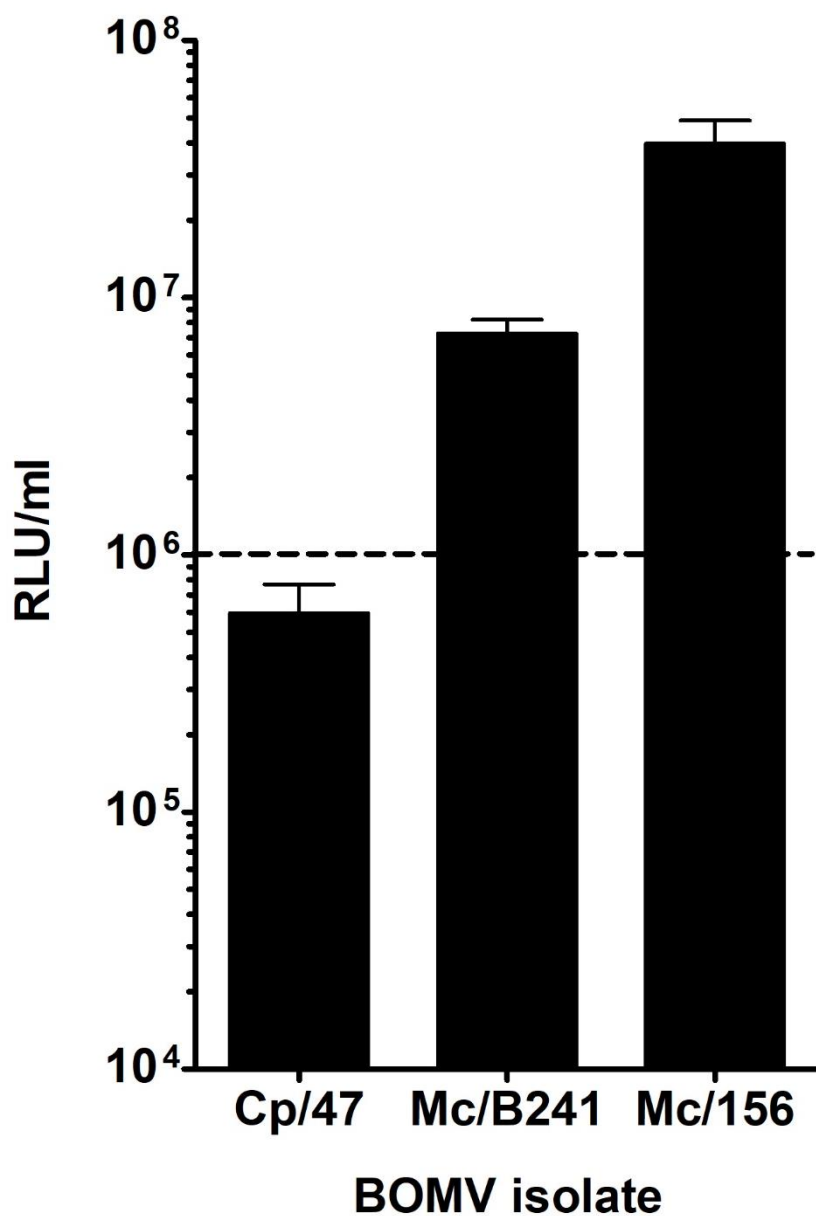


EBOV/Makona/GIN/2014/Kissidougou-C15	MGVTGILQLPRDRFKRTSFLLWVILFQRTFSIPLGVHNSLTQVSDVKLVCRDKLSST	60
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	---MILQVPEKRRHQTVLFIWLVLVLFQRAVSVPLGVHNSLTQVSDIKLVCHDKLTST	56
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	----MILQVPEKRRHQTVLFIWLVLVLFQRAVSVPLGVHNSLTQVSDIKLVCHDKLTST	56
BOMV/M. condylurus/Kenya/2018/B241	----MILQVPEKRRHQTVLFIWLVLVLFQRAVSVPLGVHNSLTQVSDIKLVCHDKLTST	56
BOMV/M. condylurus/Kenya/2019/X030	----MILQVPEKRRHQTVLFIWLVLVLFQRAVSVPLGVHNSLTQVSDIKLVCHDKLTST	56
BOMV/M. condylurus/Kenya/2019/Z153	---MILQVPEKRRHQTVLFIWLVLVLFQRAVSVPLGVHNSLTQVSDIKLVCHDKLTST	56
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EBOV/Makona/GIN/2014/Kissidougou-C15	NQLRSVGLNLEGNVATVPSATKRWGFRAGVPPKVVNVEAGEWAENCYNLEIKPKDSE	120
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	NQLRSIGLNLENGIATVPSATKRWGFRAGVPPKVVVGEAGEWAENCYNLEIKPKDSE	116
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	NQLRSIGLNLENGIATVPSATKRWGFRAGVPPKVVVGEAGEWAENCYNLEIKPKDSE	116
BOMV/M. condylurus/Kenya/2018/B241	NQLRSIGLNLENGIATVPSATKRWGFRAGVPPKVVVGEAGEWAENCYNLEIKPKDSE	116
BOMV/M. condylurus/Kenya/2019/X030	NQLRSIGLNLENGIATVPSATKRWGFRAGVPPKVVVGEAGEWAENCYNLEIKPKDSE	116
BOMV/M. condylurus/Kenya/2019/Z153	NQLRSIGLNLENGIATVPSATKRWGFRAGVPPKVVVGEAGEWAENCYNLEIKPKDSE	116
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EBOV/Makona/GIN/2014/Kissidougou-C15	CLPAAPDGIIRGFPRCRYVHKVSGTGPCAGDHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	180
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	CLPMAPEGIRGFFPRCRYVHKVSGTGSCSGHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	176
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	CLPMAPEGIRGFFPRCRYVHKVSGTGPCSGHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	176
BOMV/M. condylurus/Kenya/2018/B241	CLPMAPEGIRGFFPRCRYVHKVSGTGSCSGHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	176
BOMV/M. condylurus/Kenya/2019/X030	CLPMAPEGIRGFFPRCRYVHKVSGTGSCSGHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	176
BOMV/M. condylurus/Kenya/2019/Z153	CLPMAPEGIRGFFPRCRYVHKVSGTGSCSGHAFHKEGAFFLYDRLASTIIVYRGTTFAEV	176
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EBOV/Makona/GIN/2014/Kissidougou-C15	VAFILLPQAKKDFSSHPLREPVNATEDPSSGYSTTIRYQATGFGTNETEYLFVENDLT	240
