**HBx STRAIN SAMPLES**

>sp|P03165|X\_HBVD3 Protein X OS=Hepatitis B virus genotype D subtype ayw (isolate France/Tiollais/1979) OX=490133 GN=X PE=1 SV=2

MAARLCCQLDPARDVLCLRPVGAESRGRPFSGSLGTLSSPSPSAVPTDHGAHLSLRGLPV

CAFSSAGPCALRFTSARRMETTVNAHQILPKVLHKRTLGLSAMSTTDLEAYFKDCLFKDW

EELGEEIRLKVFVLGGCRHKLVCAPAPCNFFTSA

>sp|Q69027|X\_HBVCJ Protein X OS=Hepatitis B virus genotype C subtype ayr (isolate Human/Japan/Okamoto/-) OX=928302 GN=X PE=1 SV=1

MAARLCCQLDPARDVLCLRPVGAESRGRPVSGPFGPLPSPSSSAVPADHGAHLSLRGLPV

CAFSSAGPCALRFTSARSMETTVNAHQVLPKVLHKRTLGLSAMSTTDLEAYFKDCLFKDW

EELGEEIRLKVFVLGGCRHKLVCSPAPCNFFPSA

**Host Virus**

>sp|Q7Z434|MAVS\_HUMAN Mitochondrial antiviral-signaling protein OS=Homo sapiens OX=9606 GN=MAVS PE=1 SV=2

MPFAEDKTYKYICRNFSNFCNVDVVEILPYLPCLTARDQDRLRATCTLSGNRDTLWHLFN

TLQRRPGWVEYFIAALRGCELVDLADEVASVYQSYQPRTSDRPPDPLEPPSLPAERPGPP

TPAAAHSIPYNSCREKEPSYPMPVQETQAPESPGENSEQALQTLSPRAIPRNPDGGPLES

SSDLAALSPLTSSGHQEQDTELGSTHTAGATSSLTPSRGPVSPSVSFQPLARSTPRASRL

PGPTGSVVSTGTSFSSSSPGLASAGAAEGKQGAESDQAEPIICSSGAEAPANSLPSKVPT

TLMPVNTVALKVPANPASVSTVPSKLPTSSKPPGAVPSNALTNPAPSKLPINSTRAGMVP

SKVPTSMVLTKVSASTVPTDGSSRNEETPAAPTPAGATGGSSAWLDSSSENRGLGSELSK

PGVLASQVDSPFSGCFEDLAISASTSLGMGPCHGPEENEYKSEGTFGIHVAENPSIQLLE

GNPGPPADPDGGPRPQADRKFQEREVPCHRPSPGALWLQVAVTGVLVVTLLVVLYRRRLH