

	1										100
APV3_Nanjing	TAGTCACCCA	GTCACCAGAG	GTTGAATATA	AATGGTGATT	AGCGTTCCCG	TAGCCGTTGA	GGGTGAAGCA	ACGGAGCCTC	AATTCTATCT	CTAAATGGGC	
APV3_TT25	TAGCCACCAG	ATTGCAAGAA	GTTGTGCATG	AAGGGTAGTT	.....	.....	.....	.....	.....	.....
APV3_TT23_variant1	TAGCCACCAG	ATTGCCTGGA	GTTG.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	TAGCCACCAG	ATTGCCTGGA	GTTGT.....	.....	.....	.....	.....	.....	.....	.....
	101										200
APV3_Nanjing	TTTAAAGAAG	CTTAAAGTGT	CAATGGTGCA	CCTCGGCAAG	AGGTTTCCAG	ACAAGCTTTT	AGTGACAGAA	GACAGGTACT	TGTCATCGTC	CAGATGATGA	
APV3_TT25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	201										300
APV3_Nanjing	GGATGGTTTA	AATCGAGTCT	TGGTGATCTG	ACTATAAAAG	AGCCAATTGG	CCTAGAACCG	TGGAGAGGCC	TAAAAGAGTC	CACGTGTCAT	CTTAGAGCCA	
APV3_TT25	.....	.....	.....	.....	.....TTGG	CCTAGAACCG	TGGAGAGGCC	TAAAAGAGTC	CACGTGCCGT	CTTAGAGTCA	
APV3_TT23_variant1	.....	.....	....TGCATG	AAGGGTAGTT	TGTGTTTTGG	CCTAGAACCG	TGGAGAGGCC	TAAAAGAGTC	CACGTGCCGT	CTTAGAGTCA	
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	301										400
APV3_Nanjing	TTAGGTGTGT	TTTAGTAAAT	ATTAGTAGTT	TGCACTTCCC	TGAGTTCCAG	GTCTAGAACC	CAGGAAAGAC	CCAAAAGAGT	CCTGGTGGGC	GTTTAGCCAT	
APV3_TT25	TAGTATGTGT	CCTAGTAAAT	ATTTGTAGTT	TCCACTTCCCT	TAGGTTCCAG	GTCTAGAACC	CAGGAGAGAC	CCAAAAGAGT	CCTGGTTGGC	GCTTAGCCAC	
APV3_TT23_variant1	TAGTATGTGT	CCTAGTAGAT	ATTTGTAGTT	TCCACTTCCCT	TAGGTTCCAG	GTCTA.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	401										500
APV3_Nanjing	T.....	.....	.....	TTAAAAA	CCTCTGCACC	TCGTAGGCCA	CACCAACGTC	AATCATCGTG	TGCCTTATGT	GGGCAAGTTA	
APV3_TT25	AAAGAAGAGA	AAAAGAAAAA	AATTA AAAAG	AAAAGAAAAA	CCTCTGCATC	GTATAGGCCA	CACCAACGCT	AATTATAGTG	TGCCCTATGC	GGGCAAGTTA	
APV3_TT23_variant1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	501										600
APV3_Nanjing	ACCGTGTGTG	GGCGGCAACC	GGAAACGTTA	GATGCAAGCG	TAGATTCATG	AGCTACGTCC	TGTGGTTGGA	TTTCCACCGT	TATCTCGTCG	TTAAGAGAGT	
APV3_TT25	ACCAGGTTGT	GGCGGCAACC	TGGAATGTCA	GATGCAAGCG	TAGATTTATG	AGCTACGCC	TGTGGTTGGA	TTTCCACCGT	TATCTCATCG	TCAAGAGAGC	
APV3_TT23_variant1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	601										700
APV3_Nanjing	AACCCCTCTT	CTCTCGCTTA	TGGGGGCATC	GTTAAGCGGG	CGTGTGACCT	ATTGAAAGGT	GGGTTC CCTA	CGTTAAGGGT	AGTTGTGGTT	TAGAATAAAC	
APV3_TT25	AACCCCTCTT	TTCTCGCTTA	TGGGGGTATT	GTTAGGCGAG	CGTGTGATCC	ATTGAAAGAT	GGGTTC CCTG	CGTTAAGGGT	AGTTGTGGTT	TAGAACA AAC	
APV3_TT23_variant1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	701										800
APV3_Nanjing	CTCCATGGTT	CCGACCTGCC	ATGTTTCAAG	CGATCGGCAG	TTCTGGGTAA	GAAACAACCC	TGTGCTTGGT	GGTTAAGCAT	GACCACTCAG	TTTGACCAAC	
APV3_TT25	CTCCATGGTT	CCGACCTACC	ATGATTA AAG	TGATCGGTAG	TTCTGGGTAA	GAAACAACCC	TGTGCTTGGT	GGCTAAGCAT	GACCACTCAG	TTTGACCGAC	
APV3_TT23_variant1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
APV3_TT23_variant2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	801										900
APV3_Nanjing	TGGACAGACA	GGTTACGTTT	CCCATTTCCG	TATCAAAAAGT	GGGCGCATAT	CAAAGCGTTA	AATTGCTCAC	CTGCCAGTTT	TAAACCTTCT	TTCTG..TG	
APV3_TT25	TGGCCAGACA	GGTTACGTTT	CCCACTTCGA	TATCAAAAAGT	GGGCGCATAT	CAAAGCGTTA	AATTGTTTAC	TCGCGTGTCT	CAAACCTTCCA	TTCTTGGGTG	

APV3_TT23_variant1
APV3_TT23_variant2 TTCTGGGTG

901

1000

APV3_Nanjing GTTTGGAACA GGCTTCAGTC CTGGTGATCT GACTTTAAAA GAGCCAAATA AACCGCATT CAACGCGTTA TAGTGTTTCGC TGACAGACCG TACAAATAGT
APV3_TT25 GTTTGAAATG GGCCTTGGTC CTGGTGATCT GACCTTAAAA GAGCCAAATA AACCGCATT CAACGCGTTA TAGTGTTTCGC TGACAGACCG TACGAATAGT
APV3_TT23_variant1GGTGATCT GACCTTAAAA GAGCCAAATA AACCGCATT CAACGCGTTA TAGTGTTTCGC TGACAGACCG TACGAGTAGT
APV3_TT23_variant2 GTTTGAAATA GGCCTTGGTC CTGGTGATCT GACCTTAAAA GAGCCAAATA AACCGCATT CAACGCGTTA TAGTGTTTCGC TGACAGACCG TACGAGTAGT

1001

1080

APV3_Nanjing CTGTTTCACC GACCTAAGAC CTAAGTAATT GAATAAGGGA AGGTGATTAA ACAAATTTGC TTTTATCGC TTATTTTCCC
APV3_TT25 CTGTTTCACC AACCTAAGAC TTAATAAATT GAATAAGGGG AGGTGATTAA ACAAGTTTGC TTTTATCGC TAATTTTGC.
APV3_TT23_variant1 CTGTTTCACC AACCTAAGAC CTAATAAATT GAATAAGGGG AGGTGATTAA ACAAATTTGC TTTTATCGC TAATTTTCC.
APV3_TT23_variant2 CTGTTTCACC AACCTAAGAC CTAATAAATT GAATAAGGGG AGGTGATTAA ACAAATTTGC TTTTATCGC TAATTTTGT.