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	VAFIILPKAEKNFLQPLTQGTNTTNDPSSMYHSTTLEYETTRGNNRSFAFWKVDNLT	236
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	VAFIILPKAEKNFLQPLTQGTNTTNDPSSMYHSTTLEYETTRGNNRSFAFWKVDNLT	236
BOMV/M. condylurus/Kenya/2018/B241	VAFIILPKAEKNFLQPLTQGTNTTNDPSSMYHSTTLEYETTRGNNRSFAFWKVDNLT	236
BOMV/M. condylurus/Kenya/2019/X030	VAFIILPKAEKNFLQPLTQGTNTTNDPSSMYHSTTLEYETTRGNNRSFAFWKVDNLT	236
BOMV/M. condylurus/Kenya/2019/Z153	VAFIILPKAEKNFLQPLTQGTNTTNDPSSMYHSTTLEYETTRGNNRSFAFWKVDNLT	236
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EBOV/Makona/GIN/2014/Kissidougou-C15	YVQLESRTFPQFLQLNETIYASGKRNTTGKLIWKNVEIDTTIGEWAFWETKKNLTRK	300
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	FVQLESRTFPQFLVELNETIYIEGKRNTTGRLIWNQNSRVDTDVGEWAFWENKKNLKKS	296
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	FVQLESRTFPQFLVELNETIYIEGKRNTTGRLIWNQNSRVDTDVGEWAFWENKKNLKKS	296
BOMV/M. condylurus/Kenya/2018/B241	FVQLESRTFPQFLVELNETIYIEGKRNTTGRLIWNQNSRVDTDVGEWAFWENKKNLKKS	296
BOMV/M. condylurus/Kenya/2019/X030	FVQLESRTFPQFLVELNETIYIEGKRNTTGRLIWNQNSRVDTDVGEWAFWENKKNLKKS	296
BOMV/M. condylurus/Kenya/2019/Z153	FVQLESRTFPQFLVELNETIYIEGKRNTTGRLIWNQNSRVDTDVGEWAFWENKKNLKKS	296
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EBOV/Makona/GIN/2014/Kissidougou-C15	IRSEELSFTAVSNGFKNISGGSPARTSSDPETNTTNEHKKIMASENSAMVQVHSQGRKA	360
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	FPREELSLTAVPRAADSEHDAHPEYTPGPDNSPTINDNLTVDPAHLVLQQRGRKE	356
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	FPREELSLTAVPRAADSEHDAHPEYTPGPDNSPTINDNLTVDPAHLVLQQRGRKE	356
BOMV/M. condylurus/Kenya/2018/B241	FPREELSAAVPRADSEHDTHPPEHTPGPDNSPTINDNLTVDPAHLVLQQRGRKE	356
BOMV/M. condylurus/Kenya/2019/X030	FPREELSAAVPRADSEHDTHPPEHTPGPDNSPTINDNLTVDPAHLVLQQRGRKE	356
BOMV/M. condylurus/Kenya/2019/Z153	FPREELSAAAPRAADSEHDAHPPKHTPGPDNSPTINDNLTVDPAHLVLQQRGRKE	356
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EBOV/Makona/GIN/2014/Kissidougou-C15	AVSHLTTLATISTSPQPTT-TKTGPDNSTHNTVPYKLDISEATQVGGHRRANDNSTASD	419
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	ILPTTIPQAIE---REPPAAQHDNFRNSPTPPSPIESDITDSTQAEDLTHDDPSTINS	413
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	ILPTTIPQAIE---REPPAAQHDNFRNSPTPPSPIESDITDSTQAEDLTHDDPSTINS	413
