Supplemental Table S1: Summary of case details for cats involved in this study.

| Case No. | Age  | Gender | Breed      | Culture  | PCR     | IGRA     | FeLV antigen | FIV antibody | Stavinohova et al.* Case No. |
|----------|------|--------|------------|----------|---------|----------|--------------|--------------|-------------------------------|
| 1        | 6y   | MN     | Bengal     | *M. bovis* | Negative | *M. bovis* | Negative     | Negative     | 10                            |
| 2        | 8y   | FN     | DSH        | *M. microti* | NP      | MTBC     | NP           | NP           | 6                             |
| 3        | 11y  | MN     | DSH        | *M. microti* | NP      | MTBC     | NP           | NP           | 20                            |
| 4        | 10y  | MN     | BSH        | NP        | *M. bovis* | NP       | NA           | NA           | 20                            |
| 5        | 4y   | F      | DxH        | NP        | *M. bovis* | NP       | NA           | NA           | 21                            |
| 6        | 8y   | MN     | BSH        | NP        | *M. bovis* | NP       | NA           | NA           | 21                            |
| 7        | 7y   | F      | DxH        | NP        | *M. bovis* | NP       | NA           | NA           | -                             |
| 8        | 1y   | M      | NA         | NP        | *M. bovis* | NP       | NA           | NA           | -                             |
| 9        | 5y 4m| FN     | DSH        | NP        | *M. bovis* | NP       | NA           | NA           | -                             |
| 10       | 10y 5m| MN   | DSH       | NP        | MTBC     | *M. bovis* | Negative     | Negative     | -                             |
| 11       | 3y   | FN     | DSH        | NP        | MTBC     | MTBC     | NP           | NP           | -                             |
| 12       | 7y   | MN     | DSH        | NP        | MTBC     | MTBC     | NP           | NP           | -                             |
| 13       | 4y   | MN     | DSH        | NP        | MTBC     | NP       | NA           | NA           | 14                            |
| 14       | 2y   | MN     | DSH        | NP        | MTBC     | NP       | NA           | NA           | 17                            |
| 15       | 6y   | MN     | BSH        | NP        | MTBC     | NP       | NA           | NA           | 17                            |
| 16       | 11y  | M      | DSH        | NP        | MTBC     | NP       | NA           | NA           | -                             |
| 17       | 7y 2m| MN     | Burmese    | NP        | NP       | *M. bovis* | Negative     | Negative     | 3                             |
| 18       | 1y 9m| MN     | DSH        | Negative  | Negative | *M. bovis* | Negative     | Negative     | 2                             |
| 19       | 2y 1m| FN     | DSH        | NP        | NP       | *M. bovis* | Negative     | Negative     | -                             |
| 20       | 2y   | FN     | BSH        | NP        | NP       | MTBC     | NP           | NP           | -                             |
| 21       | 12y 6m| FN   | DLH       | NP        | *M. lepraemurium* | NP     | NA           | NA           | -                             |
| 22       | 10y  | F      | DxH        | NP        | *M. lepraemurium* | NP     | NA           | NA           | -                             |
| 23       | 3y   | FN     | DLH        | NP        | NP       | NP        | NP           | NP           | -                             |
| 24       | 1y 6m| FN     | DSH        | NP        | NP       | NP        | NP           | NP           | 22                            |

PCR = polymerase chain reaction, IGRA = interferon-gamma release assay, FeLV = feline leukaemia virus, FIV = feline immunodeficiency virus, y = years, m = months, M = male, F = female, N = neutered, DSH = domestic short-hair, DxH = domestic cat, DLH = domestic long-hair, BSH = British Shorthair, MTBC = *Mycobacterium tuberculosis*-complex, NP = not performed, NA = data not available

