

SUPPLEMENTARY TABLES

Supplementary Table S1. HGSOC vs Fimbria 2.0 fold up regulated miRNAs

Supplementary Table S2. Main clinicopathological characteristics of patients enrolled in this study

	Serous ovarian carcinoma	Fimbria
Age (yrs) Mean±SD	58.8±9.5	55.4±10.4
Median	59.5	55
Range	41–76	34–78
Case number	Total 124	Total 19
	Fresh tissues 48	Benign changes of endometrium 4
	Follow-up cohort 76	leiomyoma 8
		Benign tumors of ovary 5
		Endometrium ectopia 2

Supplementary Table S3. Primers used in this study

Method	Primer Name	Primer sequence(5'—3')
Construction	GIPZ-puro- miR-145 (F)	CCTAGCGTAAAC CGCCAGAGGGTTTCCGGTACT
Construction	GIPZ-puro- miR-145 (R)	GATCCGCTCGAG ACGGCAGTGCTGAAGTTCCCA
Construction	MTDH 3'UTR-WT (F)	GCATATGAGCTCGCTCCCTAATCCAGCCTGTC
Construction	MTDH 3'UTR-WT (R)	GCTCTAGACTGACAAAGTCCCTCCCCAC
Construction	MTDH 3'UTR-MT 1(F)	GTTTAGGGGTTTCTCCA GcagaacATCCTACCTATCTGTAC
Construction	MTDH 3'UTR-MT 1 (R)	GTACAGATAGGTAGGATggtctgCTGGAGAAACCCCTAAAC
Construction	MTDH 3'UTR-MT 2 (F)	GTAAACTCACTGCACAGcagaacATTACTTTCCAAAAG
Construction	MTDH 3'UTR-MT 2 (R)	CTTTTGAAAGTAATggtctgTGTGCAGTGAGTTTAC
qPCR	miR-145(F)	GTCCAGTTTTCCAGGAATCCCT
qPCR	MTDH (F)	AAATAGCCAGCCTATCAAGACTC
qPCR	MTDH (R)	TTCAGACTTGGTCTGTGAAGGAG
qPCR	U6(F)	AACGCTTCACGAATTTGCGT
qPCR	GAPDH (F)	TGCACCACCAACTGCTTAGC
qPCR	GAPDH (R)	GGCATGGACTGTGGTCATGAG