BOMV/M. condylurus/Kenya/2018/B241	ILPTTIPQAIE---REPPAAQHDNFRNSPTPPSPIESDITDSTQAEDLTHDDPSTINS	413
BOMV/M. condylurus/Kenya/2019/X030	ILPTTIPQAIE---REPPAAQHDNFRNSPTPPSPIESDITDSTQAEDLTHDDPSTINS	413
BOMV/M. condylurus/Kenya/2019/Z153	ILPTTIPQAIE---REPPAAQHDNFRNSPTPPSPIESDITDSTQAEDLTHDDPSTINS	413
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EBOV/Makona/GIN/2014/Kissidougou-C15	TPPATTAAGPLKAENTNTSKSADSLDATTSPQNYSETAGNNN---THQD--TGEE	473
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	TEEPLPEVGITTQ---VRDPDEPRRTQPTTPPTGQPEQSDNTMTGGIHSESAAPMGE	469
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	TEKPLPEVGITTQ---VRDPDEPRRTQPTTPPTGQPEQSDNTMTGGIHSESAAPMGE	469
BOMV/M. condylurus/Kenya/2018/B241	TEESLPEVGITTQ---VRDPDEPRITLSTPPTGQPEQSDNTMTGGIHSESAAPMGE	469
BOMV/M. condylurus/Kenya/2019/X030	TEESLPEVGITTQ---VRDPDEPRITLSTPPTGQPEQSDNTMTGGIHSESAAPMGE	469
BOMV/M. condylurus/Kenya/2019/Z153	TEEPLPEVGITTQ---VRDPDEPGITLPTPTGQPEQSDNTMTGGIHSESAAPMGE	469
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EBOV/Makona/GIN/2014/Kissidougou-C15	ASSGKLGLINTIAGVAGLITGGRRTRREVIVNAQPKCNPNLHYWTTQDEGAAIGLAWIP	533
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	RSIDGPGLLTNTLAGVARLITAGRAKRESPEIRGAKCNPNLHYWTTHEESAAAGLAWIP	529
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	RSIDGPGLLTNTLAGVARLITAGRAKRESPEIRGAKCNPNLHYWTTHEESAAAGLAWIP	529
BOMV/M. condylurus/Kenya/2018/B241	RSIDGPGLLTNTLAGVARLITAGRAKRESPEIRGAKCNPNLHYWTTHEESAAAGLAWIP	529
BOMV/M. condylurus/Kenya/2019/X030	RSIDGPGLLTNTLAGVARLITAGRAKRESPEIRGAKCNPNLHYWTTHEESAAAGLAWIP	529
BOMV/M. condylurus/Kenya/2019/Z153	RSIDGPGLLTNTLAGVARLITAGRAKRESPEIRGAKCNPNLHYWTTHEESAAAGLAWIP	529
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EBOV/Makona/GIN/2014/Kissidougou-C15	YFGPAAEGIYTEGLMHNQDGLICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	593
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	YFGPAAEGIYTEGLMHNQNELICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	589
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	YFGPAAEGIYTEGLMHNQNELICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	589
BOMV/M. condylurus/Kenya/2018/B241	YFGPAAEGIYTEGLMHNQNELICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	589
BOMV/M. condylurus/Kenya/2019/X030	YFGPAAEGIYTEGLMHNQNELICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	589
