

SUPPLEMENTARY TABLES

Supplementary Table 1. Coefficient values of 6 signature genes in the multivariate Cox analysis.

Id	Coef
SOD2	-0.321664227
C1RL	-0.224770485
HAPLN3	-0.373204795
IFITM1	-0.210704663
BGN	0.188468569
EGFR	0.454558562

Supplementary Table 5. Summary of 33 recognized drivers of T cell proliferation-related genes.

Gene	Type
IFNL2	drivers of T cell proliferation
LTBR	drivers of T cell proliferation
IL1RN	drivers of T cell proliferation
CXCL12	drivers of T cell proliferation
CRLF2	drivers of T cell proliferation
IL12B	drivers of T cell proliferation
NFYB	drivers of T cell proliferation
BATF	drivers of T cell proliferation
FOSB	drivers of T cell proliferation
ATF6B	drivers of T cell proliferation
AHNAK	drivers of T cell proliferation
SLC10A7	drivers of T cell proliferation
CALML3	drivers of T cell proliferation
CLIC1	drivers of T cell proliferation
RAN	drivers of T cell proliferation
CDK2	drivers of T cell proliferation
MS4A3	drivers of T cell proliferation
CDK1	drivers of T cell proliferation
DBI	drivers of T cell proliferation
CYP27A1	drivers of T cell proliferation
AKR1C4	drivers of T cell proliferation
DUPD1	drivers of T cell proliferation
GPD1	drivers of T cell proliferation
GPN3	drivers of T cell proliferation
AHCY	drivers of T cell proliferation
ADA	drivers of T cell proliferation
ITM2A	drivers of T cell proliferation
HOMER1	drivers of T cell proliferation
MRPL18	drivers of T cell proliferation
MRPL51	drivers of T cell proliferation
LIG3	drivers of T cell proliferation
ZNF830	drivers of T cell proliferation
DCLRE1B	drivers of T cell proliferation

Supplementary Table 6. The primer sequences for qRT-PCR.

Gene	Primer sequence
SOD2	F: 5'-GCTCCGGTTTTGGGGTATCTG-3' R: 5'-GCGTTGATGTGAGGTTCCAG-3'
C1RL	F: 5'-TACCCAGAGCCGTATGGCAA-3' R: 5'-GAACCGACGAATGAGATTGTGA-3'
HAPLN3	F: 5'-CCAGACAGGACTCCAGAAGATT-3' R: 5'-GGCAGTAGCGAAGCAGAAT-3'
IFITM1	F: 5'-CCAAGGTCCACCGTGATTAAC-3' R: 5'-ACCAGTTCAAGAAGAGGGTGTT-3'
BGN	F: 5'-GGTGGTCTATCTGCACTCCAA-3' R: 5'-GGCTGATGCCGTTGTAGTAGG-3'
EGFR	F: 5'-AGGCACGAGTAACAAGCTCAC-3' R: 5'-ATGAGGACATAACCAGCCACC-3'
36B4	F: 5'-ATCCCTGACGCACCGCCGTGA-3' R: 5'-TGCATCTGCTTGGAGCCCACGTT-3'