

Supplementary Table 1: List of TaqMan® Gene Expression Assays for RT-qPCR

Gene	Assay ID	Amplicon length	NCBI Reference Sequence
<i>SLCO1A2</i>	Hs00245360_m1	57	NM_134431.2
<i>SLCO1B1</i>	Hs00272374_m1	77	NM_006446.3
<i>SLCO1B3*</i>	Hs00251986_m1	69	NM_019844.3
<i>SLCO1C1</i>	Hs00213714_m1	92	NM_017435.3
<i>SLCO2A1</i>	Hs00194554_m1	87	NM_005630.1
<i>SLCO2B1</i>	Hs00200670_m1	113	NM_007256.2
<i>SLCO3A1</i>	Hs00203184_m1	89	NM_013272.2
<i>SLCO4A1</i>	Hs00249583_m1	80	NM_016354.3
<i>SLCO4C1</i>	Hs00698884_m1	77	NM_180991.4
<i>SLCO5A1</i>	Hs00229597_m1	60	NM_030958.1
<i>SLCO6A1</i>	Hs00542846_m1	63	NM_173488.3
<i>SLCO1B7</i>	Hs00991170_m1	87	NM_001009562.4
<i>ABCA1</i>	Hs01059118_m1	61	NM_005502.3.
<i>ABCB1</i>	Hs00184500_m1	67	NM_000927
<i>ABCB2</i>	Hs00388677_m1	60	NM_000593.5
<i>ABCB3</i>	Hs00241060_m1	66	NM_000544.3
<i>ABCC2</i>	Hs00166123_m1	75	NM_000392.3
<i>ABCC3</i>	Hs00978473_m1	57	NM_001144070.1 (2 transcript variants)
<i>ABCC4</i>	Hs00988717_m1	63	NM_001105515.1
<i>ABCC10</i>	Hs00375701_m1	71	NM_001198934.1
<i>ESR1</i>	Hs00174860_m1	62	NM_000125.3 (4 transcript variants)
<i>ESR2</i>	Hs00230957_m	163	NM_001040275.1 (6 transcript variants)
<i>PXR/NR1I2</i>	Hs01114267_m1	103	NM_033013.2; (3 transcript variants)
<i>HER-2 (ERBB2)</i>	Hs01001580_m1	60	NM_001005862.2 NM_001289936.1 NM_001289937.1 NM_001289938.1 NM_004448. (5 Ref Sequences)
<i>PTGS2</i>	Hs00153133_m1	75	NM_000963
<i>HPDG</i>	Hs00960586_g1	58	NM_000860.5 (5 transcript variants)
<i>SULT1E1</i>	Hs00960941_m1	137	NM_005420.2

Assays were purchased from Applied Biosystems (Thermo Fisher, Waltham, MA) for RT-qPCR.

For accurate normalization of mRNA between ovarian cancer tissue specimens we determined *ACTB* (PN 4326315E, Genbank Acc. No. NM_001101.2), *TOP1* (Genbank Acc. No. NM_003286), *UBC* (Genbank Acc. No. NM_021009), and *YWHAZ* (Genbank Acc. No. NM_003406) out of a panel of 12 housekeeping genes as appropriate reference genes in specimens from serous ovarian cancer (geNorm kit and geNorm software, PrimerDesign Ltd., Southampton, UK).

* Detects liver-specific *SLCO1B3* and cancer-type *SLCO1B3* variant

PTGS2: Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase), *HPDG*: Hydroxyprostaglandin dehydrogenase 15-(NAD), *SULT1E1*: Sulfotransferase family 1E, estrogen-preferring, member 1