## Top 20 differentiated ADME SNPs within SL populations

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SNP | Gene | Maj/Min | MAF | | | FST | | | | | PharmGKB CA drugs  (evidence level) |
| Sin | Tam | Moors | | Sin-Tam | Sin-Moors | Tam-Moors | All SL |
| rs10218 | *SLC13A3* | C/A | 0.469 | 0.324 | 0.230 | | 0.022 | 0.063 | 0.011 | 0.043 |  |
| rs876430 | *ERCC5* | G/A | 0.327 | 0.132 | 0.309 | | 0.054 | 3.46E-04 | 0.046 | 0.041 |  |
| rs1059510 | *HLA-E* | G/A | 0.102 | 0.097 | 0.250 | | 6.47E-05 | 0.038 | 0.041 | 0.039 |  |
| rs4147779 | *ALDH3B1* | A/G | 0.122 | 0.319 | 0.276 | | 0.056 | 0.037 | 0.002 | 0.039 |  |
| rs4816 | *PCMT1* | G/A | 0.592 | 0.354 | 0.467 | | 0.057 | 0.016 | 0.013 | 0.038 |  |
| rs2301159 | *SLC10A2* | G/A | 0.092 | 0.264 | 0.237 | | 0.051 | 0.038 | 0.001 | 0.036 | docetaxel, thalidomide (3) |
| rs2076484 | *UBD* | A/G | 0.276 | 0.132 | 0.118 | | 0.032 | 0.039 | 4.17E-04 | 0.035 |  |
| rs2076486 | *UBD* | A/G | 0.276 | 0.132 | 0.118 | | 0.032 | 0.039 | 4.17E-04 | 0.035 |  |
| rs183965 | *SLC10A2* | A/G | 0.153 | 0.347 | 0.276 | | 0.050 | 0.023 | 0.006 | 0.034 |  |
| rs10782976 | *ABCA4* | G/A | 0.500 | 0.347 | 0.289 | | 0.024 | 0.046 | 0.004 | 0.034 |  |
| rs3212986 | *ERCC1* | C/A | 0.306 | 0.181 | 0.382 | | 0.021 | 0.006 | 0.050 | 0.033 | cisplatin, Platinum compounds (2B) |
| rs182195 | *SLC10A2* | G/A | 0.306 | 0.181 | 0.382 | | 0.021 | 0.006 | 0.050 | 0.033 |  |
| rs1864384 | *PGCP* | A/C | 0.306 | 0.181 | 0.382 | | 0.021 | 0.006 | 0.050 | 0.033 |  |
| rs9524858 | *ABCC4* | A/G | 0.133 | 0.319 | 0.250 | | 0.050 | 0.022 | 0.006 | 0.033 |  |
| rs2203494 | *SLCO1B3/1C1* | G/A | 0.163 | 0.347 | 0.322 | | 0.045 | 0.034 | 0.001 | 0.033 |  |
| rs2375965 | *ACO1* | G/A | 0.245 | 0.146 | 0.086 | | 0.016 | 0.046 | 0.009 | 0.032 |  |
| rs3779647 | *GSR* | G/A | 0.133 | 0.035 | 0.039 | | 0.031 | 0.028 | 1.58E-04 | 0.032 |  |
| rs16889440 | *ALDH5A1* | G/A | 0.133 | 0.035 | 0.039 | | 0.031 | 0.028 | 1.58E-04 | 0.032 |  |
| rs4129395 | *SLC31A1\_FKBP15* | G/A | 0.571 | 0.375 | 0.395 | | 0.039 | 0.031 | 4.11E-04 | 0.032 |  |
| rs8131660 | *ABCG1* | G/A | 0.286 | 0.125 | 0.158 | | 0.040 | 0.024 | 0.002 | 0.031 |  |

Maj: major allele, min: minor allele, MAF: minor allele frequency, CA: clinical annotation, Sin: Sinhalese, Tam: Tamils, SL: Sri Lanka