



INVITAE

Multi-Cancer Panel: Genes and
Associated Cancers by System

Invitae Multi-Cancer Panel: Genes and Associated Cancers by System

The 80 genes included on the multi-cancer panel and associated cancers by system.

GENES	BREAST & GYN	ENDOCRINE	GASTROINTESTINAL	GENITOURINARY	HEMATOLOGIC	NERVOUS SYSTEM/BRAIN	SARCOMA	SKIN
ALK						■		
APC		■	■			■	■	
ATM	■		■		■			
AXIN2			■					
BAP1				■				■
BARD1	■							
BLM					■		■	
BMPR1A			■					
BRCA1	■		■	■				
BRCA2	■		■	■				■
BRIP1	■							
CASR		■						
CDC73		■		■				
CDH1	■		■					
CDK4								■
CDKN1B		■						
CDKN1C				■			■	
CDKN2A			■					■
CEBPA					■			
CHEK2	■	■	■	■				
DICER1	■	■		■		■	■	
DIS3L2				■				
EGFR*								
EPCAM	■		■	■	■	■	■	
FH				■			■	
FLCN				■				
GATA2					■			
GPC3				■				
GREM1			■					
HOXB13				■				
HRAS					■	■	■	
KIT			■				■	
MAX		■						
MEN1		■	■			■		
MET				■				
MITF								■
MLH1	■		■	■	■	■	■	
MSH2	■		■	■	■	■	■	
MSH6	■		■	■	■	■	■	
MUTYH			■					
NBN	■			■	■		■	
NF1	■	■	■		■	■	■	
NF2						■		
PALB2	■		■					
PDGFRA			■				■	
PHOX2B						■		
PMS2	■		■	■	■	■	■	
POLD1			■					
POLE			■					
POT1								■
PRKAR1A		■				■	■	
PTCH1						■	■	■
PTEN	■	■	■	■		■		■
RAD50	■							
RAD51C	■							
RAD51D	■							
RB1							■	■
RECQL4							■	
RET		■						
RUNX1					■			
SDHA		■	■				■	
SDHAF2		■						
SDHB		■	■	■			■	
SDHC		■	■	■			■	
SDHD		■	■				■	
SMAD4			■					
SMARCA4	■					■		
SMARCB1						■		
SMARCE1						■		
STK11	■		■					
SUFU						■	■	■
TERC					■			
TERT					■			
TMEM127		■						
TP53	■	■	■	■	■	■	■	■
TSC1			■	■		■		
TSC2			■	■		■		
VHL		■	■	■		■		
WRN							■	
WT1				■				

*The c.2369C>T (p.Thr790Met) variant in the EGFR gene is associated with hereditary lung cancer.

ABOUT INVITAE

Invitae's mission is to bring comprehensive genetic information into mainstream medical practice to improve the quality of healthcare for everyone. Our goal is to aggregate most of the world's genetic tests into a single service with higher quality, faster turnaround time, and lower price than many single-gene tests today.

For more information about Invitae's genetic tests, please visit www.invitae.com.

