



Extended Data Fig. 4 Analysis of condensate formation by PABP truncation constructs under HS condition.

a. Structural diagram of EGFP-tagged truncation constructs of PABP, with deletions of three RRM domains or the IDR domains (PABP Δ RRM1, PABP Δ RRM2, PABP Δ RRM3, and PABP Δ IDR). Meanwhile, western blotting was utilized to confirm the expression of EGFP-tagged truncation constructs of PABP.

b-e. EGFP-tagged PABP truncation constructs with RRM domain deletions still form condensates in both the cytoplasm and nucleus under HS condition (b-d), except for PABP Δ IDR-GFP, which shows no condensate formation (e). Scale bar = 20 μ m.