

BD Rhapsody™ T-Cell Targeted Panel (Human) gene list

Gene	Transcript	Poly(A) position
AIM2	NM_004833.1	chr1:159062486
ANXA5	NM_001154.3	chr4:121668000
APOBEC3G	NM_021822.3	chr22:39087604
ARL4C	NM_005737.3	chr2:234493045
AURKB	NM_004217.3	chr17:8204740
B3GAT1	NM_018644.3	chr11:134378766
BAX	NM_001291428.1	chr19:48961793
BCL11B	NM_022898.2	chr14:99169291
BCL2	NM_000633.2	chr18:63123346
BCL6	NM_001706.4	chr3:187721385
BIN2	NM_016293.3	chr12:51281039
BTG1	NM_001731.2	chr12:92143364
BTLA	NM_181780.3	chr3:112464188
C10orf54	NM_022153.1	chr10:71750316
CASP3	NM_004346.3	chr4:184627697
CBLB	NM_170662.4	chr3:105658273
CCL1	NM_002981.2	chr17:34360383
CCL2	NM_002982.3	chr17:34257197
CCL20	NM_004591.2	chr2:227817564
CCL3	NM_002983.2	chr17:36088259
CCL4	NM_002984.3	chr17:36105612
CCL5	NM_002985.2	chr17:35871497
CCNB1	NM_031966.3	chr5:69177694
CCND2	NM_001759.3	chr12:4305162
CCR1	NM_001295.2	chr3:46201949
CCR10	NM_016602.2	chr17:42679408
CCR2	NM_001123041.2	chr3:46360923
CCR3	NM_001837.3	chr3:46266706
CCR4	NM_005508.4	chr3:32954911
CCR5	NM_000579.3	chr3:46376199

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CCR6	NM_004367.5	chr6:167139138
CCR7	NM_001838.3	chr17:40553895
CCR8	NM_005201.3	chr3:39333680
CCR9	NM_006641.3	chr3:45902995
CD160	NM_007053.3	chr1:145739288
CD2	NM_001767.3	chr1:116769226
CD244	NM_016382.3	chr1:160830210
CD247	NM_000734.3	chr1:167430642
CD27	NM_001242.4	chr12:6451710
CD274	NM_014143.3	chr9:5470490
CD300A	NM_007261.3	chr17:74484788
CD3D	NM_000732.4	chr11:118339077
CD3E	NM_000733.3	chr11:118316170
CD3G	NM_000073.2	chr11:118353288
CD4	NM_000616.4	chr12:6820809
CD40LG	NM_000074.2	chrX:136659735
CD44	NM_000610.3	chr11:35232331
CD48	NM_001778.3	chr1:160678749
CD5	NM_014207.3	chr11:61127767
CD52	NM_001803.2	chr1:26320521
CD6	NM_006725.4	chr11:61020373
CD69	NM_001781.2	chr12:9752552
CD7	NM_006137.6	chr17:82314874
CD70	NM_001252.4	chr19:6585840
CD8A	NM_001768.6	chr2:86784612
CD8B	NM_004931.4	chr2:86841566
CD9	NM_001769.3	chr12:6237982
CHI3L2	NM_004000.2	chr1:111243435
CLC	NM_001828.5	chr19:39731257
CLEC2D	NM_013269.5	chr12:9695029



