

ESM Table 1: Cohort Characteristics

	Controls	Children with Obesity	P Value
n	30	50	-
Age – years (Range)	12.5 (7-17)	13.6 (7-17)	0.09 -
Sex - % female	30%	50%	-
BMI z-score	-0.3	2.15	<0.0001
HOMA-IR	0.9	4.4	<0.0001
Fasting Insulin (pmol/L)	22.8	127.3	<0.0001
Fasting glucose (mmol/L)	5.05	5.04	0.89
Medications	0	0	-