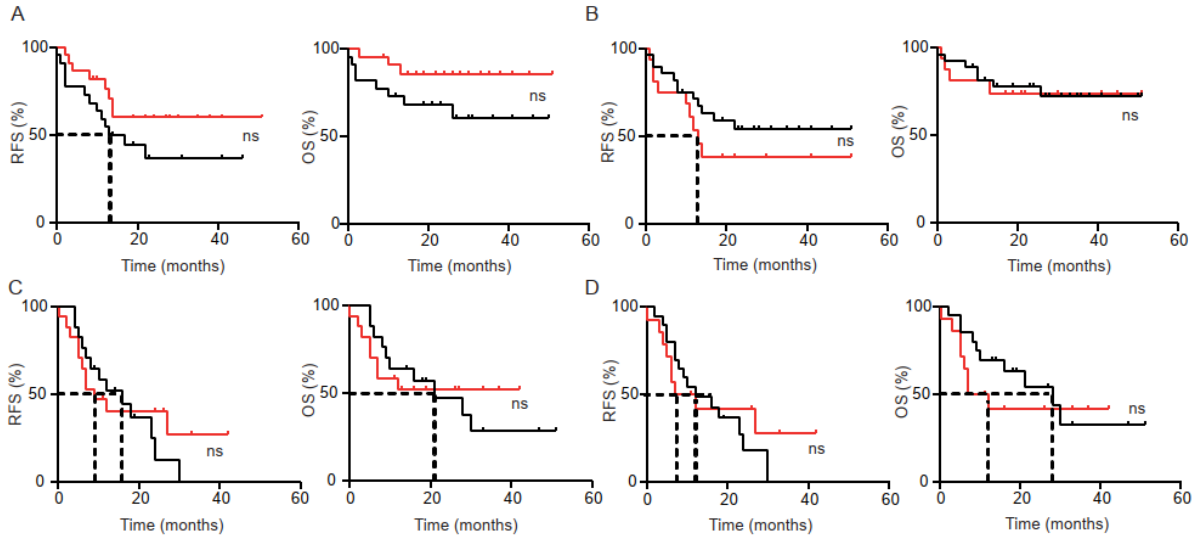
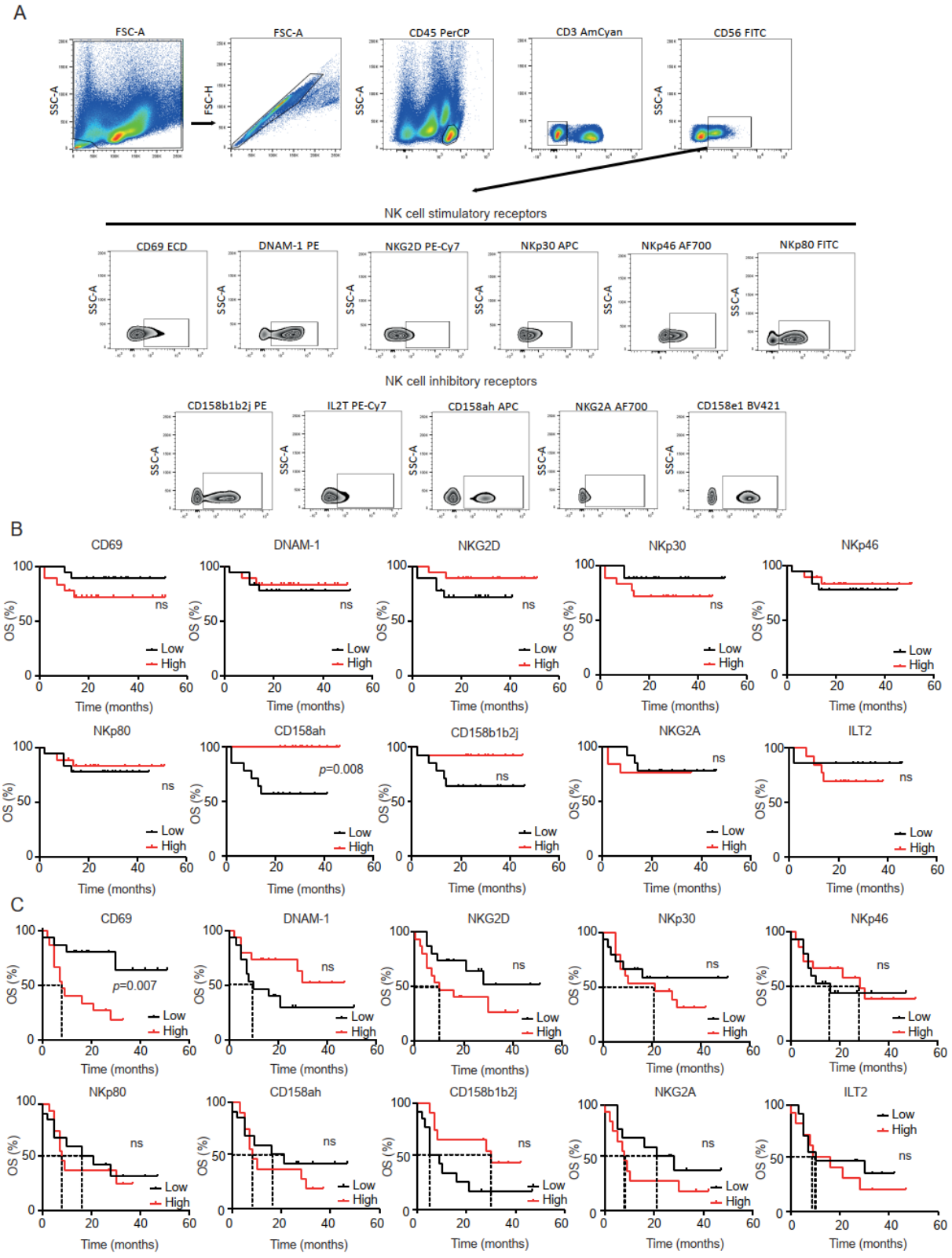
Supplemental Material

