**Table S2. Statistics of rabbit survival in the neutralization experiment**

|  |  |  |  |
| --- | --- | --- | --- |
| Experimental group | Group I@ | Group II# | Group III$ |
| Number of rabbits | 5 | 5 | 5 |
| [Immune serum](app:ds:%5b%E5%85%8D%E7%96%AB%5d%20immune%20serum" \t "_self) | SPF (control) | NJ85-KLH | NJ85Δ-KLH |
| Number of surviving rabbits at specified time periods | | | |
| 0-24hr | 5 | 5 | 5 |
| 24-48hr | 4 | 5 | 5 |
| 48-72hr | 1 | 5 | 5 |
| 72-96hr | 0 | 5 | 5 |
| <10 days | 0 | 5 | 5 |

@ Group I is the negative control with the serum (1:32 diluted) of specific pathogen free (SPF) rabbit mixed with 256 hemagglutination units of RHDV and used to infect 5 rabbits.

# Group II is the neutralization assay group with the serum (1:32 diluted) raised by NJ85-KLH mixed with 256 hemagglutination units of RHDV and used to infect 5 rabbits.

$ Group III is the neutralization assay group with the serum (1:32 diluted) raised by NJ85Δ-KLH mixed with 256 hemagglutination units of RHDV and used to infect 5 rabbits.