

Supplementary material S4. Alignment of the complete/nearly complete nucleotide (nt) sequences (full-length minus partial 3'-UTR) of gene segment-2/RNA-dependent RNA polymerase (RdRp) genes of picobirnavirus (PBV) and PBV-like strains detected in the small Indian mongoose on the Caribbean island of St. Kitts with that of prototype PBV genogroup-I strain PBV/Human/CHN/1-CHN-97/1997. A '*' denotes an identical nt residue, whilst '-' indicates absence of a nt residue. The 5'- terminal sequence, the bacterial ribosomal binding site (RBS) sequence and the 3'- terminal sequence that are conserved in PBVs is shown with yellow, blue and pink, respectively. The putative start codon (ATG) and stop codon (TAA) for the putative RdRp gene of mongoose PBV GI strains is highlighted with green and red, respectively, whilst those of PBV-like strain PBV-like/Mongoose/KNA/M17A/2017 is shown with grey and teal, respectively. Numbers to the right indicate the positions of the nt for respective PBV strains.

PBV-like/Mongoose/KNA/M17A/2017	GTAAATTTTCAAATTTTCTA-TTTCTATGAAATTTTAAATTGCGTGATT	49
PBV/Mongoose/KNA/M17B/2017	GTAAATTTTCTTACTT-----TTAC-AAATAAT-----	27
PBV/Mongoose/KNA/M33/2017	GTAAATTTTCT---TT-----TTAC-TTCTATTTAATTCTTAAGAT	37
PBV/Mongoose/KNA/M45/2017	GTAAATTTTAA--CT-----TTAC-A-CTATT-----T	25
PBV/Mongoose/KNA/M46/2017	GTAA-TTTCTA--TTAA-----TTAC-AAATTTT-----	26
PBV/Mongoose/KNA/M58/2017	GTAAATTTTAA--CT-----TTAC-A-CTATT-----T	25
PBV/Mongoose/KNA/M67/2017	GTAAATTTTAA--CT-----TTAC-A-CTATT-----T	25
PBV/Mongoose/KNA/M72/2017	GTAAATTTTGTAA--TT-----TTAC-A-ATATTCAGAAAGGAGT	37
PBV/Human/CHN/1-CHN-97/1997	GTAAATTTTGTATTCTTGAAACATTTC-AAATTTA-----	36
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PBV-like/Mongoose/KNA/M17A/2017	-----TACTGAAAACGCTTACAGTGGCAG	73
PBV/Mongoose/KNA/M17B/2017	-----TTG-----	30
PBV/Mongoose/KNA/M33/2017	CCTTTCGGATCGAATTTCAAATCTTATTTTGACTTTCTTTTGAAATTAA	87
PBV/Mongoose/KNA/M45/2017	-----CTTTG-----	30
PBV/Mongoose/KNA/M46/2017	-----ATG-----	29
PBV/Mongoose/KNA/M58/2017	-----CTTTG-----	30
PBV/Mongoose/KNA/M67/2017	-----CTTTG-----	30
PBV/Mongoose/KNA/M72/2017	-----TTTTGTAAAC-----AAATTTCAA	56
PBV/Human/CHN/1-CHN-97/1997	-----TTTG-----	40
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PBV-like/Mongoose/KNA/M17A/2017	ATAACTGTATACATTTTCAGGAGGTTAGTTTCTTTGTGATTAAGA--AGCTA	121
PBV/Mongoose/KNA/M17B/2017	--AA-----AGGAGGTT--CACGTTATGCCTAAAAATAACGT	63
PBV/Mongoose/KNA/M33/2017	AGAA-----AGGAGGCT--ACACTATGCCTAAAAGTAGTGA	121
PBV/Mongoose/KNA/M45/2017	--AA-----AGGAGGTT--CACATTATGCCTAAAAATAATGT	63
PBV/Mongoose/KNA/M46/2017	--AA-----AGGAGGCTA-CTCAATATGCCTAAAAATAATGTGA	63
PBV/Mongoose/KNA/M58/2017	--AA-----AGGAGGTT--CACATTATGCCTAAAAATAATGT	63
PBV/Mongoose/KNA/M67/2017	--AA-----AGGAGGTT--CACATTATGCCTAAAAATAATGT	63
PBV/Mongoose/KNA/M72/2017	AGAA-----AGGAGGTT--CGCGTTATGCCTAAAAATAACGT	91
PBV/Human/CHN/1-CHN-97/1997	--AA-----AGGAGGCAA-ATCGTTATGCCTAAAAATAACGA	74
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PBV-like/Mongoose/KNA/M17A/2017	AACT-----TGAAGGACTAT-----TTCATCC-----TTC-C	147
PBV/Mongoose/KNA/M17B/2017	AACA--AGTT-TTATTAATAACCACTTCGTGGATACTAAC-----TACAC	105
PBV/Mongoose/KNA/M33/2017	AACT--AATT-TTGGTAAGTAT-----TTTAAAC-----TAC-C	151
PBV/Mongoose/KNA/M45/2017	AATT--AAAT-TCGATAATTGC-----TTTCAAT-----TAC-C	93
PBV/Mongoose/KNA/M46/2017	AAACGGAACATATTGGTAAATAT-----TTCGATT-----TAC-C	96
PBV/Mongoose/KNA/M58/2017	AATT--AAAT-TCGATAATTGC-----TTTCAAT-----TAC-C	93
PBV/Mongoose/KNA/M67/2017	AATT--AAAT-TCGATAATTGC-----TTTCAAT-----TAC-C	93
PBV/Mongoose/KNA/M72/2017	AACT--AAGT-CAGTCGAGTAC-----TA-CAATAGTAGTTT-C	125
PBV/Human/CHN/1-CHN-97/1997	AGTT--AGTT-TTGGTGAGTAC-----TTTAACT-----TAC-C	104
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PBV-like/Mongoose/KNA/M17A/2017	CAATCAG-----GGTTT---AC-----AGTCTTATTTACACA	176
PBV/Mongoose/KNA/M17B/2017	GAGTTACTTCACACATAGTGTTTTCCAATCACTTCGGACTTATATGGGCA	155
PBV/Mongoose/KNA/M33/2017	AAATCCG-----GGATT--AAT-----GTCCTATTTTGGCA	180
