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(54) **Title:** METHODS OF DETERMINING LETHALITY OF PATHOGENS AND MALIGNANCIES INVOLVING REPLIKIN PEAK GENES

(57) **Abstract:** The present invention provides methods of identifying lethal, virulent and rapidly replicating viruses, organisms, and malignancies comprising comparing Replikin concentrations among different viruses, organisms, or malignancies. The present invention further provides isolated Replikin Peak Genes associated with increased lethality, virulence and rapid replication, for diagnostic, therapeutic and predictive purposes.

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