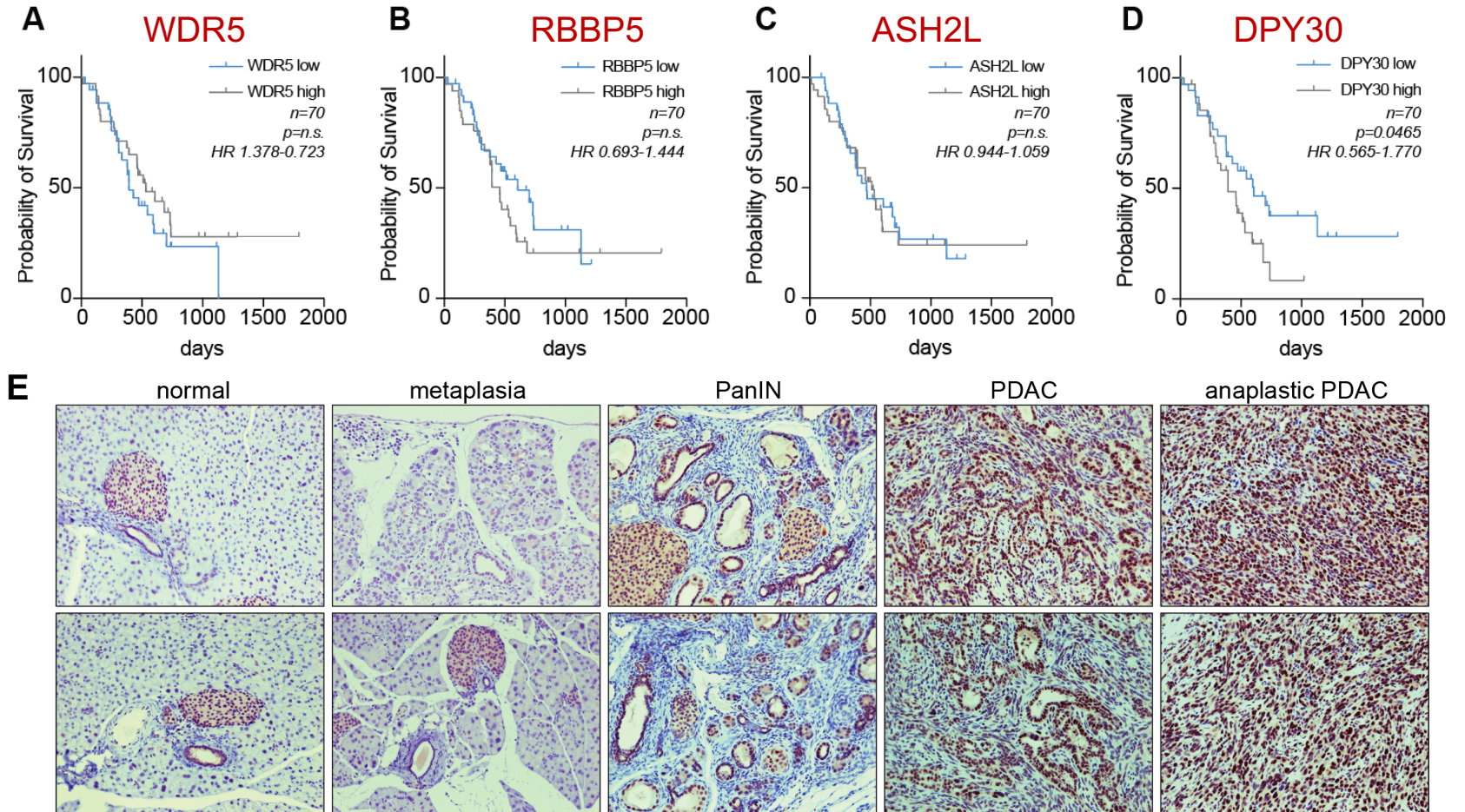


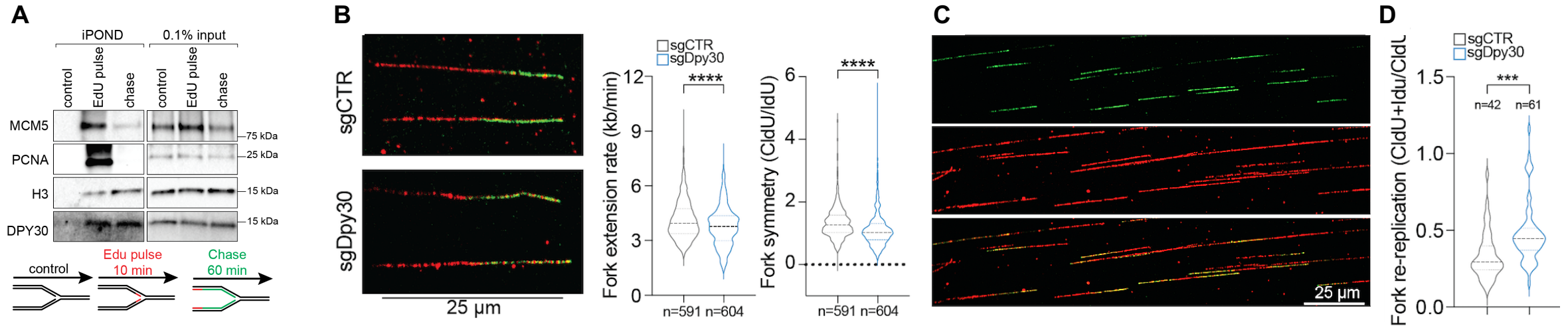
DPY30 loss leads to DNA re-replication and immunoediting in pancreatic ductal adenocarcinoma

