

Myriad myRisk® Hereditary Cancer 35 Gene Panel

GENES	BREAST	OVARIAN	COLORECTAL	UTERINE	MELANOMA	GASTRIC	PANCREATIC	PROSTATE	OTHER
BRCA1	●	●					●	●	
BRCA2	●	●			●		●	●	
MLH1, MSH2, MSH6, PMS2, EPCAM		●	●	●		●	●	●	●
APC			●			●	●		●
MUTYH Biallelic			●						●
MUTYH Monoallelic			●						
NTHL1 Biallelic	●		●						
MSH3 Biallelic			●						
CDK4, CDKN2A (p16INK4a), (p14ARF)					●		●		
TP53	●	●	●	●	●	●	●	●	●
PTEN	●		●	●	●				●
STK11	●	●	●	●		●	●		●
CDH1	●		●			●			
BMPR1A, SMAD4			●			●	●		●
PALB2	●	●					●		
ATM	●						●		
NBN	●							●	
CHEK2	●		●						
BARD1	●								
BRIP1, RAD51C, RAD51D		●							
POLD1, POLE, GREM1, AXIN2, RNF43, GALNTI2, RPS20			●						
HOXB13								●	

RED FLAGS

PERSONAL HISTORY OF:

- Breast cancer at any age
- Ovarian cancer at any age
- Metastatic prostate cancer at any age
- Pancreatic cancer at any age
- Colon, rectal or uterine/endometrial cancer at age 64 or younger

FAMILY HISTORY OF:

- Breast cancer at age 49 or younger
- Two breast cancers in one relative at any age
- Three or more breast cancers in relatives on the same side of the family at any age
- Colon, rectal or uterine/endometrial cancer at age 49 or younger (1st degree relative)
- Ovarian, metastatic prostate, pancreatic cancer, or male breast cancer at any age
- A gene mutation found in a family member
- Ashkenazi Jewish ancestry with breast cancer in one relative at any age