

## Overview of genetic array data available from CLOSER studies

Study name	Respondent	Number of respondents genotyped	Array used	Data availability	Sample used for DNA extraction	Link to data access information
Hertfordshire Cohort Study	Study member	1,000	Illumina Global Screening Array-24	Coming Q1 2019	Blood	N/A
MRC National Survey of Health and Development	Study member	2,464	Illumina MetaboChip	Available	Blood	<a href="https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/">https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/</a>
	Study member	2,870	Illumina DrugDev Custom chip	Available	Blood	<a href="https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/">https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/</a>
	Study member	2,793	Illumina NeuroX2 chip	Available	Blood	<a href="https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/">https://www.nshd.mrc.ac.uk/data/nshd-dna-repository/</a>
1958 National Child Development Study	Study member	1,502	Affymetrix 500K	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	1,476	Illumina 15K Custom chip	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	1,436	Infinium 550K v1.1	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	2,997	Affymetrix v6	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	2,922	Illumina 1.2M	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	2,598	Infinium HumanHap 550K v3	Available	Blood or Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	5,840	Illumina MetaboChip	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	872	Illumina Human 660	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	6,894	Illumina Immunochip	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> * <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a> **
	Study member	1,000	Illumina HiSeq 2500	Available	Immortalised LCL	<a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a>
	Study member	6,662	Dynal RELI SSO assay	Available	Immortalised LCL	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> <a href="https://www.metadac.ac.uk/1958bc">https://www.metadac.ac.uk/1958bc</a>
1970 British Cohort Study	Study member	In field	To be determined	Fieldwork currently underway	Blood	N/A
Avon Longitudinal Study of Parents and Children	Study member	1,518	Illumina 317	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Study member	3,233	Illumina 610	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Study member	1,867	NGS (HiSeq ~6.5x)	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Study member	8,365	Illumina 550 (custom)	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Mother	8,340	Illumina 660	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Mother and study member pairs	18,000	Illumina 660 + Illumina 550 (custom)	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Mother and father pairs	3,000	Illumina Core Exome	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Mother, father and study member triad	20,000	CNV data	Available	Blood or Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Study member	869	Illumina Human HT-12 V3 BeadChips (Expression data)	Available	Immortalised LCL	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
	Mother and study member pairs	1,000	Illumina Infinium 450k methylation array	Available	Blood	<a href="https://www.bristol.ac.uk/alspac/researchers/access/">https://www.bristol.ac.uk/alspac/researchers/access/</a>
Southampton Women's Survey	Study member	1,940	Illumina HumanOmniExpress-24	Coming Q1 2019	Cord blood	N/A
	Mother	1,000	Illumina Global Screening Array-24	Coming Q1 2019	Blood	N/A
Millennium Cohort Study	Mother, father and cohort member triad	TBD	TBD	Coming 2018	Saliva	N/A
Understanding Society	Study member	10,000	Illumina human core exome array	Available	Blood	<a href="https://ega-archive.org/datasets">https://ega-archive.org/datasets</a> <a href="https://www.metadac.ac.uk/ukhs/">https://www.metadac.ac.uk/ukhs/</a>

\* when genetic data only is requested

\*\* when genetic data is to be linked with other (non-genetic) phenotype/survey data from the study

You can search the contents of non-genetic data from studies using CLOSER Discovery: [www.discovery.closer.ac.uk](http://www.discovery.closer.ac.uk)