**Supplementary Table 1:** Organisms detected for the 65 bacterial organisms identified by culture and whether these were positive by PCR. There were an additional four cases that were culture negative (*Abiotrophia defectiva*, *Streptococcus mitis*, *Staphylococcus spp.* & *Bradyrhizobium spp.*) and one case that was positive for PCR and not cultured (*Klebsiella spp.*)

| Organism                             | Number of cases | 16S rRNA positive | Organism-specific PCR positive | Comment                                                                 |
|--------------------------------------|-----------------|-------------------|------------------------------|-------------------------------------------------------------------------|
| *Stenotrophomonas maltophilia*       | 1               | 0                 | 0                            |                                                                         |
| *Staphylococcus aureus*              | 6               | 0                 | 0                            |                                                                         |
| *Staphylococcus epidermidis*         | 11              | 0                 | 1                            | 3 mixed infections with *Acanthamoeba* DNA detected by PCR               |
| *Streptococcus pneumoniae*           | 8               | 1                 | 2                            |                                                                         |
| *Corynebacterium amylolatum*         | 1               | 0                 | 0                            |                                                                         |
| *Achromobacter xylosoxidans*         | 1               | 0                 | 0                            |                                                                         |
| *Pseudomonas aeruginosa*             | 9               | 3                 | 0                            |                                                                         |
| *Staphylococcus wameri*              | 2               | 0                 | 0                            | 1 mixed infection with *Acanthamoeba* cysts on culture                  |
| *Moraxella nonliqueficiens*          | 1               | 0                 | 0                            |                                                                         |
| *Moraxella catarrhalis*              | 1               | 0                 | 0                            |                                                                         |
| Staph. capitis                       | 7               | 0                 | 0                            | 1 PCR for HSV DNA                                                       |
| *Mycobacterium abscessus*            | 1               | 0                 | 0                            |                                                                         |
| *Acinetobacter lwoffii*              | 1               | 0                 | 0                            |                                                                         |
| *Acinetobacter parvus*               | 2               | 0                 | 0                            |                                                                         |
| *Strep. oralis*                      | 2               | 2                 | 0                            |                                                                         |
| *Pseudomonas spp.*                   | 1               | 0                 | 0                            |                                                                         |
| *Corynebacterium afermentans*        | 1               | 0                 | 0                            |                                                                         |
| *Beta haemolytic Streptococcus spp.*| 1               | 0                 | 0                            |                                                                         |
| *Enterococcus spp.*                  | 1               | 0                 | 0                            |                                                                         |
| *Corynebacterium propinquum*         | 1               | 0                 | 0                            |                                                                         |
| *Pseudomonas oryzzihabitans*         | 1               | 0                 | 0                            |                                                                         |
| *Corynebacterium spp.*               | 1               | 0                 | 0                            |                                                                         |
| *Entero cloacae*                     | 1               | 0                 | 0                            | 1 mixed infection with *Acanthamoeba* DNA detected by PCR               |
| Coagulase negative *Staph. spp.*     | 1               | 0                 | 0                            | 1 mixed infection with *Acanthamoeba* DNA detected by PCR               |
| *Staphylococcus haemolyticus*        | 1               | 0                 | 0                            | 1 mixed infection with *Acanthamoeba* DNA detected by PCR               |
| *Moraxella lacunata*                 | 1               | 1                 | 0                            |                                                                         |

rRNA: ribosomal RNA; PCR: polymerase chain reaction; HSV: herpes simplex virus