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(54) Title: FRAGILE X MENTAL RETARDATION PROTEIN INTERFERING OLIGONUCLEOTIDES AND METHODS OF USING SAME

(57) Abstract: Disclosed herein are antisense oligonucleotide sequences against fragile X mental retardation protein (FMRP) and methods of using the same for treating bowel diseases such as colorectal cancer and inflammatory bowel disease (e.g., Crohn's disease and ulcerative colitis), associated with elevated activity or expression of FMRP. Also disclosed are pharmaceutical compositions containing an FMRP antisense oligonucleotide useful for treating a bowel disease and manufacture of medicaments containing a disclosed FMRP antisense oligonucleotide to be used in treating a bowel disease.