

Supplementary Table S1:
>WPF56447.1 RNA-dependent RNA polymerase, partial [Yezo virus]
MIELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTPNLQLNIAGRLENYLNSTDARVSDWSEVQQILDESGCSNIDVQLE QKTLEDRVSWRCLLSKISNRAPSMILTRLTVSLVGSETIPNFLSGLLVH
>YP_010840881.1 nucleoprotein [Yezo virus]
MARLIEAKTREELDKWIHNLDTTHFLGLNTKYTKSLALQPCPEGSCPEAYISFDGKKSDELDAILSGALVDSLKFAAPI PECAWNLTNKIFTEGMAWFNANKDQKCMAWDKKYDTLRSTLSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE VTKVYIAPKKYVNDMILMVTDMRSKRRLHRLGITEEQEQEALSRLGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK KTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKQKMDDELGIDVSQARLMHAHMEGCLKEAEGLIKDSV TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKGATYKWGSTLANMCATG DFNGERVHMHPPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSSENPAAKVVCLEFNTHRAHSDWN SPTSIVPPEHYFHQSLLERLGPFCVSLVRGNALRVNIVEEMGTGGNP
>YP_010840880.1 RNA-dependent RNA-polymerase [Yezo virus]
MAGKLSKRPELTWEHRINNLFVASIVMPVDESFKVVRMPGDGKCFYVSVSHNMFGTIQGHTRVKWMVRDFAEKHW GLLTAKEFYRSREEYIRDLNRETYWGSIEAEILSLRTNQPIIWAEDGYTITSASMWRGDSGKGEINLIQSHNNHFD AAYPPELAGTTSGLPAVSREDKTVLEAVGETIIDEDDESDEMEVAKLEDFTLPTYESERIELLSKPTMPVGPVRRRLPAR LEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRLWLNPSKRIRKENLRTVIAISDQ LMAYVDKGYVLRFTVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRIL NKLTPHTLYNDPLSVVRQICLAMPFGEECGRVLDLFSCLGPVSYLSLSLELDSLTRNKYYQVLEELSRADTEDDFDFSSK EISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQELPRRAKDNRRREQEKLVINKEFFNDRAISKFVSLQGRAYSG TNLSKILSYTHNLLSMSDSHIPCKLTTEDDVGQLELEQKRIRAMLAKEERVPIAICSMMENRFNNLFKRLPPSCAQECEVLF DSIRNAESYASAWRSALRLKGVAIEGMEFALKYNTCTYPEDQKPTLSMIVQTYYPDKFVDFLDKTKQRPEIRDYTPDFS ICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKELLGLTGKQNPVHLKTEK YDESDCTVTSREIIAIEVGQYQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHICADSSSTRLSDDWISPEDARLLKESI SFLFHEMGENSEPSDVTDIMVANISTTKVRAQLKSGSVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKK ALVEGVMTDRASCEKVIEEVVIKNMDEHSLVEETKNKHEVTRNYVTANRLILGLWLMEDIECCRCKACVAMIKDAIK GIASEQESVKYLCSEQILSEHLPCCHTDLPSPVKPRSLFSTRCPDITTVRHMTGDGSTDDESELTELDKAIRLTLPGKTERE RKIKRGLSEQLHRLSMSDSHIPCKLPTGGQILNRHAFNPTKVSSEKRAAKNDEFDRSKLERLTKLLSKERLTGYSEKACKI MNTLLEKTHLQGNRCLCKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTIL NRKKNSKLFNLDCLIFKETVLEVLRLRLNGTPYFDCIEIATLTKLLSFDWFQELVLYSKLCETFLQCCTEFNRSGIKVR RVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRAVLGAAYPYILIITTLQCLQHQRCLDELTKHASLQ RDILTANAKLLDLLQSTLCKANLGSFEQAALERRHCKQTGNFLDHSSYDMIVNTLSGLSVVFGALALGDTLLLNQPF NKQIQNMRFMTLSGLSRLVSPLLEGGKLLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSSENWKQFDLCPNVFMPSLSIF GMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVLLETAEKHMSWELSLMNDLEKKTKKHERHARLLGLPTLPRHE LPMTADIVEDSFSTSSDLSAISSTRFSFGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKLVQVVKIRLTGVSEPNLQ RLYKNVKTIIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPNRNWCSEVSEVETTSIVSEPKHYISIKDALKTITGC ETKKFVKMLRNRLVKLGMEQGDKIGEPSSFSLESVDTLTEAQKENIRKGILEPSKLSFYNNWRDIINKSLSDTLTND GNMIYCWKLSMASGVKRGKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGESEELYCVD LLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTRIEIALKAQELRFLEQHGNNI VKFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLKSRWFVLDLCSENGLSPPDAEITK HLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLTCLRGILAKYNLEDSDLDFKWTISMIANSNFEVAKKLT GRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTVVHATTE MFSRTLLSTTNDGLTNSHLKEAILNEGLAKMMLSRNRHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPVHCSSLSF GMMQQLLDYDPDWCNMYKLTLKLNLYRKVEIPSAIQKILTFKTRLASKYKLETMRENELRKLLNESIEIWSQDPM IQFLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAI SKSTFERYERTFWPQMCRKLNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIFKIHGTGLINSSVTSPO SMVQACQVSGQQAMYSNPLITNICFTVLRQQMFFNHTTEFFMREYGPLVHGLPSSFCRLYIPVYSNLTGSSIAIEDSESI SQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGGSSNFRFELKRELTESEYLYKSVH RDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSNEFEVKLLEEKPIRLTFGLVRSVICAIAGYYRSFSEGE TEKTVKANLRDNRNVDPMIQLVPEKLRRELERLGLSRLSINELIGSGFSLSEQIARRVVTMNCATEEYSEIER LKQTLSSRNVIHGLAGGKELSLPIYITFLKSYFFKDNVFFDHKDRWNTQHSTNYRDSGKKLDGKIVTKFTVWLDRI LSSTLSVSYKSQDFEPSLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLKIVESRPHTKELDA NKVIVKSSIFNASEQVKIQNNPALIVGCMLSETHIMDVKPARVDYGGLMMDKHKVNCFYESIATVCNSITERSKALEA SDESPDLDEVSTSANLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGKEGRLLLLPEPNVEVSSFSVKY WKIMQSISAIANLNTQKEKTDLLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQGSLLATLSSEVMNIKNESTRH QLEDLIDFIKDPNLLVTKKPIFGTTAIFRTWGEQKGNGRFTVSSNGNESTGIFIRGKLHIYLSLESEILLSEVEKQVLGWM NRRRTDIVKEDHYFLNLLPTYPMVPRKHTDGYIRGVTFNRNNGPMLGFTPAKYNSLVVRVKKRILTVKSSKTCDD CSEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIEPEKKVEVPSVAYQDFKVVGKIRLDSEALLSSTVLLHY YLCHSPPEEVRMELSSKSQRMIELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTPNLQLNIAGRLENYLNSTDARVSDW SEVQQILDESGCSNIDVQLEQKTLEDRVSWRCLLSKISNRAPSMILTRLTVSLVGSETIPNFLSGLLVHADVLDKLLRL

GKSAKNELSSASSLDDRGLELLLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDEFLSFSITVPI PPLRKDASKREKAMAQGHALVAYNLFDFEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTTLLKLLVSSGL GMKDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF
>YP_010840879.1 glycoprotein precursor [Yezo virus]
MLIMQCRDFLALWLLASMCLSESGDGS LNNTTVKGEAPSTTPAASAVAPTNTKLTPEKTTTVAPGNTRVATRPTSSPAL SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTVLAVKD RVAGYSATAAYNYLGKMOVNVDEEDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD IFSLRSENIKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNSGKVYPPIIHIFIDRTDPGE NCAISM CNLIPIPGATGGLPVVRQTKKQLIKVSLGGPEHS AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES SFAHSKSSICNGT LISNKDLSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI KVKSNDYHNIKCTKECLVPAPKGS LVLVTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV FGYSIGRIAFILTFLLWIFNRLTRTIIIFRMDKQKDTCSGCGEFVDHTVKWARHDS C NSGSCPYCNKLSSSLSKLKEHAK TCTSKVKELEQDEKVL DIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDKSITE LEVQCQPV CVYEE EYCTCPIQESPTLHNHSIHHIVKRSLLSLPVAGAPRDL D IEASWGTVHIENS YQPSVGGNHISLSWQ SQNRVGS KVVVAGKSEAILRLDPRSGLKWSITSPDSES RNIFVSILEY AQEYETQFEYLT SNRKLGTWMHGVCTGTCP EKCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHGS RQCD LIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKDFDLVKPIGMIDGTDLC KLQACTHGPAGDFQIYNLNG LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNP GDWPTCVMSGAVNDNSGAFENLWKRSTKLHQQYFFH SEKIDIRDGSP TLT LKGRPYMGGGQITALLSVSGLELES KTVLPKGVKLHITMCEGCGCATGITCSVSITLDS PDRYGL HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPP EEVVLEHRSVLTSTGN STCGKGFLSCLGSNIAHFFGSIGTFLKDFFGSIWKGLVVIIPVILILLILFGPNLLGLIKVCISGRKSTIDRKVYYESGKR ELERYRQIIKEEEELLRRNDKKK
>BDT56375.1 nucleoprotein, partial [Yezo virus]
MRSKRRHRLGITEEQEALSRKGAEHAPWVEDWVKGGEDRIFSLPSWGGWNKTKKGLLLGGTAVA
>BDT53110.1 nucleoprotein [Yezo virus]
MARLIEAKTREELDKWIHNLDTT HFLGLNTKYTKSLALQPCEPGSCPEAYISFDGKKSD ELDAILSGALVDSLKFAAPI PECAWNLTNKIFTEGMAWFNANKDQKCMAWDKKYD TLRSTLPSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE VTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEALSRKGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK KTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMD ELGIDVSQARLMHAHMEGCLKEAEGLIKDSV TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKG TAYKWGSTLANMCATG DFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTS ESNPAAKVVCELFNTHRRASDWN SPTSIVPPEHYFHQSLLERLGPFC HVS LVRGNALRVNIVEEMGTGGNP
>BDT53109.1 glycoprotein precursor [Yezo virus]
MLIMQCRDFLALWLLASVCLSESGDGS LNNTTVKGEAPSTTPAASAVASTNKTLP EKT TTVAPGNTRVATRPTSSPAL SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMDSNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTVLAVKD RVAGYSATAAYNYLGKMOVNVDEEDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD IFSLRSENIKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNGKVYPPIIHIFIDRTDPGE NCAISM CNLIPIPGATGGLPVVRQTKKQLIKVSLGGPEHS AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES SFAHSKSSICNGT LISNKDLSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI KVKSNDYHNIKCTKECLVPAPKGS LVLVTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV FGYSIGRIAFILTFLLWIFNRLTRTIIIFRMDKQKDTCSGCGEFVDHTVKWARHDS C NSGSCPYCNKLSSSLSKLKEHAK TCTSKVKELEQDEKVL DIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDKSITE LEVQCQPV CVYEE EYCTCPIQEPPTLHNHSIHHIVKRSLLSLPVAGAPRDL D IEASWGTVHIENS YQPSVGGNHISLSWQ SQNRVGS KVVVAGKSEAILRLDPRSGLKWSITSPDSES RNIFVSILEY AQEYETQFEYLT SNRKLGTWMHGVCTGTCP EKCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHGS RQCD LIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKDFDLVKPIGMIDGTDLC KLQACTHGPAGDFQIYNLNG LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNP GDWPTCVMSGAVNDNSGAFENLWKRSTKLHQQYFFH SEKIDIRDGSP TLT LKGRPYMGGGQITALLSVSGLELES KTVLPKGVKLHITMCEGCGCATGITCSVSITLDS PDRYGL HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPP EEVVLEHRSVLTSTGN STCGKGFLSCLGSNIAHFFGSIGTFLKDFFGSIWKGLVVIIPVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE LERYRQIIKEEEELLRRNDKKK
>BDT53108.1 RNA-dependent RNA-polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNLFVASIVMPVDESFKVVRMPGDGKCFYFSVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKEFYRSREEYIRDLNRETYWGGISIEAIELSLRTNQPIIIWRAEDGYTITSASMWRGDSGKGEINLIQSHNNHFD
AAYPPELAGTTS GPAVSREDKTVLEAVGETIIDEDES DTEMEVAKLED TFLPTYESERIELLSKPAMPPVGPVRRRLPAR
LEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRWLWNPSKRIRKENLRTVIAISDQ
LMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRIL
NKLTPTHLYNDPLSVVRQICLAMFGEECGRLVDFSLCLGPVSYLSLSLELDSLTRNKYYQVLEELSRADTEDDFSSK
EISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQELPRRAKDNRRREQEKLVINKEFFNDRAISKFVSLQGRAYSG
TNLSNLSYTHNLLMSKDKFKLTEDDVGQLELEQRKIRAMLAKEERVPIAIIICSM MENRNFNNLFKRLPPSCAQECEVL
DSIRNAESYASAWRSALRLKG VAYEGMFALKY NCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTQKRPEIRDYTPDFS
ICQMIVEHAEGLVPPKVSSVQLQAHDL EESGVKLRRTEKAFPLPEVPIKELRSLDRLKELLLGTGKQNPVHLKTEK
YDESDCTVTSREIIAIEVG YQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHICADSSSTRLSDW WISPEDARLLKESI
SFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKK
ALVEGVTMDRASCEYVVIKNMDEIISLV EETKNKHEVARNYVTANRLILGWLMEDIECCRCCKACVAMVKDAIK
GIASEQESVKYLCSQIQLSEHLPCCHTDLPSVKSRSLSFSTRCPDITTVRHMTGDGSDTDDSELTELDKAIRLTLPGKTERE
RKIKRGLEQLIRLSMSDSHIPCIKLTGQILINRHAFNPTKVSEKRAAKNDEL RDSKLERLTKLLSKERLTGYSEKACKI
MNTLLEKTYLQGN SRCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTIL
NRKKNSKLFNLDCLIFKETVLEVLRLNGTPYFDCIEIATLTKLLSDFWQFELVLYSKLCETFLQCCTEFNRS GIKVR
RVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRAVLGAAYPYILIITTLQCLQHQRCLDELTKEHASLQ
RDILTANAKLLDLLQSTLCKANLGSFEQA ALELRHCKQTGNFLDHSSYDMIVNTLSGLSVVFGALGDTLLLSQPF
NKQIQNMRTMLSGLSRLVSPLELGKKLSSSSRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSL
GMNTSGDRQLFIDYLVHIYNKEMDNFDEGCIKVL EETA EKHSWELSLMNDLEKRTKKHERHARLLGLPLTLPRHE
LPTEDAIPEDSFSTSSSTS AISSTRSFSSGKNIKTLFGR LKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQ
RLYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPNRNWC SISEVVETTSIVSEPKHYISIKDALKTITGC
ETKKFVKMLRNRLVKLGMEQ GKDKIGEPSSFLESVDTLTEAQKENIRKGILEPSKLSFY NWRDIISKLSDTLLTND
GNMIYCW LKSMASGVKRG LKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGE EEEELYCVD
LLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSF TREEITLKAQELRFLEQHGNNI
VKFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSRWFV D L CSENGLSPPDAETTK
HLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT KLRGILAKYNLEDSDLDFKWTISMIANSNFEYVAKKLT
GRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKVVHATTE
MFSRTLLSTTNDGLTNSHLKEAILNEGLAKMMLSRRNHGRPVS EIDDDGCLQFFRVFCISGDNTKW GPIHCCSLFSG
MMQQLLKDYPDWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWS DQPMI
QFLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS
KSTFERYERTFWPQMCR LKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLINSSVTSPQS
MVQACQVSGQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSF CRLYIPVYSNLTGSSIAVEDSESI
SQDLKLT KDALPFLPNTKPLILSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGGSSNFRFELKRELTESEY LKSVH
RDIDEASEMLVETR KALFVGEEDYDGFPCFKRIKESNLIRS NFEFVKLLEEKPILRTFGLVRSVICAIAGYYRSFSG
TEKTVKANLNRDENRVIEDPMIQLVPEKLRRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIER
LKQTLSSRNVIHGLAGGIKELS PIYTIFLKSYFFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLDRI
LSSTLSVSYKSQDFEPSLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLK LKIVESRPHTKELDA
NKVIIVKSSIFNASEQVKIQNNPALIVGCM LSETIIMDVKPARVDYGG LMMMDKHKVNCFYESIATVCNSITERSKALEA
SDESPDLVEDSTANLTMLCR LIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVSSFSVKY
WKIMQSIASIANLNLTKQEKTDLLCSFLHWPKNKSIA MQDCMLKHEMSMLSEFQGSLLATLSSEVMNIKNESTRH
QLEDLIDFIKDPNLLVTKKPIFGTTAIFRTWGEGQKNGRFTFSSGNGESTGIFIRGKLHIYLSLESEILLSEVEKQVLGWM
NRRRTDIVVKEQHDYFLNLLPTYPMPVRKHTDGYIRGVVINRNNPRMLGFTPAKYNSLVVRVKKRILTVKKSSKTC
CSEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIIEPEKKVEVPSVAYQDFKVVGKIRLDSEALLSSTVLLHY
YLCHSPEEVRMELSSKSQRM
ELLTGEGVVPGYRVSQKLYEDSRSIKKDLWVTPNLQLNIAGRLENYLNSTDARVSDWSEVQQILDES GCSNIDVQLEQ
KTLED RVSWRCLLSKISNRAPSMLTLR TLVSLVGSETIPNFLSGLLVHADVL DKLRLGKS AKNELSASSLDDRGLELL
LSCTLYQLQVENKILHCQTYSTGSIFS LVTSTFTDSGNDMILGFTLDDEDFLSFSITVPIPLRKDASKREKAMAQGHAL
VAYNLFDFEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTLLKLLVSSGLGMRDSILRLSPLIQFIATLVGR
MLPEYLLEKAKEIKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF

