

Supplementary Materials: TYMS 3'-UTR Polymorphism: A Novel Association with FOLFIRINOX-Induced Neurotoxicity in Pancreatic Cancer Patients

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Table S1. Multiplex PCR primers used to prepare DNA samples for microarray genotyping.

Primer	Sequence 5' → 3'
DPYD rs2297595_for*	CTCTGCGAGCATAATGTACTTGCAGGCCAGCACCAAAAAGAGCAAT
DPYD rs2297595_rev	GGCTGTACGCTGTCAGGAGGCATGACTCTAGAAAGGAAAGACTGAAAGTTAGCCA
DPYD rs3918290_for	CTCTGCGAGCATAATGTGGCCCTGGACAAAGCTCCTTTCTGAATA
DPYD rs3918290_rev	GGCTGTACGCTGTCTTCTATGCATCAGCAAAGCAACTGGCAGA
DPYD rs55886062_for	CTCTGCGAGCATAATGGTTTTGGTGAGGGCAAACCCCATCC
DPYD rs55886062_rev	GGCTGTACGCTGTCGAGCTTCCGTTTCTGCCAAGCCTG
DPYD rs67376798_for	CTCTGCGAGCATAATGAATTCCAGCAGGATTCTTACCTGGTAGCCAGAATCAT
DPYD rs67376798_rev	GGCTGTACGCTGTCAGCACTGCAGTACCTTGGAACATTTGGTGAATTGAGC
DPYD rs75017182_for	CTCTGCGAGCATAATGGGAGCATGTCTTTATGAGGGACAAC
DPYD rs75017182_rev	GGCTGTACGCTGTCTTTCACTCAGCATCAGCCACATATC
ERCC1 rs11615_for	CTCTGCGAGCATAATGAGGGCCCTGTGGTTATCAAGGGTCATCCCTATT
ERCC1 rs11615_rev	GGCTGTACGCTGTCTGCTCTGGCCCAGCACATAGTCGGGAA
ERCC1 rs3212986_for	CTCTGCGACCATAATGGGCACCTTCAGCTTTCTTTAGTTCCTCAGT
ERCC1 rs3212986_rev	GGCTGTACGCTGTCAGGAGATGCCAGGGCCGCCACT
GSTP1 rs1695_for	CTCTGCGAGCATAATGAGGGCTCTATGGGAAGGACCAGCAGGA
GSTP1 rs1695_rev	GGCTGTACGCTGTCTGCTGCCCAACCCTGGTGCAGATGCTCA
MTHFR rs1801133_for	CTCTGCGAGCATAATGCGAAGCAGGGAGCTTTGAGGCTGACCTGAAG
MTHFR rs1801133_rev	GGCTGTACGCTGTCTCGGTGCATGCCTTCACAAAGCGGAAGAA
TYMS rs11280056_for	CTCTGCGAGCATAATGCTGAGGGAGCTGAGTAACACCATCG
TYMS rs11280056_rev	GGCTGTACGCTGTCTGGAAGGAAGTGAAGCAGATAAGTGGC
UGT1A1 rs3064744_for	CTCTGCGAGCATAATGCTCTGAAAGTGAAGTCCCTGCTACCTTTGT
UGT1A1 rs3064744_rev	GGCTGTACGCTGTCTTTGCTCCTGCCAGAGGTTT
XPC rs2228001_for	CTCTGCGAGCATAATGAAAGCAGAAGCTGAAGGGTGGGCCCAAGAA
XPC rs2228001_rev	GGCTGTACGCTGTCCGCCTCCGTGCATGCTGCCTCAGTTT
Adapter_for	CTCTGCGAGCATAATG
Adapter_rev	GGCTGTACGCTGTC

* for and rev, forward and reverse primers, respectively.

Table S2. Sequences of oligonucleotide probes immobilized on the microarray.

Oligonucleotide Probe	Sequence 5' → 3'
DPYD rs2297595 C	TGTGGGATACTCACTGCTTTGAATAC*
DPYD rs2297595 T	CTGTGGGATACTCATTGCTTTGAATAC
DPYD rs3918290 A	TTCCAGACAACATAAGTGTGAT
DPYD rs3918290 G	CCAGACAACGTAAGTGTGA
DPYD rs55886062 C	AGCTCTTCGACTCATTGATGTG
DPYD rs55886062 A	AGCTCTTCGAATCATTGATGTGC
DPYD rs67376798 A	CATTTCTTCAACAATCATAGCC
DPYD rs67376798 T	CATTTCTTCATCAATCATAGCC
DPYD rs75017182 G	TTCTCAGCTTTGATTTTCAC
DPYD rs75017182 C	AATTCTCACCTTTGATTTTCAC
ERCC1 rs11615 C	GTGCGCAACGTGCCCT
ERCC1 rs11615 T	GTGCGCAATGTGCCCTG
ERCC1 rs3212986 G	CTGCTGCTGCTTCCGCTTCTT
ERCC1 rs3212986 T	GCTGCTGCTTCTTCCGCTTCTT
GSTP1 rs1695 A	CTGCAAATACATCTCCCTCAT
GSTP1 rs1695 G	TGCAAATACGTCTCCCTCA
MTHFR rs1801133 T	TGCGGGAGTCGATTTCA
MTHFR rs1801133 C	TGCGGGAGCCGATTTTCAT
TYMS rs11280056 Del	GTGGTTATGAACTTTATAGTTGTTT
TYMS rs11280056 Non-Del	GTGGTTATGAACTTTAAAGTTATAG
UGT1A1 rs3064744 T5	GCCATATATATATATAAG
UGT1A1 rs3064744T6	GCCATATATATATATATAAG
UGT1A1 rs3064744 T7	GCCATATATATATATATATAAG
UGT1A1 rs3064744 T8	GCCATATATATATATATATAAG
XPC rs2228001 A	TTCCCATTTGAGAAGCTGTGAG
XPC rs2228001 C	TTCCCATTTGAGCAGCTGTGA

* All hybridization probes contained 3'-Amino-Modifier C6 CPG 500 for copolymerization with microarray hydrogel components. For details, see the text.