.11	cis	1.4E-06
rs4123597	miR-125b-5p	9.3E-11	0.11	cis	4.1E-06
rs7110361	miR-125b-5p	9.7E-11	0.11	cis	4.2E-06
rs7110230	miR-125b-5p	1.2E-10	0.10	cis	5.1E-06
rs11763020	miR-339-5p	1.8E-10	0.10	cis	6.9E-06
rs6951245	miR-339-5p	1.8E-10	0.10	cis	7.0E-06
rs2363286	miR-339-5p	2.2E-10	0.10	cis	8.1E-06
rs1997243	miR-339-5p	2.2E-10	0.10	cis	8.3E-06
rs1133122	miR-339-5p	5.4E-10	0.10	cis	1.9E-05
rs4724725	miR-339-5p	1.6E-09	0.09	cis	5.4E-05
rs9364166	miR-30a-3p	3.0E-09	0.18	cis	7.6E-05
rs9364165	miR-30a-3p	2.9E-09	0.18	cis	7.6E-05
rs1839545	miR-100-5p	2.9E-09	0.09	cis	7.8E-05
rs12701834	miR-339-5p	2.3E-09	0.09	cis	7.8E-05

rs9364167	miR-30a-3p	2.9E-09	0.18	cis	8.0E-05
rs17126624	miR-100-5p	2.9E-09	0.09	cis	8.0E-05
rs4935797	miR-100-5p	2.9E-09	0.09	cis	8.0E-05
rs6589928	miR-100-5p	3.2E-09	0.09	cis	8.1E-05
rs6589923	miR-100-5p	3.3E-09	0.09	cis	8.1E-05
rs1901184	miR-100-5p	2.6E-09	0.10	cis	8.3E-05
rs11218652	miR-100-5p	2.8E-09	0.09	cis	8.3E-05
rs7110089	miR-100-5p	2.8E-09	0.09	cis	8.4E-05
rs7114509	miR-100-5p	2.6E-09	0.10	cis	8.4E-05
rs7124646	miR-100-5p	2.8E-09	0.09	cis	8.5E-05
rs10275401	miR-339-5p	3.9E-09	0.09	cis	9.2E-05
rs9346470	miR-30a-3p	3.9E-09	0.17	cis	9.4E-05
rs9351811	miR-30a-3p	5.4E-09	0.17	cis	1.2E-04
rs763354	miR-30a-3p	7.0E-09	0.17	cis	1.6E-04
rs9671394	miR-127-3p	7.1E-09	0.09	cis	1.6E-04
rs9342836	miR-30a-3p	7.7E-09	0.17	cis	1.6E-04
rs13242526	miR-339-5p	7.6E-09	0.09	cis	1.7E-04
rs7149242	miR-127-3p	9.7E-09	0.08	cis	2.0E-04
rs4073275	miR-133a	2.1E-08	0.08	cis	4.3E-04
rs10951499	miR-339-5p	2.4E-08	0.08	cis	4.8E-04
rs11218648	miR-125b-5p	2.9E-08	0.08	cis	5.5E-04
rs7937803	miR-125b-5p	2.9E-08	0.08	cis	5.5E-04
rs4935796	miR-125b-5p	3.0E-08	0.08	cis	5.6E-04
rs7938375	miR-125b-5p	2.8E-08	0.08	cis	5.6E-04
rs1839544	miR-125b-5p	2.8E-08	0.08	cis	5.6E-04
rs7141210	miR-654-5p	3.6E-08	0.09	cis	6.4E-04
rs6589936	miR-100-5p	3.5E-08	0.08	cis	6.4E-04
rs12882815	miR-654-5p	3.6E-08	0.09	cis	6.5E-04
rs4619692	miR-133a	3.7E-08	0.08	cis	6.5E-04
rs4072474	miR-133a	5.2E-08	0.08	cis	9.0E-04
rs11698727	miR-133a	5.4E-08	0.08	cis	9.3E-04
rs1880296	miR-339-5p	6.5E-08	0.08	cis	1.1E-03
rs4905994	miR-127-3p	6.6E-08	0.08	cis	1.1E-03
rs1880295	miR-339-5p	6.5E-08	0.08	cis	1.1E-03
rs11620937	miR-127-3p	7.2E-08	0.07	cis	1.2E-03
rs7155375	miR-654-5p	8.2E-08	0.08	cis	1.3E-03
rs10262070	miR-339-5p	8.5E-08	0.07	cis	1.3E-03
rs7114509	miR-125b-5p	1.2E-07	0.07	cis	1.9E-03
rs1901184	miR-125b-5p	1.3E-07	0.07	cis	2.0E-03
rs7124646	miR-125b-5p	1.4E-07	0.07	cis	2.1E-03
rs7110089	miR-125b-5p	1.4E-07	0.07	cis	2.1E-03

rs17126624	miR-125b-5p	1.4E-07	0.07	cis	2.1E-03
rs4935797	miR-125b-5p	1.4E-07	0.07	cis	2.1E-03
rs1839545	miR-125b-5p	1.5E-07	0.07	cis	2.1E-03
rs11218652	miR-125b-5p	1.4E-07	0.07	cis	2.1E-03
rs2949173	miR-339-5p	1.7E-07	0.07	cis	2.4E-03
rs6589923	miR-125b-5p	1.8E-07	0.07	cis	2.5E-03
rs6589928	miR-125b-5p	1.8E-07	0.07	cis	2.5E-03
rs7726430	miR-218-5p	1.9E-07	0.07	cis	2.6E-03
rs16880826	miR-30a-3p	2.6E-07	0.14	cis	3.5E-03
rs6973680	miR-339-5p	2.7E-07	0.07	cis	3.6E-03
rs6143056	miR-133a	2.8E-07	0.07	cis	3.7E-03
rs9364164	miR-30a-3p	2.9E-07	0.13	cis	3.7E-03
rs7717597	miR-218-5p	3.5E-07	0.07	cis	4.5E-03
rs6967496	miR-339-5p	3.7E-07	0.07	cis	4.7E-03
rs8012970	miR-654-5p	3.7E-07	0.08	cis	4.7E-03
rs17099614	miR-654-5p	3.7E-07	0.08	cis	4.7E-03
rs10280960	miR-339-5p	3.8E-07	0.07	cis	4.7E-03
rs6462277	miR-339-5p	3.9E-07	0.07	cis	4.8E-03
rs10146962	miR-654-5p	4.7E-07	0.07	cis	5.7E-03
rs2363285	miR-339-5p	4.7E-07	0.07	cis	5.7E-03
rs3813451	miR-133a	5.2E-07	0.07	cis	6.0E-03
rs11606532	miR-100-5p	5.1E-07	0.07	cis	6.0E-03
rs4969526	miR-133a	5.1E-07	0.07	cis	6.0E-03
rs10790519	miR-100-5p	5.5E-07	0.07	cis	6.1E-03
rs10892873	miR-100-5p	5.4E-07	0.07	cis	6.2E-03
rs7117842	miR-100-5p	5.4E-07	0.07	cis	6.2E-03
rs7115089	miR-100-5p	5.4E-07	0.07	cis	6.3E-03
rs7127978	miR-100-5p	5.9E-07	0.07	cis	6.5E-03
rs10750215	miR-100-5p	6.0E-07	0.07	cis	6.6E-03
rs6143050	miR-133a	6.3E-07	0.06	cis	6.9E-03
rs6589936	miR-125b-5p	6.5E-07	0.06	cis	7.1E-03
rs1562821	miR-100-5p	7.7E-07	0.07	cis	8.3E-03
rs10502250	miR-100-5p	7.9E-07	0.07	cis	8.4E-03
rs13242526	miR-339-3p	8.2E-07	0.06	cis	8.6E-03
rs10892861	miR-100-5p	8.7E-07	0.07	cis	9.1E-03
rs12882815	miR-370	1.2E-06	0.07	cis	0.01
rs7141210	miR-370	1.2E-06	0.07	cis	0.01
rs7941030	miR-100-5p	1.2E-06	0.06	cis	0.01
rs10280960	miR-339-3p	1.3E-06	0.06	cis	0.01
rs12882815	miR-127-3p	1.4E-06	0.06	cis	0.01
rs7141210	miR-127-3p	1.4E-06	0.06	cis	0.01

rs7155375	miR-370	1.5E-06	0.06	cis	0.01
rs7349905	miR-30a-3p	1.6E-06	0.12	cis	0.02
rs17099614	miR-127-3p	1.7E-06	0.06	cis	0.02
rs7155375	miR-127-3p	1.7E-06	0.06	cis	0.02
rs8012970	miR-127-3p	1.7E-06	0.06	cis	0.02
rs10790517	miR-100-5p	1.8E-06	0.06	cis	0.02
rs6589938	miR-100-5p	1.8E-06	0.06	cis	0.02
rs6589939	miR-100-5p	1.8E-06	0.06	cis	0.02
rs7149242	miR-370	1.8E-06	0.06	cis	0.02
rs10750216	miR-100-5p	1.8E-06	0.06	cis	0.02
rs10146962	miR-127-3p	1.9E-06	0.06	cis	0.02
rs11218725	miR-100-5p	1.9E-06	0.06	cis	0.02
rs7952141	miR-100-5p	1.9E-06	0.06	cis	0.02
rs7123220	miR-100-5p	1.9E-06	0.06	cis	0.02
rs7809667	miR-339-5p	2.0E-06	0.06	cis	0.02
rs9671394	miR-370	2.1E-06	0.06	cis	0.02
rs11218700	miR-100-5p	2.2E-06	0.06	cis	0.02
rs7941064	miR-100-5p	2.2E-06	0.06	cis	0.02
rs2370756	miR-100-5p	2.7E-06	0.06	cis	0.02
rs6089232	miR-133a	3.0E-06	0.06	cis	0.03
rs2427560	miR-941	3.2E-06	0.07	cis	0.03
rs2427560	miR-941	3.2E-06	0.07	cis	0.03
rs2427560	miR-941	3.2E-06	0.07	cis	0.03
rs2427565	miR-941	3.1E-06	0.07	cis	0.03
rs2427565	miR-941	3.1E-06	0.07	cis	0.03
rs2427565	miR-941	3.1E-06	0.07	cis	0.03
rs4809247	miR-941	3.5E-06	0.07	cis	0.03
rs4809247	miR-941	3.5E-06	0.07	cis	0.03
rs4809247	miR-941	3.5E-06	0.07	cis	0.03
rs567490	miR-204-5p	3.4E-06	0.13	cis	0.03
rs10750215	miR-125b-5p	3.4E-06	0.06	cis	0.03
rs12421957	miR-125b-5p	3.5E-06	0.06	cis	0.03
rs6122211	miR-941	3.4E-06	0.07	cis	0.03
rs6122211	miR-941	3.4E-06	0.07	cis	0.03
rs6122211	miR-941	3.4E-06	0.07	cis	0.03
rs9346471	miR-30a-3p	3.7E-06	0.11	cis	0.03
rs11606532	miR-125b-5p	4.0E-06	0.06	cis	0.03
rs7127978	miR-125b-5p	4.0E-06	0.06	cis	0.03
rs10790519	miR-125b-5p	4.3E-06	0.05	cis	0.03
rs10892873	miR-125b-5p	4.2E-06	0.05	cis	0.03
rs7117842	miR-125b-5p	4.2E-06	0.05	cis	0.03

rs7115089	miR-125b-5p	4.2E-06	0.05	cis	0.03
rs11218700	miR-125b-5p	4.6E-06	0.05	cis	0.03
rs13036466	miR-133a	4.6E-06	0.05	cis	0.03
rs7941064	miR-125b-5p	4.6E-06	0.05	cis	0.03
rs2949171	miR-339-5p	4.8E-06	0.05	cis	0.03
rs10892871	miR-125b-5p	5.3E-06	0.05	cis	0.04
rs2092530	miR-30a-3p	5.8E-06	0.11	cis	0.04
rs4077179	miR-133a	6.0E-06	0.05	cis	0.04
rs7941030	miR-125b-5p	6.3E-06	0.05	cis	0.04
rs2960852	miR-339-5p	6.3E-06	0.05	cis	0.04
rs2363285	miR-339-3p	6.6E-06	0.05	cis	0.04
rs8012970	miR-543	7.2E-06	0.06	cis	0.05
rs17099614	miR-543	7.2E-06	0.06	cis	0.05
rs12702440	miR-339-5p	7.2E-06	0.05	cis	0.05
rs8008285	miR-127-3p	7.2E-06	0.05	cis	0.05
rs1190876	miR-654-5p	6.8E-06	0.06	cis	0.05
rs7740167	miR-30a-3p	6.9E-06	0.10	cis	0.05
rs10790517	miR-125b-5p	7.7E-06	0.05	cis	0.05
rs10750216	miR-125b-5p	7.6E-06	0.05	cis	0.05
rs6589938	miR-125b-5p	7.7E-06	0.05	cis	0.05
rs6589939	miR-125b-5p	7.6E-06	0.05	cis	0.05
rs11218725	miR-125b-5p	7.9E-06	0.05	cis	0.05
rs7123220	miR-125b-5p	8.0E-06	0.05	cis	0.05
rs7149242	miR-543	7.9E-06	0.06	cis	0.05
rs7952141	miR-125b-5p	7.9E-06	0.05	cis	0.05
rs9671394	miR-543	8.1E-06	0.06	cis	0.05
rs4290241	miR-100-5p	8.6E-06	0.05	cis	0.05
rs12291999	miR-100-5p	8.5E-06	0.05	cis	0.05
rs11600391	miR-100-5p	8.6E-06	0.05	cis	0.05

Supplementary Table IV: The Overlapping miRNA and mRNA *cis*-eSNPs

snpID	miRNA_FHS	geneSym	SNP-miRNA				SNP-mRNA			
			pVal	R2	BH_FDR	cisMark	pVal	R2	BH_FDR	cisMark
rs10280960	miR_339_3p	ZFAND2A	1.3E-06	0.06	1.4E-02	cis	6.3E-07	0.06	6.1E-04	cis
rs13242526	miR_339_3p	GPR146	8.2E-07	0.06	8.6E-03	cis	1.7E-09	0.09	2.9E-06	cis
rs2363285	miR_339_3p	ZFAND2A	6.6E-06	0.05	4.5E-02	cis	5.3E-07	0.06	5.3E-04	cis
rs10262070	miR_339_5p	ZFAND2A	8.5E-08	0.07	1.3E-03	cis	3.7E-07	0.06	3.8E-04	cis
rs10262070	miR_339_5p	GPR146	8.5E-08	0.07	1.3E-03	cis	1.3E-06	0.06	1.1E-03	cis
rs10275401	miR_339_5p	GPR146	3.9E-09	0.09	9.2E-05	cis	8.3E-09	0.08	1.2E-05	cis
rs10275401	miR_339_5p	ZFAND2A	3.9E-09	0.09	9.2E-05	cis	2.5E-08	0.07	3.4E-05	cis
rs10280960	miR_339_5p	ZFAND2A	3.8E-07	0.07	4.7E-03	cis	6.3E-07	0.06	6.1E-04	cis
rs10951499	miR_339_5p	ZFAND2A	2.4E-08	0.08	4.8E-04	cis	2.7E-05	0.04	1.5E-02	cis
rs1133122	miR_339_5p	ZFAND2A	5.4E-10	0.10	1.9E-05	cis	1.5E-07	0.07	1.8E-04	cis
rs1133122	miR_339_5p	GPR146	5.4E-10	0.10	1.9E-05	cis	4.7E-09	0.08	7.5E-06	cis
rs11763020	miR_339_5p	ZFAND2A	1.8E-10	0.10	6.9E-06	cis	9.8E-05	0.04	4.3E-02	cis
rs11763020	miR_339_5p	GPR146	1.8E-10	0.10	6.9E-06	cis	3.2E-12	0.11	9.2E-09	cis
rs12701834	miR_339_5p	GPR146	2.3E-09	0.09	7.8E-05	cis	5.9E-07	0.06	5.7E-04	cis
rs12701834	miR_339_5p	ZFAND2A	2.3E-09	0.09	7.8E-05	cis	2.4E-06	0.05	1.9E-03	cis
rs12702440	miR_339_5p	ZFAND2A	7.2E-06	0.05	4.5E-02	cis	8.0E-12	0.11	2.1E-08	cis
rs13242526	miR_339_5p	GPR146	7.6E-09	0.09	1.7E-04	cis	1.7E-09	0.09	2.9E-06	cis
rs1880295	miR_339_5p	ZFAND2A	6.5E-08	0.08	1.1E-03	cis	1.9E-13	0.13	6.7E-10	cis
rs1880296	miR_339_5p	ZFAND2A	6.5E-08	0.08	1.1E-03	cis	1.9E-13	0.13	6.7E-10	cis
rs1997243	miR_339_5p	GPR146	2.2E-10	0.10	8.3E-06	cis	3.0E-12	0.11	8.8E-09	cis
rs1997243	miR_339_5p	ZFAND2A	2.2E-10	0.10	8.3E-06	cis	7.9E-05	0.04	3.6E-02	cis
rs2363285	miR_339_5p	ZFAND2A	4.7E-07	0.07	5.7E-03	cis	5.3E-07	0.06	5.3E-04	cis
rs2363286	miR_339_5p	ZFAND2A	2.2E-10	0.10	8.1E-06	cis	7.8E-05	0.04	3.6E-02	cis
rs2363286	miR_339_5p	GPR146	2.2E-10	0.10	8.1E-06	cis	3.0E-12	0.11	8.6E-09	cis
rs2949171	miR_339_5p	ZFAND2A	4.8E-06	0.05	3.4E-02	cis	1.1E-12	0.12	3.5E-09	cis
rs2949173	miR_339_5p	ZFAND2A	1.7E-07	0.07	2.4E-03	cis	2.6E-13	0.12	9.2E-10	cis
rs2960852	miR_339_5p	ZFAND2A	6.3E-06	0.05	4.3E-02	cis	1.0E-11	0.11	2.7E-08	cis
rs4724725	miR_339_5p	ZFAND2A	1.6E-09	0.09	5.4E-05	cis	4.5E-07	0.06	4.5E-04	cis
rs4724725	miR_339_5p	GPR146	1.6E-09	0.09	5.4E-05	cis	1.9E-09	0.09	3.3E-06	cis
rs6462277	miR_339_5p	GPR146	3.9E-07	0.07	4.8E-03	cis	2.4E-06	0.05	1.9E-03	cis
rs6951245	miR_339_5p	ZFAND2A	1.8E-10	0.10	7.0E-06	cis	9.9E-05	0.04	4.4E-02	cis
rs6951245	miR_339_5p	GPR146	1.8E-10	0.10	7.0E-06	cis	3.2E-12	0.11	9.2E-09	cis
rs6967496	miR_339_5p	ZFAND2A	3.7E-07	0.07	4.7E-03	cis	5.5E-12	0.11	1.5E-08	cis
rs6973680	miR_339_5p	ZFAND2A	2.7E-07	0.07	3.6E-03	cis	7.9E-14	0.13	3.0E-10	cis
rs7809667	miR_339_5p	ZFAND2A	2.0E-06	0.06	1.8E-02	cis	2.6E-12	0.12	7.5E-09	cis

Supplementary Table V: Summary of miRNA-mRNA co-expression pairs

miRNAs	mRNAs	miRNA-mRNA pairs	Inverse pairs	Sample groups
163	2008	5539	80%	CHD cases
209	2302	6558	30%	Controls
217	4893	26115	52%	Overall samples

Supplementary Table VI: Differential miRNA-mRNA co-expression pairs between CHD cases and controls

miRNA	Transcript ID	Gene Symbol	Interaction estimate	interaction Std.Error	interaction zValue	interaction p	Interaction FDR	Population
miR_193b_3p	3881010	LOC100134868	0.55	0.12	4.53	5.80E-06	0.05	control
miR_720	3722872	RUNDC3A	-1.57	0.36	-4.35	1.40E-05	0.06	case
miR_19b_3p	2596948	CRYGD	1.4	0.35	3.97	7.10E-05	0.09	control
miR_18a_3p	3056414	RFC2	-1.39	0.36	-3.9	9.50E-05	0.09	control
miR_128	2596948	CRYGD	1.19	0.31	3.9	9.50E-05	0.09	control
miR_18a_3p	2437247	GBA	-0.99	0.26	-3.87	1.10E-04	0.09	control
miR_7_5p	2491168	DNAH6	1.18	0.31	3.84	1.20E-04	0.09	case
miR_140_3p	2596948	CRYGD	1.12	0.29	3.82	1.30E-04	0.09	control
miR_210	3329649	DDB2	-1.15	0.3	-3.81	1.40E-04	0.09	case
miR_502_3p	2596948	CRYGD	0.94	0.25	3.8	1.50E-04	0.09	control
miR_720	3720388	PNMT	-1.2	0.32	-3.79	1.50E-04	0.09	case
let_7d_3p	3318244	OR51T1	-0.52	0.14	-3.72	2.00E-04	0.09	control
miR_125b_5p	3602569	C15orf27	1.64	0.44	3.71	2.00E-04	0.09	case
miR_19b_3p	2941287	OFCC1	2.25	0.61	3.71	2.10E-04	0.09	control
miR_212_3p	3535780	PTGER2	-0.94	0.25	-3.71	2.10E-04	0.09	control
miR_145_5p	3881010	LOC100134868	0.35	0.1	3.7	2.20E-04	0.09	control
miR_128	2941287	OFCC1	2.21	0.6	3.68	2.30E-04	0.09	control
miR_720	3905145	TGM2	-1.73	0.47	-3.68	2.40E-04	0.09	case
miR_148b_3p	2955863	GPR116	1.88	0.52	3.65	2.60E-04	0.09	control
miR_505_3p	4011844	IL2RG	-1.06	0.29	-3.63	2.80E-04	0.09	control
miR_500a_3p	3795045	ATP9B	-2.58	0.71	-3.63	2.90E-04	0.09	case
miR_148b_5p	3188697	NEK6	-1.44	0.4	-3.63	2.90E-04	0.09	control
miR_192_5p	3393622	SCN4B	2.01	0.56	3.61	3.10E-04	0.09	case
miR_100_5p	3756482	KRT27	0.67	0.19	3.6	3.10E-04	0.09	control
miR_378a_5p	2436973	PYGO2	-1.51	0.42	-3.58	3.40E-04	0.09	case
miR_148b_5p	3918635	IFNGR2	-1.37	0.38	-3.57	3.60E-04	0.09	control
miR_24_2_5p	3704980	FANCA	-2.43	0.68	-3.57	3.60E-04	0.09	case
miR_28_5p	2941287	OFCC1	1.84	0.52	3.56	3.60E-04	0.09	control
miR_146b_5p	3514685	NCRNA00282	-0.84	0.24	-3.56	3.70E-04	0.09	control
miR_125b_5p	3107234	C8orf39	-0.72	0.2	-3.53	4.10E-04	0.09	control
miR_152	3053691	GUSB	-1.12	0.32	-3.53	4.20E-04	0.09	case
miR_654_5p	2645722	GRK7	1.66	0.47	3.51	4.40E-04	0.09	case
miR_671_3p	2596948	CRYGD	1.21	0.34	3.51	4.40E-04	0.09	control
miR_193b_3p	3840327	ZNF808	-0.83	0.24	-3.5	4.60E-04	0.09	control

miR_30c_5p	2596948	CRYGD	1.56	0.45	3.5	4.70E-04	0.09	control
miR_7_1_3p	3749767	TMEM11	-0.72	0.21	-3.5	4.70E-04	0.09	control
miR_126_5p	2960303	B3GAT2	0.95	0.27	3.49	4.90E-04	0.09	case
miR_590_5p	2451567	MYBPH	0.88	0.25	3.48	4.90E-04	0.09	control
miR_363_3p	2941287	OFCC1	1.52	0.44	3.48	4.90E-04	0.09	control
miR_590_5p	3666409	CDH1	-0.49	0.14	-3.48	5.00E-04	0.09	control
miR_302c_3p	3757154	KRT14	-0.73	0.21	-3.48	5.00E-04	0.09	control
miR_766_3p	3476665	SCARB1	-2.43	0.7	-3.47	5.20E-04	0.09	case
miR_212_3p	3033209	INSIG1	-1.16	0.33	-3.47	5.20E-04	0.09	control
miR_296_5p	2898597	GMNN	1.83	0.53	3.47	5.20E-04	0.09	control
miR_221_3p	3367231	BDNF	2.34	0.68	3.46	5.40E-04	0.09	case
miR_106b_5p	2485406	HSPC159	-0.6	0.17	-3.46	5.50E-04	0.09	control
miR_210	3643703	UBE2I	-1.23	0.36	-3.46	5.50E-04	0.09	case
miR_18a_3p	2431112	NOTCH2	-1.02	0.29	-3.45	5.60E-04	0.09	control
miR_15b_3p	3749767	TMEM11	-0.86	0.25	-3.45	5.60E-04	0.09	control
miR_320a	3387537	MAML2	-1.77	0.51	-3.45	5.60E-04	0.09	case
miR_766_3p	2845078	TRIM52	0.88	0.26	3.45	5.70E-04	0.09	case
miR_155_5p	3838886	AP2A1	-1.24	0.36	-3.45	5.70E-04	0.09	case
miR_1260a	3642654	HBM	-0.49	0.14	-3.44	5.70E-04	0.09	control
miR_196b_5p	4012407	DMRTC1	0.47	0.14	3.44	5.80E-04	0.09	case
miR_1275	2326912	WDTC1	-1.14	0.33	-3.44	5.90E-04	0.09	case
miR_25_3p	2941287	OFCC1	2.18	0.64	3.42	6.20E-04	0.09	control
miR_590_5p	3018605	SLC26A4	0.83	0.24	3.41	6.60E-04	0.09	control
miR_1248	3015178	ZSCAN21	-3.22	0.95	-3.4	6.60E-04	0.09	control
miR_144_5p	3720739	CASC3	-0.6	0.18	-3.4	6.60E-04	0.09	case
miR_505_3p	3817420	SHD	1.48	0.44	3.4	6.80E-04	0.09	control
miR_720	3124537	CTSB	-1.07	0.31	-3.38	7.10E-04	0.09	case
miR_221_3p	2715634	ADD1	-1.11	0.33	-3.38	7.30E-04	0.09	case
miR_1227	2908179	VEGFA	-1.35	0.4	-3.38	7.30E-04	0.09	case
miR_7_5p	4001654	GPR64	-1.22	0.36	-3.37	7.50E-04	0.09	control
miR_885_5p	3984945	ARMCX3	1.44	0.43	3.37	7.60E-04	0.09	case
miR_20a_5p	3029030	CASP2	-1.29	0.38	-3.36	7.90E-04	0.09	case
miR_194_5p	2615360	TGFBR2	-1.58	0.47	-3.35	8.00E-04	0.09	case
miR_454_3p	2359817	INTS3	-0.68	0.2	-3.35	8.00E-04	0.09	case
miR_148a_3p	3395817	OR10G7	0.56	0.17	3.35	8.10E-04	0.09	control
miR_103a_3p	3259367	CC2D2B	-1.39	0.42	-3.35	8.10E-04	0.09	control
miR_130a_3p	3957224	TBC1D10A	1.57	0.47	3.35	8.20E-04	0.09	control
miR_454_3p	2495446	INPP4A	-0.89	0.27	-3.35	8.20E-04	0.09	case

miR_1260a	3890109	C20orf108	-0.91	0.27	-3.34	8.50E-04	0.09	control
miR_30b_5p	2941287	OFCC1	2.65	0.8	3.33	8.60E-04	0.09	control
miR_30b_5p	3840327	ZNF808	-1.36	0.41	-3.33	8.80E-04	0.09	control
miR_18a_3p	2319802	PGD	-0.83	0.25	-3.32	8.90E-04	0.09	control
miR_1275	3838886	AP2A1	-0.93	0.28	-3.32	8.90E-04	0.09	case
miR_1275	2361342	SEMA4A	-0.91	0.28	-3.32	9.10E-04	0.09	case
miR_27a_5p	3838556	FLT3LG	-1.49	0.45	-3.31	9.20E-04	0.09	case
miR_505_3p	2339786	PGM1	-1.65	0.5	-3.31	9.20E-04	0.09	control
miR_18a_3p	3655920	ALDOA	-1.12	0.34	-3.31	9.20E-04	0.09	control
miR_93_3p	3373411	OR5R1	-0.69	0.21	-3.31	9.30E-04	0.09	case
miR_1260a	2450345	KIF14	-0.72	0.22	-3.31	9.40E-04	0.09	control
miR_454_3p	3029030	CASP2	-1.04	0.32	-3.3	9.80E-04	0.09	case
miR_574_3p	4026560	FAM58A	-0.5	0.15	-3.3	9.80E-04	0.09	case
miR_18a_3p	3188697	NEK6	-1.18	0.36	-3.29	9.90E-04	0.09	control
miR_26a_5p	2941287	OFCC1	1.68	0.51	3.29	1.00E-03	0.09	control
miR_1260a	2708922	IGF2BP2	-0.42	0.13	-3.29	1.00E-03	0.09	control
miR_30b_5p	2596948	CRYGD	1.31	0.4	3.28	1.00E-03	0.09	control
miR_18a_3p	3587015	KLF13	-1.37	0.42	-3.28	1.00E-03	0.09	control
miR_148a_3p	2622970	DOCK3	1.84	0.56	3.27	1.10E-03	0.1	control
miR_378a_5p	3358538	CHID1	-1.57	0.48	-3.27	1.10E-03	0.1	case
let_7d_3p	3891342	TUBB1	0.33	0.1	3.26	1.10E-03	0.1	control
miR_222_3p	2715634	ADD1	-0.77	0.24	-3.26	1.10E-03	0.1	case
miR_221_3p	3957224	TBC1D10A	1.69	0.52	3.26	1.10E-03	0.1	control
miR_143_3p	2532681	NEU2	4.96	1.53	3.25	1.10E-03	0.1	case
miR_197_3p	3705412	C17orf97	-1.44	0.44	-3.24	1.20E-03	0.1	case
miR_520f	3843848	ZNF544	0.78	0.24	3.24	1.20E-03	0.1	control
miR_1275	3757664	RAB5C	-0.85	0.26	-3.24	1.20E-03	0.1	case
miR_197_3p	3712363	MPRIP	-0.94	0.29	-3.24	1.20E-03	0.1	case
miR_103a_3p	3957224	TBC1D10A	1.83	0.57	3.23	1.20E-03	0.1	control
miR_29b_2_5p	3188697	NEK6	-1.18	0.37	-3.23	1.20E-03	0.1	case
miR_197_3p	2458513	TMEM63A	-1.19	0.37	-3.23	1.20E-03	0.1	case
miR_151a_5p	3168508	MELK	-0.99	0.31	-3.23	1.20E-03	0.1	control
miR_329	3040699	SP8	4.5	1.4	3.22	1.30E-03	0.1	case
miR_150_5p	3840327	ZNF808	-1.31	0.41	-3.22	1.30E-03	0.1	control
miR_1260a	2383859	GUK1	-0.45	0.14	-3.22	1.30E-03	0.1	control
miR_20b_5p	2485406	HSPC159	-0.47	0.15	-3.22	1.30E-03	0.1	control
miR_1236	2325274	C1orf128	1.2	0.37	3.22	1.30E-03	0.1	control
miR_454_3p	2363084	NCSTN	-0.74	0.23	-3.22	1.30E-03	0.1	case

miR_1248	2882897	GEMIN5	-2.95	0.92	-3.21	1.30E-03	0.1	control
miR_1275	3398145	PRDM10	-1.7	0.53	-3.21	1.30E-03	0.1	case
miR_93_3p	3848039	C3	-2.52	0.79	-3.21	1.30E-03	0.1	case
miR_197_3p	3937130	C22orf25	-1.42	0.44	-3.21	1.30E-03	0.1	case
miR_210	3732230	PITPNC1	-0.66	0.21	-3.2	1.40E-03	0.1	case
miR_103a_3p	2485406	HSPC159	-0.61	0.19	-3.2	1.40E-03	0.1	control
miR_155_5p	2403111	WASF2	-0.77	0.24	-3.2	1.40E-03	0.1	case
miR_301a_3p	2901913	TUBB	-0.73	0.23	-3.2	1.40E-03	0.1	case
miR_1275	2954818	MRPS18A	-0.85	0.27	-3.19	1.40E-03	0.1	control
miR_151a_5p	3880191	GZF1	-1.5	0.47	-3.19	1.40E-03	0.1	control
miR_199a_5p	2948783	C6orf15	5.45	1.71	3.19	1.40E-03	0.1	control
miR_1236	2801608	6-Mar	2.6	0.81	3.19	1.40E-03	0.1	control
miR_1275	2333907	RNF220	-1.07	0.34	-3.19	1.40E-03	0.1	control
miR_210	3168938	POLR1E	-0.58	0.18	-3.19	1.40E-03	0.1	case
miR_16_5p	3065546	DPY19L2P2	0.26	0.08	3.19	1.40E-03	0.1	case
miR_185_5p	3852880	EMR2	-0.73	0.23	-3.18	1.50E-03	0.1	case
miR_378a_3p	2620773	CXCR6	-0.77	0.24	-3.18	1.50E-03	0.1	case
miR_574_3p	2903470	SLC39A7	-0.85	0.27	-3.18	1.50E-03	0.1	case
miR_151a_5p	3428268	GAS2L3	-0.74	0.23	-3.17	1.50E-03	0.1	control
miR_144_5p	2612175	NR2C2	-0.59	0.19	-3.17	1.50E-03	0.1	case
miR_197_3p	2403111	WASF2	-0.96	0.3	-3.17	1.50E-03	0.1	case
miR_454_3p	2400518	ECE1	-0.46	0.15	-3.17	1.50E-03	0.1	case
miR_1275	2438657	ARHGEF11	-1.03	0.33	-3.17	1.50E-03	0.1	case
miR_1275	3832978	ZFP36	-0.87	0.27	-3.17	1.50E-03	0.1	control
miR_301a_3p	3680479	TXNDC11	-1.4	0.44	-3.17	1.50E-03	0.1	case
miR_210	3191695	EXOSC2	-0.65	0.21	-3.16	1.60E-03	0.1	case
miR_26a_5p	3768280	C17orf58	1.11	0.35	3.15	1.60E-03	0.1	case
miR_29b_2_5p	3442205	ZNF384	-1.14	0.36	-3.15	1.70E-03	0.1	case
miR_29b_2_5p	3720739	CASC3	-1	0.32	-3.14	1.70E-03	0.1	case
miR_1260a	3642687	HBQ1	-0.89	0.28	-3.14	1.70E-03	0.1	control
miR_223_5p	2919669	PRDM1	-1	0.32	-3.14	1.70E-03	0.1	case
miR_422a	2328808	EIF3I	-0.62	0.2	-3.14	1.70E-03	0.1	case
miR_18a_3p	4037652	SH3KBP1	1.3	0.41	3.14	1.70E-03	0.1	control
miR_505_5p	2993639	CBX3	0.81	0.26	3.13	1.70E-03	0.1	case
miR_20b_5p	3105600	CA2	-0.49	0.16	-3.13	1.70E-03	0.1	control
miR_15b_3p	3188697	NEK6	-0.92	0.29	-3.13	1.70E-03	0.1	control
miR_18a_3p	2395490	ENO1	-0.65	0.21	-3.13	1.80E-03	0.1	control
miR_197_3p	3371544	AMBRA1	-2.03	0.65	-3.13	1.80E-03	0.1	case

miR_574_3p	2440664	B4GALT3	-0.67	0.21	-3.12	1.80E-03	0.1	case
miR_590_5p	3665116	CBFB	-0.63	0.2	-3.12	1.80E-03	0.1	control
miR_193a_5p	3474418	PXN	-1.21	0.39	-3.12	1.80E-03	0.1	case
miR_106a_5p	2485406	HSPC159	-0.47	0.15	-3.12	1.80E-03	0.1	control
miR_93_3p	3281762	ENKUR	0.38	0.12	3.12	1.80E-03	0.1	case
miR_340_5p	2434233	OTUD7B	2.88	0.93	3.11	1.80E-03	0.1	case
miR_197_3p	3124537	CTSB	-1.12	0.36	-3.11	1.90E-03	0.1	case
miR_454_3p	2326640	ARID1A	-0.9	0.29	-3.11	1.90E-03	0.1	case
miR_106a_5p	3105600	CA2	-0.49	0.16	-3.11	1.90E-03	0.1	control
miR_7_1_3p	3907190	SLPI	-0.23	0.08	-3.11	1.90E-03	0.1	control
miR_24_3p	2897576	E2F3	-1.76	0.57	-3.11	1.90E-03	0.1	control
miR_744_5p	3456666	NFE2	-0.86	0.28	-3.11	1.90E-03	0.1	control
miR_26a_5p	3065546	DPY19L2P2	0.33	0.11	3.11	1.90E-03	0.1	case
miR_103a_3p	3428268	GAS2L3	-0.75	0.24	-3.1	1.90E-03	0.1	control
miR_1275	3852880	EMR2	-0.57	0.18	-3.1	1.90E-03	0.1	case
miR_18a_3p	3774823	CSNK1D	-0.9	0.29	-3.1	1.90E-03	0.1	control
miR_1255b_5p	2718259	DRD5	0.85	0.27	3.1	1.90E-03	0.1	control
miR_532_5p	2750463	C4orf39	1.1	0.36	3.1	1.90E-03	0.1	case
miR_197_3p	3816264	DOT1L	-1.93	0.62	-3.1	2.00E-03	0.1	case
miR_340_5p	3334501	PRDX5	1.37	0.44	3.1	2.00E-03	0.1	case
miR_16_1_3p	2469910	LPIN1	-1.29	0.42	-3.09	2.00E-03	0.1	case
miR_520f	2327338	XKR8	-0.84	0.27	-3.09	2.00E-03	0.1	control
miR_664_3p	3835645	PVR	-1.65	0.53	-3.09	2.00E-03	0.1	case
miR_7_5p	4027639	F8	1.36	0.44	3.09	2.00E-03	0.1	case
miR_31_3p	3980035	YIPF6	6.16	2	3.08	2.00E-03	0.1	case
miR_671_3p	2326448	SH3BGRL3	-1.15	0.37	-3.08	2.00E-03	0.1	control
miR_574_3p	3945349	CBY1	-0.85	0.28	-3.08	2.10E-03	0.1	case
miR_210	2562233	RETSAT	-1.07	0.35	-3.07	2.20E-03	0.1	case
miR_24_2_5p	3820758	DNM2	-0.99	0.32	-3.07	2.20E-03	0.1	case
miR_144_5p	2495446	INPP4A	-0.57	0.19	-3.07	2.20E-03	0.1	case
miR_505_3p	2377094	PFKFB2	-0.75	0.24	-3.06	2.20E-03	0.1	control
miR_19a_3p	3394092	SLC37A4	1.36	0.45	3.06	2.20E-03	0.1	case
miR_148b_5p	2359433	LCE1E	-0.54	0.18	-3.05	2.30E-03	0.1	case
miR_744_5p	2910477	FBXO9	-0.83	0.27	-3.05	2.30E-03	0.1	control
miR_140_5p	3164312	ACER2	-1.06	0.35	-3.05	2.30E-03	0.1	control
miR_1275	2403111	WASF2	-0.55	0.18	-3.05	2.30E-03	0.1	case
miR_197_3p	3304215	LDB1	-1.26	0.41	-3.05	2.30E-03	0.1	case
miR_210	2394841	DNAJC11	-0.71	0.23	-3.05	2.30E-03	0.1	case

miR_1275	3156193	EIF2C2	-0.86	0.28	-3.04	2.40E-03	0.1	case
miR_197_3p	3855660	SUGP1	-1.99	0.65	-3.04	2.40E-03	0.1	case
miR_451a	3514685	NCRNA00282	-0.94	0.31	-3.04	2.40E-03	0.1	control
miR_17_5p	2431112	NOTCH2	-0.72	0.24	-3.04	2.40E-03	0.1	case
miR_20a_5p	2485406	HSPC159	-0.44	0.14	-3.04	2.40E-03	0.1	control
miR_30c_5p	3840327	ZNF808	-1.27	0.42	-3.04	2.40E-03	0.1	control
miR_197_3p	3818732	ARHGEF18	-1.45	0.48	-3.04	2.40E-03	0.1	case
miR_210	3666409	CDH1	-0.74	0.24	-3.04	2.40E-03	0.1	control
miR_152	2609960	TLL3	-1.37	0.45	-3.03	2.40E-03	0.1	case
miR_1275	3763656	TRIM25	-0.62	0.2	-3.03	2.40E-03	0.1	case
miR_301a_3p	2954025	TRERF1	-1.34	0.44	-3.03	2.40E-03	0.1	case
miR_17_5p	3150060	EXT1	-0.88	0.29	-3.03	2.50E-03	0.1	case
miR_210	2901913	TUBB	-0.7	0.23	-3.02	2.50E-03	0.1	case
miR_1275	3413212	SLC48A1	-0.83	0.27	-3.02	2.50E-03	0.1	case
miR_30c_5p	2941287	OFCC1	2.54	0.84	3.02	2.50E-03	0.1	control
let_7c	2485406	HSPC159	-0.41	0.14	-3.02	2.50E-03	0.1	control
miR_24_2_5p	3089285	POLR3D	-1.06	0.35	-3.02	2.50E-03	0.1	case
miR_152	2358520	SETDB1	-0.96	0.32	-3.02	2.50E-03	0.1	case
miR_590_5p	3894228	CSNK2A1	-0.31	0.1	-3.02	2.60E-03	0.1	control
miR_18a_3p	3883064	ACSS2	-1.02	0.34	-3.02	2.60E-03	0.1	control
miR_24_2_5p	3871256	PPP6R1	-1.21	0.4	-3.01	2.60E-03	0.1	case
miR_193a_5p	3826542	ZNF738	0.88	0.29	3.01	2.60E-03	0.1	case
miR_24_2_5p	3894194	TBC1D20	-1.16	0.39	-3.01	2.60E-03	0.1	case
miR_181a_5p	3192609	GFI1B	-1.16	0.38	-3.01	2.70E-03	0.1	control
miR_128	3840327	ZNF808	-0.8	0.26	-3	2.70E-03	0.1	control
miR_222_3p	2623180	RAD54L2	-0.62	0.21	-3	2.70E-03	0.1	case
miR_1275	3250699	EIF4EBP2	-0.7	0.23	-3	2.70E-03	0.1	case
miR_378a_5p	3867980	IRF3	-2.01	0.67	-3	2.70E-03	0.1	case
miR_1180	3057650	YWHAG	-1.19	0.4	-3	2.70E-03	0.1	case
miR_24_2_5p	3192171	POMT1	-1.88	0.63	-3	2.70E-03	0.1	case
miR_574_3p	3867980	IRF3	-0.9	0.3	-3	2.70E-03	0.1	case
miR_197_3p	2950561	WDR46	-1.31	0.44	-3	2.70E-03	0.1	case
miR_26a_5p	2989050	RAC1	-0.81	0.27	-2.99	2.80E-03	0.1	control
let_7c	3957224	TBC1D10A	1.31	0.44	2.99	2.80E-03	0.1	control
miR_18a_3p	2565246	TMEM127	-0.95	0.32	-2.99	2.80E-03	0.1	control
miR_744_5p	2553576	RTN4	-2.04	0.68	-2.99	2.80E-03	0.1	control
miR_212_3p	3683018	RPS15A	-0.4	0.13	-2.99	2.80E-03	0.1	control
miR_1275	3905145	TGM2	-0.84	0.28	-2.99	2.80E-03	0.1	case

miR_1275	7385696	SHFM1	0.63	0.21	2.98	2.80E-03	0.1	case
miR_20a_5p	3367231	BDNF	1.51	0.51	2.98	2.90E-03	0.1	case
miR_26b_3p	3683018	RPS15A	-0.51	0.17	-2.98	2.90E-03	0.1	control
miR_454_3p	2609960	TTLL3	-0.83	0.28	-2.98	2.90E-03	0.1	case
miR_197_3p	3656555	RNF40	-1.55	0.52	-2.98	2.90E-03	0.1	case
miR_24_2_5p	3656223	ITGAL	-0.88	0.3	-2.98	2.90E-03	0.1	case
miR_454_3p	2431112	NOTCH2	-0.56	0.19	-2.98	2.90E-03	0.1	case
miR_93_5p	2485406	HSPC159	-0.5	0.17	-2.98	2.90E-03	0.1	control
miR_342_3p	3937130	C22orf25	-1.28	0.43	-2.98	2.90E-03	0.1	case
miR_17_5p	3074101	C7orf49	-0.64	0.21	-2.97	2.90E-03	0.1	case
miR_210	3598959	SMAD3	-0.9	0.3	-2.97	3.00E-03	0.1	case
miR_210	3719980	LASP1	-0.75	0.25	-2.97	3.00E-03	0.1	case
miR_18a_3p	3477967		-0.63	0.21	-2.97	3.00E-03	0.1	control
miR_1227	4037669	ND5	0.83	0.28	2.97	3.00E-03	0.1	case
miR_629_5p	2737220	C4orf17	-1.31	0.44	-2.96	3.00E-03	0.1	control
miR_210	3545466	AHSA1	-0.7	0.23	-2.96	3.00E-03	0.1	case
miR_144_5p	3477967		-0.31	0.1	-2.96	3.00E-03	0.1	case
miR_1227	3917204	C21orf7	0.66	0.22	2.96	3.00E-03	0.1	case
miR_197_3p	3435192	MLXIP	-1.26	0.43	-2.96	3.10E-03	0.1	case
miR_152	2621827	ARIH2	-0.99	0.34	-2.96	3.10E-03	0.1	case
miR_625_3p	2752006	SAP30	-1.01	0.34	-2.96	3.10E-03	0.1	control
miR_200c_3p	3418513	9-Mar	-0.83	0.28	-2.95	3.10E-03	0.1	case
miR_197_3p	3771543	UBE2O	-0.81	0.27	-2.95	3.20E-03	0.1	case
miR_744_5p	2330723	DNALI1	1.79	0.61	2.95	3.20E-03	0.1	case
miR_130b_5p	3794056	TSHZ1	-1.06	0.36	-2.95	3.20E-03	0.1	case
miR_144_5p	3274361	KLF6	-0.47	0.16	-2.95	3.20E-03	0.1	case
miR_210	3053691	GUSB	-0.71	0.24	-2.95	3.20E-03	0.1	case
miR_222_3p	2901913	TUBB	-0.65	0.22	-2.95	3.20E-03	0.1	case
miR_144_5p	3352070	CBL	-0.44	0.15	-2.95	3.20E-03	0.1	case
miR_590_5p	3381607	RAB6A	-0.46	0.16	-2.94	3.20E-03	0.1	control
miR_142_5p	3961664	ST13	-0.65	0.22	-2.94	3.20E-03	0.1	control
miR_744_5p	2652801	NLGN1	1.52	0.52	2.94	3.20E-03	0.1	case
miR_106a_5p	2588827	NFE2L2	-0.74	0.25	-2.94	3.20E-03	0.1	control
miR_342_3p	3124537	CTSB	-0.99	0.34	-2.94	3.30E-03	0.1	case
miR_30e_3p	2951664	CLPS	0.88	0.3	2.94	3.30E-03	0.1	case
miR_143_3p	3805553	RIT2	6.11	2.08	2.94	3.30E-03	0.1	control
miR_106a_5p	2363084	NCSTN	-0.79	0.27	-2.94	3.30E-03	0.11	case
miR_155_5p	3772719	LGALS3BP	-1.25	0.43	-2.93	3.30E-03	0.11	case

