

<i>Functions</i>	<i>Gene Symbol</i>	Assay ID (RTR)	Amplicon Size (pb)	Accession ID
<i>Hepatic Transcription factors</i>	<i>HNF4a</i>	500286	92	ENSRNOT00000011978
	<i>CEBP</i>	503796	112	ENSRNOT00000030773
<i>Xenosensors</i>	<i>AhR</i>	503494	73	ENSRNOT00000006618
	<i>PXR - NR1I2</i>	503757	95	ENSRNOT00000003934
	<i>CAR – NRI3</i>	503790	95	ENSRNOT00000049873
	<i>FXR - NR1H4</i>	503760	92	ENSRNOT00000009910
<i>CYPs</i>	<i>CYP1A2</i>	503414	60	ENSRNOT00000058571
	<i>CYP3A2</i>	503762	82	ENSRNOT00000001291
	<i>CYP3A23/3A1</i>	502664	65	ENSRNOT00000051244
	<i>CYP7A1</i>	503785	78	ENSRNOT00000012819
	<i>CYP2B1</i>	503749	61	ENSRNOT00000047540
	<i>CYP2C6</i>	503746	96	XM_001066767
	<i>CYP2C</i>	502669	94	ENSRNOT00000017310
	<i>CYP2D1</i>	503742	83	ENSRNOT00000050002
	<i>CYP2D2</i>	503737	60	ENSRNOT00000012413
	<i>CYP2E1</i>	503000	61	ENSRNOT00000016883
<i>Phase II Enzymes</i>	<i>GSTA2</i>	502674	78	ENSRNOT00000044944
	<i>SULT1A1</i>	503770	76	ENSRNOT00000026186
	<i>UGT1A6</i>	503773	96	NM_001039691
<i>ABC transporters</i>	<i>Pgp - ABCB1b</i>	502651	69	ENSRNOT00000037712
	<i>MRP2- ABCC2</i>	503769	64	NM_012833
<i>Oxidative stress - Inflammation</i>	<i>HMOX1</i>	502648	71	ENSRNOT00000019192
<i>Oxidative stress</i>	<i>NQO1</i>	502688	77	ENSRNOT00000017174

Table 1: List of 23 target genes studied using the RealTime ready probes from Roche.