

Figure S1. Expression of miR-32 was detected by reverse transcription-quantitative PCR following transfection of ES-2 cells with mimic-NC and miR-32 mimic to check the transfection efficacy. **P<0.01. miR, microRNA; NC, negative control.

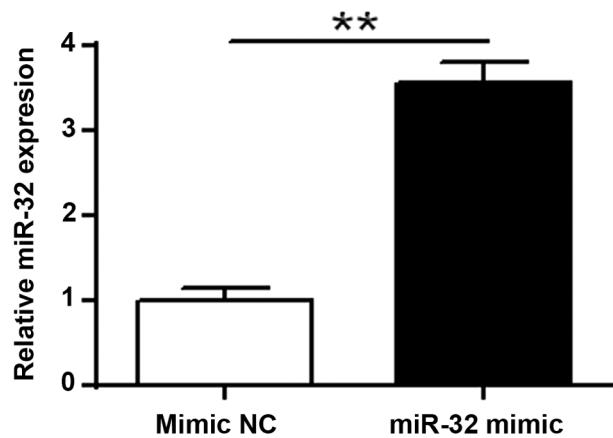


Figure S2. Expression of (A) ANP32E, (B) ARRDC3, (C) FXR1, (D) EVI5, (E) GRAMD1B, (F) KIF1B, (G) BMP7 and (H) SPHK2 mRNA was determined by reverse transcription-quantitative PCR in OC cell lines (OVCAR3, SKOV3 and ES-2) and the normal HOSE (IOSE80) cell line. * $P<0.05$, ** $P<0.01$ vs. normal HOSE cell line. OC, ovarian cancer; HOSE, human ovarian surface epithelial.

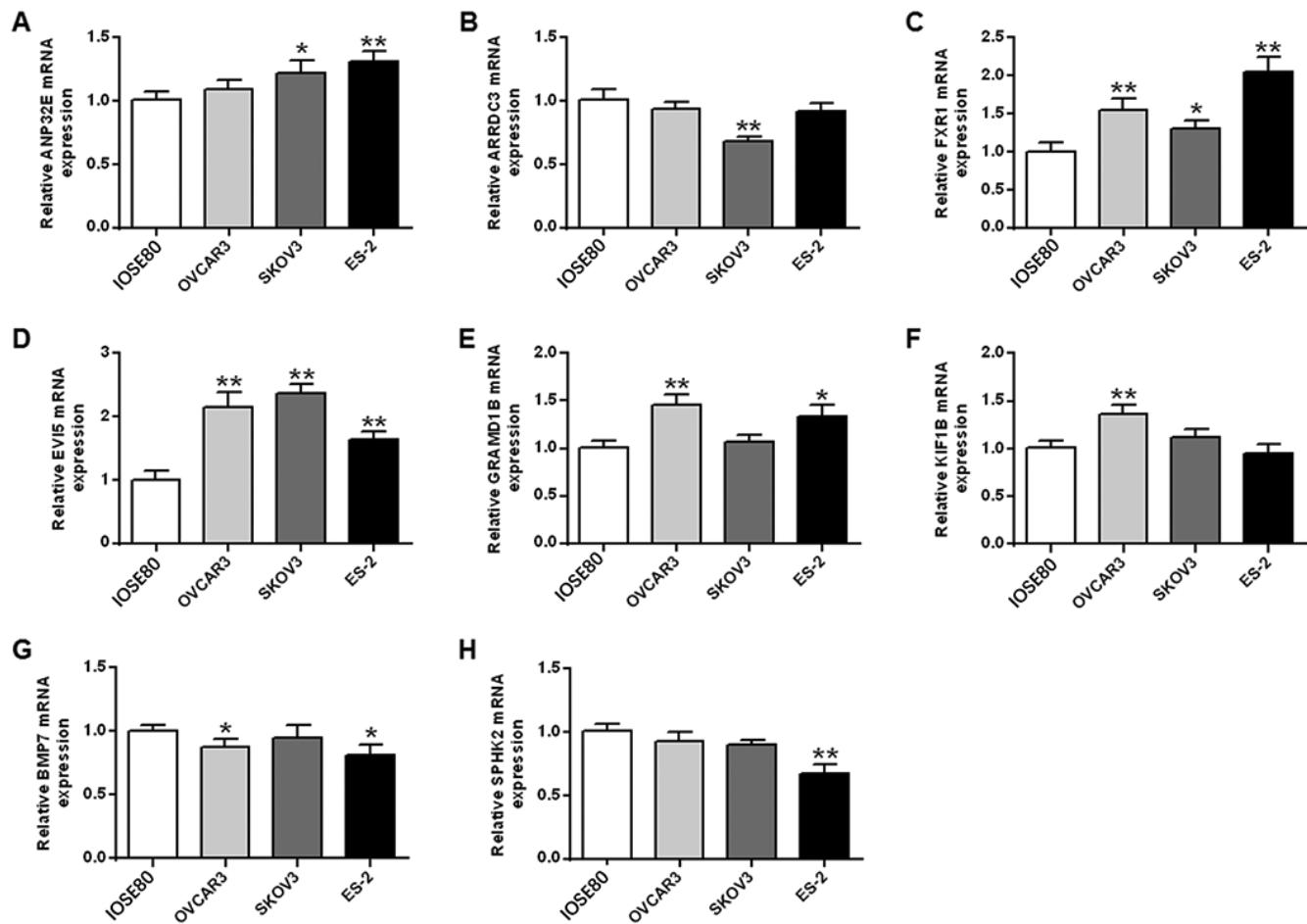


Table SI. Sequences of primers used in reverse transcription-quantitative PCR.

| Gene | Forward primers (5'-3') | Reverse primers (5'-3') |
|---------|-------------------------|-----------------------------|
| ANP32E | GTGGGCCTTATTTGCGTCCTT | CTAGGGAATTCCACAATGGGAGTCAAT |
| SMG1 | GTGCATTAGCCACCAAAGAC | CTCAGAGAACGACAGAGAAG |
| ARRDC3 | ACATGCGAAAGTACGCTGGA | GGTGTCTGTGGAAGCTCGAA |
| FXR1 | TACGGAGAGAGTGCTGATGC | AACCACACCAGATTGTCCA |
| EVI5 | GGCTGGTCTCGAACCTCTAAC | AGACACAAACAGACAAGTAGGC |
| GRAMD1B | TGGGGGAGAAGATTGAGATG | TGTCCACGCTGAAGTTGAAG |
| KIF1B | AGGAGGAAGCTCACTGTGGA | CAAGACAACTGGCAAAGCAA |
| BMP7 | CCAACGTGGCAGAGAACAG | GGTGGCGTTCATGTAGGAGT |
| SPHK2 | CCAGGCTGCTCCTATTGGTC | TTGAGCAACAGGTCAACACC |
| GAPDH | GGTGTGAACGGATTGGCCG | CCCCGGCCTCTCCATGGTG |