

TABLE 2. Sample of genes tested for mutations.

Gene	Reference Sequence		Result	Zygosity	Clinical significance
APC	NM_000038		No Mutation	-	-
ATM	NM_000051		No Mutation	-	-
AXIN2	NM_004655		No Mutation	-	-
BMPR1A	NM_004329		No Mutation	-	-
BRCA1	NM_007294		NoMutation	-	-
BRCA2	NM_000059		NoMutation	-	-
CDH1	NM_004360		NoMutation	-	-
CDK4	NM_000075		NoMutation	-	-
CHEK2	NM_007194		NoMutation	-	-
EPCAM	NM_002354		NoMutation	-	-
MEN1	NM_000244		NoMutation	-	-
MLH1	NM_000249		NoMutation	-	-
MSH2	NM_000251		NoMutation	-	-
MSH3	NM_002439		NoMutation	-	-
MSH6	NM_000179		NoMutation	-	-
MUTYH	NM_001128425		NoMutation	-	-
NF1	NM_000257	NM_000267:c.49992G>A, p.(Trp1664*)	Heterozygous		pathogenic
NTHL1	NM_002528	NM_002528:c.268C>T, p.(Gln90*)	Homozygous		pathogenic
PALB2	NM_024675		NoMutation	-	-
PMS2	NM_002528		NoMutation	-	-
PTEN	NM_000314		No Mutation	-	-
RAD50	NM_005732		NoMutation	-	-
RET	NM_020975		NoMutation	-	-
RAD51C	NM_058216		NoMutation	-	-
RAD51D	NM_002878		NoMutation	-	-
SMAD4	NM_005359		No Mutation	-	-
STK11	NM_000455		No Mutation	-	-
TP53	NM_000546		NoMutation	-	-