*Stavinohova R, O’Halloran C, Newton JR, Oliver JAC, Scurrell E, Gunn-Moore, DA. Feline Ocular Mycobacteriosis: Clinical Presentation, Histopathologic Features, and Outcome. *Veterinary Pathology*. 2019;56: 749-760.*
**Supplemental Table S2: Breakdown of inflammation score, inflammation type and bacterial index grade per tissue examined per case.**

| Case No. | Cornea | Conjunctiva | Sclera | Iris | Ciliary Body | Choroid | Retina | Optic Nerve |
|----------|--------|-------------|--------|------|--------------|---------|--------|-------------|
|          | IS IT BI | IS IT BI | IS IT BI | IS IT BI | IS IT BI | IS IT BI | IS IT BI | IS IT BI |
| 1        | - - - | 3 PG 4 | - - | 1 L 0 | 5 PG 4 | 2 PG 0 | 3 M 0 |
| 2        | 5 PG 3 | 3 M 4 | 2 L 0 | 4 M 3 | 4 M 4 | 2 PG 0 | - - |
| 3        | - - - | 5 PG 4 | - - | - - | - - | - - | - - |
| 4        | - - - | 2 M 0 | 5 PG 2 | 2 L 0 | 3 M 0 | 5 M 3 | 2 M 3 |
| 5        | - - - | 1 M 0 | 2 L 0 | 2 M 0 | 4 M 3 | 4 M 2 | 2 NP |
| 6        | - - - | 1 M 0 | 2 M 0 | 3 PG 4 | 3 PG 4 | 2 M 4 | 3 PG 3 |
| 7        | - - - | 3 PG 0 | 2 L 0 | 3 M 0 | 5 PG 5 | 3 PG 4 | 3 PG 0 |
| 8        | - - - | 2 PG 2 | - - | - - | - - | - - | - - |
| 9        | 2 PG 0 | 5 PG 5 | 5 PG 4 | 3 M 3 | 5 PG 4 | 5 PG 4 | 3 PG 3 | 2 L 0 |
| 10       | - - - | 1 L 0 | 1 M 0 | 1 L 0 | 2 L 0 | 5 M 4 | 3 M 3 |
| 11       | - - - | 2 L 0 | 3 PG 3 | 4 M 3 | 4 M 0 | - - |
| 12       | - - - | 2 M 0 | 5 PG 0 | 1 L 0 | 5 PG 1 | 5 M 1 | 2 L 0 | 5 PG 0 |
| 13       | - - - | 1 M 0 | 1 M 0 | 1 L 0 | 5 PG 4 | 3 M 4 | 4 M 0 |
| 14       | - - - | 3 PG 0 | 2 L 0 | - - | - - | - - | - - |
| 15       | 4 PG 0 | 4 PG 0 | 5 PG 3 | 2 L 0 | 3 PG 0 | 3 PG 0 | 2 L 0 | - - |
| 16       | - - - | 2 M 0 | 5 PG 2 | 2 L 0 | 2 M 0 | 4 PG 2 | 3 - - |
| 17       | 1 L 0 | - - - | 2 M 0 | 2 M 0 | 4 M 3 | 5 PG 0 | 3 M 2 | - - |
| 18       | - - - | 3 PG 0 | - - | 2 PG 0 | 5 PG 1 | 3 L 0 | - - |
| 19       | - - - | 2 M 0 | - - | 1 L 0 | 5 M 1 | 3 L 0 | 2 M 0 |
| 20       | 3 PG 5 | - - | 2 PG 5 | - - | - - | - - | - - |
| 21       | 2 PG 0 | 2 PG 0 | 4 PG 0 | 2 L 0 | 2 M 0 | 3 M 2 | 3 M 2 |
| 22       | - - - | 2 M 0 | - - | - - | - - | - - | - - |
| 23       | - - - | 2 M 0 | - - | - - | - - | - - | - - |
| 24       | - - - | - - | - - | - - | - - | - - | - - |

IS = inflammation score. IT = inflammation type. BI = bacterial index grade. PG = (pyo)granulomatous. M = mixed (pyo)granulomatous and lymphoplasmacytic inflammation. L = lymphoplasmacytic inflammation. NP = not present. - = not graded due to no inflammation present.