

SNP genotyping protocol and TaqMan® SNP genotyping assays

Genotyping was performed by real-time PCR based allelic discrimination assay on a DNA Engine Chromo4 system (Bio-Rad Laboratories, Inc., Hercules, CA, USA). The PCR protocol involved an initial denaturation step at 95°C for 15 min, followed by 50 cycles of amplification at 95°C for 15 s and final annealing at 60°C for 1 min. TaqMan® Genotyping Master Mix and assays for the following SNPs were obtained from Life Technologies Ltd (Paisley, Renfrewshire, UK).

Gene and SNP	Reference SNP ID	Product ID (Life Technologies)
<i>CYP2B6</i> 516G>T	rs3745274	C_7817765_60
<i>CYP2B6</i> 983T>C	rs28399499	C_60732328_20
<i>CYP2B6</i> c.485-18C>T	rs4803419	C_7817764_10
<i>NR1I3</i> c.540C>T	rs2307424	C_25746794_20
<i>NR1I3</i> c.152-1089T>C	rs3003596	C_16194070_10
<i>ABCB1</i> 4046A>G	rs1045642	C_7586657_20
<i>ABCB1</i> 4036A>G	rs3842	C_11711730_20
<i>ABCB1</i> 1236C>T	rs1128503	C_7586662_10
<i>CYP2A6</i> 48T>G	rs28399433	C_30634332_10
<i>ABCB5</i> c.2908G>A	rs6461515	C_25621077_20
<i>ABCG2</i> c.1728-46G>A	rs2231164	C_15922479_10
<i>ABCG2</i> 78551A>G	rs2622604	C_9510352_10

Opticon Monitor® version 3.1 (Bio-Rad Laboratories, Inc., Hercules, CA, USA) was used to obtain allelic discrimination plots and make allele calls.