

Supplemental table 3. Observed and detected pathogens in biofilms and as planktonic cells in sputum from 29 patients admitted with acute respiratory tract infection and 14 CF patients with chronic infection.

| | Patient ID | Observed biofilm | Observed single cells | No detected pathogen in sputum | Detected pathogen in sputum | <i>S. pneumoniae</i> | <i>H. Influenza</i> | <i>Moraxella sp.</i> | <i>Mycoplasma sp.</i> | <i>N. meningitidis</i> | <i>Klebsiella sp.</i> | <i>P. aeruginosa non mucoïd</i> | <i>P. aeruginosa mucoïd</i> | <i>A. xylosoxidans</i> | <i>S. aureus</i> | <i>M. abscessus</i> | <i>K. pneumoniae</i> | <i>S. Maltophilia</i> | <i>B. multivorans</i> | Mold | |
|------|------------|------------------|-----------------------|--------------------------------|-----------------------------|----------------------|---------------------|----------------------|-----------------------|------------------------|-----------------------|---------------------------------|-----------------------------|------------------------|------------------|---------------------|----------------------|-----------------------|-----------------------|------|--|
| CAP | 2 | 008 | | | X | | | | | | | | | | | | | | | | |
| | 4 | 057 | X | X | X | | | | | | | | | | | | | | | | |
| | 6 | 062 | X | X | X | | | | | | | | | | | | | | | | |
| | 8 | 064 | X | X | | X | | X | | | | | | | | | | | | | |
| | 10 | 069 | X | X | X | | | | | | | | | | | | | | | | |
| | 12 | 079 | | | X | | | | | | | | | | | | | | | | |
| | 14 | 087 | X | X | | X | X | | | | | | | | | | | | | | |
| | 16 | 089 | X | X | | X | | X | | | | | | | | | | | | | |
| | 20 | 106 | X | X | X | | | | | | | | | | | | | | | | |
| | 22 | 110 | X | X | | X | | | | | | | | | | | | | | | |
| | 24 | 114 | X | X | X | | | | | | | | | | | | | | | | |
| | 26 | 120 | X | X | | X | | | X | | | | | | | | | | | | |
| | 28 | 128 | X | X | | X | X | | | | | | | | | | | | | | |
| | 29 | 129 | X | X | | X | X | | | | | | | | | | | | | | |
| | 30 | 131 | X | X | X | | | | | | | | | | | | | | | | |
| 31 | 132 | X | X | | X | | | | X | | | | | | | | | | | | |
| COPD | 32 | 136 | X | X | | X | | | | | X | X | | | | | | | | | |
| | 33 | 140 | X | X | | X | X | | | | | | | | | | | | | | |
| | 34 | 100 | X | X | | X | X | X | | | | | | | | | | | | | |
| | 35 | 103 | | | X | | | | | | | | | | | | | | | | |
| | 36 | 092 | X | X | X | | | | | | | | | | | | | | | | |
| | 37 | 094 | | | X | | | | | | | | | | | | | | | | |
| | 38 | 137 | X | X | X | | | | | | | | | | | | | | | | |
| | 39 | 013 | X | X | X | | | | | | | | | | | | | | | | |
| | 40 | 122 | X | X | | X | | | | | | | | | X | | | | | | |
| | 41 | 123 | | X | X | | | | | | | | | | | | | | | | |
| | 42 | 090 | X | X | | X | | X | | | | | | | | | | | | | |
| | 45 | 085 | X | X | | X | | | X | | | | | | | | | | | | |
| | 47 | 107 | X | X | x | | | | | | | | | | | | | | | | |