**Table S2: Complete pathological findings for indicating occurrence (lesion/number of organ evaluated) and percentage per species, age group, and region (for both species combined).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lesion** | **Total** | ***T. aduncus*** | ***S. chinensis*** | **Region** |
|  |  | Calf | Juvenile | Adult | Calf | Juvenile | Adult | North | South |
| **Pneumonia (total)** | 37/40 | 17/19 | 10/10 | 5/6 | 1/1 | 2/2 | 2/2 | 27/30 | 10/10 |
|  | 93% | 89% | 100% | 83% | 100% | 100% | 100% | 90% | 100% |
| **Mild to severe, multifocal eosinophilic and lymphoplasmacytic parasitic pneumonia** | 8/40 | 6/19 | 0/10 | 1/6 | 0/1 | 0/2 | 1/2 | 6/30 | 2/10 |
|  | 20% | 32% | 0% | 17% | 0% | 0% | 50% | 20% | 20% |
| **Mild to moderate, multifocal to diffuse eosinophilic and variably lymphoplasmacytic pneumonia**  | 34/40 | 15/19 | 9/10 | 5/6 | 1/1 | 2/2 | 2/2 | 24/30 | 10/10 |
|  | 85% | 79% | 90% | 83% | 100% | 100% | 100% | 80% | 100% |
| **Mild to moderate, multifocal lymphoplasmacytic pneumonia** | 3/40 | 2/19 | 1/10 | 0/6 | 0/1 | 0/2 | 0/2 | 3/30 | 0/10 |
|  | 8% | 11% | 10% | 0% | 0% | 0% | 0% | 10% | 0% |
| **Mild to moderate, multifocal eosinophilic and lymphoplasmacytic tracheo-bronchitis** | 12/40 | 8/19 | 4/10 | 0/6 | 0/1 | 0/2 | 0/2 | 7/30 | 5/10 |
|  | 30% | 42% | 40% | 0% | 0% | 0% | 0% | 23% | 50% |
| **Moderate to severe, multifocal to diffuse acute alveolar oedema** | 32/40 | 16/19 | 8/10 | 6/6 | 1/1 | 1/2 | 0/2 | 24/30 | 8/10 |
|  | 80% | 84% | 80% | 100% | 100% | 100% | 0% | 80% | 80% |
| **Moderate to severe, multifocal to diffuse alveolar emphysema**  | 32/40 | 17/19 | 9/10 | 4/6 | 0/1 | 1/2 | 1/2 | 24/30 | 8/10 |
|  | 80% | 89% | 90% | 67% | 0% | 50% | 50% | 80% | 80% |
| **Mild to severe, multifocal follicular lymphoid hyperplasia**  | 18/40 | 9/19 | 6/10 | 0/6 | 1/1 | 1/2 | 1/2 | 14/30 | 4/10 |
|  | 45% | 47% | 60% | 0% | 100% | 50% | 50% | 47% | 40% |
| **Mild to moderate, multifocal, bronchiolar mucosal mineralization**  | 33/40 | 16/19 | 8/10 | 5/6 | 1/1 | 2/2 | 1/2 | 25/30 | 8/10 |
|  | 83% | 84% | 80% | 83% | 100% | 100% | 50% | 83% | 80% |
| **Mild, multifocal pneumoconiosis** | 3/40 | 0/19 | 0/10 | 2/6 | 0/1 | 1/2  | 0/2 | 2/30 | 1/10 |
|  | 8% | 0% | 0% | 33% | 0% | 50% | 0% | 7% | 10% |
| **Mild to moderate, multifocal alveolar macrophage hyperplasia (histiocytosis)**  | 6/40 | 3/19 | 0/10 | 1/6 | 1/1 | 1/2  | 0/2 | 6/30 | 0/10 |
