

## Supplement Materials

**Table S1.** The Ct range values for the qPCR in urine.

	Normal controls	T1DM	T2DM	HNF1A-MODY
Ct range (qPCR) miR-224 (delta)	29.4–33.7(4.34)	26.5–33.6 (7.1)	26.4–34.2(7.8)	25.9–33.1(7.3)
Ct range (qPCR) miR-103(delta)	32.2–36.4 (4.2)	25.2–36.7 (11.6)	30.1–37.4 (7.3)	28.1–35.8 (7.7)

**Table S2.** Correlation of urine miR-224 and miR-103 levels with clinical and biochemical characteristics.

	miR-103 in urine								miR-224 in urine							
	Normal controls		T1DM		T2DM		HNF1A-MODY		Normal controls		T1DM		T2DM		HNF1A-MODY	
	rho	p	rho	p	rho	p	rho	p	rho	p	rho	p	rho	p	rho	p
miR-224 in urine (copies per reaction)	0.14	0.49	0.41	* <0.01	0.26	0.13	0.57	* <0.01	NA	NA	NA	NA	NA	NA	NA	NA
Age (yrs.)	0.39	0.05	-0.10	0.53	-0.46	* <0.01	0.10	0.57	0.19	0.36	-0.13	0.41	-0.20	0.25	-0.14	0.44
Duration (yrs.)	NA	NA	-0.10	0.53	-0.13	0.45	-0.12	0.47	NA	NA	-0.22	0.15	-0.04	0.80	-0.36	* 0.04
BMI (kg/m <sup>2</sup> )	-0.07	0.74	0.04	0.81	0.07	0.69	0.06	0.73	0.09	0.66	0.28	0.07	-0.19	0.28	-0.13	0.47
HbA <sub>1c</sub> (mmol/mol)/%	0.25	0.24	0.12	0.43	0.27	0.11	-0.29	0.10	0.29	0.15	0.22	0.15	-0.10	0.58	-0.12	0.52
SBP (mmHg)	0.05	0.80	-0.32	* 0.03	0.12	0.49	0.02	0.90	0.41	* 0.04	-0.11	0.49	-0.32	0.06	0.18	0.32
LDL (mmol/L)	0.03	0.90	-0.08	0.58	-0.31	0.07	-0.08	0.68	0.50	* 0.02	-0.10	0.53	-0.19	0.28	-0.11	0.56
ACR (g/mol)	0.38	0.06	-0.14	0.41	0.13	0.46	-0.03	0.88	-0.09	0.66	-0.19	0.26	-0.04	0.80	0.01	0.94
GFR (ml/min/1.73m <sup>2</sup> )	-0.16	0.49	0.23	0.15	0.18	0.30	0.12	0.50	-0.25	0.26	0.00	1.00	0.26	0.13	0.20	0.27
Insulin (pmol/L)	-0.47	* 0.02	0.00	0.99	0.18	0.31	0.03	0.85	0.03	0.88	-0.15	0.35	0.19	0.29	0.04	0.83
Glucose (mmol/L)	0.02	0.94	0.27	0.10	0.13	0.47	-0.29	0.10	0.13	0.53	0.13	0.41	-0.23	0.19	-0.09	0.63