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ERα promotes transcription of tumor suppressor gene *ApoA-I* by establishing H3K27ac-enriched chromatin microenvironment in breast cancer cells

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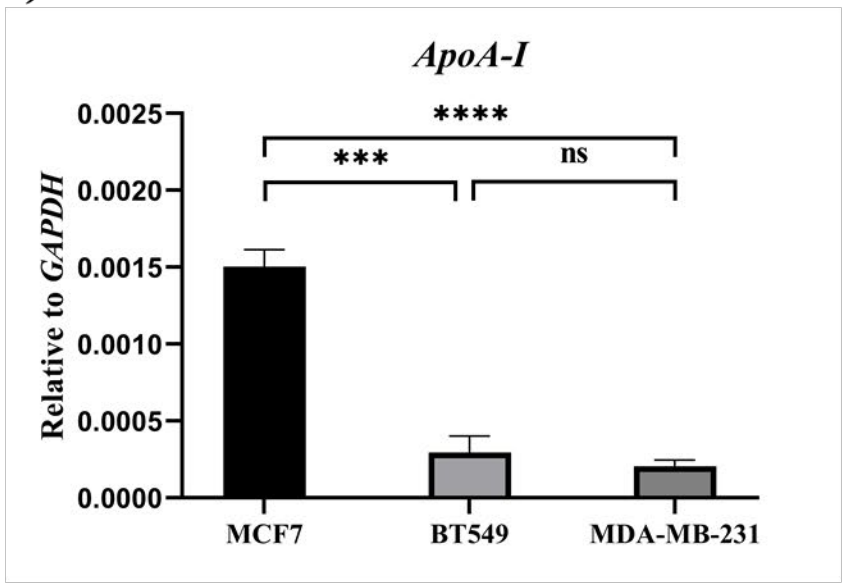
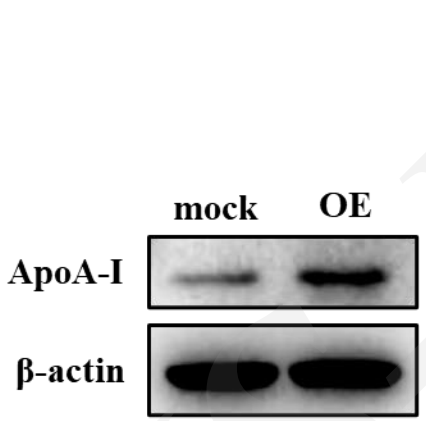
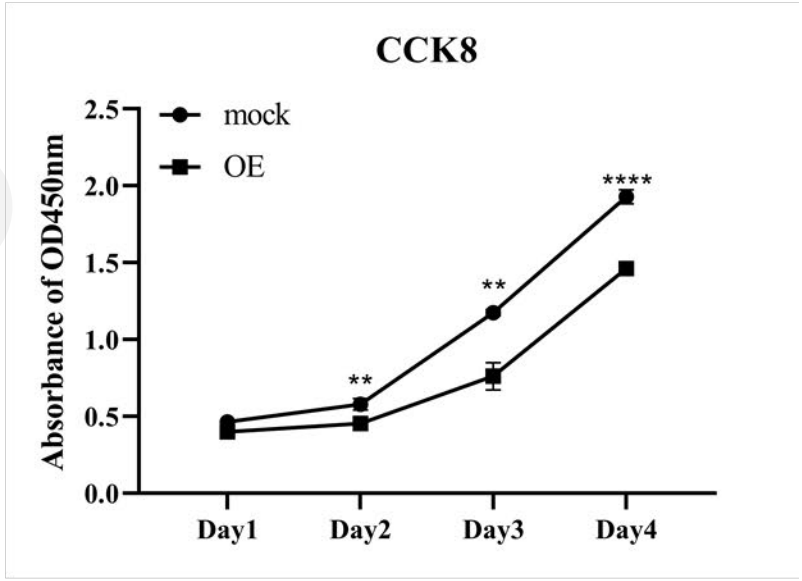
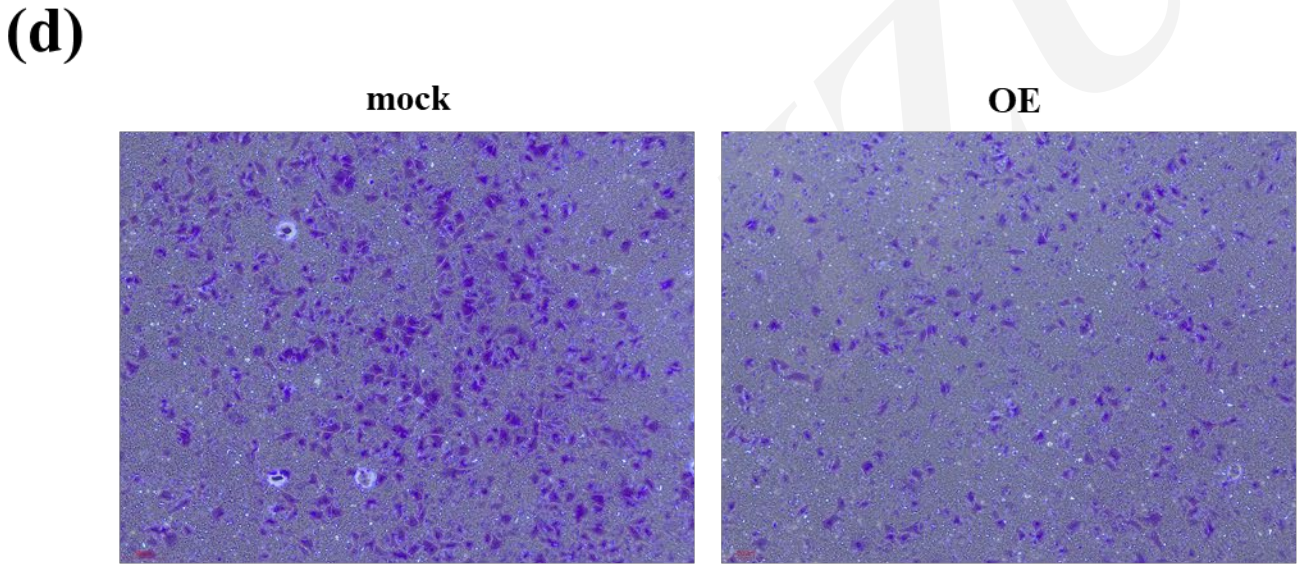
Key words: ApoA-I; ERα; H3K27ac; p300; breast cancer

