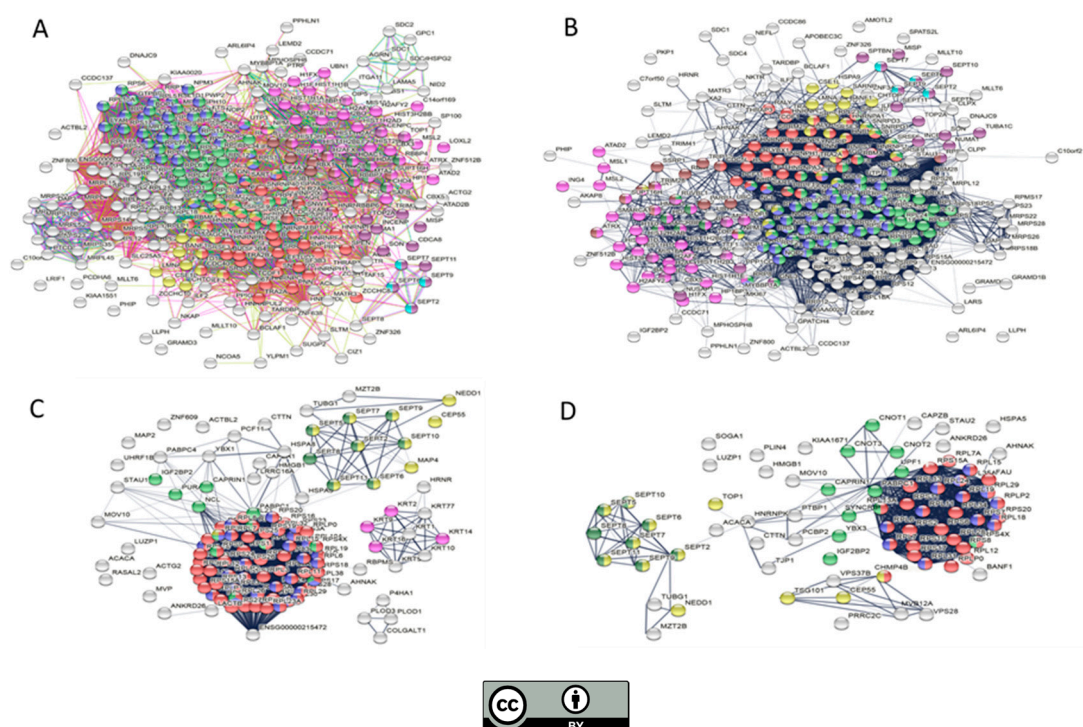


Supplementary Material: HMGB1 Protein Interactions in Prostate and Ovary Cancer Models Reveal Links to RNA Processing and Ribosome Biogenesis through NuRD, THOC and Septin Complexes

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Figure S1. Clustering of proteins that interact with HMGB1 in SKOV-3 and PC-3 cells. (A) in the nuclear fraction of SKOV-3, (B) in the nuclear fraction of PC-3, (C) in the cytoplasmic fraction of SKOV-3, (D) in the cytoplasmic fraction of PC-3. Color code in A and B is as follows: red, mRNA splicing, via spliceosome; dark blue, rRNA processing; green, ribonucleo-protein complex biogenesis; yellow, nuclear transport; pink, chromatin organization; purple cell division; brown, DNA repair; dark green, NuRD complex. Color code in C and D is as follows: red, SRP-dependent co-translational protein targeting to membrane; blue, cytoplasmic translation; green, regulation of translation; yellow, cell division; dark green, septins; pink, intermediate filament cytoskeleton organization. The interactome of HMGB1 partners, reflecting only experimental or data-base recorded interactions, has been constructed with STRING (<https://string-db.org/>, Accessed 10 February 2021).

