

Supplementary results

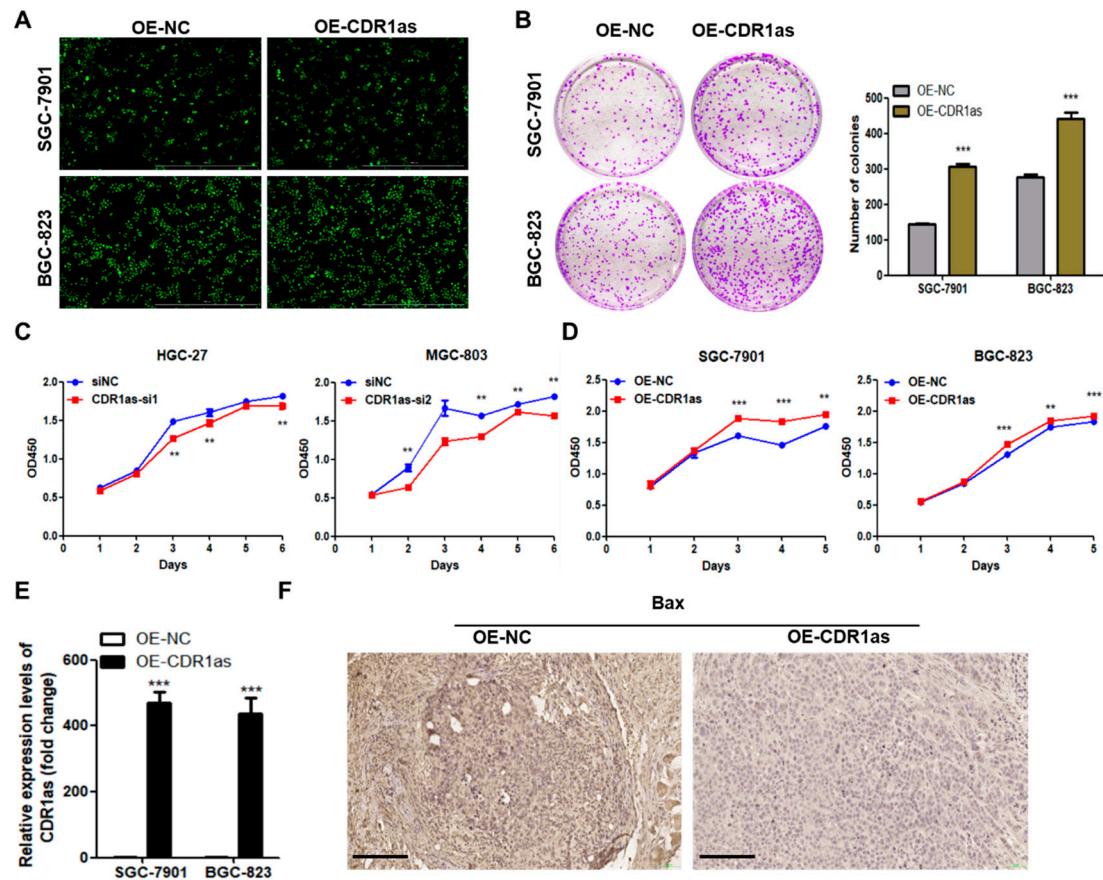


Figure S1 CDR1as promotes GC cell growth. **A** GFP intensities in CDR1as-overexpressing GC cells and corresponding control cells. The scale bar indicates 1000 μm . **B-D** Colony formation assays and CCK8 assays of GC cells after CDR1as overexpression and knockdown. **E** RT-qPCR analysis of CDR1as level in CDR1as-overexpressing cells and control cells. **F** immunostaining of Bax expression of subcutaneous tumor tissues in OE-NC and OE-CDR1as groups. The scale bar indicates 100 μm . (** $p < 0.01$, *** $p < 0.001$)

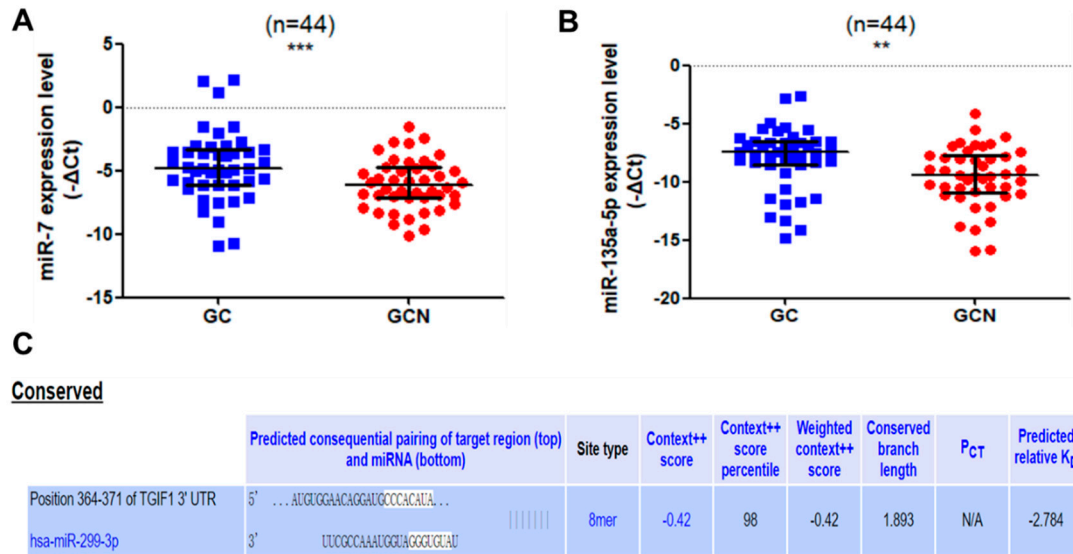


Figure S2 CDR1as acts as a miR-299-3p sponge. **A, B** The expression levels of miR-7 and miR-135a-5p in GC and GCN tissues with RT-qPCR analysis. GCN represents matched noncancerous tissues. **C** Potential interacting sites between miR-299-3p and TGIF1 mRNA predicted by TargetScanHuman. (** $p < 0.01$, *** $p < 0.001$)

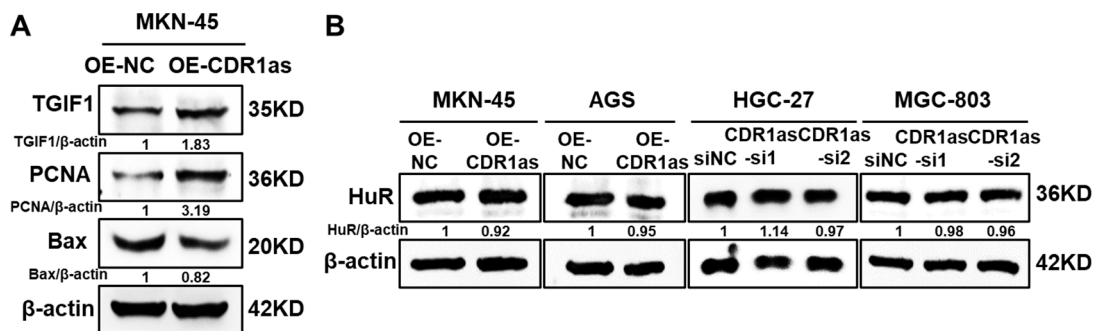


Figure S3 CDR1as upregulates TGIF1 expression. **A** Western blot analysis of TGIF1, PCNA and Bax levels in subcutaneous tumor tissues with CDR1as overexpression. **B** Western blot analysis of HuR protein level after CDR1as overexpression and knockdown.