>BDT53107.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLN TKYTKSLALQPCPEGSCPEAYISFDGKKSDELDAILSGALVDSLKFAAPI
PECAWNLTNKIFTEGMAWFNANKDQKCAWDDK KYD TLRSTLPSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE
VTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALS RKGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK
KTKKGLLLGGTAVAHVLQKKVITLKIFRSKVEKAGELNNQKMDDELGIDVSQARLMHAHMEGCLKEAEGLIKDSV
TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLD TLKG TAYKWGSTLANMCATG
DFNGERVHMHGPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSESNPAAKVVC ELFNTHRRASHDWN
SPTSIVPPEHYFHQSLLERLGPFC HVS LVRGNALRVNIVEEMGTGGNP

>BDT53106.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGSNTTVKGEAPSTTPAASAVAPTSKTLPEKTTTTVAPGNTTRVATRPTSSPAL
SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTVLAVKD
RVAGYSATAAYNYLGKMYNVNDEDDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENIKVSSPEGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNGKVYPIIHIFIDRTDPGE
NCAISMCLNLIPIPGATGGPVRQTKKQLIKVSLGGPEHSAFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES
SFAHSSICNGTILSNKDLGSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI
KVKSNDYHNIICKTKECLVPAPKGSLLVLTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVWV
FGYSIGRIAFILTFLLWIFNRLTRTIIIFRMDKQKDTCSGCGEFVDHTVKWARHDSNCSGSCPYCNKLSSLSKLKEHAK
TCTSKVKELEQDEKVLIDIALVPKWSRRLESTIKAFSKTSLRIQWVVVSCLLMYFLFHPVSGLSNLK GKDFWDKSITE
LEVQCQPVCVYEEEEYCTCPIQELPTLHNHSIHIVKRSLLSPVAGAPRDLIDIEASWGTVHIENSYQPSVGGNHISLSWQ
SQNRVGSKV VVAGKSEAILRDLPRSGLKWSITSPDSSESRI NIFV SILEYAQEYETQFEYLT SNRKLGTWMHGVCTGTCP
EKCGKSKTSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTVIACVEFEHGSRQCD
LIDAGTTISLGSVSFSGVTGTTMLPRQIALVHKAPGNHKKDFLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNG
LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
SEKIDIRDGSPALTLKGRPYMGGGQITALLSVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLDSPPRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPVEEVLEHRSVLTSTGN
STCGKGFLSCLGSNIAHFFGSGITFLKDFFGSIWKGLVVIIPVILILILIFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRQIIKEEEEELLRNDKKK

>BDT53105.1 RNA-dependent RNA-polymerase [Yezo virus]

MAGKLSKRPELTWEHRINLNFVASIVMPVDESFKVVRMPGDGKCFYVSVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKEFYRNREEYIRDLNRETYWGGSEIAEILSLRTNQPIIWAEDGYTITSASMWRGDSGKGEINLIQSHNNHF
DAAYPPELAGTTS GPAVSREDKTVLEAVGETIIDEDES DTEMEVAKLED TFLPTYESERIELLSKPTMPVPVGRRLPA
RLEEMLVNEQTLPGKVGRHLNKL YSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRLWLNPSKRIRKENLRTVIAISD
QLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACL RDEGRISGKKVSRI
LNKLT PHTLYNDPLSVVRQICL AMFGEECGRVLDF SCLGPVSYLSLSSLELDSLTRNKYYQVLEELS RADTEDDFDSS
KEISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQELPRRAKDNRRQEKLVIN KFFNDRAISK FVSLQGRAYS
GTNLSNLSYTHNLLMSKDKFKLTEDDVGOLELEQRKIRAMLAKEERVPIAICSMMENR FNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKG VAYEGMFALKY NCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTQKRPEIRDYTPD
FSICQMIVEHAEGLVPPKVSSVQLQ AHDLEESGVKLRR TKEKAFPLPEVPIKELRSLDRLKELL LGTGKQNQPVHLKT
EKYDESDCTVTSREIIAIEVG YQTDVDGKVFSDTHKWQEA IKLLSKLGIKALVHICADSSSTRLSDW WISPEDARLLKE
SISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVA AAWNAKLEKIRVRPTGAVLTDGLMDTVK
KALVEGV TMDRASCEK VIEEVVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWLMEDIECCRCKACVAMIKDAI
KSIASEQESVKYLC SQIQLSEHLPCCHTDLP SVKPRSLFSTRCPDITTVRHMTGDGSTD DSELTELDKAIRLTLP GKTER
ERKIRGLEQLIRLSMSDSHIPCIKLP TGQILNRHAFNPTKVSEKRAAKNDEF RDSKLERLT KLLSKERLTGYS EKACK
IMNTLEKTHLQGN SRCCCLKPEWAQSVLMDLK TDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVL RRLNGTPYFDCIEIATLTKLLS SFDWFQELVLYSKLCETFLQCCTEFNRSGIKV
RRVRHTSINLAIQLPSNKKENMKCCCYNLDFSRNKSTFLMNRRVAVLGAAYPYILIITTLQCLQHQRCLDELTKHASL
QRDILTANAKLLDLLQSTLCKANLGSFEQA ALELRRHCKQTGNFLDHSSYDMIVNTLSGLSVVFGLA LGD TLLNSQ
PFNKQIQNMRF TMLSGLSRLVSPLELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMP SLS
IFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVLEETA EKHMSSWELSLMNDLEKRTKKHERHARLLGLPTLPR
HELPTEDAIPEDSFSTSSSTS AISSTRSFSSGKNITFLGRKLEIKFPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPN
LRLYKNVKTIIKENPNHTFGSFELIQA FTELARKKFPSEIEKCRKDPRNWC SISEVVETTSIVSEPKHYGISDKALTIT
GCETKKFKV KMLRNRLVKLGMEQ GKDKIGEPSSFSLESVDTLTEAQKENIRKGILEPSKLSFY NWRDIINKSLSDTLT
NDGNMIYCW LKSMASGVKRG LKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRMKAIVDPSRGE EEEELYC
VDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFLEQHG
NNIVKFTNLIFFLCLACP WCMHYKS FELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSRWFV D L CSENGLSPPDAEI
TKHLDWLYRYCCALVSSNSEPLAATV NAMKPDEAVNTEQVLT KLRGILAKYNLEDS D LDFKWTISMIANSNF EVAKK
LTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKVVHAT
TEMFSRTLSTTND DGLTNSHLKEAILNEGLAKMMLSRNHRGPVSEMDDDGCLQFRVFCISGDNTKWGPIHCCSL
FSGMMQQLLDYPDWCNMYKLTFLKNLYRKVEIPSA AIQKILTTFKTRLASKYKLET MRENELRKL LNESIEI WSDQP
MIQFLIRTYLCKGDMAMTCYNHMGQGIHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSG
AVSKSTFERYERTFWPQM CRLKNLMAGVGRCCQM KDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLINSSVTS
PQSMVQACQVSGQQAMYN SVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPVYSNLTGSSIAVEDS
ESISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGS SSNFRFELKRELTESEYLSK
VHRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSNFEFVKLLEEKPILRTFGLVRSVICAIAGYYRSFSS
EGTEKTVKANLNRDENRVEDPMIQLVPEKLRRELERLGLSRLSINELIGSGFGLSLSEQIARRVVTMNCATEEYSS E
ERLKQTLSSRNVIHGLAGGIKELSLPIYTIFLKS YFFKDNVFFDHKDRWNTQHSTNYRDS TGKKLDGKIVTKFTVWLD
RILSSTLSVSYKSQDFEPSL FNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLKIVESRPHTKEL
DANKVIIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDYGGLMMDKHKVNC FYESIATVCNSITERSKAL
EASDESPDLDEVSTSANLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVSSFSVK
YWKIMQSISAIANLNTQQEKTDLLCSFLHWKPNKS IAMQDCPLMKHEMSMLSEFQGSSLLATLSSEVMNIKNESTR

<p>HQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEGQKNGRFTFSSNGGESTGIFIRGKLHIYLSLESEILLSEVEKQVLGW MNRRTDIVVKEQHDYFLNLLPTYPMVPRKHTDGYIRGVVINRNNPRMLGFTPAKYNSLVVRVKRILTVKKSSKTC DCSEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIEPEKKVEVPSVAYQDFKVIGKIRLDSEALLSSTVLLH YYLCHSPPEVVMELSSKSQRMIELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTNQLNIAGRLENYLNSTDARVSD WSEVQQILDESGCSNIDVQLEQKTLEDVSWRCLLSKISNRAPSMILTRLTVSLVGSETIPNLSGLLVHADVLDKLLR LGSAKNELSSASSLDDRGLLELLSCTLYQLQVENKILHCQTYSTGSIKSLVTSKTFDSGNDMILGFTLDDDEFLSFSITV PIPLRKDASKKEKAMAQGHALVAYNLFFDEVNMFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTTLLKLLVSS GLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEEELEPARKEPEHGLFDLSF</p>
<p>>BDT53104.1 nucleoprotein [Yezo virus]</p> <p>MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPGSCPEAYISFDGKKSDELDAILSGALVDLSLKFAAPI PECAWNLTNKIFTEGMAWFWNANKDQKCAWDDKKYDTRLSTLPSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE VTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRLGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK KTKKGLLLGGTAVAHVLQKKVITLKIFRSKVEKAGELNNQKMDDELIDVVSQARLMHAHMEGCLKEAEGLIKDSV TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKGTAJKWGSTLANMCATG DFNGERVHMHGPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSSENPAAKVVCLEFNTHRAHSDWN SPTSIVPPEHYFHQSLLERLGPFCFVSLVRGNALRVNIVEEMGTGGNP</p>
<p>>BDT53103.1 glycoprotein precursor [Yezo virus]</p> <p>MLIMQCRDFLALWLLASVCLSESGDGLSNTTVKGEAPSPTTPAASAVPTNKTLPKTTTAPGNTTRVATRPSTSPAL SRWLAGLYSRNYEDFHRVATGMVRSADGSARMESNILGYSNLSKGEQLTTTLIRAVDPRIADVFQVKRTLAVKD RVAGYSATAAYNYLGKMYNVNDEDDGVVTVTGLSDLNSGYTLHLKTQGPHVPADYLRPGCEKLVNCCGPEKQVD IFSLRSENKIVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNCKVYPIIHIFIDRTDPGE NCAISMCLNLIPIPGATGGLPVVRQTKKQLIKVSLGGPEHSFASRKLSSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES SFAHSKSSICNGTLISNKDLSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI KVKSNDYHNIKCTKECLVPAPKGSLLVTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIWVW FGYSIGRIAFILTFLLWIFNRLTRTHFRMDKQKDTCSGCGEFVDHTVKWARHDSNCSGSCPYCNKLSLKLKEHAK TCTSKVKELEQDEKVLIDIALVPKWSRRLESTIKAFSKTSLRIQVWVVSCLLMYFLFHPVSGLSSNLKGKDFWDKITEL EVCQPVCVYEEYCTCPIQEPPTLHNHSIHIVKRSLLSLPVAGAPRDLIDIEASWGTVHIENSYQPSVGGNHISLSWQS QNRVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSSESNNIFVSILEYAQEYETQFEYLTNNRKLGTWMHGVCTGTCP KCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHGSRCDL IDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKGDFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNL VDNDVTNMNFWKTTEAIKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFHS EKIDIRDGSPITLTKGRPYMGGGQITALLSVSGLELESKTVLPKGVLHITMCEGCYGCATGITCSVSITLDSPPDRYGL HLSNTEGVIASETTLTCSAVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLSTGNST CGKGFLSCLGSNIAHFFGSGITFLKDFFGSIWKGLVVIPIVILILILIFGNLLSLIKVCISGRKSTIDRKVYYESGKRELE RYRQIIKEEEEELRRNDKKK</p>
<p>>BDT53102.1 RNA-dependent RNA-polymerase [Yezo virus]</p> <p>MAGLKSKEPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYFVSHNMFGTIQGHTRVKWMVRDFAEKHW DLLTEAKEFYRTNREEYIRDNLRETYWGSIEAELSLRNNQPIIWRADGYTITSASMWRGDSGKGEINLIQSHNNHF DAAYPELAFYRSGPAVSREDKTVLEAVGETIIDEDESDTEMEVAKLEDFTLPTYESERIELLSKPTMPPVGPVRRLLPA RLEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRWLNPISKIRRENLRVIAISD QLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRI LNKLTPTHLYNDPLSVVRQICLAFGEECGRVLVDFSLGVPVSYLSLSSLELDSLTRNKYYQVLEELSRADEDFDFSS KEISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQELPRRAKDNRREQEKLVINKEFFNDRAISKVFSLQGRAYS GTNLSNLSYTHNLLMSKDKFKLTEDDVQLELEQKIRAMLAKEERVPIAIIICSMMENRFNNLFKRLPPSCAQECEV LFDSIRNAESYASAWRSALRLKGVAYEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTKQKRPEIRDYTPD FSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKELLGTGKQNPVHLKT EKYDESDCTVTSREIIAIEVGQYQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHCADSSSTRLSDWVWISPEDARLLKE SISFLFHEMGENSPPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVK KALVEGVTMDRASCEKVIEEVVKNMDEIISLVEETKNKHVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAI KSIASEQESVKYLCSQIQLSEHLPCCHTDLPVSKPRSLFSTRCPDITVRHMTGDGSTDSELTDLKAIRLTLPGKTER ERKIKRGLEQLIRLSMSDSHIPCIKLPQTGQILINRHAFNPVKVSEKRAAKNDEFDRSKLERLTKLLSKERLTGYSEKACK IMNTLLEKTHLQNSRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI LNRKNKSLFNLCLIFKETVLEVLRLNNGTPYDFIEIATLTKLLSFDWFQELVLYSKLCELFTGCKQFNRSKGVK RRVRHTSINLAIQLPSNKKENMKCCCYNLDFSRNKSTFLMNRRVAVLGAAYPYILIITTLQCLQHQRCLDELTKHASL QRDILTANAKLLDLLQSTLCKANLGSFEQAALRRHCKQTGNFLDHSSYDMIVNTLSGLSVVFGALGDTLLNSQ PFNKQIQNMRFMTLSGLSRLVSPLELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSLS IFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVEETAKEHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPR HELPTEDAIPEDSFSTSSSTSASSTRSFSSGKNIKTLFGRLLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPN LQRLYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPNWCSSISEVVETTSIVSEPKHYISIKDALKTIT</p>

