

Supplementary Materials: The following are available online at www.mdpi.com/xxx/s1, Table S1: Blood chemistry values during the course of the RVFV MP-12 infection in STAT2 KO hamsters.

Blood Chemistry	Day 1	Day 2	Day 3	Day 4	Day 5	Controls
TP mg/dL	6.0 ± 0.6	5.8 ± 0.6	5.6 ± 0.7	5.8 ± 0.5	5.0 ± 0.6	5.8 ± 0.6
ALB g/dL	2.8 ± 0.2	2.8 ± 0.1	2.6 ± 0.3	2.7 ± 0.3	2.1 ± 0.5	2.7 ± 0.1
ALP U/L	207.3 ± 61.2	223.7 ± 132.6	454.7 ± 469.3	396.5 ± 284.6	721.7 ± 470.0	302.0 ± 141.4
GLU mg/dL	130.7 ± 39.11	129.3 ± 20.01	101.3 ± 22.12	74 ± 38.06	52.67 ± 57.46	132.0 ± 12.7
TBIL mg/dL	0.2 ± 0.1	0.2 ± 0.2	0.1 ± 0.0	0.1 ± 0.0	1.5 ± 1.8	0.1 ± 0.0
PHOS mg/dL	7.8 ± 1.1	8.7 ± 0.6	8.2 ± 0.8	7.9 ± 2.5	12.5 ± 3.4	9.0 ± 0.8
CHOL mg/dL	169.7 ± 25.0	159.2 ± 27.0	131.0 ± 16.5	146.3 ± 18.5	105.0 ± 15.5**	174.0 ± 12.7
GGT U/L	10.0 ± 0.0	10.0 ± 0.0	10.0 ± 0.0	10.0 ± 0.0	10.0 ± 0.0	10.0 ± 0.0
ALT U/L	74.0 ± 38.0	51.3 ± 12.5	36.0 ± 2.7	153.5 ± 153.9	681.3 ± 552.0*	39.5 ± 5.0
Ca mg/dL	12.8 ± 2.0	14.5 ± 0.7	13.4 ± 0.7	12.2 ± 1.1	11.8 ± 3.8	14.5 ± 0.2
CRE mg/dL	0.2 ± 0.0	0.2 ± 0.0	0.2 ± 0.0	0.2 ± 0.0	0.3 ± 0.1	0.2 ± 0.0
BUN mg/dL	17.0 ± 3.3	21.8 ± 4.2	17.8 ± 1.3	16.2 ± 3.8	36.8 ± 36.6	21.1 ± 4.4
AST U/L	63.7 ± 16.9	106.7 ± 51.0	75.0 ± 17.1	213.5 ± 242.3	704.7 ± 511.5*	69.5 ± 26.2

Prior to infection 3-4 animals were designated for sacrifice on days 1-5 p.i. (n = 3/group for days 1-3 and 5; n = 4 for day 4). One animal in the day 5 group succumbed to infection prior to sacrifice and therefore plasma could not be obtained. Data are reported as the group mean and standard deviation (for the 2 sham-infected controls, the mean and range is given). **P* < 0.05, ***P* < 0.01 compared to day 1 RVFV MP-12-infected animals (n = 3). Statistically significant differences are indicated by bold font.

Supplementary Materials: The following are available online at www.mdpi.com/xxx/s1, Table S2: Hematology values during the course of the RVFV MP-12 infection in *STAT2* KO hamsters.

