



Genetic variants and drug responses

Abacavir Therapy and *HLA-B*57:01* Genotype

Allopurinol Therapy and *HLA-B*58:01* Genotype

Amitriptyline Therapy and *CYP2D6* and *CYP2C19* Genotype

Aripiprazole Therapy and *CYP2D6* Genotype

Atomoxetine Therapy and *CYP2D6* Genotype

Azathioprine Therapy and *TPMT* Genotype

Brivaracetam Therapy and *CYP2C19* Genotype

Capecitabine Therapy and *DPYD* Genotype

Carbamazepine Therapy and *HLA* Genotype

Carisoprodol Therapy and *CYP2C19* Genotype

Carvedilol Therapy and *CYP2D6* Genotype

Celecoxib Therapy and *CYP2C9* Genotype

Clobazam Therapy and *CYP2C19* Genotype

Clopidogrel Therapy and *CYP2C19* Genotype

Clozapine Therapy and *CYP2D6*, *CYP1A2*, and *CYP3A4* Genotypes

Codeine Therapy and *CYP2D6* Genotype

Dabrafenib Therapy and *BRAF* and *G6PD* Genotype

Deutetrabenazine Therapy and *CYP2D6* Genotype

Diazepam Therapy and *CYP2C19* Genotype

Esomeprazole Therapy and *CYP2C19* Genotype

Flibanserin Therapy and *CYP2C19* Genotype

Fluorouracil Therapy and *DPYD* Genotype

Flurbiprofen Therapy and *CYP2C9* Genotype

Gentamicin Therapy and *MT-RNR1* Genotype

Imipramine Therapy and *CYP2D6* and *CYP2C19* Genotype

Irinotecan Therapy and *UGT1A1* Genotype

Lacosamide Therapy and *CYP2C19* Genotype

Lesinurad Therapy and *CYP2C9* Genotype

Maraviroc Therapy and *CCR5* Genotype

Mercaptopurine Therapy and *TPMT* Genotype

Metoprolol Therapy and *CYP2D6* Genotype

Omeprazole Therapy and *CYP2C19* Genotype

Pertuzumab Therapy and *ERBB2 (HER2)* Genotype

Phenytoin Therapy and *HLA-B*15:02* and *CYP2C9* Genotypes

Piroxicam Therapy and *CYP2C9* Genotype

Prasugrel Therapy and *CYP* Genotype

Propafenone Therapy and *CYP2D6* Genotype

Risperidone Therapy and *CYP2D6* Genotype

Simeprevir Therapy and *IFNL3* Genotype

Sofosbuvir Therapy and *IFNL4* Genotype

Tamoxifen Therapy and *CYP2D6* Genotype

Thioguanine Therapy and *TPMT* Genotype

Thioridazine Therapy and *CYP2D6* Genotypes

Tramadol Therapy and *CYP2D6* Genotype

Trastuzumab (Herceptin) Therapy and *ERBB2 (HER2)* Genotype

Vemurafenib Therapy and *BRAF* and *NRAS* Genotype

Venlafaxine Therapy and *CYP2D6* Genotype

Voriconazole Therapy and *CYP2C19* Genotype

Warfarin Therapy and *VKORC1* and *CYP* Genotype

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