|  | 15% | 16% | 0% | 17% | 100% | 50% | 0% | 20% | 0% |
| **Small numbers of alveolar *Corpora amylacea*** | 2/40 | 0/19 | 2/10 | 0/6 | 0/1 | 0/2 | 0/2 | 2/30 | 0/10 |
|  | 5% | 0% | 20% | 0% | 0% | 0% | 0% | 7% | 0% |
| **Mild to moderate, multifocal to diffuse, eosinophilic to lymphoplasmacytic pleuritis** | 12/40 | 6/19 | 4/10 | 0/6 | 0/1 | 2/2 | 0/2 | 9/30 | 3/10 |
|  | 30% | 32% | 40% | 0% | 0% | 100% | 0% | 30% | 30% |
| **Mild multifocal pleural fibrosis**  | 4/40 | 1/19 | 1/10 | 0/6 | 0/1 | 1/2  | 1/2  | 4/30 | 0/10 |
|  | 10% | 5% | 10% | 0% | 0% | 50% | 50% | 13% | 0% |
| **Pulmonary haemosiderosis** | 1/40 | 0/19 | 0/10 | 0/6 | 0/1 | 0/2 | 1/2  | 1/30 | 0/10 |
|  | 3% | 0% | 0% | 0% | 0% | 0% | 50% | 3% | 0% |
| **Mild multifocal lymphoplasmacytic and variably eosinophilic glossitis** | 10/34 | 3/19 | 3/8 | 4/5 | 0/1 | 0/0 | 0/1 | 9/25 | 1/9 |
|  | 29% | 16% | 38% | 80% | 0% | 0% | 0% | 36% | 11% |
| **Lingual muscle sarcosystosis** | 1/34 | 1/19 | 0/8 | 0/5 | 0/1 | 0/0 | 0/1 | 0/25 | 1/9 |
|  | 3% | 5% | 0% | 0% | 0% | 0% | 0% | 0% | 11% |
| **Mild lymphoplasmacytic pharyngitis**  | 5/32 | 4/14 | 0/10 | 1/5 | 0/1 | 0/1 | 0/1 | 5/24 | 0/8 |
|  | 16% | 29% | 0% | 20% | 0% | 0% | 0% | 21% | 0% |
|  **Mild multifocal lymphoplasmacytic and variably eosinophilic sialoadenitis** | 8/32 | 2/14 | 2/10 | 4/5 | 0/1 | 0/1 | 0/1 | 6/24 | 2/8 |
|  | 25% | 14% | 20% | 80% | 0% | 0% | 0% | 25% | 25% |
| **Peyer’s patches present in intestine** | 22/40 | 11/19 | 6/10 | 3/6 | 1/1 | 1/2 | 0/2 | 19/30 | 3/10 |
|  | 55% | 58% | 60% | 50% | 100% | 50% | 0% | 63% | 30% |
| **Mild multifocal variably eosinophilic and lymphoplasmacytic oesophagitis** | 4/27 | 2/12 | 0/8 | 2/3 | 0/1 | 0/1 | 0/2 | 3/19 | 1/8 |
|  | 15% | 17% | 0% | 67% | 0% | 0% | 0% | 16% | 13% |
| **Mild multifocal lymphoplasmacytic and eosinophilic gastritis** | 28/38 | 11/19 | 8/9 | 6/6 | 1/1 | 1/1 | 1/2  | 20/28 | 8/10 |
|  | 74% | 58% | 89% | 100% | 100% | 100% | 50% | 71% | 80% |
| **Moderate to severe multifocal parasitic gastritis (trematodes)** | 12/38 | 5/19 | 5/9 | 2/6 | 0/1 | 0/1 | 0/2 | 8/28 | 4/10 |
|  | 32% | 26% | 56% | 33% | 0% | 0% | 0% | 29% | 40% |
| **Mild to severe multifocal to diffuse variably lymphoplasmacytic and eosinophilic enteritis** | 27/40 | 9/19 | 10/10 | 6/6 | 0/1 | 2/2 | 0/2 | 21/30 | 6/10 |
|  | 68% | 47% | 100% | 100% | 0% | 100% | 0% | 70% | 60% |
| **Tonsillar lymphoid follicles present** | 22/32 | 11/14 | 7/10 | 3/5 | 0/1 | 0/1 | 1/1 | 17/24 | 5/8 |
