

## **Supplementary Information**

**Title: Complete Genomic and Ultrastructural analysis of a Nam Dinh  
Virus Isolated from *Culex pipiens quinquefasciatus* in China**

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**Supplementary Table S1**

**Supplementary Figure S1**

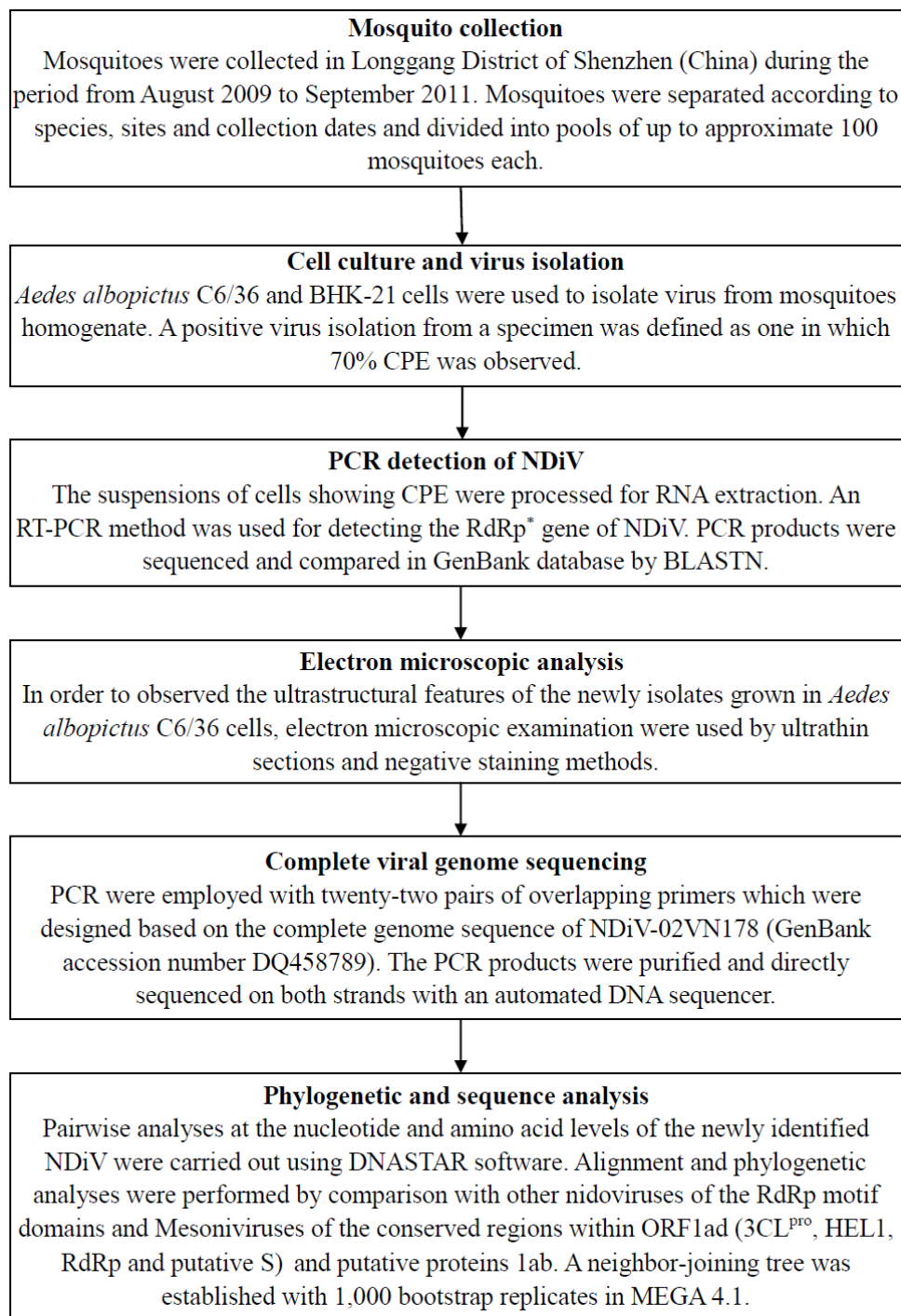
**Table S1****Table S1. The primer sets for amplifying the complete genome of NDIV**