miR_181a_5p	3444252	CSDA	-0.51	0.17	-2.93	3.30E-03	0.11	control
miR_210	3318890	ILK	-0.71	0.24	-2.93	3.40E-03	0.11	case
miR_1275	3124537	CTSB	-0.58	0.2	-2.93	3.40E-03	0.11	case
miR_885_5p	3722872	RUNDC3A	-0.83	0.28	-2.93	3.40E-03	0.11	case
miR_24_2_5p	3865715	SYMPK	-1.26	0.43	-2.93	3.40E-03	0.11	case
miR_144_5p	3029030	CASP2	-0.68	0.23	-2.93	3.40E-03	0.11	case
miR_93_5p	2715634	ADD1	-0.84	0.29	-2.93	3.40E-03	0.11	case
miR_181a_5p	2347132	FNBP1L	-0.58	0.2	-2.92	3.40E-03	0.11	control
miR_148b_5p	2610732	ATG7	-1.05	0.36	-2.92	3.50E-03	0.11	control
miR_210	2532793	ATG16L1	-0.78	0.27	-2.92	3.50E-03	0.11	case
miR_197_3p	3357279	VPS26B	-1.14	0.39	-2.92	3.50E-03	0.11	case
miR_629_3p	3872604	ZNF606	1.88	0.64	2.92	3.50E-03	0.11	control
miR_1275	2671652	ZDHHC3	-0.57	0.19	-2.92	3.50E-03	0.11	case
miR_103a_3p	2820925	RHOBTB3	-0.76	0.26	-2.92	3.60E-03	0.11	control
miR_24_2_5p	3846926	DPP9	-1.55	0.53	-2.91	3.60E-03	0.11	case
miR_1227	3281762	ENKUR	0.32	0.11	2.91	3.60E-03	0.11	case
miR_454_3p	2394841	DNAJC11	-0.58	0.2	-2.91	3.60E-03	0.11	case
miR_766_3p	3474787	NCRNA00262	-0.79	0.27	-2.91	3.60E-03	0.11	case
miR_126_3p	2495446	INPP4A	-0.87	0.3	-2.91	3.60E-03	0.11	case
miR_1275	3334847	C11orf2	-0.92	0.31	-2.91	3.60E-03	0.11	control
miR_150_5p	3061651	BET1	1.04	0.36	2.91	3.60E-03	0.11	case
miR_590_5p	2579439	GTDC1	-0.38	0.13	-2.91	3.60E-03	0.11	control
let_7d_3p	3626704	SLTM	0.41	0.14	2.91	3.60E-03	0.11	control
miR_223_3p	2609960	TTLL3	-2.73	0.94	-2.91	3.60E-03	0.11	case
miR_197_3p	3824103	USE1	-1.23	0.42	-2.91	3.60E-03	0.11	case
miR_29b_2_5p	2889466	GMCL1L	0.96	0.33	2.91	3.60E-03	0.11	case
miR_331_5p	3174121	MAMDC2	25.38	8.74	2.9	3.70E-03	0.11	case
miR_181a_5p	2486178	MEIS1	-0.97	0.33	-2.9	3.70E-03	0.11	control
miR_766_3p	3358241	SCT	-1.2	0.41	-2.9	3.70E-03	0.11	case
miR_1275	3702547	COTL1	-0.73	0.25	-2.9	3.70E-03	0.11	case
miR_18a_3p	3945396	GTPBP1	-0.86	0.3	-2.9	3.70E-03	0.11	control
miR_15b_3p	2434129	HIST2H2AB	-0.34	0.12	-2.9	3.80E-03	0.11	control
miR_17_5p	2897576	E2F3	-0.85	0.29	-2.9	3.80E-03	0.11	control
miR_505_3p	3902928	SUN5	1.32	0.46	2.89	3.80E-03	0.11	control
miR_454_3p	2713555	KIAA0226	-0.83	0.29	-2.89	3.80E-03	0.11	case
miR_17_5p	2363084	NCSTN	-0.78	0.27	-2.89	3.80E-03	0.11	case
miR_93_5p	2400518	ECE1	-0.56	0.19	-2.89	3.80E-03	0.11	case
miR_29c_5p	2949450	HSPA1L	1.01	0.35	2.89	3.90E-03	0.11	case

miR_155_5p	3320717	MICAL2	-0.54	0.19	-2.89	3.90E-03	0.11	case
miR_574_3p	3815566	STK11	-0.52	0.18	-2.89	3.90E-03	0.11	case
miR_330_3p	3742727	DHX33	-1.44	0.5	-2.89	3.90E-03	0.11	case
miR_766_3p	3934785	C21orf67	-1.81	0.63	-2.88	3.90E-03	0.11	case
miR_616_5p	3771744	MXRA7	1.31	0.45	2.88	3.90E-03	0.11	control
miR_24_2_5p	3950726	PPP6R2	-1.47	0.51	-2.88	3.90E-03	0.11	case
miR_106a_5p	3444252	CSDA	-0.44	0.15	-2.88	3.90E-03	0.11	control
miR_766_3p	3710870	ARHGAP44	-1.72	0.6	-2.88	4.00E-03	0.11	case
miR_197_3p	3329724	MADD	-1.06	0.37	-2.88	4.00E-03	0.11	case
miR_454_3p	3477967		-0.41	0.14	-2.88	4.00E-03	0.11	case
miR_505_5p	7385696	SHFM1	0.76	0.26	2.88	4.00E-03	0.11	case
miR_195_5p	3285926	ZNF37BP	-0.46	0.16	-2.88	4.00E-03	0.11	control
miR_29c_3p	2437577	YY1AP1	-0.7	0.24	-2.88	4.00E-03	0.11	control
miR_148b_5p	2951730	SLC26A8	-0.81	0.28	-2.87	4.00E-03	0.11	control
let_7d_3p	3885464	TOP1	0.42	0.15	2.87	4.10E-03	0.11	control
let_7g_5p	3065546	DPY19L2P2	0.22	0.08	2.87	4.10E-03	0.11	case
miR_660_5p	3880191	GZF1	-1.32	0.46	-2.87	4.10E-03	0.11	control
miR_210	3891163	GNAS	-0.94	0.33	-2.87	4.10E-03	0.11	control
miR_590_5p	3686750	RABEP2	0.86	0.3	2.87	4.10E-03	0.11	control
miR_376c	3325028	FSHB	-2.76	0.96	-2.87	4.10E-03	0.11	case
miR_766_3p	3848039	C3	-2.32	0.81	-2.87	4.10E-03	0.11	case
let_7d_3p	3564027	SAV1	0.47	0.16	2.87	4.10E-03	0.11	control
miR_1275	4007617	PIM2	-0.84	0.29	-2.87	4.10E-03	0.11	control
miR_221_3p	2793401	MFAP3L	-0.7	0.24	-2.87	4.10E-03	0.11	control
miR_222_3p	2353988	FAM46C	-0.57	0.2	-2.87	4.10E-03	0.11	control
miR_362_5p	3965314	BRD1	-1.04	0.36	-2.87	4.20E-03	0.11	case
miR_197_3p	3358538	CHID1	-1.39	0.48	-2.87	4.20E-03	0.11	case
miR_342_3p	2609960	TTLL3	-1.64	0.57	-2.86	4.20E-03	0.11	case
miR_144_5p	3763656	TRIM25	-0.36	0.12	-2.86	4.20E-03	0.11	case
miR_197_3p	3838886	AP2A1	-1.35	0.47	-2.86	4.20E-03	0.11	case
miR_574_3p	2560254	AUP1	-0.58	0.2	-2.86	4.20E-03	0.11	case
miR_148b_5p	3629350	SPG21	-0.95	0.33	-2.86	4.20E-03	0.11	control
miR_106a_5p	2820925	RHOBTB3	-0.6	0.21	-2.86	4.20E-03	0.11	control
miR_7_1_3p	2466379	LOC100128185	0.41	0.15	2.86	4.30E-03	0.11	control
miR_15b_3p	2326448	SH3BGRL3	-0.53	0.18	-2.86	4.30E-03	0.11	control
miR_152	2673902	QRICH1	-0.85	0.3	-2.86	4.30E-03	0.11	case
miR_152	3090053	SLC25A37	-0.52	0.18	-2.86	4.30E-03	0.11	control
miR_192_5p	2599901	C2orf24	-0.63	0.22	-2.85	4.30E-03	0.11	control

miR_197_3p	3722872	RUNDC3A	-1.18	0.41	-2.85	4.30E-03	0.11	case
miR_133a	2699564	PLOD2	0.5	0.17	2.85	4.30E-03	0.11	case
miR_17_5p	2400518	ECE1	-0.52	0.18	-2.85	4.40E-03	0.11	case
miR_24_2_5p	3936442	PEX26	-1.56	0.55	-2.85	4.40E-03	0.11	case
miR_24_2_5p	3250278	HK1	-0.87	0.3	-2.85	4.40E-03	0.11	case
miR_144_5p	3796335	LPIN2	-0.49	0.17	-2.85	4.40E-03	0.11	case
miR_93_3p	3572235	MLH3	0.86	0.3	2.85	4.40E-03	0.11	case
miR_17_5p	3868283	VRK3	-0.88	0.31	-2.85	4.40E-03	0.11	case
let_7e_5p	3419807	XPOT	0.46	0.16	2.85	4.40E-03	0.11	case
miR_106a_5p	2411228	STIL	-0.59	0.21	-2.84	4.40E-03	0.11	control
miR_24_2_5p	3479438	CHFR	-1.14	0.4	-2.84	4.50E-03	0.11	case
miR_22_5p	2813414	CCNB1	-1.02	0.36	-2.84	4.50E-03	0.11	control
miR_155_5p	2881672	TNIP1	-0.92	0.32	-2.84	4.50E-03	0.11	case
miR_1275	3720739	CASC3	-0.71	0.25	-2.84	4.60E-03	0.11	case
miR_1275	2881672	TNIP1	-0.74	0.26	-2.83	4.60E-03	0.11	case
miR_93_5p	3444252	CSDA	-0.45	0.16	-2.83	4.60E-03	0.11	control
miR_744_5p	3608220	CRTC3	-1.13	0.4	-2.83	4.60E-03	0.11	case
miR_125b_5p	3056414	RFC2	-0.77	0.27	-2.83	4.60E-03	0.11	case
miR_106a_5p	3367231	BDNF	1.43	0.5	2.83	4.70E-03	0.11	case
miR_422a	2488732	CCT7	-0.64	0.23	-2.83	4.70E-03	0.11	case
miR_1236	3086206	FDFI1	1.53	0.54	2.83	4.70E-03	0.11	control
miR_106b_5p	2820925	RHOBTB3	-0.62	0.22	-2.83	4.70E-03	0.11	control
miR_29c_3p	3891163	GNAS	-0.84	0.3	-2.83	4.70E-03	0.11	control
miR_331_5p	3824497	MAP1S	10.93	3.87	2.83	4.70E-03	0.11	case
miR_197_3p	3771336	EXOC7	-1.12	0.4	-2.82	4.70E-03	0.11	case
miR_193a_5p	2361731	PRCC	-1	0.36	-2.82	4.70E-03	0.11	case
let_7g_5p	2363084	NCSTN	-0.76	0.27	-2.82	4.70E-03	0.11	case
miR_144_5p	2366798	PRRX1	0.63	0.22	2.82	4.70E-03	0.11	case
miR_221_3p	3074640	LUZP6	-1.14	0.41	-2.82	4.80E-03	0.11	control
miR_941	2949118	LTB	-1.58	0.56	-2.82	4.80E-03	0.11	control
miR_29b_2_5p	3320169	AMPD3	-1.05	0.37	-2.82	4.80E-03	0.11	case
miR_155_5p	3722182	AOC2	-0.73	0.26	-2.82	4.80E-03	0.11	case
miR_500a_3p	3973891	SYTL5	2.32	0.82	2.82	4.80E-03	0.11	case
let_7d_3p	3430086	TCP11L2	0.33	0.12	2.82	4.90E-03	0.11	control
miR_197_3p	3957790	PIK3IP1	-1.03	0.37	-2.82	4.90E-03	0.11	case
miR_31_5p	2580699	FLJ32955	0.77	0.27	2.82	4.90E-03	0.11	control
miR_590_5p	2488680	SMYD5	0.72	0.25	2.81	4.90E-03	0.11	control
miR_135a_5p	2412690	KTI12	-1.85	0.66	-2.81	4.90E-03	0.11	control

let_7d_3p	3381925	PGM2L1	0.37	0.13	2.81	4.90E-03	0.11	control
miR_20a_5p	2820925	RHOBTB3	-0.53	0.19	-2.81	4.90E-03	0.11	control
miR_766_3p	3572235	MLH3	0.92	0.33	2.81	4.90E-03	0.11	case
miR_17_5p	2609870	BRPF1	-0.94	0.33	-2.81	4.90E-03	0.11	case
miR_1275	2360257	IL6R	-0.72	0.26	-2.81	4.90E-03	0.11	case
miR_106a_5p	3428268	GAS2L3	-0.53	0.19	-2.81	4.90E-03	0.11	control
miR_195_5p	2727762	SRD5A3	0.87	0.31	2.81	4.90E-03	0.11	control
miR_29b_2_5p	3770663	GGA3	-1.14	0.41	-2.81	5.00E-03	0.11	case
miR_20b_5p	3444252	CSDA	-0.41	0.14	-2.81	5.00E-03	0.11	control
miR_1275	3806689	HDHD2	0.53	0.19	2.81	5.00E-03	0.11	case
miR_574_3p	3015276	CNPY4	-0.61	0.22	-2.8	5.10E-03	0.11	case
miR_24_2_5p	2528426	DNAJB2	-0.97	0.35	-2.8	5.10E-03	0.11	case
miR_197_3p	3961842	RANGAP1	-1.9	0.68	-2.8	5.10E-03	0.11	case
miR_744_5p	2618598	EIF1B	-0.75	0.27	-2.8	5.10E-03	0.11	control
miR_744_5p	2954678	XPO5	-1.19	0.43	-2.8	5.10E-03	0.11	case
miR_210	3315231	ECHS1	-0.7	0.25	-2.8	5.10E-03	0.11	case
miR_222_3p	2363084	NCSTN	-0.7	0.25	-2.8	5.10E-03	0.11	case
miR_212_3p	3494706	SLAIN1	-0.49	0.17	-2.8	5.10E-03	0.11	control
miR_210	3179975	PHF2	-1.1	0.39	-2.8	5.20E-03	0.11	case
miR_138_5p	3049868	SUN3	0.81	0.29	2.8	5.20E-03	0.11	control
miR_31_3p	3556386	RAB2B	3.57	1.28	2.79	5.20E-03	0.11	case
miR_197_3p	3867538	GYS1	-1.69	0.61	-2.79	5.20E-03	0.11	case
miR_29a_3p	3244488	RASSF4	-0.63	0.23	-2.79	5.20E-03	0.11	case
miR_425_3p	2617579	OXSR1	-0.7	0.25	-2.79	5.30E-03	0.11	control
miR_425_3p	2326448	SH3BGRL3	-0.72	0.26	-2.79	5.30E-03	0.11	control
miR_26b_3p	2989112	ZDHHC4	-1.27	0.45	-2.79	5.30E-03	0.11	control
let_7d_3p	3281068	PIP4K2A	0.34	0.12	2.79	5.30E-03	0.11	control
miR_16_1_3p	3217123	TRIM14	-1.21	0.43	-2.79	5.30E-03	0.11	case
miR_138_5p	2378369	HHAT	-1.93	0.69	-2.79	5.30E-03	0.11	control
miR_511	2865390	EDIL3	1.84	0.66	2.79	5.30E-03	0.11	control
miR_628_3p	3779950	C18orf1	1.3	0.47	2.79	5.30E-03	0.11	control
miR_144_5p	3075566	ZC3HAV1	-0.39	0.14	-2.78	5.40E-03	0.11	case
miR_144_5p	3908831	ZNFX1	-0.29	0.1	-2.78	5.40E-03	0.11	case
miR_422a	2954678	XPO5	-0.91	0.33	-2.78	5.40E-03	0.11	case
miR_942	2906591	APOBEC2	0.87	0.31	2.78	5.40E-03	0.11	case
miR_155_5p	3293963	DNAJB12	-1.37	0.49	-2.78	5.40E-03	0.11	case
miR_210	3712922	C17orf39	-0.55	0.2	-2.78	5.40E-03	0.11	control
miR_106b_5p	3444252	CSDA	-0.43	0.16	-2.78	5.40E-03	0.11	control

miR_144_5p	3414632	DIP2B	-0.39	0.14	-2.78	5.40E-03	0.11	case
miR_212_3p	2759404	GRPEL1	-0.75	0.27	-2.78	5.40E-03	0.11	control
miR_210	4011844	IL2RG	-0.59	0.21	-2.78	5.40E-03	0.11	case
let_7d_3p	4037652	SH3KBP1	0.75	0.27	2.78	5.40E-03	0.11	control
miR_20a_5p	3428268	GAS2L3	-0.48	0.17	-2.78	5.50E-03	0.11	control
miR_210	3833291	PSMC4	-0.67	0.24	-2.78	5.50E-03	0.11	case
miR_720	3848039	C3	-1.98	0.71	-2.78	5.50E-03	0.11	case
miR_197_3p	3759704	MAP3K14	-1.47	0.53	-2.78	5.50E-03	0.11	case
miR_629_5p	2400518	ECE1	-0.63	0.23	-2.78	5.50E-03	0.11	case
miR_183_3p	3683018	RPS15A	-0.38	0.14	-2.77	5.50E-03	0.11	control
miR_1275	3622934	MYEF2	0.46	0.17	2.77	5.60E-03	0.11	case
miR_24_2_5p	3718401	LIG3	-1.06	0.38	-2.77	5.60E-03	0.11	case
miR_152	2610394	TATDN2	-1.02	0.37	-2.77	5.60E-03	0.11	case
miR_210	2910477	FBXO9	-0.41	0.15	-2.77	5.60E-03	0.11	control
miR_664_3p	3128271	NEFL	0.84	0.3	2.77	5.60E-03	0.11	control
miR_454_3p	2693569	ZXDC	-1	0.36	-2.77	5.60E-03	0.11	case
miR_616_3p	2995254	C7orf41	-0.68	0.25	-2.77	5.60E-03	0.11	control
miR_106a_5p	2905432	TBC1D22B	-0.51	0.19	-2.77	5.70E-03	0.11	control
miR_590_5p	3371964	PACSIN3	0.7	0.25	2.77	5.70E-03	0.11	control
miR_182_5p	2482683	RPL23AP32	0.27	0.1	2.77	5.70E-03	0.11	case
miR_106a_5p	3088983	XPO7	-0.51	0.18	-2.76	5.70E-03	0.11	control
miR_197_3p	2440664	B4GALT3	-1.08	0.39	-2.76	5.70E-03	0.11	case
let_7d_3p	3590388	NUSAP1	0.34	0.12	2.76	5.70E-03	0.11	control
miR_328	3884266	NNAT	-1.68	0.61	-2.76	5.70E-03	0.11	control
miR_454_3p	3091301	PTK2B	-0.55	0.2	-2.76	5.80E-03	0.11	case
miR_144_5p	3460127	GNS	-0.33	0.12	-2.76	5.80E-03	0.11	case
miR_766_3p	2499053	LIMS1	0.45	0.16	2.76	5.80E-03	0.11	case
miR_25_5p	3381607	RAB6A	-0.74	0.27	-2.76	5.80E-03	0.11	control
miR_181a_5p	2715634	ADD1	-0.84	0.31	-2.76	5.80E-03	0.11	case
miR_505_5p	3053229	ZNF680	0.62	0.22	2.76	5.80E-03	0.11	case
miR_210	3961023	CBX7	-0.64	0.23	-2.76	5.90E-03	0.11	case
miR_210	3986514	PRPS1	-0.47	0.17	-2.76	5.90E-03	0.11	case
miR_328	2358426	ADAMTSL4	-0.88	0.32	-2.75	5.90E-03	0.11	control
miR_744_5p	2394784	NOL9	-0.86	0.31	-2.75	6.00E-03	0.11	case
miR_18a_3p	2377094	PFKFB2	-0.56	0.2	-2.75	6.00E-03	0.11	control
miR_744_5p	3090053	SLC25A37	-0.66	0.24	-2.75	6.00E-03	0.11	control
miR_144_5p	3456260	ATF7	-0.4	0.15	-2.75	6.00E-03	0.11	case
miR_106a_5p	3980745	FOXO4	-0.58	0.21	-2.74	6.10E-03	0.11	control

miR_432_5p	3795466	RBFA	10.43	3.8	2.74	6.10E-03	0.11	case
miR_210	2948485	DHX16	-0.92	0.34	-2.74	6.10E-03	0.11	case
miR_590_5p	2969350	DDO	0.52	0.19	2.74	6.10E-03	0.11	control
miR_197_3p	2437577	YY1AP1	-1.19	0.43	-2.74	6.10E-03	0.11	case
miR_28_3p	2591988	MSTN	0.67	0.25	2.74	6.10E-03	0.11	control
miR_139_5p	2326448	SH3BGRL3	-0.78	0.29	-2.74	6.10E-03	0.11	control
miR_590_5p	3074640	LUZP6	-0.45	0.17	-2.74	6.20E-03	0.11	control
miR_1275	3131741	RAB11FIP1	-0.64	0.23	-2.74	6.20E-03	0.11	case
miR_574_3p	3014764	CPSF4	-0.71	0.26	-2.74	6.20E-03	0.11	case
miR_18a_3p	3014714	ARPC1B	-1.08	0.39	-2.74	6.20E-03	0.11	control
miR_320a	3192609	GFI1B	-1.25	0.46	-2.74	6.20E-03	0.11	control
miR_103a_3p	2411228	STIL	-0.68	0.25	-2.74	6.20E-03	0.11	control
miR_197_3p	3015276	CNPY4	-1.08	0.39	-2.74	6.20E-03	0.11	case
miR_375	3906709	GTSF1L	-0.77	0.28	-2.73	6.30E-03	0.11	case
miR_1275	3336378	RBM14	-0.74	0.27	-2.73	6.30E-03	0.11	control
let_7b_5p	2604953	ASB18	-0.93	0.34	-2.73	6.30E-03	0.11	control
miR_197_3p	2361731	PRCC	-1.43	0.52	-2.73	6.40E-03	0.11	case
let_7b_5p	2793401	MFAP3L	-0.52	0.19	-2.73	6.40E-03	0.11	control
miR_542_3p	3761274	HOXB1	1.74	0.64	2.73	6.40E-03	0.11	case
miR_301a_3p	2396537	MTOR	-0.61	0.22	-2.73	6.40E-03	0.11	case
miR_744_5p	2370926	NPL	-0.77	0.28	-2.73	6.40E-03	0.11	control
miR_197_3p	2356300	PIAS3	-1.7	0.62	-2.73	6.40E-03	0.11	case
miR_431_5p	3803882	ZSCAN30	1.54	0.56	2.72	6.40E-03	0.11	case
miR_342_3p	2434925	PI4KB	-1.15	0.42	-2.72	6.40E-03	0.11	case
miR_148b_5p	2989050	RAC1	-0.59	0.22	-2.72	6.50E-03	0.11	control
miR_744_5p	3304215	LDB1	-0.99	0.36	-2.72	6.50E-03	0.11	case
miR_339_3p	3304215	LDB1	-0.71	0.26	-2.72	6.50E-03	0.11	case
miR_362_5p	2437577	YY1AP1	-0.68	0.25	-2.72	6.50E-03	0.11	control
miR_197_3p	3822122	NFIX	-1.06	0.39	-2.72	6.50E-03	0.11	case
miR_152	2674179	USP4	-0.71	0.26	-2.72	6.50E-03	0.11	case
miR_125b_5p	3355091	TIRAP	0.96	0.35	2.72	6.50E-03	0.11	control
miR_22_3p	3269328	ZRANB1	-0.5	0.18	-2.72	6.50E-03	0.11	control
miR_1275	3015519	PILRA	-0.46	0.17	-2.72	6.50E-03	0.11	case
miR_221_3p	2591421	TFPI	-0.81	0.3	-2.72	6.60E-03	0.11	control
miR_197_3p	3605832	ZNF592	-1.36	0.5	-2.72	6.60E-03	0.11	case
miR_1227	2914693	SH3BGRL2	0.32	0.12	2.72	6.60E-03	0.11	case
miR_106a_5p	2431112	NOTCH2	-0.63	0.23	-2.71	6.60E-03	0.11	case
miR_150_5p	3410241	FLJ13224	-1.55	0.57	-2.71	6.60E-03	0.11	control

miR_144_5p	3250863	SGPL1	-0.36	0.13	-2.71	6.70E-03	0.11	case
miR_222_3p	3304215	LDB1	-0.58	0.21	-2.71	6.70E-03	0.11	case
miR_20b_5p	2820925	RHOBTB3	-0.52	0.19	-2.71	6.70E-03	0.11	control
miR_199a_5p	2331937	ZNF642	-3.48	1.28	-2.71	6.80E-03	0.11	case
miR_106b_5p	3095719	GOLGA7	-0.81	0.3	-2.71	6.80E-03	0.11	control
miR_193a_5p	3934263	LOC284837	-0.93	0.34	-2.71	6.80E-03	0.11	case
miR_1260a	2340433	LEPR	-0.54	0.2	-2.71	6.80E-03	0.11	control
miR_148a_3p	2333051	TIE1	1.06	0.39	2.7	6.80E-03	0.11	control
miR_126_3p	3029030	CASP2	-1.02	0.38	-2.7	6.90E-03	0.11	case
miR_24_2_5p	2351063	CSF1	-1.2	0.44	-2.7	6.90E-03	0.11	case
miR_1275	3096545	SGK196	-0.69	0.26	-2.7	6.90E-03	0.11	control
let_7d_3p	3212143	UBQLN1	0.48	0.18	2.7	6.90E-03	0.11	control
miR_301a_3p	2675628	VPRBP	-0.61	0.23	-2.7	6.90E-03	0.11	case
miR_590_5p	2356721	CHD1L	-0.36	0.13	-2.7	6.90E-03	0.11	control
miR_451a	3051907	PHKG1	1.66	0.62	2.7	7.00E-03	0.11	control
miR_106a_5p	2450345	KIF14	-0.67	0.25	-2.7	7.00E-03	0.11	control
miR_155_5p	2361731	PRCC	-1.03	0.38	-2.69	7.00E-03	0.11	case
miR_532_3p	2407439	SF3A3	-1.04	0.38	-2.69	7.00E-03	0.11	control
miR_1275	2676671	TKT	-0.59	0.22	-2.69	7.00E-03	0.11	case
miR_197_3p	3853942	CHERP	-1.98	0.74	-2.69	7.10E-03	0.11	case
miR_222_3p	3682445	XYLT1	-0.8	0.3	-2.69	7.10E-03	0.11	case
miR_1275	3061651	BET1	0.44	0.16	2.69	7.10E-03	0.11	case
miR_885_5p	3815566	STK11	-0.82	0.31	-2.69	7.10E-03	0.12	case
miR_520f	3888613	CEBPB	-0.8	0.3	-2.69	7.10E-03	0.12	control
miR_671_3p	3749767	TMEM11	-1.11	0.41	-2.69	7.10E-03	0.12	control
miR_221_3p	2836738	LARP1	-0.7	0.26	-2.69	7.20E-03	0.12	case
miR_152	2396537	MTOR	-0.84	0.31	-2.69	7.20E-03	0.12	case
miR_301a_3p	3598959	SMAD3	-0.73	0.27	-2.69	7.20E-03	0.12	case
miR_301a_3p	2436754	ADAR	-0.47	0.18	-2.69	7.20E-03	0.12	case
miR_181a_5p	2591421	TFPI	-0.75	0.28	-2.69	7.20E-03	0.12	control
miR_151a_5p	3683018	RPS15A	-0.37	0.14	-2.69	7.20E-03	0.12	control
miR_197_3p	3168136	RGP1	-1.13	0.42	-2.69	7.20E-03	0.12	case
let_7d_3p	3018375	PRKAR2B	0.25	0.09	2.69	7.20E-03	0.12	control
miR_210	3820663	ILF3	-0.62	0.23	-2.68	7.30E-03	0.12	case
miR_197_3p	3976124	CDK16	-1.34	0.5	-2.68	7.30E-03	0.12	case
miR_106b_5p	2591421	TFPI	-0.68	0.25	-2.68	7.40E-03	0.12	control
miR_125a_5p	3107234	C8orf39	-0.6	0.22	-2.68	7.40E-03	0.12	control
miR_106b_5p	2588827	NFE2L2	-0.67	0.25	-2.68	7.40E-03	0.12	control

miR_29b_2_5p	3151534	ATAD2	-0.72	0.27	-2.68	7.40E-03	0.12	control
miR_196b_5p	2730673	MOBK1A	-0.52	0.19	-2.68	7.40E-03	0.12	control
miR_425_3p	3384270	PRCP	-0.8	0.3	-2.68	7.50E-03	0.12	control
miR_7_5p	3372253	CELF1	-0.55	0.2	-2.67	7.50E-03	0.12	case
miR_15b_3p	2611848	SLC6A6	-0.52	0.19	-2.67	7.50E-03	0.12	control
miR_502_5p	3713794	EPN2	-1.77	0.66	-2.67	7.50E-03	0.12	control
miR_1275	2905664	ZFAND3	-0.87	0.32	-2.67	7.50E-03	0.12	case
miR_93_5p	3936887	MRPL40	0.77	0.29	2.67	7.50E-03	0.12	control
miR_370	2682271	PROK2	-0.47	0.18	-2.67	7.60E-03	0.12	control
miR_629_5p	3822657	CD97	-0.75	0.28	-2.67	7.60E-03	0.12	case
miR_148a_3p	2579439	GTDC1	-0.51	0.19	-2.67	7.60E-03	0.12	control
miR_505_5p	3221543	CDC26	0.51	0.19	2.67	7.60E-03	0.12	case
miR_24_2_5p	3962494	POLDIP3	-0.84	0.32	-2.67	7.70E-03	0.12	case
miR_30c_5p	2989050	RAC1	-1.07	0.4	-2.67	7.70E-03	0.12	control
miR_328	2407439	SF3A3	-1.17	0.44	-2.67	7.70E-03	0.12	control
miR_29c_5p	2509900	KIF5C	1.25	0.47	2.67	7.70E-03	0.12	control
miR_181a_5p	2708922	IGF2BP2	-0.41	0.15	-2.67	7.70E-03	0.12	control
miR_454_3p	2564816	ANKRD36B	-0.29	0.11	-2.66	7.70E-03	0.12	control
miR_339_5p	2407439	SF3A3	-1.02	0.38	-2.66	7.70E-03	0.12	control
miR_210	2347132	FNBP1L	-0.42	0.16	-2.66	7.70E-03	0.12	control
miR_532_5p	3732230	PITPNC1	-0.66	0.25	-2.66	7.70E-03	0.12	case
miR_432_5p	3831168	CAPNS1	5.29	1.99	2.66	7.70E-03	0.12	control
miR_183_5p	3379644	CPT1A	0.72	0.27	2.66	7.80E-03	0.12	control
miR_103a_3p	2732942	BMP2K	-0.74	0.28	-2.66	7.80E-03	0.12	control
miR_103a_3p	3015395	PVRIG	0.59	0.22	2.66	7.80E-03	0.12	control
miR_17_5p	3029030	CASP2	-1.01	0.38	-2.66	7.80E-03	0.12	case
miR_20b_5p	2363084	NCSTN	-0.71	0.27	-2.66	7.80E-03	0.12	case
miR_20b_5p	2318637	VAMP3	-0.79	0.3	-2.66	7.90E-03	0.12	control
miR_132_3p	3818515	TRIP10	1.36	0.51	2.66	7.90E-03	0.12	control
miR_106a_5p	2910477	FBXO9	-0.45	0.17	-2.66	7.90E-03	0.12	control
miR_1275	3937130	C22orf25	-0.69	0.26	-2.66	7.90E-03	0.12	case
miR_18a_3p	3944690	CYTH4	-0.65	0.25	-2.66	7.90E-03	0.12	control
miR_210	3829751	PDCD2L	-0.92	0.35	-2.65	7.90E-03	0.12	case
miR_197_3p	3063685	MCM7	-1.21	0.46	-2.65	8.00E-03	0.12	case
miR_18a_3p	3130823	C8orf41	-0.75	0.28	-2.65	8.00E-03	0.12	control
miR_17_5p	2495446	INPP4A	-0.8	0.3	-2.65	8.10E-03	0.12	case
miR_210	3029030	CASP2	-0.95	0.36	-2.65	8.10E-03	0.12	case
miR_1255b_5p	3964299	LOC100128818	-0.86	0.32	-2.65	8.10E-03	0.12	case

miR_20b_5p	2447454	ARPC5	-1.42	0.53	-2.65	8.10E-03	0.12	control
miR_18a_3p	2948425	PPP1R10	-1.06	0.4	-2.65	8.10E-03	0.12	control
miR_7_5p	3737274	RNF213	-0.31	0.12	-2.65	8.10E-03	0.12	case
miR_625_3p	3957873	EIF4ENIF1	0.79	0.3	2.65	8.10E-03	0.12	control
miR_1275	2845078	TRIM52	0.45	0.17	2.65	8.10E-03	0.12	case
miR_1275	3815278	ARID3A	-1.03	0.39	-2.65	8.10E-03	0.12	case
miR_152	2948425	PPP1R10	-1.03	0.39	-2.65	8.10E-03	0.12	case
miR_20a_5p	2363084	NCSTN	-0.66	0.25	-2.65	8.10E-03	0.12	case
miR_106a_5p	2609870	BRPF1	-0.81	0.31	-2.65	8.10E-03	0.12	case
miR_422a	3909553	NFATC2	-0.51	0.19	-2.65	8.10E-03	0.12	case
miR_425_3p	3033209	INSIG1	-0.96	0.36	-2.65	8.20E-03	0.12	control
miR_1270	4017281	NUP62CL	0.84	0.32	2.65	8.20E-03	0.12	case
miR_454_3p	2948425	PPP1R10	-0.71	0.27	-2.64	8.20E-03	0.12	case
let_7d_3p	3908786	STAU1	0.44	0.17	2.64	8.20E-03	0.12	control
miR_210	2610394	TATDN2	-0.74	0.28	-2.64	8.20E-03	0.12	case
miR_671_3p	2954818	MRPS18A	-1.09	0.41	-2.64	8.30E-03	0.12	control
miR_15b_3p	2319802	PGD	-0.5	0.19	-2.64	8.30E-03	0.12	control
miR_24_2_5p	3154398	ST3GAL1	-0.73	0.28	-2.64	8.30E-03	0.12	case
miR_17_5p	2954025	TRERF1	-1.31	0.49	-2.64	8.30E-03	0.12	case
miR_301a_3p	3075778	HIPK2	-0.63	0.24	-2.64	8.30E-03	0.12	case
miR_1275	3474885	CAMKK2	-0.62	0.23	-2.64	8.30E-03	0.12	case
miR_148a_3p	2465628	ZNF496	0.8	0.3	2.64	8.30E-03	0.12	control
miR_103a_3p	2730673	MOBK1A	-0.52	0.2	-2.64	8.30E-03	0.12	control
miR_505_5p	3362795	RNF141	0.55	0.21	2.64	8.30E-03	0.12	case
miR_194_5p	3484497	FRY	-0.91	0.34	-2.64	8.40E-03	0.12	case
miR_1275	2655476	AP2M1	-0.45	0.17	-2.64	8.40E-03	0.12	case
miR_17_5p	3375340	CPSF7	-0.76	0.29	-2.64	8.40E-03	0.12	case
miR_148a_3p	2620256	KIF15	-0.44	0.17	-2.64	8.40E-03	0.12	control
miR_193a_5p	3444436	TAS2R14	0.35	0.13	2.64	8.40E-03	0.12	case
miR_19a_3p	3318115	OR52K2	-0.65	0.25	-2.64	8.40E-03	0.12	control
miR_15b_3p	3892452	LSM14B	0.49	0.18	2.63	8.40E-03	0.12	case
miR_589_5p	2880051	PPP2R2B	-1.42	0.54	-2.63	8.40E-03	0.12	case
miR_181a_5p	2327283	C1orf38	-0.77	0.29	-2.63	8.40E-03	0.12	case
miR_125a_5p	2553576	RTN4	-1.3	0.49	-2.63	8.40E-03	0.12	control
miR_1275	2403446	PTAFR	-0.44	0.17	-2.63	8.50E-03	0.12	case
miR_24_2_5p	3816264	DOT1L	-1.26	0.48	-2.63	8.50E-03	0.12	case
miR_106b_5p	3428268	GAS2L3	-0.5	0.19	-2.63	8.50E-03	0.12	control
miR_22_5p	2946681	HIST1H2BJ	-0.62	0.23	-2.63	8.50E-03	0.12	control

miR_17_5p	2326640	ARID1A	-0.88	0.34	-2.63	8.50E-03	0.12	case
miR_197_3p	3558145	CIDEB	-0.94	0.36	-2.63	8.50E-03	0.12	case
miR_941	3761714	GNGT2	-0.84	0.32	-2.63	8.60E-03	0.12	case
miR_642a_5p	2690850	TMEM39A	-1.32	0.5	-2.63	8.60E-03	0.12	control
miR_197_3p	3071700	IMPDH1	-1.47	0.56	-2.63	8.60E-03	0.12	control
miR_590_5p	2588827	NFE2L2	-0.31	0.12	-2.63	8.70E-03	0.12	control
miR_1255b_5p	4017281	NUP62CL	0.63	0.24	2.62	8.70E-03	0.12	case
miR_766_3p	3589410	C15orf54	0.32	0.12	2.62	8.70E-03	0.12	case
miR_192_5p	2353988	FAM46C	-0.69	0.26	-2.62	8.70E-03	0.12	control
miR_24_2_5p	3976848	HDAC6	-1.57	0.6	-2.62	8.70E-03	0.12	case
miR_93_5p	2363084	NCSTN	-0.78	0.3	-2.62	8.70E-03	0.12	case
miR_1275	3874584		0.32	0.12	2.62	8.80E-03	0.12	case
miR_1275	3841545	LILRA1	-0.53	0.2	-2.62	8.80E-03	0.12	case
miR_144_5p	3617312	SLC12A6	-0.51	0.19	-2.62	8.80E-03	0.12	case
miR_197_3p	2829171	TCF7	-1.04	0.4	-2.62	8.90E-03	0.12	case
miR_224_5p	2498143	NCK2	-1.44	0.55	-2.62	8.90E-03	0.12	case
miR_197_3p	2475678	LBH	-0.92	0.35	-2.61	8.90E-03	0.12	case
miR_150_5p	2407439	SF3A3	-1.32	0.51	-2.61	8.90E-03	0.12	control
miR_24_2_5p	3742460	CAMTA2	-0.89	0.34	-2.61	9.00E-03	0.12	case
miR_193b_3p	3498476	LOC100132099	-0.59	0.23	-2.61	9.00E-03	0.12	control
miR_766_3p	3281762	ENKUR	0.31	0.12	2.61	9.00E-03	0.12	case
miR_16_1_3p	2485688	CEP68	-1.49	0.57	-2.61	9.10E-03	0.12	case
miR_16_1_3p	2717757	C4orf23	-1	0.38	-2.61	9.10E-03	0.12	case
miR_144_5p	3739679	VPS53	-0.31	0.12	-2.61	9.10E-03	0.12	case
let_7b_5p	3772719	LGALS3BP	-0.74	0.28	-2.61	9.10E-03	0.12	case
miR_17_5p	2359817	INTS3	-0.61	0.23	-2.61	9.10E-03	0.12	case
miR_744_5p	2394841	DNAJC11	-0.91	0.35	-2.61	9.10E-03	0.12	case
miR_197_3p	4007815	GPKOW	-1.58	0.61	-2.61	9.20E-03	0.12	case
miR_340_5p	3735089	LOC643008	1.8	0.69	2.61	9.20E-03	0.12	case
miR_18a_3p	3375091	SLC15A3	-0.88	0.34	-2.6	9.20E-03	0.12	control
miR_26a_5p	2440476	F11R	-1	0.39	-2.6	9.20E-03	0.12	control
miR_181a_5p	3957224	TBC1D10A	1.32	0.51	2.6	9.30E-03	0.12	control
miR_744_5p	3724360	GOSR2	-0.82	0.31	-2.6	9.30E-03	0.12	case
miR_181a_5p	2400518	ECE1	-0.55	0.21	-2.6	9.30E-03	0.12	case
miR_422a	3853299	AKAP8	-0.96	0.37	-2.6	9.30E-03	0.12	case
miR_193a_5p	2887048	STK10	-0.74	0.28	-2.6	9.30E-03	0.12	case
miR_301a_3p	2878662	DIAPH1	-0.54	0.21	-2.6	9.30E-03	0.12	case
miR_24_3p	2963784	AKIRIN2	-1.47	0.57	-2.6	9.30E-03	0.12	control

miR_132_3p	3914786	ABCC13	-0.63	0.24	-2.6	9.40E-03	0.12	control
let_7c	2674138	CCDC71	0.97	0.37	2.6	9.40E-03	0.12	control
miR_210	3281068	PIP4K2A	-0.45	0.17	-2.6	9.40E-03	0.12	control
miR_197_3p	3608220	CRTC3	-1.17	0.45	-2.59	9.50E-03	0.12	case
miR_26a_1_3p	2329041	KIAA1522	-1.53	0.59	-2.59	9.50E-03	0.12	control
miR_139_3p	3200982	MLLT3	-0.61	0.24	-2.59	9.50E-03	0.12	control
miR_224_5p	2636483	SIDT1	-0.93	0.36	-2.59	9.50E-03	0.12	case
miR_495	2739468	ENPEP	1.45	0.56	2.59	9.50E-03	0.12	case
miR_197_3p	3243078	ZNF33A	0.54	0.21	2.59	9.50E-03	0.12	case
miR_197_3p	3654859	ATXN2L	-1.74	0.67	-2.59	9.50E-03	0.12	case
miR_1227	4037708	ND6	0.88	0.34	2.59	9.50E-03	0.12	case
miR_210	3235726	OPTN	-0.32	0.13	-2.59	9.60E-03	0.12	control
miR_148a_3p	3464912	POC1B	-0.29	0.11	-2.59	9.60E-03	0.12	control
miR_378a_5p	3231186	C9orf37	-0.84	0.33	-2.59	9.60E-03	0.12	case
miR_210	3730784	TACO1	-0.65	0.25	-2.59	9.60E-03	0.12	case
miR_19a_3p	2353988	FAM46C	-0.56	0.22	-2.59	9.60E-03	0.12	control
miR_210	3868283	VRK3	-0.71	0.27	-2.59	9.60E-03	0.12	case
miR_454_3p	3942179	MTMR3	-0.49	0.19	-2.59	9.70E-03	0.12	case
let_7d_5p	3182984	NIPSNAP3B	0.61	0.23	2.59	9.70E-03	0.12	case
miR_29b_2_5p	3756193	TOP2A	-0.87	0.34	-2.59	9.70E-03	0.12	control
miR_210	3458783	CDK4	-0.56	0.22	-2.59	9.70E-03	0.12	case
miR_196b_5p	3026599	TRIM24	-0.81	0.31	-2.59	9.70E-03	0.12	control
miR_301a_3p	3113894	ZHX2	-0.58	0.23	-2.59	9.70E-03	0.12	case
miR_197_3p	4011989	CXCR3	-1.23	0.48	-2.59	9.70E-03	0.12	case
miR_339_3p	3090053	SLC25A37	-0.42	0.16	-2.58	9.70E-03	0.12	control
miR_17_5p	2693569	ZXDC	-1.18	0.45	-2.58	9.70E-03	0.12	case
miR_500a_5p	2951730	SLC26A8	-0.84	0.32	-2.58	9.80E-03	0.12	control
miR_590_5p	2732942	BMP2K	-0.32	0.12	-2.58	9.80E-03	0.12	control
miR_106b_5p	2318637	VAMP3	-0.88	0.34	-2.58	9.80E-03	0.12	control
miR_432_5p	3381817	UCP2	5.11	1.98	2.58	9.80E-03	0.12	control
miR_197_3p	2715634	ADD1	-1.06	0.41	-2.58	9.80E-03	0.12	case
miR_766_3p	2664452	ANKRD28	0.59	0.23	2.58	9.80E-03	0.12	case
let_7b_5p	3861617	HNRNPL	-0.5	0.19	-2.58	9.80E-03	0.12	case
miR_193b_3p	3727928	NOG	-0.47	0.18	-2.58	9.80E-03	0.12	control
let_7d_5p	2485406	HSPC159	-0.44	0.17	-2.58	9.90E-03	0.12	control
miR_301a_3p	2802398	TRIO	-0.75	0.29	-2.58	9.90E-03	0.12	case
miR_106a_5p	2400518	ECE1	-0.45	0.18	-2.58	9.90E-03	0.12	case
miR_144_5p	4001556	PHKA2	-0.44	0.17	-2.58	9.90E-03	0.12	case

miR_330_3p	3036985	RNF216	-1.19	0.46	-2.58	9.90E-03	0.12	case
miR_193a_5p	2879028	GNPDA1	-1.07	0.42	-2.58	9.90E-03	0.12	case
miR_106a_5p	2447454	ARPC5	-1.4	0.54	-2.58	9.90E-03	0.12	control
miR_301a_3p	3029030	CASP2	-0.87	0.34	-2.58	1.00E-02	0.12	case
miR_148b_5p	2719617	BST1	-0.75	0.29	-2.58	1.00E-02	0.12	control
miR_197_3p	2621583	ZNF589	-0.91	0.35	-2.58	1.00E-02	0.12	case
miR_197_3p	3190463	ODF2	-1.11	0.43	-2.58	1.00E-02	0.12	case
miR_152	2893562	RREB1	-1.27	0.49	-2.58	1.00E-02	0.12	case
miR_20b_5p	2963784	AKIRIN2	-0.83	0.32	-2.58	1.00E-02	0.12	control
miR_17_5p	2587618	OLA1	-0.76	0.29	-2.58	1.00E-02	0.12	control
miR_454_5p	2505957	PLEKHB2	-0.84	0.32	-2.57	1.00E-02	0.12	control
miR_744_5p	2458082	WDR26	-0.9	0.35	-2.57	1.00E-02	0.12	control
miR_210	2954678	XPO5	-0.7	0.27	-2.57	1.00E-02	0.12	case
let_7d_3p	3784509	ZNF271	0.34	0.13	2.57	1.00E-02	0.12	control
miR_766_3p	3812385	CD226	0.44	0.17	2.57	1.00E-02	0.12	case
miR_629_3p	3598430	SLC24A1	2.03	0.79	2.57	1.00E-02	0.12	control
miR_1275	3727962	DGKE	0.54	0.21	2.57	1.00E-02	0.12	case
miR_148b_5p	3442854	SLC2A3	-0.69	0.27	-2.57	1.00E-02	0.12	control
miR_128	2435989	S100A8	-1.36	0.53	-2.57	1.00E-02	0.12	control
miR_629_5p	3908831	ZNF1	-0.64	0.25	-2.57	1.00E-02	0.12	case
miR_590_5p	2496628	C2orf29	-0.5	0.19	-2.57	1.00E-02	0.12	control
miR_370	3378411	RBM4B	0.55	0.21	2.57	1.00E-02	0.12	control
miR_16_1_3p	2806376	SPEF2	-1.27	0.5	-2.57	1.00E-02	0.12	control
miR_324_3p	2609960	TTLL3	-1.29	0.5	-2.57	1.00E-02	0.12	case
miR_222_3p	3053691	GUSB	-0.51	0.2	-2.57	1.00E-02	0.12	case
let_7c	2793401	MFAP3L	-0.52	0.2	-2.57	1.00E-02	0.12	control
miR_197_3p	3923354	AGPAT3	-1.29	0.5	-2.57	1.00E-02	0.12	case
miR_155_5p	3156193	EIF2C2	-0.81	0.32	-2.57	1.00E-02	0.12	case
miR_574_3p	3743440	DVL2	-0.82	0.32	-2.56	1.00E-02	0.12	case
miR_93_5p	2431112	NOTCH2	-0.65	0.25	-2.56	1.00E-02	0.12	case
miR_222_3p	2887048	STK10	-0.5	0.19	-2.56	1.00E-02	0.12	case
miR_197_3p	3191695	EXOSC2	-0.81	0.32	-2.56	1.00E-02	0.12	case
let_7d_3p	3563922	MAP4K5	0.31	0.12	2.56	1.00E-02	0.12	control
miR_210	3056414	RFC2	-0.6	0.24	-2.56	1.00E-02	0.12	case
miR_1275	3677516	MEFV	-0.56	0.22	-2.56	1.00E-02	0.12	case
miR_106b_5p	2971801	MAN1A1	-0.57	0.22	-2.56	1.00E-02	0.12	control
miR_7_5p	3058944	HGF	-0.18	0.07	-2.56	1.00E-02	0.12	control
miR_155_5p	2715634	ADD1	-0.76	0.3	-2.56	1.00E-02	0.12	case

