

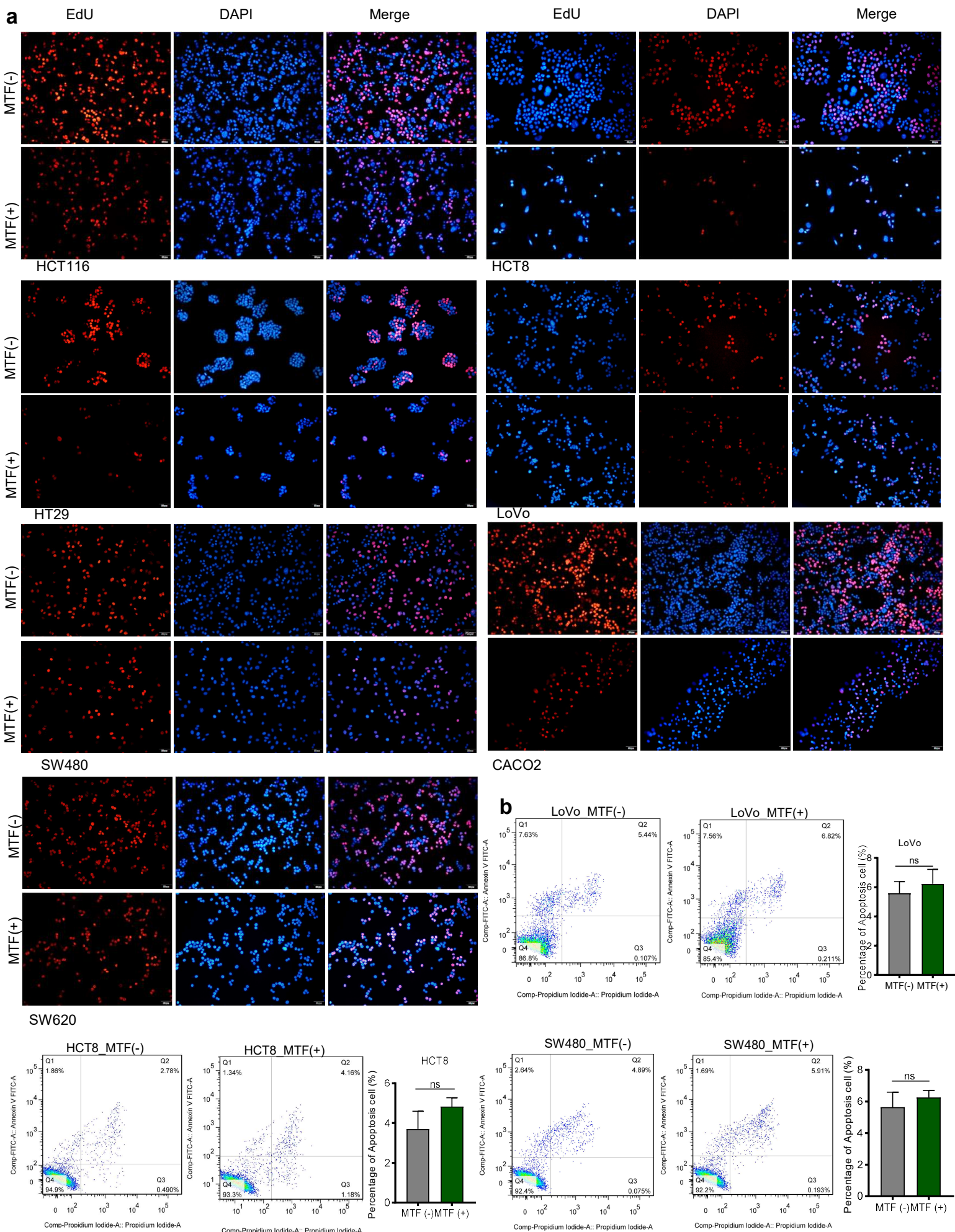
Figure S1

Figure S1 metformin suppressed proliferation of CRC cells. (a) Representative images of EdU staining in 7 CRC cell lines with or without metformin treatment. Magnification: 200 \times . Scale bar: 50 μ m. **(b)** Flow cytometry showing the effect of low dose (10mM) metformin on cell apoptosis