Fig. 1 ApoA-I inhibits the proliferation and migration of MDA-MB-231 cells









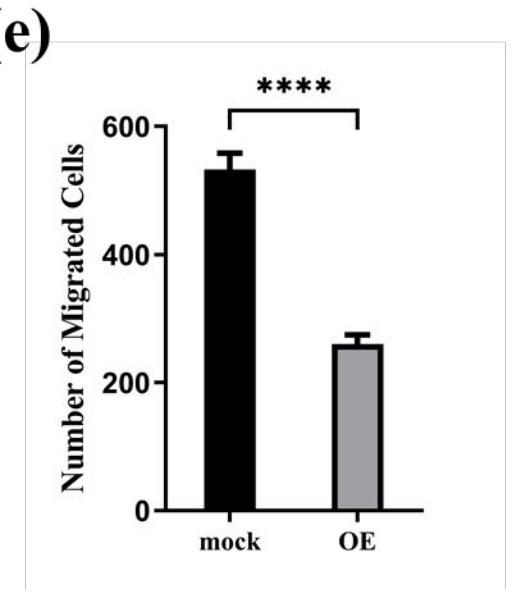


Fig. 2 E2/ERα signaling induces *ApoA-I* transcription in breast cancer cells.

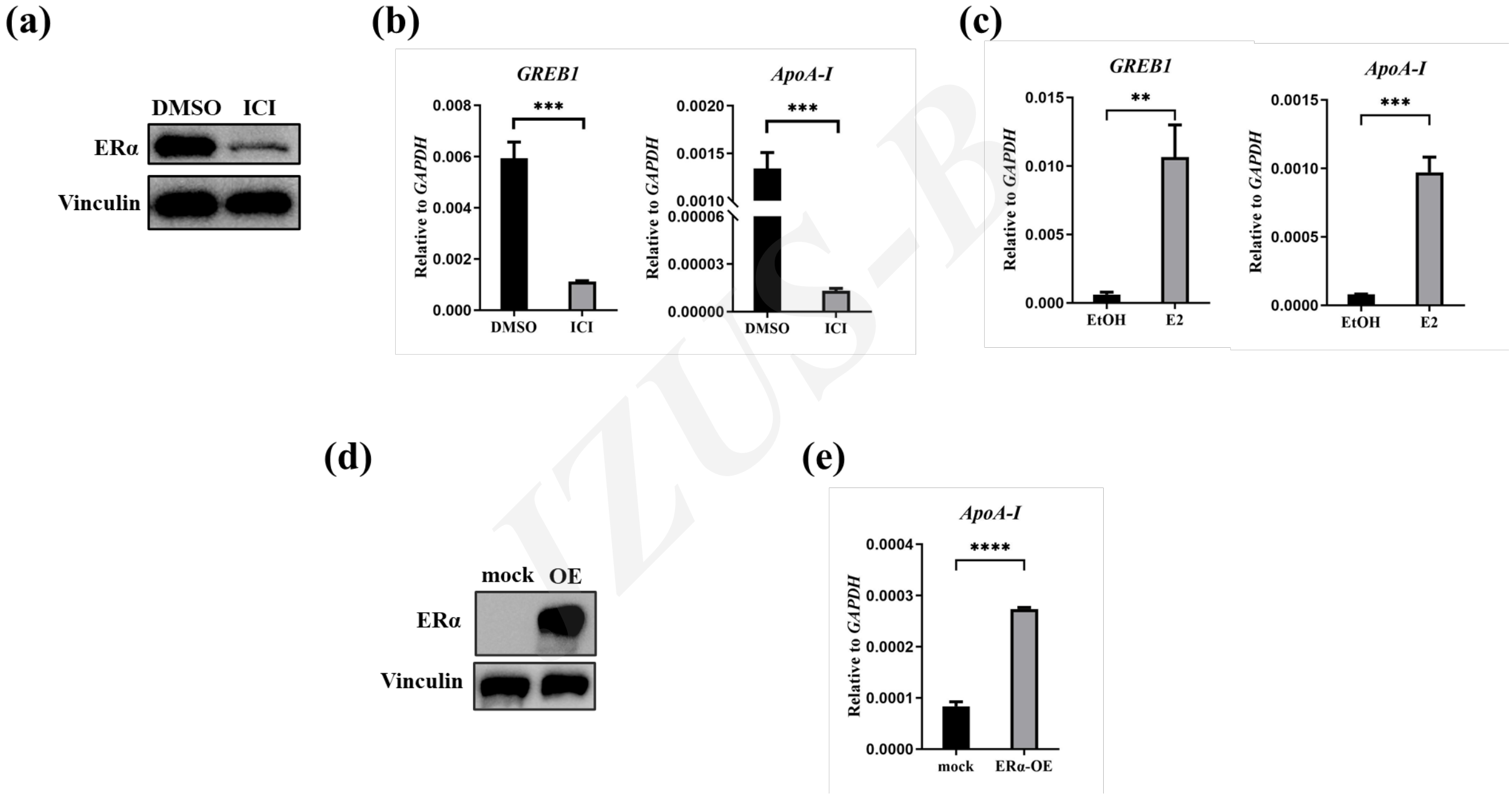


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Fig. 3 ERα directly binds to last exon of ApoA-I gene