GCETKKFVKMLRNRLVLKLGMEQKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNNWRDIINKSLSDTLT
NDGNMIYCWLSMASGVKRGKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGEELLYC
VDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFLEQHG
NNIVKFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSRWFVLDLSENGLSPPDAEI
TKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLTCLRGILAKYNLEDSLDLDFKWTISMIAANSNFEVAKK
LTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKV VHAT
TEMFSRTLLSTTNDGLTNSHLKEAILNEGLAKMMLSRRNHGRPVSSEMDDDGCLQFFRVLCSIGDNTKWGPIHCCSL
FSGMMQQLLDYDPDWCNMKYKLTFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLESIEIWSQPMI
QFLIRTYLCK

>BDT53101.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPGSCPEAYISFDGKKSDELDAILSGALVDSLKFAAPI
PECAWNLTNKIFTEGMAWFWNANKDQKCMAWDKKYDTRLSTLSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE
VTKVYIAPKKYVNDMILMVTDMRSKRRLHGITEEQEALSRKGAKHAPWVEDVWVGDEGIFSLPSWGGWNGE
KTKKGLLLGGTAVAHVLQKKVITLKIFRSKVEKAGELLNNQKMDDELGIDVSQARLMHAHMEGCLKEAEGLIKDSV
TSAYVQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKGATYKWGSTLANMCATG
DFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSSENPAAKVVCFLFNTHRAHSDWN
SPTSIVPPEHYFHHQSLRLRGPFCVSLVRGNALRVNIVEEMGTGGNP

>BDT53100.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGLNTTVKGEAPSTTPAASAVAPTNTLPEKTTTVAPGNTTRVATRPSTSPAL
SRWLAGLSYRNEDFHRRVATGMVRSADGARMESNILGYSGLNSKGEQLTTTLIRAVDPRIADVQVKRTLAVKD
RVAGYSATAAYNYLGKMYNVNDEEDGVVTVTGLSDLGNSGYTLHLKTQGPVHPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENIKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNSGKVYPHIFIDRTDPGE
NCAISMCLNLIPIPGATGGLPVQRQTKKQLIKVSLGGPEHSAFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES
SFAHSSICNGTLISNKDLSGVKGCYVVARATVMHNCKQADMPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI
KVKSNDYHNIKCTKECLVPAPKGSLLVTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV
FGYSIGRIAFILFLLWIFNRLTRTIIFRMDKQKDTCSGCGEFVDHTVKWARHDSNCSGSCPYCNKLSSSLKLEHAK
TCTSKVKELEQDEKVDIALVPKWSRLESTIKAFSKTSLRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDSITE
LEVCCPVCEYEEYCTPIQEPPTLHNHSIHHIVKRSLLSLPVAGAPRDLIEASWGTVHIENSYQPSVGGNHISLSWQ
SQNRVGSKVVVAGKSEAILRDLPRSGLKWSITSPDSSESRIKFVSILEYAQEYETQFEYLTNRKLGTMHGVCTGTCP
EKCGKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHSGRQCD
LIDAGTTISLGGISVSFSGVTGTTMLPRQIALVHKAPGNHKKDFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNG
LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQQYFFH
SEKIDIRDGSPITLTKGRPYMGGGQITALLSVSGLELESKTVLPKGVKLHITMCEGCYGCATGITCSVSITLSDSPDRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFCSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLTSTGN
STCGKGLSCLGSNIAHFFGSIQFTLKDFFGSIWGLVVIPIVILILLIFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRKIIKEEEELLRRNDKKK

>BDT53099.1 RNA-dependent RNA-polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNLFVASIVMPVDESFKVVRMPGDGKCFYYSVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKEFYRNREEYIRDLNRETYWGSIEAEILSLRTNQPIIIWRAEDGYTITSASMWRGDSGKGEINLIQSHNNHF
DAAYPELAGTSGPAVSREDKTVLEAVGETIIDEDESDEMEVAKLEDFTLPTYESERIELLSEPTMPVPVGPVRRPLA
RLAEMLYQNTLPGVGRHLNKLKLYSCNVSVLFINPGEALLPSHSEVGGKVSISELGRWLWNPSPKRIRKENVTRTIAISD
QLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRI
LNKLTPTHTLYNDPLSVVRQICLAMFGEECGRVLDFLSCLPVSYLSLSELDLSTRNKYYQVLEELSRADTEDDFDSS
KEISEIKATVDCKALRESKESCEQATGTVLQILGISRQELPRRAKDNRRREQEKLVINKEFFNDRAISKFVSLQGRAYSG
TNLSNLSYTHNLLMSKDKFKLTEDDVGQLELEQRKIRAMLAKEERVPIAICSMMENRFNNLFKRLPPSCAQECEVLF
DSIRNAESYASAWRSALRLKGVAEGMFALKYNCYIPEDQKPTLSMIVQTYYPDKFVDFDLTKQKRPEIRDYTPDFS
ICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKELLGTGKQNPVHLKTEK
YDESDCTVTSREIIAEVGYQTDVDGKVFSDTHKWQEAIKLLSKLGIKALVHICADSSSTRLSDWISPEDARLLKESI
SFLFHEMGENSEPSDVTDMIVANISTTKVRAQLKSGSIVKTPVTTKDVAANAANAKLEKIRVRPTGAVLTDGLMDTVKK
ALVEGVMTDRASCEKVIEEVVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAIKS
IASEQESVKYLCSQIQLSEHLPCCHTDLPVSKPRSLFSTRCPDITVRHMTGDGSTDSELTEDKAIRLTLPGKTERER
KIKRGLQLIRLSMSDSHPCIKLPTGQILINRHAFNPTKVSEKRAAKNDEFRDSKLERLTKLKSKERLTGYSEKACKIM
NTLLEKTHLQGNRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTILD
RKKNSKLFNLDCLIFKETVLEVLRLNLTGTPYFDCIEIATLTKLLSFDWFQELVLYSKLCETFLQCCTEFNRSGIKVRR
VRHTSINLAIQLPNKKENMKCCCYNLDFSRNKSTFLMNRRAVLGAAYPYLIHTLQCLQHQRCLDELTKHASLQR
DILTANAKLLDLLQSTLCKANLGSFEQAALCLARRHCKQTNFLDHSSYDMIVNTLSGLSVVFGALGDTLLNSQPFN
KQIQNMRFMTLSGLSRLVSPLELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSLSIFG
MNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVLLEATAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPRHEL
PTEDAIPEDSFSTSSSTSISSTRSFSSGKNIKTLFGRKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQR
LYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEISIEKCRKDPRNWCSSISEVVETTSIVSEPKHYISIKDALKTITGCE

TKKFVKMLRNRLVKLGMEQGKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSDTLLTNDG NMIYCWLKSMASGVKRGKLPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDSRGESEELYCVDLL YSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTRIEIALKAQELRFLEQHGNNIV KFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLISRWVFDLCSENGLSPDPAEITKH LDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLTCLRILAKYNLESDLDLDFKWTISMIANSNFEVAKKLTG RTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGKTVVHATTE MFSRTLLSTTNDGLTNSHLKEAILNEGLAKMMLSRRNHGRPVSEMDDDGCLQFFRVLCSIGDNTKWGPIHCCSLFS GMMQQLLDYDPWCNMYKLTFLKNLYRKVEIPSAIQILTTFKTRLASKYKLETMRENELRKLLESIEIWSQPM IQFLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVVAHAGSSDDYAKCITLSGAV SSTFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLIN
>WEY08193.1 polyprotein, partial [Yezo virus]
VKANLNRDENRVIEDPMIQLVPEKLRRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVT
>UYR58269.1 nucleoprotein [Yezo virus]
MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQCEPGSCPEAYISFDGKKSDELDAILSGALVDSLKFAAPI PECAWNLTNKIFTEGMAWFNANKDQKCMAWDKKYDTLRSTLSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE VTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRLGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK KTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQQKMDELGIDVSQARLMHAHMEGCLKEAEGLIKDSV TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKGATYKWGSTLANMCATG DFNGERVHMHGPVFTPHRMSEMTAAIGAPLSNPVKIKEGSASYRYLTNLKTSSENPAAKVVCLEFNTHRAHSDWN SPTSIVPEHYFHHQSLRLGPFCHVSLVRGNALRVNIVEEIGTGGNP
>UYR58268.1 glycoprotein precursor [Yezo virus]
MLIMQYRDFLALWLLASVCLSESGDGLNNTTVKGEAPSPPTPAASAVAPTNNKTLPEKTTTVAPGNTTRVATRPTSSPAL SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTLAVKD RVAGYSATAAYNYLGKMYNVNDEGVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD IFSLRSENKVVVAGKSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNNGKVYPPIHIFIDRTDPGE NCAISMCLNLIPIPGATGGPVRQTKKQLIKVSLGGPEHSFAFSRKLSSLRTQHNHAHQTPCNQPSHIMEIDQYRLHAPES SFAHSKSSICNGTLISNKDLSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI KVKSNDYHNIUKTKECLVPAPKGSLLVLTCPDGEDIVLHTNKNVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV FGYSIGRIAFILTFLLWIFNRLTRTIIFRMDKQKDTCSGCGEFVDHTVKWARHDSNCSGSCPYNKLSLSSKLKEHAK TCTSKVKELEQDEKVDIALVPKWSRRLESTIKAFSKTSLRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDKSITE LEVQCQPCVYEECYCTCPIQESPTVHNHSIHIVKRSLLSLPVAGAPRDLDEASWGTVHIENSYQPSVGGNHISLSWQ SQNRVSGKVVVAGKSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNNGKVYPPIHIFIDRTDPGE EKCGKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTEYARTTVIACVEFEHGSQRQCD LIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKKDFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNG LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQQYFFH SEKIDIRDGSPITLTKGRPYMGGGQITALLSVSGLELESKTVPKGVKLHITMCEGCYGCATGITCSVSITLSDSPDRYGL HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPPEEVVLEHRSVLTSTGN STCGKGFLSCLGSNIAHFFGSGITFLKDFFGSIWKGLVVIPIVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE LERYRQIIKEEEELRRNDKKK
>UYR58267.1 RNA-dependent RNA polymerase [Yezo virus]
MAGKLSKRPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYFSVSHNMFGTIQGHTRVKWMVRDFAEKHW DLLTEAKEFYRSREEYIRDLNRETYWGSIEAEILSLRTNQPIIIWRAEDGYTITSASMWRGDSGKGEINLIQSHNNHFD AAYPPELAGTTSGPVTSREDKTVLEAVGETIIDEDESDEMEVAKLEDTFPTYESERIELLSKPTMPPVGPVRRRLPAR LEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRWLWNPSCRIRKENLRTVIAISDQ LMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKVKSRIL NKLTPHTLYNDPLSVVRQICLAMPFGEECGRVLDFSLGPVSYLSLSLELDSLTRNKYYQVLEELSRADTEDFDFSSK EISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQEIIPRAKDNRRREQEKLVINKEFFNDRAISKFVSLQGRAYSG TNLSNLSYTHNLLMSKDKFKLTEDDVQGQLELEQRKIRAMLAKEERVPIAICSMMENRFNNLFKRLPPSCAQECEVL DSIRNAESYASAWRSALRLKGVAYEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTQKRPEIRDYTPDFS ICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKELLGTGKQNPVHLKTEK YDESDCTVTSREIIAEVGYQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHICADSSSTRLSDWWISPEDARLLKESI SFLFHEMGENSEPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKK ALVEGVMTDRASCEKVIEEVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWLMEIECCRCKACVAMKAIDAIKGI ASEQESVKYKLSQIQLSEHLPCCHTDLPVSKPRSLFSTKRCPTDITTVRHMTGDGSTDDELTDELKAIKRLTLPGKTERE KIKRGLEQLIRLSMSDSHIPCIKLPTGQILINRHAFNPTKVSEKRAAKNDEFRDSKLERLTLLSKERLTGYSEKACKIM NTLLEKTHLQGNRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTINR KKNSKLFNLDCLIFKETVLEVLRLRLNGTPYFDCIEIATLTKLLSFDWQFQELVLYSKLCETFLQCCTEFNRSGIKVRRV RHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRVAVLGAAYPYILIITLQCLQHQRCLDELTKHASLQRD ILTANAKLLDLLQSTLCKANLGSFEQAALERRHCKQTGNFLDHSSYDMIVNTLAGLSVVFGLALGDTLLLSNQPFN KQIQNMRFTMLSGLSRLASPLELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSLSIFG

MNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVL EETAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPRHEL
PTEDAIPEDSFSTSSSTS AISSTRSFSSGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQR
LYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPRNWCSISEVVETTSIVSEPKHYISIKDALKTITGCE
TKKFVKMLRNRLV KLGMEQGKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSDTLTNDG
NMIYCWLKSMASGVKRG LKPYIKNLR YDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGEEELCYVDLL
YSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFLEQHGNIV
KFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSKW FVDLCSENGLSPDDAEITKH
LDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT KLRGILAKYNLEDSDLDFKWTISMANSNFEVAKKLTG
RTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKV V HATTE
MFSRTLLSTTND DGLTNSHLKEAILNEGLAKMMLSRRNHGRPVSEIDDDGCMQFFRVFCISGDNTK WGPIHCCSLFSG
MMQQLLKDYDPWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWS DQPMI
QFLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS
KSTFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLIN

>UYR58265.1 glycoprotein precursor [Yezo virus]