Figure S2

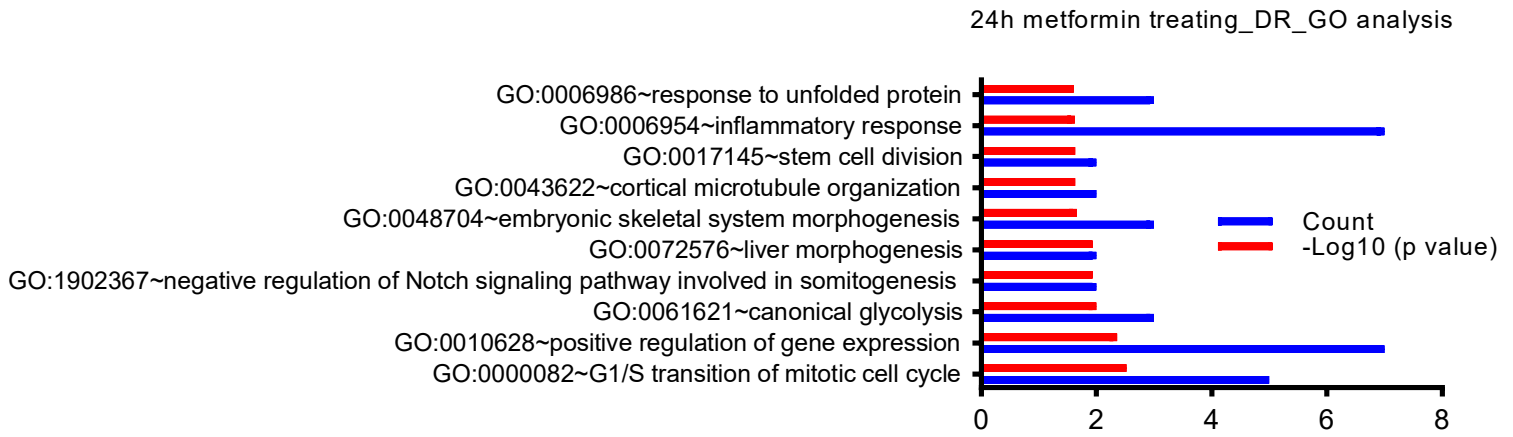


Figure S2 Metformin inhibited G1/S transduction in LoVo cells. GO analyzing the genes downregulated after metformin treating for 24 hours in GSE67342.

Figure S3

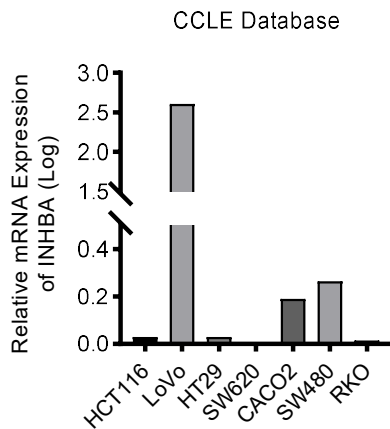


Figure S3 mRNA expression of INHBA in CRC cell lines. Quantitative PCR analysis of INHBA expressing in CRC cell lines. Data from Cancer Cell Line Encyclopedia (CCLE) database.

