

Supporting information

Table 1. Primers used for site-directed mutagenesis of OATP1B1 and OATP1B3.

OATP1B1	
OATP1B1_L36F	5'-GGCAGCTCTGTCA <u>T</u> TCAGCTTTATTGCTAAGAC-3'
OATP1B1_F38Y	5'-GCTCTGTCACTCAGCT <u>A</u> TATTGCTAAGACACTAGG-3'
OATP1B1_T42A	5'-CACTCAGCTTTATTGCTAAG <u>G</u> CACTAGGTGC-3'
OATP1B1_A45G	5'-GCTAAGACACTAGGTG <u>G</u> AATTATTATGAAAAGTTCCATC-3'
OATP1B1_S50I	5'-GGTGAATTATTATGAAAA <u>T</u> TTCCATCATTTCATATAGAACGG-3'
OATP1B1_I53T	5'-GGTGAATTATTATGAAAAGTTCCATCA <u>C</u> TCATATAGAACGGAG-3'
OATP1B1_H54Q	5'-GAAAAGTTCCATCATTCA <u>A</u> ATAGAACGGAGATTTGAG -3'
OATP1B1_Y535F	5'-GATGCTTGTACAAGGAAATTTT <u>I</u> CTTTTTTGTGCAATACAAGTC-3'
OATP1B1_F536I	5'-GATGCTTGTACAAGGAAATTTTAC <u>A</u> TCTTTGTTGCAATACAAGTCTTG-3'
OATP1B1_F537Y	5'-GCTTGTACAAGGAAATTTACTTTT <u>A</u> TGTTGCAATACAAGTCTTG-3'
OATP1B1_L543I	5'-GTTGCAATACAAGTC <u>A</u> T <u>A</u> AATTTATTTTTCTCTGCACCTGGAGGC-3'
OATP1B1_L545S	5'-GTTGCAATACAAGTCTTGAATT <u>C</u> TTTTTTCTCTGCACCTGGAGGC-3'
OATP1B1_F546L	5'-CAATACAAGTCTTGAATTTATT <u>G</u> TTCTCTGCACCTGGAGGC-3'
OATP1B1_L550T	5'-GTCTTGAATTTATTTTTCTCTGCA <u>A</u> CAGGAGGCACCTCACATGTC-3'
OATP1B1_S554T	5'-GCACTTGGAGGCAC <u>C</u> ACACATGTCATGCTG-3'
OATP1B1_H555F	5'-GCACTTGGAGGCACCTCA <u>T</u> TTGTCATGCTGATTG-3'
OATP1B1_V556I	5'-CACTTGGAGGCACCTCACAT <u>A</u> TCATGCTGATTG-3'
OATP1B1_M557L	5'-GGCACCTCACATGTC <u>T</u> TGCTGATTGTTAAAATTGTTTC-3'
OATP1B1_I559T	5'-GCACCTCACATGTCATGCTGA <u>C</u> TGTTAAAATTGTTCAACC-3'
OATP1B1_T609A	5'-CAACAACGTGGC <u>G</u> CACGTGGGTCATGTAG-3'
OATP1B1_R610Q	5'-CACCAACAACGTGGCACACA <u>A</u> AGGGTCATGTAGG-3'
OATP1B1_S612A	5'-CTGTGGCACACGTGGG <u>G</u> C <u>T</u> TGTAGGACATATAATTCC-3'
OATP1B1_T615I	5'-CGTGGGTCATGTAGGAT <u>A</u> TATAATTCCACATCATTTTTCAAGGG-3'
OATP1B1_T619V	5'-GTGGGTCATGTAGGACATATAATTCC <u>G</u> TATCATTTTTCAAGGGTC-3'
OATP1B1_S620F	5'-GTAGGACATATAATTCCACAT <u>T</u> TTTTTCAAGGGTCTACTTGGGC-3'
OATP1B1_S622G	5'-GGACATATAATTCCACATCATTT <u>G</u> GAAAGGTCTACTTGGGCTTG-3'
OATP1B3	
OATP1B3_G45A	5'-GCTAAAGCACTAGGTG <u>C</u> AATCATTATGAAAATTTCCATC-3'
OATP1B3_S545L	5'-GCAATTCAAGTCATAAACTTATTGTTCTCTGCAACAGGAGG-3'
OATP1B3_I615T	5'-GCACAAGGAGCTTGTAGGA <u>C</u> ATATAATTCCGTATTTTTTGG-3'