Source data for figures in “**Cross-genotype protection of live-attenuated vaccine candidate for severe fever with thrombocytopenia syndrome virus in a ferret model.”** by Yu *et al*, 2019.

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| **Tab** | **Figure** | **Description of data presented** |
| 1 | **1A** | Percentage weight loss of animals infected with viruses 0 -12 dpi (immunisation)  *Percentage* |
| 2 | **1B** | Temperature change of animals infected with viruses 0 -12 dpi (immunisation)  *Temp change oC* |
| 3 | **1C** | Serum copy number of virus for animals infected with viruses 0 -12 dpi (immunisation)  *log10 RNA copies/ml* |
| 4 | **1D** | Animal survival curve for Kaplan-Meier plot (immunisation)  *1 = death of animal* |
| 5 | **2A** | Tissue titers for rHB29 (immunisation)  *log10 RNA copies/g* |
| 6 | **2B** | Tissue titers for rHB29NSsP102A (immunisation)  *log10 RNA copies/g* |
| 7 | **2C** | Tissue titers for rHB2912aaNSs (immunisation)  *log10 RNA copies/g* |
| 8 | **2D** | Tissue titers for CB8/2016 (immunisation)  *log10 RNA copies/g* |
| 9 | **3A** | Platelet counts for animals infected with rHB29 (immunisation)  *103/μL* |
| 10 | **3B** | Platelet counts for animals infected with rHB29NSsP102A (immunisation)  *103/μL* |
| 11 | **3C** | Platelet counts for animals infected with rHB2912aaNSs (immunisation)  *103/μL* |
| 12 | **3D** | Platelet counts for animals infected with CB8/2016 (immunisation)  *103/μL* |
| 13 | **4A** | Serum N Protein ELISA assay for rHB29 infected animals at 0, 8,14 and 58 dpi (immunisation); Original Serum was diluted 1:10 and then further 1:2 diluted.  *Optical density (OD) was measured with a spectrometer at 450 nm* |
| 14 | **4B** | Serum N Protein ELISA assay for rHB29NSsP102A infected animals at 0, 8,14 and 58 dpi (immunisation); Original Serum was diluted 1:10 and then further 1:2 diluted.  *Optical density (OD) was measured with a spectrometer at 450 nm* |
| 15 | **4C** | Serum N Protein ELISA assay for rHB2912aaNSs infected animals at 0, 8,14 and 58 dpi (immunisation); Original Serum was diluted 1:10 and then further 1:2 diluted.  *Optical density (OD) was measured with a spectrometer at 450 nm* |
| 16 | **4D** | Serum Neutralisation assay for rHB29 infected animals at 0, 8,14 and 58 dpi (immunisation)  *Antibody titers expressed as reciprocals of highest serum dilution showing a >50% plaque reduction compared with control values* |
| 17 | **4E** | Serum Neutralisation assay for rHB29NSsP102A infected animals at 0, 8,14 and 58 dpi (immunisation)  *Antibody titers expressed as reciprocals of highest serum dilution showing a >50% plaque reduction compared with control values* |
| 18 | **4F** | Serum Neutralisation assay for rHB2912aaNSs infected animals at 0, 8,14 and 58 dpi (immunisation)  *Antibody titers expressed as reciprocals of highest serum dilution showing a >50% plaque reduction compared with control values* |
| 19 | **5A** | Animal survival curve for Kaplan-Meier plot (challenge)  *1 = death of animal* |
| 20 | **5B** | Percentage weight loss of animals infected with viruses 0 -12 dpi (challenge)  *Percentage* |
| 21 | **5C** | Temperature change of animals infected with viruses 0 -12 dpi (challenge)  *Temp change oC* |
| 22 | **5D** | Platelet counts for animals infected with rHB29 (challenge)  *103/μL* |
| 23 | **5E** | Platelet counts for animals infected with rHB29NSsP102A (challenge)  *103/μL* |
| 24 | **5F** | Platelet counts for animals infected with rHB2912aaNSs (challenge)  *103/μL* |
| 25 | **5G** | Platelet counts for animals infected with CB8/2016 (challenge)  *103/μL* |
| 26 | **6A** | Serum copy number of virus for animals infected with viruses 0 -12 dpi (challenge)  *log10 RNA copies/ml* |
| 27 | **6B** | Tissue titers for all viruses presented in one graph (challenge)  *log10 RNA copies/g* |
| 28 | **S1A** | White Blood Cell counts recorded in animals infected with viruses indicated (immunisation)  *103/μL* |
| 29 | **S1B** | Red Blood Cell counts recorded in animals infected with viruses indicated (immunisation)  *g/dL* |
| 30 | **S1C** | ALT levels recorded in animals infected with viruses indicated (immunisation)  *IU I-1* |
| 31 | **S1D** | AST levels recorded in animals infected with viruses indicated (immunisation)  *IU I-1* |
| 32 | **S2A** | White Blood Cell counts recorded in animals infected with viruses indicated (challenge)  *103/μL* |
| 33 | **S2B** | Red Blood Cell counts recorded in animals infected with viruses indicated (challenge)  *g/dL* |
| 34 | **S2C** | ALT levels recorded in animals infected with viruses indicated (challenge)  *IU I-1* |
| 35 | **S2D** | AST levels recorded in animals infected with viruses indicated (challenge)  *IU I-1* |