|  | 69% | 79% | 70% | 60% | 0% | 0% | 100% | 71% | 63% |
| **Mild to moderate lymphoplasmacytic and variably eosinophilic multifocal hepatitis** | 5/39 | 3/19 | 2/10 | 0/6 | 0/1 | 0/2 | 0/1 | 4/29 | 1/10 |
|  | 13% | 16% | 20% | 0% | 0% | 0% | 0% | 14% | 10% |
| **Mild to moderate lymphoplasmacytic and eosinophilic periportal hepatitis** | 20/39 | 11/19 | 4/10 | 5/6 | 0/1 | 0/2 | 0/1 | 16/29 | 4/10 |
|  | 51% | 58% | 40% | 83% | 0% | 0% | 0% | 55% | 40% |
| **Mild chronic lymphoplasmacytic and eosinophilic parasitic periportal hepatitis** | 2/39 | 0/19 | 1/10 | 1/6 | 0/1 | 0/2 | 0/1 | 1/29 | 1/10 |
|  | 5% | 0% | 10% | 17% | 0% | 0% | 0% | 3% | 10% |
| **Moderate multifocal lymphoplasmacytic and eosinophilic cholangitis**  | 4/39 | 1/19 | 1/10 | 0/6 | 1/1 | 1/2 | 0/1 | 4/29 | 0/10 |
|  | 10% | 5% | 5% | 0% | 100% | 50% | 0% | 14% | 0% |
| **Mild to severe periportal and subcapsular bile ductular hyperplasia**  | 17/39 | 7/19 | 3/10 | 5/6 | 1/1 | 1/2  | 0/1 | 12/29 | 5/10 |
|  | 44% | 37% | 30% | 83% | 100% | 50% | 0% | 41% | 50% |
| **Mild to moderate periportal fibrosis** | 10/39 | 2/19 | 3/10 | 4/6 | 0/1 | 1/2  | 0/1 | 7/29 | 3/10 |
|  | 26% | 11% | 30% | 67% | 0% | 50% | 0% | 24% | 30% |
| **Mild to moderate multifocal hepatic capsular fibrosis** | 3/39 | 0/19 | 1/10 | 2/6 | 0/1 | 0/2 | 0/1 | 2/29 | 1/10 |
|  | 8% | 0% | 10% | 33% | 0% | 0% | 0% | 7% | 10% |
| **Mild multifocal lymphoplasmacytic and eosinophilic pancreatitis** | 2/35 | 2/17 | 0/9 | 0/5 | 0/1 | 0/2 | 0/1 | 2/26 | 0/9 |
|  | 6% | 12% | 0% | 0% | 0% | 0% | 0% | 8% | 0% |
| **Mild multifocal splenic capsular fibrosis** | 18/39 | 7/19 | 6/10 | 4/5 | 0/1 | 0/2 | 1/2 | 10/29 | 8/10 |
|  | 46% | 37% | 60% | 80% | 0% | 0% | 50% | 34% | 80% |
| **Mild to moderate multifocal variably lymphoplasmacytic and eosinophilic splenic serositis** | 12/39 | 4/19 | 4/10 | 4/5 | 0/1 | 0/2 | 0/2 | 8/29 | 4/10 |
|  | 31% | 21% | 40% | 80% | 0% | 0% | 0% | 28% | 40% |
| **Mild to moderate multifocal splenic lymphoid hyperplasia** | 7/39 | 2/19 | 2/10 | 3/5 | 0/1 | 0/2 | 0/2 | 6/29 | 1/10 |
|  | 18% | 11% | 20% | 60% | 0% | 0% | 0% | 21% | 10% |
| **Mild to moderate multifocal eosinophilic and variably lymphoplasmacytic cervical lymph node serositis**  | 10/39 | 4/18 | 3/10 | 3/6 | 0/1 | 0/2 | 0/2 | 6/29 | 4/10 |
|  | 26% | 22% | 30% | 50% | 0% | 0% | 0% | 21% | 40% |
| **Mild multifocal cervical lymph node lymphoid hyperplasia** | 8/39 | 3/18 | 1/10 | 2/6 | 1/1 | 1/2  | 0/2 | 4/29 | 4/10 |