MLIMQYRDFLALWLLASVCLSESGDGS LNTTVKGEAPSTTPAVSAVAPTNKLTPEKTTTVAPGNTTRVATRPTSSPAL
SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTVLAVKD
RVAGYSATAAYNYLGKMVYNVDE DGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNGKVYPIIHIFIDRTDPGE
NCAISMCLNPIPGATGGLPVRQTKKQLIKVSLGGPEHSAFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPES
SFAHKSSSICNGLTISNKDLSGVKGCVVARATVMHNCQADMEPFESRGKCLVDNKLVSCEASESIRCVKVNDDTTFI
KVDNDVTNMNFWKTKTEAIKKDWMWSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
FGYSIGRIAFILTLLWIFNRLTRTHFRMDKQKDTCSGCGEFVDHTVKWARHDS C NSGSCPYCNKLSLSKLKEHAK
TCTSKVKELEQDEKVDIALVPKWSRRLESTIKAFSKTLSRIQWVMVSCLLMYFLFHPVSGLSNLKGKDFW DKSITE
LEV CQPVCVYEEEEYCTCPIQESPTLHNHSIHIVKRSLLSPVAGAPRDL D IEASWGTVHIENS YQPSVGGNHISLSWQ
SQNRVGSKV VVAGKSEA IRLDPRSG LKWSITSPDSES RNIFV SILEYAQEYETQFEYLT SNRKLGTWMHGVCTGTCP
EKCGCKSHTCSSQKWENTRNWRCNPWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHGS RQCD
LIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKDFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNG
LVDNDVTNMNFWKTKTEAIKKDWMWSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
SEKIDIRDGSP TLT LKGRPYMGGGQITALLSVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLDS PDRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLTSTGN
STCGKGFLSCLGSNIAHFFGSIGTFLK DFFGSIWKGLVVIIPV IILILLILFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRQIIKEEEE LRRNDK KKIPIKILPTGQILINRHAFNP TKVSEKRAAKNDEF RDSKLERLT KLLSKERLTGYSEKA
CKIMNTLLEKTHLQGN SRCC LKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKS
DTILNRKKNKSLFNLDCLIFKETVLEVLRR L NGTPYFDCIEIIATLTKLLSFDWFQELVLYSKLCETFLQCCTEFNRSGI
KVRRRHTSINLA IQLPSNKKENMKCCYNLD FSRNKDFTLMNRRAVAVLGAAYPYILIHTTLQCLHQHQRCLTKEH
ASLQRDILTANAKLLDLLQSTLCKANLGSFEQA AELRRHCKQTGNFLDHSSYDMIVNTLAGLSVVFGLALGDTLLL
NSQPFNKIQIQNMRFTMLSGLSRLVSPLELGKKLSSSSRRIESGVSRLQLISYCCVEQVEQNSENWKQFDLCPNVFMP
SLSIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVL EETAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTL
PRHELPTEDAIPEDSFSTSSSTS AISSTRSFSSGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSY
PNLQRLYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKD L RNWCSISEVVETTSIVSEPKHYISIKDALK
TITGCETKKFMKMLRNRLV KLGMEQGKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSD L
LTNDGNMIYCWLKSMASGVKRG LKPYIKNLR YDREAKSDATDCLKLILSNEE IENLQSFIRVMKAIVDPSRGEEELCY
VDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFLEQH
GNIVKFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSKQLSPEAMKRLTSLGPVNLIKSRWFVDLCSENGLSPDDA
EITKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT KLRGILAKYNLEDSDLDFKWTISMANSNFEVAK
KLTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKV VHA
TTEMFSRTLLSTTND DGLTNSHLKEAILEGLAKMMLSRRNHGRPVSEMDDDGCLQFFRVFCISGDNTK WGPIHCCSL
FSGMMQQLKDYPDWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKTRMASKYKLETMRENELRKLLNESIEIWS DQ
PMIQFLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSG
AISKSTFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLINSSVTSP
QSMVQACQVSGQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSF CRLYIPVYSNLTGSSIAVEDSE
SISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGS SSNFRFELKRELTETES EYLSV
HRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSNFEFVKLLEEKPI LRTFGLVRSVICAIAGYYRSFSSE
GTEKTVKANLRDENRVIEDPMIQLVPEKLRRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIE
RLKQTLSSRNVIHGLAGGIKELSLPIYTIFLKS YFFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWDR
ILSSTLSVSYKSQDFEPSLFNSSLKLVDIIRMEEGPTDLSLAEVDLSEFRSLAMQFSEPNRLKLKIVESRPHTKELD
ANKVIIVKSSIFNASEQYKIQNNPALIVGCMLESTIIMDNVSTFLMNRVAVLGAAYPYILIHTTLQCLHQHQRCLTKEH
ASDESPDLDEVSTANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVSSFSVK
YWKIMQSISAIANLNLTQQEKTDLLCSFLHWKPNKS IAMD C PLMKHEMSMLSEFQGSSLLATLSSEVMNIKNESTR
HQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGE GQKNGRFTFSSNGGESTGIFIRGKLHIYLSLESEILLSEVEKQVLGW
MNRRTDIVVKEQHDYFLNLLPTYPMVPRKHTDGYIRGVVINRNNPRMLGFTPAKYNLSLVVRVKRILTVKSSKTC
DCSEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIIEPEKKVEVPSVAYQDFKVVIGKIRLDSEALLSSTVLLH

YYLCHSPPEVRMELSSKSQRMIELLTGEGVIPGYRVSQKLYGDSRSIKKDLRVTPNLQLNIAGRLETYLNSTDARVSD
WSEVQQILDESGCSNIDVQLEQKTLEDVSWRCLLSKISNRAPSM LTLRTLVS LVGSETIPNFLSGLLVHADVLDKLLR
LGKSAKNELSASSLDDRGLELLLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDFLSFSITV
PIPLRKDASKREKAMAQGHALVAYNLFFDEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKASNTTLLKLLVSSG
LGM RDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF

>UYR58263.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLD TTHFLGLNTKYTKSLALQPCEPGSCPEAYISFDGKKSELDAILSGALVDSLKFAAPI
PECAWNLTNKIFTEGMAWFNANKDQKCMAWDKKYD TLRSTLPSPEDVAQYQIAARKWRKDIGYECSPNNGIMRGE
VTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRKGAEHAPWVEDWVKGGEDRIFSLPSWGGWNK
KTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMD ELGIDVSQARLMHAHMEGCLKEAEGLIKDSV
TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKKLLDTLKG TAYKWGSTLANMCATG
DFNGERVHMHPPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSES NPAAKVVC ELFNTHRRAHSDWN
SPTSIVPPEHYFHQSLLERLGPFCHVSLVRGNALRVNIVEEIGTG GNP

>UYR58262.1 glycoprotein precursor [Yezo virus]

MLIMQYRDFLALWLLASVCLSESGDGS LN TTVKGEAPSTTPAASAVAPTNTKLTPEKTTTVAPGNTTRVATRP TSSPAL
SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADV FQVKRTVLAVKD
RVAGYSATAAYNYLGKMVYNVDEDDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENIKVSSPEGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNGKVYPIIHIFIDRTDPGE
NCAISM CNLPIPGATGGLPVRQTKKQLIKVSLGGPEHSAFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYRLHAPES
SFAHKS SSGICNGTLISNKDLSGVKGCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI
KVKSNDYHNIICKTKECLVPAPKGS LVLVTCPDGEDIVLHTNKVDLDCPLLSYL GKPAIYVCRATYRPRVFYALIIWV V
FGYSIGRIAFILTFLLLWIFNRLTRTII FRMDKQKDTCSGCGEFVDHTVKWARHDS C NSGSCPYCNKLSSLSKLKEHAK
TCTSKVKELEQDEKVL DIALVPKWSRRLESTIKAFSKTLSRIQWVVV SCLLMYFLFHPVSGLSNLKGKDFWDKSITE
LEVQCQPV CVYEEEEYCTCPIQESPTVHNHSIHIVKRSLLSPVAGAPRDL D IEASWGTVHIENSYQPSVGGNHISLSWQ
SQNRVGSKV VVAGKSEAILRDLPRSGLKWSITSPDSSES RNIFVSILEYAQEYETQFEYLT SNRKLGTWMHGVCTGTCP
EKCGKSKTSSSQWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWST EYARTVIACVEFEHGSRQCD
LIDAGTISLGGISVSFGVTGTTMLPRQIALVHKAPGNHCKQDFDLVKPIGMIDGTDLC LKQACTHGKIDVNDTTFI
LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNP GDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
SEKIDIRDGSP TLT LKGRPYMGGGQITALLSVSGLELESKTVLPKGVKL HITMCEGCGCATGITCSVSITLDS PDRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPP EEVVLEHRSVLTSTGN
STCGKGFLSCLGSNIAHFFG SIGTFLKDFFGSIWKGLVVIIPV IIVILILILIFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRQIIKEEEE LLRRNDKKK

>UYR58261.1 RNA-dependent RNA polymerase [Yezo virus]

MAGLSKRPELTWEHRINNL FVASIVMPVDESFKVVRMPGDGKCFYYSVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKFYSRREEYIRDLNRETYWGG SIEAEILSLRTNQPIIIWRAEDGYTITSASMWRGDSGKGEINLIQSHNNHFD
AAYPPELAGTTSGPTVSREDKTVLEAVGETI IEDDES DTEMEVAKLED TFLPTYSERIELLSKPTMPPVGPVRR LPARL
EEMLVNEQTLPGKVGRHLNKL YSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRLWLNPSKRIRKENLRTVIAISDQL
MAYVDKGYVLRTFVPKTFISR HAGLVPD LVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRILN
KLTPHTLYNDPLSVVRQICL AMFGEECGRVLDFL SCLGPVSYLSLSSLELDSLTRNKYYQVLEELS RADTEDDFDSSKE
ISEIKATVDCCKALREASDKESCEQATGTVLQILGISRQEIPRAKDNRREQEKL VINKFFNDRAISKFVSLQGRAYSGT
NLSNLSYTHNLLMSKDKFKLTEDDV GQLELEQRKIRAMLAKEERVPIAII CSMMENRNFNNLFKRLPPSCAQECEV
LFD SIRNAESYASAWRSALRLKG VAYEGMFLKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTKQRPEIRDYTPD
FSICQMIVEHAEGLVPPKVSSVQLQAHDLEESGVKLRR TKEKAFPLPEVPIKELRSLDRLKELL LGTGKQNQPVHLKT
EKYDESDCTVTSREIIAIEVG YQTDVDGKVFSDTHKWQEAIKLLSKLGIKALVHCADSSSTRLSDW WISPEDARLLKE
SISFLFHEMGENSPSDVT DIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVK
KALVEGV TMDRASCEKVIEEVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWL MEDIECCRCKACVAMIKDAIK
GIASEQESVKYLCSQIQLSEHLPCCHTDLP SVKPRSLFSTRCPDITTVRHMTGDGSTD DSELTELDKAIRLTLP GKTERE
RKIKRGLEQLIRLSMSDSHIPCIKLPTGQILINRHAFNPTKVSEKRAAKNDEF RDSKLERLT KLLSKERLTGYSEKACKI
MNTLLEKTHLQGN SRCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRR LNGTPYFDCIEIIATLTKLLLSFDFWQELVLYSKLCETFLQCCTEFNRSGIKV
RRVRHTSINLAIQLPSNKKENMKCCCYNLDFSRNKSTFLMNRRVAVLGAAYPYILIITTLQCLQHQRCLDELTKEHASL
QRDILTANAKLLDLLQSTLCKANLGSFEQA ALELRHCKQTGNFLDHSSYDMIVNTLAGLSVVFGLALGDTLLNSQ
PFNKQIQNMRF TMLSGLSRLASPLELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMP SLS
IFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK VLEETA EKHMSWELSLMNDLEKRTKKHERHARLLGLPTLPR
HELPTEDAIPEDSFSTSSSTS AISSTRSFSSGKNITLFGRLSEIKPFVVEDC LEVSRDELND FKVQISDVGRGYSYEPN
LQRLYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPRNWC SISEVVETTSIVSEPKHYISIKDALKTIT
GCETKKFKV KMLRNRLVKLGMEQ GKDKIGEPSSFS LLESVDLTLEAQKENIRKGILEPSKLSFY NWRDIINKSLSDTLT
NDGNMIYCW LKSMA SGVKRGLKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGE EEEELYC
VDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQM KKYDCLSFTREEIALKAQELRFL EQHG
NNIVKFTNLIFFLCLACPWCMHYKSFELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSKW FVDLCSENGLSPDPAE
ITKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT KLRGILAKYNLEDSDLDFKWTISMANSNFEVAK
KLTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKVV
HATTEMFSR TLLSTTND DGLTNSHLKEAILNEGLAKMMLSRNHRGPVSEIDDDGCMQFFRVFCISGDNTKW GPIHC
CSLFSGMMQQLLDYDPDWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMR ENELRKL LNESIEIWS
DQPMIQFLIRTYLCKGDMAMTCYNHMGQGIHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCIT
LSGAISKSTFER YERTFWPQMCRLKNLMAGVGRCCQM KDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLIN
SSVTS PQSMVQACQVSGQAMYN SVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPVYSNL TGSSI
AVEDSE SISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGSSSNFRFELKRELTETES
EY LKS VHRDIDEASEMLVETRTKALFVGEEDYDGFPCKRIKESNLIRS NFVVKLLEEKPI LRTFGLVRSVICAIAGYY
RFSSEGETEKT VKANLNRDENRVIEDPMIQLVPEKLRLRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEE
YSSEIERLKQTLSSRNVIHGLAGGIKELSLPIYTFILKS YFFKLDNVFFD HKDRWNTQHSTNYRDSTGKKLDGKIVTKLA
VWLDRI LSS T LSVSYKSQDFEPSLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLKIVESRPH
TKELDANKVIIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDY GGLMMDKHKVNCFYESIATVCNSITER
SKALEASDESPDLDEVSTSA NTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVS
SFSVKYWKIMQSISA IANLNTQQEKTDL LCSFLHWPKNKS IAMQDCPLMKHEMSMLSEFQGSLLATLSSEVMNIK
NESTRHQLEDLIDFIKDPNLLVTKKPIFGTTAIFRTWGEGQKNGRFTFSSNGGESTGIFIRGKLHIYLSLESEILLSEVEKQ

VLGWMNRRRTDIVVKEQHDFLNLLPTYPMVPRKHTDGYIRGVVINRNNPRMLGFTPAKYNSLVVRVKKRILTVKK
SSKTCDCEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIIEPEKKVEVPSVAYQDFKVVIGKIRLDSEALLSST
VLLHYYLCHSPEEVRMELSSKSQRMIELLTGEGVIPGYRVVSQKLYEDSRSIKKDLRVTPNLQLNIAGRLENYLNSTDA
RVSDWSEVQQILDESGCSNIDVQLEQKTLEDRVSWRCLLSKISNRAPSMLTLRTLVS LVGSETIPNFLSGLLVHADVLD
KLLRLGKSAKNELSASSLDDRGLELLLCTLYQLQVENKILHCQTYSTGSIFS LVTSKTFDSGNDMILGFTLDDEDFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFFDEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTTLLKL
LVSSGLGMRDSILRLSPLIQFIATLVGRMLPEYLLKAKEVKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF

>UYR58260.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPEGSCPEAYISFDGKKSDELDAILSGALVDSLKFAAP
VPECAWNLTNKFTEGMAWFNANKDQKCMAWDKKYDTLRSTLPSPEDVAQYQIAARKWRKDIGYECSPNNGIMRG
EVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEALSRKGAEHAPWVEDWVKGGEDRIFSLPSWGGWKN
KTKKGLLLGGTAVAHVLQKKVITLKIFRSKVEKAGELNNQKMDDELGIDVSQARLMHAHMEGCLKEAEGLIKDSV
TSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPVGQKLLDLTKGTAYKWGSTLANMCATG
DFNGERVHMHPPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSASYRYLTNLKTSESNPAAKVVCFLFNTHRRHSDWN
SPTSIVPEHYFHQSLLERLGPFCVSLVRGNALRVNIVEEMGTGGKP

>UYR58259.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGLNTTVKGEAPSPPTPAASAVAPTNTLPEKTTTVAPGNTRVATRPTSSPAL
SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPRIADVQVKRTVLAVKD
RVAGYSATAAYNYLGKMVYNVDEEDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLLTENSVEQVNTVNNGKVYPIIHIFIDRTDPGE
NCAISMENLIPGATGGPLVRQTKKQLIKVSLGGPEHSFSLKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPESS
FAHSSSVVNCNGLTISNKLDSGVRGCVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI
KVKSNDYHNIICKTKECLVPAPKGSLLVLTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV
FGYSIGRIAFILTLLLWIFNRLTRTIFRMDKQKDTCSGCGEFDHTVKWARHDSCNSGSCPYCNKLSLKLKEHAK
TCTSKVKELEQDEKVLIDIALVPKWSRRLESTIKAFSKTSLRIQWVVVSCLLMYFLFHPVSGLSNLKGKDFWDKSITE
LEVQCQPVCVYEECYCTCIQESPTLHNHSIHIVKRSLLSPVAGAPRDLIEASWGTVHIENSYQPSVGGNHISLSWQ
SQNRVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSSESNNFVSILEYAEYETQFEYLTNRKLTGMHGVCTGTCP
EKCGSKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTTVIACVEFEHGSRGQCD
LIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKKDFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNG
LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
SEKIDIRDGSPRTLTKGRPYMGGGQITALLSVSGLELESKTVLPKGVKLHITMCEGCYGCATGITCSVSITLSDSPDRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPPEVVLEHRSVLTSTGN
STCGKGFLSCLGSNIAHFFGSIGTFLKDFFGSIWKGLVVIPIVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRQIIKEEEEELLRNDKKK

>UYR58258.1 RNA-dependent RNA polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYYSVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKEFYRSREEYIRDLNRETYWGSIEAEILSLRTNQPIIIWRAEDGYTITSASMWRGDSGKGEINLIQSHNNHFD
AAYPPELASTTSGPAVSREDKTVLEAVGETIIDEDESDEMEVAKLEDFTLPTYESERIELLSKPTMPVGPVRRILPAR
LEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRWLNPSCRIRKENLRTVIAISDQ
LMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRIL
NKLTPHTLYNDPLSVVRQICLAMPFGEECGRVLDFSLCLGPVSYLSLSLELDSLTRNKYYQVLEELSRADTEDDFDSSK
EISEIKATVDCCALREASDKESCEQATGTVLQILGISRQELPRRAKDNRRREQEKLVINKKFFNDRAISKVFLQGRAYSG
TNLSNLSYTHNLLMSKDKFKLTEDDVQLELEQRKIRAMLAKEERVPIAIIICSMENRFNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKGVAEGMGFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFDLTKQKRPEIRDYTPD
FSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTEKAFPLPEVPIKELRSLDRLKELLGTGKQNPVHLKT
EKYDESDCTVTSREIIAIEVGQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHICADSSSTRLSDWWISPEDARLLKE
SISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVK
KALVEGVTMDRASCEKVIEEVVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWLMEIECCRCKDCVAMIKDAI
KGIASEQESVKYLCSQIQLSEHLPCCHTDLPVSNKTLFSLRSTFTRCPDITTVRHMTGDGSTDDESELFDKAIKRLTPGKTER
ERKIKRGLQELIRLSMSDSHIPCIKLPQTGQILINRHAFNPTKVSEKRAAKNDEFDRDSKLERLTLLSKERLTGYSEKACK
IMNTLLEKTHLQGNRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRLNGTPYFDCIEIATLTKLLSFDWFQELVLYSKLCETFLQCCTEFNRSGIKV
RRVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRVAVLGAAYPYILIITLQCLQHQRCLDELTKHASL
QRDILTANAKLLDLLQSTLCKANLGSFEQAALRRHCKQTGNFLDHSSYDMIVNTLAGLSVVFGALGDTLLNSQ
PFNKQIQNMRFMTLSGLSRLVSPLELGKKLSSSSRRIESGVSRLYLQLVSYCCVEQVEQNSENWKQFDLCPNVFMPSL
SIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVLLEETAEKHMSWELSLMNDLEKRTKKHERHARLLGLPTLPR
HELPTEDAIPEDSFSTSSSTAISSTRSFSSGKNILTLFGLRSLKIPFVVEDCLEVSRDELNDFKQVLSIDVGRGYSYEPN
LQRLYKNVKTIKENPNHTFGSFELIQAFTELARKKFPSEIEKCRKDPNRNWCSSISEVVETTSIVSEPKHYISIKDALKTIT
GCETKKFKVLMRLNRLVKLGMEQGDKIGEPSSFSLESVDLTLEAQKENIRKGILEPSKLSFYNNWRDIINKSLSDTLT
NDGNMIYCWLKSMAAGVKRGLKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVDPSRGEELLYC
VDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFLEQHG
NNIVKFTNLIFFLCLACPWCMHYKSFEYLYNKILETEPSKQLSPEAMKRLTSLGPVNLIKSRWFVLDLCSENGLSPDAEI
TKHLDWLYRYCCALVSSNEPLAATVNAMKPDVAQNTQVLTKLRLGILAKYNLESDLDLDFKWTISMANSNFEVAKK
LTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQAFSTILNHNHEFFAVLAPKAQLGGHRDLVLVQESGTVVHAT
TEMFSRTLLSTTNDGLTNSHLKEAILNEGLAKMMLSRNHNHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSL
FSGMMQQLLDYDPWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKTRMASKYKLETMRENELRKLLESIEIWSQD
PMIQLIRTYLCKGDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSG

AISKSTFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLINSSVTSP
QSMVQACQVSGQQAMYNVPLITNICFTVLRQQMFFNHTFEFFMREYGPLVHGLPSSFCRLYIPVYSNLTGSSIAVEDSE
SISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGSSSNFRFELKRELTETESSEYLSV
HRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSNEFEVKLLEEKPIRLTFGLVRSVICAIAGYYRSFSSE
GTEKTVKANLRDENRVIEDPMIQLVPEKLRLRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIE
RLKQTLSSRNVIHGLAGGIKELSLPIYTIFLKSYYFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLDL
ILSSTLSVSYKSQDFEPLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLVESRPHTKELD
ANKVIIKSSIFNASEQVKIQNNPALIVGCMLSETHIMDVKPARVDYGGLMMDKHKVNCFYESIATVCNSITERSKALE
ASDESPDLDEVSTANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVSSFSVK
YWKIMQSISAIANLNTQQEKTDLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQGSLLATLSSEVMNIKNESTR
HQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEQKNGRFTFSSNGGESTGIFIRGKLHIYLSLESEILLSEVEKQVLGW
MNRRTDIVVKEQHDYFLNLLPTYPMVPRKHTDGYIRGVVINRNNPRMLGFTPAKYNSLVVRVKKRILT VKSSKTC
DCSEPRLYWTPNATIIYDELTESATYHEEVVKLRQSVSMIEPEKKVEVPSVAYQDFKVVGIGKLDSEALLSSTVLLH
YYLCHSPEEVRMELSSKSQRMIELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTPNLQLNIAGRLETYLNSTDARVSD
WSEVQQILDESGCSNIDVQLEQKTLEDVSWRCLLSKISNRAPSMLTRTLVSLVGSETIPNFLSGLLVHADVLDKLLR
LGKSAKNELSASSLDDRGLELLLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSVNDMILGFTLDDFSLFSITV
PIPLRKDASKREKAMAQGHALVAYNLFFDEVNMFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTTLLKLLVSS
GLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF

>UYR58257.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPEGSCPEAYISFDGKKSDELDAISGALV
DSLKFAAPIECAWNLTNKFTEGMAWFNANKDQKCAWWDKKYDTLRSTLSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITTEEQEALSRKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGTAIWGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTESNPAAKVVCELFNTHRRASDWSNPTSIVPEHYFHQSLLERLGPFCHVSLVRGNALRV
NIVEEMGAGGTH

>UYR58256.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGLNNTTVKGEAPSPPTPAASAVAPTNNKTLPEKTTTVAPGNTTRVATRPSTSPAL
SRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAYDPRIADVQVKRTVLAVKD
RVAGYSATAAYNYLGKMVYNVDEEDGVVTVTGLSDLGNSGYTLHLKTQGPHVPADYLRPGCEKLHNCCEGPEKQVD
IFSLRSENIKVSSEPGSKYLSLAYLTGYLGFDARGCKAVENHGSMLLTENSVEQVNTVNNGKVYPHIFIDRTDPGE
NCAISMENLIPGATGLPVROTKKQLIKVSLGGPEHSAFRLKLSLRTQHNHAHQPCNPQSHIMEIDQYKLHAPES
SFAHSKSSICNGTLISNKDLGKGVKCYVVARATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFI
KVKSNDYHNIICKTKECLVPAPKGSLLVTCPDGEDIVLHTNKVDLDCPLLSYLGKPAIYVCRATYRPRVFYALIIWVV
FGYSIGRIAFILTFLLWIFNRLTRTIIIFRMDKQKDTCSGCGEFVDHTVKWARHDSCNSGSCPYCNKLSSLSKLKEHAK
TCTSKVKELEQDEKVDIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSNLKGKDFWDKSITE
LEVQCQPVCVYEEEEYCTCPIQESPAVHNHSIHIVKRSLLSPVAGAPRDLIEASWGTVHIENSYQPSVGGNHISLSWQ
SQNRVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSESSESRNIFVSILEYAEYETQFEYLTNRKLTGMHGVCTGTCP
EKCGCKSTCSSQKWEENTNRWCNPTWCWNIGGCTCCGADIDKPFQDWILTKWSTDYARTYIACVEFHEGSRQCD
LIDAGTITSLGYSVSFSGVTGTTMLPRQIALVHKAPGNHKKDLVLPKIGMIDGTDLCKLQACTHGPAGDFQIYNLNG
LVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQYYCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFH
SEKIDIRDGSPRTLKGRPYMGGGQITALLSVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLSDSPDRYGL
HLSSNTEGVIASETTLTCSAGQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPVEVVLEHRSVLTSTGN
STCGKGFLSCLGSNIAHFFGSIGTFLKDFFGSIWKGLVVIIPVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYESGKRE
LERYRQIIKEEEEELRRNDKKK

>UYR58255.1 RNA-dependent RNA polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYFVSHNMFGTIQGHTRVKWMVRDFAEKHW
DLLTEAKEFYRSREEYIRDLNRETYWGSIEAEILSLRTNQPIIWRADGYTITSASMWRGDSGKGEINLIQSHNNHFD
AAYPPELAGTTSGLPAVSREDKTVLEAVGETIIDEDESDEMEVAKLEDTFLPTYESERIELLSKPTMPPVGPVRRPAR
LEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSEVGGKVSISELGRLWLNPSKRIRKENLRTVIAISDQ
LMAYVDKGYVLRFTVPKTFISRHAGLVPPDLVRDMTLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRIL
NKLTPHTLYNDPLSVVRQICLAMFGEECGRVLDFSLGSPVSYLSLSSELEDSLTRNKYYQVLEELSRADTEDFDFSSK
EISEIKATVDCKALREASDKESCEQATGTVLQILGISRQELPRRAKDNRRQEKLVINKFFNDRAISKFVSLQGRAYSG
TNLSNILSYTHNLLMSKDKFKLTEDDVQGLELEQRKIRAMLAKEERVPIAIICSMMENRFNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKGVAYEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTQKRPEIRDYTPD
FSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKELLGTGKQNPVHLKT
EKYDESDCTVTSREIIAIEVGQYQTDVDGKVFSDTHKWQEAIKLLSKLGKALVHICADSSSTRLSDDWWISPEDARLLKE
SISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVTTKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVK
KALVEGVTMDRASCEKVIEEVIKNMDEIISLVEETKNKHEVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAIK

GIASEQESVKYLCSQIQLSEHLPCCHTDLPSPVKPRSLFSTRCPDITTVRHMTGDGSTDDSELTELDKAIRLTLP GKTERE
RKIKRGLQLIRLSMSDSHIPCIKLPTGQILINRHAFNP TKVSEKRAAKNDEF RDSKLERLT KLLSKERLTGYSEKACKI
MNTLLERTHLQGN SRCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRRNLNGTPYFDCIEIATLT KLLSFDFWQELVLYSKLCETFLQCCTEFNRSGIKV
RRVRHTSINLAIQLPSNKKENMKCCCYNLDFSRNKSTFLMNRRAVLGAAYPYILIITTLQCLQHQRCLDELTKEHASL
QRDILTANAKLLDLLQSTLCKANLGSFEQA ALELRRHCKQTGNFLDHSSYDMIVNTLAGLSVVFGLALGDTLLLSNQ
PFNKQIQNMRFMTLSGLSRLVSPL ELGKKLSSSSRRIESGVSRLYLQLISYCCVEQVEQNSENWKQFDLCPNVFMP SLS
IFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIKVLEETA EKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPR
HELPTEDAIPEDSFSTSSSTS AISSTRSFSSGKNIKTLFGRLKSEIKPFVVEDC LEVSRDELNDFKQVISDVGRGYSYEPN
LQRLYKNVKTIKENPNTFGS FELIQAFTELARKKFPSEIEKCRKDPRNWCSISEVVETTSIVSEPKHYISIKDALKTITG
CETKKFVKMLRNRLVKLGMEQGKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSDTLTN
DGNMIYCWLKSMA SGVKRGLKPYIKNLRYDREAKSDATDCLKILSNEEVENLQSFIRVMKAIVDP SRGEEEELYCV
DLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFTREEIALKAQELRFL EQHN
NIVKFTNLIFFLCLACPWCMHYKS FELYLNKILETEPSRQLSPEAMKRLTSLGPVNLIKSKW FVDLCSENGLSPDAEIT
KHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT KLRGILAKYNLEDSDLDFKWTISM IANSNF EVAKKL
TGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQQLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKV VHATT
EMFSRTLLSTTND DGLTNSHLKEAILNEGLAKMMLSRNRHGRPVSEMDDDGCLQFFRVFCISGDNTK WGP IHCCSLF
SGMMQQLLKDYDPWCNMYKLTFLKNLYRKVEIPSAAIQKILTTFKSRLASKYKLETMRENELRKLLNESIEIWS DQP
MIQFLIRTYLCKGDMAMTCYNHMGQGIHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSG
AISKSTERYFVPWQMCRLKNLMAGVGRCCQM SAKTLCGDTMLEFYSEFMLSFRITPAVKFIHTGLINSSVTSP
QSMVQACQVSGQQAMYN SVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYPVYSNLTGSSIAVEDSE
SISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGS SSNFRFELKRELTETES EYLSV
HRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSNFEFVKLLEEKPI LRTFGLVRSVICAIAGYYRSFSSE
GTEKTVKANLRDENRVIEDPMIQLVPEKL RRELERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIE
RLKQTLSSRNVIHGLAGGIKELSLPIYTIFLKS YFFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLD R
ILSSTLSVSYKSQDFEPSL FNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLKIVESRPHTKELD
ANKVIIVKSSIFNASEQVKIQNNPALIVGCM LSETIIMDVKPARVDYGGLMMDKHKVNCFYESIATVCNSITERSKALE
ASDESPDLDEVST SANTLTMLCRLIQKQNSRLVN FYMIKPMATDTEPTVTDLVSYGTKEGRLLLLPEPNVEVSSFSVK
YWKIMQSISAIANLNTQQEKTDLLCSFLHWKPNKS IAMQDCPLMKHEMSMLSEFQGSSLLATLSSEVMNIKNESTR
HQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGE GQKNGRFTFSSGNGESTGIFIRGKLHIYLSLESEILLSEVEKQVLGW
MNRRRTDIVVKEQH DYFLNLLPTYPMVPRKHTDGYIRGVVINRNNPRMLGFTPAKYNSLVVRVKRILTVKKSSKTC
DCSEPRLYWTPNAITIIYDELTESATYHEEVVKLRQSVSMIEPEKKVEIPSVAYQDFKVVIGKIRLDSEALLSSTVLLHY
YLCHSPEEVRMELSSKSQRMIELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTPNLQLNIAGRL ENYLNSTDARVSDW
SEVQQILDES GCSNIDVQLEQKTLED RVSWRCLLSKISNRAPSM LTRTLVSLVGSETIPNFLSGLLVHADVLDKLLRL
GKSAKNEL SASSLDDRGLLELLLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDD EDFSISITVPI
PPLRKDASKREKAMAQGHALVAYNLFFDEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKAGNTTLLKLLVSSGL
GMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEIKQSTNSCEFATEDDLLYLSEEELEPAKKEPEHGLFDLSF

>UYR58254.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPC EPGSCPEAYISFDGKKSD ELDAILSGALV
DSLKFAAPIECAWNLTNKIFTEGMAWFNANKDQKCAW DKKYDTLRSTLPSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALS RKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKT KKKGLLLGGTAV AHLVQKKVITLKIFRSKVEKAGELLNNQQKMDELGIDVS
QARLMHAHMEGCLKEA EGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGTAYK WGSTLANMCATGDFNGERVHMHPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVC ELFNTHRRASDWSNPTSIVPEHYFHQSLLERLGP FCHVSLVRGNALRV
NIVEEMGTGGKP