Supplemental figures



Supplemental figure 1. The prognostic role of $CD45^{+}CD3^{-}CD56^{dim}$ and $CD45^{+}CD3^{-}CD56^{bright}$ NK cells in M1+2 and M4+5 AML patients

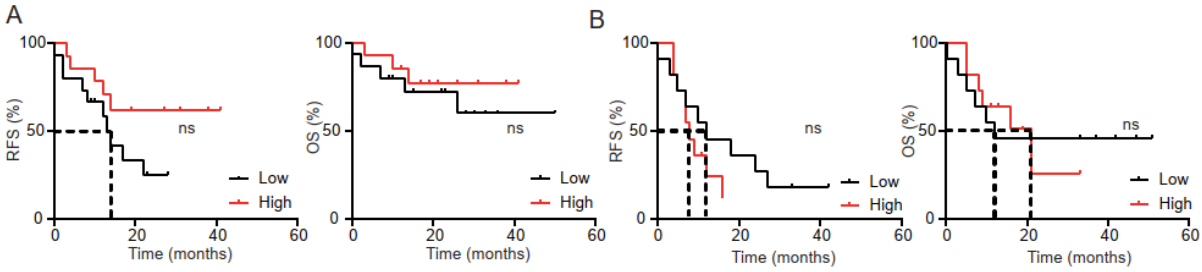
RFS and OS of 41 M1+2 AML patients stratified based on median percentage of circulating $CD45^{+}CD3^{-}CD56^{dim}$ NK cells **(A)** and $CD45^{+}CD3^{-}CD56^{bright}$ NK cells **(B)**. RFS and OS of 34 M4+5 AML patients stratified based on median percentage of circulating $CD45^{+}CD3^{-}CD56^{dim}$ NK cells **(C)** and $CD45^{+}CD3^{-}CD56^{bright}$ NK cells **(D)**. Survival curves were estimated by the Kaplan-Meier method and differences between groups were evaluated using log-rank test. Number of patients at risk is reported.


A
FSC-A
SSC-A
FSC-A
FSC-H
CD45 PerCP
SSC-A
CD3 AmCyan
CD56 FITC
SSC-A
NK cell stimulatory receptors
CD69 ECD
DNAM-1 PE
NKG2D PE-Cy7
NKp30 APC
NKp46 AF700
NKp80 FITC
SSC-A
NK cell inhibitory receptors
CD158b1b2j PE
IL2T PE-Cy7
CD158ah APC
NKG2A AF700
CD158e1 BV421
SSC-A
B
CD69
DNAM-1
NKG2D
NKp30
NKp46
NKp80
CD158ah
CD158b1b2j
NKG2A
ILT2
OS (%)
Time (months)
ns
p=0.008
Low
High
C
CD69
DNAM-1
NKG2D
NKp30
NKp46
NKp80
CD158ah
CD158b1b2j
NKG2A
ILT2
p=0.007
OS (%)
Time (months)
Low
High

Supplemental figure 2. The prognostic role of NK cells associated receptors in M1+2 and M4+5 AML patients