|  | 21% | 17% | 10% | 33% | 100% | 50% | 0% | 14% | 40% |
| **Mild cervical lymph node haemosiderosis** | 1/39 | 0/18 | 0/10 | 1/6 | 0/1 | 0/2 | 0/2 | 0/29 | 1/10 |
|  | 3% | 0% | 0% | 17% | 0% | 0% | 0% | 0% | 10% |
| **Mild to severe multifocal eosinophilic and variably lymphoplasmacytic mesenteric lymph node serositis** | 19/39 | 5/19 | 5/10 | 5/5 | 0/1 | 2/2 | 2/2 | 15/29 | 4/10 |
|  | 49% | 26% | 50% | 100% | 0% | 100% | 100% | 52% | 40% |
| **Mild multifocal mesenteric lymph node lymphoid hyperplasia** | 6/39 | 3/19 | 2/10 | 1/5 | 0/1 | 0/2 | 0/2 | 6/29 | 0/10 |
|  | 15% | 16% | 20% | 20% | 0% | 0% | 0% | 31% | 0% |
| **Mild multifocal mesenteric lymph node lymphoid hypoplasia** | 1/39 | 0/19 | 0/10 | 1/5 | 0/1 | 0/2 | 0/2 | 0/29 | 1/10 |
|  | 3% | 0% | 0% | 20% | 0% | 0% | 0% | 0% | 10% |
| **Mild multifocal mesenteric lymph node haemosiderosis** | 4/39 | 1/19 | 1/10 | 1/5 | 1/1 | 0/2 | 0/2 | 2/29 | 2/10 |
|  | 10% | 5% | 10% | 20% | 100% | 0% | 0% | 7% | 20% |
| **Mild multifocal mesenteric lymph node anthracosis** | 1/39 | 0/19 | 0/10 | 0/5 | 0/1 | 0/2 | 1/2  | 1/29 | 0/10 |
|  | 3% | 0% | 0% | 0% | 0% | 0% | 50% | 7% | 0% |
| **Mild to moderate multifocal eosinophilic and lymphoplasmacytic lung marginal lymph node serositis** | 14/30 | 5/13 | 5/8 | 2/6 | 0/1 | 2/2 | 0/0 | 9/22 | 5/8 |
|  | 47% | 38% | 63% | 33% | 0% | 100% | 0% | 41% | 63% |
| **Mild multifocal marginal lymph node of the lung lymphoid hyperplasia** | 3/30 | 1/13 | 1/8 | 0/6 | 0/1 | 1/2  | 0/0 | 3/22 | 0/8 |
|  | 10% | 8% | 13% | 0% | 0% | 50% | 0% | 14% | 0% |
| **Moderate multifocal marginal lymph node of the lung lymphoid hypoplasia** | 1/30 | 0/13 | 1/8 | 0/6 | 0/1 | 0/2 | 0/0 | 0/22 | 1/8 |
|  | 3% | 0% | 13% | 0% | 0% | 0% | 0% | 0% | 13% |
| **Mild multifocal marginal lymph node of the lung haemosiderosis** | 3/30 | 0/13 | 2/8 | 1/6 | 0/1 | 0/2 | 0/0 | 2/22 | 1/8 |
|  | 10% | 0% | 25% | 17% | 0% | 0% | 0% | 9% | 13% |
| **Mild multifocal marginal lymph node of the lung pneumoconiosis** | 3/30 | 0/13 | 2/8 | 1/6 | 0/1 | 0/2 | 0/0 | 1/22 | 2/8 |
|  | 10% | 0% | 25% | 17% | 0% | 0% | 0% | 9% | 13% |
| **Mild multifocal lymphoplasmacytic thymitis and peri-thymitis** | 2/21 | 2/15 | 0/4 | 0/1 | 0/1 | 0/0 | 0/0 | 1/14 | 1/7 |
|  | 10% | 13% | 0% | 0% | 0% | 0% | 0% | 7% | 14% |
| **Small acini of peri-thymic glandular cells** | 2/21 | 0/15 | 1/4 | 0/1 | 1/1 | 0/0 | 0/0 | 1/14 | 1/7 |