miR_93_5p	2326640	ARID1A	-0.94	0.37	-2.56	1.00E-02	0.12	case
miR_331_5p	3318443	TRIM22	-4.54	1.77	-2.56	1.00E-02	0.12	case
miR_144_5p	3825713	GATAD2A	-0.47	0.18	-2.56	1.00E-02	0.12	case
miR_221_3p	3192609	GFI1B	-0.87	0.34	-2.56	1.10E-02	0.12	control
miR_148b_5p	3659858	TMEM188	-0.54	0.21	-2.56	1.10E-02	0.12	control
let_7d_3p	3597338	TPM1	0.38	0.15	2.56	1.10E-02	0.12	control
miR_210	3373724	SSRP1	-0.53	0.21	-2.56	1.10E-02	0.12	case
miR_590_5p	3607537	FANCI	-0.42	0.16	-2.56	1.10E-02	0.12	control
miR_1275	3834405	CEACAM3	-0.65	0.26	-2.56	1.10E-02	0.12	case
miR_210	2774365	CCNI	-0.58	0.23	-2.56	1.10E-02	0.12	control
let_7d_3p	3322251	NUCB2	0.26	0.1	2.55	1.10E-02	0.12	control
miR_330_3p	3030448	ZNF398	-1.41	0.55	-2.55	1.10E-02	0.12	case
miR_20b_5p	2347132	FNBP1L	-0.41	0.16	-2.55	1.10E-02	0.12	control
let_7d_5p	3843848	ZNF544	1	0.39	2.55	1.10E-02	0.12	control
miR_148a_3p	3914786	ABCC13	-0.38	0.15	-2.55	1.10E-02	0.12	control
let_7d_3p	3214749	NOL8	0.37	0.14	2.55	1.10E-02	0.12	control
miR_1275	2474977	FOSL2	-0.89	0.35	-2.55	1.10E-02	0.12	case
let_7d_3p	4027769	CLIC2	0.23	0.09	2.55	1.10E-02	0.12	control
miR_144_5p	3336696	KDM2A	-0.38	0.15	-2.55	1.10E-02	0.12	case
miR_24_2_5p	3336378	RBM14	-0.73	0.29	-2.55	1.10E-02	0.12	case
let_7e_5p	3840142	ZNF480	0.48	0.19	2.55	1.10E-02	0.12	case
miR_20b_5p	2971801	MAN1A1	-0.5	0.2	-2.55	1.10E-02	0.12	control
miR_590_5p	2320392	C1orf187	0.44	0.17	2.55	1.10E-02	0.12	control
miR_193a_5p	2326640	ARID1A	-1.03	0.4	-2.55	1.10E-02	0.12	case
miR_1275	3487220	AKAP11	0.48	0.19	2.55	1.10E-02	0.12	case
miR_144_5p	3442205	ZNF384	-0.43	0.17	-2.54	1.10E-02	0.12	case
miR_93_5p	2820925	RHOBTB3	-0.53	0.21	-2.54	1.10E-02	0.12	control
miR_324_5p	2945518	GPLD1	1.55	0.61	2.54	1.10E-02	0.12	case
miR_106b_5p	2945645	TDP2	-0.53	0.21	-2.54	1.10E-02	0.12	control
miR_24_3p	2779992	UBE2D3	-1.72	0.68	-2.54	1.10E-02	0.12	control
miR_20b_5p	2588827	NFE2L2	-0.59	0.23	-2.54	1.10E-02	0.12	control
miR_106b_5p	3074640	LUZP6	-0.92	0.36	-2.54	1.10E-02	0.12	control
miR_126_5p	3061484	HEPACAM2	-0.42	0.16	-2.54	1.10E-02	0.12	control
miR_502_5p	2826343	SNX24	0.84	0.33	2.54	1.10E-02	0.12	control
miR_197_3p	3686587	CCDC101	-1.11	0.44	-2.54	1.10E-02	0.12	case
miR_222_3p	2374982	RNPEP	-0.53	0.21	-2.54	1.10E-02	0.12	case
miR_24_2_5p	3739162	TBCD	-1.23	0.48	-2.54	1.10E-02	0.12	case
miR_210	3728097	AKAP1	-0.62	0.25	-2.54	1.10E-02	0.12	case

miR_29b_2_5p	3722152	PSME3	-0.75	0.3	-2.54	1.10E-02	0.12	case
let_7e_5p	3281762	ENKUR	0.27	0.11	2.54	1.10E-02	0.12	case
miR_144_5p	3737274	RNF213	-0.26	0.1	-2.54	1.10E-02	0.12	case
miR_210	3375862	MTA2	-0.49	0.19	-2.53	1.10E-02	0.12	case
miR_210	3433796	PEBP1	-0.55	0.22	-2.53	1.10E-02	0.12	case
miR_152	2618598	EIF1B	-0.5	0.2	-2.53	1.10E-02	0.12	control
miR_590_5p	2488596	EMX1	0.51	0.2	2.53	1.10E-02	0.12	control
miR_1248	3866898	LIG1	-2.76	1.09	-2.53	1.10E-02	0.12	control
miR_590_5p	2400322	HP1BP3	-0.34	0.13	-2.53	1.10E-02	0.12	control
let_7d_5p	3936887	MRPL40	0.84	0.33	2.53	1.10E-02	0.12	control
miR_885_5p	3819076	RETN	-0.77	0.31	-2.53	1.10E-02	0.12	case
let_7b_5p	3192609	GFI1B	-0.64	0.25	-2.53	1.10E-02	0.12	control
miR_190a	2957462	GSTA4	-1.48	0.58	-2.53	1.10E-02	0.12	control
miR_20a_5p	2450345	KIF14	-0.54	0.21	-2.53	1.10E-02	0.12	control
let_7d_3p	2592532	SDPR	0.41	0.16	2.53	1.10E-02	0.12	control
miR_532_5p	3090053	SLC25A37	-0.43	0.17	-2.53	1.10E-02	0.12	control
miR_454_3p	3608220	CRTC3	-0.52	0.2	-2.53	1.10E-02	0.12	case
miR_144_5p	3473083	MED13L	-0.44	0.17	-2.53	1.10E-02	0.12	case
miR_19a_3p	2726323	SLAIN2	-0.7	0.28	-2.53	1.10E-02	0.12	control
miR_93_5p	2793401	MFAP3L	-0.58	0.23	-2.53	1.10E-02	0.12	control
miR_17_5p	2910477	FBXO9	-0.42	0.17	-2.53	1.20E-02	0.12	control
miR_144_5p	3741997	ANKFY1	-0.38	0.15	-2.53	1.20E-02	0.12	case
miR_671_3p	3085403	MSRA	-1.23	0.49	-2.53	1.20E-02	0.12	control
miR_193b_3p	3107234	C8orf39	-0.59	0.23	-2.53	1.20E-02	0.12	control
miR_181a_5p	2836738	LARP1	-0.68	0.27	-2.53	1.20E-02	0.12	case
miR_301a_3p	2612175	NR2C2	-0.65	0.26	-2.52	1.20E-02	0.12	case
miR_301a_3p	2495446	INPP4A	-0.65	0.26	-2.52	1.20E-02	0.12	case
miR_301a_3p	3217123	TRIM14	-0.84	0.33	-2.52	1.20E-02	0.12	case
miR_221_3p	2411228	STIL	-0.58	0.23	-2.52	1.20E-02	0.12	control
miR_210	3825713	GATAD2A	-0.71	0.28	-2.52	1.20E-02	0.12	case
miR_152	2545750	EIF2B4	-0.97	0.38	-2.52	1.20E-02	0.12	case
miR_15b_3p	3014714	ARPC1B	-0.71	0.28	-2.52	1.20E-02	0.12	control
miR_330_3p	2327338	XKR8	-1.15	0.46	-2.52	1.20E-02	0.12	control
let_7d_3p	2499053	LIMS1	0.25	0.1	2.52	1.20E-02	0.12	control
miR_1248	3756319	CCR7	-0.75	0.3	-2.52	1.20E-02	0.12	control
miR_1275	3226661	ZER1	-0.47	0.19	-2.52	1.20E-02	0.12	case
miR_103a_3p	2726323	SLAIN2	-0.82	0.33	-2.52	1.20E-02	0.12	control
let_7b_5p	2403111	WASF2	-0.4	0.16	-2.52	1.20E-02	0.12	case

miR_210	3717737	PSMD11	-0.62	0.24	-2.52	1.20E-02	0.12	case
miR_20a_5p	2411228	STIL	-0.46	0.18	-2.52	1.20E-02	0.12	control
miR_431_5p	2407755	GJA9	1.5	0.6	2.52	1.20E-02	0.12	case
miR_193b_3p	2500275	BCL2L11	-0.98	0.39	-2.52	1.20E-02	0.12	control
let_7c	3914786	ABCC13	-0.49	0.19	-2.51	1.20E-02	0.12	control
miR_106a_5p	2793401	MFAP3L	-0.51	0.2	-2.51	1.20E-02	0.12	control
miR_331_3p	2407439	SF3A3	-0.91	0.36	-2.51	1.20E-02	0.12	control
miR_197_3p	3190778	LRRC8A	-1.37	0.54	-2.51	1.20E-02	0.12	case
miR_301a_3p	3837001	GRLF1	-0.57	0.23	-2.51	1.20E-02	0.12	case
miR_17_5p	2609960	TTL3	-0.89	0.36	-2.51	1.20E-02	0.12	case
miR_210	4021469	AIFM1	-0.58	0.23	-2.51	1.20E-02	0.12	case
miR_106a_5p	3605832	ZNF592	-0.73	0.29	-2.51	1.20E-02	0.12	case
miR_532_5p	2910477	FBXO9	-0.46	0.18	-2.51	1.20E-02	0.12	control
miR_197_3p	3864597	C19orf61	-1.04	0.41	-2.51	1.20E-02	0.12	case
miR_17_5p	2375706	ATP2B4	-0.48	0.19	-2.51	1.20E-02	0.12	case
miR_20a_5p	2730673	MOBK1A	-0.35	0.14	-2.51	1.20E-02	0.12	control
miR_590_5p	2426840	WDR47	-0.37	0.15	-2.51	1.20E-02	0.12	control
miR_148a_3p	3092663	WRN	-0.38	0.15	-2.51	1.20E-02	0.12	control
miR_1275	3697563	FTSJD1	0.77	0.31	2.51	1.20E-02	0.12	case
miR_941	2528308	ZFAND2B	-1.3	0.52	-2.51	1.20E-02	0.12	control
miR_18a_3p	3772661	TIMP2	-0.68	0.27	-2.51	1.20E-02	0.12	control
miR_340_5p	3815014	BSG	0.57	0.23	2.51	1.20E-02	0.12	case
miR_210	3697015	AARS	-0.59	0.24	-2.51	1.20E-02	0.12	case
miR_210	3771336	EXOC7	-0.55	0.22	-2.51	1.20E-02	0.12	case
miR_301a_3p	2544662	DNMT3A	-0.87	0.35	-2.5	1.20E-02	0.12	case
miR_197_3p	3933331	C2CD2	-1.33	0.53	-2.5	1.20E-02	0.12	case
miR_301a_3p	2609870	BRPF1	-0.73	0.29	-2.5	1.20E-02	0.12	case
miR_532_5p	2652801	NLGN1	0.96	0.38	2.5	1.20E-02	0.12	case
miR_125a_5p	3571436	HEATR4	-1.39	0.56	-2.5	1.20E-02	0.12	case
miR_193b_3p	3979101	FAAH2	-0.73	0.29	-2.5	1.20E-02	0.12	control
miR_143_3p	3519540		3.17	1.27	2.5	1.20E-02	0.12	case
miR_210	2353988	FAM46C	-0.47	0.19	-2.5	1.20E-02	0.12	control
miR_27a_5p	3712363	MPRIP	-0.51	0.2	-2.5	1.20E-02	0.12	case
miR_628_3p	3830246	LSR	1.16	0.47	2.5	1.20E-02	0.12	control
miR_375	2852742	AMACR	-1.51	0.6	-2.5	1.20E-02	0.12	control
miR_210	3724360	GOSR2	-0.57	0.23	-2.5	1.20E-02	0.12	case
miR_454_3p	2396537	MTOR	-0.5	0.2	-2.5	1.30E-02	0.12	case
miR_20b_5p	2400518	ECE1	-0.43	0.17	-2.5	1.30E-02	0.12	case

miR_454_3p	3741997	ANKFY1	-0.52	0.21	-2.5	1.30E-02	0.12	case
miR_144_5p	3907830	ELMO2	-0.32	0.13	-2.5	1.30E-02	0.12	case
miR_144_5p	3730806	MAP3K3	-0.38	0.15	-2.5	1.30E-02	0.12	case
miR_142_3p	2742109	FGF2	0.58	0.23	2.5	1.30E-02	0.12	case
miR_1254	4016485	RAB40A	0.71	0.28	2.5	1.30E-02	0.12	case
miR_199a_5p	3362159	NRIP3	3.59	1.44	2.5	1.30E-02	0.12	case
miR_222_3p	2356300	PIAS3	-0.79	0.32	-2.5	1.30E-02	0.12	case
miR_210	3352503	ARHGEF12	-0.27	0.11	-2.49	1.30E-02	0.12	control
miR_106a_5p	3029030	CASP2	-0.93	0.37	-2.49	1.30E-02	0.12	case
miR_93_5p	2411228	STIL	-0.51	0.2	-2.49	1.30E-02	0.12	control
miR_24_2_5p	3851651	TNPO2	-1.3	0.52	-2.49	1.30E-02	0.12	case
miR_126_3p	2394841	DNAJC11	-0.59	0.24	-2.49	1.30E-02	0.12	case
miR_106a_5p	2832081	ZMAT2	-0.42	0.17	-2.49	1.30E-02	0.12	control
miR_744_5p	3732230	PITPNC1	-0.72	0.29	-2.49	1.30E-02	0.12	case
miR_532_5p	2618598	EIF1B	-0.47	0.19	-2.49	1.30E-02	0.12	control
miR_181a_5p	2793401	MFAP3L	-0.68	0.27	-2.49	1.30E-02	0.12	control
miR_1275	3722872	RUNDC3A	-0.55	0.22	-2.49	1.30E-02	0.12	case
miR_17_5p	2948425	PPP1R10	-0.8	0.32	-2.49	1.30E-02	0.12	case
miR_22_3p	3417574	SPRYD4	0.45	0.18	2.49	1.30E-02	0.12	control
miR_30c_5p	3514685	NCRNA00282	-1.06	0.43	-2.49	1.30E-02	0.12	control
miR_210	3037193	EIF2AK1	-0.31	0.13	-2.49	1.30E-02	0.12	control
miR_210	3558012	TINF2	-0.62	0.25	-2.49	1.30E-02	0.12	case
miR_1275	3819968	ZNF177	0.68	0.27	2.49	1.30E-02	0.12	case
miR_370	2945645	TDP2	-0.43	0.17	-2.49	1.30E-02	0.12	control
miR_1275	2437577	YY1AP1	-0.64	0.26	-2.49	1.30E-02	0.12	case
miR_24_2_5p	3435192	MLXIP	-0.76	0.31	-2.49	1.30E-02	0.12	case
miR_106a_5p	2730673	MOBK1A	-0.39	0.16	-2.49	1.30E-02	0.12	control
miR_132_3p	2353988	FAM46C	-0.68	0.27	-2.49	1.30E-02	0.12	control
miR_425_3p	3456666	NFE2	-0.49	0.2	-2.48	1.30E-02	0.12	control
miR_301a_3p	2326640	ARID1A	-0.71	0.28	-2.48	1.30E-02	0.12	case
miR_106a_5p	3074640	LUZP6	-0.83	0.34	-2.48	1.30E-02	0.12	control
miR_106a_5p	2347132	FNBP1L	-0.41	0.17	-2.48	1.30E-02	0.12	control
miR_93_5p	2436754	ADAR	-0.52	0.21	-2.48	1.30E-02	0.12	case
miR_7_5p	3737338	RNF213	-0.3	0.12	-2.48	1.30E-02	0.12	case
miR_29b_2_5p	3472468	RBM19	-1.02	0.41	-2.48	1.30E-02	0.12	case
miR_652_3p	3159132	COMMD5	1.75	0.71	2.48	1.30E-02	0.12	control
miR_197_3p	2623180	RAD54L2	-0.92	0.37	-2.48	1.30E-02	0.12	case
miR_106b_5p	2724472	UBE2K	-0.7	0.28	-2.48	1.30E-02	0.12	control

miR_574_3p	3708366	C17orf81	-0.67	0.27	-2.48	1.30E-02	0.12	case
miR_193a_5p	2413685	SSBP3	-0.34	0.14	-2.48	1.30E-02	0.12	case
miR_197_3p	3904527	NDRG3	-0.89	0.36	-2.48	1.30E-02	0.12	case
miR_17_5p	3131741	RAB11FIP1	-0.6	0.24	-2.48	1.30E-02	0.12	case
miR_183_5p	2510884	ARL6IP6	-0.65	0.26	-2.48	1.30E-02	0.12	control
miR_197_3p	2611848	SLC6A6	-0.92	0.37	-2.48	1.30E-02	0.12	control
miR_17_5p	2438657	ARHGEF11	-0.86	0.35	-2.48	1.30E-02	0.12	case
miR_106b_3p	3221543	CDC26	0.41	0.16	2.48	1.30E-02	0.12	case
miR_197_3p	2836738	LARP1	-0.89	0.36	-2.48	1.30E-02	0.12	case
miR_1275	3861372	RASGRP4	-0.65	0.26	-2.48	1.30E-02	0.12	case
miR_152	3682445	XYLT1	-0.96	0.39	-2.48	1.30E-02	0.12	case
miR_197_3p	2672774	C3orf75	-1.36	0.55	-2.48	1.30E-02	0.12	case
miR_139_3p	2793401	MFAP3L	-0.58	0.23	-2.48	1.30E-02	0.12	control
let_7c	3936887	MRPL40	0.65	0.26	2.48	1.30E-02	0.12	control
miR_590_5p	2953852	MED20	-0.3	0.12	-2.48	1.30E-02	0.12	case
miR_629_5p	3822875	ZNF333	-1.36	0.55	-2.48	1.30E-02	0.12	case
miR_148a_3p	2317512	DFFB	0.97	0.39	2.48	1.30E-02	0.12	control
miR_223_3p	2696764	MSL2	-2.05	0.83	-2.47	1.30E-02	0.12	control
miR_17_5p	2668205	GLB1	-0.54	0.22	-2.47	1.30E-02	0.13	case
miR_301a_3p	2435044	POGZ	-0.63	0.25	-2.47	1.30E-02	0.13	case
miR_454_3p	2881860	CCDC69	-0.52	0.21	-2.47	1.30E-02	0.13	case
miR_210	3894194	TBC1D20	-0.72	0.29	-2.47	1.30E-02	0.13	case
miR_106b_5p	2579439	GTDC1	-0.65	0.26	-2.47	1.30E-02	0.13	control
miR_15a_3p	2367326	DNM3	0.89	0.36	2.47	1.30E-02	0.13	control
miR_301a_3p	3367231	BDNF	1.14	0.46	2.47	1.30E-02	0.13	case
miR_197_3p	3697218	VAC14	-1.42	0.58	-2.47	1.30E-02	0.13	case
miR_301a_3p	3965314	BRD1	-0.89	0.36	-2.47	1.40E-02	0.13	case
miR_31_5p	3927903	N6AMT1	0.45	0.18	2.47	1.40E-02	0.13	case
miR_210	3089285	POLR3D	-0.66	0.27	-2.47	1.40E-02	0.13	case
miR_1254	2842157	HRH2	-0.64	0.26	-2.47	1.40E-02	0.13	case
miR_193a_5p	2951730	SLC26A8	-0.59	0.24	-2.47	1.40E-02	0.13	control
miR_106a_5p	2326640	ARID1A	-0.8	0.32	-2.47	1.40E-02	0.13	case
miR_301a_3p	3978453	GNL3L	-0.51	0.2	-2.47	1.40E-02	0.13	case
miR_16_1_3p	3154700	ZFAT	-1.39	0.56	-2.47	1.40E-02	0.13	case
miR_197_3p	3402786	CD4	-0.76	0.31	-2.47	1.40E-02	0.13	case
miR_20b_5p	2431112	NOTCH2	-0.55	0.22	-2.47	1.40E-02	0.13	case
miR_106b_5p	2448232	TPR	-0.43	0.18	-2.47	1.40E-02	0.13	control
miR_197_3p	2407439	SF3A3	-0.95	0.38	-2.47	1.40E-02	0.13	control

miR_210	3375340	CPSF7	-0.7	0.28	-2.46	1.40E-02	0.13	case
miR_221_3p	2623154	RBM15B	-0.85	0.35	-2.46	1.40E-02	0.13	case
miR_590_5p	2564816	ANKRD36B	-0.18	0.07	-2.46	1.40E-02	0.13	control
miR_221_3p	3204019	C9orf25	-1.21	0.49	-2.46	1.40E-02	0.13	case
miR_629_5p	2663295	TMEM40	-0.92	0.37	-2.46	1.40E-02	0.13	control
miR_106a_5p	3075778	HIPK2	-0.66	0.27	-2.46	1.40E-02	0.13	case
miR_197_3p	3841260	CNOT3	-1.08	0.44	-2.46	1.40E-02	0.13	case
miR_664_3p	2383859	GUK1	-0.35	0.14	-2.46	1.40E-02	0.13	control
miR_20a_5p	2813414	CCNB1	-0.72	0.29	-2.46	1.40E-02	0.13	control
miR_93_5p	3428268	GAS2L3	-0.47	0.19	-2.46	1.40E-02	0.13	control
miR_424_3p	2867836	GLRX	-0.54	0.22	-2.46	1.40E-02	0.13	control
miR_106a_5p	2495446	INPP4A	-0.72	0.29	-2.46	1.40E-02	0.13	case
miR_148a_3p	3381607	RAB6A	-0.53	0.22	-2.46	1.40E-02	0.13	control
miR_1275	3464622	CEP290	0.54	0.22	2.46	1.40E-02	0.13	case
let_7d_3p	3263790	SMC3	0.31	0.12	2.46	1.40E-02	0.13	control
miR_106a_5p	2438657	ARHGEF11	-0.81	0.33	-2.45	1.40E-02	0.13	case
let_7d_3p	3223928	STOM	0.33	0.13	2.45	1.40E-02	0.13	control
miR_339_3p	2353988	FAM46C	-0.54	0.22	-2.45	1.40E-02	0.13	control
miR_210	3774029	NPLOC4	-0.49	0.2	-2.45	1.40E-02	0.13	case
miR_130b_3p	3199207	NFIB	-0.77	0.32	-2.45	1.40E-02	0.13	control
miR_221_3p	2326640	ARID1A	-0.93	0.38	-2.45	1.40E-02	0.13	case
miR_29b_2_5p	3772525	CYTH1	-0.79	0.32	-2.45	1.40E-02	0.13	case
miR_144_5p	3896078	SLC23A2	-0.44	0.18	-2.45	1.40E-02	0.13	case
miR_155_5p	3742727	DHX33	-1.03	0.42	-2.45	1.40E-02	0.13	case
let_7e_5p	3245682	MAPK8	0.47	0.19	2.45	1.40E-02	0.13	case
miR_221_3p	2347132	FNBP1L	-0.44	0.18	-2.45	1.40E-02	0.13	control
let_7g_5p	3029030	CASP2	-0.88	0.36	-2.45	1.40E-02	0.13	case
miR_148a_3p	2475209	PPP1CB	-0.51	0.21	-2.45	1.40E-02	0.13	control
miR_152	3105600	CA2	-0.41	0.17	-2.45	1.40E-02	0.13	control
miR_301a_3p	2559967	DCTN1	-0.71	0.29	-2.45	1.40E-02	0.13	case
miR_144_5p	3848243	INSR	-0.56	0.23	-2.45	1.40E-02	0.13	case
miR_590_5p	2384562	RAB4A	-0.3	0.12	-2.45	1.40E-02	0.13	control
miR_1275	3432754	PLBD2	-0.95	0.39	-2.45	1.40E-02	0.13	case
let_7b_5p	2504328	GYPC	-0.36	0.15	-2.45	1.40E-02	0.13	control
miR_454_3p	2893562	RREB1	-0.88	0.36	-2.44	1.50E-02	0.13	case
miR_378a_5p	3646000	DNASE1	-1.31	0.54	-2.44	1.50E-02	0.13	case
miR_148a_3p	2954506	CRIP3	0.73	0.3	2.44	1.50E-02	0.13	control
miR_20a_5p	2504328	GYPC	-0.39	0.16	-2.44	1.50E-02	0.13	control

miR_642a_5p	2555630	CCT4	-0.92	0.38	-2.44	1.50E-02	0.13	control
miR_155_5p	3431892	SH2B3	-1.23	0.5	-2.44	1.50E-02	0.13	case
miR_197_3p	2574646	BIN1	-1.42	0.58	-2.44	1.50E-02	0.13	case
miR_29a_5p	3998839	FAM9A	2.49	1.02	2.44	1.50E-02	0.13	case
miR_942	3235414	SEC61A2	0.59	0.24	2.44	1.50E-02	0.13	case
miR_210	2708922	IGF2BP2	-0.29	0.12	-2.44	1.50E-02	0.13	control
miR_432_5p	3168102	CREB3	6.04	2.48	2.44	1.50E-02	0.13	control
miR_146b_5p	2580699	FLJ32955	0.89	0.36	2.44	1.50E-02	0.13	control
miR_10a_5p	3430620	WSCD2	1.08	0.44	2.44	1.50E-02	0.13	case
miR_181a_5p	3719980	LASP1	-0.7	0.29	-2.44	1.50E-02	0.13	case
miR_16_1_3p	3713195	SMCR8	-0.78	0.32	-2.44	1.50E-02	0.13	case
miR_425_3p	4017381	TSC22D3	-0.69	0.28	-2.44	1.50E-02	0.13	control
miR_454_3p	3764738	SKA2	0.32	0.13	2.44	1.50E-02	0.13	case
miR_24_3p	2726323	SLAIN2	-1.19	0.49	-2.44	1.50E-02	0.13	control
miR_197_3p	3667281	SF3B3	-0.73	0.3	-2.44	1.50E-02	0.13	case
miR_144_5p	3188697	NEK6	-0.44	0.18	-2.44	1.50E-02	0.13	case
miR_93_5p	2713555	KIAA0226	-0.82	0.34	-2.44	1.50E-02	0.13	case
miR_590_5p	2775858	LIN54	-0.37	0.15	-2.44	1.50E-02	0.13	control
miR_574_3p	3331603	C11orf31	-0.52	0.21	-2.44	1.50E-02	0.13	case
miR_502_3p	3428268	GAS2L3	-0.51	0.21	-2.44	1.50E-02	0.13	control
miR_197_3p	3544387	EIF2B2	-0.92	0.38	-2.44	1.50E-02	0.13	case
miR_210	3733938	COG1	-0.63	0.26	-2.44	1.50E-02	0.13	case
miR_628_3p	2993639	CBX3	0.54	0.22	2.44	1.50E-02	0.13	case
miR_660_5p	2437577	YY1AP1	-0.68	0.28	-2.44	1.50E-02	0.13	control
miR_301a_3p	3203990	KIAA1161	0.53	0.22	2.44	1.50E-02	0.13	control
miR_221_3p	2623180	RAD54L2	-0.66	0.27	-2.43	1.50E-02	0.13	case
miR_210	3329404	ATG13	-0.63	0.26	-2.43	1.50E-02	0.13	case
miR_24_2_5p	3655140	NFATC2IP	-1.22	0.5	-2.43	1.50E-02	0.13	case
let_7c	3894765	SIRPG	-0.53	0.22	-2.43	1.50E-02	0.13	case
miR_1275	2788800	PRMT10	0.62	0.25	2.43	1.50E-02	0.13	case
miR_93_5p	2347132	FNBP1L	-0.42	0.17	-2.43	1.50E-02	0.13	control
miR_210	3262198	PDCD11	-0.67	0.28	-2.43	1.50E-02	0.13	case
miR_93_5p	2359817	INTS3	-0.63	0.26	-2.43	1.50E-02	0.13	case
let_7d_3p	3257670	PCGF5	0.26	0.11	2.43	1.50E-02	0.13	control
miR_210	3821908	RNASEH2A	-0.66	0.27	-2.43	1.50E-02	0.13	case
miR_24_2_5p	3662444	NLRCS	-0.93	0.38	-2.43	1.50E-02	0.13	case
miR_210	3667281	SF3B3	-0.43	0.18	-2.43	1.50E-02	0.13	case
miR_17_5p	2411228	STIL	-0.51	0.21	-2.43	1.50E-02	0.13	control

miR_197_3p	3846011	SGTA	-1.48	0.61	-2.43	1.50E-02	0.13	case
miR_328	3756344	SMARCE1	1.19	0.49	2.43	1.50E-02	0.13	control
miR_142_5p	3090053	SLC25A37	-0.45	0.19	-2.43	1.50E-02	0.13	control
miR_628_3p	3837895	SPHK2	1.3	0.53	2.43	1.50E-02	0.13	control
miR_25_5p	3453405	FKBP11	-0.65	0.27	-2.43	1.50E-02	0.13	case
miR_93_5p	3605832	ZNF592	-0.75	0.31	-2.43	1.50E-02	0.13	case
miR_16_1_3p	3065963	ORC5	-0.7	0.29	-2.43	1.50E-02	0.13	control
miR_29b_2_5p	3563395	POLE2	-0.42	0.17	-2.43	1.50E-02	0.13	control
miR_504	4022335	TFDP3	1.01	0.42	2.43	1.50E-02	0.13	control
miR_197_3p	3507710	SLC7A1	-0.99	0.41	-2.43	1.50E-02	0.13	case
miR_329	2620448	CLEC3B	1.85	0.76	2.43	1.50E-02	0.13	case
miR_181a_5p	2353988	FAM46C	-0.61	0.25	-2.43	1.50E-02	0.13	control
miR_20b_5p	2793401	MFAP3L	-0.49	0.2	-2.43	1.50E-02	0.13	control
miR_20a_5p	2907018	TAF8	-0.56	0.23	-2.42	1.50E-02	0.13	case
miR_15b_3p	2488252	DYSF	-0.39	0.16	-2.42	1.50E-02	0.13	control
miR_301a_3p	2363084	NCSTN	-0.6	0.25	-2.42	1.50E-02	0.13	case
miR_24_2_5p	3393200	PCSK7	-0.83	0.34	-2.42	1.50E-02	0.13	case
miR_150_5p	2566021	ACTR1B	-1.5	0.62	-2.42	1.50E-02	0.13	control
miR_20b_5p	2591837	SLC40A1	-0.47	0.2	-2.42	1.50E-02	0.13	control
miR_140_5p	3082181	NCAPG2	-1.1	0.46	-2.42	1.60E-02	0.13	control
miR_342_3p	2407439	SF3A3	-0.93	0.39	-2.42	1.60E-02	0.13	control
miR_155_5p	3605832	ZNF592	-0.76	0.31	-2.42	1.60E-02	0.13	case
miR_148b_5p	2904877	MAPK14	-0.61	0.25	-2.42	1.60E-02	0.13	control
let_7d_3p	3732448	BPTF	0.37	0.15	2.42	1.60E-02	0.13	control
let_7d_5p	3821095	TSPAN16	-0.43	0.18	-2.42	1.60E-02	0.13	case
let_7c	3949097	TRMU	0.69	0.29	2.42	1.60E-02	0.13	control
miR_106a_5p	2591837	SLC40A1	-0.5	0.21	-2.42	1.60E-02	0.13	control
miR_222_3p	3357279	VPS26B	-0.5	0.21	-2.42	1.60E-02	0.13	case
miR_197_3p	3415812	ZNF740	-0.89	0.37	-2.42	1.60E-02	0.13	case
miR_301a_3p	3036985	RNF216	-0.66	0.27	-2.41	1.60E-02	0.13	case
miR_454_3p	3682445	XYLT1	-0.61	0.25	-2.41	1.60E-02	0.13	case
let_7b_5p	3739668	VPS53	-0.62	0.26	-2.41	1.60E-02	0.13	case
miR_20b_5p	3065546	DPY19L2P2	0.18	0.07	2.41	1.60E-02	0.13	case
miR_106a_5p	2779992	UBE2D3	-0.92	0.38	-2.41	1.60E-02	0.13	control
miR_1275	2842157	HRH2	-0.44	0.18	-2.41	1.60E-02	0.13	case
miR_720	2999676	SPDYE1	-0.45	0.19	-2.41	1.60E-02	0.13	case
miR_210	3192653	GTF3C5	-0.73	0.3	-2.41	1.60E-02	0.13	case
miR_22_3p	3697632	ZNF23	-0.74	0.31	-2.41	1.60E-02	0.13	control

miR_301a_3p	3014411	TRRAP	-0.53	0.22	-2.41	1.60E-02	0.13	case
miR_197_3p	2655650	PSMD2	-0.77	0.32	-2.41	1.60E-02	0.13	case
miR_324_3p	2881860	CCDC69	-0.85	0.35	-2.41	1.60E-02	0.13	case
miR_17_5p	2624291	PRKCD	-0.52	0.21	-2.41	1.60E-02	0.13	case
miR_210	3479181	POLE	-0.82	0.34	-2.41	1.60E-02	0.13	case
miR_106a_5p	2359817	INTS3	-0.55	0.23	-2.41	1.60E-02	0.13	case
miR_301a_3p	2623180	RAD54L2	-0.49	0.2	-2.41	1.60E-02	0.13	case
miR_744_5p	2353988	FAM46C	-0.78	0.32	-2.41	1.60E-02	0.13	control
miR_324_3p	3872928	ZNF132	-0.86	0.36	-2.41	1.60E-02	0.13	case
miR_221_3p	2958670	RAB23	-0.47	0.19	-2.41	1.60E-02	0.13	control
miR_222_3p	3961932	TOB2	-0.76	0.32	-2.41	1.60E-02	0.13	case
miR_106a_5p	2624291	PRKCD	-0.5	0.21	-2.41	1.60E-02	0.13	case
miR_197_3p	3742727	DHX33	-1.28	0.53	-2.41	1.60E-02	0.13	case
miR_20a_5p	2400518	ECE1	-0.4	0.17	-2.41	1.60E-02	0.13	case
miR_197_3p	2954678	XPO5	-1.17	0.48	-2.41	1.60E-02	0.13	case
miR_210	3129465	INTS9	-0.6	0.25	-2.41	1.60E-02	0.13	case
miR_629_3p	3454331	LIMA1	1	0.42	2.41	1.60E-02	0.13	control
miR_106a_5p	2353988	FAM46C	-0.52	0.21	-2.4	1.60E-02	0.13	control
miR_132_3p	2451463	ADIPOR1	-0.65	0.27	-2.4	1.60E-02	0.13	control
miR_196b_5p	2332583	CCDC30	-0.5	0.21	-2.4	1.60E-02	0.13	control
miR_301a_3p	2320762	VPS13D	-0.55	0.23	-2.4	1.60E-02	0.13	case
miR_210	3551566	EVL	-0.58	0.24	-2.4	1.60E-02	0.13	case
miR_197_3p	3794056	TSHZ1	-1.14	0.47	-2.4	1.60E-02	0.13	case
let_7b_5p	2484841	B3GNT2	0.53	0.22	2.4	1.60E-02	0.13	case
miR_106a_5p	2901913	TUBB	-0.55	0.23	-2.4	1.60E-02	0.13	case
let_7c	3293537	PCBD1	0.65	0.27	2.4	1.60E-02	0.13	control
miR_155_5p	2893562	RREB1	-1.12	0.47	-2.4	1.60E-02	0.13	case
miR_152	3375340	CPSF7	-0.85	0.35	-2.4	1.60E-02	0.13	case
miR_106b_5p	2726323	SLAIN2	-0.7	0.29	-2.4	1.60E-02	0.13	control
miR_10a_5p	3129065	CLU	0.41	0.17	2.4	1.60E-02	0.13	case
miR_210	3816380	OAZ1	-0.65	0.27	-2.4	1.60E-02	0.13	control
miR_148a_3p	3573994	C14orf145	-0.32	0.13	-2.4	1.60E-02	0.13	control
miR_146a_5p	2318637	VAMP3	-0.91	0.38	-2.4	1.60E-02	0.13	control
miR_106a_5p	2890413	RNF130	-0.54	0.23	-2.4	1.60E-02	0.13	control
miR_1275	3840142	ZNF480	0.42	0.18	2.4	1.60E-02	0.13	case
miR_590_5p	3029030	CASP2	-0.46	0.19	-2.4	1.60E-02	0.13	case
miR_301a_3p	3702293	MBTPS1	-0.68	0.29	-2.4	1.60E-02	0.13	case
miR_212_3p	3251353	ANAPC16	-0.56	0.23	-2.4	1.60E-02	0.13	control

miR_182_5p	2599901	C2orf24	-0.34	0.14	-2.4	1.60E-02	0.13	control
miR_197_3p	3980745	FOXO4	-0.73	0.31	-2.4	1.60E-02	0.13	case
miR_103a_3p	3563861	CDKL1	-1.36	0.56	-2.4	1.60E-02	0.13	control
miR_93_5p	3029030	CASP2	-0.95	0.4	-2.4	1.60E-02	0.13	case
miR_18a_3p	3837269	GPR77	-0.49	0.2	-2.4	1.60E-02	0.13	control
miR_210	3820443	ICAM1	-0.65	0.27	-2.4	1.60E-02	0.13	case
miR_93_5p	3065546	DPY19L2P2	0.2	0.08	2.4	1.60E-02	0.13	case
miR_106b_5p	2539607	MBOAT2	-0.42	0.18	-2.4	1.60E-02	0.13	control
miR_146b_5p	2326448	SH3BGRL3	-0.61	0.25	-2.4	1.60E-02	0.13	control
miR_590_5p	2834093	TCERG1	-0.32	0.13	-2.4	1.60E-02	0.13	control
miR_590_5p	3095719	GOLGA7	-0.32	0.13	-2.4	1.60E-02	0.13	control
miR_1275	3867928	NOSIP	-0.55	0.23	-2.4	1.60E-02	0.13	control
miR_301a_3p	3737274	RNF213	-0.37	0.15	-2.4	1.60E-02	0.13	case
miR_144_5p	3131741	RAB11FIP1	-0.33	0.14	-2.4	1.60E-02	0.13	case
miR_20b_5p	3623865	SPPL2A	0.58	0.24	2.4	1.70E-02	0.13	case
miR_106a_5p	2954025	TRERF1	-1.08	0.45	-2.4	1.70E-02	0.13	case
miR_590_5p	2584018	DPP4	-0.22	0.09	-2.4	1.70E-02	0.13	control
miR_301a_3p	3741997	ANKFY1	-0.52	0.22	-2.4	1.70E-02	0.13	case
miR_106b_5p	2450345	KIF14	-0.56	0.24	-2.4	1.70E-02	0.13	control
let_7e_5p	3061651	BET1	0.38	0.16	2.4	1.70E-02	0.13	case
miR_138_5p	3631214	TLE3	-0.89	0.37	-2.39	1.70E-02	0.13	case
miR_18a_3p	2610732	ATG7	-0.7	0.29	-2.39	1.70E-02	0.13	control
miR_744_5p	3590853	CAPN3	-0.86	0.36	-2.39	1.70E-02	0.13	case
miR_181a_5p	3381607	RAB6A	-0.8	0.33	-2.39	1.70E-02	0.13	control
miR_210	3558145	CIDEB	-0.51	0.21	-2.39	1.70E-02	0.13	case
miR_433	2694520	KIAA1257	-1.44	0.6	-2.39	1.70E-02	0.13	case
miR_422a	2326496	DHDDS	-0.73	0.3	-2.39	1.70E-02	0.13	case
miR_1275	3320717	MICAL2	-0.33	0.14	-2.39	1.70E-02	0.13	case
miR_18a_3p	2674179	USP4	-0.61	0.25	-2.39	1.70E-02	0.13	control
miR_197_3p	3402506	CD27	-0.88	0.37	-2.39	1.70E-02	0.13	case
miR_193a_5p	2609960	TTL3	-0.93	0.39	-2.39	1.70E-02	0.13	case
miR_210	3656760	STX4	-0.6	0.25	-2.39	1.70E-02	0.13	case
miR_18a_3p	3722152	PSME3	-0.62	0.26	-2.39	1.70E-02	0.13	control
miR_1227	3763270	MMD	0.24	0.1	2.39	1.70E-02	0.13	case
miR_93_5p	3763656	TRIM25	-0.54	0.23	-2.39	1.70E-02	0.13	case
miR_301a_3p	2893562	RREB1	-0.91	0.38	-2.39	1.70E-02	0.13	case
miR_197_3p	3709244	CHD3	-0.89	0.37	-2.39	1.70E-02	0.13	case
miR_194_5p	2834503	SPINK5	1.51	0.63	2.39	1.70E-02	0.13	case

miR_27a_5p	3715512	TNFAIP1	-0.9	0.38	-2.39	1.70E-02	0.13	case
miR_221_3p	2610394	TATDN2	-0.83	0.35	-2.39	1.70E-02	0.13	case
miR_1260a	2452977	FAIM3	0.39	0.16	2.38	1.70E-02	0.13	control
miR_590_5p	2407314	EPHA10	0.59	0.25	2.38	1.70E-02	0.13	control
miR_766_3p	2498143	NCK2	0.89	0.37	2.38	1.70E-02	0.13	case
miR_103a_3p	2724472	UBE2K	-0.7	0.29	-2.38	1.70E-02	0.13	control
miR_15b_5p	3373212	OR4C11	-0.85	0.36	-2.38	1.70E-02	0.13	control
miR_106b_5p	2775858	LIN54	-0.74	0.31	-2.38	1.70E-02	0.13	control
let_7g_5p	2609960	TLL3	-0.8	0.34	-2.38	1.70E-02	0.13	case
miR_106a_5p	2504328	GYPC	-0.41	0.17	-2.38	1.70E-02	0.13	control
miR_24_2_5p	3555340	TEP1	-1.02	0.43	-2.38	1.70E-02	0.13	case
miR_16_5p	3623865	SPPL2A	0.62	0.26	2.38	1.70E-02	0.13	case
miR_29b_2_5p	2662020	RAD18	-0.82	0.34	-2.38	1.70E-02	0.13	control
miR_20a_5p	2431112	NOTCH2	-0.51	0.21	-2.38	1.70E-02	0.13	case
miR_152	2609870	BRPF1	-0.9	0.38	-2.38	1.70E-02	0.13	case
miR_103a_3p	2775858	LIN54	-0.84	0.35	-2.38	1.70E-02	0.13	control
miR_1275	2928874	PEX3	0.58	0.24	2.38	1.70E-02	0.13	case
let_7d_3p	4000370	FANCB	0.29	0.12	2.38	1.70E-02	0.13	control
miR_20a_5p	2832081	ZMAT2	-0.37	0.16	-2.38	1.70E-02	0.13	control
miR_210	2504328	GYPC	-0.36	0.15	-2.38	1.70E-02	0.13	control
miR_222_3p	3105600	CA2	-0.31	0.13	-2.38	1.70E-02	0.13	control
miR_103a_3p	2779992	UBE2D3	-1.09	0.46	-2.38	1.70E-02	0.13	control
miR_148a_3p	2371738	C1orf26	-0.3	0.12	-2.38	1.80E-02	0.13	control
miR_590_5p	4041923	CCNL2	-0.37	0.16	-2.38	1.80E-02	0.13	control
miR_941	2916716	PNRC1	-1.33	0.56	-2.37	1.80E-02	0.13	control
miR_18a_3p	3457160	CD63	-1.04	0.44	-2.37	1.80E-02	0.13	control
miR_301a_3p	2333429	KDM4A	-0.65	0.27	-2.37	1.80E-02	0.13	case
miR_138_5p	3678147	NMRAL1	-1.12	0.47	-2.37	1.80E-02	0.13	control
miR_454_3p	3605832	ZNF592	-0.56	0.24	-2.37	1.80E-02	0.13	case
miR_210	3680610	GSPT1	-0.31	0.13	-2.37	1.80E-02	0.13	control
miR_1227	3399623	THYN1	0.39	0.16	2.37	1.80E-02	0.13	control
miR_301a_3p	3712363	MPRIP	-0.39	0.16	-2.37	1.80E-02	0.13	case
miR_335_3p	3121023	C8orf33	-1.19	0.5	-2.37	1.80E-02	0.13	control
miR_16_1_3p	2620538	LARS2	-0.98	0.41	-2.37	1.80E-02	0.13	case
miR_210	3444252	CSDA	-0.31	0.13	-2.37	1.80E-02	0.13	control
miR_27a_3p	2803329	BASP1	-0.65	0.27	-2.37	1.80E-02	0.13	control
miR_197_3p	2621827	ARIH2	-1	0.42	-2.37	1.80E-02	0.13	case
miR_324_3p	3304215	LDB1	-0.81	0.34	-2.37	1.80E-02	0.13	case

miR_17_5p	3336696	KDM2A	-0.6	0.25	-2.37	1.80E-02	0.13	case
miR_197_3p	2881672	TNIP1	-1	0.42	-2.37	1.80E-02	0.13	case
miR_1275	3942179	MTMR3	-0.52	0.22	-2.37	1.80E-02	0.13	case
miR_628_3p	3066436	PUS7	-0.77	0.32	-2.37	1.80E-02	0.13	control
let_7b_5p	3320819	MICALCL	-0.28	0.12	-2.37	1.80E-02	0.13	case
miR_24_3p	3720543	ZBPBP2	1.57	0.66	2.37	1.80E-02	0.13	control
miR_106b_5p	2910477	FBXO9	-0.41	0.17	-2.37	1.80E-02	0.13	control
miR_144_5p	3750842	SGK494	-0.37	0.15	-2.37	1.80E-02	0.13	case
miR_194_5p	3768280	C17orf58	0.85	0.36	2.37	1.80E-02	0.13	case
miR_197_3p	2545811	PPM1G	-0.99	0.42	-2.37	1.80E-02	0.13	case
miR_20a_5p	2726323	SLAIN2	-0.59	0.25	-2.37	1.80E-02	0.13	control
miR_106a_5p	2539607	MBOAT2	-0.4	0.17	-2.37	1.80E-02	0.13	control
miR_106a_5p	3336696	KDM2A	-0.57	0.24	-2.37	1.80E-02	0.13	case
miR_20b_5p	2411228	STIL	-0.45	0.19	-2.37	1.80E-02	0.13	control
miR_1227	2362282	OR10Z1	-0.33	0.14	-2.37	1.80E-02	0.13	control
miR_374b_5p	2954818	MRPS18A	-0.52	0.22	-2.36	1.80E-02	0.13	control
miR_744_5p	3317868	PGAP2	-0.79	0.34	-2.36	1.80E-02	0.13	case
miR_16_1_3p	3454006	FMNL3	-0.99	0.42	-2.36	1.80E-02	0.13	case
miR_19a_3p	2401193	LUZP1	1.01	0.43	2.36	1.80E-02	0.13	control
miR_197_3p	3841474	LENG8	-0.89	0.38	-2.36	1.80E-02	0.13	case
miR_106a_5p	2668205	GLB1	-0.53	0.22	-2.36	1.80E-02	0.13	case
miR_454_3p	2619120	TRAK1	-0.65	0.28	-2.36	1.80E-02	0.13	case
let_7b_5p	4017281	NUP62CL	-0.39	0.17	-2.36	1.80E-02	0.13	control
miR_210	3371544	AMBRA1	-0.81	0.34	-2.36	1.80E-02	0.13	case
let_7b_5p	2997376	ANLN	-0.6	0.25	-2.36	1.80E-02	0.13	control
miR_330_3p	3944564	CSF2RB	-0.74	0.31	-2.36	1.80E-02	0.13	control
miR_155_5p	3435192	MLXIP	-0.67	0.28	-2.36	1.80E-02	0.13	case
miR_210	3682445	XYLT1	-0.68	0.29	-2.36	1.80E-02	0.13	case
miR_106b_5p	2793401	MFAP3L	-0.55	0.23	-2.36	1.80E-02	0.13	control
miR_424_3p	3094286	PROSC	-0.85	0.36	-2.36	1.80E-02	0.13	control
miR_320a	3978999	UBQLN2	-1.25	0.53	-2.36	1.80E-02	0.13	case
miR_30c_5p	2440476	F11R	-1.38	0.59	-2.36	1.80E-02	0.13	control
let_7d_3p	3660858	CHD9	0.29	0.12	2.36	1.80E-02	0.13	control
miR_197_3p	3885537	PLCG1	-0.91	0.39	-2.36	1.90E-02	0.13	case
miR_93_5p	2591421	TFPI	-0.57	0.24	-2.36	1.90E-02	0.13	control
miR_17_5p	3065546	DPY19L2P2	0.19	0.08	2.35	1.90E-02	0.13	case
miR_17_5p	2907018	TAF8	-0.56	0.24	-2.35	1.90E-02	0.13	case
miR_29b_2_5p	3382216	ARRB1	-0.54	0.23	-2.35	1.90E-02	0.13	case