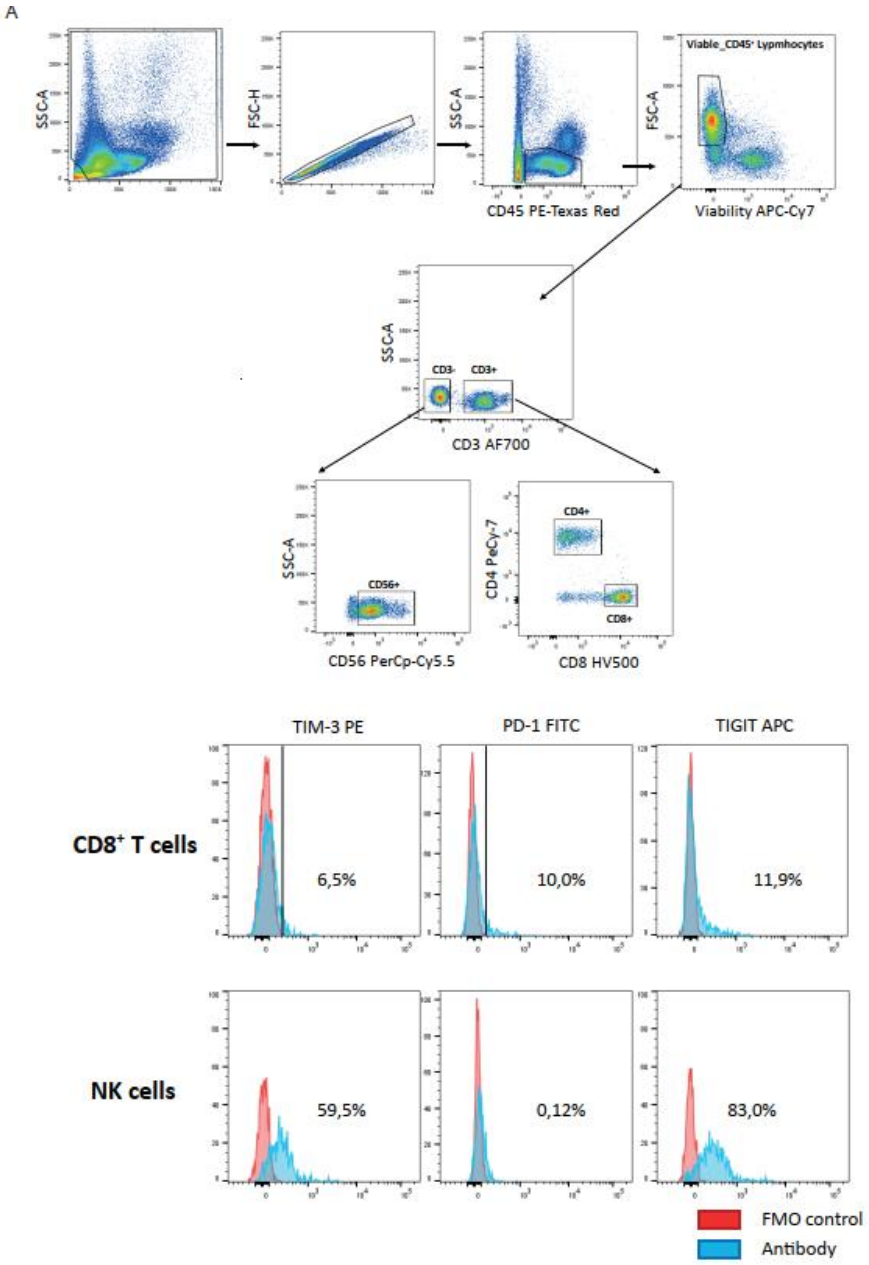
(A) Gating strategy for CD69, DNAM-1, NKG2D, NKp30, NKp46, NKp80, DNAM-1, CD158b1b2j, IL2T, CD158ah, NKG2A and CD158e1 $CD45^{+}CD3^{-}CD56^{+}$ NK cells.

OS of 41 M1+2 **(B)** and 34 M4+5 **(C)** AML patients based on median percentage of CD69, DNAM-1, NKG2D, NKp30, NKp46, NKp80, DNAM-1, CD158b1b2j, IL2T, CD158ah, NKG2A and CD158e1 $CD45^{+}CD3^{-}CD56^{+}$ NK cells. Survival curves were estimated by the Kaplan-Meier method and differences between groups were evaluated using log-rank test.