>UYR58253.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGLNTTVKGEAPSPTTPAASAVAPTNKTLPEKTTTAVPGNTTRVA
TRPTSSPALSRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPR
IADVQVKRTVLAVKDRVAGYSATAAYNYLGKMVYNVDEDEGVVTVTGLSDLGNSGYTLHLKTQGPVHPAD
YLRPGCEKLHNCCEGPEKQVDIFSLRSENIKVSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLL
TENSVEQVNTVNNNGKVYPPIIHIFIDRTDPGENCAISMENLIPIPGATGGLPVVRQTKKQLIKVSLGGPEHS
AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPESSFAHSKSSICNGTLISNKDLSGVKGCVVVA
RATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFIKVKSNDYHNIKCTKECLVPAP
KGSLLVLTCPDGEDIVLHTNKVDLDCPLLSYLGPAYVCRATYRPRVFYALIIWVVFYSGISGRIAFILT
FLLWIFNRLTRTHIFRMDKQKQDTCSCGGEFVDHTVKWARHDSNCSGSCPYCNKLSLSKLKEHAKTCTS
KVKELEQDEKVLIDIALVPKWSRRLESTIKAFSKTSLRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDK
SITELEVCPVCVYEEYCTCPIQESPTLHNHSIHIVKRSLLSLPVAGAPRDLDEASWGTVHIENSYQ
PSVGGNHISLSWQSQNRVGSKVVVAGKSEAILRLDPRSLKWSITSPDSSESRIKFVSILEYAEYETQF
EYLTNRKLGTMHMGVCTGTCPEKCGCKSHTCCSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDW
ILTKWSTDYARTTVIACVEFEHGSRQCDLIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHKKDFDLVKPIGM
IDGTDLCKLQACTHGPAGDFQIYNLNLGLVDNDVTNMNFWKTKTEAIKKDWMWSWQGTVLQY
YCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFHSEKIDIRDGSPTLTLKGRPYMGGGQITALL
SVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLSDSPDRYGLHLSNTEGVIASETTLTCSA
GQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLTSTGNSTCGKGFLSC
IGSNIAHFGSIGTFLKDFGSIWKGLVVIPIVILILLIFGNLLSLIKVCISGRKSTIDRKVYYES
GRRELERYRQIIKEEEELLRRNDKKK

>UYR58252.1 RNA-dependent RNA polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYFVSHNMFGTIQGHTRVKWMVRDF
AEKHWDLLTEAKEFYRSREEYIRDNLRETYWGSIEAEILSLRTNQPIIIWRAEDGYTITSASMRGDSG
KGEINLIQSHNNHFDAAYPPELAGTTSGLPAVSREDKTVLEAVGETIIDEDESDTEMEVAKLEDFTLPTY
ESERIELLSKPTMPVGPVRRRLPARLEEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSE
VGGKVSISELGRWLNPSCRIRKENLRTVIAISDQLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDM
TLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRILNKLTPHTLYNDPLSVVRQICLAMFGE
ECGRVLDLFSCLGPVSYLSLSSLELDSLTRNKYYQVLEELSRADTEDFDFSSKEISEIKATVDCKALRE
ASDKDSCEQATGTVLQILGISRQELPRRARDNRREQELVINKFFNDRAISKFVSLQGRAYSGTNLSNLI
SYTHNLLMSKDKFKLTEDDVGQLELEQRKIRAMLAKEERVPIAIIICSMMENRFNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKGVAIEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTKQRP
EIRDYTPDFSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKE
LLLGTGKQNPVHLKTEKYDESDCTVTSREIIAIEVGYQTDVDGKVFSDTHKWQEAIKLLSKLGIKALVH
ICADSSSTRLSDWWISPEDARLLKESISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVT
TKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKKALVEGVTMDRASCEKVIEEVVKNMDEIISLVEETK
NKHEVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAIKGIASEQESVKYLCSQIQLSEHLPCCHTDL
PSVKPRSLFSTRCPDITTVRHMTGDGSTDDESELTELDKAIKRLTPGKTERERKIKRGLEQLIRLSMSDSHIPCIKLPTGQI
LINRHAFNPVKVSEKRAAKNDEFRDSKLERLTKLLSKERLTGYSEKACKIMNTLLEKTH
LQGNRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRLNGTPYFDCIEIIATLTKLLSFDWFQELVLYSKLCETFLQCC
TEFNRSIGIKVRRVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRAVLGAAYPYILIHTL
QCLQHQRCLDELTKHASLQRDILTANAKLLDLLQSTLCKANLGSFEQAALRRHCKQTGNFLDHSSYD
MIVNTLAGLSVVFGLALGDTLLNSQPFNKQIQNMRFMTLSGLSRLVSPLELGKKLSSSSSRRIESGVSRL
YLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSLSIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK
VLEETAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPRHELPTEDAIPEDSFSTSSSTSIAISSTRS
FSSGKNIKTLFGRKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQRLYKNVKTIKENPN

NEGLAKMMLSRRNHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSLFSGMMQQLLKDYDPDWCNMYK
LTLFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWSQPMIQFLIRTYLCK
GDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS
KSTFERYERTFWPQMCRLLKNLMAGVGRCCQMKDSAKTLCGDTMLFEYSEFMLSFRITPAVIKFIHTGLIN
SSVTSPQSMVQACQVSGQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPV
YSNLTGSSIAVEDSEISQDLKTLKDALPFLPNTPKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESSEGGSSSNFRFELK
RELTESEYLSVHRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSN
FEFVKLLEEKPIRLTFGLVRSVICAIAGYYRSFSSEGTEKTVKANLNRDENRVIEDPMIQLVPEKLRRE
LERLGLSRLSINELIGSGFGLSLSEQIARRVVTMNCATEEYSSEIERLKQTLSSRNVIHGLAGGIKELS
LPIYTIFLKSYYFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLDRILSSTLSVSYKSQDF
EPSLFNSSKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLLKIVESRPHTKELDANKV
IIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDYGGMLMDKHKVNCFYESIATVCNSITER
SKALEASEDPDLSEISANTLTMLCRLIQKNSRLNFYMIKPMATDEPTVTDLVSYGTKEGRLLLL
PEPNVEVSSFSVKYWKIMQSISAIANLNTQQEKTDLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQG
SSLLATLSSEVMNIKNESTRHQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEQKNGRFTFSSNGES
TGIFIRGKLHIYLSLESEILLSEVEKQVLGWMNRRRTDIVVKEQHDFLNLPTYPMPVRKHTDGYIRGV
VINRNNPRMLGFTPAKYNSLVVRVKRILT VKKSSKTCDCSEPRLYWTPNATHIYDELTESATYHEEVV
KLRQSVSMIIEPEKKVEVPSVAYQDFKVVGIRLDSEALLSSTVLLHYLCHSPPEVRMELSSKSQRM
ELLTGEGVIPGYRVSQKLYEDSRISIKDLRVTNQLNIAGRLENLYNSTDARVSDWSEVQQILDESGCS
NIDVQLEQKTLEDVRVSCLLSKISNRAPSMILTRTVSLVSGSETIPNLSGLLVHADVLKLLRLGKSA
KNELSSASSLDDRLGELLLSCTLYQLQVENKILHCRTYVSTGSIKSLVTSKTFDSGNDMILGFTLDEDFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFDEVNMFQEVCSNTSLWRLQHFPRSEIYMEFDYTKA
GNTTLLKLLVSSGLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEE
ELEPAKKEPEHGLFDLSF

>WAK75218.1 MAG: hypothetical protein [Yezo virus]

MAGKLSKRPELTWEHRINNLFVASIVMPVDESFKVVRMPGDGKCFYYSVSHNMFGTIQGHTRVKWMVRDF
AEKHWDLLTEAKGFYRSREEYIRDNLRETYWGGSEAEILSLRTNQPIIHWRAEDGYTITSASMWRGDSG
KGEINLIQSHNNHFDAAYPELAGTTS GPAVSREDKT VLEAVGETIIDEDES DTEMEVAKLED TFLPTY
ESERIELLSKPTMPVPVGRRLPARLEEMLVNEQTLPGKVGRHLNKLYSCNVSVLFINPGEALLIPSHSE
VGGKYSISELGRVLWLNPSKRIKENLRTVIAISDQLMAYVDKGYYLRTFVPKTFISRHAGLLKPLGKLVDRM
TLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRILNKLTPHTLYNDPLSVVRQICLAMFGE
ECGRLVDLFSCLGPVSYLSLSLELDSLTRNKYYQVLEELSRADTEDDFSSKEISEIKATVDCCKALRE
ASDKESCEQATGTVLQILGISRQELPRRAKDNRREQEKLVINKEFFNDRAISKFVSLQGRAYSGTNLSNIL
SYTHNLLMSKDKFKLTEDDVQGQLELEQRKIRAMLAKEERVPIAIICSMMENRFNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKG VAYEGMFALKYNTYIPEDQKPTLSMIVQTYYPDKFVDFDKTQKRP
EIRDYTPDFSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDRLKE
LLGTGKQNPVHLNTEKRYDESDCTVTSREIIAEVGYQTDVDGKVFSDTHKWQEAIKLLSKPLGKLVH
ICADSSSTRLSDW WISPEDARLLKESISFLHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVT
TKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKKALVEGV TMDRASCEK VIEEVIKNMDEIISLVEETK
NKHEVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAIKGIASEQESVKYLCSQIQLSEHLPCCHTDL
PSVKPRSLFSTRCPDITVRHMTGDGSTDDSELTELDKAIRLTLP GKTERERKIKRGLEQLIRLSMSDSH
IPCIKLPTGQILINRHAFNPTKVSEKRAAKNDEFDRSKLERLT KLLSKERLTGYSEKACKIMNTLLEKTH
LQGNRRCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTILNRKKNSKLF
NLDCLIKFETVLEVLRLNGTPYFDCIEIATLTKLLSFDWFQELVLYSKLCETFLQCC
TEFNRSIGKVRVRHTSINLAIQLPSNKKENMKCCCYNLDFSRNKSTFLMNRRVAVLGAAPYILIITTL
QCLQHQRCLDELTKHASLQRDILTANAKLLDLLQSTLCKANLGSFEQA ALELRRHCKQTGNFLDHSSYD
MIVNTLAGLSVVFGLALGDTLLLSQPFNKQIQNMRFTMLSGLSRLVSPLELGKKLSSSSRRIESGVSR
YLQLISYCCVEQVEQSENWKQFDLCPNVFMPSLIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK
VLEETAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPRHELPTEDAIPEDSFSTSSSTS AISSTRS
FSSGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQRLYKNVKTIIKENPN
HTFGSEFELIQAFTELARKKFPSEIEKCRKDPNRNWCSSISEVVETTSIVSEPKHYISIKDALKTITGCETK
KFVKMLRNRLVKLGMEQGKDKIGEPSSFSLLSEVDLTLEAQKENIRKKGILEPSKLSFYNNWRDIINKSLSD
TLLTNDGNMIYCWKSMASGVKRGKLPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVD
PSRGEELLYCVDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSF
REEIALKAQELRFLEQHGNNIVKFTNLIFFLCLACPWCMHYKSFELYLNKILETPSRQLSPEAMKRLTS
LGPVNLIKSKWFVDLCSENGLSPDAEITKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT
KLRGILAKYNLESDLDLDFKWTISMIANSNFEVAKKLTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQ
QLAFSTILNNHNEFFAVLAPKAQLGGHRDLLVQESGTVVHATTEMFSRTLLSTTNDGLTNSHLKEAIL
NEGLAKMMLSRRNHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSLFSGMMQQLLKDYDPDWCNMYK
LTLFLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWSQPMIQFLIRTYLCK
GDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS

>WAK75149.1 MAG: hypothetical protein [Yezo virus]

YSNLTGSSIAVEDSESISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESS
EGSSSNFRFELKRELTESEYLSKVHRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSN
FEFMKLLSEKPIRLTFGLVRSVICAIIAGYYRSFSSEGTEKTVKANLNDRDENRVIEDPMIQLVPEKLRRE
LERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIERLKQTLSSRNVIHGLAGGIKELS
LPIYTIFLKSYYFFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLDRLSSTLSVSYKSQDF
EPLSFNSSLKLVDIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLKIVESRPHTKELDANKV
IIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDYGGMLMDKHKVNCFYESIATVCNSITER
SKALEASDESPDLDEVSTANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTEKGRLLLL
PEPNVEVSSFSVKYWKIMQSISAIANLNLQQEKTDLLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQG
SSLLATLSSEVMNIKNESTRHQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEGQKNGRFTFSSGNES
TGIFIRGKLHIYLSLESEILLSEVEKQVLGWMNRRRTDIVVKEQHDFLNLPTYPMPVRKHTDGYIRGV
VINRNNRMLGFTPAKYNLSLVVRVKKRILT VKKSSKTCDCSEPRLYWTPNAITHYDELTESATYHEEVV
KLRQSVSMIEPEKKVEVPSVAYQDFKVVIIGKIRLDEALLSSTVLLHYLCHSPEEVRMELSSKSQRM
ELLTGEVGPYRVSQKLYEDSRSIKKDLRVTPNLQNLNIAGRLNENYLNSTDARVSDWSEVQQILDESGCS
NIDVQLEQKTLEDVRVSWRCLLSKISNRAPSMILTTLVSLVGSETIPNFLSGLLVHADVLDKLLRLGKSA
KNELSSALLDDRGLLELLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDEFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFDEVNNFQEVCSNTSLWRLQHFDPDRSEIYMEFDYTKA
GNTTLLKLLVSSSGLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEE
ELEPAKKEPEHGLFDLSF

>WAK75147.1 MAG: hypothetical protein [Yezo virus]

MAGKLSKRPELTWEHRINNLVVASIVMPVDESFKVVRMPGDGKCFYYSVSHNMFGTIQGHTRVKWMVRDF
AEKHWDLLTEAKEFYRNREEYIRDNLRETYWGGSIEAEILSLRTNQPIIWRAEDGYTITSASMWRGDSG
KGEINLIQSHNNHFDAAYPELAGTTSGLPAVSREDKTVLEAVGETIIDEDESDEMEVAKLEDFTLPTY
ESERIELLSKPTMPVGPVRRLPARLEMLVNEQTLPGKVGRHLNKLKLYSCNVSVLFINPGEALLIPSHSE
VGGKVSISELGRWLNP SKIRKENLRTVIAISDQLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDM
TLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRILNKLTPHTLYNDPLSVVRQICLAMFGE
ECGRVLDFLFCGLGPVSYLSLSSLELDSLTRNKYYQVLEELSRADEDFDFSSKEISEIKATVDCCALRE
ASDKESCEQATGTVLQILGISRQELPRRAKDNRRREQEKLVINKEFFNDRAISKFVSLQGRAYSGTNLSN
SYTHNLLMSKDKFKLTEDDVQGQLELEQRKIRAMLAKEERVPIAIIICSMMENRFNNLFRKLPSCAQECEV
LFDSIRNAESYASAWRSALRLKGVAEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFDKTQKRP
EIRDYTPDFSICQMIVEHAEGLVPPKVSSVQLQAHDLEESGVKLRRTKEKAFPLPEVPIKELRSLDRKE
LLGTGKQNPVHLKTEKYDESDCTVTSREIIAEVGYQTDVDGKVFSDTHKWQEAIKLLSKLGKALVH
ICADSSSTRLSDWISPEDARLLKESISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVT
TKDVA AAWNAKLEKIRVPTGAVLTDGLMDTVKKALVEGVTMDRASCEKVIEEVVKNMDEISLVEETK
NKHEVTRNYVTANRLILGWLMEIECCRCKACVAMIKDAIKGIASEQESVKYLC SQIQLSEHLPCCHTDL
PSVKPRSLFSTRCPDITTVRHMTGDGSTDDSELTELDKAIRLTLP GKTERERKIKRGLEQLIRLSMSDSH
IPCIKLPTGQILINRHAFNP TKVSEKRTAKNDEFRDSKLERLT KLLSKERLTGYSEKACKIMNTLLEKTH
LQGNRCCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRLNGTPYFDCIEIIATLTKLLSFDWQELVLYSKLCETFLQCC
TEFNRSIGIKVRRVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRAVLGAAYPYLIHTL
QCLQHQRCLDELTKHASLQRDILTANAKLLDLLQSTLCKANLGSFEQA ALELRHCKQTGNFLDHSSYD
MIVNTLAGLSVVFGALGDTLLLSQPFNKQIQNMRF TMLSGLSRLVSPLELGKKLSSSSRRIESGVSR
YLQLISYCCVEQVEQNSENWKQFDLCPNVFMPSLSIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK
VLEETAEKHMSWELSLMNDLEKRTKKHERHARLLLGLPTLPRHELPTEDAIPEDSFSTSSSTS AISSTRS
FSSGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQRLYKNVKTIIKENPN
HTFGSFELIQAFTELARKKFPSEIEKCRKDPRNWC SISEVVETTSIVSEP KHYISIKDALKTITGCETK
KFVKMLRNRLV KLGMEQGD KIGEPSSFSLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSD
TLTNDGNMIYCWKSMASGVKRG LKPYIKNLRYDREAKSDATDCLKLILSNEEVENLQSFIRVMKAIVD
PSRGEEELYCVDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFT
REEIALKAQELRFLEQHGNNIVKFTNLIFFLCLACPWMHYKSFELYLNKILETEPSKQLSPEAMKRLTS
LGPVNLIKSKWFDLCSENGLSPDPVEITKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT
KLRGILAKYNLESDLDLDFKWTISMIANSNFEVAKKLTGRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQ

QLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKVVHATTEMFSRTLLSTTNDGDLTNSHLKEAIL
NEGLAKMMLSRRNHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSLFSGMMQQLLDYDPWCNMYK
LTFCLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWSQPMIQFLIRTYLCK
GDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS
KSTFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLIN
SSVTSPPQSMVQACQVSGQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPV
YSNLTGSSIAVEDSEISISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESS
EGSSSNFRFELKRELTESEYLSVHRDIDEASEMLVETRTKALFVGEEDYDGFPCFKRIKESNLIRSN
FEFVKLLSEKPIRLTFGLVRSVICAIAGYYRSFSSEGTEKTVKANLNRDENRVIEDPMIQLVPEKLRR
LERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIERLKQTLSSRNVIHGLAGGIKELS
LPIYTIFLKSYYFKDNVFFDHKDRWNTQHSTNYRDSTGKKLDGKIVTKFTVWLDRLSSSTLSVSYKSQDF
EPSLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLVESRPHTKELDANKV
IIVKSSIFNASEQVKIQNNPALIVGCMLESETIIMDVKPARVDYGGMLMDKHKVNCFYESIATVNSITER
SKALEASDESPDLDEVSTANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLL
PEPNVEVSSFSVKYWKIMQSISAIANLNTQQEKTDLLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQG
SSLLATLSSEVMNIKNESTRHQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEGQKNGRFTFSSNGES
TGIFIRGKLHIYLSLESEILLSEVEKQVLGWMNRRRTDIVVKEQHDFLNLPTYPMPVRKHTDGYIRGV
VINRNNPRMLGFTPAKYNLSLVVRVKRILTVKKSSKTCDCSEPRLYWTPNAITHYDELTESATYHEEVV
KLRQSVSMIIPEKKVEVPSVAYQDFKVVIGKIRLDSEALLSSTVLLHYLCHSPPEVRMELSSKSQRM
ELLTGEGVPIGYRVSQKLYEDSRISIKKDLRVTPNLQNLNAGRLNENLSTDAVSDWSEVQQILDES
GCSNIDVQLEQKTLIEDRVSWRCLLSKISNRAPSMTLTRLVSLVGSETIPNLSGLLVHADVLDKLLRLGKSA
KNELSASSLDDRGLLELLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFDEVNNFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKA
GNTTLLKLLVSSGLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEE
ELEPAKKEPEHGLFDLSF

>BCU83584.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPGSCPEAYISFDGKKSELDAILSGALV
DSLKFAAPIECAWNLTNKIFTEGMAWFNANKDQKCAWDKKYDTLRSTLPSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRLKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELGIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGATYKVGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVCELFNTHRRASDWSNPTSIVPPEHYFHQSLLERLGPFCVSLVRGNALRV
NIVEEMGAGGTH

>BCU83583.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPGSCPEAYISFDGKKSELDAILSGALV
DSLKFAAPIECAWNLTNKIFTEGMAWFNANKDQKCAWDKKYDTLRSTLPSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRLKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELGIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGATYKVGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVCELFNTHRRASDWSNPTSIVPPEHYFHQSLLERLGPFCVSLVRGNALRV
NIVEEMGTRGNP

>BCU83582.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPGSCPEAYISFDGKKSELDAILSGALV
DSLKFAAPIECAWNLTNKIFTEGMAWFNANKDQKCAWDKKYDTLRSTLPSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEQEALSRLKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELGIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGATYKVGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVCELFNTHRRASDWSNPTSIVPPEHYFHQSLLERLGPFCVSLVRGNALRV
NIVEEMGAGGTH

>BCU08953.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPEGSCPEAYISFDGKKSDELDAILSGALV
DSLKFAAPIECAWNLTNKIFTEGMAWFNANKDQKCMAWDKKYDTLRSTLSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITEEQEALSRKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELGIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGTAYKWKGTLANMCATGDFNGERVHMHGPGVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSSENPAAKVVCLEFNTHHRAHSDWNSPTSIVPPEHYFHQSLLERLGPFCVSLVRGNALRV
NIVEEMGAGGTH

>BCU08952.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGS�NTTVKGEAPSPTTPAASAVAPTNKTLPEKTTTTPGNTRVA
TRPTSSPALSRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSNLSKGEQLTTTLIRAVDPRIADVQVK
RTVLAVKDRVAGYSATAAYNYLGKMVYNVDEDGVVTVTGLSDLGNSGYTLHLKTQGPHVPAD
YLRPGCEKLHNCCEGPEKQVDIFSLRSENIKVSSEPGSKYLSLAYLTGYLGFDAARGCKAVVENHGSMYLL
TENSVEQVNTVNNGKVYPPIHIFIDRTDPGENCAISMENLIPIGATGGLPVVRQTKKQLIKVSLGGPEHS
AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPESSFAHSKSSICNGTLISNKDLSGVKGCYVVA
RATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFIKVKSNDYHNIKCTKECLVPAP
KGS�LVLTCPDLHLHTNKVDLDCPLLSYLGNKPAIYVCRATYRPRVFYALIIWVVFYSGISGRIAFILT
FLLWIFNRLTRTHIFRMDKQKQDTCSCGGEFVDHTVKWARHDSNCSGSCPYCNKLSLSKLKEHAKTCTS
KVKELEQDEKVLIDIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDK
SITELEVCPVCVYEEYCTCPIQESPTVHNHSIHIVKRSLLSLPVAGAPRDLDEASWGTVHIENSYQ
PSVGGNHISLSWQSQNRVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSSESRIFFVSILEYAEYETQF
EYLTNRKLGTMHGVCTGTCPEKCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDW
ILTKWSTDYARTTVIACVEFEHGSRQCDLIDAGTITSLGSGISVSFSGVTGITTMLPRQIALVHKAPGNHK
DFDLVKPIGMDTDLCKLQACTHGPAGDFQIYNLNLGVNDVNTNMFWKTKTEAIKDWMSWQGTVLQY
YCNPGDWPTCVMSGAVNDNSGAFENLWKRSAKLHQYFFHSEKIDIRDGSPTLTLKGRPYMGGGQITALL
SVSGLELESKTVLPKGVKLHITMCEGCYGCATGITCSVSITLDSPDYGLHLSSNTEGVIASETTLTCSA
GQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVLEHRSVLTSTGNSTCGKGFSLC
LGSNIAHFFGSIGTFLRDFFGSIWGLVVIPIVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYES
GKRELERYRQIIKEEEELLRRNDKKK

>BCU08951.1 RNA-dependent RNA-polymerase [Yezo virus]

MAGLSKRPELTWEHRINNLFVASIVMPVDESFKVVRMPGDGKCFYVSVSHNMFGTIQGHTRVKWMVRDF
AEKHWDLLTEAKFEKLYRSREYIRDNLNRETYWGGSEAEILSLRTNQPIIIWRAEDGYTITSASMWRGDSG
KGEINLIQSHNNHFDAAYPPELAGTTSMPVSRREDKTVLEAVGETIIDEDESDEMEVAKLEDFTLPTY
ESERIELLSKPTMPVGPVRRRLPARLEEMLVNEQTLPGKVGRHLNKLVSCLNVSFLFINPGEALLIPSHSEVGGKVSISEL
GRLWLNPSKRIRKENLRTVIAISDQLMAYVDKGYVLRTFVPKTFISRHAGLVPPDLVRDM
TLTATVILLSTFLYKSRMVEKRTFIRACLDEGRISGKKVSRILNKLTPHTLYNDPLSVVRQICLAMFGE
ECGRVLDFLSCLPVSYLSLSSLELDSLTRNKYYQVLEELSRADTEDDFSSKEISEIKATVDCCALRE
ASDKESCEQATGTVLQILGISRQELPRRAKDNREQEKLVINKEFFNDRAISKFVSLQGRAYSGTNLSNIE
SYTHNLLMSKDEKFLTEDDVQLELEQRKIRAREEVRPIAICSMMENRFNNLFKRLPPSCAQECEV
LFDSIRNAESYASAWRSALRLKGVAEGMFALKYNCTYIPEDQKPTLSMIVQTYYPDKFVDFDLTKQKRP
EIRDYTPDFSICQMIVEHAEGLVPPKVSSVQLQAHDLSESGVKLRRTKEKAFPLPEVPIKELRSLDLRKE
LLLGTGKQNPVHLKTEKYDESDCTVTSREIIAIEVGYQTDVDGKVFSDTHKWQEAIKLLSKLGIKALVH
ICADSSSTRLSDWWISPEDARLLKESISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVT
TKDVAAAWNAKLEKIRVRPTGAVLTDGLMDTVKKALVEGVTMDRASCEKVIEEVIKNMDEIISLVEETK
NKHEVTRNYITANRLILGWLMEIECCRCKACVAMVKDAIKGIASEQESVKYLCSQIQLSEHLPCCHTDL
PSVKPRSLFSTRCPDITTVRHMTGDGSTDDSELTELDAIRLTLPGKTERERKIKRGLEQLIRLSMSDSH
IPCIKLPTGQILINRHAFNPTKVSEKRAAKNDEFDRSKLERLTKLLSRERLTGYSEKACKIMNSLLEKTH
LQGNRRCCLKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCIFKETVLEVLRLNGTPYFDCVEIIATLTKLLSFDWFQELVLYSKLCETFLQCC
TEFNRSIGKIVRRVRHTSINLAIQLPSNKKENMKCCYNLDFSRNKSTFLMNRRAVLGAAPYIILITL
QCLQHQRCLDELTKHASLQRDILTANAKLLDLLQSTLCKANLGSFEQAALERMRRHCKQTGNFLDHSSYD
MIVNTLAGLSVVFGLALGDTLLNSQPFNKQIQNMRFMTLSGLSRLVSPLELGGKLSSSSRRIESGVSR
YLQISYCCVEQVEQNSENWKQFDLCPNVFMPSLSIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK
VLEETAEKHMSWELSLMNDLEKRTKKHERHARLLGLPTLPRHELPTEDVIPEDSFSTSSSTSISSTRS
FSSGKNIKTLFGRLKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQRLYKNVKTHIKENPN
HTFGSFELIAFTELARKKFPSEIEKCRKDPRNWCISSEVETTSIVSEPKHYISIKDALKTITGCETK
KFVKMLRNRLVKLGMEQKDKIGEPSSFSLLESVDLTLEAQKENIRKGILEPSKLSFYNWRDIINKSLSDTLTNDGN
MIYCWKLSMASGVKRGKPYIKNLRYDREAKSDATDCLKLISNEEVENLQSFIRVMKAIVD
PSRGEEELYCVDLLYSVWVKFVSKVFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFT
REEIALKAQELRFLEQHGNNIVKFTNLIFFLCLACPWCMMHYKSFELYLNKILETEPSRQLSPEAMKRLTS
LGPVNLIKSKWFVLDLSENGLSPPDAEITKHLDWLRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT

KLRGILAKYNLESDLDLDFKWTISMIANSNFEVAKKLTGRRTTGERLPRSVRSKVIYEMIKLVGCSGMAVLQ
QLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESGTKVVHATTEMFSRTLLSTTNDGDLTNSHLKEAIL
NEGLAKMMLSRNRHGRPVSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSLFSGMMQQLLKDYDPWCNMYK
LTFCLKNLYRKVEIPSAAIQKILTTFKTRLASKYKLETMRENELRKLLNESIEIWSQPMIQFLIRTYLCK
GDMAMTCYNHMGQGIHHATSSILTSVMADGIELIREFCKRTPELTVEVAHAGSSDDYAKCITLSGAIS
KSTFFERYERTFWPQMCRLKNLMAGVGRCCQMKDSAKTLCGDTMLEFYSEFMLSFRITPAVIKFIHTGLIN
SSVTSPQSMVQACQVSGQQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPV
YSNLTGSSIAVEDSESIQDLKTLKDALPLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESS
EGSSSNFRFELKRELTESEYLSKVHRDIDEASEMLVETRTKALFVGEEDYDGFPCKRIKESNLIRSN
FEFVKLLLEEKPIRLRTFGLVRSVICAIAGYYRSFSSEGTEKTVKANLNRDENRVIEDPMIQLVPEKLRR
LERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIERLKQTLSSRNVIHGLAGGIKELS
LPIYTIFLKSYYFFKDNVFFDHKDRWNTQHSTNYRDSSTGKKLDGKIVTKFTVWLDRLSSSTLSVSYKSQDF
EPSLFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLVKIVESRPHTKELDANKV
IIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDYGGMLMDKHKVNCFYESIATVCNSITER
SKALEASDESPDLDEVSTANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGKEGRLLLL
PEPNVEVSSFSVKYWKIMQSISAIANLNLQQEKTDLLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQG
SSLATLSSEVMNIKNESTRHQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEGQKNGRFTFSSGNGES
TGIFIRGKLHIYLSLESEILLSEVEKQVLGWMNRRRTDIVVKEQHDYFNLNLLPTYPMVPRKHTDGYIRGV
VINRNNPRMLGFTPAKYNSLVVRVVKRILT VKKSSKTCDCSEPRLYWTPNAITHYDELTESATYHEEVVKLRQSVSMII
EPEKKVEVPVSAYQDFKVIGKIRLDEALLSSTVLLHHYLLCHSPPEEVRMELSSKSQRMI
ELLTGEGVIPGYRVSQKLYEDSRISKDLRVTPNLQLNIAGRLNENLNSDARVSDWSEVQQILDESGCS
NIDVQLEQKTLEDVRVSWRCLLSKISNRAPSMILTRLTVSLVGSETIPNLSGLLVHADVLDKLLRLGKSA
KNELSASSLDDRGLELLLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDEFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFDEVN NFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKA
GNTTLLKLLVSSGLGMRDSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEE
ELEPAKKEPEHGLFDLSF

>BCU08950.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCEPGSCPEAYISFDGKKSELDAILSGALV
DSLKFAAPIECAWNLTNKFTEGMAWFNANKDQKCAWWDKKYDTLRSTLSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITTEEQEALSRKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGTA YKWGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVCELFNTHRRASDWSNPTSIVPEHYFHQSLLERLGPFCHVSLVRGNALRV
NIVEEMGTGGNP