miR_301a_3p	3075566	ZC3HAV1	-0.48	0.21	-2.35	1.90E-02	0.13	case
miR_181a_5p	2436754	ADAR	-0.54	0.23	-2.35	1.90E-02	0.13	case
miR_223_3p	3907190	SLPI	-0.66	0.28	-2.35	1.90E-02	0.13	control
miR_20a_5p	2394841	DNAJC11	-0.53	0.23	-2.35	1.90E-02	0.13	case
miR_16_1_3p	3229529	CAMSAP1	-0.82	0.35	-2.35	1.90E-02	0.13	case
miR_126_3p	2609960	TTL3	-0.74	0.31	-2.35	1.90E-02	0.13	case
miR_20a_5p	2960303	B3GAT2	0.69	0.29	2.35	1.90E-02	0.13	case
miR_221_3p	2394841	DNAJC11	-0.63	0.27	-2.35	1.90E-02	0.13	case
miR_197_3p	3385175	PICALM	0.54	0.23	2.35	1.90E-02	0.13	case
miR_590_5p	2484457	KIAA1841	-0.31	0.13	-2.35	1.90E-02	0.13	control
miR_590_5p	2789957	FBXW7	-0.23	0.1	-2.35	1.90E-02	0.13	control
miR_16_1_3p	3402571	NCAPD2	-0.72	0.31	-2.35	1.90E-02	0.13	case
miR_454_3p	3304215	LDB1	-0.45	0.19	-2.35	1.90E-02	0.13	case
miR_197_3p	3442396	PHB2	-0.8	0.34	-2.35	1.90E-02	0.13	case
miR_616_3p	2404158	LAPTM5	-0.8	0.34	-2.34	1.90E-02	0.13	case
miR_148a_3p	2867432	ANKRD32	-0.2	0.08	-2.34	1.90E-02	0.13	control
miR_629_5p	3757770	STAT5B	-0.78	0.33	-2.34	1.90E-02	0.13	case
miR_16_1_3p	2406420	CLSPN	-0.8	0.34	-2.34	1.90E-02	0.13	control
miR_133a	3284596	PARD3	0.48	0.2	2.34	1.90E-02	0.13	case
miR_628_3p	2587618	OLA1	-0.69	0.29	-2.34	1.90E-02	0.13	control
miR_93_5p	2901913	TUBB	-0.56	0.24	-2.34	1.90E-02	0.13	case
miR_210	3645881	ZNF174	-0.61	0.26	-2.34	1.90E-02	0.13	case
miR_939	3621160	ZSCAN29	-0.59	0.25	-2.34	1.90E-02	0.13	case
miR_103a_3p	3444252	CSDA	-0.41	0.17	-2.34	1.90E-02	0.13	control
miR_24_2_5p	3755359	PIP4K2B	-0.9	0.39	-2.34	1.90E-02	0.13	case
let_7c	2560149	CCDC142	0.79	0.34	2.34	1.90E-02	0.13	control
miR_93_5p	2504328	GYPC	-0.42	0.18	-2.34	1.90E-02	0.13	control
miR_93_5p	2450345	KIF14	-0.57	0.24	-2.34	1.90E-02	0.13	control
miR_432_5p	3318666	SMPD1	4.36	1.86	2.34	1.90E-02	0.13	control
miR_196b_5p	2713016	C3orf34	-0.37	0.16	-2.34	1.90E-02	0.13	control
miR_590_5p	2974188	MED23	-0.27	0.11	-2.34	1.90E-02	0.13	control
miR_106b_5p	2411228	STIL	-0.47	0.2	-2.34	1.90E-02	0.13	control
miR_20b_5p	2450345	KIF14	-0.54	0.23	-2.34	1.90E-02	0.13	control
miR_221_3p	2485406	HSPC159	-0.36	0.15	-2.34	1.90E-02	0.13	control
miR_130a_3p	2995254	C7orf41	-0.5	0.22	-2.34	1.90E-02	0.13	control
miR_590_5p	2910477	FBXO9	-0.19	0.08	-2.34	1.90E-02	0.13	control
miR_148b_5p	3196034	C9orf66	-0.65	0.28	-2.34	1.90E-02	0.13	control
miR_222_3p	2609960	TTL3	-0.66	0.28	-2.34	1.90E-02	0.13	case

miR_10a_5p	3678462	PPL	1.07	0.46	2.34	1.90E-02	0.13	case
miR_106a_5p	2591421	TFPI	-0.56	0.24	-2.34	1.90E-02	0.13	control
let_7b_5p	3320717	MICAL2	-0.3	0.13	-2.34	2.00E-02	0.13	case
miR_132_3p	3464912	POC1B	-0.41	0.18	-2.33	2.00E-02	0.13	control
miR_330_3p	2439842	TAGLN2	-0.66	0.28	-2.33	2.00E-02	0.13	control
miR_185_5p	3444252	CSDA	-0.35	0.15	-2.33	2.00E-02	0.13	control
miR_193a_5p	2662331	CAMK1	-0.76	0.32	-2.33	2.00E-02	0.13	case
miR_301a_3p	3701623	GAFA2	-0.31	0.13	-2.33	2.00E-02	0.13	case
miR_155_5p	3961496	MKL1	-0.72	0.31	-2.33	2.00E-02	0.13	case
miR_106b_3p	3598430	SLC24A1	1.5	0.64	2.33	2.00E-02	0.13	control
miR_222_3p	2893562	RREB1	-0.85	0.36	-2.33	2.00E-02	0.13	case
miR_301a_3p	2375706	ATP2B4	-0.4	0.17	-2.33	2.00E-02	0.13	case
miR_221_3p	2946681	HIST1H2BJ	-0.55	0.24	-2.33	2.00E-02	0.13	control
miR_339_3p	2618598	EIF1B	-0.38	0.16	-2.33	2.00E-02	0.13	control
miR_103a_3p	2832081	ZMAT2	-0.45	0.19	-2.33	2.00E-02	0.13	control
miR_744_5p	2609960	TLL3	-1.16	0.5	-2.33	2.00E-02	0.13	case
miR_17_5p	3428268	GAS2L3	-0.45	0.19	-2.33	2.00E-02	0.13	control
miR_197_3p	3743906	TP53	-0.79	0.34	-2.33	2.00E-02	0.13	case
miR_590_5p	2380991	IARS2	-0.33	0.14	-2.33	2.00E-02	0.13	control
miR_320a	3923218	RRP1B	1.21	0.52	2.33	2.00E-02	0.13	control
miR_20b_5p	3428268	GAS2L3	-0.41	0.18	-2.33	2.00E-02	0.13	control
miR_126_5p	3779950	C18orf1	0.81	0.35	2.33	2.00E-02	0.13	control
miR_1255b_5p	3892452	LSM14B	0.56	0.24	2.33	2.00E-02	0.13	case
miR_301a_3p	2361731	PRCC	-0.67	0.29	-2.33	2.00E-02	0.13	case
miR_106a_5p	2778856	TSPAN5	-0.29	0.12	-2.33	2.00E-02	0.13	control
miR_146a_5p	2779992	UBE2D3	-0.99	0.43	-2.33	2.00E-02	0.13	control
miR_301a_3p	2903343	BRD2	-0.63	0.27	-2.33	2.00E-02	0.13	case
miR_370	2995254	C7orf41	-0.45	0.19	-2.33	2.00E-02	0.13	control
miR_106a_5p	3235726	OPTN	-0.32	0.14	-2.33	2.00E-02	0.13	control
miR_432_5p	2560149	CCDC142	4.52	1.94	2.33	2.00E-02	0.13	control
miR_210	3261544	GBF1	-0.49	0.21	-2.32	2.00E-02	0.13	case
miR_210	3304215	LDB1	-0.53	0.23	-2.32	2.00E-02	0.13	case
miR_744_5p	2591421	TFPI	-0.69	0.3	-2.32	2.00E-02	0.13	control
miR_301a_3p	2400518	ECE1	-0.35	0.15	-2.32	2.00E-02	0.13	case
miR_212_3p	2484841	B3GNT2	-0.62	0.27	-2.32	2.00E-02	0.13	control
miR_590_5p	2820925	RHOBTB3	-0.24	0.1	-2.32	2.00E-02	0.13	control
miR_193a_5p	3907190	SLPI	-0.24	0.1	-2.32	2.00E-02	0.13	control
miR_197_3p	3089853	CHMP7	-0.92	0.4	-2.32	2.00E-02	0.13	case

miR_301a_3p	3190463	ODF2	-0.57	0.25	-2.32	2.00E-02	0.13	case
miR_520f	2567583	RNF149	-0.64	0.27	-2.32	2.00E-02	0.13	control
miR_598	3096214	VDAC3	-0.67	0.29	-2.32	2.00E-02	0.13	control
miR_221_3p	2450345	KIF14	-0.59	0.25	-2.32	2.00E-02	0.13	control
miR_197_3p	3762040	TAC4	-0.96	0.41	-2.32	2.00E-02	0.13	control
miR_301a_3p	3316447	AP2A2	-0.68	0.29	-2.32	2.00E-02	0.13	case
miR_138_5p	3403015	ENO2	-0.91	0.39	-2.32	2.00E-02	0.13	control
miR_301a_3p	3739679	VPS53	-0.4	0.17	-2.32	2.00E-02	0.13	case
let_7b_5p	2352228	CAPZA1	0.36	0.16	2.32	2.00E-02	0.13	case
miR_29b_2_5p	3203753	UBAP2	-0.95	0.41	-2.32	2.00E-02	0.13	control
miR_193a_5p	2954025	TRERF1	-1.22	0.53	-2.32	2.00E-02	0.13	case
miR_93_5p	2495446	INPP4A	-0.74	0.32	-2.32	2.00E-02	0.13	case
miR_193b_3p	3494706	SLAIN1	-0.5	0.21	-2.32	2.00E-02	0.13	control
miR_422a	2673902	QRICH1	-0.54	0.23	-2.32	2.00E-02	0.13	case
miR_144_5p	3737338	RNF213	-0.23	0.1	-2.32	2.00E-02	0.13	case
miR_505_5p	2809423	NDUFS4	0.49	0.21	2.32	2.00E-02	0.13	case
miR_106a_5p	2623180	RAD54L2	-0.54	0.23	-2.32	2.00E-02	0.13	case
miR_103a_3p	2450345	KIF14	-0.61	0.26	-2.32	2.00E-02	0.13	control
miR_642a_5p	3434823	RNF34	-1.05	0.45	-2.32	2.10E-02	0.13	control
miR_340_5p	3158114	SHARPIN	1.41	0.61	2.32	2.10E-02	0.13	case
let_7d_5p	2363084	NCSTN	-0.78	0.34	-2.31	2.10E-02	0.13	case
miR_301a_3p	2907538	PPP2R5D	-0.64	0.28	-2.31	2.10E-02	0.13	case
miR_590_5p	2428313	ST7L	-0.36	0.16	-2.31	2.10E-02	0.13	control
miR_197_3p	3750625	POLDIP2	-0.8	0.34	-2.31	2.10E-02	0.13	case
miR_320a	3159132	COMMD5	1.5	0.65	2.31	2.10E-02	0.13	control
miR_193b_3p	2523874	ICOS	-0.45	0.2	-2.31	2.10E-02	0.13	control
miR_181a_5p	3264621	TCF7L2	-0.47	0.2	-2.31	2.10E-02	0.13	case
miR_24_3p	3066818	NAMPT	-0.96	0.41	-2.31	2.10E-02	0.13	control
miR_103a_3p	2910477	FBXO9	-0.45	0.2	-2.31	2.10E-02	0.13	control
miR_454_3p	3980758	MED12	-0.38	0.16	-2.31	2.10E-02	0.13	case
miR_17_5p	3942179	MTMR3	-0.56	0.24	-2.31	2.10E-02	0.13	case
miR_17_5p	2396537	MTOR	-0.57	0.25	-2.31	2.10E-02	0.13	case
miR_20b_5p	3088983	XPO7	-0.39	0.17	-2.31	2.10E-02	0.14	control
miR_103a_3p	3088983	XPO7	-0.48	0.21	-2.31	2.10E-02	0.14	control
miR_31_5p	2326286	PDIK1L	-0.52	0.23	-2.31	2.10E-02	0.14	control
miR_148b_5p	3749767	TMEM11	-0.66	0.29	-2.31	2.10E-02	0.14	control
let_7c	3874584		0.27	0.12	2.31	2.10E-02	0.14	case
miR_222_3p	3190463	ODF2	-0.5	0.22	-2.31	2.10E-02	0.14	case

miR_222_3p	2948425	PPP1R10	-0.65	0.28	-2.31	2.10E-02	0.14	case
miR_93_5p	3074640	LUZP6	-0.84	0.37	-2.31	2.10E-02	0.14	control
miR_301a_3p	3908831	ZNFX1	-0.35	0.15	-2.31	2.10E-02	0.14	case
miR_106a_5p	2394841	DNAJC11	-0.54	0.23	-2.31	2.10E-02	0.14	case
miR_103a_3p	3309602	RGS10	-0.5	0.22	-2.31	2.10E-02	0.14	control
miR_29b_2_5p	3367338	KIF18A	-0.71	0.31	-2.31	2.10E-02	0.14	control
miR_106b_3p	3806905	SMAD2	0.36	0.16	2.3	2.10E-02	0.14	case
miR_106b_5p	2594812	TRAK2	-0.3	0.13	-2.3	2.10E-02	0.14	control
miR_197_3p	3434413	RNF10	-0.55	0.24	-2.3	2.10E-02	0.14	case
miR_106a_5p	2777714	SNCA	-0.53	0.23	-2.3	2.10E-02	0.14	control
miR_625_3p	3576014	C14orf102	0.69	0.3	2.3	2.10E-02	0.14	control
miR_26a_5p	3225096	NR6A1	-1.14	0.49	-2.3	2.10E-02	0.14	control
miR_103a_3p	2793401	MFAP3L	-0.55	0.24	-2.3	2.10E-02	0.14	control
miR_193a_5p	3874584		0.28	0.12	2.3	2.10E-02	0.14	case
let_7c	3371928	ARFGAP2	0.73	0.32	2.3	2.10E-02	0.14	control
miR_17_5p	2394841	DNAJC11	-0.54	0.23	-2.3	2.10E-02	0.14	case
miR_106a_5p	2520069	C2orf88	-0.29	0.13	-2.3	2.10E-02	0.14	control
miR_454_3p	3737274	RNF213	-0.31	0.13	-2.3	2.10E-02	0.14	case
let_7d_3p	3988740	PGRMC1	0.27	0.12	2.3	2.20E-02	0.14	control
miR_301a_3p	3096092	IKBKB	-0.63	0.27	-2.3	2.20E-02	0.14	case
miR_106a_5p	2383859	GUK1	-0.32	0.14	-2.3	2.20E-02	0.14	control
miR_106b_5p	2779992	UBE2D3	-0.91	0.4	-2.3	2.20E-02	0.14	control
miR_301a_3p	2544781	DTNB	-0.76	0.33	-2.3	2.20E-02	0.14	case
miR_126_3p	2726323	SLAIN2	-0.57	0.25	-2.3	2.20E-02	0.14	control
miR_330_3p	2662331	CAMK1	-0.95	0.41	-2.3	2.20E-02	0.14	case
miR_20b_5p	2890413	RNF130	-0.51	0.22	-2.3	2.20E-02	0.14	control
miR_148b_3p	3317569		-0.43	0.19	-2.3	2.20E-02	0.14	case
miR_590_5p	2945677	C6orf62	-0.26	0.11	-2.3	2.20E-02	0.14	control
miR_20b_5p	3768280	C17orf58	0.56	0.24	2.3	2.20E-02	0.14	case
let_7d_5p	2820925	RHOBTB3	-0.53	0.23	-2.3	2.20E-02	0.14	control
miR_19b_3p	3090053	SLC25A37	-0.53	0.23	-2.3	2.20E-02	0.14	control
miR_93_5p	2877639	SIL1	-0.83	0.36	-2.3	2.20E-02	0.14	case
miR_423_5p	3919834	CBR3	-0.49	0.21	-2.3	2.20E-02	0.14	case
miR_93_5p	2474977	FOSL2	-0.89	0.39	-2.3	2.20E-02	0.14	case
miR_664_3p	3883971	C20orf24	-0.61	0.27	-2.3	2.20E-02	0.14	control
miR_20a_5p	2609960	TLL3	-0.74	0.32	-2.29	2.20E-02	0.14	case
miR_146a_5p	2971801	MAN1A1	-0.52	0.23	-2.29	2.20E-02	0.14	control
let_7g_5p	3821095	TSPAN16	-0.32	0.14	-2.29	2.20E-02	0.14	case

miR_181a_5p	2820925	RHOBTB3	-0.49	0.22	-2.29	2.20E-02	0.14	control
miR_590_5p	2890605	MAPK9	-0.26	0.11	-2.29	2.20E-02	0.14	control
let_7c	3906062	ZHX3	1.25	0.55	2.29	2.20E-02	0.14	control
miR_222_3p	2545811	PPM1G	-0.53	0.23	-2.29	2.20E-02	0.14	case
miR_1275	3244622	ALOX5	-0.47	0.21	-2.29	2.20E-02	0.14	case
miR_590_5p	2724472	UBE2K	-0.28	0.12	-2.29	2.20E-02	0.14	control
miR_301a_3p	2562198	TGOLN2	-0.45	0.2	-2.29	2.20E-02	0.14	case
miR_301a_3p	3293963	DNAJB12	-0.82	0.36	-2.29	2.20E-02	0.14	case
miR_320a	3852880	EMR2	-0.58	0.25	-2.29	2.20E-02	0.14	case
miR_16_1_3p	3741997	ANKFY1	-0.71	0.31	-2.29	2.20E-02	0.14	case
miR_17_5p	2820925	RHOBTB3	-0.46	0.2	-2.29	2.20E-02	0.14	control
miR_1255b_5p	3127775	TNFRSF10A	-0.65	0.28	-2.29	2.20E-02	0.14	case
miR_93_5p	3821095	TSPAN16	-0.38	0.16	-2.29	2.20E-02	0.14	case
miR_181a_5p	3978999	UBQLN2	-0.95	0.41	-2.29	2.20E-02	0.14	case
miR_24_2_5p	3904508	SLA2	-0.94	0.41	-2.29	2.20E-02	0.14	case
miR_222_3p	2361731	PRCC	-0.67	0.29	-2.29	2.20E-02	0.14	case
miR_181a_5p	4027769	CLIC2	-0.35	0.15	-2.28	2.20E-02	0.14	control
miR_181a_5p	2971801	MAN1A1	-0.53	0.23	-2.28	2.20E-02	0.14	control
miR_29b_2_5p	2450345	KIF14	-0.62	0.27	-2.28	2.20E-02	0.14	control
miR_210	3830216	FXYD5	-0.57	0.25	-2.28	2.20E-02	0.14	case
miR_185_5p	3682445	XYLT1	-0.76	0.33	-2.28	2.20E-02	0.14	case
miR_301a_3p	2436228	GATAD2B	-0.39	0.17	-2.28	2.20E-02	0.14	case
miR_181a_5p	2995254	C7orf41	-0.55	0.24	-2.28	2.20E-02	0.14	control
miR_210	3335952	PACS1	-0.48	0.21	-2.28	2.20E-02	0.14	case
miR_138_5p	3261820	TRIM8	-0.97	0.42	-2.28	2.30E-02	0.14	case
let_7g_5p	2820925	RHOBTB3	-0.41	0.18	-2.28	2.30E-02	0.14	control
miR_590_5p	3058944	HGF	-0.12	0.05	-2.28	2.30E-02	0.14	control
miR_222_3p	3192653	GTF3C5	-0.66	0.29	-2.28	2.30E-02	0.14	case
miR_22_3p	3400034	WNK1	-0.4	0.18	-2.28	2.30E-02	0.14	control
miR_24_2_5p	3272834	MTG1	-1.19	0.52	-2.28	2.30E-02	0.14	case
miR_106b_5p	3309602	RGS10	-0.43	0.19	-2.28	2.30E-02	0.14	control
miR_142_5p	3381607	RAB6A	-0.77	0.34	-2.28	2.30E-02	0.14	control
miR_210	2644014	PCCB	-0.65	0.28	-2.28	2.30E-02	0.14	case
let_7d_3p	3277662	UPF2	0.27	0.12	2.28	2.30E-02	0.14	control
miR_93_5p	2954025	TRERF1	-1.17	0.51	-2.28	2.30E-02	0.14	case
miR_324_3p	3053691	GUSB	-0.7	0.31	-2.28	2.30E-02	0.14	case
miR_20a_5p	2793401	MFAP3L	-0.44	0.19	-2.28	2.30E-02	0.14	control
miR_106b_5p	2730673	MOBK1A	-0.35	0.15	-2.28	2.30E-02	0.14	control

miR_184	2881860	CCDC69	-0.53	0.23	-2.28	2.30E-02	0.14	case
miR_210	2778856	TSPAN5	-0.24	0.11	-2.28	2.30E-02	0.14	control
miR_301a_3p	3414632	DIP2B	-0.48	0.21	-2.28	2.30E-02	0.14	case
miR_22_5p	3683018	RPS15A	-0.28	0.12	-2.28	2.30E-02	0.14	control
miR_210	3861413	MAP4K1	-0.41	0.18	-2.28	2.30E-02	0.14	case
miR_106b_5p	2832081	ZMAT2	-0.39	0.17	-2.27	2.30E-02	0.14	control
miR_340_5p	2383859	GUK1	0.6	0.26	2.27	2.30E-02	0.14	case
miR_301a_3p	2662331	CAMK1	-0.69	0.31	-2.27	2.30E-02	0.14	case
miR_20b_5p	2779992	UBE2D3	-0.8	0.35	-2.27	2.30E-02	0.14	control
miR_221_3p	2854445	DAB2	-0.54	0.24	-2.27	2.30E-02	0.14	control
miR_93_5p	2624291	PRKCD	-0.51	0.23	-2.27	2.30E-02	0.14	case
miR_106b_5p	2396009	LZIC	-0.47	0.21	-2.27	2.30E-02	0.14	control
let_7c	3732793	ARSG	0.67	0.29	2.27	2.30E-02	0.14	control
miR_148a_3p	2778980	EIF4E	-0.2	0.09	-2.27	2.30E-02	0.14	control
miR_144_5p	3742727	DHX33	-0.5	0.22	-2.27	2.30E-02	0.14	case
miR_1275	3027204	TBXAS1	-0.54	0.24	-2.27	2.30E-02	0.14	case
miR_16_1_3p	2496628	C2orf29	-1.19	0.52	-2.27	2.30E-02	0.14	control
miR_27a_5p	2829171	TCF7	-0.58	0.25	-2.27	2.30E-02	0.14	case
miR_378a_5p	3417435	MYL6B	-1.11	0.49	-2.27	2.30E-02	0.14	case
miR_197_3p	3956781	AP1B1	-0.83	0.36	-2.27	2.30E-02	0.14	case
miR_320a	3458857	AVIL	-1.05	0.46	-2.27	2.30E-02	0.14	case
miR_106b_5p	2724154	KLHL5	-0.48	0.21	-2.27	2.30E-02	0.14	control
miR_210	2591421	TFPI	-0.47	0.21	-2.27	2.30E-02	0.14	control
miR_301a_3p	3457752	STAT2	-0.36	0.16	-2.27	2.30E-02	0.14	case
let_7c	3328600	TSPAN18	-0.51	0.22	-2.27	2.30E-02	0.14	case
miR_148a_3p	3594986	TEX9	-0.18	0.08	-2.27	2.30E-02	0.14	control
miR_370	2779992	UBE2D3	-0.79	0.35	-2.27	2.30E-02	0.14	control
miR_502_3p	2466379	LOC100128185	0.54	0.24	2.27	2.30E-02	0.14	control
miR_106b_5p	3066818	NAMPT	-0.58	0.25	-2.27	2.30E-02	0.14	control
miR_197_3p	3829020	PDCD5	1.07	0.47	2.27	2.30E-02	0.14	control
miR_26b_5p	3394092	SLC37A4	0.66	0.29	2.27	2.30E-02	0.14	case
miR_197_3p	3250699	EIF4EBP2	-0.84	0.37	-2.27	2.30E-02	0.14	case
miR_340_5p	2737840	CISD2	0.57	0.25	2.27	2.30E-02	0.14	case
miR_454_3p	3865715	SYMPK	-0.66	0.29	-2.27	2.30E-02	0.14	case
miR_196b_5p	2724472	UBE2K	-0.66	0.29	-2.27	2.30E-02	0.14	control
miR_671_3p	2408955	TMSB4X	-0.6	0.27	-2.27	2.30E-02	0.14	control
miR_301a_3p	3336696	KDM2A	-0.48	0.21	-2.27	2.30E-02	0.14	case
miR_138_5p	3996339	TAZ	-0.95	0.42	-2.27	2.30E-02	0.14	control

miR_7_5p	3456260	ATF7	-0.4	0.18	-2.26	2.40E-02	0.14	case
miR_210	3654859	ATXN2L	-0.87	0.39	-2.26	2.40E-02	0.14	case
miR_197_3p	3957003	ASCC2	-0.56	0.25	-2.26	2.40E-02	0.14	case
miR_148a_3p	3910785	AURKA	-0.44	0.19	-2.26	2.40E-02	0.14	control
miR_142_3p	3192353	NTNG2	-0.66	0.29	-2.26	2.40E-02	0.14	control
miR_103a_3p	2587618	OLA1	-0.7	0.31	-2.26	2.40E-02	0.14	control
miR_671_3p	3071700	IMPDH1	-1.29	0.57	-2.26	2.40E-02	0.14	control
miR_222_3p	2609870	BRPF1	-0.59	0.26	-2.26	2.40E-02	0.14	case
miR_501_3p	3894765	SIRPG	-0.68	0.3	-2.26	2.40E-02	0.14	case
miR_532_3p	2553576	RTN4	-1.5	0.66	-2.26	2.40E-02	0.14	control
miR_138_5p	3603687	TMED3	-1.18	0.52	-2.26	2.40E-02	0.14	control
miR_197_3p	2396537	MTOR	-0.93	0.41	-2.26	2.40E-02	0.14	case
miR_106a_5p	2406420	CLSPN	-0.55	0.24	-2.26	2.40E-02	0.14	control
miR_222_3p	3724360	GOSR2	-0.46	0.21	-2.26	2.40E-02	0.14	case
miR_197_3p	2331505	MACF1	0.65	0.29	2.26	2.40E-02	0.14	control
miR_24_2_5p	3961842	RANGAP1	-1.22	0.54	-2.26	2.40E-02	0.14	case
miR_20a_5p	2591421	TFPI	-0.48	0.21	-2.26	2.40E-02	0.14	control
miR_103a_3p	2539607	MBOAT2	-0.45	0.2	-2.26	2.40E-02	0.14	control
miR_148b_5p	3475782	GPR109A	-0.51	0.22	-2.26	2.40E-02	0.14	control
miR_301a_3p	3822049	CALR	-0.44	0.2	-2.26	2.40E-02	0.14	case
miR_17_5p	2881860	CCDC69	-0.58	0.26	-2.26	2.40E-02	0.14	case
miR_29b_2_5p	3101893	CSPP1	-0.41	0.18	-2.26	2.40E-02	0.14	control
miR_625_5p	3445123	HEBP1	-0.36	0.16	-2.26	2.40E-02	0.14	control
miR_320a	3757840	STAT3	-0.62	0.28	-2.26	2.40E-02	0.14	case
miR_329	3250019	DDX50	-1.21	0.54	-2.26	2.40E-02	0.14	case
miR_210	2363084	NCSTN	-0.58	0.26	-2.26	2.40E-02	0.14	case
miR_181a_5p	2594812	TRAK2	-0.34	0.15	-2.26	2.40E-02	0.14	control
miR_629_5p	3825713	GATAD2A	-0.93	0.41	-2.25	2.40E-02	0.14	case
miR_1227	3592484	PLDN	0.37	0.16	2.25	2.40E-02	0.14	case
miR_93_5p	2588827	NFE2L2	-0.57	0.25	-2.25	2.40E-02	0.14	control
miR_181a_5p	2609960	TLL3	-0.87	0.39	-2.25	2.40E-02	0.14	case
miR_138_5p	3226804	SH3GLB2	-1.17	0.52	-2.25	2.40E-02	0.14	control
miR_20b_5p	2503200	RALB	-0.42	0.19	-2.25	2.40E-02	0.14	control
miR_1275	2475116	PLB1	-0.7	0.31	-2.25	2.40E-02	0.14	case
miR_181a_5p	3788976	RAB27B	-0.38	0.17	-2.25	2.40E-02	0.14	control
miR_92a_3p	2733898	THAP9	1.84	0.82	2.25	2.40E-02	0.14	case
miR_221_3p	3608220	CRTC3	-0.63	0.28	-2.25	2.40E-02	0.14	case
miR_339_3p	3747199	CENPV	-0.54	0.24	-2.25	2.40E-02	0.14	case

miR_425_3p	3819522	2-Mar	0.54	0.24	2.25	2.40E-02	0.14	control
miR_29c_3p	3244488	RASSF4	-0.57	0.25	-2.25	2.40E-02	0.14	case
miR_629_5p	3852880	EMR2	-0.51	0.23	-2.25	2.40E-02	0.14	case
miR_93_5p	3336696	KDM2A	-0.59	0.26	-2.25	2.40E-02	0.14	case
miR_106b_5p	2447454	ARPC5	-1.34	0.6	-2.25	2.40E-02	0.14	control
miR_301a_3p	3053691	GUSB	-0.52	0.23	-2.25	2.40E-02	0.14	case
miR_17_5p	3820921	SMARCA4	-0.53	0.24	-2.25	2.40E-02	0.14	case
miR_106a_5p	2609960	TTL3	-0.78	0.35	-2.25	2.40E-02	0.14	case
miR_148b_5p	3123675	PPP1R3B	-0.6	0.27	-2.25	2.40E-02	0.14	control
miR_320a	2361731	PRCC	-1.12	0.5	-2.25	2.40E-02	0.14	case
miR_106b_5p	2995254	C7orf41	-0.48	0.21	-2.25	2.40E-02	0.14	control
miR_106a_5p	2474977	FOSL2	-0.81	0.36	-2.25	2.40E-02	0.14	case
miR_1275	3130823	C8orf41	-0.56	0.25	-2.25	2.40E-02	0.14	control
let_7c	2766532	UBE2K	-0.66	0.3	-2.25	2.50E-02	0.14	control
miR_17_5p	3372253	CELF1	-0.7	0.31	-2.25	2.50E-02	0.14	case
miR_181a_5p	2395245	RERE	-0.99	0.44	-2.25	2.50E-02	0.14	case
miR_744_5p	2620538	LARS2	-1.12	0.5	-2.25	2.50E-02	0.14	case
miR_424_3p	3630099	TIPIN	0.44	0.19	2.25	2.50E-02	0.14	case
miR_301a_3p	2715820	HTT	-0.54	0.24	-2.25	2.50E-02	0.14	case
miR_106a_5p	2726323	SLAIN2	-0.58	0.26	-2.25	2.50E-02	0.14	control
let_7d_3p	4022106	MBNL3	0.22	0.1	2.25	2.50E-02	0.14	control
miR_197_3p	2353477	ATP1A1	-0.67	0.3	-2.25	2.50E-02	0.14	case
miR_197_3p	3851603	DHPS	-0.64	0.29	-2.25	2.50E-02	0.14	case
miR_106a_5p	2428313	ST7L	-0.72	0.32	-2.25	2.50E-02	0.14	control
let_7g_5p	3477967		-0.35	0.16	-2.25	2.50E-02	0.14	case
miR_664_3p	3892452	LSM14B	0.4	0.18	2.25	2.50E-02	0.14	case
miR_425_3p	2951730	SLC26A8	-0.52	0.23	-2.25	2.50E-02	0.14	control
miR_139_5p	2903285	PSMB9	-0.71	0.31	-2.25	2.50E-02	0.14	control
miR_17_5p	2562233	RETSAT	-0.71	0.32	-2.25	2.50E-02	0.14	case
let_7d_3p	3788976	RAB27B	0.21	0.1	2.24	2.50E-02	0.14	control
miR_532_5p	2353988	FAM46C	-0.53	0.24	-2.24	2.50E-02	0.14	control
miR_629_5p	3553141	TECPR2	-0.68	0.3	-2.24	2.50E-02	0.14	case
miR_629_3p	2434129	HIST2H2AB	-0.38	0.17	-2.24	2.50E-02	0.14	control
miR_766_3p	2940202	F13A1	0.27	0.12	2.24	2.50E-02	0.14	case
miR_106a_5p	2351171	FAM40A	-0.81	0.36	-2.24	2.50E-02	0.14	case
miR_148a_3p	2373693	LHX9	0.69	0.31	2.24	2.50E-02	0.14	control
miR_106a_5p	2451463	ADIPOR1	-0.45	0.2	-2.24	2.50E-02	0.14	control
miR_193b_3p	2864449	SERINC5	-0.65	0.29	-2.24	2.50E-02	0.14	control

miR_16_1_3p	3155937	TRAPPC9	-0.86	0.38	-2.24	2.50E-02	0.14	case
miR_197_3p	3677752	TRAP1	-0.95	0.42	-2.24	2.50E-02	0.14	case
miR_210	3402571	NCAPD2	-0.52	0.23	-2.24	2.50E-02	0.14	case
miR_93_5p	3908831	ZNFX1	-0.4	0.18	-2.24	2.50E-02	0.14	case
miR_93_5p	2361731	PRCC	-0.76	0.34	-2.24	2.50E-02	0.14	case
miR_7_5p	3457752	STAT2	-0.25	0.11	-2.24	2.50E-02	0.14	case
miR_301a_3p	3737338	RNF213	-0.33	0.15	-2.24	2.50E-02	0.14	case
miR_17_5p	3894765	SIRPG	-0.5	0.22	-2.24	2.50E-02	0.14	case
miR_222_3p	3771336	EXOC7	-0.44	0.2	-2.24	2.50E-02	0.14	case
miR_106a_5p	3118651	DENND3	-0.57	0.25	-2.24	2.50E-02	0.14	case
miR_197_3p	2881747	ANXA6	-0.64	0.29	-2.24	2.50E-02	0.14	case
miR_17_5p	3764738	SKA2	0.38	0.17	2.24	2.50E-02	0.14	case
let_7g_5p	2437736	RIT1	-0.6	0.27	-2.24	2.50E-02	0.14	control
miR_744_5p	3074640	LUZP6	-1.15	0.51	-2.24	2.50E-02	0.14	control
miR_26a_5p	2443476	SELE	1.26	0.57	2.24	2.50E-02	0.14	control
miR_590_5p	3591365	ADAL	-0.17	0.08	-2.24	2.50E-02	0.14	control
miR_148a_3p	2752725	NEIL3	-0.35	0.16	-2.24	2.50E-02	0.14	control
miR_150_5p	2855058	OXCT1	1.08	0.48	2.24	2.50E-02	0.14	case
miR_1275	3848984	PRAM1	-0.5	0.22	-2.24	2.50E-02	0.14	case
miR_301a_3p	2458773	PARP1	-0.36	0.16	-2.23	2.50E-02	0.14	case
miR_17_5p	3203962	KIF24	-0.4	0.18	-2.23	2.50E-02	0.14	control
miR_629_5p	2484752	COMMD1	-0.54	0.24	-2.23	2.60E-02	0.14	case
miR_1275	2890148	HNRNPH1	0.52	0.23	2.23	2.60E-02	0.14	case
miR_210	3554592	BTBD6	-0.36	0.16	-2.23	2.60E-02	0.14	case
miR_139_3p	2958670	RAB23	-0.41	0.18	-2.23	2.60E-02	0.14	control
miR_744_5p	2437736	RIT1	-0.87	0.39	-2.23	2.60E-02	0.14	control
miR_29c_3p	3235726	OPTN	-0.26	0.12	-2.23	2.60E-02	0.14	control
miR_301a_3p	3557106	ACIN1	-0.62	0.28	-2.23	2.60E-02	0.14	case
miR_1255b_5p	3623865	SPPL2A	0.57	0.25	2.23	2.60E-02	0.14	case
miR_301a_3p	2359817	INTS3	-0.45	0.2	-2.23	2.60E-02	0.14	case
miR_505_5p	3060917	MTERF	0.43	0.19	2.23	2.60E-02	0.14	case
miR_144_5p	2676471	TMEM110	-0.36	0.16	-2.23	2.60E-02	0.14	case
miR_18a_3p	2505957	PLEKHB2	-0.68	0.31	-2.23	2.60E-02	0.14	control
let_7d_3p	3573994	C14orf145	0.27	0.12	2.23	2.60E-02	0.14	control
miR_197_3p	3526831	RASA3	-0.73	0.33	-2.23	2.60E-02	0.14	case
miR_301a_3p	2431112	NOTCH2	-0.44	0.2	-2.23	2.60E-02	0.14	case
miR_181a_5p	2326640	ARID1A	-0.87	0.39	-2.23	2.60E-02	0.14	case
miR_433	2338487	FGGY	1.57	0.71	2.23	2.60E-02	0.14	case

miR_17_5p	2575196	SAP130	-0.77	0.34	-2.23	2.60E-02	0.14	case
miR_106a_5p	3382216	ARRB1	-0.43	0.19	-2.23	2.60E-02	0.14	case
miR_210	3945396	GTPBP1	-0.48	0.22	-2.23	2.60E-02	0.14	case
miR_192_5p	2801608	6-Mar	-0.8	0.36	-2.23	2.60E-02	0.14	control
miR_505_3p	2362201	CD1C	-0.44	0.2	-2.23	2.60E-02	0.14	control
miR_1275	3510963	SUGT1P3	0.33	0.15	2.23	2.60E-02	0.14	case
miR_7_1_3p	3740264	INPP5K	-0.41	0.19	-2.23	2.60E-02	0.14	control
miR_196b_5p	2655955	VPS8	-0.44	0.2	-2.23	2.60E-02	0.14	control
miR_210	2327677	EPB41	-0.32	0.14	-2.23	2.60E-02	0.14	control
miR_103a_3p	2406420	CLSPN	-0.61	0.28	-2.23	2.60E-02	0.14	control
miR_210	3945614	APOBEC3F	-0.35	0.16	-2.22	2.60E-02	0.14	case
miR_301a_3p	3328745	PRDM11	0.76	0.34	2.22	2.60E-02	0.14	control
miR_210	2694397	RPN1	-0.52	0.23	-2.22	2.60E-02	0.14	case
miR_660_5p	2587618	OLA1	-0.67	0.3	-2.22	2.60E-02	0.14	control
miR_210	3890109	C20orf108	-0.51	0.23	-2.22	2.60E-02	0.14	control
miR_106a_5p	2437801	ARHGFE2	-0.68	0.3	-2.22	2.60E-02	0.14	case
miR_29b_2_5p	2752725	NEIL3	-0.46	0.21	-2.22	2.60E-02	0.14	control
let_7g_5p	2779992	UBE2D3	-0.8	0.36	-2.22	2.60E-02	0.14	control
miR_197_3p	3935300	MCM3AP	-1.06	0.48	-2.22	2.60E-02	0.14	case
miR_590_5p	3439178	PXMP2	-0.39	0.18	-2.22	2.60E-02	0.14	case
miR_20b_5p	2539607	MBOAT2	-0.35	0.16	-2.22	2.60E-02	0.14	control
miR_1275	2698693	GK5	0.47	0.21	2.22	2.60E-02	0.14	case
miR_222_3p	3339261	IL18BP	-0.68	0.31	-2.22	2.60E-02	0.14	case
miR_148b_5p	3869237	FPR1	-0.51	0.23	-2.22	2.60E-02	0.14	control
miR_29b_2_5p	3168508	MELK	-0.55	0.25	-2.22	2.70E-02	0.14	control
miR_155_5p	3720739	CASC3	-0.66	0.3	-2.22	2.70E-02	0.14	case
miR_1255b_5p	7385696	SHFM1	0.54	0.24	2.22	2.70E-02	0.14	case
miR_22_3p	3269373	ZRANB1	-0.32	0.15	-2.22	2.70E-02	0.14	control
miR_1275	3927105	MRPL39	0.43	0.19	2.22	2.70E-02	0.14	case
miR_532_5p	3372253	CELF1	-0.8	0.36	-2.22	2.70E-02	0.14	case
miR_210	3232349	PFKP	-0.64	0.29	-2.22	2.70E-02	0.14	case
miR_139_3p	2831209	PAIP2	-0.54	0.24	-2.22	2.70E-02	0.14	control
miR_103a_3p	3105430	LRRCC1	-0.5	0.22	-2.22	2.70E-02	0.14	control
miR_181a_5p	2431112	NOTCH2	-0.59	0.27	-2.22	2.70E-02	0.14	case
miR_210	2359817	INTS3	-0.49	0.22	-2.22	2.70E-02	0.14	case
miR_454_3p	2726323	SLAIN2	-0.52	0.24	-2.22	2.70E-02	0.14	control
miR_193b_3p	2862841	GCNT4	-0.39	0.18	-2.22	2.70E-02	0.14	control
miR_425_3p	3883971	C20orf24	-0.68	0.3	-2.22	2.70E-02	0.14	control

miR_590_5p	2628682	ARL6IP5	-0.27	0.12	-2.22	2.70E-02	0.14	control
miR_106a_5p	2321911	DDI2	-0.5	0.23	-2.21	2.70E-02	0.14	control
miR_18a_3p	3744680	PIK3R5	-0.9	0.4	-2.21	2.70E-02	0.14	control
miR_93_5p	2832081	ZMAT2	-0.38	0.17	-2.21	2.70E-02	0.14	control
miR_628_3p	3479438	CHFR	-0.61	0.28	-2.21	2.70E-02	0.14	case
miR_197_3p	2413685	SSBP3	-0.4	0.18	-2.21	2.70E-02	0.14	case
miR_146a_5p	3192609	GFI1B	-0.73	0.33	-2.21	2.70E-02	0.14	control
miR_221_3p	2545811	PPM1G	-0.69	0.31	-2.21	2.70E-02	0.14	case
miR_590_5p	2768468	FRYL	-0.2	0.09	-2.21	2.70E-02	0.14	control
miR_146a_5p	2591421	TFPI	-0.58	0.26	-2.21	2.70E-02	0.14	control
miR_197_3p	2655476	AP2M1	-0.59	0.27	-2.21	2.70E-02	0.14	case
miR_181a_5p	2363084	NCSTN	-0.67	0.3	-2.21	2.70E-02	0.14	case
miR_106b_5p	2958670	RAB23	-0.4	0.18	-2.21	2.70E-02	0.14	control
miR_766_3p	2429371	TSPAN2	0.33	0.15	2.21	2.70E-02	0.14	case
miR_25_5p	3765580	BRIP1	-0.43	0.2	-2.21	2.70E-02	0.14	control
miR_1275	2413180	MAGOH	0.43	0.2	2.21	2.70E-02	0.14	case
miR_106a_5p	2594812	TRAK2	-0.28	0.13	-2.21	2.70E-02	0.14	control
miR_590_5p	2318637	VAMP3	-0.33	0.15	-2.21	2.70E-02	0.14	control
miR_155_5p	3868283	VRK3	-0.65	0.29	-2.21	2.70E-02	0.14	case
miR_197_3p	2501204	IL1RN	-0.96	0.43	-2.21	2.70E-02	0.14	control
miR_210	3835935	CLPTM1	-0.61	0.27	-2.21	2.70E-02	0.14	case
miR_106a_5p	2997376	ANLN	-0.69	0.31	-2.21	2.70E-02	0.14	control
miR_197_3p	3332729	CD5	-0.65	0.3	-2.21	2.70E-02	0.14	case
miR_15b_3p	3832978	ZFP36	-0.51	0.23	-2.21	2.70E-02	0.14	control
miR_210	3381607	RAB6A	-0.51	0.23	-2.21	2.70E-02	0.14	control
miR_155_5p	3610804	IGF1R	-0.39	0.18	-2.21	2.70E-02	0.14	case
miR_24_2_5p	3843677	NAG18	0.28	0.13	2.21	2.70E-02	0.14	control
miR_15b_3p	3883971	C20orf24	-0.56	0.25	-2.21	2.70E-02	0.14	control
miR_144_5p	3372253	CELF1	-0.39	0.18	-2.21	2.70E-02	0.14	case
miR_195_5p	2448232	TPR	-0.29	0.13	-2.21	2.70E-02	0.14	control
miR_20a_5p	2775858	LIN54	-0.62	0.28	-2.21	2.70E-02	0.14	control
miR_106a_5p	3763656	TRIM25	-0.45	0.2	-2.21	2.70E-02	0.14	case
miR_340_5p	3929038	C21orf45	-1.49	0.67	-2.21	2.70E-02	0.14	control
miR_93_5p	2726323	SLAIN2	-0.62	0.28	-2.21	2.70E-02	0.14	control
miR_20b_5p	2437736	RIT1	-0.55	0.25	-2.21	2.70E-02	0.14	control
miR_106a_5p	2713555	KIAA0226	-0.71	0.32	-2.21	2.70E-02	0.14	case
miR_197_3p	3293840	SPOCK2	-1	0.45	-2.21	2.70E-02	0.14	case
miR_20a_5p	2495446	INPP4A	-0.61	0.27	-2.2	2.70E-02	0.14	case

miR_181a_5p	3569814	ACTN1	-0.49	0.22	-2.2	2.70E-02	0.14	case
miR_192_5p	3394092	SLC37A4	1.07	0.49	2.2	2.70E-02	0.14	case
miR_548d_3p	3306984	GPAM	-1.66	0.75	-2.2	2.70E-02	0.14	case
let_7b_5p	2766532	UBE2K	-0.54	0.25	-2.2	2.80E-02	0.14	control
miR_210	3862785	C19orf54	-0.81	0.37	-2.2	2.80E-02	0.14	case
miR_210	3772581	USP36	-0.64	0.29	-2.2	2.80E-02	0.14	case
miR_18a_3p	3740264	INPP5K	-0.67	0.3	-2.2	2.80E-02	0.14	control
miR_340_5p	3527745	METT11D1	-1.09	0.5	-2.2	2.80E-02	0.14	control
miR_1275	3986230	CXorf57	0.55	0.25	2.2	2.80E-02	0.14	case
miR_106a_5p	2958670	RAB23	-0.39	0.18	-2.2	2.80E-02	0.14	control
miR_941	3168508	MELK	-0.63	0.29	-2.2	2.80E-02	0.14	control
miR_495	3970130	SYAP1	0.65	0.3	2.2	2.80E-02	0.14	control
miR_29c_3p	2353988	FAM46C	-0.43	0.2	-2.2	2.80E-02	0.14	control
miR_1275	3428088	ACTR6	0.33	0.15	2.2	2.80E-02	0.14	case
miR_20b_5p	2732942	BMP2K	-0.45	0.21	-2.2	2.80E-02	0.14	control
miR_181a_5p	3431892	SH2B3	-1.1	0.5	-2.2	2.80E-02	0.14	case
miR_1254	3131741	RAB11FIP1	-0.69	0.31	-2.2	2.80E-02	0.14	case
miR_7_5p	3402571	NCAPD2	-0.39	0.18	-2.2	2.80E-02	0.14	case
miR_103a_3p	2447454	ARPC5	-1.46	0.66	-2.2	2.80E-02	0.14	control
miR_210	3190558	SPTAN1	-0.34	0.15	-2.2	2.80E-02	0.14	case
miR_20b_5p	2591421	TFPI	-0.5	0.23	-2.2	2.80E-02	0.14	control
miR_106a_5p	2662491	TMEM111	-0.3	0.14	-2.2	2.80E-02	0.14	control
miR_744_5p	3464912	POC1B	-0.46	0.21	-2.2	2.80E-02	0.14	control
miR_1275	2566021	ACTR1B	-0.59	0.27	-2.2	2.80E-02	0.14	control
miR_16_1_3p	3430959	ACACB	-1.05	0.48	-2.2	2.80E-02	0.14	case
let_7c	2450345	KIF14	-0.47	0.21	-2.2	2.80E-02	0.14	control
miR_106b_5p	3159132	COMMD5	1.1	0.5	2.2	2.80E-02	0.14	control
miR_29c_3p	3090053	SLC25A37	-0.29	0.13	-2.2	2.80E-02	0.14	control
miR_590_5p	2664452	ANKRD28	-0.23	0.11	-2.2	2.80E-02	0.14	control
miR_590_5p	3212189	GKAP1	-0.15	0.07	-2.19	2.80E-02	0.14	control
miR_221_3p	2361731	PRCC	-0.79	0.36	-2.19	2.80E-02	0.14	case
miR_155_5p	2844410	MAML1	-1.13	0.52	-2.19	2.80E-02	0.14	case
miR_193a_5p	2893562	RREB1	-1.07	0.49	-2.19	2.80E-02	0.14	case
miR_197_3p	3436544	BRI3BP	-0.98	0.44	-2.19	2.80E-02	0.14	case
miR_17_5p	3477967		-0.38	0.17	-2.19	2.80E-02	0.14	case
miR_629_5p	2887048	STK10	-0.67	0.31	-2.19	2.80E-02	0.15	case
miR_505_5p	2562821	VPS24	0.53	0.24	2.19	2.80E-02	0.15	case
let_7b_5p	3325839	TCP11L1	0.41	0.18	2.19	2.80E-02	0.15	control

