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(54) Title: DETECTION OF MUTATIONS IN A GENE ASSOCIATED WITH RESISTANCE TO VIRAL INFECTION, OAS1

(57) Abstract: A method for detecting a mutation related to the gene encoding OAS 1. This and other disclosed mutations correlate with resistance of humans to viral infection including hepatitis C. Also provided is a therapeutic agent consisting of a protein or polypeptide encoded by the mutated gene, or a polynucleotide encoding the protein or polypeptide. Inhibitors of human OAS 1, including antisense oligonucleotides, methods, and compositions specific for human OASI, are also provided.

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