

Additional files

Additional files: Table A1. CircRNA related to obesity, glucose metabolism and lipid metabolism.

Table A1 CircRNA related to obesity, glucose metabolism and lipid metabolism

CircRNA	Potential biological functions and phenotypes	Reference
CircWDR77	The CircRNAWDR77-miR-124-FGF2 axis regulates the proliferation and migration of vascular smooth muscle cells (VSMCs) induced by high glucose.	[1]
hsa_circ_0046367	The circRNA_0046367/miR-34a/PPAR α promoted steatosis in HepG2 cells induced by high lipid mixture.	[2] [3]
hsa_circ_0046366	Hepatic steatosis was inhibited by miR-34a/PPAR α signaling.	[4] [5]
CircScd1	Influence steatosis in nonalcoholic fatty liver disease (NAFLD) through the JAK2/STAT5 signaling pathway.	[6]
Hsa_circ_0054633	It is associated with pre-diabetes and T2DM.	[7] [8]
circANKRd36	It associated with chronic inflammation in patients with T2DM	[9]
hsa_circ_0000284 (circRNAHIPK3)	β -cell function was controlled by isolating miR-124.3p/ miR-138.3p.	[10] [11] [12]
hsa_circ_0001946 (CirRS-7)	Targeted binding of miR-7 in mouse β cells increased insulin secretion.	[10] [13] [14]

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Additional files: Table A2. Baseline characteristics of participants (n=30).

Table A2 Baseline characteristics of participants (n=30)

Variables	Non-obesity	Obesity	χ^2/t	<i>P</i> value
Sex			3.360	0.067
Male	21(70.0)	14(46.7)		
Female	9(30.0)	16(53.3)		
Age	5.167±1.147	4.767±1.278	.1.028	0.207
The one-child			1.763	0.184
Yes	9(30.0)	14(46.7)		
No	21(70.0)	16(53.3)		
The supporter			0.077	0.781
parents	20(66.7)	21(70.0)		
grandparents	10(33.3)	9(30.0)		
Total monthly household income			1.709	0.426
low	5(16.7)	2(6.7)		
middle	21(48.8)	22(73.3)		
high	4(13.3)	6(20.0)		