PBV/Mongoose/KNA/M45/2017	GAATCAA-----GGTTT--AA-----GGACGTATTTTGGCA	122
PBV/Mongoose/KNA/M46/2017	AAACCCT-----GGACT--GGT-----GTCATATTTTGCACA	125
PBV/Mongoose/KNA/M58/2017	GAATCAA-----GGTTT--AA-----GGACGTATTTTGGCA	122
PBV/Mongoose/KNA/M67/2017	GAATCAA-----GGTTT--AA-----GGACGTATTTTGGCA	122
PBV/Mongoose/KNA/M72/2017	GACTCAA-----GTCCT--AACT--TACGGACGTATTTTGGCA	159
PBV/Human/CHN/1-CHN-97/1997	TAATCCG-----GGACT--AA-----AGTCCTATTTTGCACA	133
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PBV-like/Mongoose/KNA/M17A/2017	AGACGGAGGTAGGTAGCGACCTTGACATTTCGT---ACTCCGTTTT---GG	220
PBV/Mongoose/KNA/M17B/2017	ATGTCGTTAAAGG--ACAGC-CTAAAGTCTACACAGCTCCATTTCGCCAAG	202
PBV/Mongoose/KNA/M33/2017	ATGTCAAGAAAGG--ACAAC-CCAACATTTATGACACACCTTTTCGCCAGA	227
PBV/Mongoose/KNA/M45/2017	ACGTCGTTAAAGG--ACAAC-CTTATGTGTATGATACGCCTTTTCGCCAGA	169
PBV/Mongoose/KNA/M46/2017	TAGTTCAGAAAGG--ACAAC-CTGAAGTGTATAGCACACCATTTGCTAGA	172
PBV/Mongoose/KNA/M58/2017	ACGTCGTTAAAGG--ACAAC-CTTATGTATATGATACGCCTTTTCGCCAGA	169
PBV/Mongoose/KNA/M67/2017	ACGTCGTTAAAGG--ACAAC-CTTATGTATATGATACGCCTTTTCGCCAGA	169
PBV/Mongoose/KNA/M72/2017	GTGTTGTCAAAG--ACAGT-CCGAAGTTTACGACACGCCCTTCGCCAGG	206
PBV/Human/CHN/1-CHN-97/1997	GAGTT-CGATCAG--GCAATACTGACGAATATCGTACTACATTTTCCGT	180
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PBV-like/Mongoose/KNA/M17A/2017	---GACGAGA-AGCCTAGATCATCGATCATGGCGATGTGACAAGCTGTGG	266
PBV/Mongoose/KNA/M17B/2017	---GGAAGCACAAATTTCAGAGTGT--C--TTGGATGACTGGCAGGAGGTCC	245
PBV/Mongoose/KNA/M33/2017	---GGTGAGTCAACTGAGGAAGCTC--C--TTAGTAAATGGATGGACGTTT	270
PBV/Mongoose/KNA/M45/2017	---GGCGAATCAACTGCCGAAGCTC--CTATCGGCCTG-GGATAAG-ACCC	212
PBV/Mongoose/KNA/M46/2017	CACAATGGAGGAACACAGAAGGTT--C--TCAAAGACTGGCTGCC-ACAG	217
PBV/Mongoose/KNA/M58/2017	---GGCGAATCAACTGCCGAAGCTC--CTATCGGCCTG-GGATAAG-ACCC	212
PBV/Mongoose/KNA/M67/2017	---GGCGAATCAACTGCCGAAGCTC--CTATCGGCCTG-GGATAAG-ACCC	212
PBV/Mongoose/KNA/M72/2017	---GGCGAATCAACCAAGGAGATG--C--TTGGCAAATGGATGGCTGTGC	249
PBV/Human/CHN/1-CHN-97/1997	---GGGAGATCATTAGACAGTATC--C--TCAAAGCGTGGAAAGCCAACG-	222
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PBV-like/Mongoose/KNA/M17A/2017	TTGACTCTTCAAATCTGGAAGCTAAGTTGCCAGGTTTGATAAAATTTGAG	316
PBV/Mongoose/KNA/M17B/2017	TTGTATC----AA-TTTCTGACAA-GTGGCCTTCTCTGTGGGAGTTTGAG	289
PBV/Mongoose/KNA/M33/2017	TTGTATC----AA-TCAA-GACGCGGTGGCCATCCTTATGGGAGTTTGAA	314
PBV/Mongoose/KNA/M45/2017	TTGTATC----GA-TTAGCGACAA-GTGGCCCTCGCTGTATGAGTTTGAA	256
PBV/Mongoose/KNA/M46/2017	TTGGATA----AAATTTCTGA-ACAGTGGCCAACACTGCTAGAAATTTGAG	262
PBV/Mongoose/KNA/M58/2017	TTGTATC----GA-TTAGCGACAA-GTGGCCCTCGCTGTATGAGTTTGAA	256
PBV/Mongoose/KNA/M67/2017	TTGTATC----GA-TTAGCGACAA-GTGGCCCTCGCTGTATGAGTTTGAA	256
PBV/Mongoose/KNA/M72/2017	TAAAGTC----GA-TTGAC-ACAGCTGGCCTTCATTGTACAAGTACGAA	293
PBV/Human/CHN/1-CHN-97/1997	TTGGACA----AGATCGGAAACGA-TTGGCCAACGCTTCTGGATTTTGAA	267
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PBV-like/Mongoose/KNA/M17A/2017	ATGGACATGAAATCAAAGTCGGTCCACTCTCCGTCCA-AGAACCCTTAC	365
PBV/Mongoose/KNA/M17B/2017	ATGGACTTAGCTAGCAAGTCGGCCCATTATCAGTTCA-GAAACCTTTGC	338
PBV/Mongoose/KNA/M33/2017	GAGGACCTCTCTAAGAAGGTCGGACCAATGTCAGT-CATGAAACCTTTGA	363
PBV/Mongoose/KNA/M45/2017	ATTGACCTCGCGAAGAAGGTCGGACCTATGTCAGT-CATGGCACCCCTTA	305
PBV/Mongoose/KNA/M46/2017	AAAGATCTTGCGACGAAGGTCGGACCAATGTCTGT-GATGAAACCTCTTA	311
PBV/Mongoose/KNA/M58/2017	ATTGACCTCGCGAAGAAGGTCGGACCTATGTCAGT-CATGGCACCCCTTA	305
PBV/Mongoose/KNA/M67/2017	ATTGACCTCGCGAAGAAGGTCGGACCTATGTCAGT-CATGGCACCCCTTA	305
PBV/Mongoose/KNA/M72/2017	ATTGACCTCGCAAGCAAGGTCGGACCTATGTCAGTGC GTAA-GCCTCTCT	342
PBV/Human/CHN/1-CHN-97/1997	AATGATCTCGCGAAGAAGGTCGGTCCGTTGTCTATTCA-AAAGCCACTCG	316

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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	TAAGACGGATTCCCCGACGTAATGGACTATTATAACGAT----CCGAAAGG	411
PBV/Mongoose/KNA/M17B/2017	GCGAGAGGATAACTGATATTGCGCATTACTACGAAGATATTCTCCTATCT	388
PBV/Mongoose/KNA/M33/2017	GTCAGAGAATGACTGATATTCTGTTCTTACTATGATGGTATTCTCCTTCCA	413
