Rx-Genes
Treatment Guidance at the Point of Care

Disease

Hereditary nonpolyposis colorectal cancer-1[1, 2]

Gene

MSH2

Inheritance	AD
Current Treatments	colonoscopy - polypectomy, aspirin
Evidence for Treatment	guideline[2]
Non-Molecular Testing Availability	no
ClinGen	https://actionability.clinicalgenome.org/ac/Adult/ui/stg2SummaryRpt?doc=AC069
Disease Frequency (per 100,000)	160[3, 4]
Genes Included in Disease Frequency	MLH1, MSH2, MSH6, PMS2, EPCAM
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Hereditary+Non-polyposis+Colon+Cancer&term=&cntry=&state=&city=&dist=

References

[1] https://www.ncbi.nlm.nih.gov/books/NBK1211/

[2] https://www.nccn.org/professionals/physician_gls/pdf/genetics_colon.pdf

[3] https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3566622/

[4] https://www.nature.com/articles/ncomms14755