

Supplementary Table 7. Summary of mapped deduplicated reads in the positive and negative controls

| Reference | Chromosome | Length (bp) | Positive control | | | Negative control | |
|---|-------------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | | Ig18206 (Liver) | Ig18807 (Liver) | Ig18207 (Blood) | Ig18208 (Nails) | Ig18808 (Liver) |
| Host DNA: Human (GRCh38) | 1 | 248,956,422 | 205,158 | 170,195 | 123,120 | 138,788 | 139,353 |
| | 2 | 242,193,529 | 165,178 | 131,091 | 74,845 | 59,998 | 110,285 |
| | 3 | 198,295,559 | 159,552 | 99,757 | 75,887 | 52,139 | 84,658 |
| | 4 | 190,214,555 | 162,301 | 109,249 | 93,151 | 61,752 | 84,930 |
| | 5 | 181,538,259 | 153,871 | 105,748 | 74,631 | 64,745 | 88,568 |
| | 6 | 170,805,979 | 143,346 | 87,525 | 70,222 | 47,852 | 75,111 |
| | 7 | 159,345,973 | 132,568 | 99,354 | 75,860 | 60,254 | 78,458 |
| | 8 | 145,138,636 | 119,708 | 78,392 | 60,175 | 42,929 | 65,251 |
| | 9 | 138,394,717 | 109,055 | 73,321 | 58,524 | 38,590 | 63,156 |
| | 10 | 133,797,422 | 101,770 | 94,534 | 59,241 | 53,216 | 74,606 |
| | 11 | 135,086,622 | 113,357 | 81,910 | 58,701 | 47,305 | 70,513 |
| | 12 | 133,275,309 | 103,277 | 78,713 | 55,245 | 42,348 | 63,940 |
| | 13 | 114,364,328 | 81,637 | 46,710 | 37,181 | 30,124 | 42,445 |
| | 14 | 107,043,718 | 71,423 | 53,452 | 34,476 | 29,848 | 41,171 |
| | 15 | 101,991,189 | 80,093 | 53,127 | 44,522 | 28,790 | 45,529 |
| | 16 | 90,338,345 | 70,867 | 73,016 | 46,734 | 40,115 | 59,502 |
| | 17 | 83,257,441 | 78,188 | 75,607 | 41,359 | 35,531 | 61,403 |
| | 18 | 80,373,285 | 79,686 | 45,916 | 61,123 | 49,229 | 41,019 |
| | 19 | 58,617,616 | 65,080 | 64,425 | 41,467 | 44,803 | 50,486 |
| | 20 | 64,444,167 | 95,893 | 52,914 | 48,191 | 42,642 | 43,425 |
| | 21 | 46,709,983 | 84,606 | 71,633 | 53,991 | 55,598 | 65,329 |
| | 22 | 50,818,468 | 49,118 | 44,045 | 27,116 | 26,508 | 34,992 |
| X | 156,040,895 | 79,498 | 85,720 | 41,196 | 40,849 | 73,318 | |
| Y | 57,227,415 | 85,906 | 13,950 | 84,450 | 34,880 | 7,992 | |
| Mitochondria | 16,569 | 18,114 | 14,183 | 690 | 1,417 | 31,483 | |
| Exogenous DNA: | HBV_AB033550.1 | 3,215 | 134,951 | 1,065,952 | 116,346 | 274 | 0 |
| | HHV7JI_HHU43400.1 | 144,861 | 216 | 919 | 7,889 | 82 | 4 |
| Mapped deduplicated reads (mapped reads minus duplicated reads) | | | 2,744,417 | 2,971,358 | 1,566,333 | 1,170,606 | 1,596,927 |