BOMV/M. condylurus/Kenya/2019/Z153	YFGPAAEGIYTEGLMHNQNELICGLRQLANETTQALQLFLRSTTELRTFSILNRKAIDFL	589
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EBOV/Makona/GIN/2014/Kissidougou-C15	LQRWGGTCHILGPDCCIEPHDWTKNITDKIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	653
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	LQRWGGTCHILGPDCCIEPHDWTKNITDRIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	649
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	LQRWGGTCHILGPDCCIEPHDWTKNITDRIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	649
BOMV/M. condylurus/Kenya/2018/B241	LQRWGGTCHILGPDCCIEPHDWTKNITDRIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	649
BOMV/M. condylurus/Kenya/2019/X030	LQRWGGTCHILGPDCCIEPHDWTKNITDRIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	649
BOMV/M. condylurus/Kenya/2019/Z153	LQRWGGTCHILGPDCCIEPHDWTKNITDRIDQI IHDFVDKLPDQGDNDNWTGWQRQWIP	649
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EBOV/Makona/GIN/2014/Kissidougou-C15	AGIGVTGVIIAIVIALFCICKFVF	676
BOMV/M. condylurus/SLE/2016/PREDICT_SLAB000156	AGIGVGVGIIAIFALICICKIIC	672
BOMV/C. pumilus/SLE/2016/PREDICT_SLAB000047	AGIGVGVGIIAIFALICICKIIC	672
BOMV/M. condylurus/Kenya/2018/B241	AGIGVGVGIIAIFALICICKIIC	672
BOMV/M. condylurus/Kenya/2019/X030	AGIGVGVGIIAIFALICICKIIC	672
BOMV/M. condylurus/Kenya/2019/Z153	AGIGVGVGIIAIFALICICKIIC	672
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Supplementary Figure S1. Sequence alignment of the EBOV GP sequence to four BOMV isolates GP. Residues involved in direct interaction with the NPC1 receptor are outlined in black, with the BOMV S146 polymorphism highlighted in red. The highly-conserved coiled-coil domain is outlined in blue with sequence polymorphisms at P558 and D607 highlighted in red for the single BOMV isolate from *C. pumilus*



Supplementary Figure S2. Mean titres of lentiviral pseudotype bearing different Bombali ebolavirus (BOMV) isolate GP. Supernatant from LVV producer cells for *C. pu-milus*/SLE/2016/PREDICT_SLAB000047 (Cp/47), *M. condylurus*/Kenya/B241 (Mc/B241) and *M. condylurus*/SLE/2016/PREDICT_SLAB000156 (MC/156) were titrated onto HEK 293T/17 cells. The dotted line indicates the minimum titre required for use in downstream assays. Error bars indicate SEM (n=2).