and secretion of COL5A2. COL5A2 can activate FAK/PI3K/AKT signaling pathway of ovarian cancer cells by combining with ITGAV on the surface of ovarian cancer cells, thus promoting the proliferation, migration and invasion of ovarian cancer.

**Conclusion**

Ovarian cancer cells activate CAFs and promote their expression and secretion of COL5A2 by secreting exosomes carrying ITGAV. COL5A2, which is widely expressed and secreted, can act as the signal molecule feedback on ovarian cancer cells to promote the proliferation, migration and invasion of ovarian cancer.