Figure S4

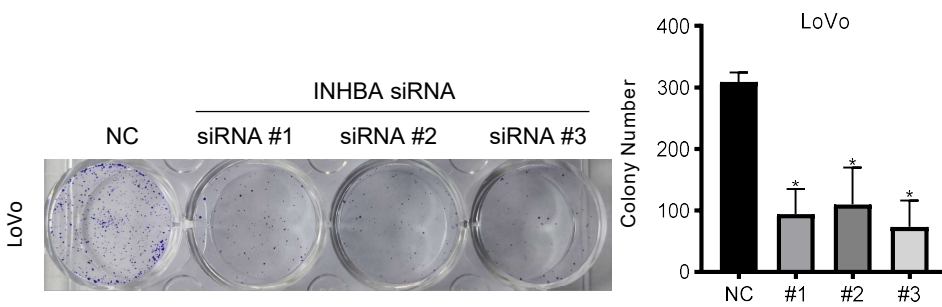
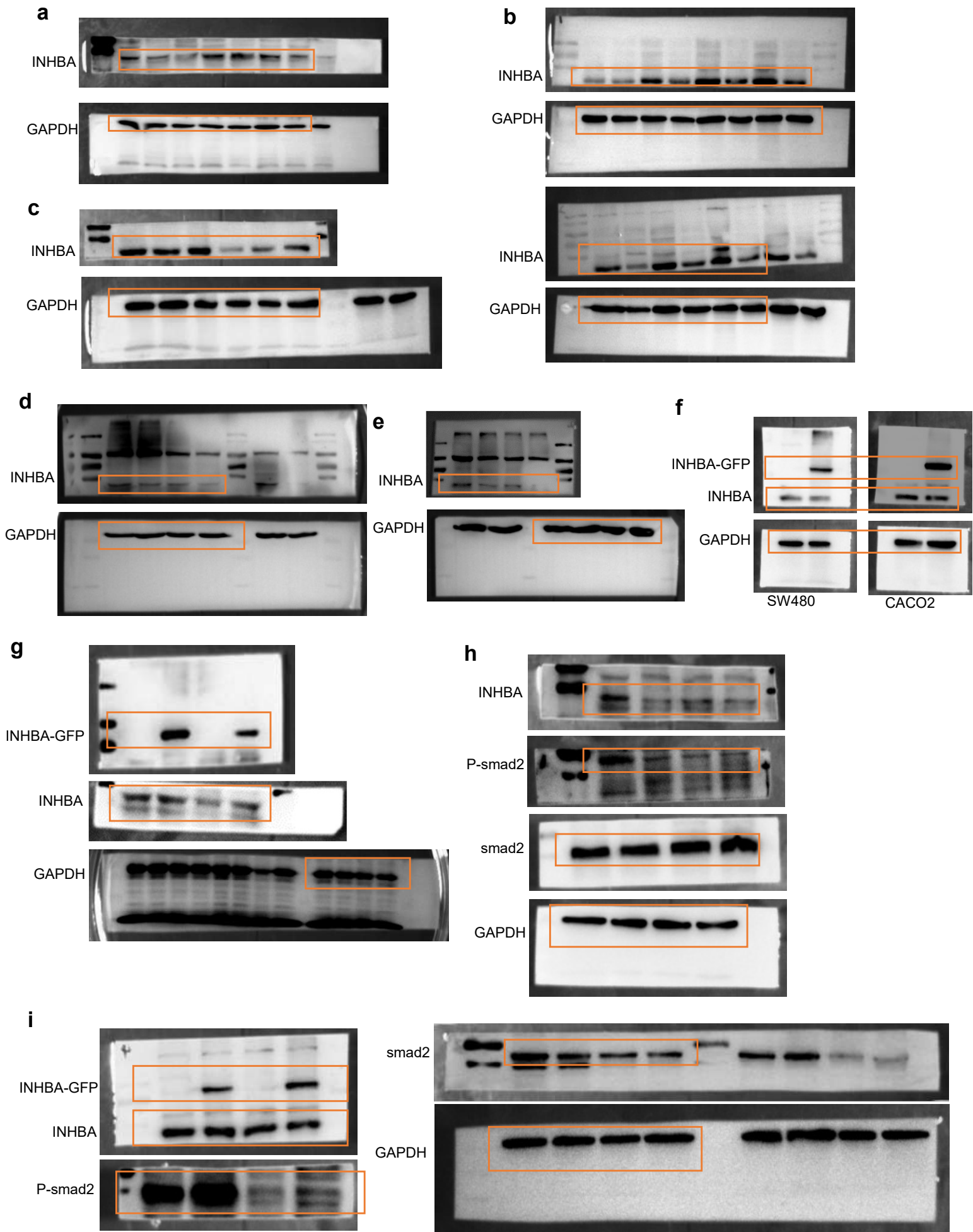
