

Electronic Supplementary Table 1: Baseline and follow-up characteristics from the BetaGene and PIPOD studies.

	BetaGene (n=338)		PIPOD (n=97)	
Baseline Characteristics				
	Median or N (%)	Min - Max	Median or N (%)	Min - Max
Age (years)	34	18 – 66	39	25 – 54
BMI (kg/m ²)	28.6	17.1 - 52.9	30.2	21.3 – 47.8
Female (%)	239 (71%)	-----	97 (100%)	-----
OGTT status (%)				
Normal	216 (64%)	-----	22 (23%)	-----
Impaired	105 (31%)	-----	49 (50%)	-----
Diabetes	17 (5%)	----	26 (27%)	-----
Fasting glucose (mmol/l)	5.1	3.2 – 6.6	5.5	4.5 – 10.0
2-hr glucose (mmol/l)	7.0	3.3 –15.1	9.4	5.4 – 19.1
Fasting insulin (pmol/l)	42	6 – 240	84	30 – 300
FSIGT SI (min ⁻¹ per µU/ml X 10 ⁻⁴)	2.7	0.5 – 8.8	1.7	0 – 10.9
HOMA2-%S	128	10.2 – 901.7	61	17.8 – 180.4
Matsuda Index	4.6	0.9 – 24.5	2.4	0.7 – 7.9
Change in Insulin Sensitivity During Follow-up				
	Median	Min - Max	Median	Min - Max
<i>Change in original scale:</i>				
FSIGT SI	-0.37	-6.8 – 6.0	0.97	-5.9 – 11.7
HOMA2-%S	-18.7	-678 – 888	21.3	-90 - 277
Matsuda Index	-0.72	-18.2 – 20.4	1.22	-2.5 – 11.2
<i>Change in Standardized scale:^a</i>				
FSIGT SI	-0.34	-4.6 – 3.4	0.55	-1.6 – 4.8
HOMA2-%S	-0.40	-2.7 – 3.7	0.44	-1.6 – 3.5
Matsuda Index	-0.45	-2.9 – 2.5	0.72	-1.1 – 3.6

^a Computed as (log(follow-up)-log(baseline))/SD of (log(follow-up)-log(baseline))