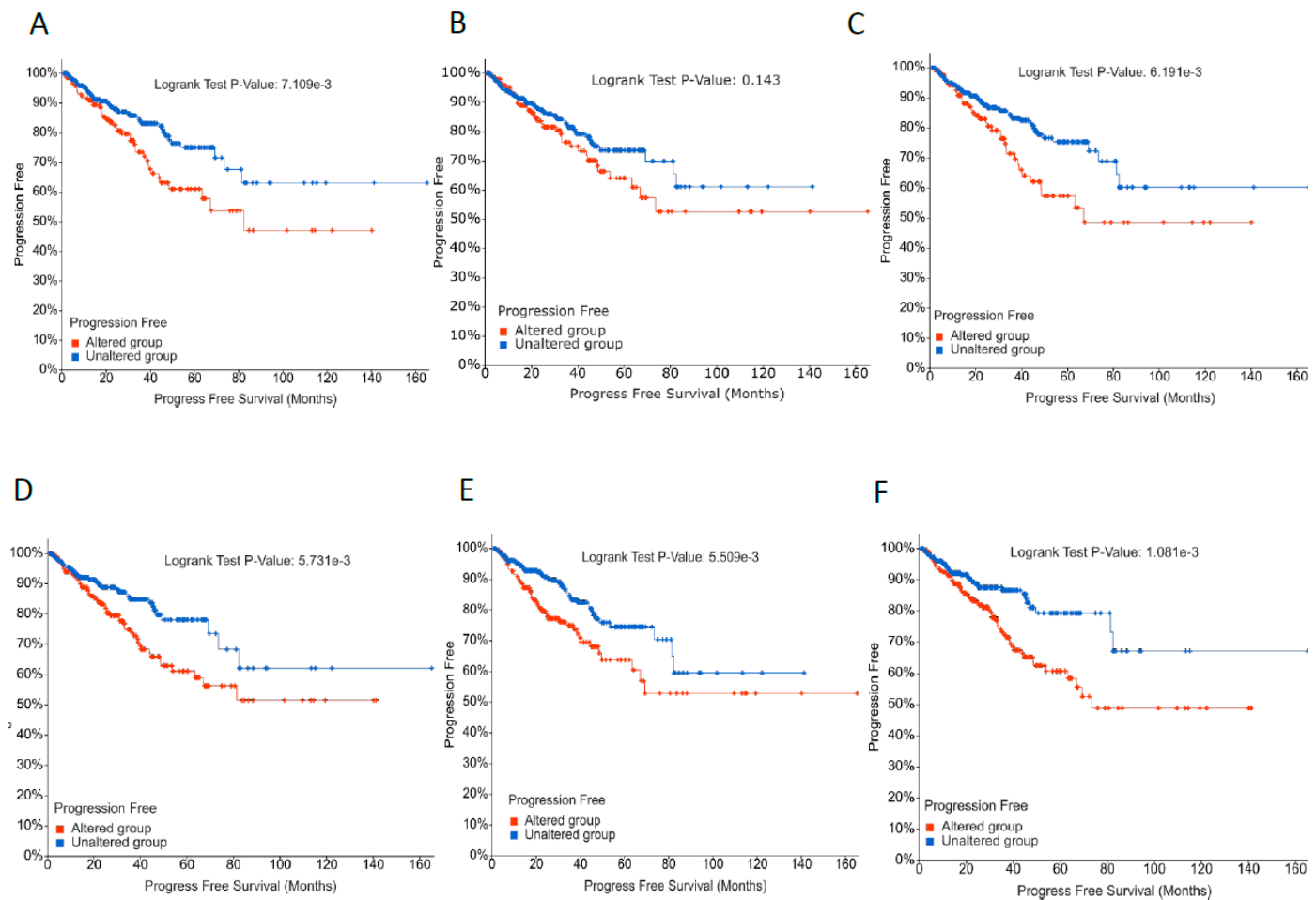
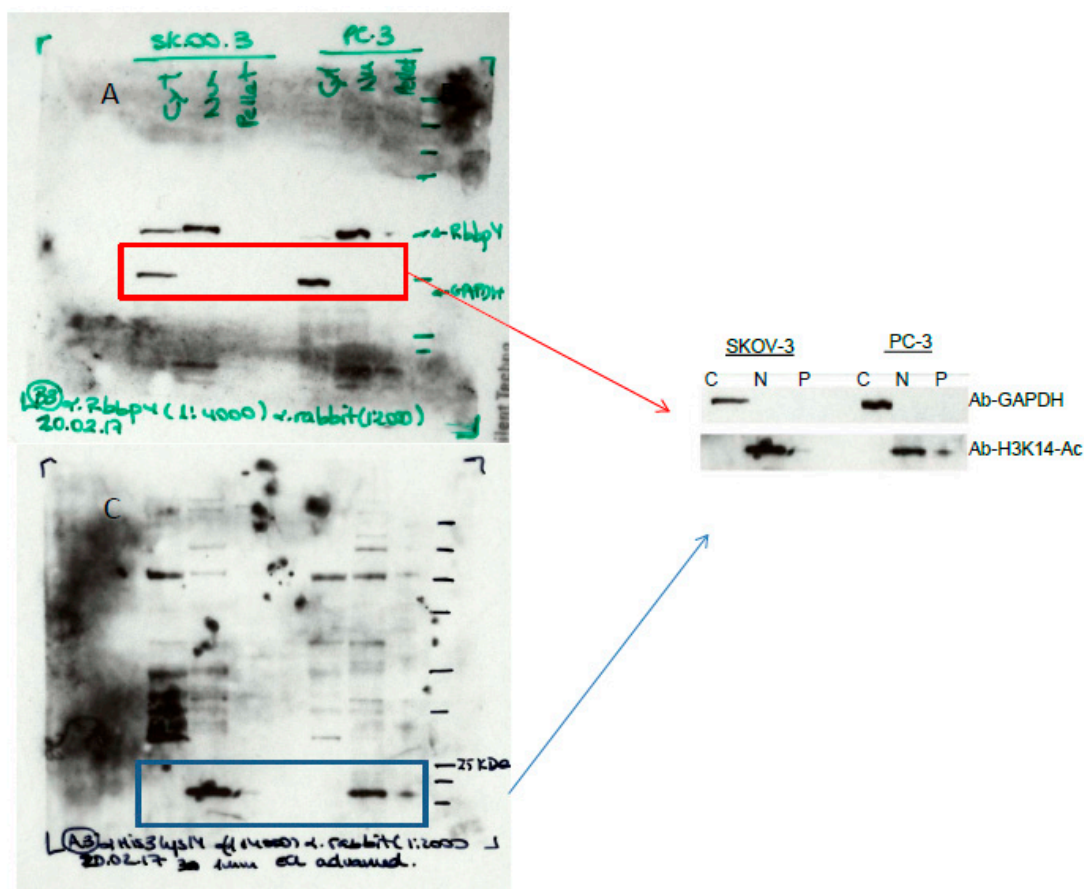
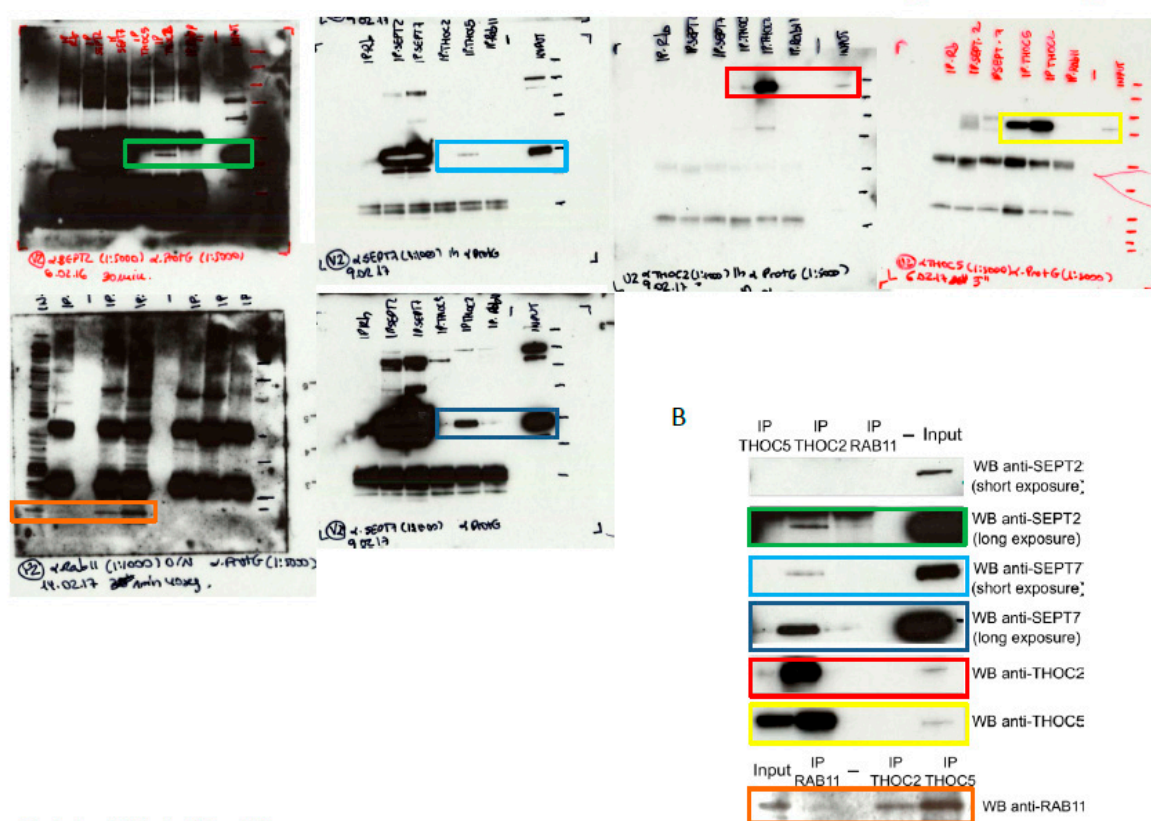


Figure S2. Correlation between high expression of functional groups of genes related to the PC-3 HMGB1 interactome and progression free survival in prostate adenocarcinoma patients. (A) LSU rRNA processing; (B) SSU rRNA processing; (C) 5.8 rRNA processing; (D) Ribonucleoprotein complex assembly; (E) spliceosome catalytic step 2; (F) nucleo-cytoplasmic transport.



Original Blots Fig. 1A



Original Blots Fig. 4A

Figure S3. Original Western Blot.