

Table S1 Summary of clinical characteristics of patients involved in the study

Clinical characteristics	Patients in TCGA cohort (n=423)	Patients in training cohort (n=212)	Patients in validation cohort (n=211)	GSE17536 (n=175)	GSE38832 (n=119)	GSE17537 (n=54)
Survival status						
Alive	333	171	162	103	92	35
Dead	90	41	49	72	27	19
Age						
>65 years	243	112	131	94	NA	21
≤65 years	180	100	80	81		33
Gender						
Female	195	104	91	80	NA	25
Male	228	108	120	95		29
Stage						
Stage I	72	39	33	23	18	4
Stage II	159	74	85	57	34	14
Stage III	121	64	57	56	38	19
Stage IV	60	30	30	38	29	17
Unknown	11	5	6		0	0
T (Tumor)						
T1	10	6	4	NA	NA	NA
T2	75	41	34			
T3	288	137	151			
T4	49	27	22			
Unknown	1	1				
N (Lymph Node)						
N0	247	121	126	NA	NA	NA
N1	101	57	44			
N2	75	34	41			
M (Metastasis)						
M0	313	152	161	NA	NA	NA
M1	60	30	30			
Unknown	50	30	20			

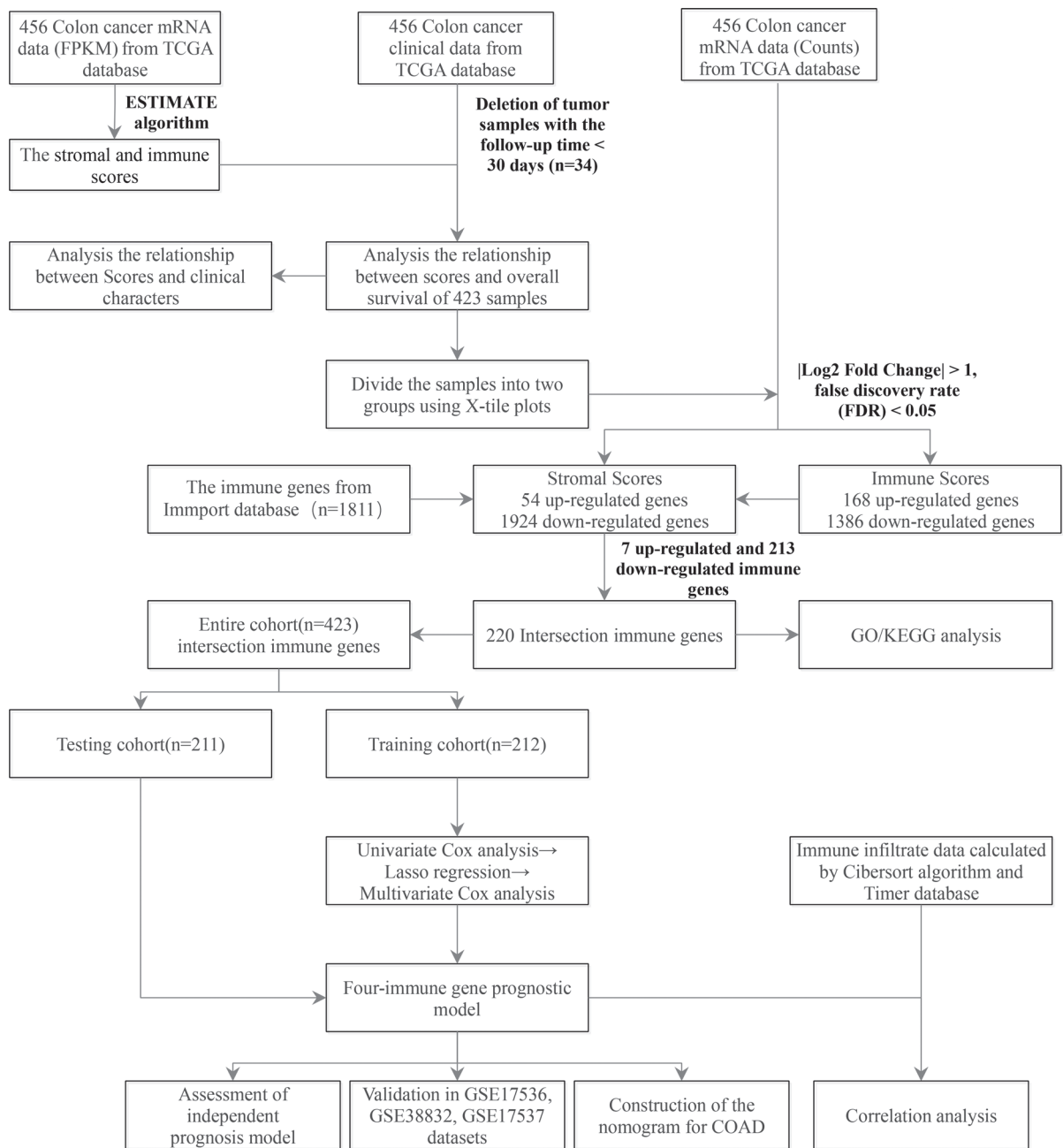


Figure S1 The overall study flow chart.

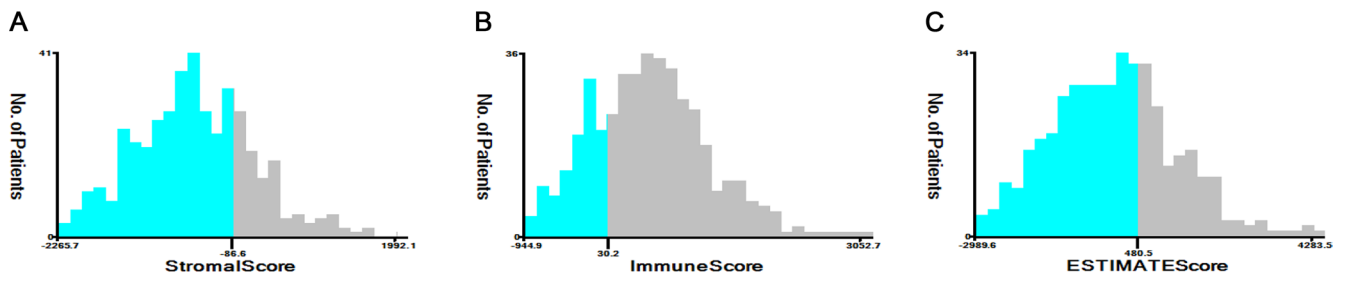


Figure S2 The cut-off generated by X-tile plots (A) stromal score (B) immune score (C) estimate score.