



**Supplementary Figure S3.** Change of BKC pancreata upon ERBB2 depletion in 8-week-old mice. (A) Western blots and (B) corresponding densitometrical analyses of BKC pancreata compared to E2KO;BKC pancreata revealed a significantly decreased SAPK activation and remaining amylase (AMY1) levels in E2KO;BKC mice. Data were analyzed by Student's *t*-test, \**P*<0.05. (C) Immunohistochemical detection of cleaved caspase 3 in pancreata of BKC mice lacking ERBB2 compared to BKC mice demonstrates the activation of apoptosis in acinar clusters upon the loss of ERBB2. Scale bars: 100  $\mu$ m.