

SUPPLEMENTARY TABLE 1 Glycerol release from mature fat cells and differentiated preadipocytes

	Non obese subjects	Obese subjects	p-value
Mature fat cells			
Basal lipolysis			
nmol/ug protein	0.51 ± 0.30	0.74 ± 0.35	<0.001
µmol/g lipid	1.02 ± 0.63	1.45 ± 0.74	0.001
µmol/10 ⁷ cells	4.8 ± 4.4	11.1 ± 5.5	<0.001
Noradrenaline-induced lipolysis			
nmol/µg protein	1.8 ± 1.0	1.1 ± 0.3	< 0.01
µmol/g lipid	3.6 ± 2.0	2.8 ± 1.3	< 0.005
µmol/10 ⁷ cells	9.9 ± 5.4	10.3 ± 5.9	NS
Noradrenaline/basal lipolysis	4.5 ± 2.1	2.1 ± 0.9	< 0.001
Isoprenaline-induced lipolysis			
nmol/µg protein	2.9 ± 1.8	1.7 ± 0.7	< 0.001
µmol/g lipid	6.0 ± 2.4	3.8 ± 1.5	<0.001
µmol/10 ⁷ cells	18.6 ± 6.0	17.4 ± 7.3	NS
Isoprenaline/basal lipolysis	8.0 ± 4.1	3.1 ± 1.5	< 0.001
Preadipocytes			
Basal lipolysis pmol/ug protein	81 ± 64	44 ± 34	< 0.001
Noradrenaline-induced lipolysis			
pmol/µg protein	494 ± 347	156 ± 125	< 0.001
Noradrenaline/basal lipolysis	8.9 ± 6.0	3.5 ± 2.9	< 0.001
Isoprenaline-induced lipolysis			
pmol/µg protein	706 ± 510	480 ± 33	< 0.001
Isoprenaline/basal lipolysis	10.4 ± 4.6	6.8 ± 4.7	< 0.001

Values are means ± SD. They were compared by Student's t-test. NS = not significant