

Supplementary Table S1. Primers used for site directed mutagenesis of *DPYD* expression plasmids.

Variation	Primers
*2A / Del e14	5'-ATTGTGATTGCTAGCATTATGTGCAG-3' 5'-CTTATCAAGAGAGAAAAGTTTTGGTGAG-3'
C29R	5'-CGTTCCACTTCGGCCAAGAAA-3' 5'-CAGAGTTGCATGAGTTTG-3'
S534N	5'-ATGTAGAAATGGCCGGATTGAAG-3' 5'-TAATGTCCACCAGATCAATAGG-3'
I543V	5'-GTAAATCCTTTTTGGTCTTGCTA-3' 5'-AAACTTCAATCCGGCCA-3'
I560S	5'-GTCGAAGAGCTTTTGAAGCTGG-3' 5'-TCATTGATGTGCTGGTGGCT-3'
V731I	5'-ATTACAGCCACCAACTGTC-3' 5'-GCCATTGGCACCACCTTCCT-3'

Supplementary Table S2. Primers used for sequencing of *DPYD* expression plasmids.

Primer sequence

5'-TAATACGACTCACTATAGGG-3'

5'-CTGAAATTCCTCAGTTCCGG-3'

5'-GTTTGGCTAACACTACAGTG-3'

5'-CAAGAGCTGCAAAGGAAGGT-3'

5'-CCAACAGCTGGCCCTCGC-3'

5'-CCGGAAGTGAAGGAATTCAG-3'

5'-TCCGAGAAGCAATGAGATGCCTGAA-3'

5'-ACACACCGGATTCACAGATAAGGG-3'

5'-ATTGTGATTGCTAGCATTATGTGCAG-3'

5'-CCCATCAGACCTGAGACAGTG-3'

5'-CACTGTAGTGTTAGCCAAAC-3'