

Supplemental Table 1

Positive miRNA binding events ($p \leq 0.001$)

ID	MLL1	PolII	H3-K4 Trimethyl
mir-7-1_i	X		
mir-15b_iii	X		X
mir-15b_i	X		
mir-15b_ii	X		X
mir-15b_iv	X	X	X
mir-16-2_i	X		
mir-16-2_iii	X		X
mir-16-2_ii	X		X
mir-16-2_iv	X	X	X
mir-17_ii	X	X	X
mir-18_i	X		X
mir-18_ii	X		X
mir-19b-1_ii	X		X
mir-19b-1_iii	X	X	X
mir-21_ii	X	X	X
mir-22_iv	X	X	X
mir-23a_iv	X	X	X
mir-23a_i	X	X	X
mir-24-2_i	X	X	X
mir-24-2_iv	X	X	X
miR-25_i	X	X	
miR-27_iv	X	X	X
miR-27_i	X	X	X
miR-27_ii	X	X	
mir-33_iii	X		
mir-92-1_ii	X		X
mir-92-1_iii	X	X	X
mir-98_ii	X		
mir-98_iv	X		
mir-98_ii	X	X	
mir-98_iii	X		
mir-129b_iii	X	X	X
mir-130b_ii	X	X	X
mir-131-1_ii	X	X	X
mir-132_i	X	X	X
mir-140_i	X	X	
mir-141_iv	X	X	
mir-141_iii	X	X	
mir-142as_iii	X	X	X
mir-142as_ii	X	X	X
mir-142as_i	X	X	X
mir-145_i	X	X	X
mir-146_i	X	X	X
mir-150_iv	X	X	X
mir-191_ii	X	X	X
mir-191_iv	X	X	X
mir-191_i	X	X	X
mir-194_i	X	X	X
miR-198_ii	X	X	
miR-198_iii	X	X	
mir-200b_i	X	X	X
mir-212_ii	X	X	X
miR-219_i	X	X	X

i= -500 to +500 bp (relative to miRNA hairpin {hairpin=0 bp})

ii= 1500 to -500 bp (relative to miRNA hairpin {hairpin=0 bp})

iii= -2500 to -1500 (relative to miRNA hairpin {hairpin=0 bp})

iv= -3500 to -2500 (relative to miRNA hairpin {hairpin=0 bp})