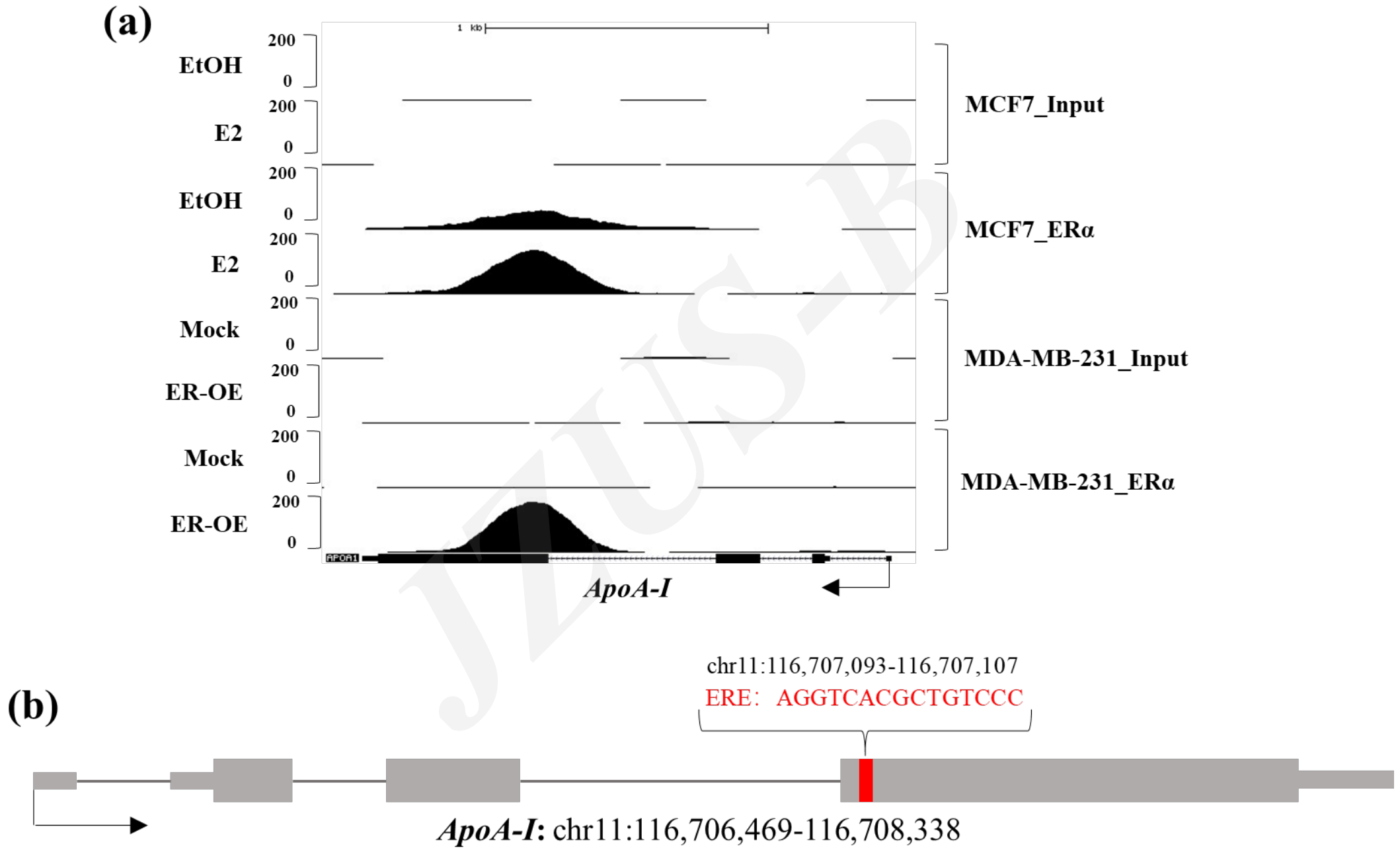
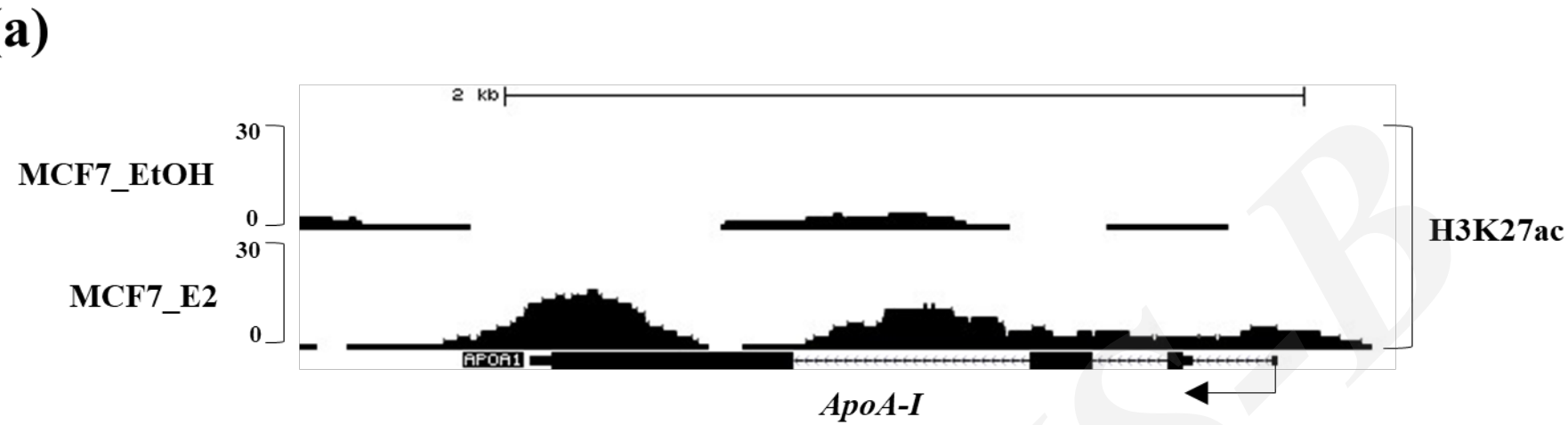
