# S2 Appendix. Additional results tables.

## S2.1 Table. IS*2404* PCR results from mosquitoes opportunistically collected during Essendon possum trapping, December 2022.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample ID** | **Ct Replicate 1** | **Ct Replicate 2** | **Ct average** | **Result outcome** |
| Mosquito 1 | 33.4 | 34.5 | 33.9 | Positive |
| Mosquito 2 | 36.9 | 37.1 | 37.0 | Positive |
| Mosquito 3 | Negative | Negative | N/A | Negative |
| Mosquito 4 | Negative | Negative | N/A | Negative |
| Mosquito 5 | Negative | Negative | N/A | Negative |
| Mosquito 6 | 39.4 | Negative | N/A | Equivocal |
| Mosquito 7 | Negative | Negative | N/A | Negative |

**S2.2 Table. Statistical comparison of possums with at least one PCR positive sample (‘clinical BU’ and ‘infected’) and with no PCR positive samples (‘uninfected’).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Possum species** | **PCR positive** | **PCR negative** | **Totals** | **Odds** | **Odds ratio  (95% CI)** | **P value** |
| CRT | 16 | 4 | 20 | 4 | 8 (1.06-60.33) | 0.051 |
| CBT | 2 | 4 | 6 | 0.5 |
| TOTALS | 18 | 8 | 26 |  |  |  |

CRT= common ringtail possum; CBT= common brushtail possum; CI= confidence interval