

Table S1 miRNA associations with metabolic parameters in different diabetes types

[illegible]

C-peptide	miR-424-5p, miR-29a-3p, miR-150-5p, miR-342-3p, miR-375					Snowwhite et al 2017
C-peptide, fasting	miR-25, miR-424-5p, miR-150-5p					Snowwhite et al 2017 Neilson et al 2012
C-peptide AUC				miR-24		Seyhan et al 2016
Glucose, fasting			miR-126	miR-126, miR-486, miR-146b, miR-15b	miR-340	Zhang et al 2013, Rezk et al 2016, Giannella et al 2017, Cui et al 2018, Carreras-Bodosa et al 2015
Glucose, postprandial		miR-34a	miR-21	miR-126		Nunez-lopez et al 2016, La Sala et al 2019
Glucose AUC			miR-148a	miR-126, miR-375, miR-21		De candia et al 2017, Seyhan et al 2016
HbA1c (%)	miR-140-3p, miR-29a-3p, miR-148a-3p, let-7b-3p, miR-222-3p, miR-23a-3p, miR-30c-5p, let-7f-5p, miR-151a-5p, miR-26b-5p, miR-139-5p, miR-25, miR-200a-3p, miR-155-5p	miR-22, miR-210	miR-130b-3p, miR-374a-5p, miR-30d	miR-130b-3p, miR-374a-5p, miR-374a-5p, miR-222-3p, miR-126,	miR-652	Akerman et al 2018 Neilson et al 2012 Assmann et al 2018 Prabu et al 2015, De candia et al 2017, Jones et al 2017, Carreras-Bodosa et al 2015
HOMA-B			miR-34a	miR-34a		De candia et al 2017, Seyhan et al 2016
HOMA-IR		miR-335, miR-143, miR-378, miR-34a	miR-374a-5p, miR-29a, miR-144, miR-20a, let-7b, miR-21, miR-142	miR-374a-5p	miR-16-5p, miR-17-5, miR-20a-5p	Can et al 2015 Prabu et al 2015, De candia et al 2017, Liang et al 2018, La Sala et al 2019, Cao et al 2017
IFG/IGT					miR-221	Carreras-Bodosa et al 2015
Insulin, fasting		miR-34a	miR-374a-5p	miR-374a-5p		Nunez-lopez et al 2016 Prabu et al 2015
Insulin		let-7d				Jones et al 2017
Insulin sensitivity index				miR-197, miR-15a, miR-29b, miR-24, miR-126, miR-144, miR-223, miR-191, miR-486-5p		Wang et al 2014,
Insulinogenic index				miR-146a		Seyhan et al 2016
Insulin resistance					miR-122, miR-375	Carreras-Bodosa et al 2015
Insulinemia					miR-330-3p	Sebastiani et al 2017a
OGTT				miR-148a-3p, miR-222-3p		De candia et al 2017

<i>Auto-antibodies</i>						
GADA	miR-378a-3p, miR-101-3p					Akerman et al 2018 Santos et al 2019
IA2A	miR-144-5p, miR-342-3p, miR-378a-3p					Akerman et al 2018
IDAA1c	miR-200a-3p, miR-155-5p					Assmann et al 2018
ZnT8A (Trp)	miR-378a-3p					Akerman et al 2018
<i>Liver function parameters</i>						
ALT		miR-122-5p, miR-192-5p				Thompson et al 2017
AST		miR-34a-5p, miR-122-5p				Thompson et al 2017
Fatty liver index			miR-192, miR-193b			Parrizas et al 2015
<i>Lipid profile parameters</i>						
Cholesterol		miR-146a-5p	miR-128			Prabu et al 2015, Russo et al 2018
HDL-cholesterol		miR-335, miR-758, miR-34a	miR-423-5p		miR-122, miR-324-3p, miR-375	Can et al 2015 Prabu et al 2015, Carreras-Bodosa et al 2015
Triglycerides		miR-370, miR-335, miR-143, miR-378, miR-22, miR-210	miR-192, miR-193b, miR-30d		miR-122, miR-324-3p, miR-375	Can et al 2015 Parrizas et al 2015, De candia et al 2017, Jones et al 2017, Carreras-Bodosa et al 2015
<i>Others</i>						
Diastolic blood pressure		miR-27a				Nunez-lopez et al 2016
QUICKI score		miR-34a				Nunez-lopez et al 2016

miRNAs in brown font indicate those that associate with the corresponding parameters positively. miRNAs in green font indicate those that associate with the corresponding parameters negatively. miRNAs in blue font indicate those that may associate with the corresponding parameters negatively or positively.