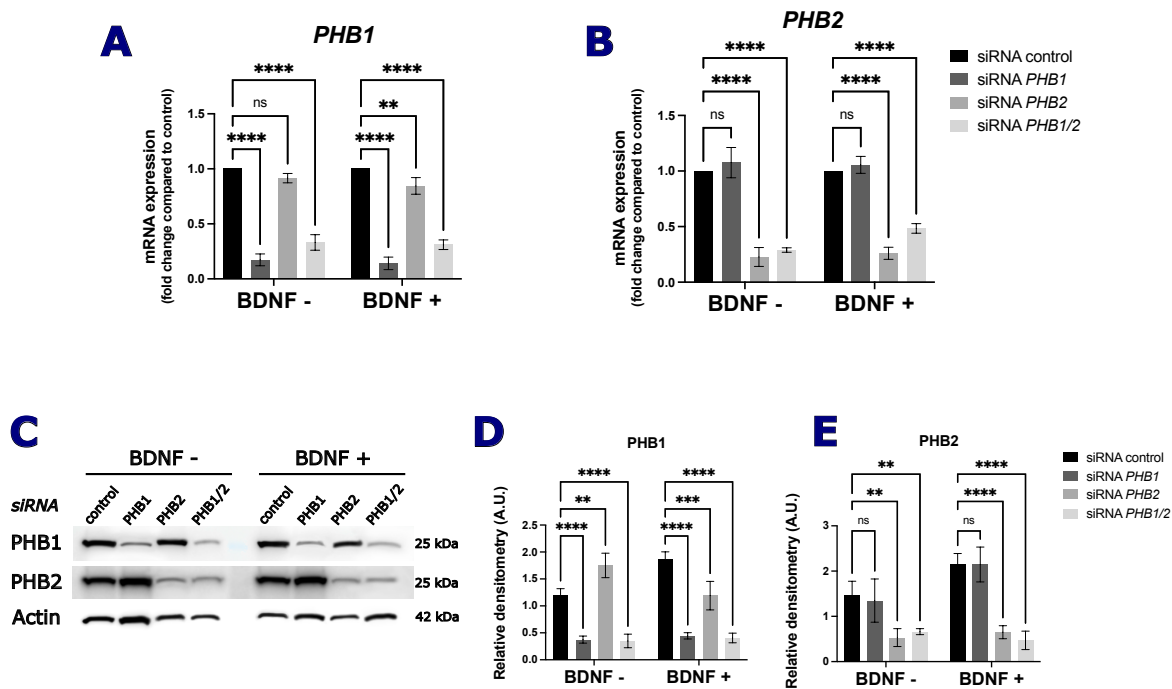


Supplementary data



**Supplementary Figure 1:** Control of the effective inhibition of PHBs mRNA and protein levels following siRNA transfection. PHB1 (A) and PHB2 (B) mRNA expression levels were quantified following siRNA-mediated inhibition PHBs in MEC-1 cells. (C) The relative amount of PHBs proteins was evaluated by western blot analysis following siRNA transfection. (D) Densitometry analysis of the protein levels of PHB1. (E) Densitometry analysis of the protein levels of PHB2. All experiments were conducted in three independent replicates.

**Supplementary Table 1:** Characteristics of the patients whose B cells were used during the study.

Patient ID number	Binet stage	cytogenetics	TP53	IGHV mutation	Total pronostic
1	B	adverse	mutated and deleted (R181C ; R342*)	unmutated, adverse	adverse
2	A	N/A	N/A	N/A	N/A
3	C	adverse	mutated and deleted (C135Y)	mutated, favorable	adverse
4	C	adverse	mutated (R273C ; G244D)	unmutated, adverse	intermediate

