

Supplementary Table 1. Subject Characteristics

	NGT N=19	IGT N=20	T2D N=20
Age, years (range)	32±3 (21-58)	56±3* (25-73)	53±1*(38-65)
M/F	8/11	9/11	11/9
BMI, kg/m ² (range)	24.2±0.4 (21.7-27.5)	29.8±0.9* (25.0-42.1)	31.4±0.7*(27.4-38.4)
WHR (range)	0.84±0.02 (0.69-1.04)	1.21±0.04* (0.77-1.42)	1.28±0.03* (1.09-1.52)
GDR, µmol/kg/min (range)	76±4 (51-99)	19±2* (6-34)	21±2* (9-43)
2 hour Glucose OGTT, mM (range)	5.9±0.2 (4.9-7.5)	9.4±0.2*(7.9-10.9)	13.1±0.3*† (10.9-16.4)
HbA1c, % (range)	5.22±0.03 (5.04-5.48)	5.74±0.04* (5.39-6.18)	6.37±0.09*†(5.94-7.06)
HDL-C, mmol/L	1.60±0.07 (1.20-2.29)	1.21±0.04* (0.96-1.63)	1.12±0.04* (0.69-1.44)
Triglyceride to HDL-C ratio (range)	1.30±0.07 (0.80-1.80)	1.72±0.12 *(1.10-3.10)	1.97±0.11*(1.30-2.90)
Systolic BP, mmHg (range)	123±2 (105-140)	138±1* (126-146)	139±1* (129-150)
eGFR, ml/min/1.73m ² (range)	107±6 (71-174)	76±3* (56-95)	75±3* (56-100)
Creatinine, µmol/L (range)	70±2 (54-84)	84±1*(73-96)	88±2*(76-102)

The subject characteristics are described previously (5). Data are mean±SE. M/F = male/female; BMI = Body Mass Index; WHR=Waist to Hip Ratio; GDR=Glucose Disposal Rate; OGTT=Oral Glucose Tolerance Test; HbA1c = Glycosylated Hemoglobin; HDL-C=High Density Lipoprotein cholesterol; BP=Blood Pressure; eGFR=Estimated Glomerular Filtration Rate. *P<0.05 vs. NGT; †<0.05 vs. IGT.