

Colon	Breast	Pancreas	Ovarian	Gastric	Melanoma	Endometrial	Endocrine	Prostate	HRD	Associated Syndrome/Condition
APC		APC		APC			APC			Familial Adenomatous Polyposis
	ATM	ATM	ATM					ATM	ATM	Ataxia Telangiectasia (recessive)
								ATR	ATR	
AXIN2										Polyposis/Oligodontia
					BAP1		BAP1		BAP1	
	BARD1		BARD1						BARD1	
BLM	BLM				BLM		BLM			Bloom syndrome (recessive)
BMPR1A				BMPR1A						Juvenile Polyposis Syndrome
	BRCA1	BRCA1	BRCA1		BRCA1			BRCA1	BRCA1	Hereditary breast and ovarian cancer
	BRCA2	BRCA2	BRCA2		BRCA2			BRCA2	BRCA2	Hereditary breast and ovarian cancer; Fanconi anaemia FA-D1 (recessive)
	BRIP1		BRIP1						BRIP1	Fanconi anaemia FA-J (recessive)
	CDH1			CDH1						Hereditary diffuse gastric cancer
		CDKN2A								Familial Atypical Mole-Malignant Melanoma syndrome (FAMMM)
CHEK2	CHEK2							CHEK2	CHEK2	
EPCAM		EPCAM	EPCAM			EPCAM				Lynch Syndrome
								FAM175A	FAM175A	
									FANCA	"Fanconi anaemia FA-A (recessive)"
									FANCL	"Fanconi anaemia FA-L (recessive)"
									FANCM	"Fanconi anaemia FA-M (recessive)"
GALNT12										
								GEN1	GEN1	
								HOXB13		
							MEN1			Multiple endocrine neoplasia Type 1
					MITF		MITF			
MLH1		MLH1	MLH1			MLH1		MLH1		Lynch Syndrome / Constitutional mismatch repair deficiency (CMMRD) syndrome (recessive)
									MRE11	Ataxia-telangiectasia-like disorder (recessive)
MSH2		MSH2	MSH2			MSH2		MSH2		Lynch Syndrome
MSH3										Adenomatous Polyposis (recessive)
MSH6		MSH6				MSH6		MSH6		Lynch Syndrome
MUTYH										MUTYH-associated polyposis
	NBN								NBN	Nijmegen breakage syndrome (recessive)
	NF1	NF1		NF1			NF1			Neurofibromatosis Type 1
NTHL1										Adenomatous Polyposis (recessive)
	PALB2	PALB2	PALB2					PALB2	PALB2	Fanconi anaemia FA-N (recessive)
PMS2						PMS2		PMS2		Lynch Syndrome
POLE										Adenomatous Polyposis
POLD1										Adenomatous Polyposis
									PPP2R2A	
PTEN	PTEN				PTEN	PTEN	PTEN			Cowden
	RAD50								RAD50	Nijmegen breakage syndrome like disorder (recessive)
									RAD51B	
	RAD51C		RAD51C						RAD51C	Fanconi anaemia FA-O (recessive)
	RAD51D		RAD51D						RAD51D	Fanconi anaemia (recessive)
							RET			Multiple endocrine neoplasia Type 2
RNF43										Serrated polyposis syndrome
RPS20										
SMAD4				SMAD4						"Juvenile Polyposis/ Hereditary hemorrhagic telangiectasia (HHT)"
			SMARCA4							D small cell carcinoma of the ovary hypercalcemic type (SCCOHT), AD rhabdoid tumor predisposition syndrome type 2 (RTPS2)
STK11	STK11	STK11	STK11	STK11		STK11				Peutz-Jeghers Syndrome
TP53	TP53	TP53		TP53	TP53					Li-Fraumeni Syndrome
							VHL			von Hippel-Lindau Syndrome