

Panel	Gene	Breast	Ovarian	Endometrial	Colorectal	Melanoma	Pancreatic	Gastric	Prostate	Renal	Other
BRCA1 & BRCA2	BRCA1	●	●				●		●		
	BRCA2	●	●			●	●		●		
Lynch syndrome	MLH1	●	●	●	●		●	●			●
	MSH2		●	●	●		●	●	●		●
	MSH6		●	●	●		●	●			●
	PMS2		●	●	●						●
	EPCAM		●	●	●	●			●	●	●
Gyn guidelines-based panel (19 genes)	ATM	●	●				●				
	BRIP1	●	●								
	CDH1	●			●			●			
	CHEK2	●			●						
	NBN		●								
	NF1	●									●
	PALB2	●	●				●				
	PTEN	●		●	●	●	●			●	●
	RAD51C	●	●								
	RAD51D	●	●								
	STK11	●	●	●	●		●	●	●		●
	TP53	●				●	●	●	●		●
	APC					●		●	●		●
	AXIN2					●					
	BAP1						●			●	●
	BARD1	●									
	BMPR1A					●		●	●		●
	CDK4						●				
	CDKN2A (p16INK4a)						●	●			
Multi-cancer panel (40 genes)	GALNT12*										
	GREM1				●						
	HOXB13								●		
	MEN1						●	●			●
	MITF (E318K)					●				●	
	MSH3 biallelic				●						
	MUTYH biallelic				●						●
	NTHL1 biallelic				●						
	POLD1				●						
	POLE				●						
	RNF43*				●						
	RPS20*				●						
	SMAD4				●		●	●			●
	VHL							●		●	●
	AIP				●						
	ALK										●
	CDC73			●						●	●
	CDKN1B										●
	CDKN1C									●	●
	CEBPA										●
CYLD										●	
DDX41										●	
DICER1		●								●	
EGFR (T790M)										●	
EXT1										●	
EXT2										●	
FH									●	●	
Comprehensive panel (81 genes)											

*This gene is not included in the Empower™ Comprehensive Panel.

Panel	Gene	Breast	Ovarian	Endometrial	Colorectal	Melanoma	Pancreatic	Gastric	Prostate	Renal	Other
Comprehensive panel (81 genes)	FLCN				●	●				●	
	GATA2										●
	KIT										●
	LZTR1 monoallelic										●
	LZTR1 biallelic										●
	MAX										●
	MET									●	
	NF2										●
	PDGFRA										●
	PHOX2B										●
	POT1						●				●
	PRKAR1A										●
	PTCH1										●
	RB1										●
	RET										●
	RHBDF2										●
	RUNX1										●
	SDHA										●
	SDHAF2										●
	SDHB										●
	SDHC										●
	SDHD										●
	SMARCA4		●								
	SMARCB1										●
	SMARCE1										●
	SUFU										●
	TERC										●
	TERT monoallelic										●
	TERT biallelic										●
	TMEM127										●
	TSC1										●
	TSC2										●
	WT1										●

*This gene is not included in the Empower™ Comprehensive Panel.