



myGenome PGx Gene List

Pharmacogenomics (PGx) refers to the interaction between an individual's genetic makeup and certain medications. Specific genetic variations may influence the production of enzymes needed to metabolize these drugs. With this information, your physician can tailor a current or future medication to your personal genetic map. This knowledge allows for the selection of the right drug, appropriate dosing, and minimizing the risk for adverse reactions.

The following list represents the genes and associated SNPs/haplotypes that are included in the myGenome PGx analysis.

GENE	rsID (SNP) or Haplotype
ABCB1	rs2032582, rs1045642
ADRB2	rs1042713
ANKK1	rs1800497
APOE	rs7412
COMT	rs4680
CYP2B6	rs3745274, rs2279343, rs2279345, rs28399499
CYP2C19	*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *13, *15, *16, *17, *18, *19, *22, *24, *25, *26, *28
CYP2C8	rs10509681
CYP2C9	*1, *2, *3, *4, *5, *6, *8, *9, *11, *12, *13, *15, *25, *31
CYP3A4	rs2740574
CYP3A5	rs776746
CYP4F2	rs2108622
DPYD	*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12, *13, rs67376798
DRD2	rs1799978
F5	rs6025
G6PD	rs1050828
GSTP1	rs1695
HMGCR	rs17244841
NAT2	*4, *5, *6, *7, *12, *13
NUDT15	rs116855232
SLCO1B1	rs11045879, rs4149056, rs4149015
TPMT	*1, *1S, *2, *3A, *3B, *3C, *4, *5, *6, *8, *9, *10, *11, *12, *13, *16, *17, *18
TYMS	rs151264360
UGT1A1	*1, *28, *36, *37
VKORC1	rs9923231
XPC	rs2228001

Please note that based on recent FDA guidelines, we are no longer able to include specific medication names on your report.