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Supplementary information for the samples used in the study

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The Avon Longitudinal Study of Parents and Children (ALSPAC) is a prospective cohort study which recruited pregnant women residing in Avon, UK, with expected dates of delivery between 1st April 1991 and 31st December 1992. Full details of the study recruitment and methodology have been published previously (1, 2). A total of 14,541 pregnancies were included in the initial sample, resulting in 14,062 live births and 13,988 children who were alive at one year of age. Detailed information on mothers and their partners (during and after pregnancy) and the children (since birth) has been collected from self-report questionnaires and attendance at clinics. Our sample was limited to European mothers with available GWAS data and data on required smoking phenotypes (i.e. time to first cigarettes and/or FTND score). Ethical approval for the study was obtained from the ALSPAC Ethics and Law Committee and the Local Research Ethics Committees. Further information on the recruitment process is documented elsewhere (1, 2). The study website contains details of all the data that is available through a full searchable data dictionary: www.bris.ac.uk/alspac/researchers/data-access/data-dictionary/. ALSPAC mothers were genotyped using the Illumina 660 array and were imputed to Hapmap2, 1000g and UK10K/1000g joint reference panel and Haplotype Consortium (IMPUTE2 and Minimac imputations). The UK Medical Research Council and Wellcome (Grant ref: 102215/2/13/2) and the University of Bristol provide core support for ALSPAC. This publication is the work of the authors and Michelle Taylor will serve as guarantor for the ALSPAC contents of this paper. A comprehensive lists of grants funding is available on the ALSPAC website. This research was specifically funded by the Wellcome trust (Grant ref: WT088806).

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References
