

DNA viruses		
Protein name	occurrence	Protein description
TP53	8	Tumor suppressor protein 53
CDC25A	5	Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression
IRF3	5	Interferon Regulatory Factor 3 plays an important role in innate immunity against DNA and RNA viruses
PTGS2	5	PTGS2 is responsible for production of inflammatory prostaglandins
TERT	4	Active in progenitor and cancer cells.

RNA-positive viruses		
Protein name	occurrence	Protein description
PTBP3	5	polypyrimidine tract binding protein 3: aids in cell proliferation
PTBP2	5	polypyrimidine tract binding protein 2: cell proliferation
NOG2	5	GTPase that promotes cell proliferation
IFNB1	5	Interferon Beta 1 precursor: has antiviral roles
IRAK3	5	Interleukin-1 receptor-associated kinase 3

RNA-negative viruses		
Protein name	occurrence	Protein description
SFXN2	5	Mitochondrial amino-acid transporter that mediates transport of serine into mitochondria
TLR4	4	Cooperates with LY96 and CD14 to mediate the innate immune response
SFXN4	4	Mitochondrial amino-acid transporter
CDSN	4	Important for the epidermal barrier integrity
SFXN3	4	Mitochondrial serine transporter that mediates transport of serine into mitochondria