

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 TPSLVFLCLLIPGLH VFLCLLIPGLHAAFV LLIPGLHAAFVHGGV GLHAAFVHGGVPRES AFVHGGVPRESYLST GGVPRESYLSTPVTR RESYLSTPVTRGEQT LSTPVTRGEQTVVKT VTRGEQTVVKTAKFY EQTVVKTAKFYGEKT VKTAKFYGEKTTQRD KFYGEKTTQRDLTEL EKTQRDLTELEISS QRDLTELEISSIFSH TELEISSIFSHCCSL ISSIFSHCCSLIGV FSHCCSLIGVVIGS CSLLIGVVIGSSKI IGVVIGSSKIKAGA IGSSKIKAGAEQIK SKIKAGAEQIKKRFK AGAEQIKKRFKTMMA QIKKRFKTMMAALNR RFKTMMAALNRPSHG MMAALNRPSHGETAT LNRPSHGETATLLQM SHGETATLLQMFNPH TATLLQMFNPHEAID LQMFNPHEAIDWING NPHEAIDWINGQPWV

	AIDWINGQPWVGSFV INGQPWVGSFVLSLL PWVGSFVLSLLTDF SFVLSLLTDFESPG SLLTDFESPGKEFM TDFESPGKEFMDQIK SPGKEFMDQIKLVAS EFMDQIKLVASYAQM QIKLVASYAQMTTYT VASYAQMTTYTTIKE AQMTTYTTIKEYLAE TYTTIKEYLAECMDA IKEYLAECMDATLTI LAECMDATLTIPVVA MDATLTIPVVAYEIR LTIPVVAYEIRDFLE VVAYEIRDFLEVSAK EIRDFLEVSARKED FLEVSARKEDHADL SARKEDHADLFPFL KEDHADLFPFLGAIK ADLFPFLGAIKHPDA PFLGAIKHPDAIKLA AIKHPDAIKLAPRSF 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 TTTGTTGVTKTTEGP TTGVTKTTEGPKECI

	TKTTEGPKCIDPTS EGPKCIDPSTRPAP ECIDPSTRPAPEGPQ PSTRPAPEGPQEEPL PAPEGPQEEPLHDLR GPQEEPLHDLRPRPA EPLHDLRPRPANRKG DLRPRPANRKGAAVE
BoDV-1 P protein (p24): N → C	MATRPSSLVDSLEDE PSSLVDSLEDEEDPQ VDSLEDEEDPQTLRR EDEEDPQTLRRERPG DPQTLRRERPGSPRP LRRERPGSPRPRKVP RPGSPRPRKVPRNAL PRPRKVPRNALTQPV KVPRNALTQPVDQLL NALTQPVDQLLKDLR QPVDQLLKDLRKNPS QLLKDLRKNPSMISD DLRKNPSMISDPDQR NPSMISDPDQRTGRE ISDPDQRTGREQLSN DQRTGREQLSNDELI GREQLSNDELIKKLV LSNDELIKKLVTELA ELIKKLVTELAENSM KLVTELAENSMIEAE ELAENSMIEAEEVRG NSMIEAEEVRGTLGD EAAEVRGTLGDISAR VRGTLGDISARIEAG LGDISARIEAGFESL SARIEAGFESLSALQ EAGFESLSALQVETI ESLSALQVETIQTAQ ALQVETIQTAQRCDH ETIQTAQRCDHSDSI TAQRCDHSDSIRILG CDHSDSIRILGENIK DSIRILGENIKILDR ILGENIKILDRSMKT NIKILDRSMKTMET LDRSMKTMETMKLM MKTMMETMKLMMEKV METMKLMMEKVDLLY KLMMEKVDLLYASTA EKVDLLYASTAVGTS LLYASTAVGTSAPML STAVGTSAPMLPSHP GTSAPMLPSHPAPPR PMLPSHPAPPRIYPQ SHPAPPRIYPQLPSA

	PPRIYPQLPSAPTTD YPQLPSAPTTDEWDI QLPSAPTTDEWDIIP
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