1. *DPY30* expression associates with poor prognosis

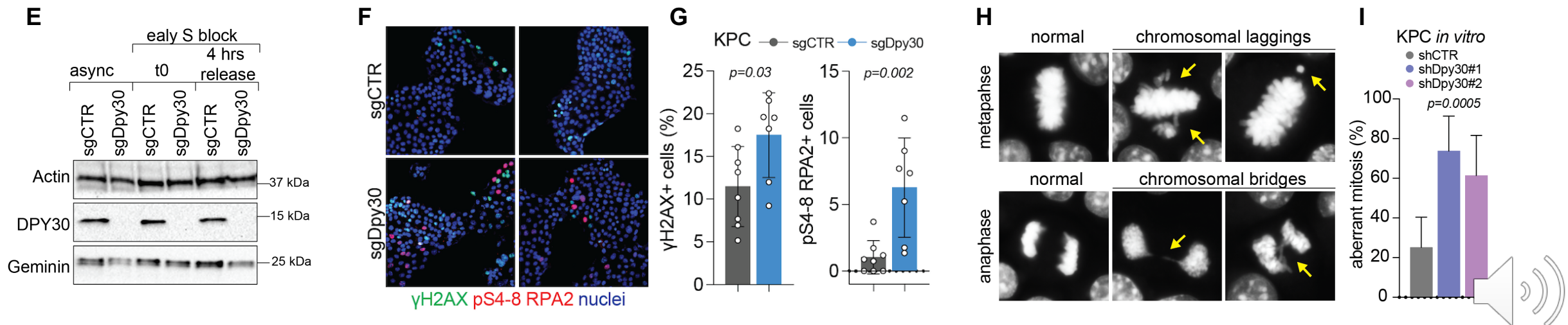
2. In mouse model of PDAC, *DPY30* expression associates with tumor grade



