**Virologica Sinica**

**Supplementary Data**

**Pathogenic analysis of coxsackievirus A10 in rhesus macaques**

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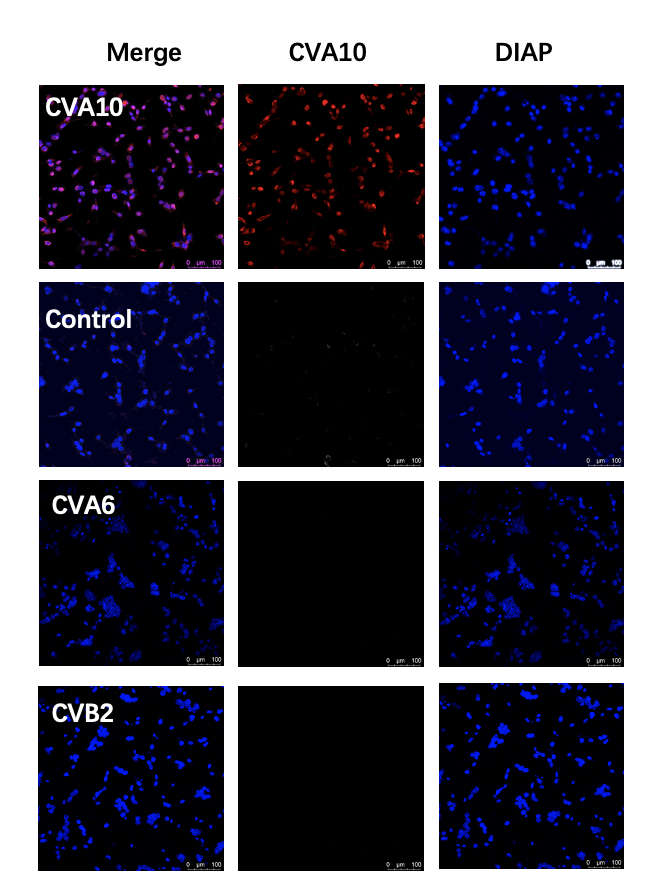
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**Supplementary Materials**



Supplementary Fig. S1. The specificity verification of CVA10 polyclonal antibody. Vero cells were infected by CV-A10, CV-A6, CV-B2 virus at MOI of 0.5. At 24h post infection, these cells were fixed in 4% paraformaldehyde for 60 min and then blocked using 4% bovine serum albumin. Then, the cells were sequentially incubated with purified CVA10 polyclonal antibody and secondary antibody Alexa Fluor® 647 Goat pAb to Rb IgG (Lot: GR33281 42-4, Abcam). All cell nuclei were detected with DAPI. Fluorescence was visualized at 647 nm and analyzed using a confocal microscope (TCS SP2, Leica).

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Supplementary Fig. S2.CPEs in Vero cells after viral isolation from rhesus monkey tissues at 10 d.p.i. **A** C1 rhesus control heart tissue; **B** rhesus B2 heart tissue. The black scale bar indicates 50 μm.

Supplementary Table S1. The genome sequencing results of viruses isolated from tissues.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Start** | **End** | **Match** | **Identity (%)** |
| Reference sequence | 2157 | 2895 | 759 | 100% |
| lung | 2157 | 2895 | 756 | 99.99% |
| heart | 2157 | 2895 | 755 | 99.99% |
| liver | 2157 | 2895 | 758 | 99.99% |

Note: Reference sequence: GenBank ID MK867823. The start and the end show the position in the sequence of the genome.