miR_222_3p	2505529	PTPN18	-0.63	0.29	-2.19	2.80E-02	0.15	case
miR_301a_3p	2905512	FTSJD2	-0.42	0.19	-2.19	2.90E-02	0.15	case
miR_17_5p	3980758	MED12	-0.46	0.21	-2.19	2.90E-02	0.15	case
miR_106b_5p	2406420	CLSPN	-0.54	0.25	-2.19	2.90E-02	0.15	control
miR_93_5p	2609960	TTLL3	-0.81	0.37	-2.19	2.90E-02	0.15	case
miR_93_5p	3075778	HIPK2	-0.63	0.29	-2.19	2.90E-02	0.15	case
miR_17_5p	3965314	BRD1	-0.88	0.4	-2.19	2.90E-02	0.15	case
miR_744_5p	3742727	DHX33	-1.09	0.5	-2.19	2.90E-02	0.15	case
miR_197_3p	3720636	PSMD3	-1.02	0.47	-2.19	2.90E-02	0.15	case
miR_1275	2972759	HDHC2	0.38	0.18	2.19	2.90E-02	0.15	case
miR_629_3p	3645836	ZNF75A	0.54	0.25	2.19	2.90E-02	0.15	control
miR_222_3p	3329724	MADD	-0.41	0.19	-2.19	2.90E-02	0.15	case
miR_374a_5p	3394092	SLC37A4	0.6	0.28	2.18	2.90E-02	0.15	case
miR_660_5p	3090053	SLC25A37	-0.35	0.16	-2.18	2.90E-02	0.15	control
miR_590_5p	3697632	ZNF23	-0.33	0.15	-2.18	2.90E-02	0.15	control
miR_130a_3p	2793401	MFAP3L	-0.47	0.22	-2.18	2.90E-02	0.15	control
let_7b_5p	3843419	ZNF211	-0.35	0.16	-2.18	2.90E-02	0.15	case
miR_20a_5p	2587618	OLA1	-0.52	0.24	-2.18	2.90E-02	0.15	control
miR_1275	3835544	ZNF227	0.59	0.27	2.18	2.90E-02	0.15	case
miR_16_1_3p	3723071	DBF4B	-1.2	0.55	-2.18	2.90E-02	0.15	case
miR_103a_3p	2958670	RAB23	-0.44	0.2	-2.18	2.90E-02	0.15	control
miR_181a_5p	2954025	TRERF1	-1.15	0.53	-2.18	2.90E-02	0.15	case
miR_7_5p	3217123	TRIM14	-0.56	0.26	-2.18	2.90E-02	0.15	case
miR_301a_3p	2830742	KDM3B	-0.43	0.2	-2.18	2.90E-02	0.15	case
miR_1275	2339740	EFCAB7	0.52	0.24	2.18	2.90E-02	0.15	case
miR_106a_5p	2486178	MEIS1	-0.57	0.26	-2.18	2.90E-02	0.15	control
miR_146a_5p	2726323	SLAIN2	-0.67	0.31	-2.18	2.90E-02	0.15	control
miR_502_3p	2858592	DEPDC1B	-0.67	0.31	-2.18	2.90E-02	0.15	control
miR_345_5p	2953570	TREM1	-0.35	0.16	-2.18	2.90E-02	0.15	control
miR_629_3p	3848984	PRAM1	-0.66	0.3	-2.18	2.90E-02	0.15	case
let_7d_3p	3563861	CDKL1	0.71	0.33	2.18	2.90E-02	0.15	control
miR_106a_5p	3623865	SPPL2A	0.51	0.23	2.18	2.90E-02	0.15	case
miR_24_2_5p	3712363	MPRIP	-0.41	0.19	-2.18	2.90E-02	0.15	case
miR_197_3p	3861978	PAF1	-0.74	0.34	-2.18	2.90E-02	0.15	case
miR_210	3591674	C15orf63	-0.55	0.25	-2.18	2.90E-02	0.15	case
let_7d_3p	3182781	SMC2	0.35	0.16	2.18	2.90E-02	0.15	control
miR_590_5p	2544238	ITSN2	-0.3	0.14	-2.18	2.90E-02	0.15	control
miR_16_1_3p	3712363	MPRIP	-0.47	0.22	-2.18	2.90E-02	0.15	case

miR_199a_3p	3816414	LOC100129831	0.5	0.23	2.18	2.90E-02	0.15	control
miR_425_3p	2887309	DUSP1	-0.42	0.19	-2.18	2.90E-02	0.15	control
miR_17_5p	3821095	TSPAN16	-0.33	0.15	-2.18	2.90E-02	0.15	case
miR_106a_5p	3563395	POLE2	-0.37	0.17	-2.18	3.00E-02	0.15	control
miR_27a_5p	3646164	DNAJA3	-0.84	0.39	-2.18	3.00E-02	0.15	case
miR_15b_3p	3457160	CD63	-0.68	0.31	-2.18	3.00E-02	0.15	control
miR_1275	3667890	HPR	-0.45	0.21	-2.18	3.00E-02	0.15	case
miR_24_2_5p	3659966	ADCY7	-0.99	0.46	-2.18	3.00E-02	0.15	case
miR_210	3316447	AP2A2	-0.66	0.31	-2.18	3.00E-02	0.15	case
miR_320a	2793401	MFAP3L	-0.6	0.28	-2.18	3.00E-02	0.15	control
miR_152	2320472	CLCN6	-0.73	0.34	-2.18	3.00E-02	0.15	case
miR_197_3p	3746040	ELAC2	-1.33	0.61	-2.17	3.00E-02	0.15	case
miR_144_5p	3942179	MTMR3	-0.31	0.14	-2.17	3.00E-02	0.15	case
let_7c	3632152	HEXA	0.61	0.28	2.17	3.00E-02	0.15	control
miR_17_5p	3334025	MARK2	-0.59	0.27	-2.17	3.00E-02	0.15	case
miR_103a_3p	2995254	C7orf41	-0.52	0.24	-2.17	3.00E-02	0.15	control
miR_505_5p	2479640	PPM1B	0.64	0.3	2.17	3.00E-02	0.15	case
miR_654_5p	3246888	PRKG1	-0.75	0.35	-2.17	3.00E-02	0.15	control
let_7g_5p	2963784	AKIRIN2	-0.71	0.33	-2.17	3.00E-02	0.15	control
miR_590_5p	3065480	NAPEPLD	-0.25	0.12	-2.17	3.00E-02	0.15	control
miR_210	3801411	NPC1	-0.47	0.22	-2.17	3.00E-02	0.15	case
miR_93_5p	2503200	RALB	-0.44	0.2	-2.17	3.00E-02	0.15	control
miR_127_3p	2365933	LOC100128751	0.36	0.17	2.17	3.00E-02	0.15	control
miR_210	3203482	BAG1	-0.35	0.16	-2.17	3.00E-02	0.15	control
miR_454_3p	2620538	LARS2	-0.59	0.27	-2.17	3.00E-02	0.15	case
miR_20b_5p	3074640	LUZP6	-0.7	0.32	-2.17	3.00E-02	0.15	control
miR_28_5p	3066818	NAMPT	-0.65	0.3	-2.17	3.00E-02	0.15	control
miR_766_3p	3012978	GNG11	0.24	0.11	2.17	3.00E-02	0.15	case
miR_16_1_3p	3937183	DGCR8	-0.73	0.33	-2.17	3.00E-02	0.15	case
miR_27a_3p	2324416	ALPL	-0.41	0.19	-2.17	3.00E-02	0.15	control
miR_197_3p	3250278	HK1	-0.66	0.31	-2.17	3.00E-02	0.15	case
miR_106b_5p	2587618	OLA1	-0.58	0.27	-2.17	3.00E-02	0.15	control
miR_197_3p	3332663	CD6	-1	0.46	-2.17	3.00E-02	0.15	case
let_7b_5p	2715634	ADD1	-0.48	0.22	-2.17	3.00E-02	0.15	case
miR_454_3p	3820758	DNM2	-0.43	0.2	-2.17	3.00E-02	0.15	case
miR_1282	2323743	RPS14	-1.46	0.67	-2.17	3.00E-02	0.15	control
miR_590_5p	2345196	HS2ST1	-0.33	0.15	-2.17	3.00E-02	0.15	control
miR_17_5p	2775858	LIN54	-0.67	0.31	-2.17	3.00E-02	0.15	control

miR_197_3p	2640916	ABTB1	-0.74	0.34	-2.17	3.00E-02	0.15	control
miR_106a_5p	2449559	ASPM	-0.58	0.27	-2.17	3.00E-02	0.15	control
miR_148a_3p	3101893	CSPP1	-0.27	0.12	-2.17	3.00E-02	0.15	control
miR_30c_5p	3088544	ATP6V1B2	-1.28	0.59	-2.17	3.00E-02	0.15	control
miR_1227	2773358	PPBP	0.24	0.11	2.17	3.00E-02	0.15	case
miR_197_3p	3874438	CDC25B	-0.98	0.45	-2.17	3.00E-02	0.15	case
miR_181a_5p	3720739	CASC3	-0.66	0.3	-2.17	3.00E-02	0.15	case
miR_330_3p	2881860	CCDC69	-0.77	0.36	-2.16	3.00E-02	0.15	case
miR_138_5p	3747199	CENPV	-0.88	0.41	-2.16	3.00E-02	0.15	case
miR_106a_5p	3037193	EIF2AK1	-0.29	0.13	-2.16	3.00E-02	0.15	control
miR_197_3p	3226369	CIZ1	-1.05	0.48	-2.16	3.00E-02	0.15	case
miR_301a_3p	3907830	ELMO2	-0.43	0.2	-2.16	3.00E-02	0.15	case
miR_106a_5p	3192609	GFI1B	-0.59	0.27	-2.16	3.10E-02	0.15	control
miR_222_3p	3015941	SRRT	-0.51	0.23	-2.16	3.10E-02	0.15	case
miR_330_3p	3114618	RNF139	0.68	0.31	2.16	3.10E-02	0.15	case
miR_221_3p	2406420	CLSPN	-0.57	0.26	-2.16	3.10E-02	0.15	control
miR_155_5p	3381063	CLPB	-1.01	0.47	-2.16	3.10E-02	0.15	case
miR_628_3p	3203962	KIF24	-0.35	0.16	-2.16	3.10E-02	0.15	control
miR_106a_5p	3131741	RAB11FIP1	-0.48	0.22	-2.16	3.10E-02	0.15	case
miR_197_3p	3846538	EEF2	-0.74	0.34	-2.16	3.10E-02	0.15	case
miR_629_3p	3572235	MLH3	0.68	0.31	2.16	3.10E-02	0.15	case
miR_20b_5p	2726323	SLAIN2	-0.55	0.25	-2.16	3.10E-02	0.15	control
miR_331_5p	3166477	ACO1	-2.44	1.13	-2.16	3.10E-02	0.15	case
miR_210	3702293	MBTPS1	-0.63	0.29	-2.16	3.10E-02	0.15	case
miR_19b_3p	2801608	6-Mar	-1.05	0.49	-2.16	3.10E-02	0.15	control
miR_106a_5p	2881860	CCDC69	-0.53	0.24	-2.16	3.10E-02	0.15	case
miR_20a_5p	2893562	RREB1	-0.89	0.41	-2.16	3.10E-02	0.15	case
miR_301a_3p	3820921	SMARCA4	-0.45	0.21	-2.16	3.10E-02	0.15	case
miR_222_3p	3382216	ARRB1	-0.36	0.17	-2.16	3.10E-02	0.15	case
miR_590_5p	2854737	PRKAA1	-0.26	0.12	-2.16	3.10E-02	0.15	control
miR_210	3677752	TRAP1	-0.56	0.26	-2.16	3.10E-02	0.15	case
miR_942	3892452	LSM14B	0.49	0.23	2.16	3.10E-02	0.15	case
miR_766_3p	2906591	APOBEC2	0.68	0.31	2.16	3.10E-02	0.15	case
miR_17_5p	3623865	SPPL2A	0.54	0.25	2.16	3.10E-02	0.15	case
miR_20b_5p	2910477	FBXO9	-0.34	0.16	-2.16	3.10E-02	0.15	control
miR_301a_3p	2360083	UBAP2L	-0.5	0.23	-2.16	3.10E-02	0.15	case
miR_502_3p	3090053	SLC25A37	-0.36	0.16	-2.16	3.10E-02	0.15	control
miR_1275	2866045	TMEM161B	0.3	0.14	2.16	3.10E-02	0.15	case

miR_181a_5p	2495446	INPP4A	-0.76	0.35	-2.16	3.10E-02	0.15	case
miR_106a_5p	2327677	EPB41	-0.34	0.16	-2.15	3.10E-02	0.15	control
miR_29b_2_5p	3474885	CAMKK2	-0.59	0.27	-2.15	3.10E-02	0.15	case
miR_423_5p	3685329	PALB2	0.81	0.38	2.15	3.10E-02	0.15	control
miR_152	3302360	MMS19	-0.91	0.42	-2.15	3.10E-02	0.15	case
miR_29b_2_5p	3294142	PLA2G12B	0.67	0.31	2.15	3.10E-02	0.15	control
miR_106b_5p	2789957	FBXW7	-0.46	0.21	-2.15	3.10E-02	0.15	control
miR_103a_3p	2353988	FAM46C	-0.53	0.25	-2.15	3.10E-02	0.15	control
miR_148a_3p	2743085	LARP1B	-0.37	0.17	-2.15	3.10E-02	0.15	control
miR_28_5p	2437736	RIT1	-0.73	0.34	-2.15	3.10E-02	0.15	control
miR_7_5p	3432030	ACAD10	-0.57	0.27	-2.15	3.10E-02	0.15	case
miR_197_3p	3571436	HEATR4	-1.61	0.75	-2.15	3.10E-02	0.15	case
miR_20b_5p	2353988	FAM46C	-0.44	0.21	-2.15	3.10E-02	0.15	control
miR_181a_5p	3018375	PRKAR2B	-0.33	0.15	-2.15	3.20E-02	0.15	control
miR_16_1_3p	2662020	RAD18	-0.77	0.36	-2.15	3.20E-02	0.15	control
miR_17_5p	2437801	ARHGEF2	-0.65	0.3	-2.15	3.20E-02	0.15	case
miR_301a_3p	2328713	TXLNA	-0.66	0.31	-2.15	3.20E-02	0.15	case
let_7d_3p	3408966	FGFR1OP2	0.22	0.1	2.15	3.20E-02	0.15	control
miR_128	2904877	MAPK14	-0.66	0.31	-2.15	3.20E-02	0.15	control
let_7d_5p	2633256	ST3GAL6	-0.54	0.25	-2.15	3.20E-02	0.15	control
miR_15b_3p	2505957	PLEKHB2	-0.53	0.24	-2.15	3.20E-02	0.15	control
let_7b_5p	3267314	BAG3	-0.62	0.29	-2.15	3.20E-02	0.15	case
miR_181a_5p	2948713	RDBP	-0.67	0.31	-2.15	3.20E-02	0.15	case
miR_181a_5p	2931970	MYCT1	-0.39	0.18	-2.15	3.20E-02	0.15	control
miR_181a_5p	2504328	GYPC	-0.4	0.19	-2.15	3.20E-02	0.15	control
miR_1275	3146661	ANKRD46	0.48	0.22	2.15	3.20E-02	0.15	case
miR_1275	3090209	ADAM28	0.31	0.15	2.15	3.20E-02	0.15	case
let_7b_5p	2450345	KIF14	-0.38	0.18	-2.15	3.20E-02	0.15	control
miR_340_5p	3892660	RPS21	-1.04	0.49	-2.15	3.20E-02	0.15	control
miR_629_3p	3221543	CDC26	0.46	0.22	2.14	3.20E-02	0.15	case
miR_1275	2953435	C6orf130	0.34	0.16	2.14	3.20E-02	0.15	case
miR_222_3p	3819880	ZNF317	-0.53	0.25	-2.14	3.20E-02	0.15	case
miR_146a_5p	2958670	RAB23	-0.43	0.2	-2.14	3.20E-02	0.15	control
miR_941	2899223	HIST1H2AE	-0.43	0.2	-2.14	3.20E-02	0.15	control
let_7c	3907934	ZNF334	-0.9	0.42	-2.14	3.20E-02	0.15	control
miR_210	2526759	ATIC	-0.37	0.17	-2.14	3.20E-02	0.15	case
miR_222_3p	2396537	MTOR	-0.44	0.21	-2.14	3.20E-02	0.15	case
miR_590_5p	3716893	ATAD5	-0.2	0.09	-2.14	3.20E-02	0.15	control

miR_532_5p	3444252	CSDA	-0.33	0.15	-2.14	3.20E-02	0.15	control
miR_197_3p	3315231	ECHS1	-0.88	0.41	-2.14	3.20E-02	0.15	case
miR_93_5p	2406420	CLSPN	-0.55	0.26	-2.14	3.20E-02	0.15	control
miR_106b_5p	2485257	UGP2	-0.38	0.18	-2.14	3.20E-02	0.15	control
miR_301a_3p	2324743	ZBTB40	-0.56	0.26	-2.14	3.20E-02	0.15	case
miR_941	3414885	SLC4A8	0.96	0.45	2.14	3.20E-02	0.15	control
miR_18a_3p	2989050	RAC1	-0.42	0.19	-2.14	3.20E-02	0.15	control
miR_454_3p	3961932	TOB2	-0.61	0.29	-2.14	3.20E-02	0.15	case
miR_301a_3p	3372253	CELF1	-0.6	0.28	-2.14	3.20E-02	0.15	case
miR_144_5p	3740171	CRK	-0.31	0.15	-2.14	3.20E-02	0.15	case
miR_132_3p	2451155	PTPN7	0.98	0.46	2.14	3.30E-02	0.15	control
miR_1275	2342624	RABGGTB	0.31	0.15	2.14	3.30E-02	0.15	case
miR_181a_5p	2438657	ARHGEF11	-0.81	0.38	-2.14	3.30E-02	0.15	case
miR_301a_3p	3382216	ARRB1	-0.37	0.17	-2.14	3.30E-02	0.15	case
let_7c	4017281	NUP62CL	-0.44	0.21	-2.14	3.30E-02	0.15	control
miR_93_5p	2623180	RAD54L2	-0.54	0.25	-2.14	3.30E-02	0.15	case
miR_320a	3806905	SMAD2	0.51	0.24	2.14	3.30E-02	0.15	case
miR_1275	3343202	EED	0.5	0.24	2.14	3.30E-02	0.15	case
miR_210	3786868	SLC14A1	-0.19	0.09	-2.14	3.30E-02	0.15	control
miR_590_5p	2556215	VPS54	-0.25	0.12	-2.13	3.30E-02	0.15	control
miR_301a_3p	3825713	GATAD2A	-0.59	0.28	-2.13	3.30E-02	0.15	case
miR_1275	3059942	KIAA1324L	0.47	0.22	2.13	3.30E-02	0.15	case
miR_155_5p	2899110	HFE	-0.93	0.43	-2.13	3.30E-02	0.15	case
miR_324_3p	3315231	ECHS1	-0.74	0.35	-2.13	3.30E-02	0.15	case
miR_324_3p	2545750	EIF2B4	-0.91	0.43	-2.13	3.30E-02	0.15	case
miR_629_5p	3442205	ZNF384	-0.88	0.41	-2.13	3.30E-02	0.15	case
miR_301a_3p	2565410	KIAA1310	-0.7	0.33	-2.13	3.30E-02	0.15	case
miR_181a_5p	3737874	BAHCC1	-0.43	0.2	-2.13	3.30E-02	0.15	case
miR_301a_3p	3063646	ZNF3	-0.55	0.26	-2.13	3.30E-02	0.15	case
miR_126_3p	2779992	UBE2D3	-0.75	0.35	-2.13	3.30E-02	0.15	control
miR_132_3p	3669059	GABARAPL2	-0.55	0.26	-2.13	3.30E-02	0.15	control
miR_885_5p	3840327	ZNF808	-0.48	0.22	-2.13	3.30E-02	0.15	control
miR_181a_5p	2411228	STIL	-0.45	0.21	-2.13	3.30E-02	0.15	control
miR_151a_5p	2752725	NEIL3	-0.39	0.18	-2.13	3.30E-02	0.15	control
miR_301a_3p	2619120	TRAK1	-0.56	0.26	-2.13	3.30E-02	0.15	case
miR_590_5p	2832081	ZMAT2	-0.18	0.09	-2.13	3.30E-02	0.15	control
let_7c	3666601	SNTB2	0.64	0.3	2.13	3.30E-02	0.15	control
miR_132_3p	3844855	C19orf22	-0.48	0.22	-2.13	3.30E-02	0.15	control

miR_210	3820921	SMARCA4	-0.44	0.2	-2.13	3.30E-02	0.15	case
miR_27a_5p	3003193	CCT6A	0.58	0.27	2.13	3.30E-02	0.15	case
miR_106b_5p	2682436	RYBP	-0.47	0.22	-2.13	3.30E-02	0.15	control
miR_181a_5p	3702547	COTL1	-0.59	0.28	-2.13	3.30E-02	0.15	case
miR_181a_5p	3563395	POLE2	-0.39	0.18	-2.13	3.30E-02	0.15	control
miR_423_5p	3904527	NDRG3	-0.72	0.34	-2.13	3.30E-02	0.15	case
miR_628_3p	3952637	HIRA	-0.73	0.34	-2.13	3.30E-02	0.15	case
miR_222_3p	2394841	DNAJC11	-0.41	0.19	-2.13	3.30E-02	0.15	case
miR_103a_3p	3914786	ABCC13	-0.49	0.23	-2.13	3.30E-02	0.15	control
miR_1275	3881651	HCK	-0.43	0.2	-2.13	3.30E-02	0.15	case
miR_1248	3457891	GLS2	-2.23	1.05	-2.13	3.40E-02	0.15	control
miR_93_5p	3868283	VRK3	-0.64	0.3	-2.13	3.40E-02	0.15	case
miR_625_5p	3770563	ATP5H	-0.34	0.16	-2.12	3.40E-02	0.15	control
miR_139_5p	3883971	C20orf24	-0.75	0.36	-2.12	3.40E-02	0.15	control
let_7c	3434760	P2RX4	0.56	0.26	2.12	3.40E-02	0.15	control
miR_1275	3572461	C14orf1	-0.49	0.23	-2.12	3.40E-02	0.15	control
miR_629_5p	3757840	STAT3	-0.54	0.25	-2.12	3.40E-02	0.15	case
miR_425_3p	2633256	ST3GAL6	-0.46	0.22	-2.12	3.40E-02	0.15	control
miR_103a_3p	3066818	NAMPT	-0.51	0.24	-2.12	3.40E-02	0.15	control
miR_210	3181240	TMOD1	-0.24	0.11	-2.12	3.40E-02	0.15	control
miR_20b_5p	2495446	INPP4A	-0.59	0.28	-2.12	3.40E-02	0.15	case
miR_454_3p	3131741	RAB11FIP1	-0.39	0.18	-2.12	3.40E-02	0.15	case
miR_135a_5p	3168255	HRCT1	0.59	0.28	2.12	3.40E-02	0.15	control
miR_197_3p	3375245	DDB1	-0.61	0.29	-2.12	3.40E-02	0.15	case
miR_301a_3p	3962678	PACSIN2	-0.4	0.19	-2.12	3.40E-02	0.15	case
miR_941	2838656	HMMR	-0.6	0.28	-2.12	3.40E-02	0.15	control
miR_301a_3p	2948425	PPP1R10	-0.55	0.26	-2.12	3.40E-02	0.15	case
miR_197_3p	2884578	CCNJL	-0.77	0.36	-2.12	3.40E-02	0.15	control
let_7d_3p	3217077	HEMGN	0.18	0.08	2.12	3.40E-02	0.15	control
miR_210	3334025	MARK2	-0.53	0.25	-2.12	3.40E-02	0.15	case
miR_29b_2_5p	3765580	BRIP1	-0.45	0.21	-2.12	3.40E-02	0.15	control
miR_125b_5p	2510884	ARL6IP6	-0.47	0.22	-2.12	3.40E-02	0.15	control
miR_625_3p	3888721	PTPN1	0.69	0.32	2.12	3.40E-02	0.15	control
miR_17_5p	2779992	UBE2D3	-0.79	0.37	-2.12	3.40E-02	0.15	control
miR_629_3p	3981735	NCRNA00183	0.21	0.1	2.12	3.40E-02	0.15	case
miR_193a_5p	3565361	GMFB	0.36	0.17	2.12	3.40E-02	0.15	case
miR_181a_5p	2544662	DNMT3A	-1.01	0.48	-2.12	3.40E-02	0.15	case
miR_301a_3p	3861689	SIRT2	-0.36	0.17	-2.12	3.40E-02	0.15	case

miR_181a_5p	2359817	INTS3	-0.62	0.29	-2.12	3.40E-02	0.15	case
miR_93_5p	2545811	PPM1G	-0.58	0.28	-2.12	3.40E-02	0.15	case
miR_210	2673902	QRICH1	-0.48	0.23	-2.12	3.40E-02	0.15	case
miR_17_5p	2520069	C2orf88	-0.28	0.13	-2.12	3.40E-02	0.15	control
miR_1254	2436754	ADAR	-0.53	0.25	-2.12	3.40E-02	0.15	case
miR_29b_2_5p	3250863	SGPL1	-0.49	0.23	-2.11	3.40E-02	0.15	case
miR_148a_3p	2390158		0.25	0.12	2.11	3.50E-02	0.15	control
let_7d_3p	2783596	PDE5A	0.33	0.16	2.11	3.50E-02	0.15	control
miR_584_5p	2367843	DARS2	1.82	0.86	2.11	3.50E-02	0.15	control
miR_210	3748188	FLII	-0.5	0.24	-2.11	3.50E-02	0.15	case
let_7b_5p	2349402	AMY2B	0.24	0.12	2.11	3.50E-02	0.15	case
miR_155_5p	3432030	ACAD10	-0.85	0.4	-2.11	3.50E-02	0.15	case
miR_210	3772525	CYTH1	-0.55	0.26	-2.11	3.50E-02	0.15	case
miR_210	3329724	MADD	-0.45	0.21	-2.11	3.50E-02	0.15	case
miR_29b_2_5p	3960685	DMC1	-0.57	0.27	-2.11	3.50E-02	0.15	control
miR_301a_3p	3261544	GBF1	-0.43	0.21	-2.11	3.50E-02	0.15	case
miR_155_5p	3763656	TRIM25	-0.46	0.22	-2.11	3.50E-02	0.15	case
miR_197_3p	3944564	CSF2RB	-0.74	0.35	-2.11	3.50E-02	0.15	control
miR_301a_3p	2575196	SAP130	-0.63	0.3	-2.11	3.50E-02	0.15	case
miR_1275	2420958	ZNHIT6	0.28	0.13	2.11	3.50E-02	0.15	case
miR_744_3p	3676300	RPS2	0.37	0.18	2.11	3.50E-02	0.15	control
miR_590_5p	2867432	ANKRD32	-0.1	0.05	-2.11	3.50E-02	0.15	control
miR_1275	3708858	CD68	-0.5	0.24	-2.11	3.50E-02	0.15	case
miR_106b_5p	2664452	ANKRD28	-0.47	0.22	-2.11	3.50E-02	0.15	control
miR_301a_3p	2845591	BRD9	-0.68	0.32	-2.11	3.50E-02	0.15	case
miR_222_3p	2591421	TFPI	-0.42	0.2	-2.11	3.50E-02	0.15	control
miR_103a_3p	2594812	TRAK2	-0.31	0.15	-2.11	3.50E-02	0.15	control
miR_93_5p	2394841	DNAJC11	-0.53	0.25	-2.11	3.50E-02	0.15	case
let_7c	3957486	DUSP18	0.39	0.19	2.11	3.50E-02	0.15	control
miR_197_3p	3419147	USP15	0.62	0.3	2.11	3.50E-02	0.15	case
miR_744_5p	3372253	CELF1	-0.88	0.42	-2.11	3.50E-02	0.15	case
miR_144_5p	3375340	CPSF7	-0.35	0.17	-2.11	3.50E-02	0.15	case
miR_664_3p	3281762	ENKUR	0.21	0.1	2.11	3.50E-02	0.15	case
miR_221_3p	3385175	PICALM	0.37	0.17	2.11	3.50E-02	0.15	case
miR_148a_3p	2411228	STIL	-0.35	0.17	-2.11	3.50E-02	0.15	control
miR_375	3763270	MMD	-0.36	0.17	-2.11	3.50E-02	0.15	control
miR_27a_5p	3867400	FUT1	-0.58	0.28	-2.11	3.50E-02	0.15	case
miR_132_3p	2539607	MBOAT2	-0.41	0.2	-2.11	3.50E-02	0.15	control

miR_425_3p	2930863	PCMT1	-0.49	0.23	-2.11	3.50E-02	0.15	control
miR_103a_3p	2591421	TFPI	-0.56	0.27	-2.1	3.50E-02	0.15	control
miR_29b_2_5p	2499234	CCDC138	-0.62	0.29	-2.1	3.50E-02	0.15	control
miR_197_3p	3872928	ZNF132	-0.85	0.41	-2.1	3.50E-02	0.15	case
miR_106b_5p	2806799	NIPBL	-0.41	0.2	-2.1	3.50E-02	0.15	control
miR_20b_5p	3821095	TSPAN16	-0.3	0.14	-2.1	3.50E-02	0.15	case
miR_197_3p	3380901	NUMA1	-1.04	0.49	-2.1	3.50E-02	0.15	case
miR_127_3p	2945645	TDP2	-0.36	0.17	-2.1	3.50E-02	0.15	control
miR_197_3p	3724360	GOSR2	-0.76	0.36	-2.1	3.60E-02	0.15	case
miR_15b_3p	3936009	IL17RA	-0.43	0.2	-2.1	3.60E-02	0.15	control
miR_941	2887309	DUSP1	-0.45	0.21	-2.1	3.60E-02	0.15	control
miR_636	3840224	ZNF528	0.46	0.22	2.1	3.60E-02	0.15	case
miR_197_3p	3375862	MTA2	-0.67	0.32	-2.1	3.60E-02	0.15	case
miR_20b_5p	2504328	GYPC	-0.35	0.17	-2.1	3.60E-02	0.15	control
miR_148a_3p	3088983	XPO7	-0.31	0.15	-2.1	3.60E-02	0.15	control
miR_139_3p	3015414	SPDYE3	-0.57	0.27	-2.1	3.60E-02	0.15	case
miR_221_3p	2995254	C7orf41	-0.47	0.22	-2.1	3.60E-02	0.15	control
miR_502_3p	2353988	FAM46C	-0.53	0.25	-2.1	3.60E-02	0.15	control
miR_744_5p	2358520	SETDB1	-0.63	0.3	-2.1	3.60E-02	0.15	case
miR_1275	3439305	ZNF84	0.38	0.18	2.1	3.60E-02	0.15	case
miR_210	3632298	ADPGK	-0.62	0.3	-2.1	3.60E-02	0.15	case
miR_20b_5p	3095719	GOLGA7	-0.52	0.25	-2.1	3.60E-02	0.15	control
miR_501_3p	2887264		-0.52	0.25	-2.1	3.60E-02	0.15	control
miR_210	2618598	EIF1B	-0.3	0.14	-2.1	3.60E-02	0.15	control
miR_144_5p	3665161	C16orf70	-0.38	0.18	-2.1	3.60E-02	0.15	case
miR_1275	3768969	ABCA5	0.4	0.19	2.1	3.60E-02	0.16	case
miR_29b_2_5p	2594773	ALS2CR12	-0.32	0.15	-2.1	3.60E-02	0.16	control
miR_340_5p	3157660	TSTA3	0.65	0.31	2.1	3.60E-02	0.16	case
miR_16_1_3p	3702293	MBTPS1	-0.77	0.37	-2.1	3.60E-02	0.16	case
miR_301a_3p	3656223	ITGAL	-0.39	0.19	-2.1	3.60E-02	0.16	case
miR_197_3p	3107234	C8orf39	-0.53	0.25	-2.1	3.60E-02	0.16	control
miR_197_3p	3015941	SRRT	-1	0.48	-2.1	3.60E-02	0.16	case
miR_18a_3p	3850261	ICAM3	-0.56	0.27	-2.1	3.60E-02	0.16	control
miR_423_5p	3907111	TOMM34	-0.88	0.42	-2.1	3.60E-02	0.16	case
miR_301a_3p	3456260	ATF7	-0.42	0.2	-2.1	3.60E-02	0.16	case
miR_941	3129465	INTS9	-0.71	0.34	-2.1	3.60E-02	0.16	case
let_7d_5p	3477967		-0.4	0.19	-2.1	3.60E-02	0.16	case
miR_629_3p	2584712	GRB14	-1.07	0.51	-2.09	3.60E-02	0.16	control

miR_29b_2_5p	2942504	RANBP9	-0.46	0.22	-2.09	3.60E-02	0.16	control
miR_106a_5p	3563861	CDKL1	-0.96	0.46	-2.09	3.60E-02	0.16	control
miR_152	3702293	MBTPS1	-0.81	0.39	-2.09	3.60E-02	0.16	case
miR_197_3p	2394841	DNAJC11	-0.78	0.37	-2.09	3.60E-02	0.16	case
miR_629_5p	3294854	CAMK2G	-0.74	0.36	-2.09	3.60E-02	0.16	case
miR_197_3p	3551566	EVL	-0.92	0.44	-2.09	3.60E-02	0.16	case
miR_126_3p	2450345	KIF14	-0.46	0.22	-2.09	3.60E-02	0.16	control
miR_17_5p	3091301	PTK2B	-0.52	0.25	-2.09	3.60E-02	0.16	case
let_7b_5p	3124537	CTSB	-0.35	0.17	-2.09	3.60E-02	0.16	case
miR_106a_5p	3820443	ICAM1	-0.59	0.28	-2.09	3.60E-02	0.16	case
miR_126_3p	2447454	ARPC5	-1.11	0.53	-2.09	3.70E-02	0.16	control
miR_210	4015602	TRMT2B	-0.5	0.24	-2.09	3.70E-02	0.16	case
miR_27a_5p	3393200	PCSK7	-0.71	0.34	-2.09	3.70E-02	0.16	case
miR_660_5p	2618598	EIF1B	-0.38	0.18	-2.09	3.70E-02	0.16	control
miR_17_5p	2832081	ZMAT2	-0.36	0.17	-2.09	3.70E-02	0.16	control
miR_181a_5p	2832081	ZMAT2	-0.4	0.19	-2.09	3.70E-02	0.16	control
miR_590_5p	3020192	TES	-0.21	0.1	-2.09	3.70E-02	0.16	control
miR_16_1_3p	2965674	NDUFAF4	-0.38	0.18	-2.09	3.70E-02	0.16	control
let_7e_5p	3114618	RNF139	0.44	0.21	2.09	3.70E-02	0.16	case
miR_212_3p	3258092	5-Mar	-0.58	0.28	-2.09	3.70E-02	0.16	control
miR_423_5p	3931112	HLCS	-1.05	0.5	-2.09	3.70E-02	0.16	case
miR_16_5p	3419807	XPOT	0.29	0.14	2.09	3.70E-02	0.16	case
miR_125b_5p	2502424	INSIG2	-0.47	0.22	-2.09	3.70E-02	0.16	control
let_7d_3p	3623424	COPS2	0.2	0.1	2.09	3.70E-02	0.16	control
let_7b_5p	2740896	NDST3	-0.8	0.38	-2.09	3.70E-02	0.16	control
miR_1275	3957003	ASCC2	-0.29	0.14	-2.09	3.70E-02	0.16	case
miR_148a_3p	3114064	WDR67	-0.29	0.14	-2.09	3.70E-02	0.16	control
miR_29b_2_5p	2620256	KIF15	-0.48	0.23	-2.09	3.70E-02	0.16	control
miR_17_5p	3656990	ITGAM	-0.4	0.19	-2.09	3.70E-02	0.16	case
miR_93_5p	3179975	PHF2	-0.87	0.42	-2.09	3.70E-02	0.16	case
miR_181a_5p	3464912	POC1B	-0.32	0.15	-2.09	3.70E-02	0.16	control
miR_210	4010860	LAS1L	-0.48	0.23	-2.09	3.70E-02	0.16	case
miR_18a_3p	3297536	ANXA11	-0.78	0.37	-2.09	3.70E-02	0.16	control
miR_210	3302360	MMS19	-0.67	0.32	-2.09	3.70E-02	0.16	case
miR_328	3929291	C21orf59	0.94	0.45	2.09	3.70E-02	0.16	control
miR_1236	2778856	TSPAN5	0.59	0.28	2.08	3.70E-02	0.16	control
miR_181a_5p	2588827	NFE2L2	-0.53	0.26	-2.08	3.70E-02	0.16	control
miR_106a_5p	3821095	TSPAN16	-0.3	0.14	-2.08	3.70E-02	0.16	case

miR_150_5p	3498476	LOC100132099	-0.76	0.36	-2.08	3.70E-02	0.16	control
miR_210	3632152	HEXA	-0.56	0.27	-2.08	3.70E-02	0.16	case
miR_210	2545750	EIF2B4	-0.58	0.28	-2.08	3.70E-02	0.16	case
miR_590_5p	2448073	IVNS1ABP	-0.24	0.11	-2.08	3.70E-02	0.16	control
miR_29b_2_5p	2411228	STIL	-0.44	0.21	-2.08	3.70E-02	0.16	control
miR_339_3p	3159132	COMMD5	0.97	0.46	2.08	3.70E-02	0.16	control
miR_301a_3p	3719980	LASP1	-0.46	0.22	-2.08	3.70E-02	0.16	case
miR_193a_5p	2505529	PTPN18	-0.87	0.42	-2.08	3.70E-02	0.16	case
miR_197_3p	3695867	RANBP10	-0.61	0.29	-2.08	3.70E-02	0.16	case
miR_20a_5p	2958670	RAB23	-0.34	0.16	-2.08	3.70E-02	0.16	control
miR_629_5p	3903708	TRPC4AP	-0.85	0.41	-2.08	3.70E-02	0.16	case
let_7c	3441941	VAMP1	0.53	0.26	2.08	3.70E-02	0.16	control
miR_106a_5p	3816380	OAZ1	-0.59	0.28	-2.08	3.70E-02	0.16	control
miR_1275	2896545	GMPR	-0.24	0.11	-2.08	3.70E-02	0.16	case
miR_181a_5p	2360083	UBAP2L	-0.66	0.32	-2.08	3.70E-02	0.16	case
miR_505_5p	3109201	SPAG1	-0.95	0.46	-2.08	3.70E-02	0.16	control
miR_590_5p	2321911	DDI2	-0.23	0.11	-2.08	3.70E-02	0.16	control
miR_590_5p	3829575	LSM14A	-0.36	0.17	-2.08	3.80E-02	0.16	control
miR_331_5p	3449700	FAM60A	-2.24	1.08	-2.08	3.80E-02	0.16	case
miR_106a_5p	3936009	IL17RA	-0.43	0.21	-2.08	3.80E-02	0.16	case
miR_320a	2504328	GYPC	-0.53	0.26	-2.08	3.80E-02	0.16	control
miR_181a_5p	3914786	ABCC13	-0.48	0.23	-2.08	3.80E-02	0.16	control
miR_181a_5p	3763656	TRIM25	-0.52	0.25	-2.08	3.80E-02	0.16	case
miR_532_5p	3464912	POC1B	-0.31	0.15	-2.08	3.80E-02	0.16	control
miR_181a_5p	2676471	TMEM110	-0.63	0.3	-2.08	3.80E-02	0.16	case
miR_301a_3p	3757770	STAT5B	-0.46	0.22	-2.08	3.80E-02	0.16	case
miR_210	2832081	ZMAT2	-0.29	0.14	-2.07	3.80E-02	0.16	control
miR_197_3p	3698919	GLG1	-0.6	0.29	-2.07	3.80E-02	0.16	case
miR_152	2333429	KDM4A	-0.78	0.38	-2.07	3.80E-02	0.16	case
miR_128	2580699	FLJ32955	0.8	0.39	2.07	3.80E-02	0.16	control
miR_1275	3089102	EPB49	-0.26	0.12	-2.07	3.80E-02	0.16	case
miR_139_5p	3107234	C8orf39	-0.44	0.21	-2.07	3.80E-02	0.16	control
miR_19a_3p	2594812	TRAK2	-0.25	0.12	-2.07	3.80E-02	0.16	control
miR_197_3p	2945645	TDP2	0.44	0.21	2.07	3.80E-02	0.16	case
miR_20a_5p	2662491	TMEM111	-0.26	0.13	-2.07	3.80E-02	0.16	control
miR_20a_5p	2406420	CLSPN	-0.46	0.22	-2.07	3.80E-02	0.16	control
miR_27a_5p	3430959	ACACB	-1.02	0.49	-2.07	3.80E-02	0.16	case
miR_340_5p	3064591	FIS1	0.56	0.27	2.07	3.90E-02	0.16	case

miR_1255b_5p	3628469	RPS27L	0.18	0.09	2.07	3.90E-02	0.16	case
miR_301a_3p	3191900	NUP214	-0.53	0.25	-2.07	3.90E-02	0.16	case
miR_27a_5p	3417075	DGKA	-0.49	0.24	-2.07	3.90E-02	0.16	case
miR_628_3p	2702724	LXN	-0.43	0.21	-2.07	3.90E-02	0.16	control
miR_590_5p	3917204	C21orf7	-0.22	0.11	-2.07	3.90E-02	0.16	control
miR_17_5p	2360257	IL6R	-0.52	0.25	-2.07	3.90E-02	0.16	case
miR_301a_3p	2673902	QRICH1	-0.42	0.2	-2.07	3.90E-02	0.16	case
miR_210	2594812	TRAK2	-0.23	0.11	-2.07	3.90E-02	0.16	control
miR_93_3p	2773358	PPBP	0.33	0.16	2.07	3.90E-02	0.16	case
miR_210	2396537	MTOR	-0.48	0.23	-2.06	3.90E-02	0.16	case
miR_148a_3p	3984655	CENPI	-0.38	0.18	-2.06	3.90E-02	0.16	control
miR_197_3p	3633522	SNUPN	-0.7	0.34	-2.06	3.90E-02	0.16	case
miR_590_5p	3992148	DDX26B	-0.24	0.11	-2.06	3.90E-02	0.16	control
miR_106a_5p	3375340	CPSF7	-0.54	0.26	-2.06	3.90E-02	0.16	case
miR_144_5p	3772525	CYTH1	-0.31	0.15	-2.06	3.90E-02	0.16	case
miR_146a_5p	2995254	C7orf41	-0.48	0.23	-2.06	3.90E-02	0.16	control
miR_106b_5p	2504328	GYPC	-0.35	0.17	-2.06	3.90E-02	0.16	control
miR_93_5p	3820921	SMARCA4	-0.51	0.25	-2.06	3.90E-02	0.16	case
miR_155_5p	3721658	STAT5A	-0.62	0.3	-2.06	3.90E-02	0.16	case
miR_181a_5p	2360257	IL6R	-0.6	0.29	-2.06	3.90E-02	0.16	case
miR_590_5p	3476012	MPHOSPH9	-0.19	0.09	-2.06	3.90E-02	0.16	control
miR_423_5p	3806905	SMAD2	0.52	0.25	2.06	3.90E-02	0.16	case
miR_454_3p	3372253	CELF1	-0.48	0.23	-2.06	4.00E-02	0.16	case
let_7c	3666542	HAS3	0.64	0.31	2.06	4.00E-02	0.16	control
miR_210	3959986	IL2RB	-0.4	0.2	-2.06	4.00E-02	0.16	case
miR_221_3p	3018375	PRKAR2B	-0.3	0.14	-2.06	4.00E-02	0.16	control
miR_17_5p	2591421	TFPI	-0.46	0.22	-2.06	4.00E-02	0.16	control
miR_20b_5p	2730673	MOBK1A	-0.3	0.15	-2.06	4.00E-02	0.16	control
miR_17_5p	2662491	TMEM111	-0.3	0.14	-2.06	4.00E-02	0.16	control
miR_625_5p	3456666	NFE2	-0.38	0.19	-2.06	4.00E-02	0.16	control
miR_193a_5p	3281762	ENKUR	0.23	0.11	2.06	4.00E-02	0.16	case
miR_24_2_5p	3839057	TBC1D17	-0.99	0.48	-2.06	4.00E-02	0.16	case
miR_744_5p	3454740	PHB	0.52	0.25	2.06	4.00E-02	0.16	control
miR_15b_3p	3244622	ALOX5	-0.42	0.2	-2.06	4.00E-02	0.16	control
miR_29c_3p	2801608	6-Mar	-0.57	0.28	-2.06	4.00E-02	0.16	control
miR_24_2_5p	3569441	ZFYVE26	-0.91	0.44	-2.06	4.00E-02	0.16	case
miR_150_5p	3812426	RTTN	1.21	0.59	2.06	4.00E-02	0.16	case
miR_151a_5p	2428313	ST7L	-0.63	0.31	-2.06	4.00E-02	0.16	control

let_7d_3p	3346584	BIRC2	0.24	0.12	2.06	4.00E-02	0.16	control
miR_196b_5p	2768145	COMMD8	-0.31	0.15	-2.06	4.00E-02	0.16	control
miR_424_3p	4017281	NUP62CL	0.53	0.26	2.05	4.00E-02	0.16	case
let_7c	2859667	CENPK	-0.21	0.1	-2.05	4.00E-02	0.16	control
miR_210	3846538	EEF2	-0.42	0.2	-2.05	4.00E-02	0.16	case
let_7b_5p	3294231	NUDT13	0.41	0.2	2.05	4.00E-02	0.16	control
miR_106a_5p	3095719	GOLGA7	-0.52	0.26	-2.05	4.00E-02	0.16	control
let_7c	4051226	SEMA4D	-0.62	0.3	-2.05	4.00E-02	0.16	case
miR_17_5p	2449559	ASPM	-0.56	0.27	-2.05	4.00E-02	0.16	control
miR_590_5p	2724154	KLHL5	-0.21	0.1	-2.05	4.00E-02	0.16	control
miR_744_5p	3781654	RIOK3	-0.44	0.22	-2.05	4.00E-02	0.16	control
miR_301a_3p	2440143	COPA	-0.42	0.21	-2.05	4.00E-02	0.16	case
miR_148b_5p	3892452	LSM14B	0.5	0.24	2.05	4.00E-02	0.16	case
miR_301a_3p	3179975	PHF2	-0.77	0.38	-2.05	4.00E-02	0.16	case
miR_93_5p	2520069	C2orf88	-0.27	0.13	-2.05	4.00E-02	0.16	control
miR_210	3743464	PHF23	-0.53	0.26	-2.05	4.00E-02	0.16	case
miR_197_3p	3832978	ZFP36	-0.85	0.41	-2.05	4.00E-02	0.16	control
miR_339_3p	2504328	GYPC	-0.36	0.18	-2.05	4.10E-02	0.16	control
let_7b_5p	2570616	BUB1	-0.77	0.38	-2.05	4.10E-02	0.16	control
miR_210	2395890	CLSTN1	-0.39	0.19	-2.05	4.10E-02	0.16	case
miR_93_5p	2562233	RETSAT	-0.7	0.34	-2.05	4.10E-02	0.16	case
miR_301a_3p	3672059	KIAA0513	-0.35	0.17	-2.05	4.10E-02	0.16	case
miR_155_5p	3458337	STAT6	-0.55	0.27	-2.05	4.10E-02	0.16	case
miR_20b_5p	2486178	MEIS1	-0.51	0.25	-2.05	4.10E-02	0.16	control
miR_106b_5p	2867432	ANKRD32	-0.2	0.1	-2.05	4.10E-02	0.16	control
miR_502_3p	2910477	FBXO9	-0.38	0.19	-2.05	4.10E-02	0.16	control
miR_15b_3p	3740264	INPP5K	-0.49	0.24	-2.05	4.10E-02	0.16	control
let_7d_3p	3163728	CNTLN	0.25	0.12	2.05	4.10E-02	0.16	control
miR_145_5p	3071700	IMPDH1	-0.84	0.41	-2.05	4.10E-02	0.16	control
miR_744_5p	2579439	GTDC1	-0.7	0.34	-2.05	4.10E-02	0.16	control
miR_145_5p	3107234	C8orf39	-0.38	0.18	-2.05	4.10E-02	0.16	control
miR_29b_2_5p	3379644	CPT1A	-0.48	0.24	-2.05	4.10E-02	0.16	case
let_7b_5p	3434413	RNF10	-0.24	0.12	-2.05	4.10E-02	0.16	case
miR_25_5p	2752725	NEIL3	-0.36	0.17	-2.05	4.10E-02	0.16	control
miR_29b_2_5p	3589697	BUB1B	-0.89	0.44	-2.04	4.10E-02	0.16	control
miR_20b_5p	2609960	TTLL3	-0.7	0.34	-2.04	4.10E-02	0.16	case
let_7c	3633048	EDC3	0.54	0.26	2.04	4.10E-02	0.16	control
miR_20b_5p	2958670	RAB23	-0.34	0.17	-2.04	4.10E-02	0.16	control

