

**Suppl emental Tabl e S2. Di fferenti ally expressed 59 mi RNAs betwee n responders and nonresponde rs**

systemati c_name	now	clustered mi RNAs	Regul ati on <sup>a</sup>	FC <sup>b</sup>	P val ue <sup>c</sup>
hsa-mi R-135a*	hsa-mi R-135a-3p		up	10.8	<0.0001
hsa-mi R-196b	hsa-mi R-196b-5p		up	10.5	0.0065
hsa-mi R-1181			up	10.1	0.0025
hsa-mi R-31	hsa-mi R-31-5p		up	7.8	0.0478
hsa-mi R-31*	hsa-mi R-31-3p		up	7.2	0.0406
hsa-mi R-1290			up	6.0	0.0017
hsa-mi R-642b	hsa-mi R-642b-3p	hsa-mi R-642a	up	4.7	0.0027
hsa-mi R-3926		hsa-mi R-5692a-2	up	4.5	0.0198
hsa-mi R-1471			up	4.1	0.0202
hsa-mi R-3137			up	4.0	0.0392
hsa-mi R-630			up	3.6	0.0117
hsa-mi R-3667-5p			up	3.5	0.0424
hsa-mi R-1246			up	3.4	0.0025
hsa-mi R-3934	hsa-mi R-3934-5p		up	3.0	0.0420
hsa-mi R-3648		hsa-mi R-3687	up	2.5	0.0253
hsa-mi R-663	hsa-mi R-663a		up	2.4	0.0014
hsa-mi R-3663-3p			up	2.1	0.0145
hsa-mi R-483-5p			up	2.1	0.0476
hsa-mi R-7	hsa-mi R-7-5p	hsa-mi R-1179, 3529	up	2.1	0.0060
hsa-mi R-18b	hsa-mi R-18b-5p	hsa-mi R-106a, 20b, 19b-2, 92a-2, 363	up	2.0	0.0075
hsa-mi R-18a	hsa-mi R-18a-5p	hsa-mi R-17, 19a, 20a, 19b-1, 92a-1	up	1.9	0.0216
hsa-mi R-130b	hsa-mi R-130b-3p	hsa-mi R-301b	up	1.8	0.0242
hsa-mi R-4327			up	1.6	0.0211
hsa-mi R-150*	hsa-mi R-150-3p		up	1.5	0.0295
hsa-mi R-4271			up	1.4	0.0469
hsa-mi R-193a-3p			up	1.4	0.0178
hsa-mi R-3195			up	1.4	0.0474
hsa-mi R-3198			up	1.3	0.0396
hsa-mi R-186	hsa-mi R-186-5p		down	-1.3	0.0341
hsa-mi R-331-3p		hsa-mi R-3685	down	-1.3	0.0467
hsa-mi R-30e	hsa-mi R-30e-5p	hsa-mi R-30c-1	down	-1.3	0.0456
hsa-mi R-34a	hsa-mi R-34a-5p		down	-1.4	0.0294
hsa-l et-7a			down	-1.4	0.0259
hsa-mi R-24	hsa-mi R-24-3p		down	-1.4	0.0108
hsa-mi R-26a	hsa-mi R-26a-5p		down	-1.4	0.0153
hsa-mi R-30c	hsa-mi R-30c-5p		down	-1.4	0.0367
hsa-mi R-30e*	hsa-mi R-30e-3p		down	-1.5	0.0250
hsa-mi R-361-3p			down	-1.5	0.0091
hsa-mi R-27b	hsa-mi R-27b-3p		down	-1.5	0.0252
hsa-l et-7b			down	-1.5	0.0052
hsa-mi R-23b	hsa-mi R-23b-3p		down	-1.6	0.0159
hsa-mi R-497	hsa-mi R-497-5p		down	-1.8	0.0188
hsa-mi R-29c	hsa-mi R-29c-3p		down	-1.8	0.0028
hsa-mi R-195	hsa-mi R-195-5p		down	-1.8	0.0209
hsa-mi R-29c*	hsa-mi R-29c-5p		down	-1.9	0.0019
hsa-mi R-500a	hsa-mi R-500a-5p		down	-2.2	0.0224
hsa-mi R-34b*	hsa-mi R-34b-5p		down	-2.7	0.0028
hsa-mi R-23b*	hsa-mi R-23b-5p	hsa-mi R-27b, 3074, 24-1	down	-3.0	0.0456
hsa-mi R-3065-5p			down	-3.0	0.0120
hsa-mi R-181c*	hsa-mi R-181c-3p		down	-3.1	0.0463
hsa-mi R-139-5p			down	-3.2	0.0206
hsa-mi R-328	hsa-mi R-328-3p		down	-3.7	0.0086
hsa-mi R-4291			down	-4.0	0.0448
hsa-mi R-598	hsa-mi R-598-3p		down	-5.1	0.0036
hsa-mi R-1		hsa-mi R-133a	down	-5.3	0.0329
hsa-mi R-144*	hsa-mi R-144-5p		down	-5.4	0.0186
hsa-mi R-628-5p			down	-7.2	0.0002
hsa-mi R-449a			down	-7.3	0.0304
hsa-mi R-34b	hsa-mi R-34b-3p		down	-12.9	0.0001

Shaded areas show differentially expressed mi RNAs with significant FC validated by qRT-PCR

<sup>a</sup>Up-Regulation is FC>1, down-regulation is FC<-1.

<sup>b</sup>Fold change (FC) is the ratio of mi RNAs expression in responders to non-responders.

<sup>c</sup>P value from Mann Whitney test.