PBV/Mongoose/KNA/M45/2017	GTAAACGCATGCCTGATATAGATTCTTACTACGAAGGTATTCTCTCCCCCT	355
PBV/Mongoose/KNA/M46/2017	GCGAACGCATTATGGATATTGATTCTTATTACGACGGTATTCACCAACCA	361
PBV/Mongoose/KNA/M58/2017	GCAAACGCATGTCCTGATATAGATTCTTACTACGAAGGTATTCTCTCCCCCT	355
PBV/Mongoose/KNA/M67/2017	GTAAACGCATGTCCTGATATAGATTCTTACTACGAAGGTATTCTCTCCCCCT	355
PBV/Mongoose/KNA/M72/2017	CCGAGCGCATGGAAGACATAGACCATTACTATGACGGTATTCTCCTTCCG	392
PBV/Human/CHN/1-CHN-97/1997	CAGAGCGTTTGGATGACATCGAATCTTACTATGAATCTATCTCCTTAGAT	366
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PBV-like/Mongoose/KNA/M17A/2017	TCAGGA--AGTTAGTCCGCGAGCAATCGCATGCG-TTAAGGAAGAATTTA	458
PBV/Mongoose/KNA/M17B/2017	TCAACACCAATAGATCCTGTTGCCATAA-AGCAGACTATTGGTGAATTCA	437
PBV/Mongoose/KNA/M33/2017	TCAGAACCACCTCAGTGAGAGGGCGATCGCAGCTG-TGATCTCTGAGTGGC	462
PBV/Mongoose/KNA/M45/2017	TCGAAACCACTCAGCGACCGAGCAGTAGCGGCCG-TGATCGCTGAGTGGA	404
PBV/Mongoose/KNA/M46/2017	GTCGCACGAATCAACGATACTGCTCTCCAAGCCG-TAGTATCGGAATTCA	410
PBV/Mongoose/KNA/M58/2017	TCGAAACCACTCAGCGACCGAGCAGTAGCGGCCG-TGATCGCTGAGTGGA	404
PBV/Mongoose/KNA/M67/2017	TCGAAACCACTCAGCGACCGAGCAGTAGCGGCCG-TGATCGCTGAGTGGA	404
PBV/Mongoose/KNA/M72/2017	TCAACATCTGTGAGCGACAGTGCGATAGCGGCTG-TTGTTCATGAGATGA	441
PBV/Human/CHN/1-CHN-97/1997	TCAGAACCCATTAGTAGATCAGCAATAGCAGCTG-TGATAGCTGAATGGG	415
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PBV-like/Mongoose/KNA/M17A/2017	AAGCATTAAGGGGTCTCAGGTTGCGTGATGCTGATGCAACTGTGCTGAG	508
PBV/Mongoose/KNA/M17B/2017	ACAAAGCAAGAGGGTTGAGAAGAAGATCACAGGCAAGAACAGTAGAAATG	487
PBV/Mongoose/KNA/M33/2017	GTAGTTTTCGAGGACTACGACCCCGCAATCAAGCGGATACCCTTTTCGCTC	512
PBV/Mongoose/KNA/M45/2017	GCAGGGTCCGTGGCCTGCACGTGCGTGATCAGAGGAAAACAGTTGAGTTG	454
PBV/Mongoose/KNA/M46/2017	GTCCAATCAGGGGACTGCATCTGCGTAGTCAGCAACGTACAGTCGACTTA	460
PBV/Mongoose/KNA/M58/2017	GCAGGGTCCGTGGCCTGCACGTGCGTGATCAGAGGAAAACAGTTGAGTTG	454
PBV/Mongoose/KNA/M67/2017	GCAGGGTCCGTGGCCTGCACGTGCGTGATCAGAGGAAAACAGTTGAGTTG	454
PBV/Mongoose/KNA/M72/2017	GCAGGTTGCGCGGCCCTGCGACTTCGCAGCCAAGATAGGACAGTAGAGTTG	491
PBV/Human/CHN/1-CHN-97/1997	GGGATGCGCGCGGCATCCAATTAAGAGGCCAACGCAAAACAGTGGAAT	465
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PBV-like/Mongoose/KNA/M17A/2017	ATGCGCCGCAATACTAATTTCGGGCGCTCCTTATTTACTCGTCGGTCACG	558
PBV/Mongoose/KNA/M17B/2017	ATGAAGAAATCCACCAATTTCAGGTAATCCGTTCTTTACAAAACGCAGAAA	537
PBV/Mongoose/KNA/M33/2017	ATGAAGCTGAGCACGAATTCTGGCTCGCCGTACTTTACCAAGAGGCGTAA	562
PBV/Mongoose/KNA/M45/2017	ATGAAGAAATCAACCAATTCCGGCTCTCCGTTCTTACTAGACGTAAGCG	504
PBV/Mongoose/KNA/M46/2017	ATGAAGAAGTCCACTAACTCTGGGTACCATACTTCACCAAGAGGCGTAG	510
PBV/Mongoose/KNA/M58/2017	ATGAAGAAGTCAACCAATTCCGGCTCTCCGTTCTTACTAGACGTAAGCG	504
PBV/Mongoose/KNA/M67/2017	ATGAAGAAGTCAACCAATTCCGGCTCTCCGTTCTTACTAGACGTAAGCG	504
PBV/Mongoose/KNA/M72/2017	ATGAAGAAGAGCACCAACTCCGGGAGCCCGTACTTCTCAAAGCGTCGATT	541
PBV/Human/CHN/1-CHN-97/1997	ATGAAGAAATCTACTAACTCAGGTTTCGCCATTCTTTACTAAACGTAGAGC	515
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PBV-like/Mongoose/KNA/M17A/2017	TGTCG-AGTCGGAA---TCCC---TAGAATTGG-----C-----	585
PBV/Mongoose/KNA/M17B/2017	TGTAGTACTGGATACATTTCCATGTGGTGTGATTATACACCCAATCCTG	587
PBV/Mongoose/KNA/M33/2017	TGCCATAGACATCACTGTGCCATGTAGTGTAGAT-----TCAACAGTG	606
PBV/Mongoose/KNA/M45/2017	TGTAGTAGACGAAACAATTCCCGCCGAAGTAG-----CACGTCGAG	545
PBV/Mongoose/KNA/M46/2017	AGTTGTAGAGAAAACCGTCCCATTGTCG-GTCAAA-----TGGGCAACT	552
PBV/Mongoose/KNA/M58/2017	TGTAGTAGACGAAACAATTCCCGCCGAAGTAG-----CACGTCGAG	545
PBV/Mongoose/KNA/M67/2017	TGTAGTAGACGAAACAATTCCCGCCGAAGTAG-----CACGTCGAG	545
PBV/Mongoose/KNA/M72/2017	AGTCACAGAGCGAACCGTACCGTGCGAAGTCTATC-----CGTATCGCG	585
PBV/Human/CHN/1-CHN-97/1997	AGTTGTTGACAAAACATATACC-CGCGAGGTTAGAT---TATCTAGGAGTG	561
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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	-----TAAG-----ACTA-----GATCGTTA	601
PBV/Mongoose/KNA/M17B/2017	TATATTATTTGCAGGATGCGTAT-CAGATGTTACCCAACAATAACGATTT	636
PBV/Mongoose/KNA/M33/2017	-----ATGAAGTA---ATCCAGCAACTAGGCT-C--TGACTTGTG	640