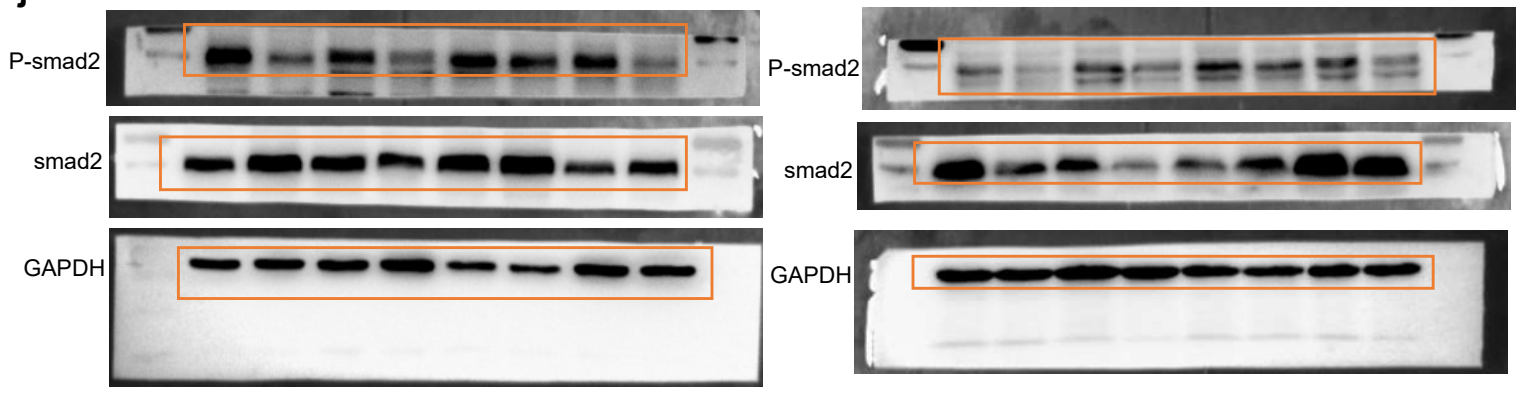
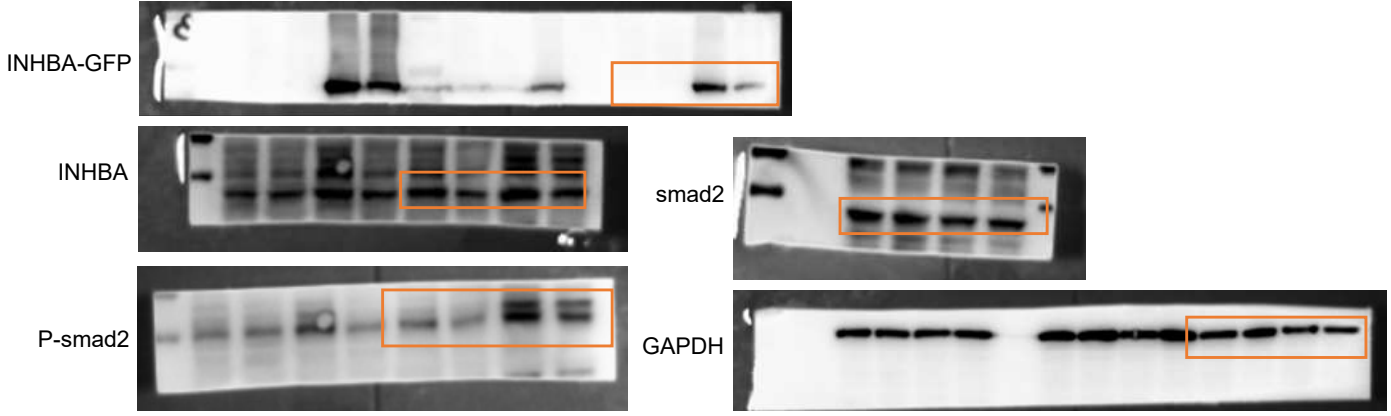
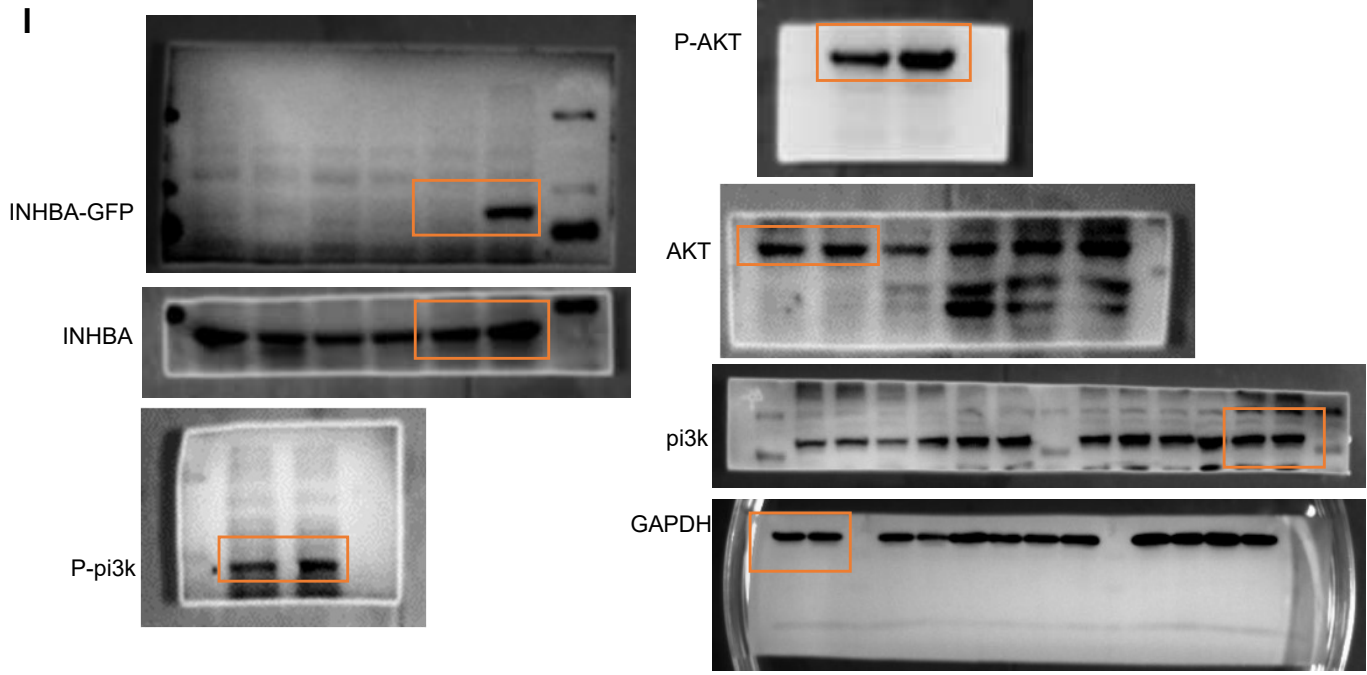
