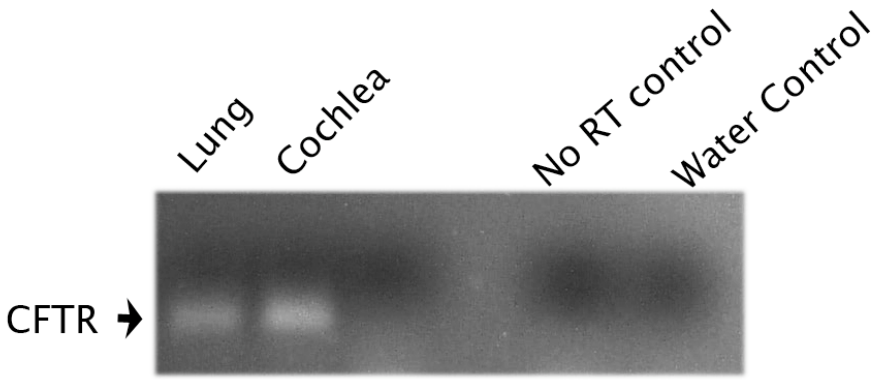

Fig. S1. Analysis of CFTR expression in cochleae using RT-PCR. Agarose gel electrophoresis image of PCR-amplified CFTR cDNA derived from cochlea and lung tissue. 250 ng of total RNA from lung and cochleae tissues were used for reverse transcription (RT) respectively. 2μl of RT-reaction (20 % of total RT-reaction) was used to perform PCR. Half of PCR product was loaded and run on 2% agarose gel. A 259 bp band is expected from the amplicon of an upper primer (match 4306-4329 bp of CFTR sequence) and a lower primer (match 4542-4565 bp). The expected bands were found in lung and cochlea samples, but not in "water control" sample and "No RT control" sample. The " No RT control" has 250 ng cochlear RNA and other RT-PCR components except no Superscript II, RNase H-Reverse Transcriptase during RT reaction.