

Table S1. Peptide sequences for BoDV-1 ELISpot.

BoDV-1 protein	peptide sequence (15-mer, 11aa overlap)
BoDV-1 N protein (p40): N → C	MPPKRRLVDDADAME RRLVDDADAMEDQDL DDADAMEDQDLYEPP AMEDQDLYEPPASLP QDLYEPPASLPKLP EPPASLPKLPKFLQ SLPKLPKFLQYTVG LPGKFLQYTVGGSDP FLQYTVGGSDPHPGI TVGGSDPHPGIGHEK SDPHPGIGHEKDIRQ PGIGHEKDIRQNAVA HEKDIRQNAVALDQ IRQNAVALDQSRRD AVALDQSRRDMFHT LDQSRRDMFHTVTPS RRDMFHTVTPSLVFL FHTVTPSLVFLCLI TPSLVFLCLIPGLH VFLCLIPGLHAAFV LLIPGLHAAFVHGGV GLHAAFVHGGVPRES AFVHGGVPRESYLST GGVPRESYLSTPVTR RESYLSTPVTRGEQT LSTPVTRGEQTVVKT VTRGEQTVVKTAKFY EQTVVKTAKFYGEKT VKTAKFYGEKTTQRD KFYGEKTTQRDLTEL EKTTQRDLTELEISS QRDLTELEISSIFSH TELEISSIFSHCCSL ISSIFSHCCSLIGV FSHCCSLIGVVIGS CSLLIGVVIGSSSKI IGVVIGSSSKIKAGA IGSSSKIKAGAEQIK SKIKAGAEQIKKRFK AGAEQIKKRFKTMMA QIKKRFKTMMAALNR RFKTMMAALNRPSHG MMAALNRPSHGETAT LNRPSHGETATLLQM SHGETATLLQMFNPH TATLLQMFNPHEAID LQMFNPHEAIDWING NPHEAIDWINGQPWV

	AIDWINGQPWVGSFV INGQPWVGSFVLSLL PWVGSFVLSLLTTDF SFVLSLLTTDFESPG SLLTTDFESPGKEFM TDFESPGKEFMDQIK SPGKEFMDQIKLVAS EFMDQIKLVASYAQM QIKLVASYAQMTTYT VASYAQMTTYTTIKE AQMTTYTTIKEYLAE TYTTIKEYLAECMDA IKEYLAECMDATLT LAECMDATLTIPVVA MDATLTIPVVAYEIR LTIPVVAYEIRDFLE VVAYEIRDFLEVSAK EIRDFLEVSAKLKED FLEVSAKLKEDHADL SAKLKEDHADLFPFL KEDHADLFPFLGAIR ADLFPFLGAIRHPDA PFLGAIRHPDAIKLA AIRHPDAIKLAPRSF PDAIKLAPRSFPNLA KLAPRSFPNLASAAF RSFPNLASAAFYWSK NLASAAFYWSKKENP AAFYWSKKENPTMAG WSKKENPTMAGYRAS ENPTMAGYRASTIQP MAGYRASTIQPGASV RASTIQPGASVKETQ IQPGASVKETQLARY ASVKETQLARYRRRE ETQLARYRRREISRG ARYRRREISRGEDGA RREISRGEDGAELSG SRGEDGAELSGEISA DGAELSGEISAIMKM LSGEISAIMKMIGVT EISAIMKMIGVTGLN
BoDV-1 X protein (p10): N → C	MSSDLRLTLELVRR LRLTLELVRRRLNGN LLELVRRRLNGNATIE VRRRLNGNATIESGRL NGNATIESGRLPGGR TIESGRLPGGRRRSP GRLPGGRRRSPDTTT GGRRRSPDTTTGTTG RSPDTTTGTTGVTKT TTTGTTGVTKTEGP TTGVTKTEGPKECI

	TKTTEGPKECIDPTS EGPKECIDPSTRPAP ECIDPSTRPAPEGPQ PSTRPAPEGPQEEPL PAPEGPQEEPLHDLR GPQEEPLHDLRPRPA EPLHDLRPRPANRKG DLRPRPANRKGAAVE
BoDV-1 P protein (p24): N → C	MATRPSSLVDSLEDE PSSLVDSLEDEEDPQ VDSLEDEEDPQTLRR EDEEDPQTLRRERPG DPQTLRRERPGSPRP LRRERPGSPRPRKVP RPGSPRPRKVPRNAL PRPRKVPRNALTQPV KVPRNALTQPDQLL NALTQPDQLLKDLR QPVDQLLKDLRKNPS QLLKDLRKNPSMISD DLRKNPSMISDPDQR NPSMISDPDQRTGRE ISDPDQRTGREQLSN DQRTGREQLSNDELI GREQLSNDELIKKLV LSNDELIKKLVTELA ELIKKLVTELAENSM KLVTELAENSMIEAE ELAENSMIEAEVVRG NSMIEAEVVRGTLGD EAEVVRGTLGDISAR VRGTLGDISARIEAG LGDISARIEAGFESL SARIEAGFESLSALQ EAGFESLSALQVETI ESLSALQVETIQTAAQ ALQVETIQTAAQRCDH ETIQTAAQRCDHSDSI TAQRCDHSDSIRILG CDHSDSIRILGENIK DSIRILGENIKILDR ILGENIKILDRSMKT NIKILDRSMKTMMET LDRSMKTMMETMKLM MKTMMETMKLMMEKV METMKLMMEKVDLLY KLMMEKVDLLYASTA EKVDLLYASTAVGTS LLYASTAVGTSAPML STAVGTSAPMLPSHP GTSAPMLPSHPAPPR PMLPSHPAPPRIYPQ SHPAPPRIYPQLPSA

	PPRIYPQLPSAPTTD YPQLPSAPTTDEWDI QLPSAPTTDEWDIIP
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