

**Table S1.** The clinical information of patients in the TCGA dataset.

<b>Variable</b>	<b>Number of samples</b>
<b>Gender</b>	
Male/Female	255/122
<b>Age at diagnosis</b>	
≤65/>65/NA	235/141/1
<b>Grade</b>	
G1/G2/G3/G4/NA	55/180/124/13/5
<b>Stage</b>	
I/II/III/IV/NA	175/87/86/5/24
<b>T</b>	
T1/T2/T3/T4/NA	185/95/81/13/3
<b>M</b>	
M0/M1/NA	257/4/101
<b>N</b>	
N0/N1/N2/N3/NA	172/67/167/8/116