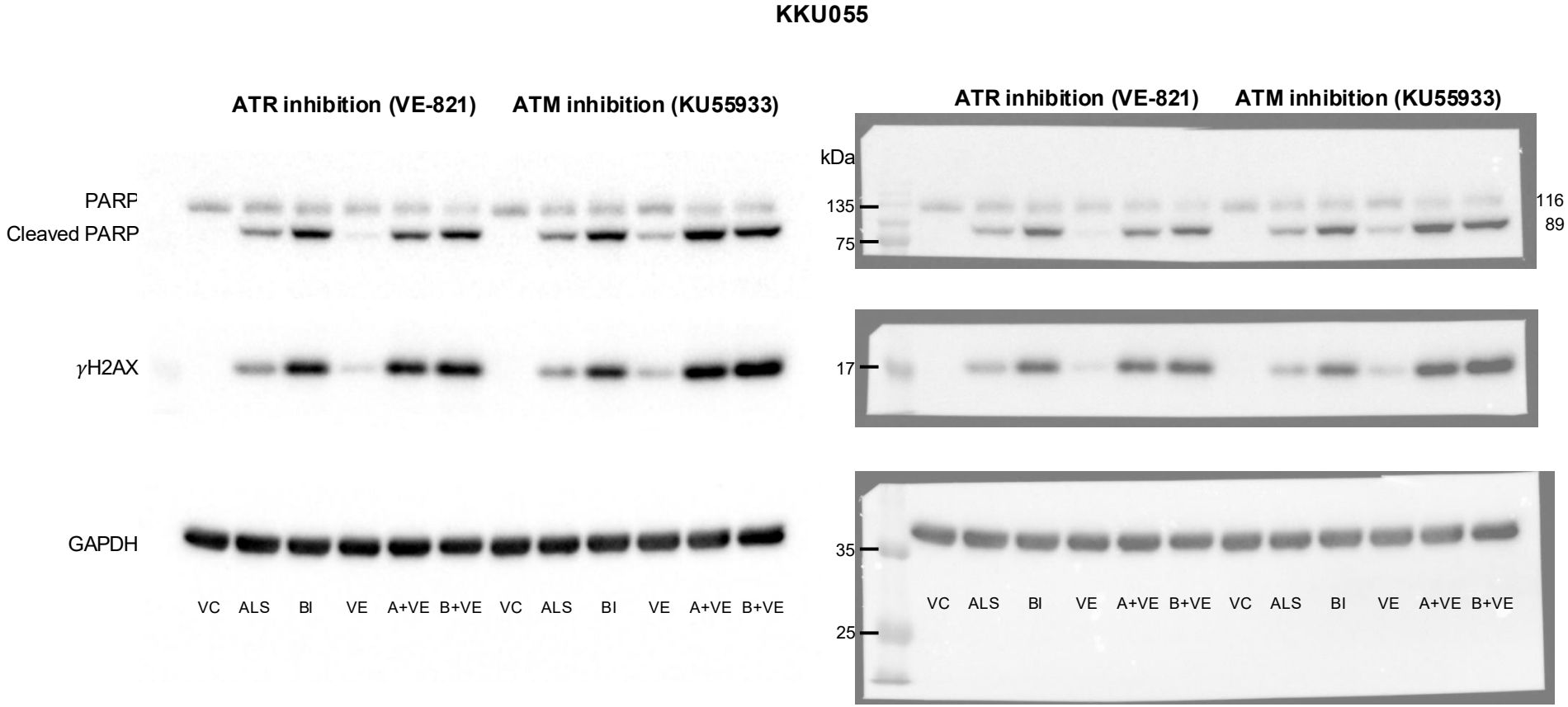
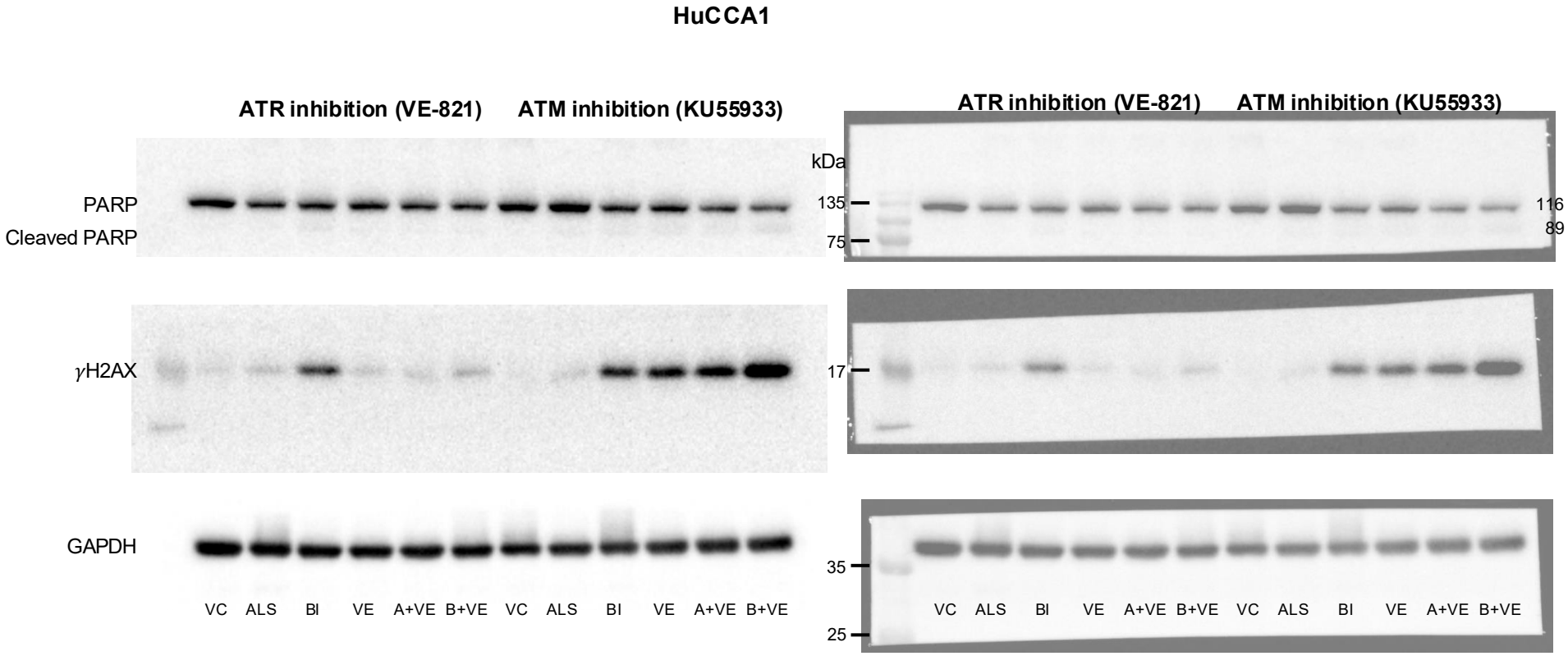
S1



