

Table E4

| Sample Name | Sequence Count | Observed Species | Chao1 |
|----------------------------|-----------------------|-------------------------|------------------|
| Extraction Controls | | | |
| h2o1.11.2.223 | 967 | 77 | 83 |
| h2o1.11.2.280 | 1219 | 83 | 103 |
| h2o1.11.4.222 | 1044 | 44 | 51 |
| h2o1.11.5.208 | 456 | 17 | 17 |
| h2o1.12.6.281 | 1028 | 38 | 44 |
| sal1.11.2.224 | 1499 | 46 | 73 |
| sal1.11.4.201 | 525 | 43 | 45 |
| sal1.11.5.209 | 804 | 42 | 48 |
| ss1.11.2.253 | 1273 | 82 | 91 |
| ss1.11.4.272 | 889 | 57 | 61 |
| PSBmetal.12.6.286 | 1790 | 64 | 73 |
| PSBplastic.12.6.285 | 3717 | 64 | 92 |
| Mean (SD) | 1268 (858) | 55 (20) | 65 (25) |
| Scope #1 Prewash | | | |
| 3B06.Bronch1.PreWash | 584 | 54 | 66 |
| 3B07.Bronch1.PreWash | 180 | 33 | 38 |
| 3B08.Bronch1.PreWash | 646 | 45 | 46 |
| 3B09.Bronch1.PreWash | 294 | 23 | 33 |
| 3B10.Bronch1.PreWash | 965 | 44 | 65 |
| 3B11.Bronch1.PreWash | 996 | 48 | 51 |
| Mean (SD) | 611 (335) | 41 (11) | 50 (14) |
| Scope #2 Prewash | | | |
| 3B06.Bronch2.PreWash | 2931 | 103 | 114 |
| 3B07.Bronch2.PreWash | 2636 | 47 | 58 |
| 3B08.Bronch2.PreWash | 573 | 36 | 36 |
| 3B09.Bronch2.PreWash | 662 | 29 | 32 |
| 3B10.Bronch2.PreWash | 231 | 18 | 18 |
| 3B11.Bronch2.PreWash | 271 | 21 | 22 |
| Mean (SD) | 1217 (1228) | 42 (32) | 47 (36) |
| Nasopharyngeal Swab | | | |
| 3B06.NP. | 561 | 78 | 115 |
| 3B07.NP. | 871 | 102 | 143 |
| 3B08.NP. | 5091 | 93 | 195 |
| 3B09.NP. | 4803 | 314 | 563 |
| 3B10.NP. | 2117 | 148 | 189 |
| 3B11.NP. | 65898 | 523 | 1030 |
| Mean (SD) | 13224 (23622) | 210 (176) | 373 (361) |
| Oropharygeal Swab | | | |
| 3B06.OP. | 6079 | 181 | 426 |
| 3B07.OP. | 6322 | 234 | 477 |
| 3B08.OP. | 8335 | 253 | 502 |
| 3B09.OP. | 5259 | 274 | 512 |

| | | | |
|------------------|--------------------|-----------------|-----------------|
| 3B10.OP. | 7818 | 232 | 507 |
| 3B11.OP. | 6115 | 218 | 481 |
| Mean (SD) | 6655 (1069) | 232 (32) | 484 (32) |

Oral Wash

| | | | |
|------------------|--------------------|-----------------|------------------|
| 3B06.OW. | 5580 | 188 | 351 |
| 3B07.OW. | 4930 | 174 | 290 |
| 3B08.OW. | 7967 | 283 | 720 |
| 3B09.OW. | 6277 | 315 | 756 |
| 3B10.OW. | 6706 | 250 | 368 |
| 3B11.OW. | 7523 | 353 | 763 |
| Mean (SD) | 6497 (1049) | 261 (71) | 541 (227) |

Scope #1 Tip Swab

| | | | |
|-----------------------|--------------------|-----------------|-----------------|
| 3B06.Bronch1.TipSwab. | 6830 | 218 | 381 |
| 3B07.Bronch1.TipSwab. | 4226 | 132 | 175 |
| 3B08.Bronch1.TipSwab. | 3109 | 121 | 162 |
| 3B09.Bronch1.TipSwab. | 4108 | 171 | 301 |
| 3B10.Bronch1.TipSwab. | 3351 | 161 | 227 |
| 3B11.Bronch1.TipSwab. | 3808 | 133 | 228 |
| Mean (SD) | 4239 (1224) | 156 (36) | 246 (83) |

Scope #1 PostWash

| | | | |
|------------------------|-------------------|-----------------|-----------------|
| 3B06.Bronch1.PostWash. | 3851 | 140 | 201 |
| 3B07.Bronch1.PostWash. | 3594 | 119 | 145 |
| 3B08.Bronch1.PostWash. | 4909 | 209 | 338 |
| 3B09.Bronch1.PostWash. | 4598 | 195 | 370 |
| 3B10.Bronch1.PostWash. | 5180 | 187 | 315 |
| 3B11.Bronch1.PostWash. | 4913 | 141 | 336 |
| Mean (SD) | 4508 (585) | 165 (36) | 284 (90) |

BAL A 1st Return

| | | | |
|----------------------|--------------------|-----------------|-----------------|
| 3B06.BALA.1stReturn. | 246 | 60 | 119 |
| 3B07.BALA.1stReturn. | 4334 | 151 | 222 |
| 3B08.BALA.1stReturn. | 4472 | 168 | 266 |
| 3B09.BALA.1stReturn. | 3149 | 169 | 227 |
| 3B10.BALA.1stReturn. | 4079 | 152 | 253 |
| 3B11.BALA.1stReturn. | 3996 | 166 | 301 |
| Mean (SD) | 3379 (1463) | 144 (42) | 231 (62) |

BAL A 2nd Return

| | | | |
|----------------------|--------------------|-----------------|-----------------|
| 3B06.BALA.2ndReturn. | 137 | 43 | 57 |
| 3B07.BALA.2ndReturn. | 5111 | 148 | 298 |
| 3B08.BALA.2ndReturn. | 4359 | 131 | 176 |
| 3B09.BALA.2ndReturn. | 727 | 96 | 125 |
| 3B10.BALA.2ndReturn. | 3545 | 139 | 195 |
| 3B11.BALA.2ndReturn. | 2804 | 134 | 236 |
| Mean (SD) | 2781 (1813) | 115 (40) | 181 (84) |

BAL B

| | | | |
|------------------|--------------------|----------------|------------------|
| 3B06.BAL.B. | 610 | 78 | 103 |
| 3B07.BAL.B. | 750 | 68 | 73 |
| 3B08.BAL.B. | 1757 | 93 | 103 |
| 3B09.BAL.B. | 6100 | 243 | 389 |
| 3B10.BAL.B. | 226 | 50 | 67 |
| 3B11.BAL.B. | 190 | 41 | 73 |
| Mean (SD) | 1606 (2076) | 96 (75) | 134 (126) |

PSB

| | | | |
|------------------|--------------------|-----------------|------------------|
| 3B06.PSB. | 626 | 70 | 76 |
| 3B07.PSB. | 3601 | 136 | 318 |
| 3B08.PSB. | 4204 | 128 | 201 |
| 3B09.PSB. | 4990 | 231 | 357 |
| 3B10.PSB. | 4282 | 151 | 211 |
| 3B11.PSB. | 3919 | 160 | 282 |
| Mean (SD) | 3604 (1397) | 146 (52) | 241 (101) |