miR_628_3p	3764738	SKA2	0.31	0.15	2.04	4.10E-02	0.16	case
miR_210	3820758	DNM2	-0.48	0.23	-2.04	4.10E-02	0.16	case
miR_210	4027769	CLIC2	-0.23	0.11	-2.04	4.10E-02	0.16	control
miR_590_5p	2995254	C7orf41	-0.21	0.11	-2.04	4.10E-02	0.16	control
miR_590_5p	2346399	CDC7	-0.21	0.1	-2.04	4.10E-02	0.16	control
miR_31_5p	2527548	RUFY4	-0.73	0.36	-2.04	4.10E-02	0.16	case
let_7c	2897627		0.24	0.12	2.04	4.10E-02	0.16	case
miR_193a_5p	3440192	DCP1B	0.7	0.34	2.04	4.10E-02	0.16	control
let_7g_5p	3942179	MTMR3	-0.45	0.22	-2.04	4.10E-02	0.16	case
let_7d_3p	3320819	MICALCL	0.23	0.11	2.04	4.10E-02	0.16	control
miR_590_5p	2583602	RBMS1	-0.19	0.09	-2.04	4.10E-02	0.16	control
miR_210	3741997	ANKFY1	-0.47	0.23	-2.04	4.10E-02	0.16	case
miR_502_3p	2801608	6-Mar	-0.74	0.36	-2.04	4.10E-02	0.16	control
let_7d_3p	2811656	KIF2A	0.22	0.11	2.04	4.10E-02	0.16	control
miR_106a_5p	2587618	OLA1	-0.52	0.26	-2.04	4.10E-02	0.16	control
miR_148a_3p	2993206	MPP6	-0.23	0.11	-2.04	4.20E-02	0.16	control
let_7d_5p	2411228	STIL	-0.47	0.23	-2.04	4.20E-02	0.16	control
miR_590_5p	2531712	PSMD1	-0.23	0.11	-2.04	4.20E-02	0.16	control
miR_196b_5p	2620256	KIF15	-0.44	0.22	-2.04	4.20E-02	0.16	control
miR_301a_3p	3432267	TRAFD1	-0.42	0.21	-2.04	4.20E-02	0.16	case
let_7g_5p	3074640	LUZP6	-0.64	0.31	-2.04	4.20E-02	0.16	control
miR_155_5p	3179975	PHF2	-0.89	0.44	-2.04	4.20E-02	0.16	case
miR_744_5p	2801608	6-Mar	-0.89	0.44	-2.04	4.20E-02	0.16	control
miR_766_3p	2773358	PPBP	0.32	0.16	2.04	4.20E-02	0.16	case
miR_330_3p	3806905	SMAD2	0.47	0.23	2.04	4.20E-02	0.16	case
let_7c	2329077	S100PBP	0.5	0.24	2.04	4.20E-02	0.16	control
miR_590_5p	3101893	CSPP1	-0.16	0.08	-2.04	4.20E-02	0.16	control
miR_93_5p	2609870	BRPF1	-0.67	0.33	-2.04	4.20E-02	0.16	case
miR_17_5p	2450345	KIF14	-0.49	0.24	-2.03	4.20E-02	0.16	control
miR_106b_5p	2520069	C2orf88	-0.28	0.14	-2.03	4.20E-02	0.16	control
miR_15b_5p	2437736	RIT1	-0.79	0.39	-2.03	4.20E-02	0.16	control
miR_210	3572278	NEK9	-0.6	0.29	-2.03	4.20E-02	0.16	case
miR_505_5p	2824872	AP3S1	0.51	0.25	2.03	4.20E-02	0.16	case
miR_197_3p	3229591	UBAC1	-0.95	0.46	-2.03	4.20E-02	0.16	case
miR_29b_2_5p	3402571	NCAPD2	-0.57	0.28	-2.03	4.20E-02	0.16	case
miR_744_5p	3890109	C20orf108	-0.8	0.4	-2.03	4.20E-02	0.16	control
miR_103a_3p	2504328	GYPC	-0.4	0.2	-2.03	4.20E-02	0.16	control
miR_20b_5p	3764738	SKA2	0.31	0.15	2.03	4.20E-02	0.16	case

miR_181a_5p	3978453	GNL3L	-0.55	0.27	-2.03	4.20E-02	0.16	case
miR_1275	3534201	PRPF39	0.38	0.19	2.03	4.20E-02	0.16	case
miR_193a_5p	3806905	SMAD2	0.33	0.16	2.03	4.20E-02	0.16	case
miR_454_3p	2503200	RALB	-0.32	0.16	-2.03	4.20E-02	0.16	control
miR_24_3p	2945645	TDP2	-0.7	0.35	-2.03	4.20E-02	0.16	control
miR_590_5p	2784177	TRPC3	0.46	0.23	2.03	4.20E-02	0.16	control
let_7d_3p	3629811	DENND4A	0.23	0.11	2.03	4.20E-02	0.16	control
miR_93_5p	3757770	STAT5B	-0.52	0.26	-2.03	4.20E-02	0.16	case
miR_29b_2_5p	3589410	C15orf54	-0.22	0.11	-2.03	4.20E-02	0.17	control
miR_20b_5p	2383859	GUK1	-0.26	0.13	-2.03	4.20E-02	0.17	control
miR_103a_3p	3328745	PRDM11	0.86	0.43	2.03	4.30E-02	0.17	control
miR_320a	3460127	GNS	-0.57	0.28	-2.03	4.30E-02	0.17	case
miR_18a_3p	3355114	DCPS	-0.69	0.34	-2.03	4.30E-02	0.17	control
let_7b_5p	3689880	SHCBP1	0.83	0.41	2.03	4.30E-02	0.17	case
miR_193a_5p	3961932	TOB2	-0.76	0.38	-2.03	4.30E-02	0.17	case
miR_1227	2793401	MFAP3L	0.37	0.18	2.03	4.30E-02	0.17	case
miR_26b_3p	2929699	RAB32	-0.43	0.21	-2.03	4.30E-02	0.17	control
miR_148a_3p	3203753	UBAP2	-0.63	0.31	-2.03	4.30E-02	0.17	control
miR_106b_5p	3105430	LRRCC1	-0.39	0.19	-2.03	4.30E-02	0.17	control
miR_210	3571248	ZFYVE1	-0.69	0.34	-2.03	4.30E-02	0.17	case
miR_20a_5p	2591837	SLC40A1	-0.38	0.19	-2.03	4.30E-02	0.17	control
miR_502_3p	2458082	WDR26	-0.53	0.26	-2.03	4.30E-02	0.17	control
miR_17_5p	2399409	UBR4	-0.42	0.21	-2.02	4.30E-02	0.17	case
miR_16_1_3p	2945882	CMAH	-0.58	0.29	-2.02	4.30E-02	0.17	control
miR_671_3p	2989050	RAC1	-0.59	0.29	-2.02	4.30E-02	0.17	control
miR_125a_5p	2580699	FLJ32955	0.66	0.33	2.02	4.30E-02	0.17	control
miR_29b_2_5p	3758317	BRCA1	-0.59	0.29	-2.02	4.30E-02	0.17	control
miR_151a_3p	2364438	NUF2	0.52	0.26	2.02	4.30E-02	0.17	case
miR_200c_3p	3471327	HVCN1	-0.53	0.26	-2.02	4.30E-02	0.17	case
let_7c	2726323	SLAIN2	-0.55	0.27	-2.02	4.30E-02	0.17	control
miR_210	3743906	TP53	-0.44	0.22	-2.02	4.30E-02	0.17	case
miR_590_5p	2712632	TFRC	-0.14	0.07	-2.02	4.30E-02	0.17	control
miR_103a_3p	3464912	POC1B	-0.31	0.15	-2.02	4.30E-02	0.17	control
miR_181a_5p	3735392	ZACN	-0.91	0.45	-2.02	4.30E-02	0.17	case
miR_744_5p	2396537	MTOR	-0.69	0.34	-2.02	4.30E-02	0.17	case
miR_301a_3p	3431892	SH2B3	-0.8	0.39	-2.02	4.30E-02	0.17	case
let_7c	3299504	ACTA2	-0.4	0.2	-2.02	4.30E-02	0.17	case
miR_196b_5p	2399908	TMCO4	1.04	0.52	2.02	4.30E-02	0.17	control

let_7c	3655708	C16orf53	0.59	0.29	2.02	4.30E-02	0.17	control
miR_29b_2_5p	3258168	KIF11	-0.55	0.27	-2.02	4.30E-02	0.17	control
miR_210	3464912	POC1B	-0.23	0.12	-2.02	4.30E-02	0.17	control
miR_20a_5p	2752725	NEIL3	-0.32	0.16	-2.02	4.30E-02	0.17	control
miR_103a_3p	2945645	TDP2	-0.44	0.22	-2.02	4.30E-02	0.17	control
miR_511	2784265	IL2	0.84	0.42	2.02	4.30E-02	0.17	case
miR_210	3735847	SETP9	-0.59	0.29	-2.02	4.30E-02	0.17	case
miR_197_3p	2644202	IL20RB	0.37	0.18	2.02	4.40E-02	0.17	control
let_7d_3p	3352503	ARHGEF12	0.17	0.08	2.02	4.40E-02	0.17	control
miR_139_3p	3763270	MMD	-0.26	0.13	-2.02	4.40E-02	0.17	control
miR_25_5p	2899152	HIST1H2AC	0.45	0.22	2.02	4.40E-02	0.17	case
miR_320a	3476741	UBC	-0.92	0.46	-2.02	4.40E-02	0.17	case
miR_1275	3199431	ZDHHHC21	0.28	0.14	2.02	4.40E-02	0.17	case
miR_181a_5p	2361731	PRCC	-0.79	0.39	-2.02	4.40E-02	0.17	case
miR_29c_3p	3464912	POC1B	-0.23	0.11	-2.02	4.40E-02	0.17	control
miR_210	3633048	EDC3	-0.45	0.22	-2.02	4.40E-02	0.17	case
miR_181a_5p	3015395	PVRIG	0.39	0.19	2.02	4.40E-02	0.17	control
miR_301a_3p	2674179	USP4	-0.37	0.18	-2.02	4.40E-02	0.17	case
miR_106a_5p	3253683	ZMIZ1	-0.49	0.24	-2.02	4.40E-02	0.17	case
miR_106b_5p	3101893	CSPP1	-0.32	0.16	-2.02	4.40E-02	0.17	control
miR_301a_3p	3868283	VRK3	-0.53	0.26	-2.02	4.40E-02	0.17	case
miR_301a_3p	3715703	SUPT6H	-0.33	0.16	-2.02	4.40E-02	0.17	case
let_7g_5p	2450345	KIF14	-0.42	0.21	-2.02	4.40E-02	0.17	control
miR_221_3p	2954678	XPO5	-0.66	0.33	-2.02	4.40E-02	0.17	case
miR_1275	3542207	SRSF5	0.51	0.25	2.02	4.40E-02	0.17	case
miR_106a_5p	2360257	IL6R	-0.48	0.24	-2.01	4.40E-02	0.17	case
miR_181a_5p	2760371	WDR1	-0.59	0.29	-2.01	4.40E-02	0.17	case
miR_197_3p	3621029	EPB42	-0.45	0.22	-2.01	4.40E-02	0.17	case
miR_20b_5p	2520069	C2orf88	-0.25	0.12	-2.01	4.40E-02	0.17	control
miR_197_3p	3861413	MAP4K1	-0.65	0.32	-2.01	4.40E-02	0.17	case
miR_744_5p	2504328	GYPC	-0.51	0.25	-2.01	4.40E-02	0.17	control
miR_210	3217123	TRIM14	-0.57	0.29	-2.01	4.40E-02	0.17	case
miR_29b_2_5p	3590388	NUSAP1	-0.38	0.19	-2.01	4.40E-02	0.17	control
miR_744_5p	3318712	FXC1	-0.78	0.39	-2.01	4.40E-02	0.17	case
miR_744_5p	2673902	QRICH1	-0.62	0.31	-2.01	4.40E-02	0.17	case
miR_181a_5p	3764738	SKA2	0.35	0.17	2.01	4.40E-02	0.17	case
miR_210	3722152	PSME3	-0.47	0.23	-2.01	4.40E-02	0.17	case
let_7c	3457523	RNF41	0.54	0.27	2.01	4.50E-02	0.17	control

miR_1275	3016380	CUX1	-0.71	0.36	-2.01	4.50E-02	0.17	case
miR_106a_5p	2396537	MTOR	-0.47	0.24	-2.01	4.50E-02	0.17	case
miR_197_3p	3190558	SPTAN1	-0.54	0.27	-2.01	4.50E-02	0.17	case
miR_106a_5p	3203482	BAG1	-0.37	0.18	-2.01	4.50E-02	0.17	control
let_7g_5p	2411228	STIL	-0.37	0.18	-2	4.50E-02	0.17	control
miR_1275	3840224	ZNF528	0.39	0.19	2	4.50E-02	0.17	case
miR_222_3p	2662331	CAMK1	-0.52	0.26	-2	4.50E-02	0.17	case
miR_181a_5p	3936442	PEX26	0.97	0.48	2	4.50E-02	0.17	control
miR_501_3p	3553872	KLC1	0.67	0.33	2	4.50E-02	0.17	control
miR_197_3p	3259836	ZDHHC16	-0.75	0.38	-2	4.50E-02	0.17	case
miR_106a_5p	2946681	HIST1H2BJ	-0.45	0.22	-2	4.50E-02	0.17	control
miR_532_5p	2995254	C7orf41	-0.45	0.22	-2	4.50E-02	0.17	control
miR_17_5p	3820758	DNM2	-0.52	0.26	-2	4.50E-02	0.17	case
miR_1275	3961955	PHF5A	-0.44	0.22	-2	4.50E-02	0.17	control
miR_27a_3p	2963784	AKIRIN2	-0.61	0.3	-2	4.50E-02	0.17	control
miR_29c_3p	2832081	ZMAT2	-0.31	0.16	-2	4.50E-02	0.17	control
miR_222_3p	4007643	OTUD5	-0.51	0.25	-2	4.50E-02	0.17	case
miR_148a_3p	3168508	MELK	-0.32	0.16	-2	4.50E-02	0.17	control
miR_16_1_3p	2562605	POLR1A	-0.84	0.42	-2	4.50E-02	0.17	case
miR_29a_5p	3759305	CCDC43	-0.95	0.48	-2	4.50E-02	0.17	control
miR_744_5p	4019486	6-Sep	-0.57	0.28	-2	4.50E-02	0.17	case
miR_193a_5p	2766788	RBM47	-0.49	0.24	-2	4.50E-02	0.17	control
miR_590_5p	2353881	MAN1A2	-0.19	0.1	-2	4.50E-02	0.17	control
miR_17_5p	3908631	PREX1	-0.4	0.2	-2	4.50E-02	0.17	case
miR_590_5p	3105904	CPNE3	-0.24	0.12	-2	4.50E-02	0.17	control
miR_221_3p	3936887	MRPL40	0.58	0.29	2	4.50E-02	0.17	control
miR_106b_5p	2591837	SLC40A1	-0.42	0.21	-2	4.50E-02	0.17	control
miR_27a_5p	2709235	DGKG	0.67	0.34	2	4.50E-02	0.17	control
miR_200c_3p	3747199	CENPV	-0.49	0.25	-2	4.50E-02	0.17	case
miR_106b_5p	2831209	PAIP2	-0.5	0.25	-2	4.50E-02	0.17	control
miR_941	3248897	NRBF2	-0.63	0.31	-2	4.60E-02	0.17	control
miR_629_5p	3833291	PSMC4	-0.63	0.32	-2	4.60E-02	0.17	case
miR_1254	3855968	ZNF506	0.86	0.43	2	4.60E-02	0.17	control
miR_210	3656223	ITGAL	-0.34	0.17	-2	4.60E-02	0.17	case
miR_196b_5p	2927873	CCDC28A	-0.48	0.24	-2	4.60E-02	0.17	control
miR_1275	3341155	CAPN5	-0.63	0.32	-2	4.60E-02	0.17	case
miR_17_5p	3751184	PHF12	-0.5	0.25	-2	4.60E-02	0.17	case
miR_29b_2_5p	3952637	HIRA	-0.79	0.39	-2	4.60E-02	0.17	case

miR_423_5p	3824103	USE1	-0.69	0.34	-2	4.60E-02	0.17	case
miR_625_3p	3888217	DDX27	0.48	0.24	2	4.60E-02	0.17	control
miR_145_5p	3281762	ENKUR	0.23	0.12	2	4.60E-02	0.17	case
miR_25_5p	2450345	KIF14	-0.44	0.22	-2	4.60E-02	0.17	control
miR_210	3720636	PSMD3	-0.63	0.32	-2	4.60E-02	0.17	case
miR_20a_5p	3309602	RGS10	-0.34	0.17	-2	4.60E-02	0.17	control
miR_148a_3p	3163728	CNTLN	-0.24	0.12	-2	4.60E-02	0.17	control
miR_139_3p	3018375	PRKAR2B	-0.24	0.12	-2	4.60E-02	0.17	control
miR_16_1_3p	2732273	11-Sep	-0.49	0.25	-1.99	4.60E-02	0.17	control
miR_744_5p	2971801	MAN1A1	-0.6	0.3	-1.99	4.60E-02	0.17	control
miR_193a_5p	3894765	SIRPG	-0.44	0.22	-1.99	4.60E-02	0.17	case
miR_197_3p	3281762	ENKUR	0.3	0.15	1.99	4.60E-02	0.17	case
miR_197_3p	3417075	DGKA	-0.69	0.34	-1.99	4.60E-02	0.17	case
miR_210	2881747	ANXA6	-0.31	0.16	-1.99	4.60E-02	0.17	case
miR_590_5p	2936564	FGFR1OP	-0.26	0.13	-1.99	4.70E-02	0.17	control
miR_106a_5p	2682436	RYBP	-0.4	0.2	-1.99	4.70E-02	0.17	control
let_7c	3082590	LOC286161	0.26	0.13	1.99	4.70E-02	0.17	case
miR_197_3p	3181728	TGFBR1	0.58	0.29	1.99	4.70E-02	0.17	case
miR_197_3p	3432138	MAPKAPK5	-0.74	0.37	-1.99	4.70E-02	0.17	case
miR_766_3p	2914693	SH3BGRL2	0.28	0.14	1.99	4.70E-02	0.17	case
miR_197_3p	3806905	SMAD2	0.4	0.2	1.99	4.70E-02	0.17	case
miR_93_5p	2730673	MOBK1A	-0.31	0.15	-1.99	4.70E-02	0.17	control
miR_181a_5p	2520069	C2orf88	-0.3	0.15	-1.99	4.70E-02	0.17	control
miR_590_5p	2602901	TRIP12	-0.22	0.11	-1.99	4.70E-02	0.17	control
miR_301a_3p	3682445	XYLT1	-0.54	0.27	-1.99	4.70E-02	0.17	case
miR_195_5p	3003384	DKFZp434L192	0.29	0.15	1.99	4.70E-02	0.17	control
miR_590_5p	2916952	CASP8AP2	-0.21	0.11	-1.99	4.70E-02	0.17	control
miR_590_5p	3464912	POC1B	-0.14	0.07	-1.99	4.70E-02	0.17	control
miR_103a_3p	3591365	ADAL	-0.37	0.19	-1.99	4.70E-02	0.17	control
miR_93_5p	3089285	POLR3D	-0.5	0.25	-1.99	4.70E-02	0.17	case
miR_106b_5p	2562821	VPS24	-0.46	0.23	-1.99	4.70E-02	0.17	control
miR_629_5p	3476741	UBC	-0.82	0.41	-1.99	4.70E-02	0.17	case
miR_301a_3p	3736087	TNRC6C	-0.44	0.22	-1.99	4.70E-02	0.17	case
miR_155_5p	3477967		-0.34	0.17	-1.99	4.70E-02	0.17	case
miR_210	3043264	JAZF1	-0.26	0.13	-1.99	4.70E-02	0.17	control
miR_31_5p	3985534	NGFRAP1	0.33	0.17	1.99	4.70E-02	0.17	case
miR_93_5p	2447454	ARPC5	-1.11	0.56	-1.99	4.70E-02	0.17	control
miR_196b_5p	3053380	ERV3	-0.24	0.12	-1.98	4.70E-02	0.17	control

miR_31_5p	2830861	EGR1	-0.73	0.37	-1.98	4.70E-02	0.17	case
miR_7_1_3p	3770606	HN1	-0.35	0.18	-1.98	4.70E-02	0.17	control
miR_181a_5p	3589410	C15orf54	-0.23	0.11	-1.98	4.70E-02	0.17	control
miR_505_5p	3020804	NAA38	0.28	0.14	1.98	4.70E-02	0.17	case
miR_197_3p	3035990	CARD11	-0.87	0.44	-1.98	4.70E-02	0.17	case
miR_500a_3p	2459616	HIST3H2A	-0.78	0.39	-1.98	4.70E-02	0.17	control
let_7d_5p	2450345	KIF14	-0.51	0.26	-1.98	4.70E-02	0.17	control
miR_106a_5p	3464912	POC1B	-0.26	0.13	-1.98	4.70E-02	0.17	control
miR_301a_3p	3394123	HYOU1	-0.51	0.26	-1.98	4.70E-02	0.17	case
miR_29b_2_5p	3565663	DLGAP5	-0.43	0.22	-1.98	4.70E-02	0.17	control
let_7b_5p	3874584		0.22	0.11	1.98	4.70E-02	0.17	case
miR_671_3p	2553576	RTN4	-1.34	0.68	-1.98	4.70E-02	0.17	control
let_7c	3634811	CTSH	0.39	0.2	1.98	4.70E-02	0.17	control
let_7b_5p	3931112	HLCS	-0.56	0.28	-1.98	4.70E-02	0.17	case
miR_590_5p	3026599	TRIM24	-0.29	0.15	-1.98	4.70E-02	0.17	control
miR_196b_5p	2732942	BMP2K	-0.51	0.26	-1.98	4.70E-02	0.17	control
miR_148b_5p	3883971	C20orf24	-0.59	0.3	-1.98	4.80E-02	0.17	control
miR_197_3p	3916576	GABPA	0.32	0.16	1.98	4.80E-02	0.17	case
miR_29b_2_5p	3737274	RNF213	-0.35	0.18	-1.98	4.80E-02	0.17	case
miR_155_5p	3923354	AGPAT3	-0.73	0.37	-1.98	4.80E-02	0.17	case
miR_181a_5p	3428268	GAS2L3	-0.38	0.19	-1.98	4.80E-02	0.17	control
miR_93_5p	3053691	GUSB	-0.49	0.25	-1.98	4.80E-02	0.17	case
miR_181a_5p	3852880	EMR2	-0.42	0.21	-1.98	4.80E-02	0.17	case
miR_629_5p	3852529	PRKACA	-0.66	0.33	-1.98	4.80E-02	0.17	case
miR_16_1_3p	3820921	SMARCA4	-0.56	0.28	-1.98	4.80E-02	0.17	case
miR_590_5p	2682436	RYBP	-0.21	0.11	-1.98	4.80E-02	0.17	control
miR_181a_5p	2624291	PRKCD	-0.49	0.25	-1.98	4.80E-02	0.17	case
miR_616_3p	3075778	HIPK2	-0.62	0.31	-1.98	4.80E-02	0.17	case
miR_20b_5p	2587618	OLA1	-0.5	0.25	-1.98	4.80E-02	0.17	control
miR_590_5p	2659918	LRCH3	-0.24	0.12	-1.98	4.80E-02	0.17	control
miR_139_3p	3188111	PTGS1	-0.42	0.21	-1.98	4.80E-02	0.17	control
miR_345_5p	2324416	ALPL	-0.4	0.2	-1.98	4.80E-02	0.17	control
let_7d_3p	3175597	VPS13A	0.21	0.11	1.98	4.80E-02	0.17	control
miR_93_5p	3608220	CRTC3	-0.53	0.27	-1.98	4.80E-02	0.17	case
miR_150_5p	2458513	TMEM63A	-0.98	0.5	-1.98	4.80E-02	0.17	control
miR_16_1_3p	2825629	TNFAIP8	-0.59	0.3	-1.98	4.80E-02	0.17	control
miR_1275	3665357	TMEM208	-0.42	0.21	-1.98	4.80E-02	0.17	control
miR_196b_5p	3095719	GOLGA7	-0.57	0.29	-1.98	4.80E-02	0.17	control

miR_222_3p	3723264	NMT1	-0.38	0.19	-1.98	4.80E-02	0.17	case
miR_152	3965314	BRD1	-0.88	0.44	-1.98	4.80E-02	0.17	case
miR_92a_3p	3107234	C8orf39	-0.94	0.48	-1.97	4.80E-02	0.17	control
miR_144_5p	3573994	C14orf145	-0.19	0.1	-1.97	4.80E-02	0.17	control
miR_193a_5p	3075778	HIPK2	-0.6	0.31	-1.97	4.80E-02	0.17	case
miR_590_5p	3359469	NAP1L4	-0.22	0.11	-1.97	4.80E-02	0.17	control
miR_148a_3p	3563395	POLE2	-0.25	0.13	-1.97	4.80E-02	0.17	control
miR_148b_5p	3414846	DAZAP2	-0.69	0.35	-1.97	4.80E-02	0.17	control
miR_100_5p	2894711	TMEM14B	-0.14	0.07	-1.97	4.90E-02	0.17	control
miR_150_5p	2970942	COL10A1	1.27	0.64	1.97	4.90E-02	0.17	case
miR_210	3853299	AKAP8	-0.62	0.31	-1.97	4.90E-02	0.17	case
miR_106a_5p	2995254	C7orf41	-0.4	0.2	-1.97	4.90E-02	0.17	control
miR_29b_2_5p	3504617	SKA3	-0.33	0.17	-1.97	4.90E-02	0.17	control
miR_181a_5p	2559967	DCTN1	-0.75	0.38	-1.97	4.90E-02	0.17	case
miR_106b_5p	3788976	RAB27B	-0.29	0.15	-1.97	4.90E-02	0.17	control
miR_210	2609960	TLL3	-0.65	0.33	-1.97	4.90E-02	0.17	case
miR_196b_5p	3784509	ZNF271	-0.36	0.18	-1.97	4.90E-02	0.17	control
miR_210	3870824	LAIR1	-0.55	0.28	-1.97	4.90E-02	0.17	case
miR_181a_5p	2783596	PDE5A	-0.5	0.25	-1.97	4.90E-02	0.18	control
miR_181a_5p	2450345	KIF14	-0.47	0.24	-1.97	4.90E-02	0.18	control
miR_425_3p	3834176	TMEM91	-0.51	0.26	-1.97	4.90E-02	0.18	control
miR_29c_3p	2594812	TRAK2	-0.22	0.11	-1.96	4.90E-02	0.18	control
miR_301a_3p	3718401	LIG3	-0.52	0.27	-1.96	5.00E-02	0.18	case
miR_1275	3893072	C20orf11	-0.3	0.15	-1.96	5.00E-02	0.18	case
miR_150_5p	3998766	KAL1	-1.67	0.85	-1.96	5.00E-02	0.18	case
miR_128	3749767	TMEM11	-0.68	0.35	-1.96	5.00E-02	0.18	control
miR_210	3351806	VPS11	-0.41	0.21	-1.96	5.00E-02	0.18	case
let_7b_5p	3732793	ARSG	0.49	0.25	1.96	5.00E-02	0.18	control
miR_301a_3p	2363808	FCGR2B	-0.35	0.18	-1.96	5.00E-02	0.18	case
miR_222_3p	2730673	MOBK1A	-0.26	0.13	-1.96	5.00E-02	0.18	control
let_7b_5p	2607110	HDLBP	-0.38	0.19	-1.96	5.00E-02	0.18	case
miR_484	3909247	FAM65C	2.06	1.05	1.96	5.00E-02	0.18	control
let_7c	2904270	UHRF1BP1	0.76	0.39	1.96	5.00E-02	0.18	control
miR_221_3p	2363084	NCSTN	-0.6	0.31	-1.96	5.00E-02	0.18	case
miR_181a_5p	3074640	LUZP6	-0.81	0.41	-1.96	5.00E-02	0.18	control
miR_301a_3p	2399409	UBR4	-0.34	0.18	-1.96	5.00E-02	0.18	case
miR_193a_5p	3423184	ZDHC17	0.4	0.2	1.96	5.00E-02	0.18	case
miR_20b_5p	3066818	NAMPT	-0.41	0.21	-1.96	5.00E-02	0.18	control

miR_660_5p	2708922	IGF2BP2	-0.29	0.15	-1.96	5.00E-02	0.18	control
miR_885_5p	2903285	PSMB9	-0.65	0.33	-1.96	5.00E-02	0.18	control
let_7c	3770699	MIF4GD	0.6	0.3	1.96	5.00E-02	0.18	control
miR_1275	2778980	EIF4E	0.18	0.09	1.96	5.00E-02	0.18	case
miR_221_3p	2893562	RREB1	-0.94	0.48	-1.96	5.00E-02	0.18	case
miR_155_5p	2400518	ECE1	-0.36	0.18	-1.96	5.00E-02	0.18	case
miR_374b_5p	3394092	SLC37A4	0.72	0.37	1.96	5.00E-02	0.18	case
miR_590_5p	2874794	RAPGEF6	-0.23	0.12	-1.96	5.00E-02	0.18	control
miR_106a_5p	2620256	KIF15	-0.41	0.21	-1.96	5.00E-02	0.18	control
miR_17_5p	3304215	LDB1	-0.48	0.24	-1.96	5.00E-02	0.18	case
miR_29c_3p	2618598	EIF1B	-0.27	0.14	-1.96	5.00E-02	0.18	control
miR_93_5p	3091301	PTK2B	-0.51	0.26	-1.96	5.00E-02	0.18	case
miR_25_5p	2406420	CLSPN	-0.5	0.26	-1.96	5.00E-02	0.18	control
let_7c	2863964	ARSB	-0.67	0.34	-1.96	5.00E-02	0.18	case
miR_106b_5p	2783596	PDE5A	-0.48	0.25	-1.96	5.00E-02	0.18	control
miR_1275	4051226	SEMA4D	-0.5	0.26	-1.95	5.10E-02	0.18	case
miR_181a_5p	2730673	MOBK1A	-0.32	0.16	-1.95	5.10E-02	0.18	control
miR_210	3758928	C17orf65	-0.36	0.18	-1.95	5.10E-02	0.18	case
miR_106a_5p	3352503	ARHGEF12	-0.23	0.12	-1.95	5.10E-02	0.18	control
miR_93_5p	2539607	MBOAT2	-0.34	0.17	-1.95	5.10E-02	0.18	control
miR_320a	2408189	PPT1	-0.46	0.23	-1.95	5.10E-02	0.18	case
miR_148b_5p	2359664	S100A9	-0.4	0.21	-1.95	5.10E-02	0.18	control
miR_103a_3p	3020444	CAPZA2	-0.38	0.19	-1.95	5.10E-02	0.18	control
miR_454_3p	3569441	ZFYVE26	-0.55	0.28	-1.95	5.10E-02	0.18	case
miR_25_5p	3151534	ATAD2	-0.42	0.22	-1.95	5.10E-02	0.18	control
miR_27a_5p	3261952	C10orf32	-0.39	0.2	-1.95	5.10E-02	0.18	control
miR_301a_3p	2887048	STK10	-0.4	0.2	-1.95	5.10E-02	0.18	case
miR_454_3p	3965314	BRD1	-0.61	0.31	-1.95	5.10E-02	0.18	case
miR_126_3p	2793401	MFAP3L	-0.38	0.19	-1.95	5.10E-02	0.18	control
let_7b_5p	2411228	STIL	-0.3	0.15	-1.95	5.10E-02	0.18	control
miR_148b_5p	3441849	TNFRSF1A	-0.53	0.27	-1.95	5.10E-02	0.18	control
miR_210	2887048	STK10	-0.38	0.2	-1.95	5.10E-02	0.18	case
miR_454_3p	3818732	ARHGEF18	-0.45	0.23	-1.95	5.10E-02	0.18	case
let_7c	3934245	CSTB	-0.7	0.36	-1.95	5.10E-02	0.18	case
let_7b_5p	3135452	ATP6V1H	0.49	0.25	1.95	5.10E-02	0.18	control
miR_181a_5p	3770361	CD300LF	-0.54	0.28	-1.95	5.10E-02	0.18	case
let_7c	2899152	HIST1H2AC	0.4	0.21	1.95	5.20E-02	0.18	case
miR_629_5p	3820921	SMARCA4	-0.57	0.3	-1.95	5.20E-02	0.18	case

miR_210	3231846	WDR37	-0.54	0.28	-1.95	5.20E-02	0.18	case
miR_29b_2_5p	2773369	CXCL5	-0.63	0.32	-1.95	5.20E-02	0.18	control
miR_93_5p	3239380	THNSL1	0.4	0.21	1.95	5.20E-02	0.18	case
miR_301a_3p	2351171	FAM40A	-0.62	0.32	-1.95	5.20E-02	0.18	case
miR_502_5p	3361381	CYB5R2	-0.81	0.42	-1.94	5.20E-02	0.18	control
miR_106a_5p	3309602	RGS10	-0.36	0.19	-1.94	5.20E-02	0.18	control
let_7d_3p	3714177	SPECC1	0.23	0.12	1.94	5.20E-02	0.18	control
miR_590_5p	2930592	TAB2	-0.18	0.09	-1.94	5.20E-02	0.18	control
miR_181a_5p	3787076	RNF165	-0.35	0.18	-1.94	5.20E-02	0.18	case
miR_590_5p	2726483	OCIAD1	-0.24	0.13	-1.94	5.20E-02	0.18	control
miR_628_3p	7385696	SHFM1	0.43	0.22	1.94	5.20E-02	0.18	case
miR_301a_3p	2334319	TOE1	-0.6	0.31	-1.94	5.20E-02	0.18	case
miR_197_3p	2545750	EIF2B4	-0.87	0.45	-1.94	5.20E-02	0.18	case
miR_370	2591837	SLC40A1	-0.36	0.19	-1.94	5.20E-02	0.18	control
miR_221_3p	2730673	MOBK1A	-0.31	0.16	-1.94	5.20E-02	0.18	control
miR_301a_3p	3442205	ZNF384	-0.51	0.26	-1.94	5.20E-02	0.18	case
miR_106b_5p	2766532	UBE2K	-0.59	0.3	-1.94	5.20E-02	0.18	control
miR_181a_5p	2522616	CFLAR	-0.55	0.28	-1.94	5.20E-02	0.18	case
miR_25_5p	3414695	ATF1	-0.36	0.18	-1.94	5.30E-02	0.18	control
miR_301a_3p	3552847	DYNC1H1	-0.32	0.16	-1.94	5.30E-02	0.18	case
miR_181a_5p	3908831	ZNFX1	-0.38	0.2	-1.94	5.30E-02	0.18	case
miR_106a_5p	3961496	MKL1	-0.55	0.28	-1.94	5.30E-02	0.18	case
miR_181a_5p	3087501	ZDHH2	-0.35	0.18	-1.94	5.30E-02	0.18	control
miR_210	3759356	EFTUD2	-0.36	0.18	-1.94	5.30E-02	0.18	case
miR_671_3p	2363562	FCER1G	-0.53	0.28	-1.94	5.30E-02	0.18	control
miR_210	3022465	SND1	-0.41	0.21	-1.94	5.30E-02	0.18	case
miR_130a_3p	2450345	KIF14	-0.44	0.22	-1.94	5.30E-02	0.18	control
miR_181a_5p	3757840	STAT3	-0.4	0.21	-1.94	5.30E-02	0.18	case
miR_766_3p	3763270	MMD	0.26	0.13	1.94	5.30E-02	0.18	case
miR_150_5p	3107234	C8orf39	-0.71	0.37	-1.94	5.30E-02	0.18	control
let_7b_5p	2752725	NEIL3	-0.26	0.13	-1.94	5.30E-02	0.18	control
miR_197_3p	3874584		0.23	0.12	1.94	5.30E-02	0.18	case
miR_1275	2320048	TARDBP	0.4	0.21	1.94	5.30E-02	0.18	case
miR_106b_5p	3464912	POC1B	-0.26	0.13	-1.94	5.30E-02	0.18	control
miR_210	3332729	CD5	-0.35	0.18	-1.94	5.30E-02	0.18	case
miR_139_3p	3095719	GOLGA7	-0.52	0.27	-1.93	5.30E-02	0.18	control
miR_197_3p	3140763	UBE2W	0.45	0.23	1.93	5.30E-02	0.18	case
miR_197_3p	3833040	SUPT5H	-0.84	0.43	-1.93	5.30E-02	0.18	case

miR_196b_5p	3100909	YTHDF3	-0.49	0.25	-1.93	5.30E-02	0.18	control
miR_144_5p	2620538	LARS2	-0.37	0.19	-1.93	5.30E-02	0.18	case
miR_744_5p	3572278	NEK9	-0.77	0.4	-1.93	5.30E-02	0.18	case
miR_106b_5p	2650199	SMC4	-0.38	0.2	-1.93	5.30E-02	0.18	control
miR_106b_3p	3664785	CKLF	0.35	0.18	1.93	5.30E-02	0.18	case
miR_193a_5p	4021633	ENOX2	0.5	0.26	1.93	5.30E-02	0.18	control
miR_629_3p	3881824	KIF3B	0.77	0.4	1.93	5.30E-02	0.18	control
miR_652_3p	3074640	LUZP6	-0.96	0.5	-1.93	5.30E-02	0.18	control
miR_590_5p	2335132	CMPK1	-0.2	0.1	-1.93	5.30E-02	0.18	control
miR_181a_5p	3075566	ZC3HAV1	-0.53	0.28	-1.93	5.30E-02	0.18	case
miR_301a_3p	2591421	TFPI	-0.4	0.21	-1.93	5.30E-02	0.18	control
miR_181a_5p	2403446	PTAFR	-0.37	0.19	-1.93	5.30E-02	0.18	case
let_7e_5p	7385696	SHFM1	0.39	0.2	1.93	5.40E-02	0.18	case
miR_181a_5p	3053691	GUSB	-0.48	0.25	-1.93	5.40E-02	0.18	case
miR_1275	3226253	FAM102A	-0.34	0.18	-1.93	5.40E-02	0.18	control
miR_106b_5p	2942504	RANBP9	-0.38	0.19	-1.93	5.40E-02	0.18	control
miR_1275	4007437	SLC38A5	-0.33	0.17	-1.93	5.40E-02	0.18	case
miR_106a_5p	2372211	PLA2G4A	-0.49	0.25	-1.93	5.40E-02	0.18	control
miR_20b_5p	2775858	LIN54	-0.54	0.28	-1.93	5.40E-02	0.18	control
miR_196b_5p	2318637	VAMP3	-0.62	0.32	-1.93	5.40E-02	0.18	control
miR_432_5p	3976609	FTSJ1	5.82	3.02	1.93	5.40E-02	0.18	control
miR_106b_5p	2698565	TFDP2	-0.28	0.15	-1.93	5.40E-02	0.18	control
miR_106b_5p	3591365	ADAL	-0.3	0.16	-1.93	5.40E-02	0.18	control
miR_505_5p	3617403	NOPI0	0.33	0.17	1.93	5.40E-02	0.18	case
miR_93_5p	2438657	ARHGEF11	-0.68	0.35	-1.93	5.40E-02	0.18	case
miR_590_5p	2726323	SLAIN2	-0.26	0.13	-1.93	5.40E-02	0.18	control
miR_192_5p	3090053	SLC25A37	-0.33	0.17	-1.93	5.40E-02	0.18	control
miR_301a_3p	2596162	INO80D	-0.4	0.21	-1.93	5.40E-02	0.18	case
miR_616_3p	2403301	RPA2	-0.55	0.29	-1.93	5.40E-02	0.18	case
miR_320a	3894765	SIRPG	-0.55	0.29	-1.93	5.40E-02	0.18	case
miR_210	3376155	NXF1	-0.42	0.22	-1.92	5.40E-02	0.18	case
miR_1275	3460127	GNS	-0.36	0.19	-1.92	5.40E-02	0.18	case
miR_301a_3p	3089285	POLR3D	-0.42	0.22	-1.92	5.40E-02	0.18	case
miR_520f	3066818	NAMPT	-0.3	0.15	-1.92	5.40E-02	0.18	control
miR_301a_3p	3453319	DDX23	-0.36	0.19	-1.92	5.40E-02	0.18	case
miR_744_5p	3728097	AKAP1	-0.58	0.3	-1.92	5.40E-02	0.18	case
miR_20b_5p	2741901	KIAA1109	-0.23	0.12	-1.92	5.40E-02	0.18	control
miR_301a_3p	3375340	CPSF7	-0.53	0.28	-1.92	5.50E-02	0.18	case

miR_144_5p	3155937	TRAPPC9	-0.35	0.18	-1.92	5.50E-02	0.18	case
miR_93_5p	2351171	FAM40A	-0.72	0.37	-1.92	5.50E-02	0.18	case
miR_155_5p	3294854	CAMK2G	-0.53	0.28	-1.92	5.50E-02	0.18	case
miR_181a_5p	3781654	RIOK3	-0.33	0.17	-1.92	5.50E-02	0.18	control
miR_181a_5p	2989050	RAC1	-0.39	0.2	-1.92	5.50E-02	0.18	case
let_7b_5p	3435192	MLXIP	-0.4	0.21	-1.92	5.50E-02	0.18	case
miR_26b_3p	2841284	ATP6V0E1	-0.89	0.46	-1.92	5.50E-02	0.18	control
let_7d_3p	2594773	ALS2CR12	0.19	0.1	1.92	5.50E-02	0.18	control
miR_25_5p	2991995	ABCB5	-0.64	0.33	-1.92	5.50E-02	0.18	control
miR_590_5p	3105430	LRRCC1	-0.19	0.1	-1.92	5.50E-02	0.18	control
miR_144_5p	2406420	CLSPN	-0.29	0.15	-1.92	5.50E-02	0.18	control
miR_183_3p	2869096	SLCO4C1	-0.34	0.18	-1.92	5.50E-02	0.18	control
miR_301a_3p	2394841	DNAJC11	-0.4	0.21	-1.92	5.50E-02	0.18	case
let_7g_5p	3764738	SKA2	0.28	0.15	1.92	5.50E-02	0.18	case
miR_29b_2_5p	3594986	TEX9	-0.23	0.12	-1.92	5.50E-02	0.19	control
miR_210	3935300	MCM3AP	-0.52	0.27	-1.92	5.50E-02	0.19	case
miR_106b_5p	2347023	CCDC18	-0.22	0.12	-1.92	5.50E-02	0.19	control
miR_720	2786322	SLC7A11	-0.69	0.36	-1.92	5.50E-02	0.19	control
miR_106a_5p	3105430	LRRCC1	-0.38	0.2	-1.92	5.50E-02	0.19	control
miR_423_5p	3724360	GOSR2	-0.63	0.33	-1.92	5.50E-02	0.19	case
miR_15b_3p	3751121	FLOT2	-0.34	0.18	-1.92	5.50E-02	0.19	control
miR_720	3970338	NHS	-1.02	0.53	-1.92	5.50E-02	0.19	control
miR_139_3p	2995254	C7orf41	-0.4	0.21	-1.92	5.50E-02	0.19	control
miR_29b_2_5p	3649811	NDE1	-0.43	0.22	-1.92	5.50E-02	0.19	case
miR_181a_5p	3936009	IL17RA	-0.47	0.25	-1.92	5.50E-02	0.19	case
miR_155_5p	3179551	FGD3	-0.52	0.27	-1.92	5.50E-02	0.19	case
miR_181a_5p	3820443	ICAM1	-0.58	0.31	-1.92	5.50E-02	0.19	case
miR_210	3881874	ASXL1	-0.61	0.32	-1.91	5.60E-02	0.19	case
miR_144_5p	3320169	AMPD3	-0.37	0.19	-1.91	5.60E-02	0.19	case
miR_197_3p	3822049	CALR	-0.65	0.34	-1.91	5.60E-02	0.19	case
let_7b_5p	3720739	CASC3	-0.43	0.22	-1.91	5.60E-02	0.19	case
miR_543	2975014	SGK1	-0.38	0.2	-1.91	5.60E-02	0.19	control
miR_744_3p	2951730	SLC26A8	-0.48	0.25	-1.91	5.60E-02	0.19	control
let_7d_3p	3509677	C13orf38	0.43	0.23	1.91	5.60E-02	0.19	control
miR_144_5p	3741875	ZZEF1	-0.28	0.14	-1.91	5.60E-02	0.19	case
let_7c	3589410	C15orf54	-0.17	0.09	-1.91	5.60E-02	0.19	control
miR_106b_5p	2662491	TMEM111	-0.27	0.14	-1.91	5.60E-02	0.19	control
miR_196b_5p	2633256	ST3GAL6	-0.44	0.23	-1.91	5.60E-02	0.19	control

miR_210	3442396	PHB2	-0.43	0.22	-1.91	5.60E-02	0.19	case
let_7c	3456313	ATP5G2	0.52	0.27	1.91	5.60E-02	0.19	control
miR_210	3942062	NF2	-0.52	0.27	-1.91	5.60E-02	0.19	case
let_7b_5p	2881672	TNIP1	-0.42	0.22	-1.91	5.60E-02	0.19	case
miR_26b_5p	3888613	CEBPB	-0.47	0.25	-1.91	5.60E-02	0.19	control
miR_590_5p	2404819	PTP4A2	-0.21	0.11	-1.91	5.60E-02	0.19	control
miR_590_5p	2347023	CCDC18	-0.11	0.06	-1.91	5.60E-02	0.19	control
miR_210	3895232	UBOX5	-0.65	0.34	-1.91	5.60E-02	0.19	case
miR_487b	2346657	BTBD8	0.95	0.5	1.91	5.60E-02	0.19	case
miR_590_5p	2793401	MFAP3L	-0.21	0.11	-1.91	5.60E-02	0.19	control
miR_106a_5p	3364306	SOX6	-0.33	0.17	-1.91	5.60E-02	0.19	control
miR_196b_5p	3409605	FAR2	-0.41	0.22	-1.91	5.60E-02	0.19	control
miR_301a_3p	4009315	HUWE1	-0.31	0.16	-1.91	5.70E-02	0.19	case
miR_660_5p	2396009	LZIC	-0.4	0.21	-1.91	5.70E-02	0.19	control
miR_150_5p	2855578	C5orf28	0.84	0.44	1.91	5.70E-02	0.19	case
miR_197_3p	3229529	CAMSAP1	-0.79	0.41	-1.91	5.70E-02	0.19	case
miR_139_3p	2945645	TDP2	-0.37	0.19	-1.91	5.70E-02	0.19	control
miR_340_5p	2675192	TUSC2	0.95	0.5	1.91	5.70E-02	0.19	case
miR_744_5p	2922215	MARCKS	-1.04	0.55	-1.91	5.70E-02	0.19	control
miR_106b_5p	2622435	RBM6	0.56	0.29	1.91	5.70E-02	0.19	control
miR_106b_5p	4027769	CLIC2	-0.25	0.13	-1.9	5.70E-02	0.19	control
miR_210	3697125	COG4	-0.48	0.25	-1.9	5.70E-02	0.19	case
let_7c	2484752	COMMD1	-0.33	0.18	-1.9	5.70E-02	0.19	case
miR_301a_3p	2358520	SETDB1	-0.41	0.21	-1.9	5.70E-02	0.19	case
miR_193a_5p	2623154	RBM15B	-0.59	0.31	-1.9	5.70E-02	0.19	case
miR_210	3793760	CNDP2	-0.36	0.19	-1.9	5.70E-02	0.19	case
miR_139_5p	2841284	ATP6V0E1	-0.78	0.41	-1.9	5.70E-02	0.19	control
miR_150_5p	3180957	HABP4	1.03	0.54	1.9	5.70E-02	0.19	case
miR_181a_5p	3936887	MRPL40	0.57	0.3	1.9	5.70E-02	0.19	control
miR_193a_5p	3385175	PICALM	0.29	0.15	1.9	5.70E-02	0.19	case
let_7b_5p	3843386	ZNF530	0.35	0.18	1.9	5.70E-02	0.19	control
miR_155_5p	3724360	GOSR2	-0.52	0.27	-1.9	5.70E-02	0.19	case
miR_222_3p	2562198	TGOLN2	-0.34	0.18	-1.9	5.70E-02	0.19	case
miR_193a_5p	2562198	TGOLN2	-0.46	0.24	-1.9	5.70E-02	0.19	case
miR_196b_5p	2682436	RYBP	-0.41	0.21	-1.9	5.70E-02	0.19	control
miR_106b_5p	2366028	DCAF6	-0.27	0.14	-1.9	5.70E-02	0.19	control
miR_20b_5p	2394841	DNAJC11	-0.43	0.22	-1.9	5.70E-02	0.19	case
miR_590_5p	3816778	GNA11	0.36	0.19	1.9	5.70E-02	0.19	control