|  | 10% | 0% | 25% | 0% | 100% | 0% | 0% | 7% | 14% |
| **Mild multifocal lymphoplasmacytic and variably eosinophilic oophoritis** | 5/27 | 1/14 | 2/7 | 1/4 | 0/1 | 1/1 | 0/0 | 4/19 | 1/8 |
|  | 19% | 7% | 29% | 25% | 0% | 100% | 0% | 21% | 13% |
| **Mild multifocal ovarian mineralization** | 3/27 | 0/14 | 0/7 | 3/4 | 0/1 | 0/1 | 0/0 | 2/19 | 1/8 |
|  | 11% | 0% | 0% | 75% | 0% | 0% | 0% | 11% | 13% |
| **Mild to moderate multifocal eosinophilic and lymphoplasmacytic endometritis**  | 11/27 | 4/14 | 2/7 | 4/4 | 0/1 | 1/1 | 0/0 | 8/19 | 3/8 |
|  | 41% | 29% | 29% | 100% | 0% | 100% | 0% | 42% | 38% |
| **Moderate multifocal eosinophilic parasitic endometritis (trematode)** | 1/27 | 0/14 | 0/7 | 1/4  | 0/1 | 0/1 | 0/0 | 1/19 | 0/8 |
|  | 4% | 0% | 0% | 25% | 0% | 0% | 0% | 5% | 0% |
| **Mild to moderate multifocal eosinophilic and lymphoplasmacytic metritis**  | 6/27 | 2/14 | 0/7 | 3/4  | 0/1 | 1/1 | 0/0 | 4/19 | 2/8 |
|  | 22% | 14% | 0% | 75% | 0% | 100% | 0% | 21% | 25% |
| **Mild multifocal lymphoplasmacytic mastitis** | 3/7 | 2/3 | 1/2 | 0/2 | 0/0 | 0/0 | 0/0 | 3/6 | 0/1 |
|  | 43% | 66% | 50% | 0% | 0% | 0% | 0% | 50% | 0% |
| **Mild to moderate multifocal mammary ductular ectasia** | 5/7 | 2/3 | 1/2  | 2/2 | 0/0 | 0/0 | 0/0 | 4/6 | 1/1 |
|  | 71% | 66% | 50% | 100% | 0% | 0% | 0% | 67% | 100% |
| **Small to large numbers of mammary *corpora amylacea*** | 3/7 | 0/3 | 2/2 | 1/2 | 0/0 | 0/0 | 0/0 | 2/6 | 1/1 |
|  | 43% | 0% | 100% | 50% | 0% | 0% | 0% | 33% | 100% |
| **Mild multifocal mammary dystrophic calcification** | 2/7 | 1/3 | 0/2 | 1/2 | 0/0 | 0/0 | 0/0 | 1/6 | 1/1 |
|  | 29% | 33% | 0% | 50% | 0% | 0% | 0% | 17% | 100% |
| **Mild to moderate multifocal eosinophilic and variably lymphoplasmacytic testis and epididymis serositis** | 6/13 | 1/5 | 1/3 | 1/2 | 0/0 | 1/1 | 2/2 | 6/11 | 0/2 |
|  | 46% | 20% | 33% | 50% | 0% | 100% | 100% | 55% | 0% |
| **Mild multifocal lymphoplasmacytic balanitis** | 2/5 | 2/4 | 0/0 | 0/0 | 0/0 | 0/0 | 0/1 | 2/4 | 0/1 |
|  | 40% | 50% | 0% | 0% | 0% | 0% | 0% | 50% | 0% |
| **Mild multifocal lymphoplasmacytic myocarditis** | 15/39 | 8/19 | 7/10 | 0/6 | 0/1 | 0/1 | 0/1 | 11/29 | 4/10 |
|  | 38% | 42% | 70% | 0% | 0% | 0% | 0% | 38% | 40% |
| **Mild multifocal lymphoplasmacytic epicarditis** | 3/39 | 2/19 | 0/10 | 1/6 | 0/1 | 0/1 | 0/1 | 3/29 | 0/10 |
|  | 8% | 11% | 0% | 17% | 0% | 0% | 0% | 10% | 0% |
| **Mild multifocal lymphoplasmacytic endocarditis** | 7/39 | 6/19 | 1/10 | 0/6 | 0/1 | 0/1 | 0/1 | 4/29 | 3/10 |
