

Electronic Supplementary Material

Non-Structural Protein 5 of Zika Virus Interacts with p53 in Human Neural Progenitor Cells and Induces p53-Mediated Apoptosis

Ping Li^{1#} • Hualian Jiang^{1#} • Hong Peng¹ • Weijie Zeng¹ • Yongheng Zhong¹ • Miao He¹ • Luyang Xie¹ • Junhai Chen¹ • Deyin Guo¹ • Junyu Wu^{1✉} • Chun-Mei Li^{1✉}

¹ MOE Key Laboratory of Tropical Disease Control, Centre for Infection and Immunity Study (CIIS), School of Medicine, Sun Yat-sen University, Shenzhen 518197, China.

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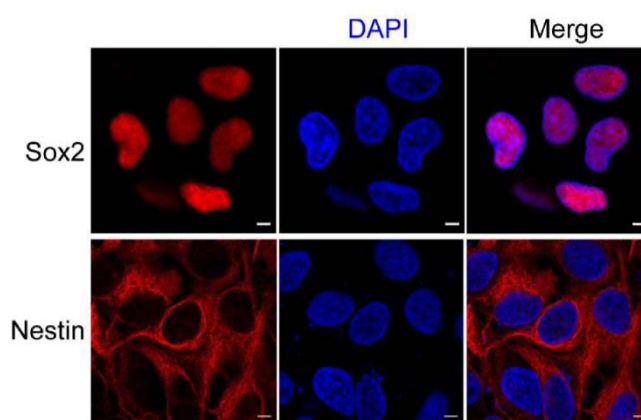
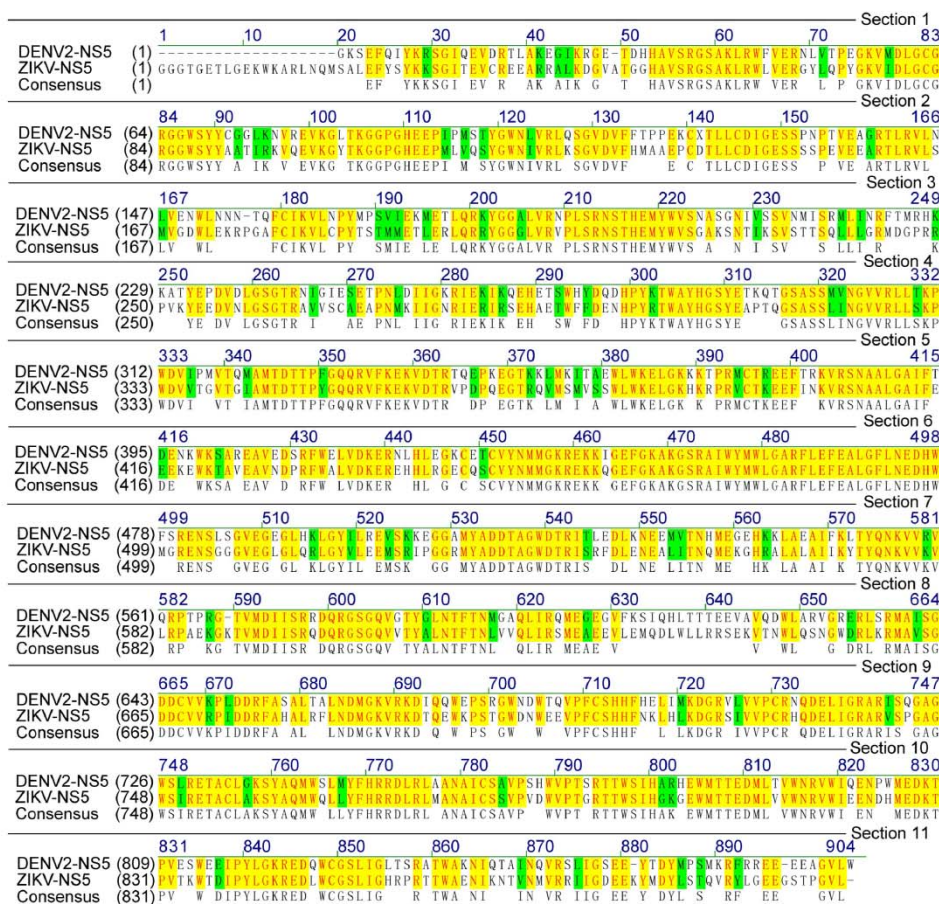


Fig. S1 Characterization of ReNcell CX cells (hNPCs). Cells seeded in chamber slides were stained with anti-Sox2 or anti-Nestin antibodies. Sox2 and Nestin (red) and DAPI (blue). Scale bar, 5 μ m.

A



B

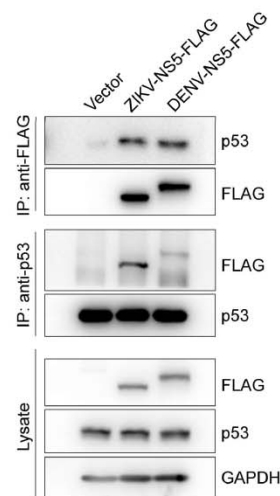


Fig. S2 The p53 interacted with ZIKV- and DENV-NS5. **A** Similarity analysis of ZIKV- and DENV-NS5. The alignment analysis based on amino acid sequence of DENV2-NS5 (GenBank: AYJ72762.1) and ZIKV-NS5 (GenBank: AMO03410.2) was performed by Align X software. **B** HEK293T cells were transfected to express ZIKV-NS5-flag, DENV-NS5-flag or vector, and the immunoprecipitations with anti-p53 or anti-flag were performed. The protein interaction was detected by Western-blot.