Genomic Unity™ Test

ACMG recommended incidental findings gene list

Gene(s)	Disorder(s)
APC	Familial adenomatous polyposis
ATP7B	Wilson disease
BMPR1A, SMAD4	Juvenile polyposis
BRCA1, BRCA2	Hereditary breast and ovarian cancer
COL3A1	Ehlers-Danlos syndrome, vascular type
FBN1, TGFBR1, TGFBR2, SMAD3, ACTA2, MYH11	Marfan syndrome, Loeys-Dietz syndromes, Familial thoracic aortic aneurysms and dissections
KCNQ1, KCNH2, SCN5A	Romano-Ward long QT syndrome types 1, 2, and 3, Brugada syndrome
LDLR, APOB, PCSK9	Familial hypercholesterolemia
MEN1	Multiple endocrine neoplasia type 1
MLH1, MSH2, MSH6, PMS2	Lynch syndrome
MUTYH	MYH-associated polyposis; Adenomas, multiple colorectal, Familial adenomatous polyposis 2; Colorectal adenomatous polyposis, autosomal recessive, with pilomatricomas
MYBPC3, MYH7, TNNT2, TNNI3, TPM1, MYL3, ACTC1, PRKAG2, GLA, MYL2, LMNA	Hypertrophic cardiomyopathy, Dilated cardiomyopathy
NF2	Neurofibromatosis type 2
OTC	Ornithine transcarbamylase deficiency
PKP2, DSP, DSC2, TMEM43, DSG2	Arrhythmogenic right ventricular cardiomyopathy
PTEN	PTEN hamartoma tumor syndrome
RB1	Retinoblastoma
RET	Familial medullary thyroid cancer (FMTC)
RET	Multiple endocrine neoplasia type 2
RYR1, CACNA1S	Malignant hyperthermia susceptibility
RYR2	Catecholaminergic polymorphic ventricular tachycardia
SDHD, SDHAF2, SDHC, SDHB	Hereditary paraganglioma- pheochromocytoma syndrome
STK11	Peutz-Jeghers syndrome
TP53	Li-Fraumeni syndrome
TSC1, TSC2	Tuberous sclerosis complex
VHL	von Hippel Lindau syndrome
WT1	Wilms' tumor

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Controlled document #: DCMMPRC690028
Updated 03-31-2019

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