**S1 Table:** Predesigned TaqMan© assays used with the BioMark HD system (Fluidigm). All assays were purchased from Life Technologies, Carlsbad, CA, USA.

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| **Gene symbol** | **Cat.-number** |
| *ABCB1* | Hs01067802\_m1 |
| *ABCC2* | Hs00166123\_m1 |
| *ABCG2* | Hs00184979\_m1 |
| *ACOX1* | Hs01074241\_m1 |
| *ADH1A* | Hs00605167\_g1 |
| *AHR* | Hs00169233\_m1 |
| *ALAS1* | Hs00167441\_m1 |
| *ALDH2* | Hs00355914\_m1 |
| *ARNT* | Hs01121918\_m1 |
| *CCL2* | Hs00234140\_m1 |
| *CEBPA* | Hs00269971\_s1 |
| *CEBPB* | Hs00153133\_m1 |
| *CEBPD* | Hs00270931\_s1 |
| *CPT1A* | Hs00912671\_m1 |
| *CREBBP* | Hs00231733\_m1 |
| *CRP* | Hs00265044\_m1 |
| *CYP1A1* | Hs00153120\_m1 |
| *CYP1A2* | Hs01070374\_m1 |
| *CYP2A6* | Hs00868409\_s1 |
| *CYP2B6* | Hs03044634\_m1 |
| *CYP2C19* | Hs00426380\_m1 |
| *CYP2C8* | Hs00258314\_m1 |
| *CYP2C9* | Hs00426397\_m1 |
| *CYP2D6* | Hs00164385\_m1 |
| *CYP2E1* | Hs00559367\_m1 |
| *CYP3A4* | Hs00430021\_m1 |
| *CYP3A5* | Hs01070905\_m1 |
| *CYP3A7* | Hs00426361\_m1 |
| *CYP7A1* | Hs00167982\_m1 |
| *DPYD* | Hs00559279\_m1 |
| *ELK1* | Hs00901847\_m1 |
| *FABP1* | Hs00155026\_m1 |
| *FDFT1* | Hs00926054\_m1 |
| *FOS* | Hs00170630\_m1 |
| *FOXO1* | Hs00231106\_m1 |
| *G6PC* | Hs00609178\_m1 |
| *GAPDH* | Hs99999905\_m1 |
| *GSTA2* | Hs00747232\_m1 |
| *GSTM1* | Hs01683722\_gH |
| *GSTP1* | Hs00168310\_m1 |
| *HK2* | Hs00606086\_m1 |
| *HMGCR* | Hs00168352\_m1 |
| *HMGCS2* | Hs00985427\_m1 |
| *HMOX1* | Hs00157965\_m1 |
| *HNF1A*  | Hs00167041\_m1 |
| *HNF4A* | Hs01023298\_m1 |
| *INSIG1* | Hs01650977\_g1 |
| *INSIG2*  | Hs00379223\_m1 |
| *JUN* | Hs00277190\_s1 |
| *NAT1* | Hs00265080\_s1 |
| *NAT2* | Hs00605099\_m1 |
| *NCOA1* | Hs00186661\_m1 |
| *NCOA2* | Hs06197990\_m1 |
| *NCOA3* | Hs01105248\_m1 |
| *NFKB1* | Hs00765730\_m1 |
| *NFKBIA* | Hs00153284\_m1 |
| *NR0B2* | Hs00222677\_m1 |
| *NR1H3* | Hs00172885\_m1 |
| *NR1H4* | Hs00231968\_m1 |
| *NR1I2* | Hs00243666\_m1 |
| *NR1I3* | Hs00901571\_m1 |
| *NR2F1* | Hs00818842\_m1 |
| *NR2F2* | Hs01047078\_m1 |
| *NR3C1* | Hs00230818\_m1 |
| *PCK1* | Hs00159918\_m1 |
| *PDK4* | Hs01037712\_m1 |
| *POR* | Hs00287016\_m1 |
| *PPARA* | Hs00231882\_m1 |
| *PPARG* | Hs01115513\_m1 |
| *RXRA* | Hs00172565\_m1 |
| *SAA1/SAA2* | Hs00761949\_s1 |
| *SCD* | Hs01682761\_m1 |
| *SLC10A1* | Hs00161820\_m1 |
| *SLC22A7* | Hs00198527\_m1 |
| *SLCO1B1* | Hs00272374\_m1 |
| *SOCS3* | Hs02330328\_s1 |
| *SOD2* | Hs00167309\_m1 |
| *SREBF1* | Hs00231674\_m1 |
| *SREBF2*  | Hs00190237\_m1 |
| *STAT3* | Hs00374280\_m1 |
| *SULT1A1* | Hs00738644\_m1 |
| *SULT1B1* | Hs00234899\_m1 |
| *TNFA* | Hs00174128\_m1 |
| *TPMT* | Hs00909011\_m1 |
| *UGT1A1* | Hs02511055\_s1 |
| *UGT2B7* | Hs00426591\_m1 |
| *VDR* | Hs01045840\_m1 |
| *VEGFA* | Hs00900055\_m1 |