miR_20b_5p	2682436	RYBP	-0.37	0.2	-1.9	5.70E-02	0.19	control
miR_181a_5p	3336696	KDM2A	-0.54	0.29	-1.9	5.70E-02	0.19	case
miR_222_3p	3168136	RGP1	-0.36	0.19	-1.9	5.70E-02	0.19	case
miR_29b_2_5p	3372253	CELF1	-0.61	0.32	-1.9	5.70E-02	0.19	case
miR_210	3414390	SMARCD1	-0.57	0.3	-1.9	5.70E-02	0.19	case
miR_941	3695907		-0.3	0.16	-1.9	5.70E-02	0.19	case
miR_628_3p	3572235	MLH3	0.45	0.23	1.9	5.70E-02	0.19	case
miR_210	3647993	CIITA	-0.37	0.19	-1.9	5.80E-02	0.19	case
miR_93_5p	3825713	GATAD2A	-0.53	0.28	-1.9	5.80E-02	0.19	case
miR_150_5p	3452231	SLC38A1	0.78	0.41	1.9	5.80E-02	0.19	case
miR_339_3p	3781654	RIOK3	-0.27	0.14	-1.9	5.80E-02	0.19	control
miR_155_5p	3375340	CPSF7	-0.6	0.31	-1.9	5.80E-02	0.19	case
miR_103a_3p	2591837	SLC40A1	-0.43	0.22	-1.9	5.80E-02	0.19	control
miR_17_5p	2950629	TAPBP	-0.53	0.28	-1.9	5.80E-02	0.19	case
miR_146a_5p	2591837	SLC40A1	-0.4	0.21	-1.9	5.80E-02	0.19	control
miR_301a_3p	3763656	TRIM25	-0.35	0.18	-1.9	5.80E-02	0.19	case
miR_106a_5p	2340433	LEPR	-0.42	0.22	-1.9	5.80E-02	0.19	control
miR_590_5p	3212143	UBQLN1	-0.27	0.14	-1.9	5.80E-02	0.19	control
miR_17_5p	2504328	GYPC	-0.32	0.17	-1.9	5.80E-02	0.19	control
let_7b_5p	3132940	ANK1	-0.25	0.13	-1.9	5.80E-02	0.19	case
miR_196b_5p	2748346	TLR2	-0.43	0.23	-1.9	5.80E-02	0.19	control
miR_181a_5p	2914693	SH3BGRL2	-0.29	0.15	-1.9	5.80E-02	0.19	control
miR_191_5p	3588069	TMEM85	1.7	0.89	1.9	5.80E-02	0.19	control
miR_382_5p	3962560	ATP5L2	-0.3	0.16	-1.9	5.80E-02	0.19	case
miR_301a_3p	2813414	CCNB1	-0.52	0.27	-1.89	5.80E-02	0.19	control
miR_197_3p	3442024	NOP2	-0.94	0.5	-1.89	5.80E-02	0.19	case
miR_590_5p	2428760	RSBN1	-0.26	0.14	-1.89	5.80E-02	0.19	control
miR_301a_3p	3583638	CYFIP1	-0.4	0.21	-1.89	5.80E-02	0.19	case
miR_628_3p	3980758	MED12	-0.36	0.19	-1.89	5.80E-02	0.19	case
miR_181a_5p	2609870	BRPF1	-0.66	0.35	-1.89	5.80E-02	0.19	case
miR_590_5p	2520069	C2orf88	-0.12	0.06	-1.89	5.80E-02	0.19	control
miR_181a_5p	3619326	PLCB2	-0.51	0.27	-1.89	5.80E-02	0.19	case
let_7c	3764471	MTMR4	0.61	0.32	1.89	5.80E-02	0.19	control
miR_93_5p	2948425	PPP1R10	-0.65	0.34	-1.89	5.80E-02	0.19	case
miR_103a_3p	2978026	FBXO30	-0.47	0.25	-1.89	5.80E-02	0.19	control
miR_590_5p	2488785	ALMS1	-0.24	0.13	-1.89	5.80E-02	0.19	control
miR_1275	3590341	CHP	-0.34	0.18	-1.89	5.90E-02	0.19	case
miR_210	2613441	KAT2B	-0.23	0.12	-1.89	5.90E-02	0.19	control

miR_150_5p	3540552	FUT8	0.76	0.4	1.89	5.90E-02	0.19	case
miR_370	2663295	TMEM40	-0.43	0.22	-1.89	5.90E-02	0.19	control
miR_210	3914786	ABCC13	-0.32	0.17	-1.89	5.90E-02	0.19	control
miR_320a	2545092	HADHA	-0.59	0.31	-1.89	5.90E-02	0.19	case
miR_744_5p	2881860	CCDC69	-0.64	0.34	-1.89	5.90E-02	0.19	case
miR_106a_5p	2893562	RREB1	-0.82	0.44	-1.89	5.90E-02	0.19	case
miR_148b_5p	3968397	WWC3	-0.73	0.39	-1.89	5.90E-02	0.19	control
miR_654_5p	3973768	LANCL3	-0.67	0.35	-1.89	5.90E-02	0.19	control
miR_1275	3886050	SRSF6	0.39	0.21	1.89	5.90E-02	0.19	case
miR_425_3p	2884216	RNF145	-0.62	0.33	-1.89	5.90E-02	0.19	control
miR_301a_3p	2641532	COPG	-0.4	0.21	-1.89	5.90E-02	0.19	case
let_7c	3303165	DNMBP	0.46	0.24	1.89	5.90E-02	0.19	control
miR_196b_5p	3101893	CSPP1	-0.32	0.17	-1.89	5.90E-02	0.19	control
miR_1275	3494706	SLAIN1	-0.31	0.17	-1.89	5.90E-02	0.19	control
miR_660_5p	3639479	H2AFV	0.44	0.24	1.89	5.90E-02	0.19	control
miR_193a_5p	3936887	MRPL40	0.51	0.27	1.89	5.90E-02	0.19	control
miR_301a_3p	3757840	STAT3	-0.3	0.16	-1.89	5.90E-02	0.19	case
miR_222_3p	2950561	WDR46	-0.44	0.23	-1.89	5.90E-02	0.19	case
let_7d_3p	3320604	USP47	0.21	0.11	1.89	5.90E-02	0.19	control
miR_193a_5p	3829638	KIAA0355	0.8	0.42	1.89	5.90E-02	0.19	control
miR_222_3p	2674501	AMT	-0.46	0.25	-1.89	5.90E-02	0.19	case
miR_1275	3617920	ATPBD4	0.3	0.16	1.89	5.90E-02	0.19	case
miR_106a_5p	2752725	NEIL3	-0.33	0.18	-1.89	5.90E-02	0.19	control
let_7d_3p	2735759	MMRN1	0.33	0.17	1.89	5.90E-02	0.19	control
miR_16_1_3p	3432030	ACAD10	-0.79	0.42	-1.88	5.90E-02	0.19	case
miR_93_5p	2958670	RAB23	-0.35	0.18	-1.88	6.00E-02	0.19	control
let_7e_5p	2327338	XKR8	-0.59	0.31	-1.88	6.00E-02	0.19	control
miR_20b_5p	2372211	PLA2G4A	-0.45	0.24	-1.88	6.00E-02	0.19	control
miR_185_5p	2591421	TFPI	-0.48	0.25	-1.88	6.00E-02	0.19	control
let_7d_3p	3760625	CDC27	0.21	0.11	1.88	6.00E-02	0.19	control
miR_301a_3p	3670918	PLCG2	-0.39	0.21	-1.88	6.00E-02	0.19	case
miR_24_3p	2587618	OLA1	-0.85	0.45	-1.88	6.00E-02	0.19	control
miR_629_5p	2544781	DTNB	-0.82	0.44	-1.88	6.00E-02	0.19	case
miR_301a_3p	3442054	CHD4	-0.32	0.17	-1.88	6.00E-02	0.19	case
miR_181a_5p	2613441	KAT2B	-0.33	0.17	-1.88	6.00E-02	0.19	control
miR_590_5p	2688882	C3orf17	-0.2	0.11	-1.88	6.00E-02	0.19	control
miR_29b_2_5p	3212189	GKAP1	-0.31	0.17	-1.88	6.00E-02	0.19	control
miR_93_5p	3822657	CD97	-0.38	0.2	-1.88	6.00E-02	0.19	case

miR_210	3759540	DCAKD	-0.5	0.26	-1.88	6.00E-02	0.19	case
let_7b_5p	3770699	MIF4GD	0.47	0.25	1.88	6.00E-02	0.19	control
miR_16_1_3p	3774728	CCDC57	-0.83	0.44	-1.88	6.00E-02	0.19	case
miR_590_5p	2475710	LCLAT1	-0.21	0.11	-1.88	6.00E-02	0.19	control
miR_29b_2_5p	3456260	ATF7	-0.49	0.26	-1.88	6.00E-02	0.19	case
miR_197_3p	3759356	EFTUD2	-0.54	0.29	-1.88	6.00E-02	0.19	case
miR_93_5p	2587618	OLA1	-0.51	0.27	-1.88	6.00E-02	0.19	control
miR_106b_5p	2486851	APLF	-0.42	0.22	-1.88	6.00E-02	0.19	control
miR_181a_5p	3352503	ARHGEF12	-0.27	0.14	-1.88	6.00E-02	0.19	control
miR_301a_3p	3030448	ZNF398	-0.58	0.31	-1.88	6.00E-02	0.19	case
miR_590_5p	2601648	DOCK10	-0.15	0.08	-1.88	6.00E-02	0.19	control
miR_197_3p	2949524	EHMT2	-1.1	0.59	-1.88	6.00E-02	0.19	case
miR_144_5p	3695726	AGRP	0.36	0.19	1.88	6.10E-02	0.19	control
miR_20a_5p	2620256	KIF15	-0.34	0.18	-1.88	6.10E-02	0.19	control
miR_505_5p	3855968	ZNF506	0.72	0.39	1.88	6.10E-02	0.19	control
miR_320a	2948713	RDBP	-0.75	0.4	-1.88	6.10E-02	0.19	case
miR_18a_3p	3383227	GAB2	-0.45	0.24	-1.88	6.10E-02	0.19	control
miR_106b_5p	2828146	CDC42SE2	-0.46	0.25	-1.88	6.10E-02	0.19	control
miR_301a_3p	2610394	TATDN2	-0.47	0.25	-1.88	6.10E-02	0.19	case
miR_93_5p	3375340	CPSF7	-0.55	0.29	-1.88	6.10E-02	0.19	case
miR_340_5p	2437086	DPM3	0.88	0.47	1.88	6.10E-02	0.19	case
miR_20b_5p	2832081	ZMAT2	-0.3	0.16	-1.87	6.10E-02	0.19	control
miR_106b_5p	2620256	KIF15	-0.36	0.19	-1.87	6.10E-02	0.19	control
miR_210	3819880	ZNF317	-0.51	0.27	-1.87	6.10E-02	0.19	case
miR_106a_5p	3942179	MTMR3	-0.42	0.22	-1.87	6.10E-02	0.19	case
miR_17_5p	2887048	STK10	-0.43	0.23	-1.87	6.10E-02	0.19	case
miR_301a_3p	2395245	RERE	-0.6	0.32	-1.87	6.10E-02	0.19	case
miR_106a_5p	3020444	CAPZA2	-0.33	0.17	-1.87	6.10E-02	0.19	control
miR_155_5p	3742783	NLRP1	-0.53	0.28	-1.87	6.10E-02	0.19	case
miR_1275	3540552	FUT8	0.3	0.16	1.87	6.10E-02	0.19	case
miR_590_5p	2594773	ALS2CR12	-0.13	0.07	-1.87	6.10E-02	0.19	control
let_7b_5p	3400034	WNK1	-0.27	0.15	-1.87	6.10E-02	0.19	case
miR_1275	3568534	SPTB	-0.23	0.13	-1.87	6.10E-02	0.19	case
miR_144_5p	2431112	NOTCH2	-0.24	0.13	-1.87	6.10E-02	0.19	case
miR_181a_5p	3841545	LILRA1	-0.42	0.23	-1.87	6.10E-02	0.19	case
miR_628_3p	2382360	DEGS1	-0.32	0.17	-1.87	6.10E-02	0.19	control
miR_29c_3p	2504328	GYPC	-0.28	0.15	-1.87	6.10E-02	0.19	control
miR_454_3p	2946681	HIST1H2BJ	-0.33	0.17	-1.87	6.10E-02	0.19	control

miR_197_3p	2662331	CAMK1	-0.88	0.47	-1.87	6.10E-02	0.19	case
miR_93_5p	2881187	CSF1R	-0.41	0.22	-1.87	6.10E-02	0.19	case
miR_196b_5p	2824198	APC	-0.4	0.22	-1.87	6.10E-02	0.19	control
let_7c	3843848	ZNF544	0.54	0.29	1.87	6.10E-02	0.19	control
miR_1275	3779756	SEH1L	0.32	0.17	1.87	6.10E-02	0.19	case
miR_660_5p	2594812	TRAK2	-0.25	0.14	-1.87	6.10E-02	0.19	control
miR_20b_5p	2406420	CLSPN	-0.43	0.23	-1.87	6.20E-02	0.19	control
miR_106b_5p	2649532	RSRC1	-0.26	0.14	-1.87	6.20E-02	0.19	control
miR_590_5p	3756193	TOP2A	-0.25	0.13	-1.87	6.20E-02	0.19	control
miR_29c_3p	2726323	SLAIN2	-0.43	0.23	-1.87	6.20E-02	0.19	control
miR_210	3380901	NUMA1	-0.54	0.29	-1.87	6.20E-02	0.19	case
miR_1275	3378818	PTPRCAP	-0.46	0.25	-1.87	6.20E-02	0.19	control
miR_301a_3p	2437801	ARHGEF2	-0.51	0.27	-1.87	6.20E-02	0.19	case
miR_590_5p	2442134	TMCO1	-0.2	0.11	-1.87	6.20E-02	0.19	control
miR_30c_5p	2527606	ARPC2	-1.22	0.65	-1.87	6.20E-02	0.19	control
miR_193a_5p	3739108	FN3KRP	0.59	0.32	1.87	6.20E-02	0.19	control
miR_197_3p	3326252	NAT10	-0.76	0.41	-1.87	6.20E-02	0.19	case
miR_185_5p	3192609	GF11B	-0.58	0.31	-1.87	6.20E-02	0.19	control
miR_320a	3959631	EIF3D	-0.65	0.35	-1.87	6.20E-02	0.19	case
miR_17_5p	2888519	UIMC1	-0.51	0.27	-1.87	6.20E-02	0.19	control
miR_29c_3p	3352503	ARHGEF12	-0.19	0.1	-1.87	6.20E-02	0.19	control
miR_106b_5p	3024275	MKLN1	-0.38	0.21	-1.87	6.20E-02	0.19	control
miR_17_5p	2902463	BAT2	-0.57	0.3	-1.87	6.20E-02	0.19	case
miR_590_5p	3572263	ACYPI	-0.23	0.12	-1.87	6.20E-02	0.19	control
miR_106a_5p	2902444	AIF1	-0.38	0.2	-1.87	6.20E-02	0.19	control
miR_629_5p	2361731	PRCC	-0.82	0.44	-1.87	6.20E-02	0.19	case
let_7c	3881874	ASXL1	0.62	0.33	1.87	6.20E-02	0.19	control
miR_1275	4013549	ITM2A	0.26	0.14	1.86	6.20E-02	0.19	case
miR_93_5p	2693569	ZXDC	-0.85	0.46	-1.86	6.20E-02	0.19	case
miR_210	3244488	RASSF4	-0.49	0.26	-1.86	6.20E-02	0.19	case
miR_145_5p	3608220	CRTC3	-0.53	0.29	-1.86	6.20E-02	0.19	case
miR_590_5p	3067080	COG5	-0.2	0.11	-1.86	6.20E-02	0.19	control
miR_1275	3389878	ALKBH8	0.28	0.15	1.86	6.20E-02	0.19	case
miR_454_3p	3398482	SNX19	-0.44	0.23	-1.86	6.20E-02	0.19	case
miR_320a	3135452	ATP6V1H	0.83	0.45	1.86	6.20E-02	0.19	control
miR_155_5p	3091301	PTK2B	-0.47	0.25	-1.86	6.30E-02	0.19	case
let_7g_5p	2318637	VAMP3	-0.53	0.29	-1.86	6.30E-02	0.19	control
miR_590_5p	2351872	RAP1A	-0.22	0.12	-1.86	6.30E-02	0.19	control

miR_16_5p	3372253	CELF1	-0.52	0.28	-1.86	6.30E-02	0.19	case
let_7d_3p	2973694	ARHGAP18	0.24	0.13	1.86	6.30E-02	0.19	control
let_7c	3863060	EXOSC5	0.61	0.33	1.86	6.30E-02	0.19	control
miR_625_5p	4007774	WDR45	-0.51	0.27	-1.86	6.30E-02	0.19	control
miR_148b_5p	2796553	ACSL1	-0.34	0.18	-1.86	6.30E-02	0.19	control
miR_148a_3p	3765580	BRIP1	-0.24	0.13	-1.86	6.30E-02	0.19	control
miR_193a_5p	3686587	CCDC101	-0.48	0.26	-1.86	6.30E-02	0.19	case
miR_210	2574646	BIN1	-0.63	0.34	-1.86	6.30E-02	0.19	case
miR_18a_3p	3316208	TALDO1	-0.52	0.28	-1.86	6.30E-02	0.19	control
miR_301a_3p	3334025	MARK2	-0.45	0.24	-1.86	6.30E-02	0.19	case
miR_590_5p	2450345	KIF14	-0.22	0.12	-1.86	6.30E-02	0.19	control
miR_148a_3p	2881239	PDGFRB	0.68	0.37	1.86	6.30E-02	0.19	control
let_7c	3824963	PGPEP1	0.59	0.32	1.86	6.30E-02	0.19	control
miR_106a_5p	3756193	TOP2A	-0.53	0.28	-1.86	6.30E-02	0.19	control
miR_181a_5p	2726323	SLAIN2	-0.53	0.29	-1.86	6.30E-02	0.19	control
miR_590_5p	2388525	SDCCAG8	-0.17	0.09	-1.86	6.30E-02	0.19	control
miR_181a_5p	3352070	CBL	-0.49	0.27	-1.86	6.40E-02	0.19	case
miR_181a_5p	3105430	LRRCC1	-0.38	0.21	-1.86	6.40E-02	0.19	control
miR_148b_5p	2435410	S100A11	-0.41	0.22	-1.85	6.40E-02	0.19	control
let_7c	3154700	ZFAT	-0.7	0.38	-1.85	6.40E-02	0.19	case
miR_25_5p	2780172	CENPE	-0.45	0.24	-1.85	6.40E-02	0.19	control
miR_7_1_3p	3316208	TALDO1	-0.29	0.15	-1.85	6.40E-02	0.19	control
miR_155_5p	2609870	BRPF1	-0.66	0.36	-1.85	6.40E-02	0.19	case
miR_106b_5p	3756193	TOP2A	-0.52	0.28	-1.85	6.40E-02	0.2	control
miR_1275	3806905	SMAD2	0.26	0.14	1.85	6.40E-02	0.2	case
let_7e_5p	3572235	MLH3	0.42	0.23	1.85	6.40E-02	0.2	case
miR_301a_3p	2609960	TTLL3	-0.57	0.31	-1.85	6.40E-02	0.2	case
miR_93_5p	2591837	SLC40A1	-0.39	0.21	-1.85	6.40E-02	0.2	control
miR_148b_5p	3779362	IMPA2	-0.51	0.28	-1.85	6.40E-02	0.2	control
miR_212_3p	3037385	KDELR2	-0.41	0.22	-1.85	6.40E-02	0.2	control
miR_193a_5p	3649811	NDE1	-0.36	0.2	-1.85	6.40E-02	0.2	case
miR_210	3646164	DNAJA3	-0.56	0.3	-1.85	6.40E-02	0.2	case
miR_301a_3p	2360257	IL6R	-0.42	0.23	-1.85	6.40E-02	0.2	case
miR_616_3p	3670918	PLCG2	-0.51	0.28	-1.85	6.40E-02	0.2	case
miR_744_5p	3159132	COMMD5	1.23	0.67	1.85	6.40E-02	0.2	control
miR_197_3p	3945585	APOBEC3D	-0.59	0.32	-1.85	6.50E-02	0.2	case
miR_93_5p	2893562	RREB1	-0.86	0.46	-1.85	6.50E-02	0.2	case
miR_181a_5p	2532064	COPS7B	-0.54	0.29	-1.85	6.50E-02	0.2	case

miR_106a_5p	2693569	ZXDC	-0.76	0.41	-1.85	6.50E-02	0.2	case
miR_224_5p	2376849	RASSF5	-0.85	0.46	-1.85	6.50E-02	0.2	case
miR_29b_2_5p	2925724	AKAP7	-0.3	0.16	-1.85	6.50E-02	0.2	control
miR_222_3p	3861978	PAF1	-0.32	0.17	-1.85	6.50E-02	0.2	case
miR_590_5p	2713192	DLG1	-0.16	0.09	-1.85	6.50E-02	0.2	control
miR_103a_3p	2371738	C1orf26	-0.31	0.17	-1.85	6.50E-02	0.2	control
miR_128	3028011	MGAM	-0.39	0.21	-1.85	6.50E-02	0.2	control
miR_93_5p	2360257	IL6R	-0.47	0.25	-1.85	6.50E-02	0.2	case
miR_197_3p	2452977	FAIM3	-0.58	0.31	-1.85	6.50E-02	0.2	case
miR_320a	4017281	NUP62CL	-0.53	0.28	-1.85	6.50E-02	0.2	control
let_7b_5p	3957486	DUSP18	0.31	0.17	1.85	6.50E-02	0.2	control
miR_155_5p	2663396	IQSEC1	-0.48	0.26	-1.85	6.50E-02	0.2	case
let_7d_5p	2447454	ARPC5	-1.18	0.64	-1.85	6.50E-02	0.2	control
miR_93_5p	3061651	BET1	0.3	0.16	1.85	6.50E-02	0.2	case
miR_221_3p	3682445	XYLT1	-0.6	0.33	-1.85	6.50E-02	0.2	case
miR_590_5p	3573994	C14orf145	-0.15	0.08	-1.84	6.50E-02	0.2	control
miR_17_5p	3315114	TUBGCP2	-0.62	0.34	-1.84	6.50E-02	0.2	case
miR_16_1_3p	2701294	TMEM14E	-0.35	0.19	-1.84	6.50E-02	0.2	control
miR_590_5p	3127878	ENTPD4	-0.31	0.17	-1.84	6.50E-02	0.2	case
miR_20a_5p	2449559	ASPM	-0.43	0.23	-1.84	6.50E-02	0.2	control
miR_185_5p	3246888	PRKG1	-0.79	0.43	-1.84	6.60E-02	0.2	control
miR_505_5p	2858592	DEPDC1B	-0.61	0.33	-1.84	6.60E-02	0.2	control
miR_590_5p	2417791	ANKRD13C	-0.2	0.11	-1.84	6.60E-02	0.2	control
miR_28_3p	3014714	ARPC1B	-0.47	0.26	-1.84	6.60E-02	0.2	control
miR_629_5p	3645901	NAT15	-0.8	0.43	-1.84	6.60E-02	0.2	case
miR_1236	3669059	GABARAPL2	0.79	0.43	1.84	6.60E-02	0.2	control
miR_127_3p	2963784	AKIRIN2	-0.51	0.28	-1.84	6.60E-02	0.2	control
miR_34b_3p	2454343	RD3	-1.17	0.64	-1.84	6.60E-02	0.2	control
miR_146a_5p	2447454	ARPC5	-1.19	0.65	-1.84	6.60E-02	0.2	control
let_7d_5p	3833757	SNRPA	0.72	0.39	1.84	6.60E-02	0.2	control
miR_181a_5p	2887048	STK10	-0.49	0.26	-1.84	6.60E-02	0.2	case
miR_133a	3281762	ENKUR	0.15	0.08	1.84	6.60E-02	0.2	case
miR_144_5p	3678395	GLYR1	-0.34	0.18	-1.84	6.60E-02	0.2	case
miR_16_1_3p	2428313	ST7L	-0.73	0.4	-1.84	6.60E-02	0.2	control
miR_301a_3p	3847252	SAFB2	-0.52	0.28	-1.84	6.60E-02	0.2	case
miR_210	3685183	GGA2	-0.35	0.19	-1.84	6.60E-02	0.2	case
miR_301a_3p	2411228	STIL	-0.33	0.18	-1.84	6.60E-02	0.2	control
miR_423_5p	3686587	CCDC101	-0.71	0.39	-1.84	6.60E-02	0.2	case

miR_210	3072276	UBE2H	-0.27	0.15	-1.84	6.60E-02	0.2	control
miR_20b_5p	2662491	TMEM111	-0.24	0.13	-1.84	6.60E-02	0.2	control
let_7d_3p	3592484	PLDN	0.21	0.11	1.84	6.60E-02	0.2	control
miR_181a_5p	3016380	CUX1	-0.73	0.4	-1.84	6.60E-02	0.2	case
miR_505_5p	2779408	MAPKSP1	0.33	0.18	1.84	6.60E-02	0.2	case
miR_505_5p	3951887	ATP6V1E1	0.45	0.24	1.84	6.60E-02	0.2	case
miR_301a_3p	3066496	ATXN7L1	-0.6	0.33	-1.84	6.60E-02	0.2	case
miR_19a_3p	2384705	URB2	0.79	0.43	1.84	6.60E-02	0.2	control
miR_590_5p	2945645	TDP2	-0.16	0.09	-1.84	6.60E-02	0.2	control
miR_106b_5p	2343289	DNAJB4	-0.21	0.11	-1.84	6.60E-02	0.2	control
miR_1275	3320819	MICALCL	-0.23	0.12	-1.84	6.60E-02	0.2	case
miR_25_5p	3851072	ACP5	0.36	0.2	1.84	6.60E-02	0.2	control
let_7c	2583602	RBMS1	-0.34	0.18	-1.84	6.60E-02	0.2	control
miR_196b_5p	2347132	FNBP1L	-0.3	0.17	-1.84	6.60E-02	0.2	control
miR_197_3p	3866898	LIG1	-1.41	0.77	-1.84	6.60E-02	0.2	case
miR_210	2488732	CCT7	-0.34	0.19	-1.83	6.70E-02	0.2	case
miR_93_5p	3131741	RAB11FIP1	-0.42	0.23	-1.83	6.70E-02	0.2	case
miR_1275	3812426	RTTN	0.45	0.24	1.83	6.70E-02	0.2	case
let_7b_5p	3563395	POLE2	-0.22	0.12	-1.83	6.70E-02	0.2	control
miR_590_5p	3719980	LASP1	-0.21	0.12	-1.83	6.70E-02	0.2	case
miR_375	2428313	ST7L	-0.73	0.4	-1.83	6.70E-02	0.2	control
miR_197_3p	3373845	SLC43A3	-0.72	0.39	-1.83	6.70E-02	0.2	case
miR_660_5p	2910477	FBXO9	-0.3	0.17	-1.83	6.70E-02	0.2	control
miR_106a_5p	3701623	GAFA2	-0.26	0.14	-1.83	6.70E-02	0.2	case
let_7d_3p	3994795	MTM1	0.28	0.15	1.83	6.70E-02	0.2	control
let_7c	3418492	TSPAN31	0.47	0.26	1.83	6.70E-02	0.2	control
miR_130a_3p	2726323	SLAIN2	-0.48	0.26	-1.83	6.70E-02	0.2	control

Supplementary Table VII: Summary of the Clinical Characteristics of the replication populations (63 CHD Case and 1000 Controls)

	CHD Cases N=63	CHD Controls N=1000
Age (yr)	73.2±8.9	65.6±8.0
Sex, male (%)	46 (73)	386 (39)
Hypertension, n (%)	50 (79)	504 (50)
Diabetes, n (%)	24 (38)	110 (11)
BMI (kg/m ²)	29.2±4.8	27.9±5.5
Systolic BP (mm Hg)	127 ±17	128±17
Diastolic BP (mm Hg)	67±10	74±10
Total cholesterol (mg/dl)	153±34	192±36
Triglycerides (mg/dl)	126±86	117±71
HDL cholesterol (mg/dl)	49±13	60±18
Glucose	112±32	105±21
Lipid treatment, n (%)	59 (94)	336 (34)
Anti-hypertensive treatment, n (%)	50 (79)	439 (44)
Diabetes treatment, n (%)	21 (33)	61 (6)
Current cigarette smoking, n (%)	6 (10)	81 (8)

Supplementary Table VIII: *cis*-mRNA-eSNPs in predicted miRNA Targeting Sites of mRNAs

mRNA-eSNP	mRNA	miRNA correlated with and targeting the corresponding mRNA
rs10226803	NAA38	hsa-miR-151a-5p
rs10267938	NAA38	hsa-miR-1255b-5p
rs10793055	CLPB	hsa-miR-7-5p
rs10858864	POC1B	hsa-miR-744-5p
rs10858879	POC1B	hsa-miR-148b-3p
rs1107811	GGTA1	hsa-miR-29b-2-5p
rs11219888	CCDC15	hsa-miR-29b-2-5p
rs11631947	IGF1R	hsa-miR-181a-5p
rs11655903	C17orf68	hsa-miR-17-5p
rs11973400	GIMAP5	hsa-miR-324-3p
rs1199072	CISD1	hsa-miR-24-2-5p
rs1199072	IPMK	hsa-miR-24-2-5p
rs12568384	SLC22A15	hsa-miR-378a-5p
rs12577557	CYB5R2	hsa-miR-26a-1-3p
rs12614872	BARD1	hsa-miR-25-5p
rs13001462	BARD1	hsa-miR-181a-5p
rs13284967	C9orf72	hsa-miR-628-3p
rs13297359	TOR1B	hsa-miR-17-5p
rs13297359	C9orf78	hsa-miR-17-5p
rs1346945	HSPBAP1	hsa-miR-24-2-5p
rs1456721	DZIP3	hsa-miR-17-5p
rs1493451	CENPK	hsa-miR-195-5p
rs1504534	FAM174A	hsa-miR-196b-5p
rs1543681	HIST1H4H	hsa-miR-505-5p
rs1543681	HIST1H2BF	hsa-miR-505-5p
rs1562748	LPIN1	hsa-miR-181a-5p
rs16897666	COX6C	hsa-miR-505-5p
rs17088553	TMPRSS11D	hsa-miR-200c-3p
rs17088553	GNRHR	hsa-miR-200c-3p
rs1739886	C6orf162	hsa-miR-24-2-5p
rs17488675	ARPC5	hsa-miR-223-3p
rs17629956	C22orf43	hsa-miR-7-5p
rs17838439	RPIA	hsa-miR-502-3p
rs1982756	TREML4	hsa-miR-335-3p
rs1982756	TREM1	hsa-miR-335-3p
rs2016407	APOBEC3B	hsa-miR-221-3p
rs2072708	TST	hsa-miR-200c-3p

rs2075516	MYH11	hsa-miR-505-5p
rs2100220	COX6C	hsa-miR-454-3p
rs2148621	ARPC5	hsa-miR-184
rs2296775	POLR1E	hsa-miR-181a-5p
rs2303792	COG4	hsa-miR-652-3p
rs2306676	RPIA	hsa-miR-744-5p
rs2453644	SPAG1	hsa-miR-17-5p
rs2462904	SKAP2	hsa-miR-454-3p
rs2769365	SKAP2	hsa-miR-454-3p
rs2839191	DIP2A	hsa-miR-196b-5p
rs2966564	DZIP3	hsa-miR-301a-3p
rs363608	INO80B	hsa-miR-378a-5p
rs3737438	DIP2A	hsa-miR-93-5p
rs3740651	TMEM80	hsa-miR-24-2-5p
rs3765012	DHPS	hsa-miR-324-3p
rs3765012	RNASEH2A	hsa-miR-324-3p
rs3765012	MAN2B1	hsa-miR-324-3p
rs3765012	TNPO2	hsa-miR-324-3p
rs3765012	IL27RA	hsa-miR-324-3p
rs3765012	C19orf43	hsa-miR-324-3p
rs3765012	FARSA	hsa-miR-324-3p
rs3771172	IL1RL1	hsa-miR-1260a
rs3771172	IL18RAP	hsa-miR-1260a
rs38828	NAA38	hsa-miR-425-3p
rs405684	TRIM37	hsa-miR-320a
rs4141796	DDX27	hsa-miR-629-5p
rs4239846	ATP6V1E1	hsa-miR-196b-5p
rs4259246	UHRF1BP1	hsa-miR-200c-3p
rs4851614	IL18RAP	hsa-miR-148b-5p
rs4851614	IL1RL1	hsa-miR-148b-5p
rs499910	SIDT2	hsa-miR-181a-5p
rs5747064	ATP6V1E1	hsa-miR-212-3p
rs6031858	YWHAB	hsa-miR-629-5p
rs6058110	HM13	hsa-miR-144-5p
rs6058197	HM13	hsa-miR-93-5p
rs6087778	HM13	hsa-miR-155-5p
rs6087778	TPX2	hsa-miR-155-5p
rs6089071	HM13	hsa-miR-185-5p
rs6119725	HM13	hsa-miR-155-5p
rs6466645	NAA38	hsa-miR-17-5p
rs6908328	HIST1H4H	hsa-miR-423-5p

rs6908328	HIST1H2BF	hsa-miR-423-5p
rs6935500	VNN3	hsa-miR-365a-3p
rs6935500	VNN2	hsa-miR-365a-3p
rs7199717	MYH11	hsa-miR-199a-3p
rs7522150	DENND2D	hsa-miR-193a-5p
rs774251	SKAP2	hsa-miR-196b-5p
rs7761779	HIST1H4H	hsa-miR-193a-5p
rs7841423	TRAPPC9	hsa-miR-155-5p
rs7850573	TJP2	hsa-miR-144-5p
rs791320	ISCA1	hsa-miR-20b-5p
rs7994566	RCBTB1	hsa-miR-636
rs870181	VPS53	hsa-miR-25-5p
rs879172	RAPGEF1	hsa-miR-652-3p
rs920071	GGTA1	hsa-miR-628-3p
rs9349413	CD2AP	hsa-miR-196b-5p
rs9353462	C6orf162	hsa-miR-16-1-3p
rs9393791	BTN3A2	hsa-miR-423-5p
rs9894586	GSDMB	hsa-miR-654-5p
rs1051500	ZNF132	hsa-miR-221-3p
rs10733709	TGFBR1	hsa-miR-93-3p
rs10807248	TREML4	hsa-miR-502-5p
rs11211237	PIK3R3	hsa-miR-628-3p
rs11608404	NUP107	hsa-miR-590-5p
rs12566133	TAF13	hsa-miR-629-3p
rs12602426	SSH2	hsa-miR-340-5p
rs1660328	SPAG1	hsa-miR-454-3p
rs17582921	TLR1	hsa-miR-27a-5p
rs1926838	ARPC5	hsa-miR-193a-5p
rs198851	HIST1H4B	hsa-miR-505-5p
rs2167930	TSGA10	hsa-miR-301a-3p
rs2237328	SKAP2	hsa-miR-27a-5p
rs2289590	C17orf68	hsa-miR-27a-5p
rs2632283	TSGA10	hsa-miR-106a-5p
rs27137	CENPK	hsa-miR-195-5p
rs27137	ADAMTS6	hsa-miR-195-5p
rs2836302	KCNJ15	hsa-miR-145-5p
rs3747023	ATP6V1E1	hsa-miR-16-5p
rs3847652	PEBP1	hsa-miR-625-3p
rs4815642	UBOX5	hsa-miR-185-5p
rs606695	C1orf156	hsa-miR-106a-5p
rs6424911	ARPC5	hsa-miR-27a-5p

rs770376	POC1B	hsa-miR-324-5p
rs9393692	HIST1H4H	hsa-miR-505-5p
rs9393692	HIST1H2BF	hsa-miR-505-5p
rs9604771	ATP6V1E1	hsa-miR-29b-2-5p
rs9616694	C22orf34	hsa-miR-27a-5p
rs9616694	FLJ44385	hsa-miR-27a-5p
rs9986459	BTN3A2	hsa-miR-505-5p
rs9986459	HIST1H4B	hsa-miR-505-5p
rs1005277	HSD17B7P2	hsa-miR-99b-5p
rs10772998	CDK2AP1	hsa-let-7b-5p
rs13109533	ARFIP1	hsa-miR-27a-5p
rs1736969	IFITM4P	hsa-let-7g-3p
rs174371	ATP6V1E1	hsa-miR-29c-3p
rs36135	ADAMTS6	hsa-miR-195-5p
rs36135	CENPK	hsa-miR-195-5p
rs4658685	EFCAB2	hsa-miR-106b-5p
rs725510	SCP2	hsa-miR-590-5p
rs7657160	ARFIP1	hsa-miR-27a-5p
rs12758653	PPT1	hsa-let-7b-5p
rs1692004	SPAG1	hsa-miR-93-3p
rs2246626	HLA-B	hsa-miR-142-3p
rs12442313	IGF1R	hsa-let-7b-5p
rs1773321	LRRC7	hsa-let-7b-5p
rs1788199	SPAG1	hsa-let-7d-5p
rs1788199	SPAG1	hsa-miR-106b-5p
rs27770	DCTN5	hsa-let-7b-5p
rs4673925	BARD1	hsa-let-7b-5p
rs4673925	BARD1	hsa-let-7d-5p
rs4673925	BARD1	hsa-miR-106b-5p
rs4744671	TJP2	hsa-let-7b-5p
rs886424	NCRNA00243	hsa-miR-29b-2-5p
rs6079325	NSFL1C	hsa-let-7b-5p
rs11980379	IKZF1	hsa-miR-1254
rs227938	CCDC126	hsa-let-7e-5p
rs227938	CCDC126	hsa-let-7g-5p
rs227938	CCDC126	hsa-miR-103a-3p
rs227938	CCDC126	hsa-miR-106b-3p
rs227938	CCDC126	hsa-miR-1254
rs227938	CCDC126	hsa-miR-125a-5p
rs2850080	CBR3	hsa-miR-1254
rs6471265	TMEM55A	hsa-let-7e-5p

rs6471265	TMEM55A	hsa-miR-106b-3p
rs6471265	TMEM55A	hsa-miR-1254
rs6471265	TMEM55A	hsa-miR-125a-5p
rs6471265	OTUD6B	hsa-let-7e-5p
rs6471265	OTUD6B	hsa-miR-106b-3p
rs6471265	OTUD6B	hsa-miR-1254
rs6471265	OTUD6B	hsa-miR-125a-5p
rs9908414	LOC100130950	hsa-let-7b-5p
rs9908414	C17orf87	hsa-let-7b-5p
rs12191595	HLA-B	hsa-miR-146b-5p
rs6930572	HLA-B	hsa-miR-146b-5p
rs2523502	HLA-B	hsa-miR-28-3p

Supplementary Table IX: The representative cis-miR-eSNPs of the CHD case-specific miRNA-mRNA pairs that reach CHD association $p < 0.05$ in CARDIoGRAM GWAS.

snpID	miRNA name	cis / trans	CHD p value in CARDIOGRAM
rs10892845	miR_125b_5p	cis	7.2E-04
rs3807598	miR_196b_5p	cis	8.7E-04
rs12434496	miR_654_5p	cis	1.0E-03
rs12434496	miR_382_5p	cis	1.0E-03
rs12434496	miR_433	cis	1.0E-03
rs12434496	miR_431_5p	cis	1.0E-03
rs4936696	miR_125b_5p	cis	1.1E-03
rs480478	miR_125b_5p	cis	1.3E-03
rs1450801	miR_125b_5p	cis	1.6E-03
rs1376225	miR_125b_5p	cis	1.6E-03
rs1376226	miR_125b_5p	cis	1.6E-03
rs11218638	miR_125b_5p	cis	1.6E-03
rs3906964	miR_125b_5p	cis	1.6E-03
rs2122605	miR_125b_5p	cis	1.6E-03
rs7939911	miR_125b_5p	cis	1.8E-03
rs2887839	miR_125b_5p	cis	1.8E-03
rs9645666	miR_125b_5p	cis	1.8E-03
rs10233387	miR_196b_5p	cis	2.0E-03
rs7929357	miR_125b_5p	cis	2.0E-03
rs1784613	miR_125b_5p	cis	2.1E-03
rs7129087	miR_125b_5p	cis	2.1E-03
rs4320961	miR_125b_5p	cis	2.3E-03
rs2189239	miR_196b_5p	cis	2.9E-03
rs10790505	miR_125b_5p	cis	3.1E-03
rs7106224	miR_125b_5p	cis	3.2E-03
rs10160528	miR_125b_5p	cis	3.4E-03
rs1190815	miR_382_5p	cis	3.4E-03
rs1190815	miR_654_5p	cis	3.4E-03
rs1993042	miR_125b_5p	cis	3.4E-03
rs2370741	miR_125b_5p	cis	3.8E-03
rs17359474	miR_196b_5p	cis	4.0E-03
rs2158710	miR_196b_5p	cis	4.0E-03
rs4905999	miR_433	cis	4.0E-03
rs4905999	miR_382_5p	cis	4.0E-03
rs4905999	miR_654_5p	cis	4.0E-03
rs11218628	miR_125b_5p	cis	4.5E-03
rs12897601	miR_433	cis	4.9E-03

rs12897601	miR_431_5p	cis	4.9E-03
rs12897601	miR_654_5p	cis	4.9E-03
rs12897601	miR_382_5p	cis	4.9E-03
rs7155649	miR_382_5p	cis	5.9E-03
rs7155649	miR_433	cis	5.9E-03
rs7155649	miR_654_5p	cis	5.9E-03
rs11763033	miR_196b_5p	cis	6.5E-03
rs7141210	miR_431_5p	cis	6.9E-03
rs7141210	miR_433	cis	6.9E-03
rs7141210	miR_654_5p	cis	6.9E-03
rs7141210	miR_329	cis	6.9E-03
rs7141210	miR_654_5p	cis	6.9E-03
rs7141210	miR_329	cis	6.9E-03
rs7141210	miR_329	cis	6.9E-03
rs7141210	miR_382_5p	cis	6.9E-03
rs7141210	miR_329	cis	6.9E-03
rs2285724	miR_196b_5p	cis	7.5E-03
rs10085570	miR_196b_5p	cis	8.2E-03
rs12882815	miR_382_5p	cis	8.6E-03
rs12882815	miR_329	cis	8.6E-03
rs12882815	miR_654_5p	cis	8.6E-03
rs12882815	miR_431_5p	cis	8.6E-03
rs12882815	miR_329	cis	8.6E-03
rs12882815	miR_329	cis	8.6E-03
rs12882815	miR_329	cis	8.6E-03
rs12882815	miR_433	cis	8.6E-03
rs12882815	miR_654_5p	cis	8.6E-03
rs12147987	miR_382_5p	cis	9.2E-03
rs12147987	miR_654_5p	cis	9.2E-03
rs1216553	miR_125b_5p	cis	9.2E-03
rs4722657	miR_196b_5p	cis	1.1E-02
rs11763148	miR_196b_5p	cis	1.1E-02
rs11071182	miR_628_3p	cis	1.2E-02
rs7140792	miR_654_5p	cis	1.2E-02
rs7140792	miR_382_5p	cis	1.2E-02
rs4722623	miR_196b_5p	cis	1.4E-02
rs13243033	miR_196b_5p	cis	1.4E-02
rs4722672	miR_196b_5p	cis	1.5E-02
rs6968828	miR_196b_5p	cis	1.5E-02
rs8041044	miR_628_3p	cis	1.6E-02
rs941571	miR_382_5p	cis	1.6E-02

rs10228276	miR_196b_5p	cis	1.7E-02
rs7812039	miR_196b_5p	cis	1.7E-02
rs388468	miR_130b_5p	cis	1.8E-02
rs10951154	miR_196b_5p	cis	1.8E-02
rs10081212	miR_196b_5p	cis	1.8E-02
rs6475539	miR_31_5p	cis	1.8E-02
rs1452654	miR_31_5p	cis	1.8E-02
rs1377192	miR_31_5p	cis	1.9E-02
rs4722659	miR_196b_5p	cis	1.9E-02
rs4978124	miR_31_5p	cis	2.0E-02
rs8027135	miR_628_3p	cis	2.0E-02
rs8042642	miR_628_3p	cis	2.0E-02
rs7168882	miR_628_3p	cis	2.0E-02
rs8031507	miR_628_3p	cis	2.0E-02
rs8041885	miR_628_3p	cis	2.0E-02
rs10518810	miR_628_3p	cis	2.0E-02
rs7177888	miR_628_3p	cis	2.0E-02
rs16976307	miR_628_3p	cis	2.1E-02
rs2107063	miR_196b_5p	cis	2.1E-02
rs6493781	miR_628_3p	cis	2.1E-02
rs1555406	miR_654_5p	cis	2.1E-02
rs1555406	miR_382_5p	cis	2.1E-02
rs7164984	miR_628_3p	cis	2.1E-02
rs16976314	miR_628_3p	cis	2.2E-02
rs8028482	miR_628_3p	cis	2.2E-02
rs7162724	miR_628_3p	cis	2.2E-02
rs8029077	miR_628_3p	cis	2.2E-02
rs8029258	miR_628_3p	cis	2.3E-02
rs16953240	miR_628_3p	cis	2.3E-02
rs11732	miR_628_3p	cis	2.3E-02
rs12797830	miR_125b_5p	cis	2.3E-02
rs1452653	miR_31_5p	cis	2.4E-02
rs1190821	miR_654_5p	cis	2.4E-02
rs1190821	miR_382_5p	cis	2.4E-02
rs8074803	miR_193a_5p	cis	2.5E-02
rs7170970	miR_628_3p	cis	2.5E-02
rs774265	miR_196b_5p	cis	2.6E-02
rs4906002	miR_654_5p	cis	2.6E-02
rs4906002	miR_382_5p	cis	2.6E-02
rs1190820	miR_654_5p	cis	2.7E-02
rs1190820	miR_382_5p	cis	2.7E-02

rs11871038	miR_193a_5p	cis	2.7E-02
rs12974855	miR_125a_5p	cis	2.8E-02
rs7181999	miR_628_3p	cis	2.8E-02
rs2104070	miR_382_5p	cis	2.9E-02
rs2104070	miR_654_5p	cis	2.9E-02
rs12417949	miR_125b_5p	cis	2.9E-02
rs8034029	miR_628_3p	cis	3.0E-02
rs9909884	miR_152	cis	3.0E-02
rs1190818	miR_382_5p	cis	3.2E-02
rs1190818	miR_654_5p	cis	3.2E-02
rs2140998	miR_196b_5p	cis	3.3E-02
rs7341470	miR_196b_5p	cis	3.3E-02
rs6575800	miR_654_5p	cis	3.4E-02
rs6575800	miR_382_5p	cis	3.4E-02
rs10147404	miR_382_5p	cis	3.5E-02
rs10147404	miR_654_5p	cis	3.5E-02
rs8012970	miR_329	cis	3.5E-02
rs8012970	miR_431_5p	cis	3.5E-02
rs8012970	miR_654_5p	cis	3.5E-02
rs8012970	miR_329	cis	3.5E-02
rs8012970	miR_382_5p	cis	3.5E-02
rs8012970	miR_654_5p	cis	3.5E-02
rs8012970	miR_329	cis	3.5E-02
rs8012970	miR_433	cis	3.5E-02
rs8012970	miR_329	cis	3.5E-02
rs706017	miR_196b_5p	cis	3.5E-02
rs1562996	miR_31_5p	cis	3.5E-02
rs7810502	miR_196b_5p	cis	3.5E-02
rs9909665	miR_193a_5p	cis	3.5E-02
rs1077028	miR_654_5p	cis	3.7E-02
rs1077028	miR_382_5p	cis	3.7E-02
rs8012350	miR_654_5p	cis	3.8E-02
rs8012350	miR_382_5p	cis	3.8E-02
rs17099614	miR_329	cis	3.8E-02
rs17099614	miR_329	cis	3.8E-02
rs17099614	miR_329	cis	3.8E-02
rs17099614	miR_654_5p	cis	3.8E-02
rs17099614	miR_329	cis	3.8E-02
rs17099614	miR_433	cis	3.8E-02
rs17099614	miR_382_5p	cis	3.8E-02
rs17099614	miR_654_5p	cis	3.8E-02

rs17092961	miR_125b_5p	cis	3.8E-02
rs396913	miR_130b_5p	cis	4.1E-02
rs7927267	miR_210	cis	4.3E-02
rs2936423	miR_196b_5p	cis	4.4E-02
rs11218622	miR_125b_5p	cis	4.4E-02
rs17234336	miR_339_3p	cis	4.5E-02
rs6143056	miR_133a	cis	4.5E-02
rs6143056	miR_133a	cis	4.5E-02
rs4073275	miR_133a	cis	4.6E-02
rs4073275	miR_133a	cis	4.6E-02
rs875898	miR_196b_5p	cis	4.6E-02
rs10146962	miR_329	cis	4.7E-02
rs10146962	miR_329	cis	4.7E-02
rs10146962	miR_654_5p	cis	4.7E-02
rs10146962	miR_382_5p	cis	4.7E-02
rs10146962	miR_329	cis	4.7E-02
rs10146962	miR_329	cis	4.7E-02
rs10146962	miR_654_5p	cis	4.7E-02
rs10146962	miR_433	cis	4.7E-02
rs10146962	miR_431_5p	cis	4.7E-02
rs11218636	miR_125b_5p	cis	4.7E-02
rs1859166	miR_196b_5p	cis	4.8E-02
rs17182078	miR_193a_5p	cis	4.8E-02
rs10147396	miR_382_5p	cis	4.8E-02
rs10147396	miR_654_5p	cis	4.8E-02
rs3813451	miR_133a	cis	4.8E-02
rs3813451	miR_133a	cis	4.8E-02
rs11160604	miR_654_5p	cis	4.9E-02
rs11160604	miR_382_5p	cis	4.9E-02
rs9912500	miR_152	cis	4.9E-02
rs2522828	miR_196b_5p	cis	4.9E-02
rs8005989	miR_654_5p	cis	5.0E-02
rs8005989	miR_382_5p	cis	5.0E-02
rs10892844	miR_125b_5p	cis	5.0E-02
rs365112	miR_193a_5p	cis	5.0E-02

