

RESPONSEcomp™
 Includes RESPONSEpain™, RESPONSEcardio™, RESPONSEpsych/ADHD™, RESPONSEcancer™.

PANEL	GENE	TEST CODE	PANEL	GENE	TEST CODE
RESPONSEpain™	COMT	G014	RESPONSEpsych/ADHD™	ANKK1	G019
	CYP1A2	G017		COMT	G014
	CYP2B6	G011		MTHFR	G009
	CYP2C9	G001		CYP1A2	G017
	CYP2C19	G002		CYP2C9	G001
	CYP2D6	G003		CYP2C19	G002
	CYP3A4	G004		CYP2D6	G003
	CYP3A5	G005		CYP3A4	G004
RESPONSEcardio™	APOE	G016	CYP3A5	G005	
	Factor II	G040	DPYD	G020	
	Factor V Leiden	G041	TPMT	G022	
	MTHFR	G009	MTHFR	G009	
	SLCO1B1	G042	CYP2B6	G011	
	CYP2C9	G001	CYP2C8	G021	
	VKORC1	G010	CYP2C9	G001	
	CYP1A2	G017	CYP2D6	G003	
	CYP2C19	G002	CYP3A4	G004	
	CYP2D6	G003	CYP3A5	G005	
	CYP3A4	G040			
	CYP3A5	G005			

GENE	ALLELIC VARIANTS DETECTED
ANKK1/DRD2	DRD2:Taq1A
Apolipoprotein E	ε2, ε4
COMT	Val158Met
CYP1A2	*1C, *1D, *1F, *1K, *1L, *1V, *1W
CYP2B6	*6, *9
CYP2C19	*2, *3, *4, *4B, *6, *7, *8, *9, *10, *17
CYP2C8	*2, *3, *4, *5, *7, *8
CYP2C9	*2, *3, *4, *5, *6, *8, *11, *27
CYP2D6	*2, *3, *6, *7, *8, *9, *10, *14A, *14B, *17, *29, *35, *41, *5 (gene deletion), XN (gene duplication)
CYP3A4	*1B, *3, *12, *17, *22
CYP3A5	*2, *3, *3C, *6, *8, *9
DPYD	*2A, *2B, rs115232898 G, *8, *9A, *9B, *10, *11, rs67376798 A, *13 20210G>A
Factor II	20210G>A
Factor V Leiden	1691G>A
MTHFR	677C>T, 1298A>C
OPRM1	A118G
SLCO1B1	521T>C, 388A>G
TPMT	*2, *3A, *3B, *4, *8
UGT2B15	*2
VKORC1	-1639G>A

Note: Pharmacogenomics testing has not been fully validated in patients under 18 at this time. Use of PGx testing in children is at the sole discretion of the ordering provider.