PBV/Mongoose/KNA/M45/2017	-----GCGAGGTCGTCATGCAAACACTACCAG-C--TGGCATATG	582
PBV/Mongoose/KNA/M46/2017	-----ACAATTTCTCGAT---GGTGGTGAGAA-----AACCTATG	584
PBV/Mongoose/KNA/M58/2017	-----GCGAGGTCGTCATGCAAACACTACCAG-C--TGGCATATG	582
PBV/Mongoose/KNA/M67/2017	-----GCGAGGTCGTCATGCAAACACTACCAG-C--TGGCATATG	582
PBV/Mongoose/KNA/M72/2017	-----ATGAGATC--CAC-CAGTCACTGAAAGAC--TCGCA-GTG	619
PBV/Human/CHN/1-CHN-97/1997	-----CAGACT----AAGCAGTTCCTAAATAATTCGGATTGGTA	596

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PBV-like/Mongoose/KNA/M17A/2017	GCATATC-CAGCAGTTTTtagggtggagaggacaagaagggtgggtatttgata	650
PBV/Mongoose/KNA/M17B/2017	TAAAGCCTGTGCCGTTATTGGTTGGAGAGGACAGGAAGGTGGACCCGAAG	686
PBV/Mongoose/KNA/M33/2017	GAATGCCGTGTGCTGTATTAGGGTGGCGTGGCCAAGAGGGTGGCCCTAACA	690
PBV/Mongoose/KNA/M45/2017	GGATGCGTGTGCTGTTCTAGGTTGGAGAGGTCAGGAAGGCGGTCCCTCCA	632
PBV/Mongoose/KNA/M46/2017	--ATGTTGCAGCTATTCTTGGATGGAGGGGCCAGGAGGGCGGCCCTGCGA	632
PBV/Mongoose/KNA/M58/2017	GGATGCGTGTGCTGTTCTAGGTTGGAGAGGTCAGGAAGGCGGTCCCTCCA	632
PBV/Mongoose/KNA/M67/2017	GGATGCGTGTGCTGTTCTAGGTTGGAGAGGTCAGGAAGGCAGTCCCTCCA	632
PBV/Mongoose/KNA/M72/2017	GAACGCTGCCGCCGTTTtagggtggcgagggcaagaaggcggtcctaaag	669
PBV/Human/CHN/1-CHN-97/1997	TAGTGC---AGCAGTATTAGGATGGAGAGGACAAGAGGGCGGTCCAACAG	643

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PBV-like/Mongoose/KNA/M17A/2017	CTGATAACGTGAAACAACGCGTTGTTTGAATGTTTCCTTTCCAAACGAAC	700
PBV/Mongoose/KNA/M17B/2017	ATGAGGATGTTAAACAGAGAGTGGTTTGGATGTTTCCATTTCGCTGTTAAT	736
PBV/Mongoose/KNA/M33/2017	AGAAGGATGTAAAGCAGAGGGTTGTTTGGATGTTTCCCTTTGCTGTTAAT	740
PBV/Mongoose/KNA/M45/2017	AGGACGATACGAAACAGCGAGTCGTTTGGATGTTTCCGATGGCTGTTAAT	682
PBV/Mongoose/KNA/M46/2017	CCGGAGATGTTAAACAAAGGGTTGTATGGATGTTTCCCTTTGCAATTAAT	682
PBV/Mongoose/KNA/M58/2017	AGGACGATACGAAACAGCGAGTCGTTTGGATGTTTCCGATGGCTGTTAAT	682
PBV/Mongoose/KNA/M67/2017	AGGACGATACGAAACAGCGAGTCGTTTGGATGTTTCCGATGGCTGTTAAT	682
PBV/Mongoose/KNA/M72/2017	CAAGTGATGTTAAACAGCGTGTGGTTTGGATGTTTCCCTACGCCGTTAAT	719
PBV/Human/CHN/1-CHN-97/1997	ATGAAGAGCTTAAACAAAGGGTGGTGTGGATGTTTCCCTTTGGTGTTAAC	693

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PBV-like/Mongoose/KNA/M17A/2017	ATCGCGGAATTACAGTTCTACCAGCCCATGATCCGGGCGATTCAAGCACA	750
PBV/Mongoose/KNA/M17B/2017	ATCGAAGAACTCACAGTCTATCAACCACTGATTGAAACATTTTCAGAGATT	786
PBV/Mongoose/KNA/M33/2017	ATCAGAGAACTTCAGGTATATCAACCCCTTAATTGAAGTTGCACAAAGGGC	790
PBV/Mongoose/KNA/M45/2017	GTACGAGAACTCCAAGTGTATCAGCCCCTCATCGAAGCCGCGCAAAAGTT	732
PBV/Mongoose/KNA/M46/2017	ATTCTCGAGCTCCAAGTCTACCAACCACTCATTGAATCGGCGCAGAGATT	732
PBV/Mongoose/KNA/M58/2017	GTACGAGAACTCCAAGTGTATCAGCCCCTCATCGAAGCCGCGCAAAAGTT	732
PBV/Mongoose/KNA/M67/2017	GTACGAGAACTCCAAGTGTATCAGCCCCTCATCGAAGCCGCGCAAAAGTT	732
PBV/Mongoose/KNA/M72/2017	ATCGCAGAATTGCAGCTGTATCAACCATTTCATTGAGGCCGCACAAAGGCA	769
PBV/Human/CHN/1-CHN-97/1997	GTGAAGGAACCTCAATTCTACCAACCAGCAATCGAAATCGCACAGAAG--	741

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PBV-like/Mongoose/KNA/M17A/2017	TAAAC--TCATCCCTGCCTATTTGGATCATAACA-GCAGTGGATGCTCGGA	797
PBV/Mongoose/KNA/M17B/2017	CAATC--TGGTTCCAGCTTGGGTGAG-TATGGAAGTGTGATATGGAAG	833
PBV/Mongoose/KNA/M33/2017	AAACT--TGGTTCCCTGCATGGGTTAG-CATGGAATCGGTTGATAAGGAAA	837
PBV/Mongoose/KNA/M45/2017	CGATG--TGGTCCCTGCGTGGGTTAG-CATGGATCAGGTTGATTTGGCCG	779
PBV/Mongoose/KNA/M46/2017	CAATT--TGGTTCCATCGTGGGTTC-GATGGAATCCGTGGATCAACGTA	779
PBV/Mongoose/KNA/M58/2017	CGATG--TGGTCCCTGCGTGGGTTAG-CATGGATCAGGTTGATTTGGCCG	779
PBV/Mongoose/KNA/M67/2017	CGATG--TGGTCCCTGCGTGGGTTAG-CATGGATCAGGTTGATTTGGCCG	779
PBV/Mongoose/KNA/M72/2017	CAATG--TCGTCCCAGCTTGGGTGG-CTTCGACGAGGTTGATAAACGCA	816
PBV/Human/CHN/1-CHN-97/1997	CGATGGATAACTCCTGCATGGATTGG-CATGGAGGCAGTAGATCAGCGAA	790

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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	TAACGAATCTATTTGACACCAAACCTACGGGTGATCTTGTAGTTGAAACC	847
PBV/Mongoose/KNA/M17B/2017	TCACTCGCTTATTTGATACTAAGAATAGTGACGACCTCGTTGTGTGCACG	883