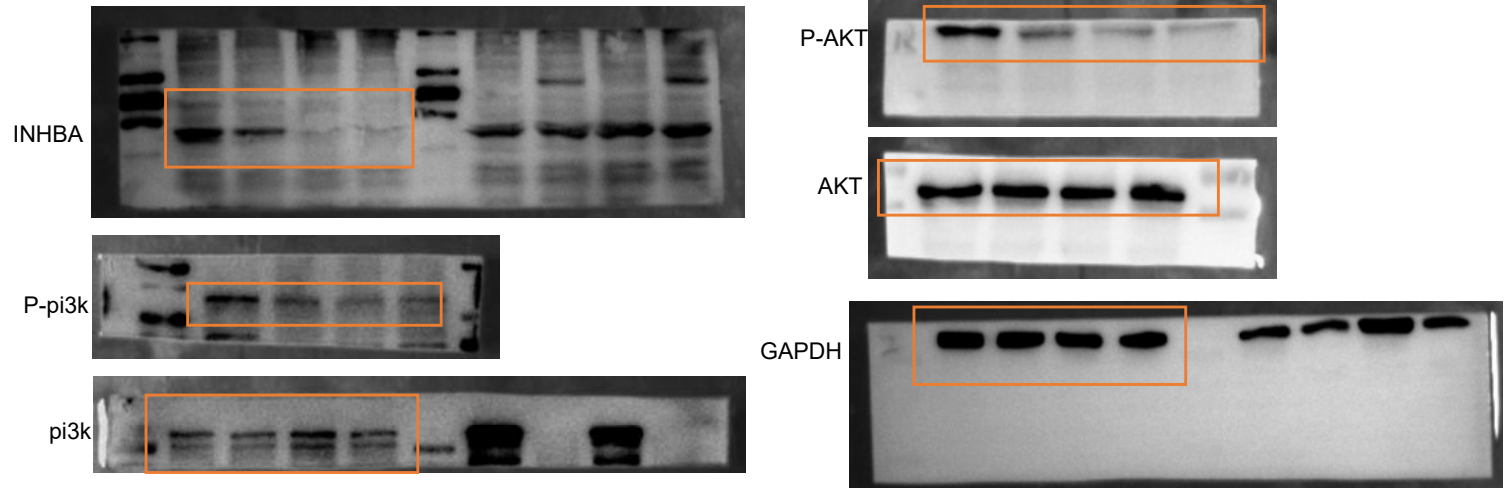
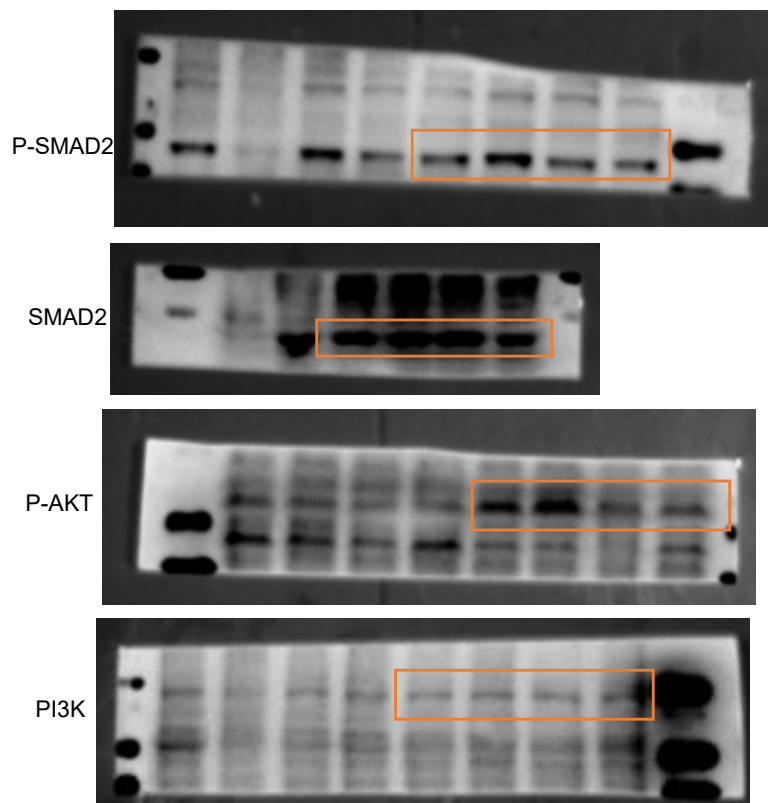
