





Supplementary Table 1: Summary of mir-203a targeting *MEF2C*

Prediction of mir-203a targeting sites on <i>MEF2C</i>									
miRmap	+	+	+		+	+	+	+	
TargetScan	+	+		+	+	+	+		+
miRDB	+	+			+	+	+		
Binding sites (3'UTR)	1331	1759	1912	2044	2277	2487	2509	3251	5693
	I	I	I	I	I	I	I	I	I
	1337	1765	1917	2050	2283	2494	2515	3256	5699
3'UTR sequence conservation in species	Human	+	+	+	+	+	+	+	+
	Chimp	+	+	+	+	+		+	+
	Rhesus	+	+	+	+	+		+	+
	Squirrel	+	+	+	+	+		+	+
	Mouse	+	+	+		+			+
	Rat	+	+			+		+	
	Rabbit	+	+		+	+			+
	Pig	+	+	+	+	+		+	+
	Cow	+	+	+	+	+		+	+
	Cat	+		+	+			+	+
	Dog	+	+	+	+			+	+
	Brown bat	+	+	+		+		+	+
	Elephant	+				+		+	+
	Opossum							+	+
	Macaw			+					+
Chicken							+	+	
Lizard									

“+” means the position identified in the databases and identical in species.

Supplementary Table 2: Summary of mir-3065-3p targeting *MDGAI*

Prediction of mir-3065-3p targeting sites on <i>MDGAI</i>						
miRmap	+	+	+	+	+	+
TargetScan	+		+	+	+	
miRDB	+		+	+	+	
Binding sites	1515	2817	3133	3194	3265	4111
(3'UTR)	I	I	I	I	I	I
	1521	2822	3139	3200	3272	4116
3'UTR sequence conservation in species	Human	+	+	+	+	+
	Chimp		+			+
	Rhesus		+			+
	Squirrel					+
	Mouse	+				
	Rat					
	Rabbit					
	Pig					+
	Cow					+
	Cat					+
	Dog					+
	Brown bat					
	Elephant					+
	Opossum					
	Macaw					
Chicken						
Lizard						

“+” means the position identified in the databases and identical in species.