PBV/Mongoose/KNA/M33/2017	TTACACGATTATTTGATACTAAGAGTGATAATGACCTGATAGTCTGTACC	887
PBV/Mongoose/KNA/M45/2017	TGACACGCCTGTTTCGATACTAAGGGCGCGAACGACCTCGTAGTATGCACC	829
PBV/Mongoose/KNA/M46/2017	TTACTCGTATGTTTGATACCAAGGCAGACGGTGATTTGGTAGTATGCACC	829
PBV/Mongoose/KNA/M58/2017	TCACGCGCCTGTTTCGATACTAAGGGCGCGAACGACCTCGTAGTATGCACC	829
PBV/Mongoose/KNA/M67/2017	TGACGCGCCTGTTTCGATACTAAGGGCGCGAACGACCTCGTAGTATGCACC	829
PBV/Mongoose/KNA/M72/2017	TTACAGCCATGTTTCGACACAAAGGCTGCTAATGATCTAGTCGTATGTACC	866
PBV/Human/CHN/1-CHN-97/1997	TCACTAAGCTGTTTCGATACTAAGGCTAAGTCAGAGTTGGTAATCTGTACA	840
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PBV-like/Mongoose/KNA/M17A/2017	GATTTTACCAAGTTCGACCAGTCGTTCTGAACACCAT-TACAACATGTAG	896
PBV/Mongoose/KNA/M17B/2017	GACTTCACAAAATTCGACCAG-CATTTCAATGTAGATCTACAGAATGCAG	932
PBV/Mongoose/KNA/M33/2017	GACTTCTCAAAATTCGACCAG-CACTTTGGTCCTGATATGCAGGATGCTG	936
PBV/Mongoose/KNA/M45/2017	GATTTTACCAAGTTCGACCAG-CACTTCAATCATTCACTTCAAGTTGCTG	878
PBV/Mongoose/KNA/M46/2017	GATTTTGAAGTTCGACCAG-CACTTCAACTCCGCTCTGCAACTAGCGG	878
PBV/Mongoose/KNA/M58/2017	GATTTTACCAAGTTCGACCAG-CACTTCAATCATTCACTTCAAGTTGCTG	878
PBV/Mongoose/KNA/M67/2017	GATTTTACCAAGTTCGACCAG-CACTTCAATCATTCACTTCAAGTTGCTG	878
PBV/Mongoose/KNA/M72/2017	GACTTCAGCAAGTTCGACCAG-CATTTTAACGCCAAATTGCAAGATGCTG	915
PBV/Human/CHN/1-CHN-97/1997	GACTTCAGCAAGTTCGACCAG-CATTTTAACAAGGATATGCAGGATGCAG	889
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PBV-like/Mongoose/KNA/M17A/2017	CGCGTGCTGT-----GTACG---CCGACTGAGGTCCACAAC-----TT	931
PBV/Mongoose/KNA/M17B/2017	CGAAAACCAT----ACTGCA--ATGGATCATGTCACGCGAAAGAAATGTA	976
PBV/Mongoose/KNA/M33/2017	CAAGAGCCAT----ATTGCA--GAAAATCCTGTCACC--AC---AAGCTT	975
PBV/Mongoose/KNA/M45/2017	CCCTATCCAT----TCTGGA--AGCAATCTTTACACCCGACCGGGAGTGG	922
PBV/Mongoose/KNA/M46/2017	CAGAACAAAT----CCTACG--CAGGATACTCGCTCCGGATGCGGACAGT	922
PBV/Mongoose/KNA/M58/2017	CCCTATCCAT----TCTGGA--AGCAATCTTTACACCCGACCGGGAGTGG	922
PBV/Mongoose/KNA/M67/2017	CCCTATCCAT----TCTGGA--AGCAATCTTTACACCCGACCGGGAGTGG	922
PBV/Mongoose/KNA/M72/2017	CTCTTCAAGT----GCTTCG--AGCAATAGTAACACCCGGCGTGACGTCC	959
PBV/Human/CHN/1-CHN-97/1997	CTAGGACCATTATCGCTGCATTACTGAATGGATCATCTGA----AAGC--	933
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PBV-like/Mongoose/KNA/M17A/2017	GATAAGTGAATTAGAGAAGTATTCCCGGTAAAATATAATATTTCCCATGG-	980
PBV/Mongoose/KNA/M17B/2017	GATGACTGGTTTGAAAACGTGTTTCGGAATCAAATATATGATTCCCTTA--	1024
PBV/Mongoose/KNA/M33/2017	CA-GACTGGTTGAGAGAAGTATTTCCTTAAAGTATATGATCCCGTTGGC	1024
PBV/Mongoose/KNA/M45/2017	CAGGAATGGTCCCGTGAAATCTATCCCTGAAATATATGATTCCCTTTAGC	972
PBV/Mongoose/KNA/M46/2017	CTAAACTGGTTACGACAAATTTTCCCATTAAGTTCAATATCCCATTAGC	972
PBV/Mongoose/KNA/M58/2017	CAGGAATGGTCCCGTGAAATCTATTCCTGAAATATATGATTCCCTTTAGC	972
PBV/Mongoose/KNA/M67/2017	CAGGAATGGTCCCGTGAAATCTATTCCTGAAATATATGATTCCCTTTAGC	972
PBV/Mongoose/KNA/M72/2017	AAAGAATGGTTCGACAAAGTGTACCCCATCAAGTACATGATACCTTTAGC	1009
PBV/Human/CHN/1-CHN-97/1997	CGTGATTGGTTGGACAACGTTTTTCCAGTGAAGTATGCGATACCTCTAGC	983
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PBV-like/Mongoose/KNA/M17A/2017	-TATTAT-CGAATAATTTGATTTT-----CACCGGACCACACGG	1017
PBV/Mongoose/KNA/M17B/2017	CTGTGGGAAGCACAAGCTGATATTGTATCAGTTTTCCACGGATTTACCG	1074
PBV/Mongoose/KNA/M33/2017	TATCCAGGATGATAAAATACTTTA-----TGGACGTCATGG	1060
PBV/Mongoose/KNA/M45/2017	TTATGACTACGGTAAGCTGAGAAC-----AGGGCCGCACGG	1008
PBV/Mongoose/KNA/M46/2017	TGTTGATATGAACACCGTGTTTAC-----AGGTGCGCACGG	1008
PBV/Mongoose/KNA/M58/2017	TTATGACTACGGTAAGCTGAGAAC-----AGGGCCGCACGG	1008
PBV/Mongoose/KNA/M67/2017	TTATGACTACGGTAAGCTGAGAAC-----AGGGCCGCACGG	1008
PBV/Mongoose/KNA/M72/2017	ATATGATGTGGGTAGGGTTAGATT-----TGGGAAACATGG	1045
PBV/Human/CHN/1-CHN-97/1997	TATGGATATGGGAGTAGTAAAAAC-----TGGTTTTACCG	1019
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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	CATGGCGTCGGGATCAGGGGGTACTAATGCTGATGAGTCGATTGCACACA	1067
PBV/Mongoose/KNA/M17B/2017	AATGGCTTCTGGTTCGGGAGGTACGAACGTAGATGAGACTTTAGCTCATC	1124
PBV/Mongoose/KNA/M33/2017	CATGGGTTCAGGCAGTGGAGGAACAAACGCCGACGAAACGTTAGCTCACC	1110
