

Fig. S1 HECW2 knockdown inhibits the proliferation, cell-cycle progression, migration as well as chemoresistance of HT-29 cells. **(A)** K-M curves of CRC patients based on HECW2 expression levels. **(B)** The protein expression levels of HECW2 in CRC cell lines. **(C-E)** The efficiency of HECW2 knockdown and overexpression in CRC cells was validated by western blotting and qRT-PCR. **(F)** The effect of HECW2 knockdown on the proliferation of HT-29 cells. **(G)** The effect of HECW2 knockdown on the cell-cycle progression of HT-29 cells. **(H)** The effect of HECW2 knockdown on the migration of HT-29 cells. **(I-J)** The effect of HECW2 knockdown on the chemoresistance of HT-29 cells.(mean \pm SD, N=3, * P < 0.05, ** P < 0.01, *** P < 0.001)