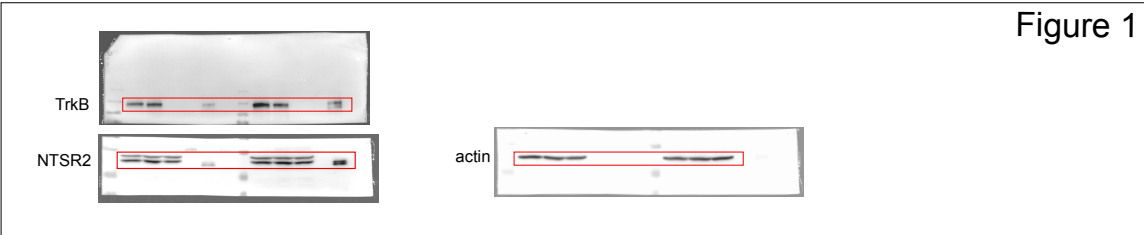


Figure 1

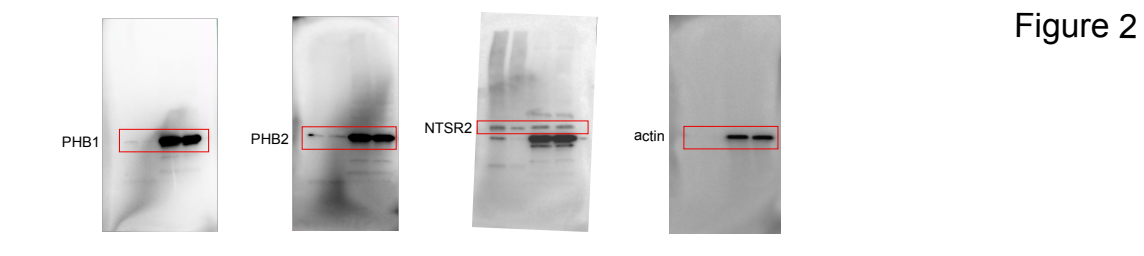


Figure 2



Figure 3

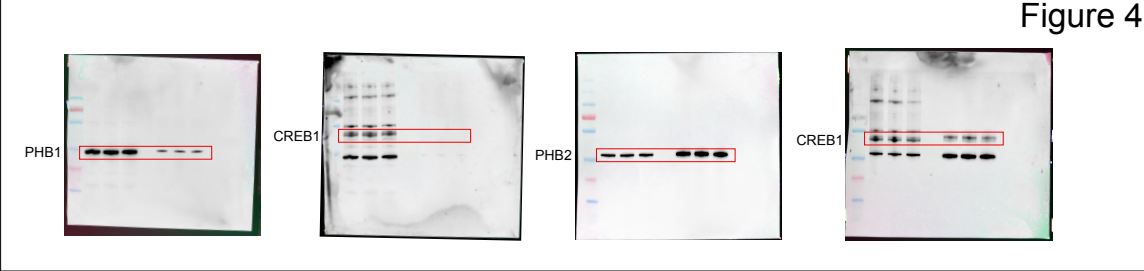


Figure 4

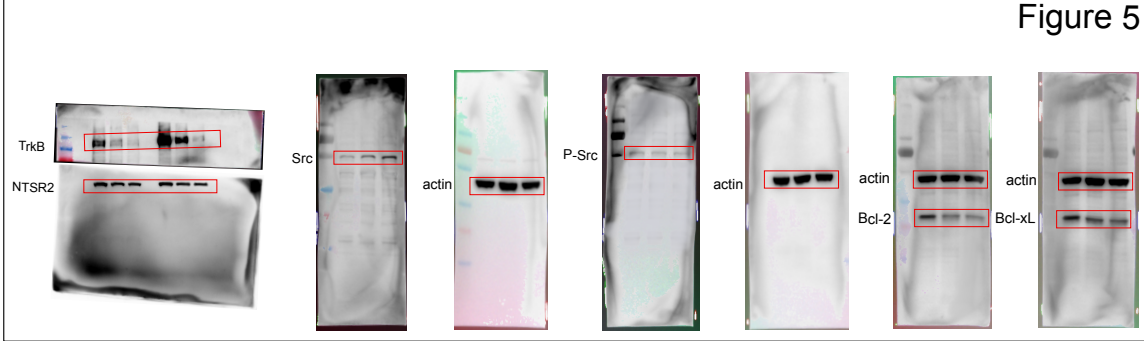
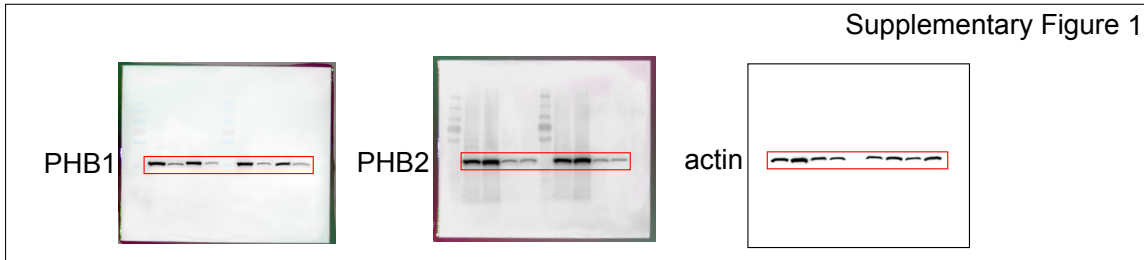


Figure 5



Supplementary Figure 1

**Supplementary Figure 2:** Whole membranes. The cropped versions that are presented in the article are framed in red.