Table S7. TNB logistic regression analysis: AUC, 203 immune-related genes.

NUMBER	IMMUNE GENE	AUC		NUMBER	IMMUNE GENE	AUC
1	AIRE	0.5225		49	IGHV5-78	0.69
2	ALK	0.675		50	IGJ	0.6775
3	BANK1	0.8575		51	IGK@	0.74
4	BCAP29	0.5625		52	IGKC	0.735
5	BCAP31	0.7		53	IGLC1	0.685
6	BCL10	0.495		54	IGLJ3	0.725
7	BCL11A	0.4575		55	IGLL1	0.585
8	BCL11B	0.5975		56	IGLL3P	0.6675
9	BCL2	0.3775		57	IGLL5	0.765
10	BCL3	0.56		58	IGLV1-44	0.7825
11	BCL6	0.505		59	IGLV6-57	0.72
12	BCL7A	0.6725		60	IGSF1	0.6275
13	BCL7B	0.5225		61	IGSF3	0.63
14	BCL7C	0.53		62	IGSF6	0.655
15	BCL9	0.6525		63	IGSF9B	0.5375
16	BLK	0.4775		64	IKBKAP	0.495
17	BLNK	0.8		65	IKBKB	0.5275
18	BTG1	0.6725		66	IKBKE	0.53
19	BTG4	0.6375		67	IKBKG	0.6025
20	CD27	0.76		68	IL12A	0.57
21	CD79A	0.7275		69	IL12B	0.7025
22	CD79B	0.7325		70	INPPL1	0.615
23	CPA3	0.45		71	IRGC	0.5875
24	CTAGE1	0.72		72	IRGQ	0.62
25	CTLA4	0.53		73	ISLR	0.64
26	DLEU1	0.6875		74	ITGAE	0.5475
27	DLEU2	0.545		75	ITGAL	0.7875
28	DTNB	0.6825		76	ITK	0.675
29	EBF2	0.5525		77	ITM2A	0.785
30	EPAG	0.59		78	KIR2DL2	0.6575
31	FRAT1	0.5225		79	KIR2DL3	0.66
32	FRAT2	0.505		80	KIR2DL4	0.625
33	GM2A	0.6575		81	KIR2DS1	0.685
34	GZMA	0.7325		82	KIR2DS3	0.7625
35	GZMB	0.6875		83	KIR2DS5	0.58
36	GZMM	0.6475		84	KIR3DL1	0.6875
37	HELLS	0.5475		85	KIR3DL3	0.635
38	HIVEP1	0.5675		86	KIR3DX1	0.7025
39	HIVEP2	0.5775		87	LAG3	0.5675
40	HIVEP3	0.575		88	LAIR1	0.61
41	ICOS	0.735		89	LAIR2	0.545
42	ICOSLG	0.55		90	LAX1	0.75
43	IGBP1	0.5775		91	LCK	0.745
44	IGHD	0.7575		92	LCP1	0.7425
45	IGHG1	0.605		93	LCP2	0.755
46	IGHM	0.6925		94	LEF1	0.5275
47	IGHMBP2	0.705		95	LILRA1	0.5775
48	IGHV3-48	0.76		96	LILRA2	0.4575
				97	LILRA3	0.6425

Table S7. TNB logistic regression analysis: 203 immune related genes with an AUC of > 0.65.

98	LILRA4	0.755		147	NFKB1	0.5225
99	LILRA5	0.55		148	NFKB2	0.7875
100	LILRA6	0.565		149	NFKBIA	0.6175
101	LILRB1	0.67		150	NFKBIB	0.6275
102	LILRB2	0.65		151	NFKBIE	0.705
103	LILRB4	0.725		152	NFKBIL1	0.5475
104	LILRB5	0.55		153	PBX1	0.5025
105	LILRP2	0.66		154	PBX2	0.5475
106	LRIG1	0.5475		155	PBX3	0.4625
107	LRIG2	0.595		156	PBXIP1	0.5225
108	LRIT1	0.53		157	PIBF1	0.6325
109	LRMP	0.6325		158	PIGR	0.5725
110	LSP1	0.665		159	PILRA	0.6525
111	LTA	0.6225		160	PILRB	0.5875
112	LTB	0.8075		161	PIM2	0.765
113	LTBR	0.5875		162	POU2AF1	0.695
114	LY6D	0.54		163	PTCRA	0.5225
115	LY6E	0.6075		164	PTPN22	0.72
116	LY6G5C	0.5775		165	PVRIG	0.68
117	LY6G6C	0.75		166	RBPJ	0.5475
118	LY6G6D	0.59		167	RBPJL	0.65
119	LY6G6E	0.5575		168	SEMA3A	0.535
120	LY6H	0.5225		169	SEMA3B	0.5825
121	LY75	0.565		170	SEMA3C	0.56
122	LY86	0.755		171	SEMA3D	0.6025
123	LY9	0.695		172	SEMA3E	0.555
124	LY96	0.6575		173	SEMA3F	0.5425
125	LYL1	0.7275		174	SEMA3G	0.56
126	LYVE1	0.7775		175	SEMA4A	0.5325
127	MAL	0.505		176	SEMA4C	0.695
128	MALL	0.625		177	SEMA4D	0.675
129	MALT1	0.5825		178	SEMA4F	0.67
130	MILR1	0.715		179	SEMA4G	0.6425
131	MLL	0.5525		180	SIGIRR	0.4875
132	MLL2	0.725		181	SLAMF1	0.6725
133	MLL4	0.5625		182	SWAP70	0.5525
134	MLLT1	0.695		183	TAL1	0.6425
135	MLLT10	0.635		184	TAX1BP1	0.5825
136	MLLT10P1	0.585		185	TCF7	0.505
137	MLLT11	0.59		186	TCF7L1	0.6625
138	MLLT3	0.645		187	TCF7L2	0.5825
139	MLLT4	0.69		188	TCIRG1	0.515
140	MXI1	0.52		189	TCL1A	0.745
141	MZB1	0.73		190	TCL1B	0.525
142	NFAT5	0.54		191	TCL6	0.4925
143	NFATC1	0.535		192	TCTA	0.5075
144	NFATC2IP	0.56		193	TIAM1	0.6225
145	NFATC3	0.6375		194	TIAM2	0.69
146	NFATC4	0.68		195	TIE1	0.4925

Table S7. TNB logistic regression analysis: 203 immune related genes with an AUC of > 0.65.

196	TLX1	0.6025
197	TLX2	0.77
198	TLX3	0.665
199	TNFRSF17	0.725
200	VPREB1	0.6975
201	VPREB3	0.7475
202	VSIG10	0.5275
203	VSIG4	0.56