|  | 18% | 32% | 10% | 0% | 0% | 0% | 0% | 14% | 30% |
| **Mild to moderate multifocal to diffuse myocardial fibrosis** | 10/39 | 0/19 | 4/10 | 5/6 | 0/1 | 1/1 | 0/1 | 8/29 | 2/10 |
|  | 26% | 0% | 40% | 83% | 0% | 100% | 0% | 28% | 20% |
| **Mild segmental coronary arteriolosclerosis** | 1/39 | 0/19 | 0/10 | 0/6 | 0/1 | 1/1 | 0/1 | 1/29 | 0/10 |
|  | 3% | 0% | 0% | 0% | 0% | 100% | 0% | 3% | 0% |
| **Moderate focal endocardial calcification** | 1/39 | 1/19 | 0/10 | 0/6 | 0/1 | 0/1 | 0/1 | 1/29 | 0/10 |
|  | 3% | 5% | 0% | 0% | 0% | 0% | 0% | 3% | 0% |
| **Mild multifocal lymphoplasmacytic adrenal adenitis** | 7/37 | 4/18 | 1/10 | 1/5 | 1/1 | 0/1 | 0/2 | 5/28 | 2/9 |
|  | 19% | 22% | 10% | 20% | 100% | 0% | 0% | 18% | 22% |
| **Mild multifocal acute adrenal capsular haemorrhage** | 1/37 | 1/18 | 0/10 | 0/5 | 0/1 | 0/1 | 0/2 | 1/28 | 0/9 |
|  | 3% | 6% | 0% | 0% | 0% | 0% | 0% | 4% | 0% |
| **Mild multifocal lymphoplasmacytic thyroiditis** | 2/27 | 1/13 | 0/7 | 1/4 | 0/1 | 0/1 | 0/1 | 1/19 | 1/8 |
|  | 7% | 8% | 0% | 25% | 0% | 0% | 0% | 5% | 13% |
| **Mild colloidal goitre** | 1/27 | 1/13 | 0/7 | 0/4 | 0/1 | 0/1 | 0/1 | 1/19 | 0/8 |
|  | 4% | 8% | 0% | 0% | 0% | 0% | 0% | 5% | 0% |
| **Mild multifocal lymphoplasmacytic peri-thyroidal steatitis** | 2/27 | 1/13 | 1/7 | 0/4 | 0/1 | 0/1 | 0/1 | 1/19 | 1/8 |
|  | 7% | 8% | 14% | 0% | 0% | 0% | 0% | 5% | 13% |
| **Single neck muscle sarcosysts**  | 1/27 | 0/13 | 0/7 | 0/4 | 0/1 | 0/1 | 0/1 | 0/19 | 1/8 |
|  | 4% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 13% |
| **Mild multifocal lymphoplasmacytic pituitary adenitis** | 2/6 | 2/3 | 0/2 | 0/0 | 0/0 | 0/1 | 0/0 | 2/4 | 0/2 |
|  | 33% | 66% | 0% | 0% | 0% | 0% | 0% | 50% | 0% |
| **Mild multifocal lymphoplasmacytic pituitary perineuritis** | 1/6 | 1/3 | 0/2 | 0/0 | 0/0 | 0/1 | 0/0 | 1/4 | 0/2 |
|  | 17% | 33% | 0% | 0% | 0% | 0% | 0% | 25% | 0% |
| **Small numbers of small pituitary cysts** | 1/6 | 0/3 | 2/2 | 0/0 | 0/0 | 1/1 | 0/0 | 1/4 | 2/2 |
|  | 17% | 0% | 100% | 0% | 0% | 100% | 0% | 25% | 100% |
| **Mild multifocal lymphoplasmacytic meningo-encephalitis** | 7/18 | 3/9 | 4/6 | 0/1 | 0/1 | 0/1 | 0/0 | 5/10 | 2/8 |
|  | 39% | 33% | 67% | 0% | 0% | 0% | 0% | 50% | 25% |
| **Mild multifocal acute meningeal haemorrhage** | 2/18 | 1/9 | 0/6 | 0/1 | 0/1 | 1/1 | 0/0 | 1/10 | 1/8 |
|  | 11% | 11% | 0% | 0% | 0% | 100% | 0% | 10% | 13% |