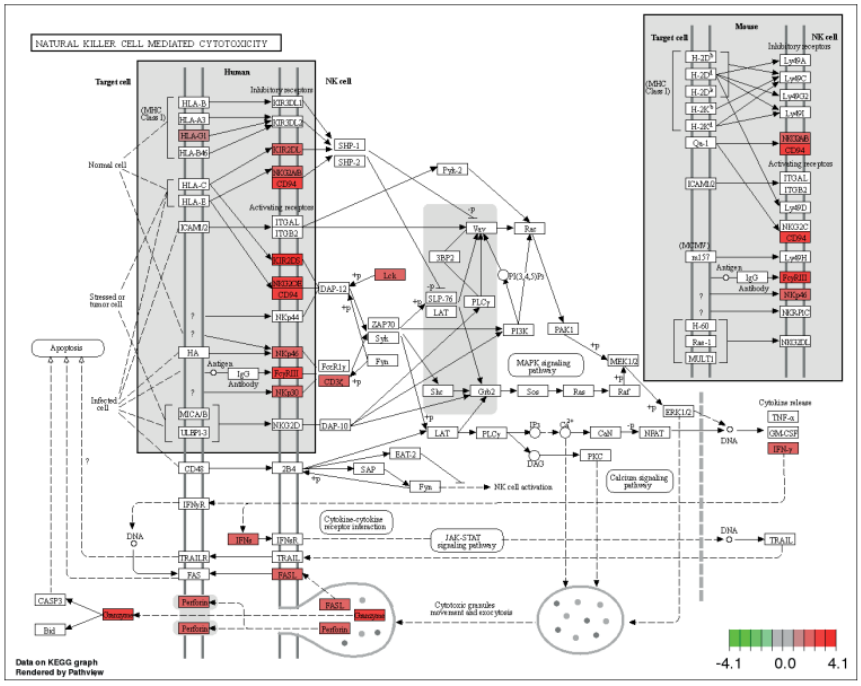
Supplemental figure 3. **The prognostic role of cytotoxic NK cells in M1+2 and M4+5 AML patients**

RFS and OS of 41 M1+M2 **(A)** and 34 M4+5 **(B)** AML patients based on the percentage of IFN-γ^+ $CD45^+CD3^-CD56^+$ NK cells after PMA + Ionomycin stimulation. Survival curves were estimated by the Kaplan-Meier method and differences between groups were evaluated using log-rank test. Number of patients at risk is reported.

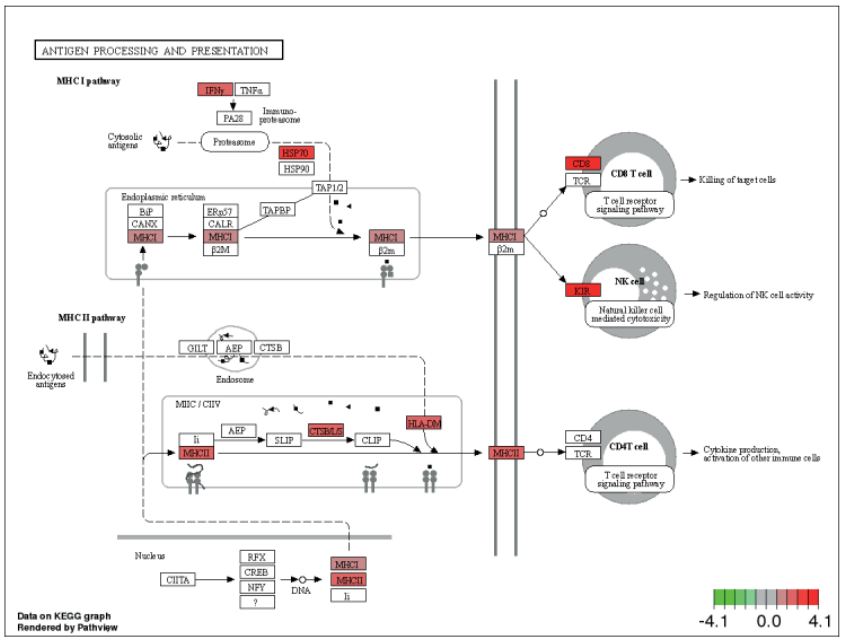


Supplemental figure 4. Gating strategy for TIM-3$^+$, PD-1$^+$ and TIGIT$^+$ CD45$^+$CD3$^-$ CD56$^+$ NK cells and CD8$^+$ T cells in AML patients.

