

Class 4: Single-stranded RNA viruses – positive-sense edit Positive-sense RNA viruses, along with all genes categorized as positive-sense, have the capability to be directly engaged by host ribosomes, leading to immediate protein synthesis. Class 5: Single-stranded RNA viruses – negative-sense edit Negative-sense RNA viruses, along with all genes classified as negative-sense, cannot be directly utilized by host ribosomes to synthesize proteins instantly.