Supplementary Figure S1: Original uncropped membrane section images corresponding to the Western blot data shown in Figure 5A (KKU055 cells). Membranes were sectioned after protein transfer according to the expected molecular weight ranges of the target proteins before antibody incubation. Molecular weight markers are indicated.



Supplementary Figure S2: Original uncropped membrane section images corresponding to the Western blot data shown in Figure 5B (HuCCA1 cells). Membranes were sectioned after protein transfer according to the expected molecular weight ranges of the target proteins before antibody incubation. Molecular weight markers are indicated.

S1

VX680 IC50 (nM)				
Time (h)	**HuCCA1**	**KKU055**	**KKU100**	**KKU213A**
48	1956.33	94.81	557.90	1840.97
72	1175.30	20.33	284.15	541.57

S2

Alisertib IC50 (nM)				
Time (h)	**HuCCA1**	**KKU055**	**KKU100**	**KKU213A**
48	3581.00	93.24	1740.00	1275.00
72	1184.00	33.80	429.30	364.30

Supplementary Table: Extrapolated IC50 values for VX-680 (S1) and alisertib (S2) in cholangiocarcinoma cell lines. IC50 values shown in this table were estimated by nonlinear regression analysis. Values exceeding the highest tested concentration (500 nM) represent extrapolated estimates beyond the experimental dose range and should be interpreted with caution. Accordingly, these values are reported as >500 nM in Figure 1.