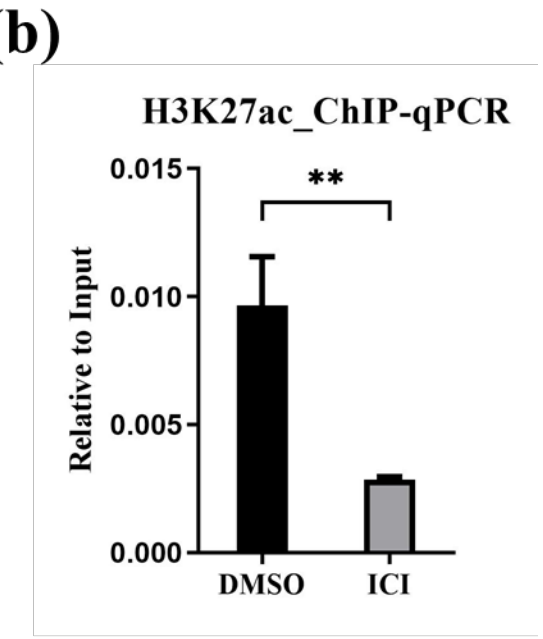
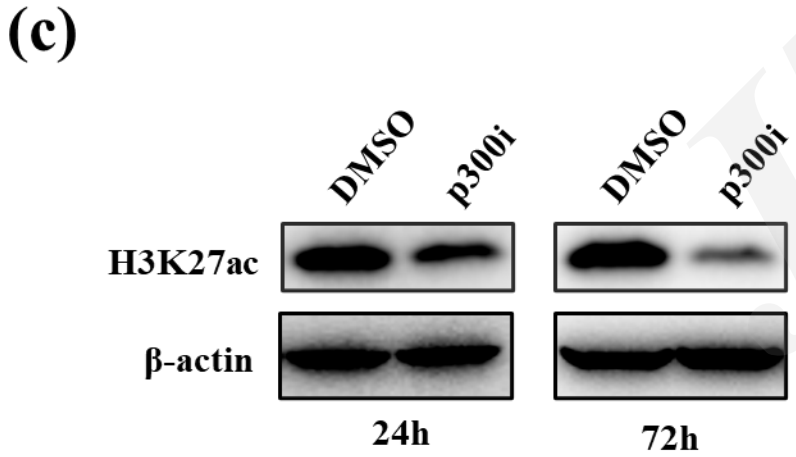