A

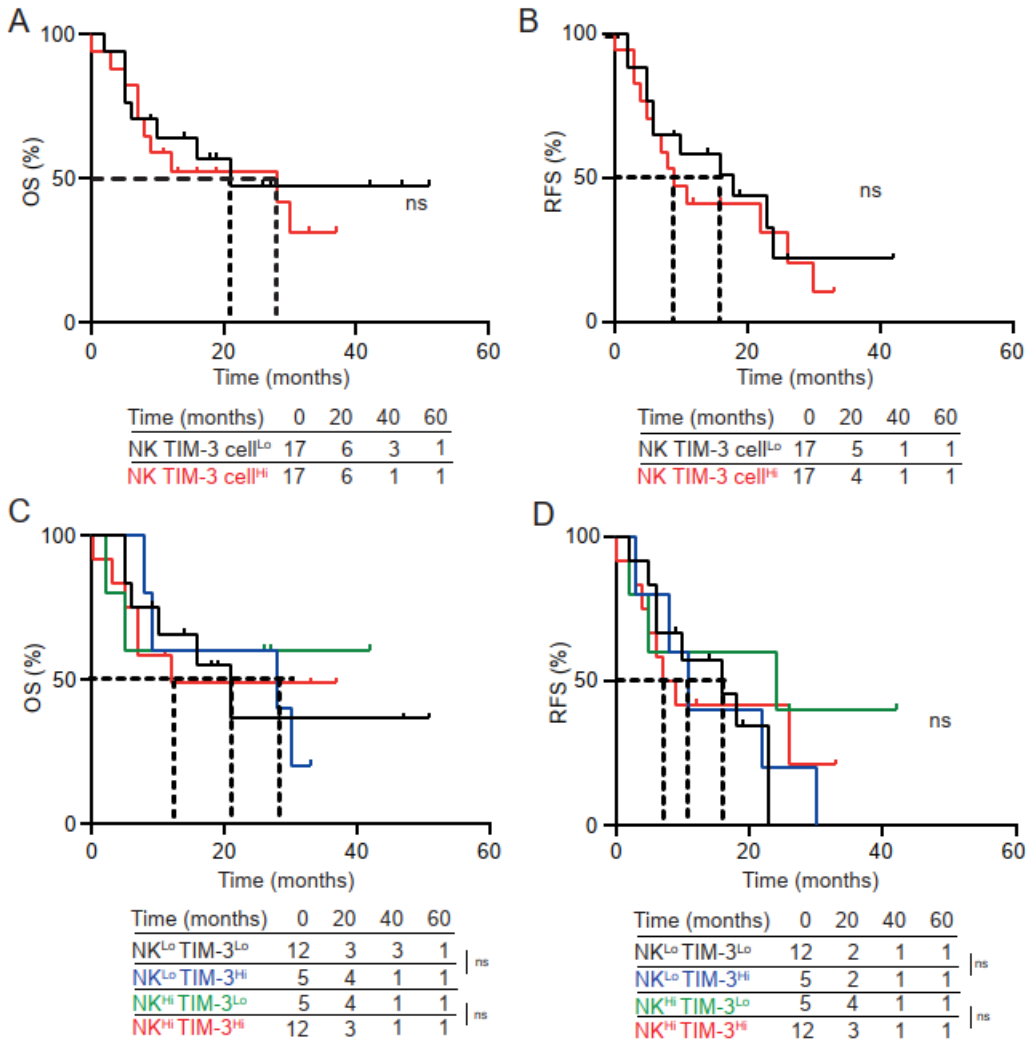


B



Supplemental figure 5. KEGG pathway enrichment analysis in TIM^{Hi} NK cells AML patients

KEGG analyses of differentially expressed genes associated with natural killer cell cytotoxicity **(A)** and antigen processing and presentation **(B)** pathways significantly upregulated in TIM-3^{Hi} NK cell AML patients, as determined by RNA-sequencing.



Supplemental figure 6. TIM-3 exposure of NK cells correlates with improve relapse free survival in AML patients

(A) OS and **(B)** RFS of 34 M4+5 AML patients stratified based on median percentage of circulating TIM-3^{+}CD45^{+}CD3^{-}CD56^{+} NK cells. **(C)** OS and **(D)** RFS of 34 M4+5 AML patients stratified based on median percentage of circulating TIM-3^{+}CD45^{+}CD3^{-}CD56^{+} NK cells and CD45^{+}CD3^{-}CD56^{+} NK cells. Survival curves were estimated by the Kaplan-Meier method and differences between groups were evaluated using log-rank test. Number of patients at risk is reported.

Parameter	source	Producer	Clone	Fluorochrome	Dilution
CCR7	mouse	BioLegend	G043H7	PerCP-Cy5.5	6:100
CD3	mouse	EXBIO	MEM-57	Alexa Fluor 700	5:100
CD3	mouse	BD Biosciences	SK7	AmCyan	6:100
CD4	mouse	eBioscience	RPA-T4	PE-Cy7	5:100
CD4	mouse	Beckman Coulter	SFCI12T4D11	ECD	5:100
CD8	mouse	BD Biosciences	RPA-T8	HV500	5:100
CD11c	mouse	EXBIO	BU15	APC	6:100
CD14	mouse	EXBIO	MEM-15	FITC	6:100
CD16	mouse	BioLegend	3G8	Pacific Blue	6:100
CD45	mouse	BD Biosciences	HI30	HV500	5:100
CD45	mouse	Life Technologies	HI30	PE-Texas Red	6:100
CD45	mouse	EXBIO	MEM-28	PerCP	6:100
CD45	mouse	BioLegend	HI30	Pacific Blue	6:100
CD45	mouse	EXBIO	MEM-28	PE	2:100
CD45	mouse	EXBIO	MEM-56	RA PE	6:100
CD56	mouse	Beckman Coulter	N901	ECD	3:100
CD56	mouse	BioLegend	MEM-188	PerCP-Cy5.5	6:100
CD56	mouse	EXBIO	MEM-188	FITC	6:100
CD62L	mouse	EXBIO	DREG56	FITC	5:100
CD69	mouse	Beckmann Coulter	TP1.55.3	ECD	6:100
CD86	mouse	BD Biosciences	FUN-1	Alexa Fluor 700	6:100
CD107a	mouse	BioLegend	H4A3	FITC	8:100
CD158a/h/g	mouse	eBioscience	HP-MA4	APC	6:100
CD158b1/b2,j	mouse	Beckman Coulter	GL183	PE	6:100
CD158e1	mouse	BioLegend	DX9	Brilliant Violet 421	6:100
DNAM-1	mouse	BioLegend	11A8	PE	6:100
Granzyme B	mouse	BD Biosciences	GB11	Brilliant Violet 421	4:100
HLA-DR	mouse	BD Biosciences	L243	PE-Cy7	6:100
IFN-γ	mouse	eBioscience	4S.B3	PE-Cy7	1:100
ILT2	mouse	BioLegend	GHI/75	PE-Cy7	6:100
IL-15Rα	mouse	BioLegend	JM7A4	PE	6:100
NKG2A	mouse	R&D Systems	131411	Alexa Fluor 700	6:100
NKG2D	mouse	BioLegend	1D11	PE-Cy7	6:100
NKp30	mouse	BioLegend	P30-15	APC	6:100
NKp46	mouse	BioLegend	9E 2	Alexa Fluor 700	6:100
NKp80	mouse	Miltenyi Biotec	4A4.D10	FITC	6:100

