

**Supplementary Table 2.** Characterization of changes in the selected seven miRNAs before and after SG or RYGB

miRNA	SG			RYGB		
	Log <sub>2</sub> FC	Change	<i>P</i> value	Log <sub>2</sub> FC	Change	<i>P</i> value
hsa-miR-203a-3p	-1.02	-	0.052	2.16	Up	0.000 <sup>a</sup>
hsa-miR-216a-5p	-1.32	Down	0.013 <sup>a</sup>	0.76	-	0.039 <sup>a</sup>
hsa-miR-30c-2-3p	0.93	-	0.003 <sup>a</sup>	1.05	Up	0.004 <sup>a</sup>
hsa-miR-5584-5p	-0.02	-	0.758	-0.06	-	0.155
hsa-miR-184	-0.18	-	0.581	-0.35	-	0.015 <sup>a</sup>
hsa-miR-6791-3p	0.19	-	0.421	-0.03	-	0.655
hsa-miR-584-3p	0.33	-	0.137	-0.41	-	0.052

The miRNAs with log<sub>2</sub> FC > 1 and *P* value < 0.05 were considered as “up,” while miRNAs with log<sub>2</sub> FC < -1 and *P* value < 0.05 were represented as “down.”

miRNA, microRNA; SG, sleeve gastrectomy; RYGB, Roux-en-Y gastric bypass; FC, fold change.

<sup>a</sup>*P* values less than 0.05.