Online Supplemental Table 1. Age and sex-adjusted Pearson correlation coefficients for slice-specific adipose tissue measures and insulin measures.

| | N | Correlation Coefficient (ρ)* | | | |
		Log Insulin	Log Proinsulin	Log Proinsulin/ insulin ratio	Log HOMA-IR
SAT volume	161	0.45	0.41	0.24	0.46
$L_{1/2}$	50	0.31	0.46	0.34	0.33
$L_{2/3}$	161	0.45	0.37	0.20	0.45
$L_{3/4}$	161	0.44	0.39	0.23	0.44
Umbilicus	161	0.42	0.41	0.27	0.42
$L_{4/5}$	161	0.46	0.43	0.26	0.48
Iliac crest	161	0.46	0.42	0.26	0.47
L_5/S_1	161	0.46	0.44	0.27	0.47
VAT volume	161	0.48	0.44	0.26	0.48
$L_{1/2}$	50	0.37	0.52	0.39	0.39
$L_{2/3}$	161	0.51	0.48	0.29	0.52
$L_{3/4}$	161	0.47	0.44	0.26	0.48
Umbilicus	161	0.43	0.43	0.27	0.44
$L_{4/5}$	161	0.41	0.41	0.26	0.42
Iliac crest	161	0.37	0.40	0.26	0.39
L_5/S_1	161	0.40	0.39	0.24	0.42

Abbreviations: SAT, abdominal subcutaneous adipose tissue; VAT, visceral adipose tissue, HOMA-IR, homeostasis model assessment of insulin resistance
*$P<0.05$ for all correlation coefficients