Gene	Transcript	Poly(A) position
CNOT2	NM_014515.5	chr12:70354991
CSF2	NM_000758.3	chr5:132076165
CSF3	NM_000759.3	chr17:40017811
CST7	NM_003650.3	chr20:24959919
CTLA4	NM_005214.4	chr2:203873963
CTSW	NM_001335.3	chr11:65883737
CX3CR1	NM_001337.3	chr3:39263497
CXCL10	NM_001565.3	chr4:76021121
CXCL13	NM_006419.2	chr4:77611831
CXCL8	NM_000584.3	chr4:73743713
CXCL9	NM_002416.2	chr4:76001472
CXCR1	NM_000634.2	chr2:218163327
CXCR3	NM_001504.1	chrX:71615921
CXCR4	NM_003467.2	chr2:136114351
CXCR5	NM_001716.4	chr11:118896261
CXCR6	NM_006564.1	chr3:45948347
DPP4	NM_001935.3	chr2:161992364
DUSP1	NM_004417.3	chr5:172768379
DUSP2	NM_004418.3	chr2:96143178
DUSP4	NM_001394.6	chr8:29333066
EGR1	NM_001964.2	chr5:138469025
EGR3	NM_004430.2	chr8:22687661
ENTPD1	NM_001776.5	chr10:95867909
EOMES	NM_005442.3	chr3:27715956
F5	NM_000130.4	chr1:169514171
FAS	NM_000043.5	chr10:89015783
FASLG	NM_000639.2	chr1:172666868
FBXO22	NM_012170.3	chr15:75930867
FOSB	NM_006732.2	chr19:45475177
FOSL1	NM_005438.4	chr11:65892223
FOXO1	NM_002015.3	chr13:40555770
FOXO3	NM_001455.3	chr6:108684778
FOXP1	NM_032682.5	chr3:70956127
FOXP3	NM_014009.3	chrX:49250440
FYB	NM_001465.4	chr5:39105321
FYN	NM_002037.5	chr6:111661342
GAPDH	NM_002046.5	chr12:6538369
GATA3	ENST00000346208.3	chr10:8074803
GHR	NM_000163.4	chr5:42721822
GIMAP2	NM_015660.2	chr7:150693637
GIMAP5	NM_018384.4	chr7:150743580
GIMAP7	NM_153236.3	chr7:150520994
GLG1	NM_012201.5	chr16:74451957
GNLY	NM_006433.4	chr2:85698743
GZMA	NM_006144.3	chr5:55110248
GZMB	NM_004131.4	chr14:24630959
GZMH	NM_033423.4	chr14:24606489
GZMK	NM_002104.2	chr5:55034131
GZMM	NM_005317.3	chr19:549911
HAVCR2	NM_032782.4	chr5:157086100
HLA-A	NM_002116.7	chr6:29945764
HLA-C	NM_002117.5	chr6:31268841
HLA-DMA	NM_006120.3	chr6:32948619
HLA-DMB	NM_002118.4	chr6:32934640
HLA-DPA1	NM_033554.3	chr6:33065163
HLA-DPB1	NM_002121.5	chr6:33086724
HLA-DQA1	NM_002122.3	chr6:32643128
HLA-DQB1	NM_002123.4	chr6:32659937
HLA-DRA	NM_019111.4	chr6:32444940

Gene	Transcript	Poly(A) position
HLA-DRB3	NM_022555.3	NT_113891.3:3934021
HMGB2	NM_002129.3	chr4:173331754
HMMR	NM_012484.2	chr5:163491938
ICAM1	NM_000201.2	chr19:10286614
ICOS	NM_012092.3	chr2:203961572
IER3	NM_003897.3	chr6:30743201
IER5	NM_016545.4	chr1:181090835
IFNG	NM_000619.2	chr12:68154770
IFNGR1	NM_000416.2	chr6:137197486
IKZF2	NM_016260.2	chr2:212999804
IL12A	NM_000882.3	chr3:159996019
IL12RB1	NM_005535.2	chr19:18059073
IL12RB2	NM_001559.2	chr1:67396900
IL13	NM_002188.2	chr5:132661111
IL15	ENST00000477265.5	chr4:141733457
IL15RA	NM_002189.3	chr10:5952389
IL17A	NM_002190.2	chr6:52190638
IL17F	NM_052872.3	chr6:52236686
IL18	NM_001562.3	chr11:112143262
IL18R1	NM_003855.3	chr2:102398774
IL18RAP	NM_003853.3	chr2:102452560
IL1R2	NM_004633.3	chr2:102028413
IL2	NM_000586.3	chr4:122451470
IL21	NM_021803.3	chr4:122612628
IL22	NM_020525.4	chr12:68248245
IL23R	NM_144701.2	chr1:67259979
IL25	NM_022789.3	chr14:23376403
IL2RA	NM_000417.2	chr10:6010694
IL2RB	NM_000878.3	chr22:37125929
IL3	NM_000588.3	chr5:132063203
IL31	NM_001014336.1	chr12:122172030
IL32	NM_004221.4	chr16:3069528
IL4	NM_000589.3	chr5:132682678
IL4R	NM_000418.3	chr16:27364776
IL5	NM_000879.2	chr5:132541445
IL6	NM_000600.4	chr7:22731997
IL6R	NM_000565.3	chr1:154469442
IL7R	NM_002185.3	chr5:35879599
IL9	NM_000590.1	chr5:135892246
IL9R	NM_002186.2	chrX:156010817
IRF4	NM_002460.3	chr6:411439
IRF8	NM_002163.2	chr16:85922602
ITGA4	NM_000885.5	chr2:181537748
ITGAE	NM_002208.4	chr17:3714684
ITGAL	NM_002209.2	chr16:30522993
ITGAM	NM_000632.3	chr16:31332867
ITGAX	NM_000887.4	chr16:31382866
ITGB2	NM_000211.4	chr21:44886059
ITK	NM_005546.3	chr5:157255099
JUN	NM_002228.3	chr1:58780888
JUNB	NM_002229.2	chr19:12793237
KIT	NM_000222.2	chr4:54740712
KLRB1	NM_002258.2	chr12:9595274
KLRC1	NM_002259.4	chr12:10446028
KLRC3	NM_002261.2	chr12:10412316
KLRC4	NM_013431.2	chr12:10407384
KLRF1	NM_016523.2	chr12:9844752
KLRG1	NM_005810.3	chr12:9010748
KLRK1	NM_007360.3	chr12:10372355