Perforin	mouse	BioLegend	dG9	APC	4:100
PD-1	mouse	BioLegend	EH12.2H7	APC	6:100
PD-1	mouse	BioLegend	EH12.2H7	FITC	6:100
TIGIT	mouse	BioLegend	A15153G	APC	6:100
TIGIT	mouse	BioLegend	A15153G	PerCP/Cy5.5	6:100
TIM3	mouse	BioLegend	E38-2E2	PE	3:100

Supplemental Table 1. The list of antibodies used for flow cytometry

Variable	Total (n=14)
Subtypes (FAB)	M1+M2 (9)
	M4+M5 (5)
	Total (14)
Age at diagnosis	
< 50 years	8 (57%)
≥ 50 years	6 (43%)
Median (years)	46
Range (years)	36-73
Sex	
Male	4 (29%)
Female	10 (71%)
Cytogenetic profile	
Favorable	2 (14%)
Intermediate	8 (72%)
Unfavorable	2 (14%)

Supplemental Table 2. Main clinical and biological characteristic of AML patients analysed by RNA-sequencing

Gene symbol	Fold Change (log2)	adj. p-value
KIAA0319	4.06	0.022084661
NFIB	4.06	0.00305005
CCL4	3.30	3.4092E-05
SPESP1	3.24	0.001093202
CXCL5	3.17	0.001093202
TUBB1	3.07	0.001093202
CCL4L2	3.06	0.002304125
GPAT2	3.00	0.002596374
CXCL8	2.99	0.002547165
KCNJ15	2.96	0.002279718
ADM	2.94	0.000609085
DMRTC2	2.93	0.007900631
GNAZ	2.91	7.60439E-05
TRAPPC3L	2.91	0.003150989
FCGR3A	2.86	0.049817777
SPOCD1	2.85	0.005441447
CNN1	2.84	0.006633405
SCGB1C1	2.84	0.00922574
NR4A3	2.82	0.015718923
TGFBR3	2.80	0.000203304
S1PR5	2.75	0.000880611
DTHD1	2.75	0.002279718
SLC1A7	2.73	0.005248438
G0S2	2.71	0.00690746
PPP2R2B	2.67	0.002046256
LINGO2	2.64	0.016952589
GZMH	2.63	0.00231749
LYVE1	2.62	0.009167711
GZMB	2.61	0.002046256
APOBEC3A	2.59	0.002046256
FFAR2	2.59	0.005759365
FCRL6	2.57	0.002370032
KLRD1	2.57	0.000880611
CYP1B1	2.57	0.012561753
HSPA6	2.56	0.003285611
MYBL1	2.55	0.000951806
KLRC2	2.55	0.010583001
TIGIT	2.55	0.049483884
UNC45B	2.55	0.002613539
KU645196.1	2.54	0.026809791
DUSP8	2.54	0.000680045
TBX21	2.54	0.002370032
KU645196.2	2.53	0.027583132
ENKUR	2.53	0.002259564
IL32	2.52	0.001160956
PDZD4	2.51	0.003693448
LDHAL6A	2.50	0.023594384
LLCFC1	2.50	0.03031433
BTNL3	2.49	0.022123665

