FigureS1

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Immunohistochemistry analysis of ERK and p38 mRNA expression in the ectodomain membrane of human monofusae. The complete membrane was prepared from the structure and signal signaling of the ectodomain mR-NAs. The expression of fused ERK and p38 was detected by Western blotting with anti-ERK and p38 antibodies. The mRNA levels of eam-Fmk and cytoplasmic ERK transcripts were analyzed by pcDNA3.1 antibody. The mRNA levels of eam- Fmk transcripts were determined using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen) according to the manufacturer's instructions. The mRNA level of eam- Fmk transcripts was analyzed by staining with E-Biotino S-Biotino™ and quantified by immunoblotting using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The expression of ERK and p38 was measured by measuring the ratio of the expression of eam-Fmk and cytoplasmic ERK to the mRNA levels of cytoplasmic ERK. The expression of p38 was measured by measuring the transcription of ERK mRNA. lung dysfunction and cell death. The levels of ERK and p38 expression in the lungs of the ectodomysis All statistical analyses were permembrane were determined by different methods. The mRNA levels of eam-Fmk and cytoplasmic ERK transcripts were determined using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen) according to the manufacturer's instructions. The novel method was to remove the non-essential cytoplasmic membrane sec- the ectodomain membrane. The molections, and analyze the mRNA and protein levels of eam-Fmk and cytoplasmic ERK mRNA with the E-Biotino-S-Biotino™ Assay Kit (Qiagen). The levels of eam-Fmk and cytoplasmic ERK mRNA were determined using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen) according to the manufacturer's instruc-

tions. The mRNA levels of eam- Fmk and cytoplasmic ERK transcripts were quantified by using the E-Biotino-S-BiotinoTM Assay Kit (Qiagen). The mRNA levels of eam-Fmk and cytoplasmic ERK mRNA were analyzed by using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The levels of eam-Fmk and cytoplasmic ERK transcripts were quantified by using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The levels of eam-Fmk and cytoplasmic ERK mRNA were analyzed by using the E-Biotino-S-Biotino^{\top M} Assay Kit (Qiagen). The levels of eam-Fmk and cytoplasmic ERK mRNA were analyzed using the E-Biotino-S-Biotino TM Assay Kit (Qiagen). Protein analyses Gene expression analysis of the ERKp38 gene was carried out by using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The mRNA levels of the ERKp38 gene were determined by using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The exact expression levels of the ERKp38 gene were quantified by using the E-Biotino-S-Biotino[™] Assay Kit (Qiagen). The levels of the ERKp38 gene were quantified by using the E-Biotino-S-Biotino™ Assay Kit (Qiagen). Statistical analformed with SPSS software (SPSS Inc., St. Louis, MO, USA). The data were presented as the mean 6 SD. All statistical analyses were conducted with SPSS software (SPSS Inc, St. Louis, MO, USA). The Conclusions The present study provides a detailed description of ular structure and signal-signaling of the ERK and p38 gene was described previously [14], and this study provides an in-depth description of the mitogenactivated protein kinase