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(54) Title: SENTINEL VIRUS II

(57) Abstract: The invention relates to a new virus, designated H101.c33 or Sentinel Virus II (SVII). Isolated SVII viruses, polynucleotides and proteins from SVII viruses, and antibodies which bind SVII virus and SVII viral proteins are provided. The polynucleotides, proteins, and antibodies of the invention may be used to detect SVII virus or infection by SVII virus in a susceptible individual. Additionally, polynucleotides of the invention may be inserted into recombinant expression vectors for recombinant production of viral proteins.