**Supplementary Table S3**. Cefas historical carrier samples from infected North American crayfish (signal crayfish – *P. leniusculus*) collected from various locations in water courses in England and Wales (UK). The samples tested positive for *A. astaci* by qPCR (Tuffs and Oidtmann, unpublished data), following Vrålstad *et al*. (2009). PCR forming units (PFU) and agent level (A) classification estimated following Vrålstad *et al*. (2009).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Population** | **Location** | **Animal number** | **Ct mean** | **DNA quantity (ng)** | **Agent level** | **PFU** |
| III | River Lee | 13-telson | 31.93804 | 0.000395 | A2 | 12.47 |
| III | River Lee | 28-cuticle | 35.0575 | 0.000141 | A1 | 4.45 |
| IV | River Ash | 30-telson | 36.2372 | 0.000334 | A2 | 10.55 |
| VII | Tetbury Avon | 26-telson | 37.4973 | 0.000365 | A2 | 11.53 |
| VIII | Hamps | 6-telson | 37.0562 | 0.000082 | A1 | 2.59 |
| IX | Bently Brook | 6-cuticle | 28.3677 | 0.005057 | A3 | 159.69 |
| XIV | Bachaway | 16-cuticle | 36.0431 | 0.000023 | A1 | 0.73 |
| XIV | Bachaway | 19-cuticle | 34.9827 | 0.000022 | A1 | 0.69 |
| XV | River Wid | 2-cuticle | 31.2817 | 0.000173 | A2 | 5.46 |
| XV | River Wid | 8-cuticle | 31.2096 | 0.000252 | A2 | 7.96 |
| XVI | River Wharfe | 2-cuticle | 34.1255 | 0.000074 | A1 | 2.34 |
| XVI | River Wharfe | 8-cuticle | 33.0347 | 0.00009 | A1 | 2.84 |
| XVII | River Evenlode | 6a1-cuticle | 36.6282 | 0.000044 | A1 | 1.39 |
| XVII | River Evenlode | 9a2-cuticle | 34.6151 | 0.000094 | A1 | 2.97 |
| XVIII | River Thame | 14a2-cuticle | 32.6632 | 0.000245 | A2 | 7.74 |
| XVIII | River Thame | 16a1-cuticle | 32.9202 | 0.000248 | A2 | 7.83 |