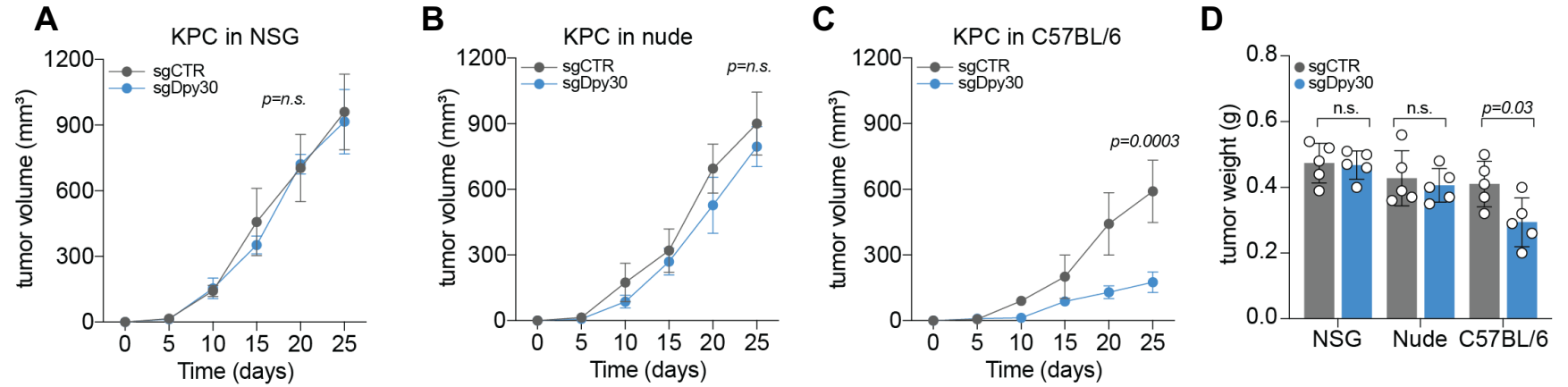
3. DPY30 loss favorites uncoordinated DNA replication



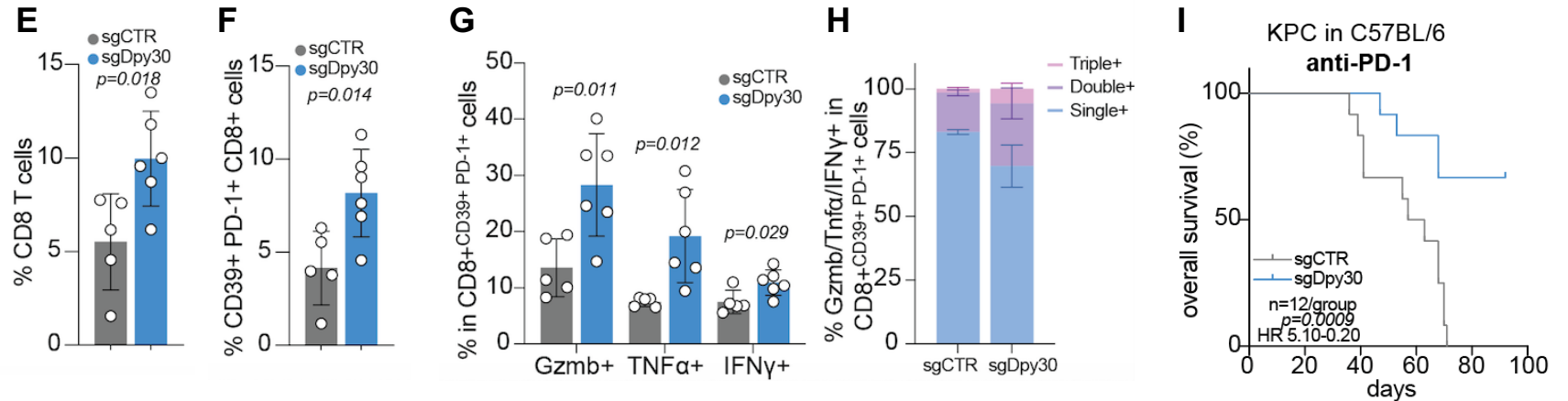
4. DPY30 loss induces DNA damage and chromosomal instability



5. *DPY30 loss impairs tumor growth only in immune-competent mice*



6. *DPY30 knockout tumors display higher CD8+ T cell infiltration and respond better to anti-PD-1*



Conclusions: our findings indicate that, in PDAC, DPY30 promotes genome stability, thus providing a rationale for targeting DPY30 or its effector proteins in combination with immune-checkpoint inhibitors.

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