**TABLES, SUPPLEMENTAL DIGITAL CONTENT 2**

**Table 1, Supplemental Digital Content 2:** Primer and adaptor sequences

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Primer region and name** | | | **PCR reaction** | | **5' - 3'** | | | | | **Genomic region**  **of primer**  **hybridization1** | | | **Reference** | | | | |
| **SURFACE** | | |  | |  | | | | |  | | |  | |
| HBPr134 | | | 1st stage | | TGC TGC TAT GCC TCA TCT TC | | | | | nt 414 - 822 | | | [5] | |
| HBPr135 | | | 1st stage | | CAR AGA CAR AAG AAA ATT GG | | | | |  | | | [5] | |
| HBPr75 w/adaptor | | | 2nd stage | | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG CAA GGT ATG TTG CCC GTT TGT CC | | | | | nt 455 - 795 | | | [6] | |
| HBPr94 w/adaptor | | | 2nd stage | | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG GGY AWA AAG GGM CTC AMG ATG | | | | |  | | | [6] | |
|  | | |  | |  | | | | |  | | |  | |
| **CORE** | | |  | |  | | | | |  | | |  | |
| HBV-P1 | | | 1st stage | | GCT GTG YCT TGG GTG GCT TT | | | | | nt 1876 - 2286 | | | [7] | |
| Core-NGS | | | 1st stage | | GGW GTR CGA ATC CAC ACY CC | | | | |  | | | In-house | |
| HBPr7s w/adaptor | | | 2nd stage | | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG GAA TTT GGA GCT WCT GYG GAG | | | | | nt 1922 - 2275 | | | [8] | |
| Core-NGSn w/adaptor | | | 2nd stage | | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG CCA CAC YCC RAA RGA SAC CA | | | | |  | | | In-house | |
|  | | |  | |  | | | | |  | | |  | |
| **POLYMERASE** | | |  | |  | | | | |  | | |  | |
| HBPr49 | | | 1st stage | | CAT CKT GAG KCC CTT TWT ACC | | | | | nt 775 - 1192 | | | In-house | |
| PA102 | | | 1st stage | | CRT CAG CAA ACA CTT GG | | | | |  | | | [9] | |
| HBPr531 w/adaptor | | | 2nd stage | | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG CCA ATT TTC TTT TGT CTY TG | | | | | nt 803 - 1153 | | | In-house | |
| POL-NGSn w/adaptor | | | 2nd stage | | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG CAA CGG GGT AMA GGK TCA | | | | | | In-house | | | | |  | | | |
|  | | |  |  | | | | | |  | | | |  | | | | |
| **ADAPTOR SEQUENCE** | | |  |  | | | | | |  | | | |  | | | | |
| FWD overhang primer sequence | |  | | | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG | | | |  | | | [10] | | | | |
| REV overhang primer sequence | |  | | | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG | | | |  | | | [10] | | | | |
|  | 1**based on GenBank accession AY128092 nucleotide numbering** | | | | |  |  |

**Table 2, Supplemental Digital Content 2.** The number of representative sequences (haplotypes) per sample per genomic region amplified

|  |  |  |  |
| --- | --- | --- | --- |
|  | **HBV Genomic Region** | | |
|  | **Core** | **Polymerase** | **Surface** |
| **M11** | 591 | 398 | 547 |
| **M21** | 615 | 367 | 496 |
| **Child** | 466 | 201 | 258 |
| 1M1 and M2 samples are from the mother, taken approximately 3.5 and 4.5 years after the birth of the child, respectively. | | | |
|  | | | |