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Supplemental Information

miR-548e Sponged by ZFAS1 Regulates Metastasis and Cisplatin Resistance of OC by Targeting CXCR4 and let-7a/BCL-XL/S Signaling Axis

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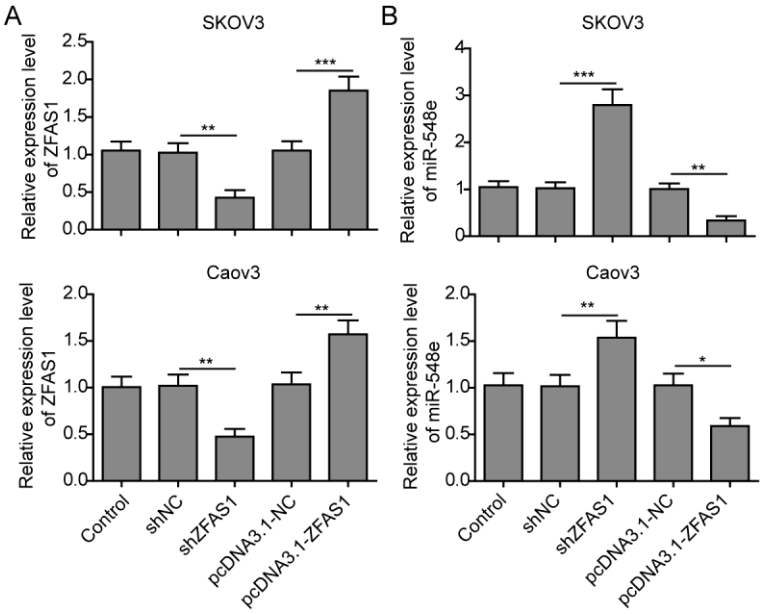
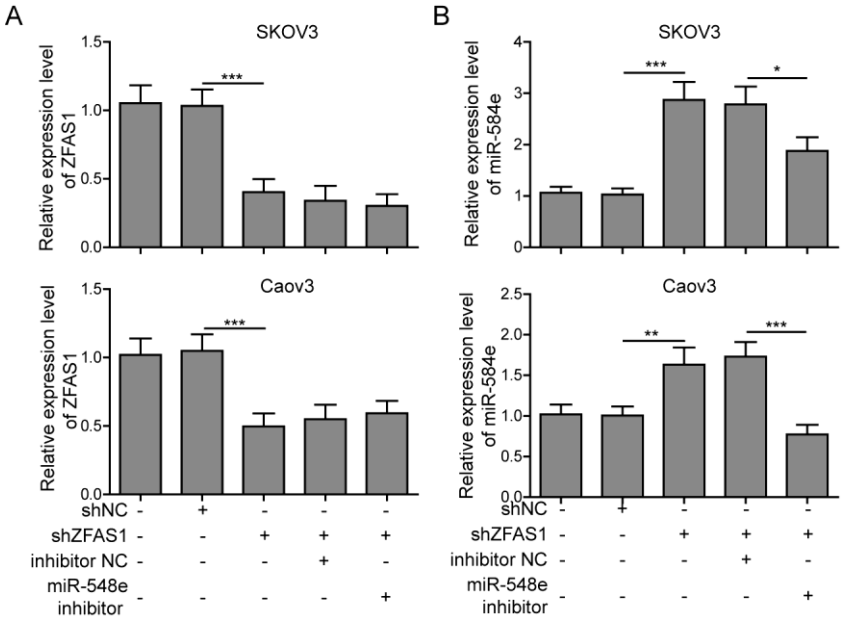
Supplemental Figure S1:



Supplemental Figure S1. Alterations of ZFAS1 and miR-548e expression in SKOV3 and Caov3 cells by shZFAS1 and ZFAS1 over-expressing vector.

(A) Silencing and overexpression of ZFAS1 in SKOV3 and Caov3 cells by transfection with shZFAS1 or pcDNA3.1-ZFAS1 plasmids. ZFAS1 expression was measured by qRT-PCR. (B) Expression of miR-548e in SKOV3 and Caov3 cells with silenced or elevated ZFAS1 expression. ZFAS1: Zinc finger antisense 1; NC: negative control; shZFAS1: short hairpin RNA targeting ZFAS1; * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$.

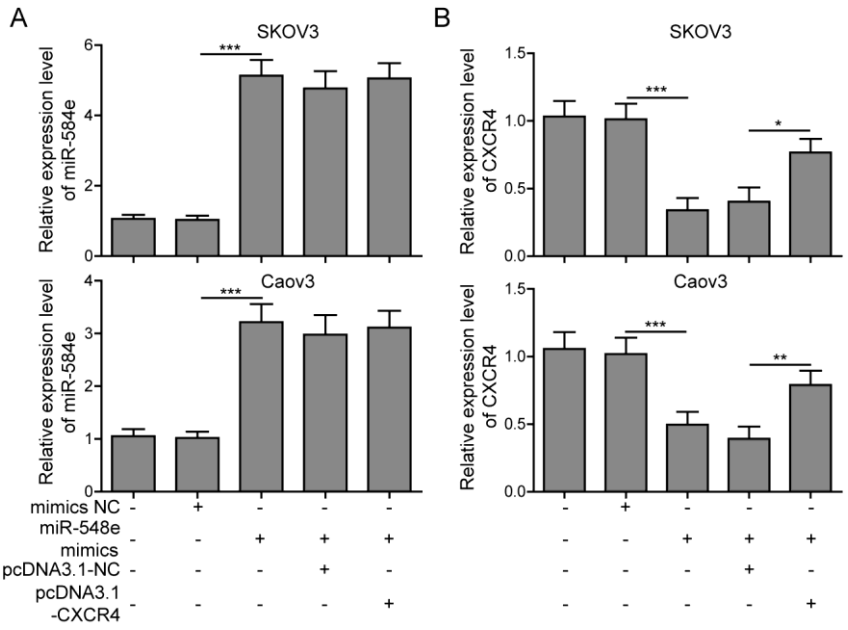
Supplemental Figure S2:



Supplemental Figure S2. Alterations of ZFAS1 and miR-548e expression in SKOV3 and Caov3 cells by shZFAS1 and miR-548e inhibitor.

(A) ZFAS1 relative expression levels in SKOV3 and Caov3 cells transfected with shZFAS1 and miR-548e inhibitor. ZFAS1 expression was evaluated by qRT-PCR. (B) miR-548e relative expression levels in SKOV3 and Caov3 cells transfected with shZFAS1 and miR-548e inhibitor. ZFAS1: Zinc finger antisense 1; shZFAS1: short hairpin RNA targeting ZFAS1; NC: negative control; * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$.

Supplemental Figure S3:



Supplemental Figure S3. Changes of miR-548e and CXCR4 expression in SKOV3 and Caov3 cells induced by miR-548e mimics and CXCR4 over-expressing vector.

(A) miR-548e expression levels in SKOV3 and Caov3 cells transfected with miR-548e mimics and CXCR4 over-expressing plasmids. qRT-PCR was performed to detect miR-548e expression. (B) CXCR4 expression levels in SKOV3 and Caov3 cells transfected with miR-548e mimics and CXCR4 over-expressing plasmids by qRT-PCR. NC: negative control; CXCR4: Chemokine receptor 4; * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$.