

Table 1.1.4. Biological data generated from DNA samples from MoBa mothers

| MoBaBIO product | Collection timepoint | Available biomarkers | Biomarker definition | Analytical methodology | No. of unique participants |
|------------------------|----------------------|----------------------|--|---------------------------|----------------------------|
| Tel001 | Pregnancy | TRF1 | Terminal restriction fragment 1 | Southern blot | 1563 |
| | | TRF2 | Terminal restriction fragment 2 | | 1494 |
| Gtp002 | Pregnancy Birth | rs10770704 | SNP within solute carrier organic anion transporter family member 1C1 | Sequenom MassARRAY IPLEX® | 1993 |
| | | rs10944479 | SNP within broad complex-tramtrack-bric a brac and Cap'n'collar homology 2 | | 1995 |
| | | rs11675434 | SNP within thyroid peroxidase | | 1995 |
| | | rs12101255 | SNP within thyroid-stimulating hormone receptor | | 1987 |
| | | rs12720461 | SNP within cytochrome P450 1A2 | | 2005 |
| | | rs14399 | SNP within solute carrier family 16 member 10 | | 2007 |
| | | rs1695 | SNP within Glutathione S-transferase P1 | | 2009 |
| | | rs1801280 | SNP within N-acetyltransferase 2 | | 1995 |
| | | rs2069521 | SNP within cytochrome P450 1A2 | | 2011 |
| | | rs2069526 | SNP within cytochrome P450 1A2 | | 1987 |
| | | rs2235544 | SNP within iodothyronine deiodinase 1 | | 1997 |
| | | rs225011 | SNP within iodothyronine deiodinase 2 | | 1992 |
| | | rs225012 | SNP within iodothyronine deiodinase 2 | | 1999 |
| | | rs225014 | SNP within iodothyronine deiodinase 2 | | 1986 |
| | | rs2470890 | SNP within cytochrome P450 1A2 | | 2006 |
| | | rs28399433 | SNP within cytochrome P450 2A6 | | 2011 |
| | | rs301799 | SNP within arginine-glutamic acid dipeptide repeats | | 1999 |
| | | rs35599367 | SNP within cytochrome P450 3A4 | | 2011 |
| | | rs366631 | SNP within glutathione S-transferase mu 1 | | 2009 |
| | | rs4646421 | SNP within cytochrome P450 1A1 | | 2004 |

| | | | | | |
|--|--|-----------|----------------------------------|--|------|
| | | rs4986988 | SNP within N-acetyltransferase 1 | | 2000 |
| | | rs653178 | SNP within ataxin-2 | | 2019 |
| | | rs662 | SNP within paraoxonase 1 | | 2003 |
| | | rs854560 | SNP within paraoxonase 1 | | 1997 |