>BCU08949.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASMCLSES GDGSLNTTVKGEAPSPPTPAASAVAPTNTLPEKTTTVAPGNTTRVA
TRPTSSPALSRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPR
IADVFQVKRTVLAVKDRVAGYSATAAYNYLGKMVYNVDEDEGVVTVTGLSDLGNSGYTLHLKTQGPHVPAD
YLRPGCEKLHNCCEGPEKQVDIFSLRSENIKSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGSMYLL
TENSVEQVNTVNSGKVYPPIIHIFIDRTDPGENCAISM CNLIPIGATGGLPVRQTKKQLIKVSLGGPEHS
AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPESSFAHSKSSICNGTLISNKDLSGVKGCYVVA
RATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFIKVKSNDYHNIUKCTKECLVPAP
KGSLLVLTCPDGEDIVLHTNKVDLDCPLLSYLGPAYVCRATYRPRVFYALIIWVVFYSIGRIAFILT
FLLWIFNRLTRTIIFRMDKQKQDTCSGCGEFVDHTVKWARHDS CNSGSCPYCNKLSSLSKLKEHAKTCTS
KVKELEQDEKVL DIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDK
SITELEVCPVCVYEEYCTCPIQESPTLHNHSIHIVKRSLLSLPVAGAPRDL D IEASWGTVHIENSYQ
PSVGGNHISLSWQSQRNVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSSES RNIFVSILEYAQEYETQF
EYLTSNRKLGTWMHGVCTGTCPEKCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDW
ILTKWSTDYARTTVIACVEFEHGSRCQDLIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHK
DFDLVKPIGMIDGTDLCKLQACTHGPA GDFQIYNLNLGLVDNDVTNMNFWKTKTEAIKKDWMSWQGTVLQY
YCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFHSEKIDIRDGSP TLT LKGRPYMGGGQITALL
SVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLDS PDRYGLHLSSNTEGVIASETTLTCSA
GQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLTSTGNSTCGKGF LSC
LGSNIAHFFGSIGTFLKDFFGSIWKGLVVIPIVILILLIFGPNLLGLIKVCISGRKSTIDRKVYYES
GKRELERYRQIIKEEEE LLRRNDKKK

>BCU08948.1 RNA-dependent RNA-polymerase [Yezo virus]

SSVTSPQSMVQACQVSGQQAMYNVPLITNICFTVLRQQMFFNHTEFFMREYGPLVHGLPSSFCRLYIPV
YSNLTGSSIAIEDSEISQDLKTLKDALPFLPNTKPLILSSELKDLVGSDDTKSTSSSHGSDKLTSGESS
EGSSSNFRFELKRELTESEYLSKVHRDIDEASEMLVETRKA LFVGEEDYDGFPCFKRIKESNLIRSN
FEFVKLLEEKPIRLTFGLVRSVICAIAGYYRSFSSEGTEKTVKANLNRDENRVIEDPMIQLVPEKLRRE
LERLGLSRLSINELIGSGFSGLSLSEQIARRVVTMNCATEEYSSEIERLKQTLSSRNVIHGLAGGIKELS
LPIYTIFLKSYYFFKDNVFFDHKDRWNTQHSTNYRDSSTGKKLDGKIVTKFTVWLDRISSSTLSVSYKSQDF
EPLSFNSSLKLVDIIRMEEGPTDLSILSAELDVFLSEFRSLAMQFSEPNRLKLLKIVESRPHTKELDANKV
IIVKSSIFNASEQVKIQNNPALIVGCMLSETIIMDVKPARVDYGGMLMDKHKVNCFYESIATVCNSITER
SKALEASDESPDLDEVSTSAANTLTMLCRLIQKQNSRLVNFYMIKPMATDTEPTVTDLVSYGTKEGRLLLL
PEPNVEVSSFSVKYWKIMQSISAIANLNTQQEKTDLLCSFLHWKPNKSIAMQDCPLMKHEMSMLSEFQG
SSLLATLSSEVMNIKNESTRHQLEDLIDFIKDPNLLVTKKPFIGTTAIFRTWGEGQKNGRFTFSSGNES
TGIFIRNKLHIYLSLESEILLSEVEKQVLGWMNRRRTDIVVKEQHDYFLNLLPTYPMVPRKHTDGYIRGV
VINRNNPMLGLSLEAKYNSLVVRVKRILTVKKSSDKDCSEPRLYWTPNATHIYDELTESATYHEEVV
KLRQSVSMIIEPEKKVEVPSVAYQDFKVVIGKIRLDSEALLSSTVLLHYLCHSPEEVRMELSSKSQRM
ELLTGEGVIPGYRVSQKLYEDSRSIKKDLRVTPNLQNLNAGRLNENLSTDAVSDWSEVQQILDESGCS
NIDVQLEQKTLEDVSWRCLLSKISNRAPSMILTRTLVSLVGSETIPNFLSGLLVHADVLDKLLRLGKSA
KNELSSASSLDDRGLLELLSCTLYQLQVENKILHCQTYSTGSIFSLVTSKTFDSGNDMILGFTLDDDEFLS
FSITVPIPLRKDASKREKAMAQGHALVAYNLFFDEVNFFQEVCSNTSLWRLQHFPDRSEIYMEFDYTKA
GNTTLLKLLVSSGLGMKLSILRLSPLIQFIATLVGRMLPEYLLEKAKEVKQSTNSCEFATEDDLLYLSEE
ELEPAKKEPEHGLFDLSF

>BCU08947.1 nucleoprotein [Yezo virus]

MARLIEAKTREELDKWIHNLDTHFLGLNTKYTKSLALQPCPEPGSCPEAYISFDGKKSDELDAILSGALV
DSLKFAAPIECAWNLTNKFTEGMAWFNANKDQKCAWWDKKYDTLRSTLSPEDVAQYQIAARKWRKDI
GYECSPNNGIMRGEVTKVYIAPKKYVNDMILMVTDMRSKRRHRLGITTEEQEALSRKGAEHAPWVEDWV
KGGEDRIFSLPSWGGWNKTKKGLLLGGTAVAHLVQKKVITLKIFRSKVEKAGELLNNQKMDDELIDVS
QARLMHAHMEGCLKEAEGLIKDSVTSAYVQQGSALDTAFSTYYWMWKADVTLANFGALNEMAFLYGQKPV
GQKKLLDTLKGTA YKWGSTLANMCATGDFNGERVHMHGPVFTPHRMSEMTAAIGAFPLSNPVKIKEGSAS
YRYLTNLKTSESNPAAKVVCELFNTHRRASDWSNPTSIVPEHYFHQSLLERLGPFC HVS LVRGNALRV
NIVEEMGAGGTH

>BCU08946.1 glycoprotein precursor [Yezo virus]

MLIMQCRDFLALWLLASVCLSESGDGS LNTTVKGEVPSPTTPAASAVAPTNTLPEKTTTTPGNTTRVA
TRPTSSPALSRWLAGLYSRNYEDFHRRVATGMVRSADGSARMESNILGYSGNLSKGEQLTTTLIRAVDPR
IADV FQVKRTVLAVKDRVAGYSATAAYNYLGKMVYNVDEEDGVVTVTGLSDLGNSGYTLHLKTQGP HVPAD
YLRPGCEKLHNCCEGPEKQVDIFSLRSENKVSSEPGSKYLSLAYLTGYLGFDARGCKAVVENHGS MYLL
TENSVEQVNTVNNGKVYPPIIHIFIDRTDPGENCAISM CNLIPIGATGGLPVVRQTKKQLIKVSLGGPEHS
AFSRKLLSLRTQHNHAHQTPCNQPSHIMEIDQYKLHAPESSFAHSKSSICNGTLISNKDLSGVKG CYVVA
RATVMHNCKQADMEPFESRGKCLVDNKLVSCEASESCIRVKVNDTTFIKVKSNDYHNIICKTKECLVPAP
KGS LVLVTCPDGEDIVLHTNKVDLDCPLLSYLGPAYVCRATYRPRVFYALIIWVVF GYSIGRIAFILT
FLLWIFNRLTRTHIFRMDKQKDTCSGCGEFVDHTVKWARHDS CNSGSCPYCNKLSSLSKLKEHAKTCTS
KVKELEQDEKVL DIALVPKWSRRLESTIKAFSKTLSRIQWVVVSCLLMYFLFHPVSGLSSNLKGKDFWDK
SITELEV CQPVCVYEEYCTCPIQESPTVHNHSIHIVKRSLLSLPVAGAPRDL D IEASWGTVHIENSYQ
PSVGGNHISLSWQSQRNVGSKVVVAGKSEAILRLDPRSGLKWSITSPDSSES RNVFVSILEY AQEYETQF
EYLTSNRKLG TWMHGVCTGTCPEKCGCKSHTCSSQKWENTRNWRCNPTWCWNIGGCTCCGADIDKPFQDW
ILTKWSTDYARTTVIACVEFEHGSRQCDLIDAGTTISLGGISVSFSGVTGITTMLPRQIALVHKAPGNHK
DFDLVKPIGMIDGTDLCKLQACTHGPAGDFQIYNLNLGLVDNDVTNMNFWKTKTEAIKKDWMWSWQGTVLQY
YCNPGDWPTCVMSGAVNDNSGAFENLWKRSTKLHQYFFHSEKIDIRDGSP TLT LKGRPYMGGGQITALL
SVSGLELESKTVLPKGVKLHITMCEGCGCATGITCSVSITLDSPD RYGLHLSSNTEGVIASETTLTCSA
GQVNDFKLRLFSSLPEDKICLRVREAPKESEDASSCLSVKLQPPEEVVLEHRSVLTSTGNSTCGKGF LSC
LGSNIAHFFGSIGTFLKDFFGSIWKGLVVIPIVILILLILFGPNLLSLIKVCISGRKSTIDRKVYYES
GKRELERYRQIIKEEEELLRRNDKKK

>BCU08945.1 RNA-dependent RNA-polymerase [Yezo virus]

MAGKLSKRPELTWEHRINNFLVASIVMPVDESFKVVRMPGDGKCFYFSVSHNMFGTIQGHTRVKWMVRDF
AEKHWDLLEAKEFYRSREEYIRDNLNRETYWGGSEAEILSLRTNQPIIWRAEDGYTITSASMWRGDSG
KGEINLIQSHNNHFDAAYPELAGTTS GPAVSREDKTVLEAVGETIIDEDDES DTEMEVAKLED TFLPTY
ESERIELLSKPTMPPVGPVRRLPARLEEMLVNEQTLPGKVGRHLNKLYSCNVSVLFINPGEALLIPSHSE
VGGKVSISELGRLWLNPSKRIRKENLRTVIAISDQLMAYVDKG YVLRTFVPKTFISR HAGLVPPDLVRDM
TLTATVILLSTFLYKSRMVEKRTFIRACLRDEGRISGKKVSRILNKLT PHTLYNDPLSVVRQICLAMFGE
ECGRLVDLFSCLGPVSYLSLSSLELDSLTRNKYYQVLEELSRADTEDDFDSSKEISEIKATVDCCKALRE
ASDKESCEQATGTVLQILGISRQELPRRAKDNRRREQELVINKFFNDRAISKFVSLQGRAYSGTNLSNIL
SYTHNLLMSKDKFKLTEDDVGQLELEQRKIRAMLAKEERVPIAIIICSM MENRFNNLFKRLPPSCAQECEV
LFD SIRNAESYASAWRSALRLKG VAYEGMFALKY NCTYIPEDQKPTLSMIVQTYYPDKFVDFLDKTQKRP
EIRDYTPDFSICQMIVEHAELVPPKVSSVQLQAH DLEESGVKLRRTKEKAFPLPEVPIKELRSLDRLKE
LLLGTGKQNQPVHLKTEKYDESDCTVTSREIIAIEVG YQTDVDGKVFSDTHKWQEAIKLLSKLGIKALVH
ICADSSSTRLSDW WISPEDARLLKESISFLFHEMGENSPSDVTDIMVANISTTKVRAQLKSGSIVKTPVT
TKDVA AAWNAKLEKIRVRPTGAVLTDGLMDTVKKALVEGV TMDRASCEK VIEEVIKNMDEIISLVEETK
NKHEVTRNYTTANRLILGWLMEIECCRCKACVAMVKDAIKG IASEQESVKYLCSQIQLSEHLPCCHTDL
PSVKPRSLFSTRCPDITTVRHMTGDGSTDDSELTELDKAIRLTLP GKTERERKIKRGLEQLIRLSMSDSH
IPCIKLP TGQILINRHAFNPTKVSEKRAVKNDEF RDSKLERLT KLLSKERLTGYSEKACKIMNTLLEKTH
LQGN SRCC LKPEWAQSVLMDLKTDRNEIDIATKLKETSEKRLNFIVNNDKIIPVSNSEIRQFIVDKSDTI
LNRKKNSKLFNLDCLIFKETVLEVLRR LNGTPYFDCIEIIATLTKLLSFDW FQELVLYSKLCETFLQCC
TEFNRS GIKVRRVRHTSINLAIQLPSNKKENMKCCCYNLDFS RNKSTFLMNRRAVLGAAYPYILIITL
QCLQHQRCLDELTKEHASLQRDILTANAKLLDLLQSTLCKANLGSFEQA ALEMRRHCKQTGNFLDHSSYD
MIVNTLAGLSVVFGLALGDTLLLSQPFNKQIQNMRF TMLSGLSRLVSPLELGKKLSSSSRRIESGV SRL
YLQLISYCCVEQVEQNS ENWKQFDLCPNVFMPSL SIFGMNTSGDRQLIFDIYLVHIYNKEMDNFDEGCIK
VLEETA EKHM SWELSLMNDLEKRTKKHERHARLLLGLPTLPRHELPTEDVIPEDSFSTSSSTS AISSTRS
FSSGKNIKTLFGR LKSEIKPFVVEDCLEVSRDELNDFKQVISDVGRGYSYEPNLQRLYKNVKTHIENPN
HTFGSFELIQAFTELARKKFPSE SIEKCRKDPRNWC SISEVVETTSIVSEPKHYISIKDALKTITGCETK
KFVKMLRNRLV KLGMEQGKD KIGEPSSFSLLESVDTLTEAQKENIRKGILEPSKLSFYNNWRDIINKSLSD
TLLTNDGNMIYCWLKSMASGVKRG LKPYIKNLRYDREAKSDATDCLKLLSNEEVENLQSFIRVMKAIVD
PSRGE EEEELYCVDLLYSVWVKFASKVKFWKEIVESSLAAMTSCITDFENLIVMYTELNEQMKKYDCLSFT
REEIALKAQELRFLEQHGNNIVKFTNLIFFLCLACP WCMHYKSFELYLNKILETEPSRQLSPEAMKRLTS
LGPVNLIKSKWFVDLCS ENGLSPPDAEITKHLDWLYRYCCALVSSNSEPLAATVNAMKPDEAVNTEQVLT
KLRGILAKYNLEDSDLDFKWTISMIANSNF EVAKKLTGR TTGERLPRSVRSKVIYEMIKLVGC SGMAVLQ
QLAFSTILNHNHEFFAVLAPKAQLGGHRDLLVQESG TKVVHATTEMFSRTLLSTTNDDGLTNSHLKEAIL
NEGLAKMMLSRRNHGRP VSEMDDDGCLQFFRVFCISGDNTKWGPIHCCSLFSGMMQQLLKDYPDWCNMYK
LTLFLKNLYRKVEIPSAAIQILTTFKTRLASKYKLET MRENELRKLLNESIEIWS DQPMIQFLIRTYLCKGDMAMTCYN
HMQQGIHHATSSILTSVMADGIELIREFCKRTFPELTVEVAHAGSSDDYAKCITLSGAIS