

Online Resource 3

Detected SNPs in Genes involved in Doxorubicin metabolism and transport

| Gene | Polymorphism | Wild Type | Hetero- zygous | Homo- zygous | missing |
|-----------------|---------------------------------------|------------------|---------------------------|-------------------------|----------------|
| NQO1 | C609T - rs1800566 | 58 | 35 | 4 | 1 |
| | rs1143684 | 57 | 33 | 7 | 1 |
| | insertion/deletion | 78 | 14 | 0 | 6 |
| ABCB1 | rs1128503 | 32 | 46 | 18 | 2 |
| | rs2032582 | 31 | 46 | 17 | 4 |
| | rs1045642 | 27 | 43 | 26 | 2 |
| SLC22A16 | rs723685 | 73 | 22 | 1 | 2 |
| | rs12210538 | 53 | 35 | 8 | 2 |
| | rs714368 | 55 | 36 | 5 | 2 |
| | rs6907567 | 55 | 36 | 5 | 2 |
| CBR1 | rs9024 | 81 | 16 | 1 | 0 |
| CBR3 | rs8133052 | 18 | 58 | 19 | 3 |
| | rs1056892 | 44 | 44 | 10 | 0 |
| ABCC1 | rs4148350 | 87 | 10 | 0 | 1 |
| | rs246221 | 43 | 44 | 10 | 1 |
| SLC28A3 | rs7853758 | 72 | 22 | 2 | 2 |
| UGT2B7 | hCV32449742- C_32449742_20 | 19 | 42 | 35 | 2 |