Supplementary Table X: The representative mRNA-eSNPs from the CHD control-specific miRNA-mRNA pairs that reach CHD association $p < 0.05$ in CARDIoGRAM GWAS.

snpID	Gene Name	CHD p value in CARDIOGRAM
rs7173743	CTSH	1.7E-07
rs11072810	CTSH	5.2E-07
rs11871738	C17orf39	3.3E-06
rs4539564	CTSH	9.5E-06
rs9890064	C17orf39	1.2E-05
rs6502629	C17orf39	1.5E-05
rs6502622	C17orf39	1.5E-05
rs8065563	C17orf39	1.9E-05
rs7224619	C17orf39	1.9E-05
rs7501812	C17orf39	2.2E-05
rs2184833	ADAMTSL4	2.3E-05
rs4925094	C17orf39	2.4E-05
rs6457792	UHRF1BP1	2.6E-05
rs2230590	RBM6	2.9E-05
rs1889018	C17orf39	3.0E-05
rs1052299	C17orf39	3.0E-05
rs4925114	C17orf39	3.2E-05
rs9902941	C17orf39	3.2E-05
rs2777888	RBM6	3.3E-05
rs1869771	C17orf39	3.5E-05
rs9913277	C17orf39	3.7E-05
rs2681781	RBM6	3.9E-05
rs8065154	C17orf39	4.0E-05
rs7208561	C17orf39	4.6E-05
rs7412396	ADAMTSL4	4.7E-05
rs3183702	C17orf39	4.7E-05
rs2955359	C17orf39	5.2E-05
rs4925119	C17orf39	5.4E-05
rs9897309	C17orf39	5.4E-05
rs2867301	ADAMTSL4	5.5E-05
rs6457796	UHRF1BP1	5.9E-05
rs6163	C10orf32	6.7E-05
rs2477508	UHRF1BP1	6.8E-05
rs2814953	UHRF1BP1	6.8E-05
rs1998702	UHRF1BP1	6.9E-05
rs12089989	ADAMTSL4	7.0E-05
rs9469857	UHRF1BP1	7.5E-05

rs4919683	C10orf32	7.6E-05
rs2955355	C17orf39	8.0E-05
rs12204265	UHRF1BP1	8.1E-05
rs1336900	ADAMTSL4	8.2E-05
rs9394248	UHRF1BP1	8.3E-05
rs854791	C17orf39	8.3E-05
rs7224617	C17orf39	8.5E-05
rs10947531	UHRF1BP1	9.0E-05
rs4290163	C10orf32	9.0E-05
rs9296129	UHRF1BP1	9.2E-05
rs7096169	C10orf32	9.4E-05
rs3800461	UHRF1BP1	9.6E-05
rs2764211	UHRF1BP1	1.0E-04
rs4072739	C17orf39	1.0E-04
rs9462027	UHRF1BP1	1.0E-04
rs11204697	ADAMTSL4	1.0E-04
rs7774697	UHRF1BP1	1.0E-04
rs2814971	UHRF1BP1	1.1E-04
rs3800458	UHRF1BP1	1.1E-04
rs6906129	UHRF1BP1	1.1E-04
rs205262	UHRF1BP1	1.1E-04
rs854813	C17orf39	1.1E-04
rs7211714	C17orf39	1.1E-04
rs6587518	ADAMTSL4	1.2E-04
rs4925108	C17orf39	1.2E-04
rs2275236	ADAMTSL4	1.2E-04
rs854809	C17orf39	1.2E-04
rs4513788	UHRF1BP1	1.2E-04
rs9462014	UHRF1BP1	1.3E-04
rs11759151	UHRF1BP1	1.3E-04
rs7341267	UHRF1BP1	1.4E-04
rs7341253	UHRF1BP1	1.4E-04
rs998278	UHRF1BP1	1.4E-04
rs2764207	UHRF1BP1	1.4E-04
rs3734268	UHRF1BP1	1.4E-04
rs7755982	UHRF1BP1	1.4E-04
rs7739771	UHRF1BP1	1.4E-04
rs2764206	UHRF1BP1	1.4E-04
rs2814968	UHRF1BP1	1.4E-04
rs2814959	UHRF1BP1	1.4E-04
rs9462015	UHRF1BP1	1.4E-04

rs2764201	UHRF1BP1	1.4E-04
rs2814966	UHRF1BP1	1.4E-04
rs9462006	UHRF1BP1	1.4E-04
rs820082	UHRF1BP1	1.4E-04
rs12672451	COG5	1.4E-04
rs2814947	UHRF1BP1	1.6E-04
rs9380455	UHRF1BP1	1.6E-04
rs4925125	C17orf39	1.6E-04
rs10738078	UHRF1BP1	1.7E-04
rs4380028	CTSH	1.7E-04
rs2764208	UHRF1BP1	1.7E-04
rs9469909	UHRF1BP1	1.8E-04
rs6924898	UHRF1BP1	1.8E-04
rs2237659	COG5	1.9E-04
rs2296360	UHRF1BP1	1.9E-04
rs752579	C17orf39	1.9E-04
rs2744961	UHRF1BP1	1.9E-04
rs6937314	UHRF1BP1	1.9E-04
rs9469886	UHRF1BP1	2.0E-04
rs2814945	UHRF1BP1	2.0E-04
rs11757370	UHRF1BP1	2.0E-04
rs9469863	UHRF1BP1	2.0E-04
rs7741437	UHRF1BP1	2.0E-04
rs11755420	UHRF1BP1	2.0E-04
rs9462022	UHRF1BP1	2.0E-04
rs7745097	UHRF1BP1	2.1E-04
rs2815004	UHRF1BP1	2.1E-04
rs10786719	C10orf32	2.1E-04
rs7759227	UHRF1BP1	2.1E-04
rs2395598	UHRF1BP1	2.1E-04
rs9462026	UHRF1BP1	2.1E-04
rs7776219	UHRF1BP1	2.1E-04
rs2395604	UHRF1BP1	2.1E-04
rs11868035	C17orf39	2.1E-04
rs9469859	UHRF1BP1	2.1E-04
rs2744957	UHRF1BP1	2.1E-04
rs7755926	UHRF1BP1	2.1E-04
rs2237661	COG5	2.2E-04
rs2237660	COG5	2.2E-04
rs2814970	UHRF1BP1	2.2E-04
rs3734264	UHRF1BP1	2.4E-04

rs2301801	COG5	2.5E-04
rs6765484	RBM6	2.5E-04
rs2237678	COG5	2.6E-04
rs12951376	C17orf39	2.6E-04
rs2744949	UHRF1BP1	2.6E-04
rs854767	C17orf39	2.7E-04
rs2814992	UHRF1BP1	2.7E-04
rs2814962	UHRF1BP1	3.0E-04
rs2237662	COG5	3.1E-04
rs982447	COG5	3.1E-04
rs8067800	C17orf39	3.1E-04
rs2814984	UHRF1BP1	3.1E-04
rs2712195	COG5	3.2E-04
rs2235569	UHRF1BP1	3.2E-04
rs2237671	COG5	3.2E-04
rs2235568	UHRF1BP1	3.2E-04
rs11123406	BCL2L11	3.4E-04
rs2712230	COG5	3.5E-04
rs2395607	UHRF1BP1	3.5E-04
rs7092200	C10orf32	3.5E-04
rs2701679	COG5	3.6E-04
rs11755266	UHRF1BP1	3.7E-04
rs11713193	RBM6	3.7E-04
rs3801964	COG5	3.7E-04
rs2838340	RRP1B	3.8E-04
rs4925109	C17orf39	3.8E-04
rs2701678	COG5	3.8E-04
rs17154091	COG5	3.8E-04
rs10519219	CTSH	3.9E-04
rs2701685	COG5	3.9E-04
rs3801966	COG5	3.9E-04
rs412392	UHRF1BP1	4.1E-04
rs188190	UHRF1BP1	4.3E-04
rs205286	UHRF1BP1	4.3E-04
rs205283	UHRF1BP1	4.3E-04
rs2237668	COG5	4.5E-04
rs9905728	C17orf39	4.5E-04
rs9469913	UHRF1BP1	4.7E-04
rs9469910	UHRF1BP1	4.7E-04
rs619824	C10orf32	4.9E-04
rs1555773	UHRF1BP1	4.9E-04

rs7790080	COG5	5.0E-04
rs11535285	COG5	5.2E-04
rs2283038	COG5	5.3E-04
rs10888390	ADAMTSL4	5.4E-04
rs4532960	C10orf32	5.5E-04
rs2955382	C17orf39	5.7E-04
rs2807	COG5	5.9E-04
rs7755822	UHRF1BP1	6.0E-04
rs2814972	UHRF1BP1	6.1E-04
rs16894959	UHRF1BP1	6.2E-04
rs2624839	RBM6	6.2E-04
rs2252551	UHRF1BP1	6.3E-04
rs7788330	COG5	6.4E-04
rs6949634	COG5	6.5E-04
rs205260	UHRF1BP1	6.7E-04
rs284858	C10orf32	6.7E-04
rs9984002	RRP1B	6.8E-04
rs7777950	COG5	6.9E-04
rs2814981	UHRF1BP1	7.2E-04
rs2297786	C10orf32	7.4E-04
rs17153981	COG5	7.5E-04
rs2204833	COG5	7.7E-04
rs2815003	UHRF1BP1	7.8E-04
rs6932930	UHRF1BP1	7.9E-04
rs6802890	RBM6	8.1E-04
rs2237665	COG5	8.1E-04
rs11638372	CTSH	8.4E-04
rs744530	BCL2L11	8.5E-04
rs4887077	CTSH	9.0E-04
rs11756392	UHRF1BP1	9.2E-04
rs11755393	UHRF1BP1	9.5E-04
rs6655975	ADAMTSL4	9.6E-04
rs17437121	LUZP1	9.6E-04
rs6718864	ALMS1	9.6E-04
rs2815005	UHRF1BP1	9.8E-04
rs2526748	RBM6	1.0E-03
rs2395868	COG5	1.0E-03
rs7663650	SRD5A3	1.1E-03
rs3779495	COG5	1.1E-03
rs2744956	UHRF1BP1	1.1E-03
rs2744955	UHRF1BP1	1.1E-03

rs2814994	UHRF1BP1	1.1E-03
rs2814996	UHRF1BP1	1.1E-03
rs2744954	UHRF1BP1	1.1E-03
rs4307650	C10orf32	1.1E-03
rs4593773	PLA2G4A	1.2E-03
rs4688758	RBM6	1.2E-03
rs3798352	UHRF1BP1	1.2E-03
rs10186133	IL1RN	1.2E-03
rs9469864	UHRF1BP1	1.2E-03
rs2764205	UHRF1BP1	1.2E-03
rs6938239	UHRF1BP1	1.2E-03
rs2838320	RRP1B	1.2E-03
rs2091022	ALMS1	1.2E-03
rs2118377	ARL6IP6	1.2E-03
rs11126396	ALMS1	1.2E-03
rs11587694	LUZP1	1.3E-03
rs11126395	ALMS1	1.3E-03
rs7627003	SLC6A6	1.3E-03
rs7573275	ALMS1	1.3E-03
rs6546820	ALMS1	1.3E-03
rs6759676	IL1RN	1.3E-03
rs11885217	ALMS1	1.3E-03
rs2814985	UHRF1BP1	1.3E-03
rs2838331	RRP1B	1.3E-03
rs2814990	UHRF1BP1	1.4E-03
rs10196402	ALMS1	1.4E-03
rs17154040	COG5	1.4E-03
rs10947508	UHRF1BP1	1.4E-03
rs8131020	RRP1B	1.4E-03
rs6939345	UHRF1BP1	1.4E-03
rs2744942	UHRF1BP1	1.4E-03
rs1522927	ALMS1	1.4E-03
rs854762	C17orf39	1.4E-03
rs3813565	CTSH	1.5E-03
rs3800457	UHRF1BP1	1.5E-03
rs2814983	UHRF1BP1	1.5E-03
rs9886554	SPAG1	1.5E-03
rs10100073	SPAG1	1.5E-03
rs2814944	UHRF1BP1	1.5E-03
rs2253833	COG5	1.6E-03
rs7222480	C17orf39	1.6E-03

rs11881315	ACP5	1.6E-03
rs2814998	UHRF1BP1	1.7E-03
rs2744937	UHRF1BP1	1.7E-03
rs12670688	COG5	1.7E-03
rs2744977	UHRF1BP1	1.7E-03
rs162379	RRP1B	1.7E-03
rs1052161	ALMS1	1.7E-03
rs10191517	ALMS1	1.7E-03
rs2744964	UHRF1BP1	1.7E-03
rs11869600	C17orf39	1.7E-03
rs1467809	TIE1	1.8E-03
rs11899517	ALMS1	1.8E-03
rs2744971	UHRF1BP1	1.8E-03
rs13100903	RBM6	1.8E-03
rs7756421	RAB23	1.8E-03
rs6546822	ALMS1	1.8E-03
rs12190575	RAB23	1.8E-03
rs2764199	UHRF1BP1	1.9E-03
rs6709853	ALMS1	1.9E-03
rs9855505	RBM6	1.9E-03
rs6713196	ALMS1	1.9E-03
rs9462007	UHRF1BP1	1.9E-03
rs6749625	BCL2L11	2.0E-03
rs6755484	BCL2L11	2.0E-03
rs6706179	ALMS1	2.0E-03
rs2814943	UHRF1BP1	2.0E-03
rs2814950	UHRF1BP1	2.0E-03
rs17304079	USP4	2.1E-03
rs17304079	RBM6	2.1E-03
rs6729866	RTN4	2.1E-03
rs4330127	ALMS1	2.1E-03
rs11649804	C17orf39	2.2E-03
rs2346550	ARL6IP6	2.2E-03
rs8035382	ADAL	2.2E-03
rs10198301	ALMS1	2.2E-03
rs6546824	ALMS1	2.2E-03
rs639228	PGM2L1	2.2E-03
rs2744974	UHRF1BP1	2.2E-03
rs2814954	UHRF1BP1	2.3E-03
rs599605	PGM2L1	2.3E-03
rs1444410	NFE2L2	2.3E-03

rs11398	RAB23	2.3E-03
rs4074643	C17orf39	2.4E-03
rs8129601	RRP1B	2.4E-03
rs12539895	COG5	2.4E-03
rs2329442	RRP1B	2.5E-03
rs6716776	ALMS1	2.5E-03
rs6936177	UHRF1BP1	2.6E-03
rs757110	NUCB2	2.6E-03
rs2744973	UHRF1BP1	2.7E-03
rs11639372	CTSH	2.7E-03
rs12076751	TIE1	2.7E-03
rs16898280	SPAG1	2.7E-03
rs2744968	UHRF1BP1	2.7E-03
rs1589576	ALMS1	2.7E-03
rs2233669	PHB	2.8E-03
rs13390825	RTN4	2.8E-03
rs10198549	ALMS1	2.8E-03
rs162344	RRP1B	2.8E-03
rs3800018	RAB23	2.9E-03
rs4259246	UHRF1BP1	2.9E-03
rs4841601	FDFT1	2.9E-03
rs17724992	PGPEP1	2.9E-03
rs2744972	UHRF1BP1	2.9E-03
rs7156717	POLE2	3.0E-03
rs6494383	TPM1	3.0E-03
rs4641966	ALMS1	3.0E-03
rs10273733	COG5	3.0E-03
rs7573719	ALMS1	3.1E-03
rs7756405	UHRF1BP1	3.2E-03
rs7604588	ALMS1	3.2E-03
rs11758426	UHRF1BP1	3.2E-03
rs10109003	SPAG1	3.2E-03
rs2087319	SRD5A3	3.2E-03
rs9288125	ARL6IP6	3.3E-03
rs641032	LUZP1	3.3E-03
rs2814982	UHRF1BP1	3.3E-03
rs2178497	COG5	3.3E-03
rs7560272	ALMS1	3.4E-03
rs10955226	SPAG1	3.5E-03
rs1522926	ALMS1	3.5E-03
rs2744963	UHRF1BP1	3.5E-03

rs2929275	ADAL	3.5E-03
rs2421489	ALMS1	3.7E-03
rs515926	MARCKS	3.7E-03
rs162367	RRP1B	3.7E-03
rs2782650	TIE1	3.7E-03
rs652941	TIE1	3.8E-03
rs9469917	UHRF1BP1	3.8E-03
rs4346412	ALMS1	3.8E-03
rs3171980	ARL6IP6	3.9E-03
rs2023685	COG5	4.0E-03
rs12472502	ALMS1	4.0E-03
rs10100087	SPAG1	4.0E-03
rs6729468	ALMS1	4.0E-03
rs2744966	UHRF1BP1	4.0E-03
rs6744697	ALMS1	4.0E-03
rs2744967	UHRF1BP1	4.1E-03
rs6546862	ALMS1	4.3E-03
rs7773293	MARCKS	4.3E-03
rs17450586	HP1BP3	4.3E-03
rs2251804	TIE1	4.3E-03
rs13059624	ST3GAL6	4.3E-03
rs6744548	RTN4	4.3E-03
rs7578265	NFE2L2	4.4E-03
rs6740173	ALMS1	4.4E-03
rs10757606	C9orf66	4.4E-03
rs7586361	ALMS1	4.4E-03
rs1403412	ALMS1	4.5E-03
rs7222591	PHB	4.6E-03
rs7582270	DYSF	4.6E-03
rs12215331	UHRF1BP1	4.6E-03
rs7578493	NFE2L2	4.7E-03
rs12898	FDFT1	4.7E-03
rs6994382	SPAG1	5.1E-03
rs1996371	CTSH	5.1E-03
rs1334973	TIE1	5.1E-03
rs839993	TIE1	5.1E-03
rs7785892	COG5	5.1E-03
rs4925138	C17orf39	5.2E-03
rs11688718	ALMS1	5.2E-03
rs6778945	TMEM39A	5.2E-03
rs4818859	RRP1B	5.2E-03

rs2842180	TIE1	5.4E-03
rs10753514	HP1BP3	5.4E-03
rs11123410	BCL2L11	5.5E-03
rs3924462	USP4	5.5E-03
rs6725139	RTN4	5.6E-03
rs6495314	CTSH	5.6E-03
rs10193972	ALMS1	5.7E-03
rs16898286	SPAG1	5.8E-03
rs11740656	CENPK	6.0E-03
rs12373678	KIAA1841	6.0E-03
rs2520245	COG5	6.0E-03
rs10061042	CENPK	6.1E-03
rs11130199	USP4	6.1E-03
rs6875231	CENPK	6.1E-03
rs28126	CENPK	6.1E-03
rs10274041	COG5	6.2E-03
rs1077394	AIF1	6.2E-03
rs3801944	COG5	6.2E-03
rs6546838	ALMS1	6.2E-03
rs2808	COG5	6.2E-03
rs847852	UHRF1BP1	6.2E-03
rs149514	CENPK	6.3E-03
rs9382695	RAB23	6.3E-03
rs7061	RBM6	6.3E-03
rs839768	TIE1	6.3E-03
rs7760349	RAB23	6.3E-03
rs2712197	COG5	6.4E-03
rs658976	PGM2L1	6.4E-03
rs6701919	LUZP1	6.5E-03
rs6720094	ALMS1	6.5E-03
rs1736090	FDFT1	6.5E-03
rs468974	CENPK	6.6E-03
rs6695218	HP1BP3	6.6E-03
rs7801952	H2AFV	6.6E-03
rs10111982	SPAG1	6.7E-03
rs854787	C17orf39	6.7E-03
rs6466579	TES	6.7E-03
rs12649925	SRD5A3	6.7E-03
rs12478346	ALMS1	6.7E-03
rs8069024	MXRA7	6.8E-03
rs10234355	COG5	6.8E-03

rs8112449	ICAM3	6.9E-03
rs722993	LUZP1	6.9E-03
rs1032217	CNTLN	7.0E-03
rs153847	ANKRD32	7.1E-03
rs9469890	UHRF1BP1	7.1E-03
rs10865398	ALMS1	7.1E-03
rs2240769	MXRA7	7.1E-03
rs5215	NUCB2	7.2E-03
rs2894475	COG5	7.2E-03
rs2862162	DDI2	7.3E-03
rs2520263	COG5	7.4E-03
rs945425	DDI2	7.6E-03
rs36133	CENPK	7.6E-03
rs586566	DCPS	7.7E-03
rs586566	TIRAP	7.7E-03
rs4945300	GAB2	7.8E-03
rs6976316	TES	7.8E-03
rs37345	CENPK	7.8E-03
rs2150402	C21orf7	7.8E-03
rs2313275	let_7b_5p	7.9E-03
rs13008860	ALMS1	7.9E-03
rs3823438	UHRF1BP1	8.0E-03
rs2901438	ALMS1	8.0E-03
rs10883855	C10orf32	8.1E-03
rs854793	C17orf39	8.1E-03
rs986633	CPNE3	8.1E-03
rs13386124	ALMS1	8.2E-03
rs33395	CENPK	8.2E-03
rs9804722	HEBP1	8.2E-03
rs11724904	SLAIN2	8.3E-03
rs9807961	ALMS1	8.3E-03
rs10165862	ALMS1	8.4E-03
rs3800473	UHRF1BP1	8.4E-03
rs10146912	POLE2	8.4E-03
rs2814993	UHRF1BP1	8.5E-03
rs17405606	COG5	8.5E-03
rs6546835	ALMS1	8.5E-03
rs154861	CENPK	8.5E-03
rs1554483	SRD5A3	8.5E-03
rs6761276	IL1RN	8.5E-03
rs12465867	ALMS1	8.5E-03

rs1473248	TMEM91	8.7E-03
rs1473248	EXOSC5	8.7E-03
rs7615318	RBM6	8.7E-03
rs7615318	USP4	8.7E-03
rs12995433	ALMS1	8.7E-03
rs2421545	ALMS1	8.7E-03
rs2421546	ALMS1	8.8E-03
rs2421548	ALMS1	8.8E-03
rs4852927	ALMS1	8.8E-03
rs2304240	ICAM3	9.0E-03
rs6730785	ALMS1	9.0E-03
rs512577	TIRAP	9.0E-03
rs7608328	ALMS1	9.3E-03
rs6749680	ALMS1	9.3E-03
rs6706235	ALMS1	9.3E-03
rs12676995	FDFT1	9.3E-03
rs12504300	SRD5A3	9.3E-03
rs6546829	ALMS1	9.7E-03
rs2248465	COG5	9.7E-03
rs1688072	IL1RN	9.7E-03
rs11126399	ALMS1	9.7E-03
rs12648271	SRD5A3	9.8E-03
rs6774354	RBM6	9.8E-03
rs11598702	C10orf32	9.8E-03
rs259743	CENPK	9.8E-03
rs6843722	SRD5A3	9.8E-03
rs1046778	C10orf32	9.9E-03
rs13396983	BCL2L11	9.9E-03
rs8039242	TPM1	1.0E-02
rs6710659	ALMS1	1.0E-02
rs9642786	SPAG1	1.0E-02
rs2231940	EXOSC5	1.0E-02
rs6753785	BCL2L11	1.0E-02
rs152068	CENPK	1.0E-02
rs10512987	IL20RB	1.0E-02
rs154853	CENPK	1.0E-02
rs467976	CENPK	1.0E-02
rs1544336	COG5	1.0E-02
rs260041	CENPK	1.0E-02
rs616130	BCL2L11	1.0E-02
rs2056486	ALMS1	1.0E-02

rs7503511	CDC27	1.1E-02
rs4864996	SRD5A3	1.1E-02
rs10496191	ALMS1	1.1E-02
rs987391	COG5	1.1E-02
rs4727681	COG5	1.1E-02
rs10251808	COG5	1.1E-02
rs12673675	COG5	1.1E-02
rs37343	CENPK	1.1E-02
rs152066	CENPK	1.1E-02
rs260044	CENPK	1.1E-02
rs154864	CENPK	1.1E-02
rs27144	CENPK	1.1E-02
rs152071	CENPK	1.1E-02
rs154866	CENPK	1.1E-02
rs152070	CENPK	1.1E-02
rs10143848	CDKL1	1.1E-02
rs6849474	SRD5A3	1.1E-02
rs2520277	COG5	1.1E-02
rs154955	CENPK	1.1E-02
rs2237670	COG5	1.1E-02
rs4852976	ALMS1	1.1E-02
rs12667527	COG5	1.1E-02
rs4730245	COG5	1.1E-02
rs2237672	COG5	1.1E-02
rs2237673	COG5	1.1E-02
rs7574291	ALMS1	1.1E-02
rs11133389	SRD5A3	1.1E-02
rs594484	UCP2	1.1E-02
rs10899556	GAB2	1.1E-02
rs9833162	IL20RB	1.1E-02
rs2520269	COG5	1.1E-02
rs11000440	NUDT13	1.1E-02
rs1015411	COG5	1.1E-02
rs3813227	ALMS1	1.1E-02
rs4864543	SRD5A3	1.1E-02
rs2520271	COG5	1.1E-02
rs402552	CENPK	1.1E-02
rs27596	CENPK	1.1E-02
rs7658446	SRD5A3	1.2E-02
rs2561218	CENPK	1.2E-02
rs2712191	COG5	1.2E-02

rs2520265	COG5	1.2E-02
rs1556581	TIE1	1.2E-02
rs2520268	COG5	1.2E-02
rs13124436	SRD5A3	1.2E-02
rs3094383	COG5	1.2E-02
rs2520260	COG5	1.2E-02
rs2782643	TIE1	1.2E-02
rs2236653	TIRAP	1.2E-02
rs378712	CENPK	1.2E-02
rs4625	RBM6	1.2E-02
rs11133403	SRD5A3	1.2E-02
rs6007891	TRMU	1.2E-02
rs986994	COG5	1.2E-02
rs11753610	HIST1H2AE	1.2E-02
rs17138365	TES	1.2E-02
rs12500837	SRD5A3	1.2E-02
rs27143	CENPK	1.2E-02
rs2736428	AIF1	1.2E-02
rs136287	DUSP18	1.2E-02
rs2035691	SRD5A3	1.2E-02
rs12374699	TES	1.2E-02
rs13140173	SRD5A3	1.2E-02
rs13201608	MAN1A1	1.2E-02
rs2918945	ADAL	1.3E-02
rs7457184	TES	1.3E-02
rs972501	CENPK	1.3E-02
rs1370498	ARL6IP6	1.3E-02
rs2883059	RBM6	1.3E-02
rs1061474	RBM6	1.3E-02
rs2520241	COG5	1.3E-02
rs3805382	SRD5A3	1.3E-02
rs12049823	PGM2L1	1.3E-02
rs2712201	COG5	1.3E-02
rs2237677	COG5	1.3E-02
rs7513964	DEGS1	1.3E-02
rs6546827	ALMS1	1.3E-02
rs10501429	GAB2	1.3E-02
rs37350	CENPK	1.3E-02
rs8133276	RRP1B	1.3E-02
rs27137	CENPK	1.3E-02
rs7210	ALMS1	1.3E-02

rs2412648	SRD5A3	1.3E-02
rs27394	CENPK	1.3E-02
rs7154992	POLE2	1.4E-02
rs37348	CENPK	1.4E-02
rs13116035	SRD5A3	1.4E-02
rs2253271	COG5	1.4E-02
rs13384952	ALMS1	1.4E-02
rs16844819	DEGS1	1.4E-02
rs10946403	E2F3	1.4E-02
rs11638844	CTSH	1.4E-02
rs1105664	RAC1	1.4E-02
rs7644471	IL20RB	1.4E-02
rs10786706	C10orf32	1.4E-02
rs6546826	ALMS1	1.4E-02
rs9858280	RBM6	1.4E-02
rs10849835	P2RX4	1.4E-02
rs4788186	RABEP2	1.4E-02
rs2520249	COG5	1.4E-02
rs4727680	COG5	1.4E-02
rs11133373	SRD5A3	1.4E-02
rs7532266	LUZP1	1.4E-02
rs2856237	RBM6	1.4E-02
rs6789329	IL20RB	1.4E-02
rs166329	CENPK	1.5E-02
rs17664531	C9orf66	1.5E-02
rs2247337	GZF1	1.5E-02
rs1007837	GAB2	1.5E-02
rs7562047	ALMS1	1.5E-02
rs3807971	TES	1.5E-02
rs2237676	COG5	1.5E-02
rs2282226	TIE1	1.5E-02
rs12672307	TES	1.5E-02
rs2842195	TIE1	1.5E-02
rs3761347	IFNGR2	1.5E-02
rs4894243	NFE2L2	1.5E-02
rs33394	CENPK	1.5E-02
rs12510400	SRD5A3	1.5E-02
rs4864999	SRD5A3	1.5E-02
rs1293288	FDFT1	1.5E-02
rs3761980	MAPK14	1.5E-02
rs3761980	SLC26A8	1.5E-02

rs4864997	SRD5A3	1.5E-02
rs1290552	MAN1A2	1.6E-02
rs1290552	FAM46C	1.6E-02
rs2346549	ARL6IP6	1.6E-02
rs12644948	SRD5A3	1.6E-02
rs3805151	SRD5A3	1.6E-02
rs1077421	ADAL	1.6E-02
rs2520243	COG5	1.6E-02
rs17830827	CENPK	1.6E-02
rs2057837	COG5	1.6E-02
rs17047430	let_7b_5p	1.6E-02
rs12500686	SRD5A3	1.6E-02
rs11133386	SRD5A3	1.6E-02
rs17009372	ALMS1	1.6E-02
rs10858894	POC1B	1.6E-02
rs4340844	SRD5A3	1.6E-02
rs6931514	E2F3	1.6E-02
rs2015454	BCL2L11	1.6E-02
rs6604887	DEGS1	1.6E-02
rs8041377	CTSH	1.7E-02
rs3810175	TMEM91	1.7E-02
rs11570840	CDKL1	1.7E-02
rs7793613	COG5	1.7E-02
rs7794915	COG5	1.7E-02
rs2171618	SRD5A3	1.7E-02
rs11570819	CDKL1	1.7E-02
rs12651640	SRD5A3	1.7E-02
rs1464490	SRD5A3	1.7E-02
rs6971086	JAZF1	1.7E-02
rs17154077	COG5	1.7E-02
rs1388970	DEGS1	1.7E-02
rs10517346	SRD5A3	1.7E-02
rs7598681	KIAA1841	1.7E-02
rs2107713	COG5	1.7E-02
rs10813156	C9orf66	1.7E-02
rs10276604	COG5	1.7E-02
rs1163085	C10orf32	1.7E-02
rs12274970	UCP2	1.7E-02
rs1290539	MAN1A2	1.7E-02
rs1290539	FAM46C	1.7E-02
rs6747145	ALMS1	1.7E-02

rs797172	CSDA	1.7E-02
rs10409485	TMEM91	1.8E-02
rs503593	MARCKS	1.8E-02
rs6048891	GZF1	1.8E-02
rs13084692	ST3GAL6	1.8E-02
rs406268	CNTLN	1.8E-02
rs2820232	UHRF1BP1	1.8E-02
rs1695739	TIRAP	1.8E-02
rs1695739	DCPS	1.8E-02
rs246400	CENPK	1.8E-02
rs6459182	RAB23	1.8E-02
rs1586555	SRD5A3	1.8E-02
rs11133377	SRD5A3	1.8E-02
rs4803468	TMEM91	1.8E-02
rs10517344	SRD5A3	1.8E-02
rs922691	CTSH	1.9E-02
rs12506788	SRD5A3	1.9E-02
rs763386	COG5	1.9E-02
rs11880539	TMEM91	1.9E-02
rs11880539	EXOSC5	1.9E-02
rs17590975	CENPK	1.9E-02
rs2066735	COG5	1.9E-02
rs2211651	LEPR	1.9E-02
rs17424123	SPAG1	1.9E-02
rs10496325	ANKRD36B	1.9E-02
rs6683927	DEGS1	1.9E-02
rs10462032	SRD5A3	1.9E-02
rs4944893	UCP2	1.9E-02
rs10853751	EXOSC5	1.9E-02
rs10853751	TMEM91	1.9E-02
rs2688621	NUDT13	1.9E-02
rs10923294	MAN1A2	1.9E-02
rs462907	CENPK	1.9E-02
rs1186828	KIAA1841	1.9E-02
rs2253269	COG5	1.9E-02
rs13114841	SRD5A3	1.9E-02
rs939823	SRD5A3	2.0E-02
rs10148498	CDKL1	2.0E-02
rs502621	SF3A3	2.0E-02
rs2889195	LEPR	2.0E-02
rs9356743	E2F3	2.0E-02

rs7576824	ALMS1	2.0E-02
rs13146987	SRD5A3	2.0E-02
rs2307064	LXN	2.0E-02
rs7677085	SRD5A3	2.0E-02
rs12510681	SRD5A3	2.0E-02
rs197265	DPP4	2.0E-02
rs3805155	SRD5A3	2.0E-02
rs2712156	OCIAD1	2.0E-02
rs2894466	COG5	2.0E-02
rs7686261	SRD5A3	2.0E-02
rs11133391	SRD5A3	2.0E-02
rs11933797	SLAIN2	2.0E-02
rs9348440	E2F3	2.0E-02
rs6695100	RAB4A	2.0E-02
rs3749237	RBM6	2.0E-02
rs13040567	GZF1	2.0E-02
rs4864547	SRD5A3	2.1E-02
rs4864546	SRD5A3	2.1E-02
rs1163073	C10orf32	2.1E-02
rs3805150	SRD5A3	2.1E-02
rs6138001	GZF1	2.1E-02
rs7756211	E2F3	2.1E-02
rs284662	TMEM91	2.1E-02
rs284662	EXOSC5	2.1E-02
rs7696832	SRD5A3	2.1E-02
rs1317140	RBM6	2.1E-02
rs1317140	USP4	2.1E-02
rs13108499	SRD5A3	2.1E-02
rs11726198	SRD5A3	2.1E-02
rs13152173	SRD5A3	2.1E-02
rs149208	CENPK	2.1E-02
rs11133398	SRD5A3	2.1E-02
rs11133397	SRD5A3	2.1E-02
rs4865011	SRD5A3	2.1E-02
rs13116194	SRD5A3	2.1E-02
rs9615960	TRMU	2.1E-02
rs2304556	ARL6IP6	2.1E-02
rs3805148	SRD5A3	2.1E-02
rs3801948	COG5	2.1E-02
rs6752673	KIAA1841	2.1E-02
rs330061	PPP1R3B	2.1E-02

rs9308742	BCL2L11	2.2E-02
rs1290558	MAN1A2	2.2E-02
rs10789332	EPHA10	2.2E-02
rs6083190	GZF1	2.2E-02
rs6844449	UBE2D3	2.2E-02
rs17154027	FDFT1	2.2E-02
rs11133378	SRD5A3	2.2E-02
rs11942279	SRD5A3	2.2E-02
rs1032419	GSTA4	2.2E-02
rs4700085	CENPK	2.2E-02
rs3760781	ACP5	2.3E-02
rs6828570	SRD5A3	2.3E-02
rs729211	C10orf32	2.3E-02
rs11105313	POC1B	2.3E-02
rs12567861	HP1BP3	2.3E-02
rs3134603	PSMB9	2.3E-02
rs1047354	SRD5A3	2.3E-02
rs2279458	SRD5A3	2.3E-02
rs10947953	TREM1	2.3E-02
rs4917386	C10orf32	2.3E-02
rs202380	ZNF334	2.3E-02
rs4729566	PVRIG	2.3E-02
rs4729566	ZSCAN21	2.3E-02
rs7778270	COG5	2.3E-02
rs1007690	TIRAP	2.4E-02
rs2527902	ZSCAN21	2.4E-02
rs11977187	COG5	2.4E-02
rs7598660	ALMS1	2.4E-02
rs4727684	COG5	2.4E-02
rs17346218	RTN4	2.4E-02
rs7778250	COG5	2.4E-02
rs2527900	ZSCAN21	2.4E-02
rs3820500	FAM46C	2.4E-02
rs3820500	MAN1A2	2.4E-02
rs10940043	CENPK	2.4E-02
rs1290551	MAN1A2	2.4E-02
rs3795657	MAN1A2	2.4E-02
rs2307424	FCER1G	2.5E-02
rs12469822	IL1RN	2.5E-02
rs3785499	C17orf39	2.5E-02
rs10184259	IL1RN	2.5E-02

rs904910	DDI2	2.5E-02
rs6471296	CPNE3	2.5E-02
rs12577525	NUCB2	2.5E-02
rs11933778	SRD5A3	2.5E-02
rs6076084	GZF1	2.5E-02
rs11855406	CTSH	2.5E-02
rs1455942	OCIAD1	2.5E-02
rs1890979	CDKL1	2.5E-02
rs37253	CENPK	2.5E-02
rs42961	CENPK	2.5E-02
rs16831728	ARL6IP6	2.6E-02
rs7774848	MAN1A1	2.6E-02
rs7860253	C9orf66	2.6E-02
rs6667615	LEPR	2.6E-02
rs1352426	ICAM3	2.6E-02
rs11602732	UCP2	2.6E-02
rs11587213	FCER1G	2.6E-02
rs794001	KLHL5	2.6E-02
rs4764043	HEBP1	2.6E-02
rs10856848	UBE2K	2.6E-02
rs3197999	RBM6	2.6E-02
rs1707113	MAN1A2	2.6E-02
rs2870085	CTSH	2.6E-02
rs17298882	IL20RB	2.7E-02
rs11670757	TMEM91	2.7E-02
rs11670757	EXOSC5	2.7E-02
rs37346	CENPK	2.7E-02
rs17842456	ANKRD36B	2.7E-02
rs4655795	LEPR	2.7E-02
rs6927955	MAN1A1	2.7E-02
rs7575639	RTN4	2.7E-02
rs552848	C9orf66	2.7E-02
rs11935823	SRD5A3	2.7E-02
rs468754	CENPK	2.7E-02
rs11236042	PGM2L1	2.7E-02
rs6756986	ANKRD36B	2.7E-02
rs11105314	POC1B	2.7E-02
rs2983301	GZF1	2.7E-02
rs1013147	RAB23	2.7E-02
rs10858890	POC1B	2.8E-02
rs12022410	LEPR	2.8E-02

rs3813627	FCER1G	2.8E-02
rs9356746	E2F3	2.8E-02
rs7617304	LXN	2.8E-02
rs302935	UBE2K	2.8E-02
rs10783362	ATF1	2.8E-02
rs10783362	LIMA1	2.8E-02
rs753202	CSDA	2.8E-02
rs11105302	POC1B	2.8E-02
rs2645424	FDFT1	2.8E-02
rs2013012	PGM1	2.8E-02
rs16869914	TES	2.8E-02
rs10089145	ZDHHC2	2.8E-02
rs10031777	OCIAD1	2.8E-02
rs2284997	PGM1	2.8E-02
rs4945261	GAB2	2.8E-02
rs10949013	RAB23	2.9E-02
rs10203833	ANKRD36B	2.9E-02
rs639525	PGM2L1	2.9E-02
rs2849025	LUZP1	2.9E-02
rs2510044	GAB2	2.9E-02
rs10866425	SRD5A3	2.9E-02
rs1393786	IL20RB	2.9E-02
rs468821	CENPK	3.0E-02
rs11945371	SRD5A3	3.0E-02
rs13242357	NCAPG2	3.0E-02
rs2070215	PVRIG	3.0E-02
rs2070215	ZSCAN21	3.0E-02
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rs7589899	ARL6IP6	3.0E-02
rs1531377	ST3GAL6	3.0E-02
rs4145013	IL1RN	3.0E-02
rs740580	RPS2	3.0E-02
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rs33396	CENPK	3.0E-02
rs11105309	POC1B	3.0E-02
rs786530	CENPK	3.0E-02
rs2237094	SLC26A8	3.0E-02
rs2237094	MAPK14	3.0E-02
rs37254	CENPK	3.0E-02
rs1054807	POC1B	3.0E-02
rs4679819	LXN	3.1E-02

rs460262	CENPK	3.1E-02
rs6678033	LEPR	3.1E-02
rs11133400	SRD5A3	3.1E-02
rs4605279	TMEM91	3.1E-02
rs6576996	ANKRD36B	3.1E-02
rs389686	CCNB1	3.1E-02
rs566353	SLC15A3	3.1E-02
rs786703	CENPK	3.1E-02
rs13132085	SRD5A3	3.1E-02
rs1446510	IL1RN	3.1E-02
rs9842500	LXN	3.1E-02
rs1557765	NUCB2	3.1E-02
rs11105310	POC1B	3.1E-02
rs7624934	LXN	3.1E-02
rs12468414	KIAA1841	3.1E-02
rs11105325	POC1B	3.2E-02
rs10858896	POC1B	3.2E-02
rs181753	CENPK	3.2E-02
rs11126414	ALMS1	3.2E-02
rs1050331	H2AFV	3.2E-02
rs4660733	TIE1	3.2E-02
rs10858909	POC1B	3.2E-02
rs3741898	POC1B	3.2E-02
rs10858900	POC1B	3.2E-02
rs10899456	GAB2	3.2E-02
rs4842662	POC1B	3.2E-02
rs4842664	POC1B	3.2E-02
rs10858906	POC1B	3.2E-02
rs3825330	POC1B	3.2E-02
rs10416743	TMEM91	3.2E-02
rs2220729	POC1B	3.2E-02
rs2272051	ALMS1	3.3E-02
rs468308	CENPK	3.3E-02
rs13108409	SRD5A3	3.3E-02
rs13447454	CDC7	3.3E-02
rs12705070	ZSCAN21	3.3E-02
rs12705070	PVRIG	3.3E-02
rs3810174	TMEM91	3.3E-02
rs3810174	EXOSC5	3.3E-02
rs8181784	POC1B	3.3E-02
rs187409	CENPK	3.3E-02

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rs27141	CENPK	3.6E-02
rs27140	CENPK	3.6E-02
rs2450138	GAB2	3.6E-02
rs154943	CENPK	3.6E-02
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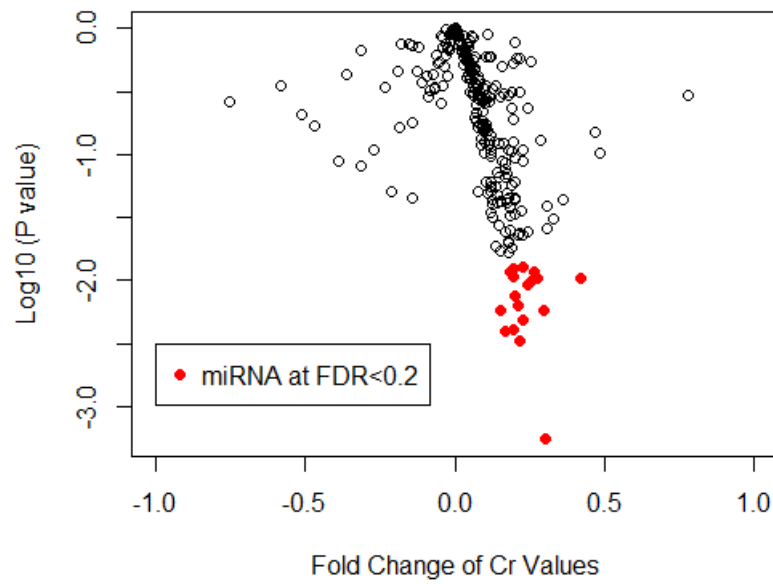
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rs948662	GAB2	4.7E-02
rs2241710	TMEM91	4.7E-02
rs10510432	SLC6A6	4.7E-02
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rs6698100	MAN1A2	4.8E-02
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rs1880949	PVRIG	4.8E-02
rs726430	BCL2L11	4.8E-02
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rs4424195	PVRIG	4.8E-02
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rs10858888	POC1B	4.9E-02
rs13160653	CENPK	4.9E-02
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rs17241135	CENPK	4.9E-02
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rs744892	SLC6A6	4.9E-02
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rs7634255	SMC4	4.9E-02
rs876556	POC1B	4.9E-02
rs13122619	SRD5A3	4.9E-02
rs10274646	ARPC1B	5.0E-02
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rs7753949	UHRF1BP1	5.0E-02
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Supplementary Table XI: CHD signature miRNAs with predicted target genes within the CHD mRNA causal module

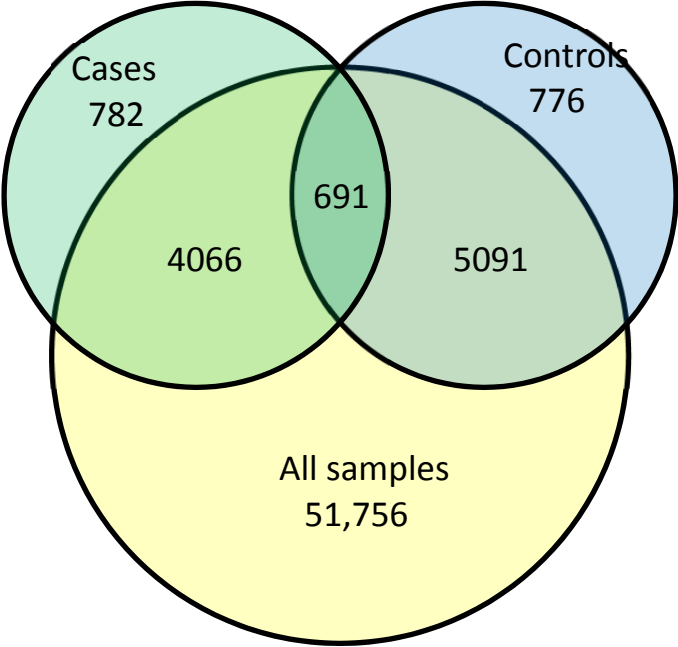
Target gene	miR	Target database	mRNA Module
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PAX5	miR_1275	miRDB	CHD causal Module
TCF4	miR_152	miRDB	CHD causal Module
ZNF154	miR_191_5p	miRDB	CHD causal Module
BCL11A	miR_324_5p	miRDB	CHD causal Module
HLA-DOA	miR_324_5p	miRDB	Key driver
QSOX2	miR_324_5p	miRDB	CHD causal Module
MOBKL2B	miR_339_3p	miRDB	Key driver
MOBKL2B	miR_339_5p	miRDB	Key driver
AFF3	miR_422a	miRDB	CHD causal Module
QSOX2	miR_500a_5p	miRDB	CHD causal Module
SCN3A	miR_500a_5p	miRDB	Key driver
OSBPL10	miR_502_3p	miRDB	Key driver
FCRL5	miR_589_3p	miRDB	CHD causal Module
HLA-DOB	miR_589_3p	miRDB	CHD causal Module
KLHL14	miR_589_3p	miRDB	Key driver
MS4A1	miR_589_3p	miRDB	Key driver
STRBP	miR_589_3p	miRDB	CHD causal Module

Supplementary Figure I: Volcano Plot of Coronary Heart Disease Differential miRNA Expression



Ct value greater than 30 was considered to show no expression. Cr values are defined as 30 minus Ct values.

Supplementary Figure II: Venn Diagram of the Overlap in miRNA-mRNA Co-expression Pairs between CHD Case Group, Control Group and Overall Sample Group.



Supplementary Figure III: Histograms of R-squares of modeling miRNA Ct values on Ct-means of top 50 ubiquitously expressed miRNAs and technique covariates

