Table S1. Histopathology findings in the mouse lines studied

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Colony/Line**  **mouse** | **Tissue** | **Inflammatory process** | **Cell infiltrate** | **Presence of**  **amastigotes** | **Frequency** |
| **NIH** | Heart | Mild acute myocarditis | Lymphocytes | Negative | 1 |
| **NIH** | Heart | Severe acute myocarditis | Lymphocytes | Negative | 6 |
| **NIH** | Heart | No autopsy material |  |  | 2 |
| **NIH** | Heart | Organ unchanged histological without necroinflammatory process |  |  | 8 |
| **NIH** | Liver | Sinusoidal congestion | Negative | Negative | 4 |
| **NIH** | Liver | Reactive lymphoid hyperplasia of Kupffer cells | Lymphocytes | Negative | 1 |
| **NIH** | Liver | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 4 |
| **NIH** | Liver | Perivenular and perizonal necrosis | Negative | Negative | 1 |
| **NIH** | Liver | No autopsy material |  |  | 1 |
| **NIH** | Liver | Organ unchanged histological without necroinflammatory process |  |  | 25 |
| **NIH** | Skeletal muscle | Moderate acute myositis | Lymphocytes | Negative | 5 |
| **NIH** | Skeletal muscle | Severe acute myositis | Lymphocytes | Occasional | 5 |
| **NIH** | Skeletal muscle | Severe acute myositis | Lymphocytes | Negative | 9 |
| **NIH** | Skeletal muscle | No autopsy material |  |  | 2 |
| **NIH** | Skeletal muscle | Organ unchanged histological without necroinflammatory process |  |  | 1 |
| **NIH** | Spleen | Lymphoid hyperplasia splenic | Lymphocytes | Negative | 3 |
| **NIH** | Spleen | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 5 |
| **NIH** | Spleen | No autopsy material |  |  | 1 |
| **NIH** | Spleen | Organ unchanged histological without necroinflammatory process |  |  | 27 |
| **NIH** | Small intestine | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 3 |
| **NIH** | Small intestine | No autopsy material |  |  | 1 |
| **NIH** | Small intestine | Organ unchanged histological without necroinflammatory process |  |  | 32 |
| **ICR-CD1** | Heart | Light acute myocarditis | Negative | Negative | 1 |
| **ICR-CD1** | Heart | Mild acute myocarditis | Negative | Negative | 6 |
| **ICR-CD1** | Heart | Moderate acute myocarditis | Lymphocytes | Abundant | 5 |
| **ICR-CD1** | Heart | No autopsy material |  |  | 1 |
| **ICR-CD1** | Heart | Organ unchanged histological without necroinflammatory process |  |  | 5 |
| **ICR-CD1** | Skeletal muscle | Mild acute myositis | Negative | Negative | 4 |
| **ICR-CD1** | Skeletal muscle | Moderate acute myositis | Lymphocytes | Negative | 4 |
| **ICR-CD1** | Skeletal muscle | Severe acute myositis | Lymphocytes | Occasional | 7 |
| **ICR-CD1** | Skeletal muscle | Severe acute myositis | Lymphocytes | Negative | 2 |
| **ICR-CD1** | Skeletal muscle | No autopsy material |  |  | 1 |
| **ICR-CD1** | Skeletal muscle | Organ unchanged histological without necroinflammatory process |  |  | 3 |
| **ICR-CD1** | Liver | Sinusoidal congestion |  | Negative | 1 |
| **ICR-CD1** | Liver | Reactive lymphoid hyperplasia of Kupffer cells | Lymphocytes | Negative | 1 |
| **ICR-CD1** | Liver | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 1 |
| **ICR-CD1** | Liver | Hepatic infarction |  | Negative | 1 |
| **ICR-CD1** | Liver | Organ unchanged histological without necroinflammatory process |  |  | 32 |
| **ICR-CD1** | Spleen | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 6 |
| **ICR-CD1** | Spleen | Organ unchanged histological without necroinflammatory process |  |  | 30 |
| **ICR-CD1** | Small intestine | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 4 |
| **ICR-CD1** | Small intestine | Organ unchanged histological without necroinflammatory process |  |  | 32 |
| **BALB/c** | Heart | Mild acute myocarditis | Negative | Negative | 3 |
| **BALB/c** | Heart | Moderate acute myocarditis | Lymphocytes | Abundant | 1 |
| **BALB/c** | Heart | Moderate acute myocarditis | Lymphocytes | Negative | 6 |
| **BALB/c** | Heart | Severe acute myocarditis | Lymphocytes | Negative | 10 |
| **BALB/c** | Heart | No autopsy material |  |  | 1 |
| **BALB/c** | Heart | Organ unchanged histological without necroinflammatory process |  |  | 6 |
| **BALB/c** | Skeletal muscle | Mild acute myositis | Negative | Negative | 4 |
| **BALB/c** | Skeletal muscle | Moderate acute myositis | Lymphocytes | Negative | 10 |
| **BALB/c** | Skeletal muscle | Severe acute myositis | Lymphocytes | Occasional | 2 |
| **BALB/c** | Skeletal muscle | Severe acute myositis | Lymphocytes | Negative | 8 |
| **BALB/c** | Skeletal muscle | No autopsy material |  |  | 1 |
| **BALB/c** | Skeletal muscle | Organ unchanged histological without necroinflammatory process |  |  | 4 |
| **BALB/c** | Liver | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 5 |
| **BALB/c** | Liver | No autopsy material |  |  | 1 |
| **BALB/c** | Liver | Organ unchanged histological without necroinflammatory process |  |  | 30 |
| **BALB/c** | Spleen | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 5 |
| **BALB/c** | Spleen | No autopsy material |  |  | 1 |
| **BALB/c** | Spleen | Organ unchanged histological without necroinflammatory process |  |  | 30 |
| **BALB/c** | Small intestine | Lymphoid hyperplasia reactive | Lymphocytes | Negative | 2 |
| **BALB/c** | Small intestine | No autopsy material |  |  | 1 |
| **BALB/c** | Small intestine | Organ unchanged histological without necroinflammatory process |  |  | 33 |