

Supplementary materials

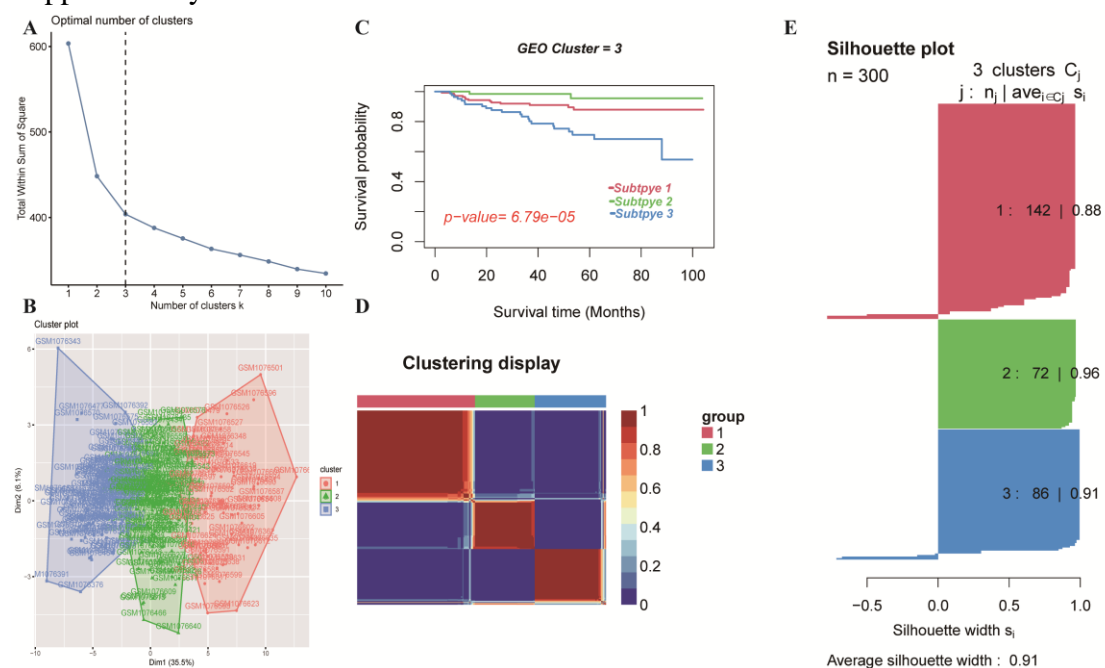


Figure S1. Identification of clinically relevant subtypes of cervical cancer in GEO database. (A) The optimal number of clusters (K). (B) The cluster plot of 3 subtypes. (C) Kaplan-Meier plot of the three clusters. (D) The correlation heatmap of 3 subtypes. (E) Silhouette plot of three subtypes.

Table S1. The screened gene sets after univariable cox regression analysis.

Gene sets and pathways	HR	ln(HR)	HR 95% CL_L	ln(HR 95% CL_L)	HR 95% CL_U	ln(HR 95% CL_U)	p-value
T_GSE36888_UNTREATED_VS_IL2_TREATED_S TAT5_AB_KNOCKIN_TC ELL_2H_UP	3297.75 4	8.100	8.683	2.161	1252518	14.041	0.0075
N_HALLMARK_ANGIOGENESIS	665.258	6.500	17.521	2.863	25258.5 9	10.137	0.00046
N_HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION	43.790	3.779	2.516	0.923	762.245	6.636	0.0095