**Supplemental Table 4.** Bacterial species isolated from lung tissue, bronchoalveolar lavage, and peritoneal fluid of iLA-activve®, I‑lung® and sham operated pigs, respectively.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Lung Tissue** | **Bronchoalveolar Lavage** | **Peritoneal Fluid** |
| **Bacterial species** | iLA-activve | I-lung | Sham | iLA-activve | I-lung | Sham | iLA-activve | I-lung | Sham |
| *Acinetobacter calcoaceticus* | – | –  | –  | 1 | –  | –  | –  | –  | –  |
| *Actinobacillus suis* | –  | 1 | –  | –  | –  | –  | –  | –  | –  |
| *Bacillus cereus* | –  | –  | –  | 1 | –  | –  | –  | 1 | –  |
| *Clostridium glycolicum* | 1 | –  | –  | –  | –  | –  | –  | –  | –  |
| *Enterococcus cecorum* | 1 | –  | –  | –  | –  | –  | –  | –  | –  |
| *Enterococcus faecium* | 1 | –  | –  | –  | –  | –  | –  | –  | –  |
| *Escherichia coli* | 2 | 2 | 1 | –  | –  | –  | –  | 1 | –  |
| *Fusobacterium necrophorum* | –  | –  | 1 | –  | –  | –  | –  | –  | –  |
| *Myroides species* | –  | –  | –  | –  | 1 | –  | –  | –  | –  |
| *Pasteurella multocida* | 2 | 2 | 2 | 3 | 4 | 2 | 1 | –  | 1 |
| *Proteus vulgaris* | 1 | 1 | –  | –  | –  | –  | –  | –  | –  |
| *Peptoniphilus anaerobius* | –  | 1 | –  | –  | –  | –  | –  | –  | –  |
| *Staphylococcus aureus* | –  | 1 | –  | 1 | –  | –  | –  | –  | –  |
| *Staphylococcus capitis* | 1 | –  | –  | –  | –  | –  | –  | –  | –  |
| *Staphylococcus chromogenes* | –  | 1 | –  | –  | –  | –  | –  | 1 | –  |
| *Staphylococcus simulans* | –  | –  | 1 | –  | –  | –  | –  | –  | 1 |
| *Streptococcus caprae* | –  | 1 | –  | –  | –  | –  | –  | –  | –  |
| *Streptococcus oralis/mitis* | –  | 1 | –  | –  | –  | –  | –  | –  | –  |
| *Streptococcus porcinus* | –  | –  | –  | –  | 1 | –  | –  | –  | –  |
| *Streptococcus salivarius* | – | 1 | – | – | – | – | – | – | – |
| *Streptococcus suis* | –  | 2 | –  | 1 | 2 | 1 | –  | –  | –  |
| *Spingomonas paucimobilis* | –  | –  | –  | 1 | –  | –  | –  | –  | –  |