

# Genomic Clinical Report

PATIENT NAME	ID
Wenliang Wang	A1234567
SEX	DATE OF BIRTH
Male	25/05/1999

This is a sample report

Welcome John Doe

You are 25 years old.

Symbol	Genotype	Phenotype	Drugs
ABCG2	rs2231142 reference (G)/rs2231142 variant (T)	Decreased Function	Rosuvastatin
CACNA1S	No CPIC variants found	Uncertain Susceptibility	Desflurane, Enflurane, Halothane, Isoflurane, Methoxyflurane, Sevoflurane, Succinylcholine
CFTR	No CPIC variants found	ivacaftor non- responsive in CF patients	Ivacaftor
CYP2B6	*9/*9	Poor Metabolizer	Efavirenz, Sertraline
CYP2C19	*38/*38	Normal Metabolizer	Amitriptyline, Citalopram, Clomipramine, Clopidogrel, Dexlansoprazole, Doxepin, Escitalopram, Imipramine, Lansoprazole, Omeprazole, Pantoprazole, Sertraline, Trimipramine, Voriconazole
CYP2C9	*3/*3	Poor Metabolizer	Celecoxib, Flurbiprofen, Fluvastatin, Ibuprofen, Lornoxicam, Meloxicam, Piroxicam, Tenoxicam, Warfarin
CYP2D6	*1/*1	Normal Metabolizer	Amitriptyline, Atomoxetine, Clomipramine, Codeine, Desipramine, Doxepin, Fluvoxamine, Hydrocodone, Imipramine, Nortriptyline, Ondansetron, Paroxetine, Tamoxifen, Tramadol, Trimipramine, Tropicsetron, Venlafaxine, Vortioxetine
CYP3A5	*3/*3	Poor Metabolizer	Tacrolimus
CYP4F2	*1/*4	nan	Warfarin
DPYD	c.1627A>G (*5)/c.1627A>G (*5)	Normal Metabolizer	Capecitabine, Fluorouracil
G6PD	B (reference)/B (reference)	Normal	Aminosalicic Acid, Aspirin, Chloramphenicol, Chloroquine, Ciprofloxacin, Dapsone, Dimercaprol, Doxorubicin, Furazolidone, Glyburide, Hydroxychloroquine, Mafenide, Methylene Blue, Nalidixic Acid, Nitrofurantoin, Norfloxacin, Ofloxacin, Pegloticase, Phenazopyridine, Primaquine, Quinine, Rasburicase, Sulfadiazine, Sulfadimidine, Sulfamethoxazole / Trimethoprim, Sulfanilamide, Sulfasalazine, Sulfisoxazole, Tafenoquine, Tolbutamide, Toluidine Blue, Vitamin C, Vitamin K
IFNL3	rs12979860 reference (C)/rs12979860 reference (C)	nan	Peginterferon Alfa-2a, Peginterferon Alfa-2b
NUDT15	*1/*1	Normal Metabolizer	Azathioprine, Mercaptopurine, Thioguanine

<b>RYR1</b>	No CPIC variants found	Uncertain Susceptibility	Desflurane, Enflurane, Halothane, Isoflurane, Methoxyflurane, Sevoflurane, Succinylcholine
<b>SLCO1B1</b>	*37/*37	Normal Function	Atorvastatin, Fluvastatin, Lovastatin, Pitavastatin, Pravastatin, Rosuvastatin, Simvastatin
<b>TPMT</b>	*1/*1	Normal Metabolizer	Azathioprine, Mercaptopurine, Thioguanine
<b>UGT1A1</b>	*1/*6	Intermediate Metabolizer	Atazanavir
<b>VKORC1</b>	rs9923231 variant (T)/rs9923231 variant (T)	nan	Warfarin