

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Clinical features, histopathology annotation and follow-up information of all 84 patients.

File Name: Supplementary Data 2

Description: Proteome datasets, filter criteria and targeted sequencing result.

File Name: Supplementary Data 3

Description: Differentially expressed proteins in whole cohort and each clusters.

File Name: Supplementary Data 4

Description: GSEA pathway enrichment among three clusters.

File Name: Supplementary Data 5

Description: Pathway enrichment of mutations among three clusters and mutation-protein correlation analysis.

File Name: Supplementary Data 6

Description: Known druggable and prognosis unfavorable targets analysis.