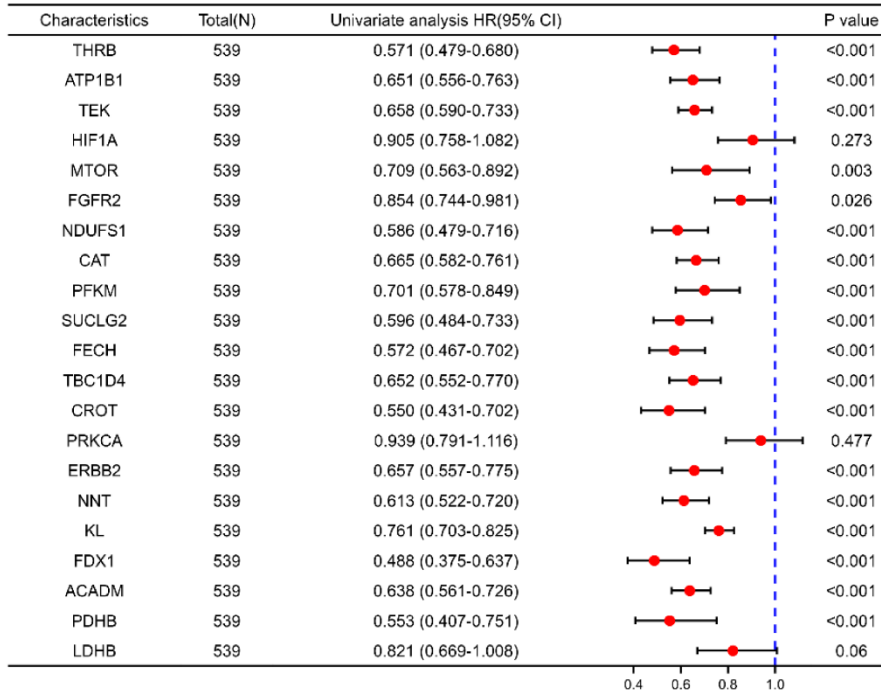


Supplementary Table 1. Characteristics of patients with KIRC

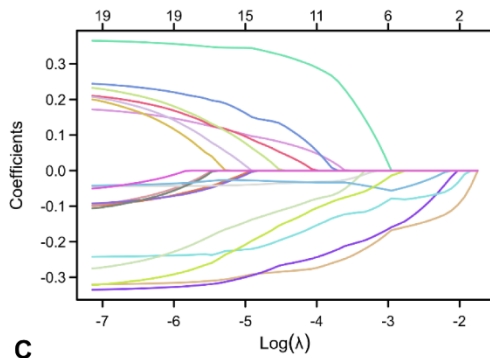
Characteristics	Variable	Patients (530)	Percentages (%)
Vital status	Alive	366	67.90
	Dead	173	32.10
Age	Mean (SD)	60.6 (12.1)	49.53
	Median [Min Max]	61 [26 09]	50.47
Gender	Female	186	34.51
	Male	353	65.49
Pathological stage	I	267	50.28
	II	57	10.73
	III	123	23.16
	IV	84	15.82
T classification	T1	271	51.13
	T2	69	13.02
	T3	179	33.77
	T4	11	2.08
N classification	N0	240	45.20
	N1	16	3.01
	NX	275	51.79
M classification	M0	440	83.02
	M1	80	15.09
	MX	10	1.89
Tumor grade	G1	14	2.64
	G2	229	43.21
	G3	206	38.87
	G4	76	14.34
	GX	5	0.94

Supplementary Figure 1

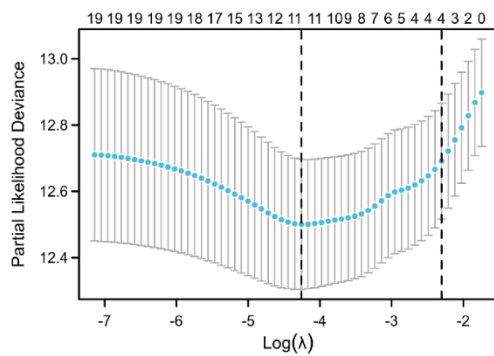
A



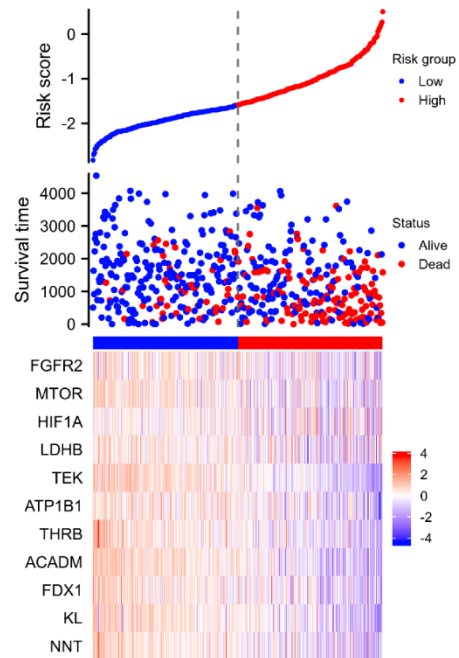
B



C



D



Supplementary Figure 2

