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**Appendix Table.** Respiratory panel Mass Tag primers

| Target – Masscode<br>FWD/REV | Name FWD          | Sequence                    | Name REV          | Sequence                          | Ref. |
|------------------------------|-------------------|-----------------------------|-------------------|-----------------------------------|------|
| FLUAV-M 618/690              | AM-U151           | CATGGAATGGCTAAAGACAAGACC    | AM-L397           | AAGTGCACCAGCAGAATAACTGAG          | (8)  |
| FLUAV-N1 499/439             | NA1-U1078         | ATGGTAATGGTGTGGATAGGAAG     | NA1-L1352         | AATGCTGCTCCACTAGTCCAG             | (8)  |
| FLUAV-N2 658/730             | NA2-U560          | AAGCATGGCTGCATGTTTGTG       | NA2-L858          | ACCAGGATATCGAGGATAACAGGA          | (8)  |
| FLUAV-HA1 650/590            | HA1-U583          | GGTGTTCATCACCCGTCTAACAT     | HA1-L895          | GTGTTTGACACTTCGCGTCACAT           | (8)  |
| FLUAV-HA2 662/539            | H2A208U27         | GCTATGCAAATAACGGAATYCTCC    | H2A559L26         | TATTGTTGTACGATCCTTTGGCAACC        |      |
| FLUAV-HA3-1<br>586/475       | HA3-U115          | GCTACTGAGCTGGTTCAGAGTTC     | HA3-L375          | GAAGTCTTCATTGATAAACTCCAG          | (8)  |
| FLUAV-HA5 646/395            | HA5hum-u71        | TTACTGTTACACATGCCCAAGACA    | HA5hum-<br>L147   | AGGYTTCCTCCATTTAGATCGCA           |      |
| FLUBV 698/598                | BHA-U188          | AGACCAGAGGGAAACTATGCC       | BHA-L347          | CTGTCGTGCATTATAGGAAAGCAC          | (8)  |
| HCoV-SARS 527/666            | CIID-28891F       | AAGCCTCGCCAAAACGTAC         | CIID-29100R       | AAGTCAGCCATGTTCCCGAA              |      |
| HCoV-229E 670/558            | Taq-Co22-<br>418F | GGCGCAAGAATTCAGAACCA        | Taq-Co22-<br>636R | TAAGAGCCGCAGCAACTGC               |      |
| HCoV-OC43 686/548            | Taq-Co43-<br>270F | TGTGCCTATTGCACCAGGAGT       | Taq-Co43-<br>508R | CCCGATCGACAATGTCAGC               |      |
| RSV A 467/455                | RSA-U1137         | AGATCAACTTCTGTCATCCAGCAA    | RSV-L1192         | GCACATCATAATTAGGAGTATCAAT         | (9)  |
| RSV B 483/479                | RSB-U1248         | AAGATGCAAATCATAAATTCACAGGA  | RSV-1318          | TGATATCCAGCATCTTTAAGTATCTTTATAGTG | (9)  |
| HMPV-1 718/654               | MPV01.2           | AACCGTGTACTAAGTGATGCACTC    | MPV02.2           | CATTGTTTGACCGGCCCCATAA            | (10) |
| HMPV-2 718/654               | MV-Can-<br>U918   | AAGTCCAAAGGCAGGRCTGTTATC    | MV-Can-<br>L992   | CCTGAAGCATTRCCAAGAACAACAC         |      |
| HPIV-1 566/357               | HPIV1-U82         | TACTTTTGACACATTTAGTTCCAGGAG | HPIV1-L167        | CGGTACTTCTTTGACCAGGTATAAATTG      |      |
| HPIV-2 463/590               | HPIV2-U908        | GGACTTGGAAACAAGATGGCCT      | HPIV2-L984        | AGCATGAGAGCYTTTAATTTCTGGA         |      |
| HPIV-3 423/539               | HPIV3-U590        | GCTTTCAGACAAGATGGAACAGTG    | HPIV3-L668        | GCATKATTGACCCAATCTGATCC           |      |
| HPIV 4A 622/606              | HPIV4A-<br>U191   | AACAGAAGGAAATGATGGTGGAAC    | HPIV4A-<br>L269   | TGCTGTGGATGTATGGGCAG              |      |
| HPIV 4B 622/606              | HPIV4B-U194       | AGAAGAAAACAACGATGAGACAAGG   | HPIV4B-           | GTTTCCCTGGTTCACTCTCTTCA           |      |

|   |              |                               |                   |                            |      |
|---|--------------|-------------------------------|-------------------|----------------------------|------|
| Measles 578/562                         | MEA-U1103    | CAAGCATCATGATYGCCATTCCTGG     | L306<br>MEA-L1183 | CCTGAATCYCTGCCTATGATGGGTTT |      |
| Adenovirus 503/630                      | ADV2HEX2F    | CCCMTTYAACCACCACCG            | ADVHEX1R          | ACATCCTTBCKGAAGTTCCA       | (11) |
| Enterovirus 702/495                     | 5UTR-U447    | TCCTCCGGCCCCCTGAATGCGGCTAATCC | 5UTR-L541         | GAAACACGGWCACCCAAAGTASTCG  |      |
| HHV-1 443/706                           | HSV-U27      | CCCGGATGCGGTCCAGACGATTAT      | HSV-L121          | CCCGCGGAGGTTGTACAAAAAGCT   |      |
| HHV-3 515/471                           | VZV-U138     | ACGTGGATCGTCGGATCAGTTGT       | VZV-L196          | TCGCTATGTGCTAAAACACGCGG    |      |
| <i>Legionella pneumophila</i> 678/582   | LegPneu-U149 | GCATWGATGTTARTCCGGAAGCA       | LegPneu-L223      | CGGTAAAGCCAATTGAGCG        |      |
| <i>Chlamydia pneumoniae</i> 519/383     | CLPM1        | CATGGTGTCAATTCGCCAAGT         | CLPM2             | CGTGTCGTCCAGCCATTTTA       | (12) |
| <i>Streptococcus pneumoniae</i> 714/694 | SPPLY-U532   | AGCGATAGCTTTCTCCAAGTGG        | SPPLY-L606        | CTTAGCCAACAAATCGTTTACCG    |      |
| <i>Haemophilus influenzae</i> 734/726   | HINF-U82     | AAGCTCCTTGMATTTTTTTGTATTAGAA  | Hinf-L158         | GCTGAATTGGCTTRGATACCGAG    |      |
| <i>Mycoplasma pneumoniae</i> 602/614    | MTPM1        | CCAACCAAACAACAACGTTCA         | MTPM2             | ACCTTGACTGGAGGCCGTTA       | (12) |

#### Appendix Table References:

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