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LAG3	NM_002286.5	chr12:6778452
LAIR2	NM_002288.5	chr19:54510684
LAP3	NM_015907.2	chr4:17607967
LAT	NM_014387.3	chr16:28990782
LAT2	NM_014146.3	chr7:74229827
LCK	NM_005356.4	chr1:32286163
LEF1	NM_016269.4	chr4:108047550
LGALS1	NM_002305.3	chr22:37679799
LGALS3	NM_002306.3	chr14:55145306
LIF	NM_002309.4	chr22:30240453
LILRB4	NM_001278426.3	chr19:54668223
LRRC32	NM_005512.2	chr11:76657526
LTA	NM_000595.3	chr6:31574320
LTB	NM_002341.1	chr6:31580639
MKI67	NM_002417.4	chr10:128096666
MYC	NM_002467.4	chr8:127741273
NAMPT	NM_005746.2	chr7:106250045
NCR3	NM_147130.2	chr6:31588904
NINJ2	NM_016533.5	chr12:564298
NKG7	NM_005601.3	chr19:51371623
NT5E	NM_002526.3	chr6:85495791
OAS1	NM_016816.3	chr12:112919901
PASK	NM_015148.3	chr2:241106298
PDCD1	NM_005018.2	chr2:241849887
PECAM1	NM_000442.4	chr17:64322505
PIK3IP1	NM_052880.4	chr22:31281684
PMCH	NM_002674.3	chr12:102196459
PRDM1	NM_001198.3	chr6:106109933
PRF1	NM_005041.4	chr10:70597350
PTGDR2	NM_004778.2	chr11:60850935
PTTG2	NM_006607.2	chr4:37961010
PYCR1	NM_006907.3	chr17:81932398
RORA	NM_002943.3	chr15:60488351
RORC	NM_005060.3	chr1:151806109
RUNX3	NM_004350.2	chr1:24899758
S1PR1	NM_001400.4	chr1:101241369
SELL	NM_000655.4	chr1:169690670
SELPLG	NM_003006.4	chr12:108622282
SEMA7A	NM_003612.4	chr15:74409291
SLAMF1	ENST00000302035.10	chr1:160610402

Gene	Transcript	Poly(A) position
SPOCK2	NM_014767.2	chr10:72059034
SPP1	NM_000582.2	chr4:87983244
STAT1	NM_007315.3	chr2:190969036
STAT3	NM_003150.3	chr17:42313463
STAT4	NM_003151.3	chr2:191029580
STAT5A	NM_003152.3	chr17:42311938
STAT6	NM_003153.4	chr12:57095444
TARP_refseq	NM_001003799.1	chr7:38259643
TBX21	NM_013351.1	chr17:47746119
TCF7	NM_003202.3	chr5:134148043
TGFB1	NM_000660.5	chr19:41330916
TGFB3	NM_003239.3	chr14:75958157
TIAF1	NM_004740.3	chr17:29073522
TIGIT	ENST00000481065.5	chr3:114308282
TK1	NM_003258.4	chr17:78174093
TLR2	NM_003264.4	chr4:153705403
TLR9	NM_017442.3	chr3:52221083
TNF	NM_000594.3	chr6:31578328
TNFRSF18	NM_004195.2	chr1:1203510
TNFRSF1B	NM_001066.2	chr1:12209175
TNFRSF25	NM_003790.2	chr1:6461161
TNFRSF4	NM_003327.3	chr1:1211348
TNFRSF8	NM_001243.4	chr1:12144202
TNFRSF9	ENST00000377507.7	chr1:7919847
TNFSF10	NM_003810.3	chr3:172505681
TOP2A	NM_001067.3	chr17:40388528
TRAC	ENST00000611116.1	chr14:22552152
TRAT1	NM_016388.3	chr3:108854867
TRBC2	ENST00000466254.1	chr7:142802743
TRDC	ENST00000390477.2	chr14:22465788
TRIB2	NM_021643.3	chr2:12742729
TSPAN32	NM_139022.2	chr11:2318139
TXK	NM_003328.2	chr4:48066514
TYMS	NM_001071.2	chr18:673197
UBE2C	NM_007019.3	chr20:45816953
VNN2	NM_004665.4	chr6:132744043
XCL1	NM_002995.2	chr1:168582077
ZAP70	NM_001079.3	chr2:97739859
ZBED2	NM_024508.4	chr3:111592902
ZBTB16	NM_006006.4	chr11:114250673

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