PBV/Mongoose/KNA/M45/2017	AATGGGCTCAGGTTCTGGTGGAACCAATGCTGATGAGACTTTAGCTCATC	1058
PBV/Mongoose/KNA/M46/2017	TATGGGAAGTGGTTCGGGGGTACCAATGCTGACGAAACGTTAGCACACA	1058
PBV/Mongoose/KNA/M58/2017	AATGGGCTCAGGTTCTGGTGGAACCAATGCTGATGAGACTTTAGCTCATC	1058
PBV/Mongoose/KNA/M67/2017	AATGGGCTCAGGTTCTGGTGGAACCAATGCTGATGAGACTTTAGCTCATC	1058
PBV/Mongoose/KNA/M72/2017	AATGGGCTCTGGTTCGGGAGGAACGAACGTGTGACGAAACTTTAGCCCATC	1095
PBV/Human/CHN/1-CHN-97/1997	TATGGGTAGTGGTTCAGGTGGAACCAACTTCGATGAAACCCTGACACATC	1069
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PBV-like/Mongoose/KNA/M17A/2017	GGGCGTTACAGCATGAAGCTGC--TTTAGCGTCGGGTCAGACTCTCCACC	1115
PBV/Mongoose/KNA/M17B/2017	GAGCCCTTCAACGTGAGGCGGC-CATAAAAAGTAAACAAATAT-TAAACC	1172
PBV/Mongoose/KNA/M33/2017	GTGCCCTCCAATATGAAGCTGCCAG-CAAATGGGTGCCAGAT-TAAACC	1158
PBV/Mongoose/KNA/M45/2017	GAGCTCTGCAATATGAGGCCGC-CATTCGTGCGAAGACTCGTT-TAAACC	1106
PBV/Mongoose/KNA/M46/2017	GAGCTCTTCAATATGAGGCCGC-CATCAAAAACAACCTCCCGAT-TAAACC	1106
PBV/Mongoose/KNA/M58/2017	GAGCTCTGCAATATGAGGCCGC-CATTCGTGCGAAGACTCGTT-TAAACC	1106
PBV/Mongoose/KNA/M67/2017	GAGCTCTGCAATATGAGGCCGC-CATTCGTGCGAAGACTCGTT-TAAACC	1106
PBV/Mongoose/KNA/M72/2017	GTGCACTGCAATATGAGGCAGCTCAAACCTAGCGGGGTAAAGCT-TAA-CC	1143
PBV/Human/CHN/1-CHN-97/1997	GAGCTTTACAGTATGAAGCAGCCCAG-AAAGCTAAATCGGTGC-TCAATC	1117
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PBV-like/Mongoose/KNA/M17A/2017	CATCCTCAATGGCATATGGGGACGATGGTATCTTAACGTTCAAGGGTATC	1165
PBV/Mongoose/KNA/M17B/2017	CTCATTTCAATGTGTCTTGGCGATGATGGGATACTAAGTTATCCCGGAATA	1222
PBV/Mongoose/KNA/M33/2017	CAAGTTCAATGTGTTTAGGCGATGATGGAATCTTGAGCTATCCAGGCATC	1208
PBV/Mongoose/KNA/M45/2017	CGAATTCACAGTGTCTTGGCGATGATGGGATACTAAGTTATCCTGGAATC	1156
PBV/Mongoose/KNA/M46/2017	CTAATTCACAGTGTCTTGGGCGATGATGGTGTATTAACATACCCAGGCATT	1156
PBV/Mongoose/KNA/M58/2017	CGAATTCACAGTGTCTTGGGCGATGACGGGATACTAAGTTATCCTGGAATC	1156
PBV/Mongoose/KNA/M67/2017	CGAATTCACAGTGTCTTGGGCGATGACGGGATACTAAGTTATCCTGGAATC	1156
PBV/Mongoose/KNA/M72/2017	CAAATTCACAGTGTCTTGGGCGATGACGGGGTGTAAACCTACCCTGGGCATC	1193
PBV/Human/CHN/1-CHN-97/1997	CAAATTCGCAGTGTCTAGGTGATGACGGCATTCTTTCCTATCCTGGAATT	1167
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PBV-like/Mongoose/KNA/M17A/2017	ACCGTTGATAAAGTGGTAGCACAAATATACTAAGCATGGAGTGACCATGAA	1215
PBV/Mongoose/KNA/M17B/2017	ACAGTGAATGAAGTAGTGGATGCATACCAGTCTCACGGTCAAGAGTGCAA	1272
PBV/Mongoose/KNA/M33/2017	ACAGTGGACGATGTAGTTAAAGCGTATAGTAGGCACGGGCTTGAAATGAA	1258
PBV/Mongoose/KNA/M45/2017	ACTGTGGAAGATGTAGTGAATCGTATACTGAACATGGTCTCGAGATGAA	1206
PBV/Mongoose/KNA/M46/2017	ACTGCGGAGGATGTAATGCAATCGTACAAAAGACATGGCCTCAAATGAA	1206
PBV/Mongoose/KNA/M58/2017	ACTGTGGAAGATGTAGTGAATCGTATACTGAACATGGTCTCGAGATGAA	1206
PBV/Mongoose/KNA/M67/2017	ACTGTGGAAGATGTAGTGAATCGTATACTGAACATGGTCTCGAGATGAA	1206
PBV/Mongoose/KNA/M72/2017	ACTGTGGAGGATGTAGTCAAAGCGTACACGTACATGGGGTTGAGATGAA	1243
PBV/Human/CHN/1-CHN-97/1997	ACTGTGGAGGATGTAACACGTTCTGATTTCTGCGCATGGTCAGGAAATGAA	1217
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PBV-like/Mongoose/KNA/M17A/2017	CGAGAGT--AAGCAGGGAGCAAGCACTACCGAGTGCGTATTCCTACGCCG	1263
PBV/Mongoose/KNA/M17B/2017	TTTAAGC--AAACAGTATGCATCAACCCAAGATTGCGTATATCTCAGAAG	1320
PBV/Mongoose/KNA/M33/2017	TCAGGAC--AAGCAATACGCTTCAACCCAAGATTGCGTGTACTTGAGAAG	1306
PBV/Mongoose/KNA/M45/2017	T--GAATCGAAGCAGTACGCGAGCACCCATGACTGCACATACTTAAGAAG	1254
PBV/Mongoose/KNA/M46/2017	CGCTAGT--AAACAGTACGAGAGCACACAGGACTGCACATACTTGCGAAG	1254
PBV/Mongoose/KNA/M58/2017	T--GAATCGAAGCAGTACGCGAGCACCCATGACTGCACATACTTAAGAAG	1254
PBV/Mongoose/KNA/M67/2017	T--GAATCGAAGCAGTACGCGAGCACCCATGACTGCACATACTTAAGAAG	1254
PBV/Mongoose/KNA/M72/2017	TCTGGGT--AAACAGTACGCCCTCGACTCAAGATTGCATATATCTTAGGCG	1291
PBV/Human/CHN/1-CHN-97/1997	TATTGAT--AAGCAGTATGCGAGTGCACATGACTGCACATATCTTCGTCG	1265
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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	TTGACACTCTATGTCCTATCGTAAGAACGGGATTATG-GTAGGTGTTTAT	1312
