**Supplementary Figure S1.** Flow chart of the participants included in the study.

Not meeting inclusion criteria

N=17998

Declined to participate or do not replied

N= 836

Do not returned the saliva samples

N= 99

Invalid saliva samples

N= 33

Reported total energy intake outside the predefined limits

N= 67

Participants with completed baseline questionnaire before May 2008

N= 19919

Participants over 55 years old at baseline invited to enter in the sub-study

N= 1921

Participants accepted the invitation

N=1085

Final Sample

N= 986

Participants

N= 953

Participants

N=886