Hematology	Day 1	Day 2	Day 3	Day 4	Day 5	Controls
RBC M/ μ l	7.9 \pm 0.4	7.5 \pm 0.5	7.0 \pm 0.4	7.7 \pm 0.2	8.4 \pm 1.2	7.4 \pm 0.4
Calc HGB g/dL	19.0 \pm 0.8	18.2 \pm 1.2	17.6 \pm 1.5	19.2 \pm 0.4	20.1 \pm 2.5	18.0 \pm 0.7
HCT %	50.4 \pm 2.5	47.5 \pm 2.1	44.1 \pm 3.2	48.7 \pm 1.4	53.8 \pm 7.4	47.3 \pm 2.1
MCV fL	63.4 \pm 0.3	63.4 \pm 1.3	63.0 \pm 1.4	63.6 \pm 1.2	63.9 \pm 1.1	63.8 \pm 0.1
MCH fL	24.0 \pm 0.1	24.3 \pm 0.2	25.1 \pm 0.9	25.1 \pm 0.7	23.8 \pm 1.1	24.3 \pm 0.1
MCHC g/dL	37.7 \pm 1.2	38.4 \pm 1.0	39.7 \pm 0.6*	39.5 \pm 0.6	37.2 \pm 1.0	38.1 \pm 0.1
CHCM g/dL	33.5 \pm 0.4	33.5 \pm 0.5	33.9 \pm 0.1	33.6 \pm 0.5	32.6 \pm 2.0	33.3 \pm 0.1
RDW %	16.3 \pm 0.3	16.0 \pm 2.3	16.0 \pm 1.1	17.3 \pm 1.4	15.9 \pm 2.3	17.0 \pm 1.2
WBC K/ μ L	6.0 \pm 0.9	4.5 \pm 0.9	8.6 \pm 4.8	4.4 \pm 2.2	3.5 \pm 2.5	8.74 \pm 0.6
Band K/ μ L (%)	0.1 \pm 0.1 (2.0 \pm 2.7)	0.1 \pm 0.1 (2.7 \pm 0.6)	0.3 \pm 0.2 (4.0 \pm 2.6)	0.0 \pm 0.0 (0.5 \pm 1.0)	0.0 \pm 0.0 (0.0 \pm 0.0)	0.2 \pm 0.0 (1.5 \pm 0.7)
Neut K/ μ L (%)	2.1 \pm 0.3 (35.7 \pm 9.1)	2.3 \pm 1.2 (48.7 \pm 16.3)	5.6 \pm 3.9 (63.3 \pm 16.1)	3.2 \pm 1.6 (74.3 \pm 8.3)	1.7 \pm 2.2 (34.0 \pm 34.2)	3.5 \pm 2.3 (39.0 \pm 24.0)
Lymph K/ μ L (%)	3.4 \pm 1.3 (55.0 \pm 13.1)	1.8 \pm 0.5 (42.7 \pm 15.7)	1.9 \pm 1.0 (26.0 \pm 17.6)	0.9 \pm 0.8 (20.3 \pm 8.6)	1.2 \pm 0.5 (44.7 \pm 20.0)	4.3 \pm 2.6 (50.5 \pm 33.2)
Mono K/ μ L (%)	0.3 \pm 0.1 (6.3 \pm 3.2)	0.2 \pm 0.1 (3.7 \pm 0.6)	0.5 \pm 0.3 (5.7 \pm 0.6)	0.2 \pm 0.1 (5.0 \pm 0.8)	0.5 \pm 0.3 (20.0 \pm 13.8)	1.2 \pm 0.3 (9.5 \pm 0.7)
Eos K/ μ L (%)	0.2 \pm 0.1 (2.7 \pm 2.1)	0.1 \pm 0.0 (2.3 \pm 1.2)	0.1 \pm 0.1 (0.3 \pm 0.6)	0.0 \pm 0.0* (0.0 \pm 0.0*)	0.0 \pm 0.0 (0.7 \pm 0.6)	0.5 \pm 0.7 (0.5 \pm 0.7)
Baso K/ μ L (%)	0.0 \pm 0.0 (2.0 \pm 1.0)	0.0 \pm 0.0 (0.0 \pm 0.0)	0.1 \pm 0.1 (0.7 \pm 1.2)	0.0 \pm 0.0 (0.0 \pm 0.0)	0.0 \pm 0.0 (0.7 \pm 1.2)	0.0 \pm 0.0 (0.0 \pm 0.0)
PLT K/ μ L	744.3 \pm 77.3	647.7 \pm 234.9	808.7 \pm 312.4	536.0 \pm 269.0	459.3 \pm 250.9	1079.0 \pm 82.7

MPV fL	6.2 ± 0.1	6.2 ± 0.4	6.3 ± 0.4	6.5 ± 0.2	7.6 ± 2.1	6.3 ± 0.1
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