PBV/Mongoose/KNA/M17B/2017	ATGGCATCATAAAGATTATCGGGATAATGGGGT-ATGCGTCGGGGTCTAC	1369
PBV/Mongoose/KNA/M33/2017	GTGGCACCATAAAGATTACCGAATACGAGGAGT-ATGCGCAGGAGTGTAC	1355
PBV/Mongoose/KNA/M45/2017	GTGGTATCACCGCGAGTATAGGATAAAGGGTGT-ATGTGCAGGAGTATAC	1303
PBV/Mongoose/KNA/M46/2017	ATGGCATCATAAAGATTATCGCATGGACGGTAT-GTGTGTAGGCGTATAC	1303
PBV/Mongoose/KNA/M58/2017	GTGGTATCACCGCGAGTATAGGATAAAGGGTGT-ATGTGCAGGAGTATAC	1303
PBV/Mongoose/KNA/M67/2017	GTGGTACCACCGCGAGTATAGGATAAAGGGTGT-ATGTGCAGGAGTATAC	1303
PBV/Mongoose/KNA/M72/2017	GTGGCACCACAAAGACTACCGCGTGGACGGGGT-ATGTGCAGGGGTATAC	1340
PBV/Human/CHN/1-CHN-97/1997	GTGGCACCACGACGACTACAGAGTAGACGGTGT-ATGTGTAGGTGTTTAT	1314
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PBV-like/Mongoose/KNA/M17A/2017	TCGACGTTCCGGGCTTTAGGACGTTTGATGGGTCAAGAACGGTACTATGA	1362
PBV/Mongoose/KNA/M17B/2017	TCGACCTGTGAGCGCTGGGTAGATTGAGATACCTCGAAAGAT-TTATGG	1418
PBV/Mongoose/KNA/M33/2017	GCTACTACCCGGGCTTTGGGTAGGTTAAGGTACCTCGAGCGAT-TTATGG	1404
PBV/Mongoose/KNA/M45/2017	TCAACTAACCGGGCCTTAGGTAGATTGAGATACTTAGAGCGCTACTATGA	1353
PBV/Mongoose/KNA/M46/2017	TCCACCTGCCGGGCTTTAGGTAGGTTATGCGAGCAAGAGAGATATTACGA	1353
PBV/Mongoose/KNA/M58/2017	TCAACTAACCGGGCCTTAGGTAGATTGAGATACTTAGAACGCTACTATGA	1353
PBV/Mongoose/KNA/M67/2017	TCAACTAACCGGGCCTTAGGTAGATTGAGATACTTAGAACGCTACTATGA	1353
PBV/Mongoose/KNA/M72/2017	AGCACCTGTGCGGCTTTAGGCAGGTTGCGGTATCTCGAACGCTATCAGAA	1390
PBV/Human/CHN/1-CHN-97/1997	GCAACCTACAGAGCGTTAGGTAGGCTGTGTGAACAGGAACGCTATTATGA	1364
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PBV-like/Mongoose/KNA/M17A/2017	-CCCTAAACAATGAGGACCAGAGATGGTTATAATGAGGGCGTTGTCGATA	1411
PBV/Mongoose/KNA/M17B/2017	ATCCAGAGTATTGGAGCCCGCAGATGGTAGCTTTACGCCAATTATCAATA	1468
PBV/Mongoose/KNA/M33/2017	ACCCTGACAAC TGGGGACCAAAGATGGTTGCTCTACGACAAC TATCAATC	1454
PBV/Mongoose/KNA/M45/2017	-CCCAGAGGTGTGGGGTCCAAAGATGGTTGCCCTCAGACAAC TATCTATA	1402
PBV/Mongoose/KNA/M46/2017	-TCCGGAATATGGTCAAAAGAGATGGTTGCGCTGCGTCAAC TATCTATA	1402
PBV/Mongoose/KNA/M58/2017	-CCCAGAGGTGTGGGGTCCAAAGATGGTTGCCCTCAGACAAC TATCTATA	1402
PBV/Mongoose/KNA/M67/2017	-CCCAGAGGTGTGGGGTCCAAAGATGGTTGCCCTCAGACAAC TATCTATA	1402
PBV/Mongoose/KNA/M72/2017	TCCCAAATAT-TGGGATGCAAAGGCTGTAGCTCTACGTCAGCTAAGCATA	1439
PBV/Human/CHN/1-CHN-97/1997	-TCCAGAAGTATGGGGGCTAAGATGGTAGCTCTACGGCAGCTTTCAATT	1413
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PBV-like/Mongoose/KNA/M17A/2017	CTAGAAAATTGCAACCAACATCCTCTCTTCGAAGAGTTTATTGAATTTGT	1461
PBV/Mongoose/KNA/M17B/2017	ATTGAGAATTGTAAGTACCATCCTCTGCGTGACGAGTTTGCGGAGTTTTG	1518
PBV/Mongoose/KNA/M33/2017	ATTGAGAATGTGAAGTACCATCCAATGAGGGCTGAATTTCGTAGAATTTTG	1504
PBV/Mongoose/KNA/M45/2017	TTAGAGAATGTGAAGAACCATCCTCTACGTGATCAATTTGCTCAGTTTTG	1452
PBV/Mongoose/KNA/M46/2017	ATGGAGAATGTGAAGTATCACCCATTACGTGCCGAATTCGCAGACTTTTG	1452
PBV/Mongoose/KNA/M58/2017	TTAGAGAATGTGAAGAACCATCCTCTACGTGATCAATTTGCTCAGTTTTG	1452
PBV/Mongoose/KNA/M67/2017	TTAGAGAATGTGAAGAACCATCCTCTACGTGATCAATTTGCTCAGTTTTG	1452
PBV/Mongoose/KNA/M72/2017	CTTGAGAATGTGAAGTACCATCCTCTCAAGGAACAGTTTGTGGAATTTTG	1489
PBV/Human/CHN/1-CHN-97/1997	ATTGAGAACTGTAAGTACCATCCTCTCCGTGAGGAGTTTCGTTAACTTCTG	1463
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PBV-like/Mongoose/KNA/M17A/2017	CATCAAAGGGGATAAGTACGGATTGGGTACTAAACTCCCAGGCTTTTTTG	1511
PBV/Mongoose/KNA/M17B/2017	CATGAAGAGGGATAAATATCGATTGGGTATTGATATCCCAGGATTCTTAG	1568
PBV/Mongoose/KNA/M33/2017	CATGAAAAGGGATAAATATAGACTCGGACTAGATATCCCAGGCTTTCTTG	1554
PBV/Mongoose/KNA/M45/2017	CATGAAAAGGGATAAATATCGCCTTGGTATTGATATCCCAGGTTTCCTAG	1502
PBV/Mongoose/KNA/M46/2017	CATGAAAAGGGATATGTATAGGCTAGGGTTAGATATCCCAGGATTCTTAG	1502
PBV/Mongoose/KNA/M58/2017	CATGAAAAGGGATAAATATCGCCTTGGTATTGATATCCCAGGTTTCCTAG	1502
PBV/Mongoose/KNA/M67/2017	CATGAAAAGGGATAAATATCGCCTTGGTATCGATATCCCAGGTTTCCTAG	1502
PBV/Mongoose/KNA/M72/2017	CATGGTAAGGGATAGATATCGATTAGGACTCGATATTCCCAATTTTCTAG	1539
PBV/Human/CHN/1-CHN-97/1997	CATGAAAAGGGGATAAATACAGACTCGGACTGGACATTCCAGGTTTCCTTG	1513
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Supplementary material S4 (contd.)