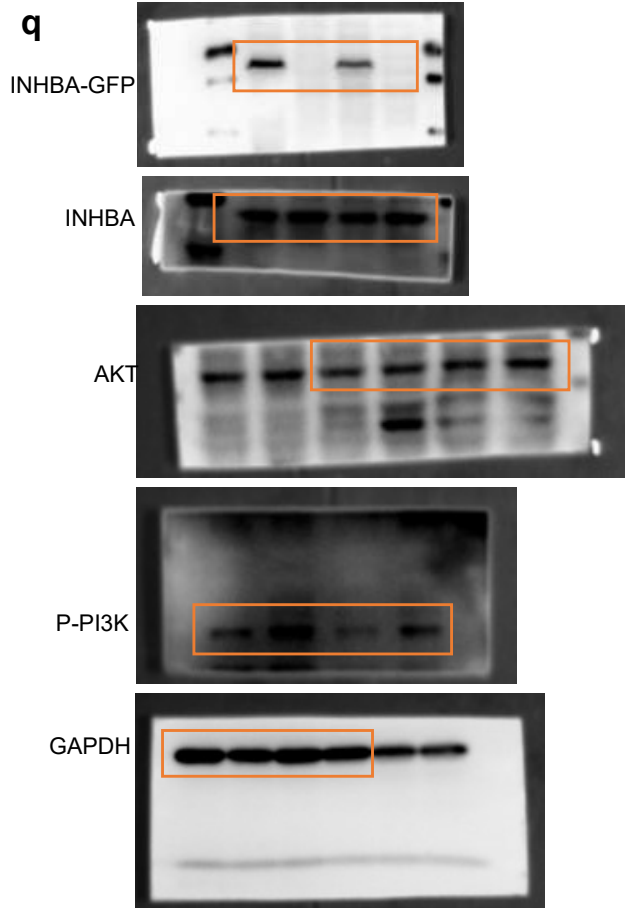
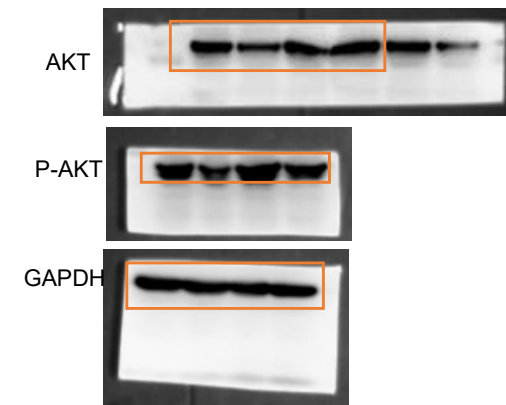
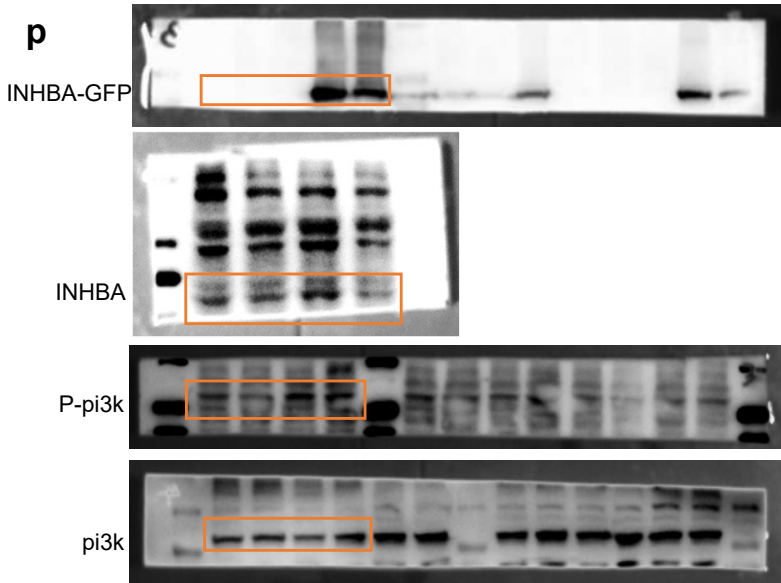