| **Severe focal acute peri-dural spinal haemorrhage** | 1/18 | 0/9 | 1/6 | 0/1 | 0/1 | 0/1 | 0/0 | 1/10 | 0/8 |
|  | 6% | 0% | 17% | 0% | 0% | 0% | 0% | 0% | 0% |
| **Mild multifocal neuronal satellitosis** | 2/18 | 1/9 | 1/6 | 0/1 | 0/1 | 0/1 | 0/0 | 1/10 | 1/8 |
|  | 11% | 11% | 17% | 0% | 0% | 0% | 0% | 10% | 13% |
| **Moderate locally extensive cerebellar herniation** |  1/18 | 1/9  | 0/6 | 0/1 | 0/1 | 0/1 | 0/0 | 1/10 | 0/8 |
|  | 6% | 11% | 0% | 0% | 0% | 0% | 0% | 10% | 0% |
| **Mild to moderate multifocal lymphoplasmacytic interstitial nephritis** | 13/39 | 5/19 | 4/10 | 3/6 | 1/1 | 0/2 | 0/1 | 11/29 | 2/10 |
|  | 33% | 26% | 40% | 50% | 100% | 0% | 0% | 38% | 20% |
| **Mild multifocal lymphoplasmacytic renal serositis** | 3/39 | 2/19 | 0/10 | 0/6 | 1/1 | 0/2 | 0/1 | 3/29 | 0/10 |
|  | 8% | 11% | 0% | 0% | 100% | 0% | 0% | 10% | 0% |
| **Mild multifocal renal cortical interstitial calcification**  | 3/39 | 2/19 | 0/10 | 0/6 | 1/1 | 0/2 | 0/1 | 3/29 | 0/10 |
|  | 8% | 11% | 0% | 0% | 100% | 0% | 0% | 10% | 0% |
| **Mild multifocal lymphoplasmacytic peri-renal steatitis** | 5/39 | 3/19 | 2/10 | 0/6 | 0/1 | 0/2 | 0/1 | 5/29 | 0/10 |
|  | 13% | 16% | 20% | 0% | 0% | 0% | 0% | 17% | 0% |
| **Mild focal renal cortical fibrosis** | 1/39 | 0/19 | 0/10 | 0/6 | 0/1 | 0/2 | 1/1 | 1/29 | 0/10 |
|  | 3% | 0% | 0% | 0% | 0% | 0% | 100% | 3% | 0% |
| **Small numbers of mineral deposits in the renal tubular lumen** | 7/39 | 3/19 | 3/10 | 1/6 | 0/1 | 0/2 | 0/1 | 5/29 | 2/10 |
|  | 18% | 16% | 30% | 17% | 0% | 0% | 0% | 17% | 20% |
| **Mild multifocal follicular lymphoid hyperplasia at the renal cortico-medullary junction** | 11/39 | 5/19 | 3/10 | 3/6 | 0/1 | 0/2 | 0/1 | 9/29 | 2/10 |
|  | 28% | 26% | 30% | 50% | 0% | 0% | 0% | 31% | 20% |
| **Mild multifocal lymphoplasmacytic and eosinophilic cystitis** | 10/36 | 2/19 | 5/10 | 1/3 | 0/1 | 2/2 | 0/1 | 8/27 | 2/9 |
|  | 28% | 11% | 50% | 33% | 0% | 100% | 0% | 30% | 22% |
| **Mild multifocal submucosal bladder calcification**  | 1/36 | 0/19 | 1/10 | 0/3 | 0/1 | 0/2 | 0/1 | 0/27 | 1/9 |
|  | 3% | 0% | 10% | 0% | 0% | 0% | 0% | 0% | 11% |
| **Mild to moderate focal umbilical arterial luminal calcification**  | 3/36 | 3/19 | 0/10 | 0/3 | 0/1 | 0/2 | 0/1 | 2/27 | 1/9 |
|  | 8% | 16% | 0% | 0% | 0% | 0% | 0% | 7% | 11% |
| **Small amount of haematoidin in umbilical artery** | 4/36 | 4/19 | 0/10 | 0/3 | 0/1 | 0/2 | 0/1 | 2/27 | 2/9 |
|  | 11% | 21% | 0% | 0% | 0% | 0% | 0% | 7% | 22% |
