

1 **Supplementary material**2 **Table 1.** Characteristics of the *Chlamydia* spp. positive cases (Supplementary data)

| ID <sup>&amp;</sup> | Bird Species              | Location | Sample<br>type | Age      | Symptomatic<br>or asymptomatic  | Chlamydial<br>species | GenBank<br>accession<br>number |
|---------------------|---------------------------|----------|----------------|----------|---|-----------------------|--------------------------------|
| 235                 | <i>Myopsitta monachus</i> | Quilmes  | swab           | 2 months | Dh <sup>a</sup> , YGF <sup>b</sup> , L <sup>c</sup> , RF <sup>d</sup> | <i>C. psittaci</i>    | KT936531                       |
| 236                 | <i>Amazona aestiva</i>    | Quilmes  | swab           | 15 years | Asymptomatic  | <i>C. psittaci</i>    | KT936532                       |
| 248                 | <i>Amazona aestiva</i>    | Quilmes  | swab           | 6 months | Dh <sup>a</sup> , YGF <sup>b</sup> , L <sup>c</sup> , Cx <sup>e</sup> | <i>C. psittaci</i>    | KT936533                       |
| 249L                | <i>Amazona aestiva</i>    | Quilmes  | swab           | 6 months | Asymptomatic  | <i>C. psittaci</i>    |                                |
| 249M                | <i>Amazona aestiva</i>    | Quilmes  | swab           | 6 months | Asymptomatic  | <i>C. psittaci</i>    | KT936534                       |
| 255                 | <i>Myopsitta monachus</i> | Quilmes  | swab           | 2 years  | Ax <sup>f</sup> , ND <sup>g</sup> , Sg <sup>h</sup> , D <sup>i</sup>  | <i>C. psittaci</i>    |                                |

|       |                              |          |            |          |  |                    |          |
|-------|------------------------------|----------|------------|----------|--|--------------------|----------|
| 253   | <i>Amazona aestiva</i>       | Quilmes  | swab       | 3 years  | Asymptomatic   | <i>C. abortus</i>  | KU258192 |
| 261   | <i>Myopsitta monachus</i>    | La Plata | swab       | 7 months | Cj <sup>j</sup>  | <i>C. psittaci</i> | KT936535 |
| 267   | <i>Myopsitta monachus</i>    | La Plata | swab       | 5 months | Cj <sup>j</sup> , Ss <sup>k</sup>  | N/D                |          |
| 273   | <i>Amazona aestiva</i>       | La Plata | swab       | 8 months | Dh <sup>a</sup> , YGF <sup>b</sup> , D <sup>i</sup> , L <sup>c</sup> , RF <sup>d</sup> | <i>C. psittaci</i> | KT936536 |
| 283   | <i>Myopsitta monachus</i>    | La Plata | swab       | 7 months | Cj <sup>j</sup> , Cx <sup>e</sup> , L <sup>c</sup>                                     | <i>C. abortus</i>  | KU258193 |
| 289   | <i>Nymphicus hollandicus</i> | Quilmes  | swab       | 2 years  | Cj <sup>j</sup> , D <sup>i</sup> , Ss <sup>k</sup> , Sg <sup>h</sup>                   | <i>C. psittaci</i> | KU258188 |
| 290   | <i>Myopsitta monachus</i>    | La Plata | swab       | 1 year   | Cx <sup>e</sup> , L <sup>c</sup>   | <i>C. psittaci</i> | KU258189 |
| 291   | <i>Myopsitta monachus</i>    | La Plata | swab       | 8 months | Asymptomatic   | <i>C. abortus</i>  | KU258194 |
| 299   | <i>Amazona aestiva</i>       | Quilmes  | swab       | 16 years | Cj <sup>j</sup> , Dh <sup>a</sup> , YGF <sup>b</sup> ,                                 | <i>C. abortus</i>  | KU258195 |
| 10400 | <i>Myopsitta monachus</i>    | La Plata | organ pool | 8 months | Cj <sup>j</sup> , D <sup>i</sup> , ND <sup>g</sup> , L <sup>c</sup>                    | <i>C. psittaci</i> |          |
| 320   | <i>Cyanoliseus patagonus</i> | Berisso  | swab       | 2 years  | Asymptomatic   | <i>C. psittaci</i> |          |

|       |                           |                  |            |           |   |                    |          |
|-------|---------------------------|------------------|------------|-----------|---|--------------------|----------|
| 321   | <i>Myopsitta monachus</i> | Berisso          | swab       | 8 months  | L <sup>c</sup> , RF <sup>d</sup>                                      | <i>C. psittaci</i> | KU258191 |
| 10650 | <i>Amazona aestiva</i>    | La Plata         | organ pool | 4 months  | Dh <sup>a</sup> , YGF <sup>b</sup> , L <sup>c</sup>                   | N/D                |          |
| 331   | <i>Myopsitta monachus</i> | Quilmes          | swab       | 6 months  | Cj <sup>j</sup>   | <i>C. psittaci</i> |          |
| 334   | <i>Amazona aestiva</i>    | Quilmes          | swab       | 2 months  | Cj <sup>j</sup>   | N/D                |          |
| 338   | <i>Amazona aestiva</i>    | Quilmes          | swab       | 2 months  | Dh <sup>a</sup> , YGF <sup>b</sup>                                    | <i>C. psittaci</i> | KU258190 |
| 346   | <i>Myopsitta monachus</i> | Florencio Varela | swab       | 10 months | Cj <sup>j</sup> , L <sup>c</sup> , RF <sup>d</sup>                    | N/D                |          |
| 348   | <i>Amazona aestiva</i>    | Quilmes          | swab       | 3 months  | Ax <sup>f</sup> , Dh <sup>a</sup> , YGF <sup>b</sup> , L <sup>c</sup> | <i>C. psittaci</i> |          |
| 351   | <i>Myopsitta monachus</i> | Quilmes          | swab       | 10 months | Cj <sup>j</sup> , Ss <sup>k</sup>                                     | <i>C. psittaci</i> |          |
| 9949  | <i>Myopsitta monachus</i> | La Plata         | organ pool | 7 months  | Cj <sup>j</sup> , D <sup>i</sup> , ND <sup>g</sup> , L <sup>c</sup>   | <i>C. psittaci</i> |          |
| 358   | <i>Amazona aestiva</i>    | La Plata         | swab       | 2 years   | Asymptomatic  | <i>C. psittaci</i> |          |

3 <sup>&</sup> Prefix: LADEAP-A-; <sup>a</sup> Dh, diarrhea; <sup>b</sup> YGF, yellow-green faeces; <sup>c</sup> L, lethargy; <sup>d</sup> RF, ruffled feathers; <sup>e</sup> Cx, cachexia. <sup>f</sup> Ax, anorexia;

4 <sup>g</sup> ND, nasal discharge; <sup>h</sup> Sg, sneezing; <sup>i</sup> D, dyspnea; <sup>j</sup> Cj, conjunctivitis; <sup>k</sup> Ss, sinusitis.