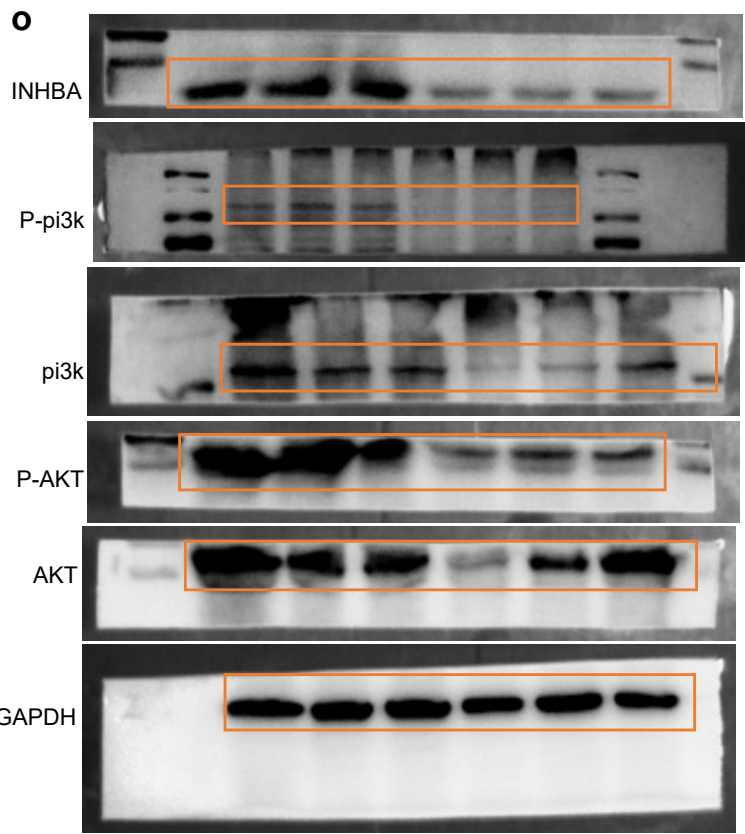
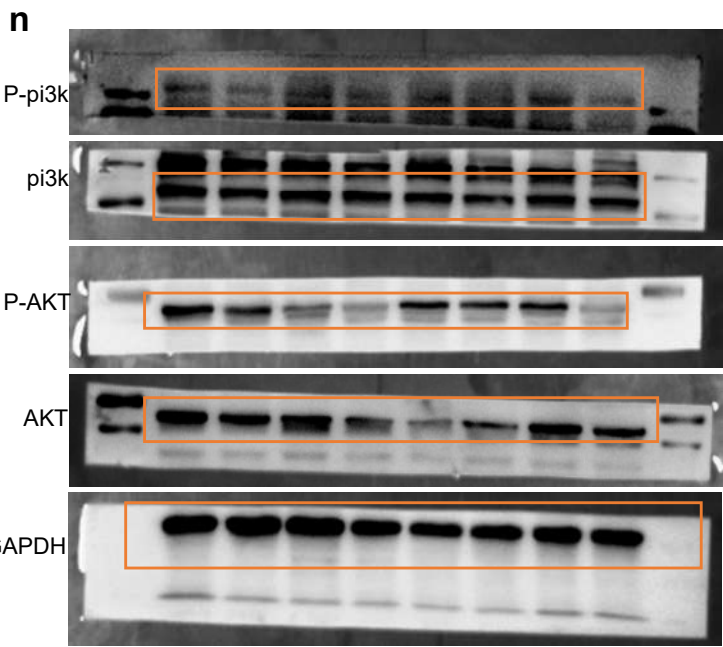


