



Genotyping Services

Genotyping Assays

Gene	CNS	Drug Metabolism	Oncology	Immunology/Hematology
ABAT	✓			
ABCB1	✓	✓	✓	
ABCB11		✓		
ABCC2	✓	✓	✓	✓
ADRA2B				✓
AOX1	✓	✓		
APOE	✓			
ATM	✓		✓	✓
ATR	✓		✓	✓
CCR5				✓
CD86			✓	✓
CDA		✓	✓	
CHEK1			✓	
CHEK2			✓	
CHRFAM7A	✓			
CHRNA7	✓			
CRHR1	✓			✓
CTLA4			✓	✓
CYP17A1		✓		
CYP2A6		✓	✓	
CYP2B6	✓	✓	✓	✓
CYP2C19	✓	✓	✓	✓
CYP2C8	✓	✓	✓	
CYP2C9		✓		✓
CYP2D6	✓	✓	✓	
CYP3A4	✓	✓	✓	✓
CYP3A5	✓	✓	✓	✓
DPD		✓	✓	
DRD2	✓			
ERCC1			✓	
ERCC2			✓	
Factor V F5				✓
Factor XIII FXIII				✓
FCGR2A			✓	
FCGR2B			✓	
FCGR3A			✓	
Fibrinogen				✓
GABRR1	✓			
GABRR2	✓			

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Gene	CNS	Drug Metabolism	Oncology	Immunology/Hematology
GRIP2	✓			
GST		✓	✓	
HLA-A				✓
HLA-B				✓
HTR2A	✓			
HTR2C	✓			
IL28B				✓
IL4RA				✓
intergenic between GABRR1 and GABRR2	✓			
ITIH2				✓
ITPA			✓	✓
MC4R	✓			
MTHFR			✓	
NAT1	✓	✓	✓	
NAT2	✓	✓	✓	
NR1I2		✓		
NR1I3		✓		
NRG1	✓			
OPRT-213/UMPS-213			✓	
PM20D2	✓	✓		
PON1	✓		✓	✓
Prothrombin				✓
SLC36A1	✓			
SLC6A1	✓			
SLC6A11	✓			
SLC6A13	✓	✓		
SLC6A6	✓	✓		
SLCO1B1	✓	✓		
SLCO1B3	✓	✓		
TMEM186	✓	✓		
TS			✓	
UGT1A1		✓	✓	
UGT1A4		✓	✓	
UGT2B7	✓	✓		
VEGFR1			✓	
VKORC1				✓
XRCC1			✓	

*Custom Assay Design is available upon request at CGI.

CGI Laboratory Licensure

CAP (Laboratory #: 7191582 AU-ID: 1434060 (NJ); 8033768 AU-ID: 1636028 (NC); 7209131 AU-ID: 1506668 (CA)), CLIA (Certificate #: 31D1038733 (NJ); 34D1009209 (NC); 05D1066073 (CA)), New Jersey (CLIS ID #: 0002299), New York State (PFI: 8192), Pennsylvania (031978), Florida (800018142), Maryland (1395), California (COS00800558) (CA)

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