

Supplementary Table 3. The deleterious mutation in *CBX2* and *CEP55*.

Gene symbol	Deleterious mutation
CBX2	0
CEP55	2

Supplementary Table 4. The effect of CNV in *CBX2* and *CEP55* on different survival types.

Symbol	Survival type	Logrank P value
CBX2	OS	0.07
CBX2	PFS	0.02
CBX2	DSS	0.11
CBX2	DFI	0.03
CEP55	OS	0.12
CEP55	PFS	0.37
CEP55	DSS	0.21
CEP55	DFI	0.39