PBV-like/Mongoose/KNA/M17A/2017	ATAAT-TTACAGGCAATG----TACGCCAAAGCCAGAGATGTGATGCCCG	1556
PBV/Mongoose/KNA/M17B/2017	ATAAAATCGCGACTTATG---CTAAA--GAATCTATCGATCACATGCCAG	1613
PBV/Mongoose/KNA/M33/2017	ACGGAATAGAATCTGAAG---CTAAG--AAAGCTATCGATCTAATGCCAG	1599
PBV/Mongoose/KNA/M45/2017	ACGATATTGAGGGTGAGG---CTAGG--AAAGCTATCAACTACATGCCCG	1547
PBV/Mongoose/KNA/M46/2017	ATAATATTGACCGTATCG---CTAAG--GAATCTATCGAAGTCATGCCCG	1547
PBV/Mongoose/KNA/M58/2017	ACGACATTGAGGGTGAGG---CTAGG--AAAGCTATCAACTACATGCCCG	1547
PBV/Mongoose/KNA/M67/2017	ACGACATTGAGGGTGAGG---CTAGG--AAAGCTATCAACTACATGCCCG	1547
PBV/Mongoose/KNA/M72/2017	ACAAT-TTGAGAGAGATTGCTCTAGA--GAAG--ATCGAAGACATGCCAG	1584
PBV/Human/CHN/1-CHN-97/1997	ATAATATCGAAAAATTAG---CAATG--GAAGCTACGGATCTCATGCCAG	1558
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PBV-like/Mongoose/KNA/M17A/2017	ATTATGGTGGCTTCGTTAATGATAAT-----ATGAAGCGC--AA	1593
PBV/Mongoose/KNA/M17B/2017	ATTTCTTAGGTTATACCAA-GACTTTACAGGG----GTTCAGCCC--AC	1656
PBV/Mongoose/KNA/M33/2017	ACTTCCTTGGTTATACCAA-GACGCTGCAGAGCGTTGATGATGTC---GG	1645
PBV/Mongoose/KNA/M45/2017	ACTTCTTGGGCTATACCAA-AACGCTGCAGGCAGATGCGGGAGGT---AT	1593
PBV/Mongoose/KNA/M46/2017	ACTTTCTTGGTTATACCAA-GACCATGATGAAG---AATCAAGAC---GT	1590
PBV/Mongoose/KNA/M58/2017	ACTTCTTGGGCTATACCAA-AACACTGCAGGCAGATGCAGGAGGT---AT	1593
PBV/Mongoose/KNA/M67/2017	ACTTCTTGGGCTATACCAA-AACACTGCAGGCAGATGCAGGAGGT---AT	1593
PBV/Mongoose/KNA/M72/2017	ACTTCTTAGGTTACACCAG-GCAACTCCAATC---TAAAGGAGACCCAGC	1630
PBV/Human/CHN/1-CHN-97/1997	ACTTTCTAGGATATACCAA-GTCACT--AGG----TACAAGTGGCG--AT	1599
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PBV-like/Mongoose/KNA/M17A/2017	AGGAATCCTTTTCA---TGGAAGGTAGTCCAATACCTAATTAATC--GGTA	1638
PBV/Mongoose/KNA/M17B/2017	TGGTATATCCGAA---TGGTGGATAGTAAAATATCTGA--AATCGCATCG	1701
PBV/Mongoose/KNA/M33/2017	CGGTATA-TCCAAT--TGGTGGATAGTTAAATATTTGA--AGTCAAAGTA	1690
PBV/Mongoose/KNA/M45/2017	TGGTATA-TCGAAA--TGGTGGATAGTCAACTATCTGA--AGTCCAGGTA	1638
PBV/Mongoose/KNA/M46/2017	AGGCTTG-TC--ATCTTGGTGGATTGTTAATTATCTAA--AGTCTAAGTA	1635
PBV/Mongoose/KNA/M58/2017	TGGTATA-TCGAAA--TGGTGGATAGTCAACTATCTGA--AGTCCAGGTA	1638
PBV/Mongoose/KNA/M67/2017	TGGTATA-TCGAAA--TGGTGGATAGTCAACTATCTGA--AGTCCAGGTA	1638
PBV/Mongoose/KNA/M72/2017	TGGTGGAATCGAAAATTGGTGGGTAGTTAAATACCTGA--AGTCAAAGTA	1678
PBV/Human/CHN/1-CHN-97/1997	AGGGGTA-TCGGACAATGGTGGGTAGTTAACTACCTAA--AGTCTTTACG	1646
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PBV-like/Mongoose/KNA/M17A/2017	AG-----CGAGATGGTGCAGTAAACCATT-----	1662
PBV/Mongoose/KNA/M17B/2017	ATAAAATCGAGATG-----	1715
PBV/Mongoose/KNA/M33/2017	AGGA--TTGAGAT-----	1701
PBV/Mongoose/KNA/M45/2017	ACGG--TTGAGATGG-----	1651
PBV/Mongoose/KNA/M46/2017	AAT---TCGAGATGGTGC-----	1650
PBV/Mongoose/KNA/M58/2017	ACGG--TTGAGATGGTGCAGTAAACCATTAGATCATGAGCATGATCTAAC	1686
PBV/Mongoose/KNA/M67/2017	ACAG--TTGAGATGGTGC-----	1654
PBV/Mongoose/KNA/M72/2017	ACT---TCGAGATGGT-----	1691
PBV/Human/CHN/1-CHN-97/1997	CTAAA-TCCGGATGGTGCAGCAAACCATTAACTCCCTCACGGAGTTAACTG	1695

PBV-like/Mongoose/KNA/M17A/2017	---	
PBV/Mongoose/KNA/M17B/2017	---	
PBV/Mongoose/KNA/M33/2017	---	
PBV/Mongoose/KNA/M45/2017	---	
PBV/Mongoose/KNA/M46/2017	---	
PBV/Mongoose/KNA/M58/2017	TGC	1689
PBV/Mongoose/KNA/M67/2017	---	
PBV/Mongoose/KNA/M72/2017	---	
PBV/Human/CHN/1-CHN-97/1997	C--	1696