

Supplementary Table 3:

Short tandem repeat analysis of cells used in this study

| STR Locus | LX-2 | HepG2 | Hep3B | Wi-38 (VA-13) |
|------------|----------|--------|----------|---------------|
| D16S539 | 13 | 12; 13 | 10 | 11; 12 |
| D7S820 | 11 | 10 | 8; 10 | 9; 11 |
| D13S317 | 11; 13 | 9; 13 | 12; 14 | 11 |
| D5S818 | 11; 12 | 11; 12 | 13 | 10 |
| CSF1PO | 10; 12 | 10; 11 | 8 | 10; 12 |
| TPOX | 8; 9 | 8; 9 | 9 | 8 |
| Amelogenin | X; Y | X; Y | X | X |
| TH01 | 9.3 | 9 | 6; 7 | 9.3 |
| vWA | 17 | 17 | 17 | 19; 20 |
| D8S1179 | 13 | 15; 16 | 12 | 14 |
| D21S11 | 28; 31 | 29; 31 | 30; 31 | 30; 30.2 |
| D3S1358 | 13; 15 | 15; 16 | 15 | 16; 17 |
| D2S1338 | 17 | 19; 20 | 21; 25 | 19; 25 |
| D19S433 | 13; 15.2 | 15.2 | 12.2; 14 | 13; 16.2 |
| D18S51 | 12 | 13; 14 | 20 | 16; 18 |
| FGA | 21; 26 | 22; 25 | 18 | 22; 24 |

* Note: STR loci of LX-2 were genotyped by usage of the PowerPlex® 1.2 System and the AmpFISTR® Identifiler® PCR Amplification Kit. All other cell lines were genotyped by use of the AmpFISTR® Identifiler® PCR Amplification Kit. These preformatted kit systems provide all of the materials necessary for coamplification of nine (PowerPlex® 1.2. System) or 15 STR loci (AmpFISTR Identifiler® PCR Amplification Kit). In both kit systems, one of the amplified markers corresponds to the sex identification locus Amelogenin that display different sizes when amplified from X- or Y-chromosomes, thereby allowing gender-determination.