

WE PROFILE FOR 45 DRUGS / DRUG CLASSES WITH STRONG LEVEL OF EVIDENCE

THERAPY AREAS	DRUGS	GENES	BASIC TEST	ADVANCED TEST
CARDIOVASCULAR DISEASES	Warfarin	VKORC1, CYP2C9, CYP4F2	Included	Included
	Clopidogrel	CYP2C19	Included	Included
	Simvastatin	SLCO1B1	Included	Included
PAIN / INFLAMMATION	Codeine	CYP2D6	Included	Included
	Non-steroidal Anti-inflammatory Drugs (NSAIDs)	CYP2C9	Included	Included
	Ondansetron and Tropisetron	CYP2D6	Included	Included
ANESTHESIA	Anesthetic Agents	RYR1	Included	Included
	Succinylcholine	RYR1	Included	Included
INFECTIOUS DISEASES / HIV	Voriconazole	CYP2C19	Included	Included
	Abacavir	HLA-B	Not Included	Included
	Efavirenz	CYP2B6	Included	Included
	Atazanavir	UGT1A1	Included	Included
NEUROLOGY	Phenytoin	CYP2C9, HLA-B	CYP2C9 Included HLA-B - Not Included	CYP2C9, HLA-B - Included
	Carbamazepine Oxcarbazepine	HLA-A, HLA-B HLA-B	Not Included Not Included	Included Included
ONCOLOGY	Fluoropyrimidines (5- FU, capecitabine)	DPYD	Included	Included
	Thiopurines (azathioprine, mercaptopurine, thioguanine)	NUDT15, TPMT	Included	Included
	Tamoxifen	CYP2D6	Included	Included
	Irinotecan	UGT1A1	Included	Included
	Interferon	IFNL3	Included	Included
PSYCHIATRY	Atomoxetine	CYP2D6	Included	Included
	Selective Serotonin Reuptake Inhibitors (citalopram, escitalopram, fluvoxamine, paroxetine, sertraline)	CYP2D6, CYP2C19	Included	Included
	Tricyclic Antidepressants (amitriptyline, clomipramine, desipramine, doxepin, imipramine, nortriptyline, trimipramine)	CYP2D6, CYP2C19	Included	Included

THERAPY AREAS	DRUGS	GENES	BASIC TEST	ADVANCED TEST
PULMONARY	Ivacaftor	CFTR	Not Included	Included
TRANSPLANT	Tacrolimus	CYP3A5	Included	Included
OTHERS	Allopurinol	HLA-B	Not Included	Included
	Rasburicase	G6PD	Included	Included
GASTROENTERO LOGICAL DISORDERS	Proton Pump Inhibitors (omeprazole, lansoprazole, pantoprazole, and dexlansoprazole)	CYP2C19	Included	Included

