

Table S2. Clinical information of TCGA cohort

Variable		MRG-high (n = 250)	MRG-low (n = 250)	P-value
Age	≥66	117(48%)	135(56%)	0.164
	< 65	128(52%)	108(44%)	
Gender	Female	120(48%)	150(60%)	0.009
	Male	130(52%)	100(40%)	
Distant metastasis	M0	165(67%)	167(67%)	0.905
	M1	13(5%)	11(4%)	
	MX	69(28%)	71(29%)	
	N0	149(60%)	175(70%)	
Regional lymph nodes	N1	55(22%)	39(16%)	0.079
	N2	39(16%)	30(12%)	
	N3	2(1%)	0(0%)	
	NX	4(2%)	6(2%)	
Tumor stage	Stage I	115(47%)	153(62%)	0.007
	Stage II	71(29%)	48(20%)	
	Stage III	46(19%)	34(14%)	
	Stage IV	14(6%)	11(4%)	
Primary tumor	T 1	71(28%)	96(38%)	0.2
	T 2	143(57%)	124(50%)	
	T 3	25(10%)	20(8%)	
	T 4	9(4%)	9(4%)	
	T X	2(1%)	1(0%)	
Survival status	Alive	142(57%)	176(70%)	0.002
	Dead	108(43%)	74(30%)	