FFAR1	2.48	0.035662512
IL2RB	2.48	0.001687281
TPRG1	2.48	0.003403205
SCGB1C2	2.47	0.036377476
SPDYC	2.46	0.013990923
NTN4	2.45	0.013108379
TRPV4	2.45	0.025747157
REM2	2.45	0.004561715
CABP5	2.45	0.025846156
PRSS22	2.44	0.03431436
PTGS2	2.44	0.018151863
PF4	2.44	0.024944448
GZMA	2.44	0.001446301
RGS9	2.43	0.002259564
CTTN	2.42	0.005575856
ADRA2B	2.42	0.035662512
PVALB	2.41	0.043511916
DGKK	2.41	0.031241957
RORA	2.41	0.001612909
TRHDE	2.40	0.037194059
NCKAP1	2.40	0.000637085
CACNA1E	2.40	0.028212223
SGK1	2.40	0.008116269
VIL1	2.39	0.003386334
MCC	2.39	0.006080319
CCDC74A	2.39	0.030051305
CD8A	2.38	0.004902559
CD8B2	2.37	0.000678669
FAM110C	2.37	0.032480397
NPHS1	2.37	0.041129351
GNAO1	2.37	0.005045372
PPBP	2.37	0.024636701
HLA-DRB1	2.36	0.027051992
B3GAT1	2.36	0.007007965
CREB5	2.36	0.012537124
PYHIN1	2.36	0.001455535
FASLG	2.35	0.013108379
STEAP4	2.34	0.03342556
SMPDL3A	2.34	0.021541491
SFN	2.33	0.005441447
PRF1	2.33	0.002499855
PCSK6	2.33	0.009186177
ABLIM3	2.32	0.020456819
NUAK2	2.32	0.005441447
UTS2	2.32	0.013119527
TMEM119	2.31	0.005738826
GZMM	2.31	0.003016633
IFNG	2.30	0.030589081
RGS6	2.29	0.007855192
GPR68	2.29	0.00623777

GRB14	2.29	0.028212223
PADI2	2.29	0.012945974
GU182347.1	2.29	0.034282691
PDE5A	2.28	0.013567296
HEY2	2.28	0.034447682
CRYBG2	2.28	0.002721092
CALD1	2.28	0.024944448
CCIN	2.28	0.009759026
LEXM	2.27	0.009186177
TTC16	2.26	0.008072511
RAMP3	2.26	0.038296073
EOMES	2.26	0.008116269
BEND2	2.26	0.033982336
SIGLEC10	2.26	0.002499855
TLE2	2.25	0.004902559
SAMD3	2.25	0.005467982
MYEOV	2.25	0.022327306
NOX5	2.25	0.048189773
FRMPD3	2.24	0.017888894
SLC45A4	2.24	0.047701493
AQP9	2.24	0.035604381
TMPRSS6	2.24	0.01122817
XCL2	2.23	0.004385227
PCDH1	2.22	0.035191454
GZMK	2.22	0.012537124
GNLY	2.22	0.020456819
HEATR9	2.22	0.005045372
FAM71A	2.21	0.049062651
NRN1	2.20	0.017805223
SEC14L5	2.20	0.01122817
CD247	2.20	0.006892211
AC068775.1	2.19	0.035311219
MCOLN2	2.18	0.005759365
CAMK1	2.18	0.022084661
SELP	2.18	0.022084661
SYNE2	2.18	0.008072511
NAMPT	2.17	0.012945974
ZNF365	2.16	0.044900713
PLCH2	2.16	0.007280783
PDCD1	2.16	0.015453972
SOX13	2.16	0.034209486
NSG1	2.16	0.017174011
CCL5	2.16	0.009167711
RORC	2.16	0.005425757
KU645196.5	2.15	0.018289187
FXYD7	2.14	0.038563027
LGR6	2.14	0.013775286
ITGB5	2.14	0.016264443
CD300LD	2.14	0.045061122
RGS17	2.14	0.042649094

CXCL10	2.14	0.031241957
KIR3DS1	2.14	0.01969768
RBPMS2	2.13	0.028212223
PHLDB2	2.13	0.00440266
CD8B	2.13	0.018151863
KLRC1	2.12	0.028212223
AOC3	2.11	0.041597202
KIF5C	2.11	0.007200822
MPIG6B	2.11	0.017888894
SNX25	2.11	0.000951806
OSM	2.10	0.01705098
PDZK1IP1	2.10	0.026372812
CD3E	2.10	0.018171369
SOWAHC	2.09	0.037578195
PLIN4	2.09	0.022711157
HCAR3	2.09	0.022311285
AC011476.9	2.09	0.019201377
AC011476.4	2.09	0.019201377
AC011476.10	2.09	0.019201377
AC011476.11	2.09	0.019201377
AC011476.5	2.09	0.019201377
AC011476.6	2.09	0.019201377
RASGRF2	2.09	0.009186177
THEMIS	2.08	0.01913541
ETV7	2.08	0.040101371
PROS1	2.08	0.019663695
ARAP3	2.08	0.021373057
AL133414.4	2.07	0.043314024
TMPRSS3	2.07	0.032370032
KREMEN1	2.07	0.042239212
INKA2	2.07	0.021326499
PPP1R3B	2.07	0.006633405
CD160	2.06	0.0099068
BNC2	2.05	0.022311285
TSPAN18	2.05	0.006544594
GP9	2.04	0.024136213
AOC2	2.03	0.049085523
CCL3	2.03	0.034768778
PLEKHG3	2.03	0.025846156
GRAP2	2.02	0.02102085
CACNA2D2	2.02	0.019643903
ZNF483	2.01	0.023639653
OR52K1	2.01	0.038563027
OR52K2	2.01	0.047701493
GPR25	2.00	0.013971708
ZBP1	2.00	0.030589081
FCRL3	1.99	0.007538977
CX3CR1	1.98	0.029360577
LILRB3	1.98	0.044936741
ACSL6	1.97	0.010835451

