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Further information on the RISC project and participating centres can be found on http://www.egir.org.
Table 1S: Pearson correlation coefficients (r) with one-hour plasma glucose (1hPG) and two-hour plasma glucose (2hPG) levels following a 75 g oral glucose tolerance test.

| Parameter            | Unit of Measurements                  | 1hPG        | 2hPG        |
|----------------------|---------------------------------------|-------------|-------------|
|                      |                                       | r   | P            | r   | P            |
| Insulin sensitivity  | [log(µmol⋅min⁻¹⋅kgFFM⁻¹⋅nmol/l⁻¹)]     | -0.31 | <0.001       | -0.32 | <0.001       |
| Insulin clearance    | (1/min/m²)                            | -0.05 | 0.112       | -0.06 | 0.054       |
| Basal insulin secretion | (pmol⋅min⁻¹⋅m⁻²)                 | 0.30 | <0.001       | 0.24 | <0.001       |
| Total insulin secretion | (nmol⋅m⁻²)                        | 0.43 | <0.001       | 0.35 | <0.001       |
| Hepatic insulin      | (adimensional)                       | -0.11 | <0.001       | -0.10 | <0.001       |
| Glucose Sensitivity  | (pmol⋅min⁻¹⋅m⁻²⋅mM⁻¹)                | -0.46 | <0.001       | -0.26 | <0.001       |
| Rate Sensitivity     | (pmol⋅m⁻²⋅mM⁻¹)                      | -0.18 | <0.001       | -0.11 | 0.001       |
| Potentiation factor  | (fold)                               | -0.18 | <0.001       | -0.36 | <0.001       |