**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 | TAATACGACTCACTATAGGAACGGTTCAAAGCTTCCGAC | TAATACGACTCACTATAGGATAGCGGTTCGTTCCAATGC |
| *ds*Muc91C | TAATACGACTCACTATAGGCAAATGGGTATCCGTCAGG | TAATACGACTCACTATAGGGAGCACCGTATGAAGATGAG  |
| Red font indicates T7 promoter sequence. |  |