Fig. 4 p300-mediated H3K27 acetylation is involved in the transcriptional regulation of *ApoA-I* by ERα







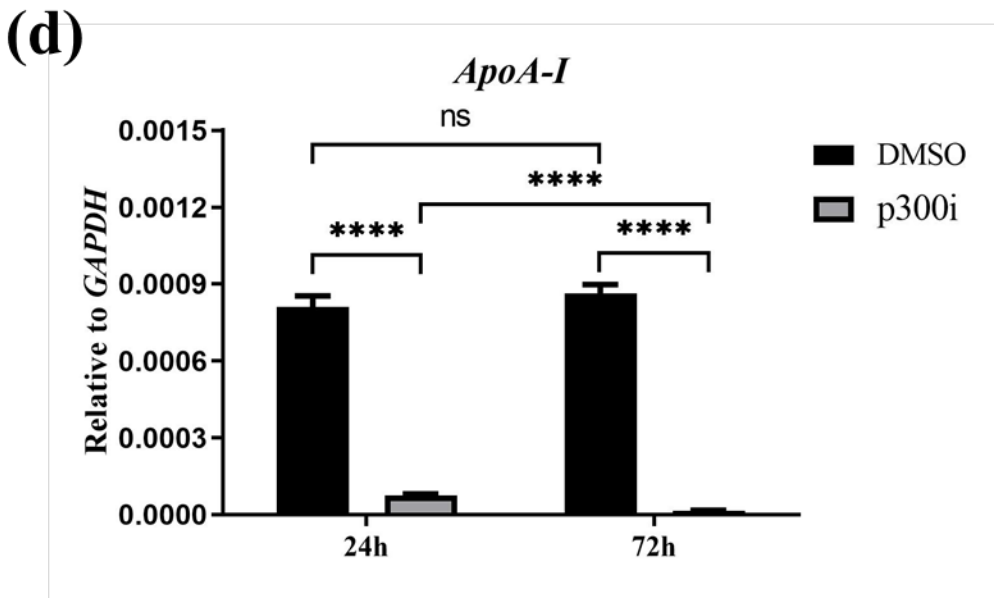


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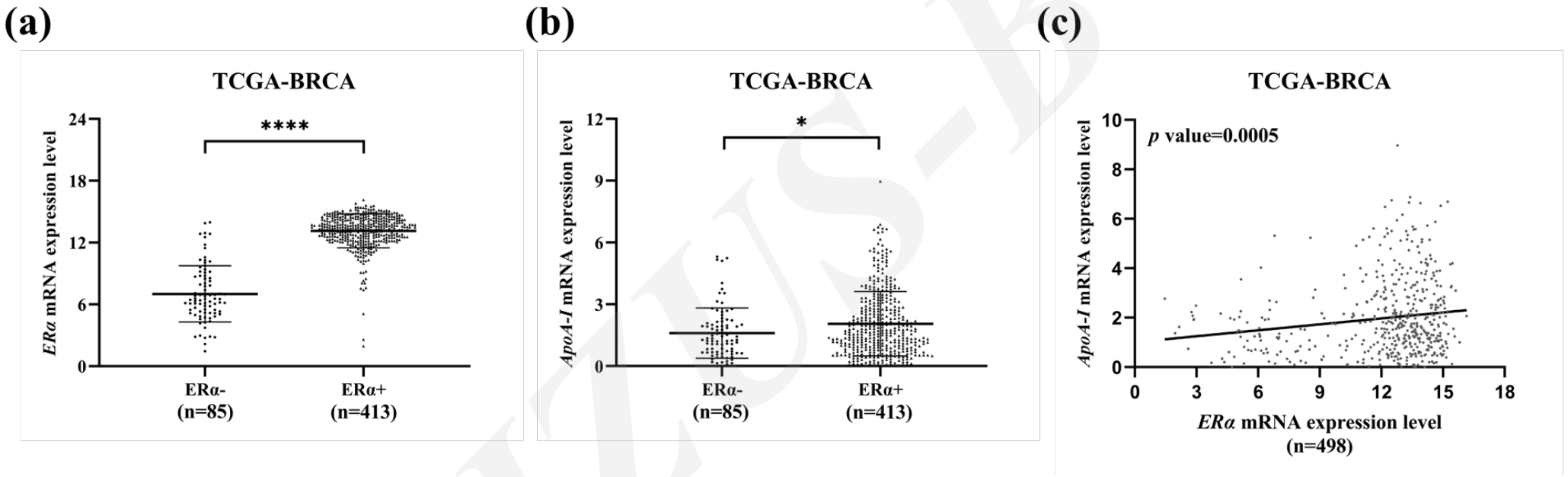
Fig. 5 The mRNA expression levels of ERα and ApoA-I show a positive correlation in breast cancer



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