

# Pharmacogenetic Testing

The pharmacogenetic testing panel at Sanford Health includes medications with CPIC guidelines involving the genes and drug classes listed below



<b>CLASS</b>	<b>GENES</b>
Anticoagulants	CYP2C9,VKORC1
Antidepressants	CYP2C19,CYP2D6
Antiemetics	CYP2D6
Antifungal	CYP2C19
Antiplatelets	CYP2C19
Fluoropyrimidines	DPYD
Immunosuppressants	CYP3A5
Opioid	CYP2D6
Statin	SLCO1B1
Thiopurines	TPMT