| **Mild to moderate multifocal lymphoplasmacytic and eosinophilic skeletal myositis** | 7/37 | 1/18 | 2/10 | 3/4  | 0/1 | 1/2 | 0/2 | 7/28 | 0/9 |
|  | 19% | 6% | 20% | 75% | 0% | 50% | 0% | 25% | 0% |
| **Mild focal acute skeletal haemorrhage** | 1/37 | 0/18 | 1/10 | 0/4 | 0/1 | 0/2 | 0/2 | 0/28 | 1/9 |
|  | 3% | 0% | 10% | 0% | 0% | 0% | 0% | 0% | 11% |
| **Mild multifocal lymphoplasmacytic and eosinophilic diaphragmatic serositis** | 4/36 | 1/19 | 2/9 | 1/3 | 0/1 | 0/2 | 0/2 | 3/27 | 1/9 |
|  | 11% | 5% | 22% | 33% | 0% | 0% | 0% | 11% | 11% |
| **Mild multifocal lymphoplasmacytic and eosinophilic diaphragmatic myositis** | 3/36 | 0/19 | 2/9 | 1/3 | 0/1 | 0/2 | 0/2 | 3/27 | 0/9 |
|  | 8% | 0% | 22% | 33% | 0% | 0% | 0% | 11% | 0% |
| **Mild multifocal diaphragmatic interstitial fibrosis** | 1/36 | 0/19 | 0/9 | 1/3 | 0/1 | 0/2 | 0/2 | 1/27 | 0/9 |
|  | 3% | 0% | 0% | 33% | 0% | 0% | 0% | 4% | 0% |
| **Mild multifocal diaphragmatic muscle fiber atrophy** | 1/36 | 0/19 | 0/9 | 1/3 | 0/1 | 0/2 | 0/2 | 1/27 | 0/9 |
|  | 3% | 0% | 0% | 33% | 0% | 0% | 0% | 4% | 0% |
| **Severe locally extensive granulomatous fungal dermatitis and cellulitis (consistent with lobomycosis)** | 1/40 | 0/19 | 0/10 | 0/6 | 0/1 | 0/2 | 1/2 | 1/30 | 0/10 |
|  | 3% | 0% | 0% | 0% | 0% | 0% | 50% | 3% | 0% |
| **Mild multifocal lymphoplasmacytic dermatitis** | 2/40 | 0/19 | 1/10 | 0/6 | 0/1 | 0/2 | 1/2  | 2/30 | 0/10 |
|  | 5% | 0% | 10% | 0% | 0% | 0% | 50% | 7% | 0% |
| **Mild multifocal lymphoplasmacytic cellulitis** | 2/40 | 2/19 | 0/10 | 0/6 | 0/1 | 0/2 | 0/2 | 1/30 | 1/10 |
|  | 5% | 11% | 0% | 0% | 0% | 0% | 0% | 3% | 10% |
| **Moderate multifocal pseudoacanthomatous epidermal hyperplasia** | 3/40 | 1/19 | 1/10 | 1/6 | 0/1 | 0/2 | 0/2 | 3/30 | 0/10 |
|  | 8% | 5% | 10% | 17% | 0% | 0% | 0% | 10% | 0% |
| **Mild multifocal optic nerve melanosis** | 1/35 | 0/16 | 0/9 | 1/6 | 0/1 | 0/1 | 0/2  | 1/25 | 0/10 |
|  | 3% | 0% | 0% | 17% | 0% | 0% | 0% | 5% | 0% |
| **Mild to moderate multifocal optic peri-neural mineralization** | 4/35 | 1/16 | 1/9 | 2/6 | 0/1 | 0/1 | 0/2 | 3/25 | 1/10 |
|  | 11% | 6% | 11% | 33% | 0% | 0% | 0% | 12% | 10% |
| **Mild multifocal lymphoplasmacytic optic peri-neuritis** | 2/35 | 0/16 | 0/9 | 2/6 | 0/1 | 0/1 | 0/2 | 1/25 | 1/10 |
|  | 6% | 0% | 0% | 33% | 0% | 0% | 0% | 4% | 10% |
| **Mild multifocal lymphoplasmacytic optic scleritis** | 4/35 | 3/16 | 0/9 | 1/6 | 0/1 | 0/1 | 0/2 | 4/25 | 0/10 |
|  | 11% | 19% | 0% | 17% | 0% | 0% | 0% | 16% | 0% |