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**Supplementary Data**

**Construction of coxsackievirus B5 viruses with luciferase reporters and their applications *in vitro* and *in vivo***

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Table S1. Primers used in this study.

|  |  |  |  |
| --- | --- | --- | --- |
| **Clone** | **Fragment** | **Forward/Reverse** | **Sequence** |
| pRBCU-CVB5 | F1 | F | TAATACGACTCACTATAGGTTTAAAACAGCCTGTGGGTTG |
| R | GCGTGCAATGGCCCTCTC |
| F2 | F | CGGTGGAGAGGGCCA |
| R | TTGATCTCTCTATACACGGG |
| F3 | F | TTCCAAGGCCCACCCGTGTATAG |
| R | TTTTTTTTTTTGATTGCACCGAATGCGG |
| NanoLuc-CVB5 | F1 | F | CTCCTTCGGTCCTCCGAT |
| R | TCCTTGAAACAAAGCGACGTTGATGCGAGCTGA |
| F2 | F | GCTTTGTTTCAAGGAGCTCAGGTATCAACACAA |
| R | CGTTTGGCTAATCCATGGAA |
| pSGR-Rluc-CVB5 | F1 | F | CTCCTTCGGTCCTCCGAT |
| R | TTTGCTGTATTAAGTATCAAAATGAGG |
| F2 | F | ACTTAATACAGCAAAATGGCTTCCAAGGTGTAC |
| R | GCTAATCCATGGAATTCCTTGAAACAAAGCGGCACCGGGCTTGCGGGT |
| pSGR-Rluc-CVB5/GND | F1 | F | TCCAGATCCAGACCATTTTG |
| R | AGCAATGACGTCGTTGCCATATGCAATCATCCT |
| F2 | F | AACGACGTCATTGCTTCATATCC |
| R | GCGGCCGCGAATAAGCT |

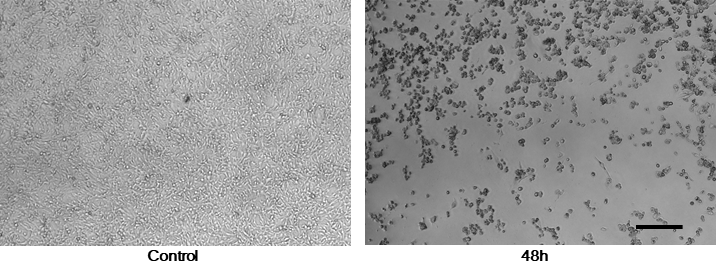


Figure S1. Recombinant CVB5 RNA transfection caused CPE in RD cells. RD cells were transfected with *in vitro* transcribed RNA with recombinant full-length CVB5 genome and images were taken 48 h.p.i. Bar, 100μm.