Tissue samples from 16 serous ovarian carcinoma patients

Total RNA isolation for each sample

First-strand cDNA synthesis with dT-ACP1 for each sample

Second strand cDNA synthesis and subsequent PCR amplification with dT-ACP2 and an arbitrary primer for each sample

Gel electrophoresis and extraction of differentially expressed bands compared with PCR product band generated from normal sample

DNA purification from extracted band and cloning of it into PGEM®-T vector

Sequencing of cloned plasmids and similarity search using BLAST search program at NCBI Genbank

Confirmation of differential expression of selected genes (clones) by quantitative real-time PCR

ACP-based Gene Fishing PCR: cDNA synthesis primer (dT-ACP1), reverse primer (dT-ACP2), 60 arbitrary primers