

Supplementary table 2: Linear regression analysis of miRNAs interactions

	has-miR-141-3p	hsa-miR-143-3p	hsa-miR-221-3p	hsa-miR-519d-5p*	hsa-miR-489-3p	hsa-miR-218-5p	hsa-miR-483-5p	hsa-miR-3183	hsa-miR-512-3p*	hsa-miR-516a-5p*	hsa-miR-16-1-3p	hsa-miR-375	hsa-miR-130a-3p	hsa-let-7b-3p	hsa-miR-2116-3p	hsa-miR-517-5p*	hsa-miR-873-5p	hsa-miR-338-3p
has-miR-141-3p																		
hsa-miR-143-3p	p=0.0005																	
hsa-miR-221-3p																		
hsa-miR-519d-5p*																		
hsa-miR-489-3p																		
hsa-miR-218-5p																		
hsa-miR-483-5p																		
hsa-miR-3183																		
hsa-miR-512-3p*	p=0.00007	p=0.0001			p=0.0005		p=0.0001											
hsa-miR-516a-5p*									p=0.0003									
hsa-miR-16-1-3p																		
hsa-miR-375									p=0.0001									
hsa-miR-130a-3p																		
hsa-let-7b-3p																		
hsa-miR-2116-3p																		
hsa-miR-517-5p*		p=0.0005							p=0.0002									
hsa-miR-873-5p																		
hsa-miR-338-3p																		

* C19MC miRNAs, p= p-value of the interaction term. MiRNAs in bold represent miRNAs with an inverse association with IS in the DESeq2 model and the lasso model.