First year university students invited to take part (N = 22 000)
Eight hundred consent (Response rate: 3.6%).

Randomized (N= 800)

Allocation

Allocated to receive genetic test feedback and advice (n=400)
- Expected genotype frequencies: higher-risk= 252, non-risk=148
- Asked to complete questionnaire to assess psychological reactions immediately after receiving test feedback

Allocated to receive Advice only (n=400)
- Expected genotype frequencies: higher-risk= 252, non-risk=148
- Informed they will receive results in 8 months

Follow-up 1 (One month)
- Questionnaire assessing motivation to prevent weight gain (primary outcome)

Follow-up 2 (Eight months)
- Re-weigh
- Debrief, reimbursement
- Re-weigh,
- Provide genetic test feedback
- Questionnaire to assess psychological reactions immediately after receiving feedback
- Debrief, reimbursement