<b>Primer</b>	<b>Sequence,5'-3'</b>	<b>Position</b>
NDiV-SZ-1-F	ACTAAAGAACTTTTGTTCCTCCATAAT	1–30
NDiV-SZ-1-R	CATAGTGGCGTCATCTAGCTCG	1107–1128
NDiV-SZ-2-F	GCGAACTTACCACTATTGAATCTAACCT	944–971
NDiV-SZ-2-R	CATGTCTTACGACAGGAGGGG	2007–2027
NDiV-SZ-3-F	CCTGCTTGCATTCTATTCACCG	1888–1909
NDiV-SZ-3-R	TGGTCTTCCAGGAGCTGC	2931–2948
NDiV-SZ-4-F	AGTCTTTGTTTTGGGCACGC	2817–2836
NDiV-SZ-4-R	TGTGGCCAATTGCAAGATG	4068–4086
NDiV-SZ-5-F	GGACCACTGTTGCTAACACCT	3886–3906
NDiV-SZ-5-R	CAGCGCAATGCAAGCCTA	5024–5041
NDiV-SZ-6-F	TTGTCACGTTACGACACGGAA	4888–4908
NDiV-SZ-6-R	GTAAAGGCGGCGTAGGGT	5883–5901
NDiV-SZ-7-F	GCCATCCGCTACAATCCCTA	5746–5765
NDiV-SZ-7-R	TACCTGTCCATAGTATTGTCGTGAGT	6864–6889
NDiV-SZ-8-F	TTCTCGGCTCTGACCTGGA	6752–6770
NDiV-SZ-8-R	TGTTCTGCTTAGAGTACGAGCC	7859–7881
NDiV-SZ-9-F	AACTTACGCAGACAACACCGTTA	7716–7738
NDiV-SZ-9-R	TGCGGACAATCCATAGTATCG	8762–8782
NDiV-SZ-10-F	AATCGGCAGTTGAGGCTACTCG	8617–8638
NDiV-SZ-10-R	GGTATGGAGTACCGGCTGAT	9701–9720
NDiV-SZ-11-F	ATCAGAACACCGCTGGCTC	9550–9568
NDiV-SZ-11-R	CATAGCGTTGGATAGCGTCGAT	10656–10677
NDiV-SZ-12-F	ACAATTCGCCGACGCGTA	10506–10523
NDiV-SZ-12-R	TGTCACACGCTTTGTGTCTGTTAC	11496–11519
NDiV-SZ-13-F	TATACACCACTGGCCGTGACC	11386–11406
NDiV-SZ-13-R	GTGCAAGGCCGGTTAGTAGG	12551–12570

NDiV-SZ-14-F	CAAAGACCGCATTGCGTGA	12443–12462
NDiV-SZ-14-R	ATAGCGCACTGGAATGCCTG	13546–13565
NDiV-SZ-15-F	CAATGAACATAGTTATGGACGACTGTA	13420–13446
NDiV-SZ-15-R	AAGCCAGTGGTCCCGAGTTT	14589–14608
NDiV-SZ-16-F	AATCCACAGAATAACATGAACACC	14454–14477
NDiV-SZ-16-R	TGTGATGTCCAGCCTTGTACG	15512–15532
NDiV-SZ-17-F	GGAGCGACTGAAGACGTACTACAA	15378–15401
NDiV-SZ-17-R	AGGCGTCAACAAGTGGTTGG	16499–16518
NDiV-SZ-18-F	CTGCCTAATGCTAACTGCTCTACC	16305–16328
NDiV-SZ-18-R	CTAAGCTGTGATTGTAAGTCGTGGA	17095–17119
NDiV-SZ-19-F	CACTTGTATCTAGCGCCGCTAA	16975–16996
NDiV-SZ-19-R	TTGCGTCATTGACACGTAGG	18026–18045
NDiV-SZ-20-F	TGCAACTCTACAGTCCAGATCC	17928–17949
NDiV-SZ-20-R	GGAGGAGCGTATAACTGCCGT	18838–18858
NDiV-SZ-21-F	TGGCGGCTAGCGTCACACTT	18688–18707
NDiV-SZ-21-R	AAGAATGGCCGGTACAATGTG	19642–19662
NDiV-SZ-22-F	GCCTGGAACAAGCCGATCA	19521–19539
NDiV-SZ-22-R	TTTACCTGTAATGCCAAGCGCC	20106–20127

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**Figure S1**



**Figure S1. The flowchart for isolation and identification of Nam Dinh virus.** \* BHK-21, baby hamster kidney; CPE, Cytopathic effects; RT-PCR, reverse transcription-polymerase chain reaction; RdRp, RNA-dependent RNA-polymerase; NDiV, Nam Dinh virus; PCR, polymerase chain reaction; 3CL<sup>pro</sup>, 3C-like chymotrypsin-like protease; HEL1, Superfamily 1 Helicase; S, spike glycoprotein.