C-terminal truncated hepatitis B virus X protein promotes hepatocellular carcinogenesis through induction of cancer and stem cell-like properties

Supplementary Materials

Supplementary Table S1: qRT-PCR primers used in this study

| Gene       | Forward Primer (5ʹ–3ʹ)       | Reverse Primer (5ʹ–3ʹ)       | GenBank No.      |
|------------|------------------------------|------------------------------|-----------------|
| β-actin    | CATCCACGAAACTACCTCAACTCC     | GAGCCGCCCATCCACACG           | NM_001101       |
| SLC01B3    | TGGAGCAACAGTACGTCGAC         | TGGTCTTCGCAGATTAGAGGGA       | NM_019844       |
| CETP       | GGCIAAGTCAAGTATGGGTTG        | ACAGACAGCTTGAATGAGGA         | NM_000078       |
| UGT2B4     | GTATTGGCATCCTCAAGCTTCCATTTTC| AAGTTCTGCCCCTCTCTTAAACCAGC  | NM_021139       |
| ABCB4      | ATAGCTCACGCAGTAGGTTCCTCT    | GGATTTAGCAGCGACAAGGAGA       | NM_018850       |
| LIPC       | ATCAAGTGCCCTTGGACAAAG       | TGACAGCCCTGTAGCTTCTCTT      | NM_00236        |
| SLC51A     | AAGAAGGGCGTATGGAAGAGG       | ACCTCGTTTTATGCCGTTGTG        | NM_152672       |
| VLDLR      | AGAAAAGCCTCAATGTGAACCT      | CACTGCCGTCAACACAGTCT         | NM_001018056    |
| FETUB      | CCATGTGCTCAAGAAAGAAGG       | ACTGGGCGAGAGGCTAGTA          | NM_014375       |
| HPX        | CTTGAGACAGTGAAGCTGCTCA      | CTCCCAGTCCCCATTTGTGAC        | NM_000613       |
| PPARG      | ACCAAAGTGCATCAAGAGTTGA      | ATGAGGGAGTGGAAGGCTCT         | NM_138711       |
| IL18       | TCTTCAGTACCAAGGAAATCGG      | TCCGGGAGTCATTACTCTAC         | NM_001562       |
| PGClA      | TCTGGTCTTACCAGTTGAACAGTC    | AGGCAGCCCTCTGTGAGCTTCA       | NM_013261       |
| CREBBP/CBP | CCAACCCAAAAAGGCCAAACTCT     | CCTCGTAGAAGCCCGAGCT          | NM_004380       |
| UGT1A1     | CTGTCTCTGCCACTCTGATCTCT     | TCTGGTAAAGGCAATGACAGT        | NM_000463       |
| DPYD       | GCCGGACATCGAGATCTCT         | TCTCTGCGCAAGTGGAAAC          | NM_001119       |
| ABCB1      | AAATGGCTCTGTTGATATG         | CACGACATCATAGAGGAGGAC        | NM_000927       |
| ABC2       | ATGCGACCTCCTCAAAACCAGTA     | CTGCCCTCTCTCACAGGTATCTC      | NM_000392       |
| ALDH1A1    | CGCAGACAGTGAATTCTCTCAG      | TGTATAAGTCGCCCCCTCTC         | NM_000689       |
| CD133      | TGGATCGACAATTCTGCAACAGT     | ATACCTGCTACGACAGCTTGGT       | NM_006017       |
| NANOG      | AATACCTCAGCTCGACAGATG       | TGCGTCAGCACCATTATCTCTC       | NM_024865       |
| SMO        | TGGTCACCTCCTCTTGTGCCTC      | GCAGCTGATTCGGAGTTCTTCTGAG    | NM_005631       |
| SOX2       | AAATGGGAGGCTGCAAAAGAGGAG    | CAGCTGTCATTGTCTGAGGTGAGT     | NM_003106       |