

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Detailed information of the autophagy-associated 37-gene set.

File Name: Supplementary Data 2

Description: KEGG pathways with more than 10 significantly altered genes enriched in at least two cancer types. Enrichment of KEGG pathways was evaluated with 'clusterProfile' package.

File Name: Supplementary Data 3

Description: miRNA-target regulatory network and enriched pathways. Enrichment of KEGG pathways was evaluated with 'clusterProfile' package.

File Name: Supplementary Data 4

Description: TF-target regulatory network and enriched pathways. Enrichment of KEGG pathways was evaluated with 'clusterProfile' package.

File Name: Supplementary Data 5

Description: Sample information of RNA-seq.

File Name: Supplementary Data 6

Description: The overlapping differentially expressed genes of in etoposide + rapamycin vs. etoposide A375 and SK-MEL-28. The significance (p value) of differentially expressed genes was evaluated with 'DESeq2' package.

File Name: Supplementary Data 7

Description: The enriched cancer pathways of overlapping differentially expressed genes in A375 and SK-MEL-28. Enrichment of KEGG pathways was evaluated with 'clusterProfile' package.