Figure S4 Knocking down INHBA reduced the viability of CRC cells. Colony formation assay showing silencing INHBA inhibited the growth of LoVo cells.

Figure S5



j**k****l****m**



r

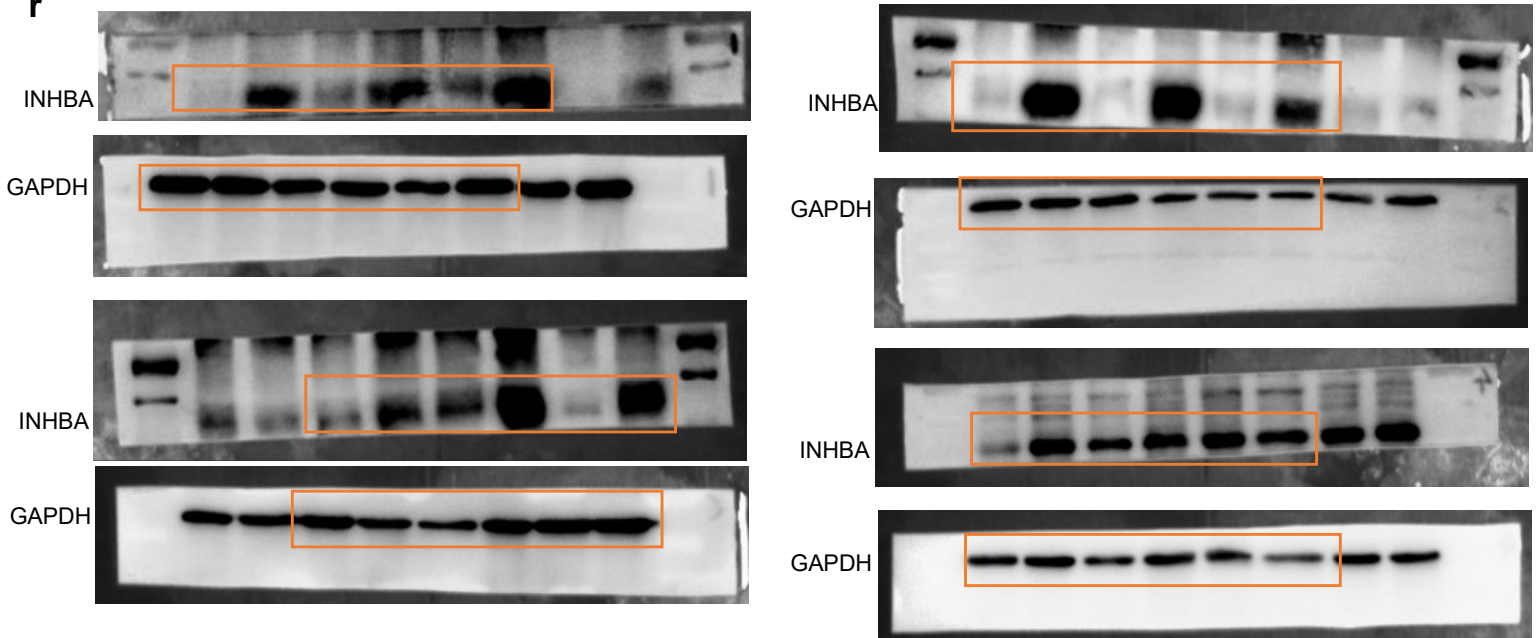


Figure S5 Original images of western blot (a-c) Original data of figure 3b,3d, and 3g 4f.(**d-e**) Original data of figure 4b, 4f. (**f-g**) Original data of figure 5a, 5g. (**h-k**) Original data of figure 6d-6g. (**l-q**) Original data of figure 7c-7h. (**r**) Original data of figure 8b.

Table S1 qPCR primers sequences

Gene	Primer sequence
INHBA-QF	GGCAAGTTGCTGGATTATAGTG
INHBA-QR	CTGAGAGTTGGGTACATCCTTT
CyclinD1-QF	GTCCTACTTCAAATGTGTGCAG
CyclinD1-QR	GGGATGGTCTCCTTCATCTTAG
EGF-QF	GAAGCATTGGACAAGTATGCAT
EGF-QR	CAGCTTCTGAGTCCTGTAGTAG
