

Table 1: Information and samples collected from the Isle of Wight Birth Cohort

Variable	Birth	Year 1	Year 2	Year 4	Year 10	Year 18	Year 26
Family history of asthma, eczema, and rhinitis	x	x	x	x	x	x	x
Pregnancy complications and birth characteristics	x	-	-	-	-	-	-
Mode of feeding	-	x	x	-	-	-	-
Household pets	x	x	x	x	x	x	x
Socioeconomic status	x	x	x	x	x	x	x
Exposure to smoking	x	x	x	x	x	x	x
Height, weight, BMI	x	x	x	x	x	x	x
Housing characteristics	-	-	x	x	x	x	x
Wheeze and asthma	-	x	x	x	x	x	x
Nasal symptoms	-	x	x	x	x	x	x
Respiratory infections	-	x	x	x	x	x	x
Allergic symptoms	-	x	x	x	x	x	x
Eczema		x	x	x	x	x	x
Food allergy		x	x	x	x	x	x
Treatment and medications	-	x	x	x	x	x	x
Skin prick test	-	x	x	x	x	x	x
Total and specific IgE*	x	-	-	-	x	x	x
Spirometry and bronchodilator reversibility (FEV ₁ , FVC, FEF ₂₅₋₇₅)	-	-	-	-	x	x	x
Bronchial provocation test (PC ₂₀ and methacholine and dose-response)	-	-	-	-	x	x	x
Exhaled nitric oxide	-	-	-	-	-	x	x
Urinary cotinine	-	-	-	-	x	x	x
Genome-wide genotyping	-	-	-	-	x	-	-
Genome-wide DNA-methylation#	x	-	-	-	x	x	-
*Using maternal and cord blood							
#Using Guthrie cards collected at day 7							