**Supplementary file 2**. Primers for real-time qPCR and RNAi experiments

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|  | Primer, 5‘–3’ | |
| Gene | sense | antisense |
| Muc91C | AATGGAGGTTACAGTTCGG | TTGCTGGCATAACCTTGA |
| Muc5ACl | CTCCCGTAGACAACAGCC | TTCCGTGCCTTCTTCATC |
| Muc3A | TGAACCGAATGGTGAGGG | GCTTGTGGATGGCTTTGC |
| RP49 | AAGGCGTTTCAAGGGACA | GGGCACGTTCTACGATTTCT |
| *ds*GFP | TAATACGACTCACTATAGG  AACGGTTCAAAGCTTCCGAC | TAATACGACTCACTATAGG  ATAGCGGTTCGTTCCAATGC |
| *ds*Muc91C | TAATACGACTCACTATAGG  CAAATGGGTATCCGTCAGG | TAATACGACTCACTATAGG  GAGCACCGTATGAAGATGAG |
| Red font indicates T7 promoter sequence. | |  |