

3D birth cohort
2365 pregnant women

Exclusion
n= 1609

OGTT performed at 2nd trimester
n=775

Exclusion
n=19

**Availability of glycemia at least at fasting
and 2h post-OGTT**
n=756

Exclusion
n=14

**No pre-existing diabetes or GDM
diagnosed at 1st trimester**
n=742

Exclusion
n=232

European descent
n=510

Exclusion
n=1

**No chronic hypertension or gestational
hypertension diagnosed at 1st trimester**
n=509

Exclusion
n=6

**Availability of plasma sample ($\geq 500 \mu\text{l}$)
at 1st trimester**
n=503

**230 participants randomly selected
for the replication study**

Exclusion

- BMI not available (n=4)
- Sequencing issue (n=3)

**223 participants selected
for the replication study**