



Supplementary Figure 1

Supplementary Figure S1: Effect of CFTR modulators on autophagy in Hek-CFTR null and -ΔF508del cells. LC3I/II expression was evaluated in CFTR-null and -ΔF508del Hek cells. β-actin levels were assessed as internal control of the experiment. The cells were treated with Bafilomycin A1 (Baf, 1 μM) for 4h. After, the cells were treated with Teza (10 μM), Elexa (3 μM), Iva (5 μM) alone or in combinations (ET, ETI) for 24 hours and compared with control/unstimulated cells (NT). Data in (A, B) are representative of at least three independent experiments. In (C), the relative quantification is shown; the data are expressed as means ± SEM (n = 3; C: NT vs. +Baf ****p < 0.0001; Teza vs. +Baf **p: 0.0048; Elexa vs. +Baf ****p < 0.0001; Iva vs. +Baf ***p: 0.0003; ET vs. +Baf **p: 0.0043). Data in (D, E) are representative of at least three independent experiments. In (F), the relative quantification is shown; the data are expressed as means ± SEM (n = 3; C: NT vs. +Baf ***p < 0.0001; Teza vs. +Baf **p: 0.0026; Elexa vs. +Baf ****p < 0.0001; Iva vs. +Baf **p: 0.0088; ET vs. +Baf *p: 0.0472).