

Supplementary Table 1 Primer and probe sequences for the virus and human control**genes**

| | Sequences (5' → 3') | Target gene |
|-----------------------------|---|-------------------------|
| Human Rhino virus | F1: GCC TGC GTG GCT GCC R1: CCT GCG TGG CGG CC F2: ACG GAC ACC CAA AGT AGT TGG T R2: ACG GAC ACC CAA AGT AGT CGG T Probe1: FAM-TCC GGC CCC TGA ATG TGG CTA A-MGB Probe2: FAM-TCC GGC CCC TGA ATG CGG CTA A-MGB | 5'UTR |
| Adenovirus | F: GCC SCA GTG GTC TTA CAT GCA CAT C R: GCC ACG GTG GGG TTT CTA AAC TT Probe: VIC-TGC ACC AGA CCS GGR CTC AGG TAC TCC GA-MGB | Hexon |
| Human Bocavirus | F: GGA AGA GAC ACT GGC AGA CAA R: GGG TGT TCC TGA TGA TAT GAG C Probe: FAM- CTG CGG CTC CTG CTC CTG TGA T -TAMRA | Nonstructural protein 1 |
| Human Metapneumovirus | F: GAA GAR ATA GAC AAA GAR GCA AG R: TCC CAC TTC TAT RGT TGA TGC TAG Probe: NED-TCA GCA CCA GAC ACA CC-MGB | Nucleoprotein |
| Respiratory Syncytial Virus | F: GCA AAT ATG GAA ACA TAC GTG AAC A R: GCA CCC ATA TTG TWA GTG ATG CA Probe: FAM-CTT CAC GAA GGC TCC ACA TAC ACA GCW G-MGB | Matrix protein |
| Polyomavirus WU | F: GGC ACG GCG CCA ACT | DNA Binding |

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| | R: CCT GTT GTA GGC CTT ACT TAC CTG TA Probe: FAM-TGC CAT ACC AAC ACA GCT GCT GAG C-TAMRA | Protein Gp5 |
| Polyomavirus KI | F: ACC TGA TAC CGG CGG AAC T R: CGC AGG AAG CTG GCT CAC Probe: VIC-CCA CAC AAT AGC TTT CAC TCT TGG CGT GA | <i>Non-translated region</i> |
| Parainfluenza 3 | F: AGT CAT GTT CTC TAG CAC TCC TAA ATA CA R: ATT GAG CCA TCA TAA TTG ACA ATA TCA A Probe:VIC-AAC TCC CAA AGT TGA TGA AAG ATC AGA TTA TGC A-MGB | Hemagglutinin-neuraminidase |
| Parainfluenza 1 | F: GGC TAA AGA AAA GAC AAG TTG TCA ATG R: TCG GCA CCT AAG TAA TTT TGA GTT A Probe: NED-TAT TTA TCT GAT AGG CCA AAR ATT- MGB | Hemagglutinin-neuraminidase |
| Parainfluenza 2 | F: TGG GGA TAA TAC AAC AAT CTG CTG C R: ACC TCC TGG TAT AGC AGT GAC TGA AC Probe: FAM-CCA TTT ACC TAA GTG ATG GAA TCA ATC GCA AA-MGB | Hemagglutinin-neuraminidase |
| Influenza-B | F: AAA TAC GGT GGA TTA AAY AAA AGC AA R: CCA GCA ATA GCT CCG AAG AAA Probe: VIC-CAC CCA TAT TGG GCA ATT TCC TAT GCC-MGB | Hemagglutinin |
| Influenza-A | F: GAC CRA TCC TGT CAC CTC TGA C R: AGG GCA TTY TGG ACA AAK CGT CTA Probe: FAM-TGC AGT CCT CGC TCA CTG GGC ACG-MGB | Matrix protein 2 |
| Swine Influenza-A | F: GCA CGG TCA GCA CTT ATY CTR AG | Nucleocapsid |

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| | <p>R: GTG RGC TGG GTT TTC ATT TGG TC</p> <p>Probe: NED-CYA CTG CAA GCC CAT ACA CAC AAG CAG GCA-MGB</p> | protein |
| Swine H1 | <p>F: GTG CTA TAA ACA CCA GCC TYC CA</p> <p>R: CGG GAT ATT CCT TAA TCC TGT RGC</p> <p>Probe: VIC-CA GAA TAT ACA TCC RGT CAC AAT TGG ARA A-MGB</p> | Hemagglutinin |
| Human ribonuclease | <p>F: AGA TTT GGA CCT GCG AGC G</p> <p>R: GAG CGG CTG TCT CCA CAA GT</p> <p>Probe: NED-TTC TGA CCT GAA GGC TCT GCG CG-MGB</p> | |
| Human glyceraldehyde-3- P dehydrogenase | <p>F: GCT CCT CCT GTT CGA CAG TCA</p> <p>R: ACC TTC CCC ATG GTG TCT GA</p> <p>Probe: NED-CGT CGC CAG CCG AGC CAC A-MGB</p> | |