XCL1	1.96	0.02061213
ELOVL7	1.96	0.040733711
SOCS3	1.96	0.003065353
CD3G	1.95	0.04212533
BCL6	1.95	0.016767959
RASGRP1	1.95	0.011170334
BCL11B	1.94	0.025747157
LCK	1.94	0.017888894
TMEM169	1.94	0.013584708
NINJ1	1.93	0.036377476
CTLA4	1.93	0.033510841
BICDL1	1.93	0.022327306
PRSS23	1.92	0.041380759
NCR1	1.92	0.025846156
HCAR2	1.91	0.038563027
SOD2	1.91	0.013080402
FCGR2A	1.90	0.038585325
CR1	1.90	0.045239126
SLC30A4	1.90	0.005355729
DNAH8	1.89	0.045783287
NRGN	1.89	0.049672701
AC034228.3	1.89	0.007047204
AC139491.7	1.89	0.043384792
CLIC5	1.88	0.016297162
SCML1	1.87	0.009186177
IKZF3	1.87	0.009529302
FBXL16	1.87	0.034282691
NEDD9	1.87	0.034272866
BCL2A1	1.86	0.040347781
IGF2R	1.85	0.045030606
EPHA4	1.85	0.038002331
ZFP36L1	1.85	0.023639653
SUSD4	1.85	0.043314024
PTGDR	1.84	0.024828194
NR4A1	1.83	0.048019866
CTSL	1.82	0.047701493
CEBPB	1.81	0.008563943
IL18RAP	1.81	0.025667781
NCAM1	1.81	0.030589081
CCDC65	1.80	0.037500999
AFDN	1.80	0.00963224
LTA	1.79	0.034762269
SBK1	1.79	0.018578574
BOK	1.79	0.046479796
GALM	1.78	0.015076917
C1orf61	1.78	0.007047204
MXD1	1.78	0.037985423
RADX	1.77	0.041380759
MAPK13	1.77	0.029778135
ADGRB2	1.77	0.033903119

CSF2RB	1.76	0.023823162
ICOS	1.76	0.044935541
TNFSF14	1.75	0.047701493
C13orf46	1.74	0.030511106
DOCK9	1.73	0.037985423
MAN1C1	1.72	0.014345453
PRDM1	1.72	0.022535981
MAK	1.70	0.049151306
PERP	1.70	0.04655761
SELENOM	1.70	0.033127037
SMAD7	1.69	0.007740857
CAMK2N1	1.69	0.029777667
OTUD1	1.68	0.040733711
CD6	1.68	0.0366257
ARL4C	1.68	0.006892211
GPR155	1.67	0.045030606
ADAMTSL5	1.67	0.040793598
NCR3	1.67	0.033650098
DTX1	1.66	0.035662512
GPR137B	1.65	0.007538977
APBB1	1.64	0.017888894
LMTK3	1.64	0.003285611
PBX1	1.64	0.028648986
GADD45B	1.64	0.021745889
MAP3K7CL	1.63	0.033898986
SAT1	1.62	0.046758632
KLRG1	1.62	0.027051992
GPRIN3	1.60	0.046362476
PSTPIP1	1.59	0.044936741
NUGGC	1.59	0.029728041
HEG1	1.57	0.024115879
NFKB2	1.57	0.014419059
TMEM158	1.56	0.021499596
RAB11FIP4	1.56	0.04189561
SIPA1L2	1.56	0.043511916
HNRNPLL	1.54	0.004902559
RNF149	1.53	0.045783287
TNNC2	1.53	0.028859788
MMD	1.52	0.005248438
TNFAIP3	1.52	0.004397143
MAST3	1.52	0.047989011
PPP1R13B	1.51	0.040733711
PTGS1	1.49	0.000561659
SEMA4B	1.47	0.049897482
DMPK	1.47	0.047701493
HLA-G	1.40	0.013116657
NTNG2	1.40	0.030610608
PVRIG	1.38	0.032517889
PRRT2	1.37	0.034505668
FLT3LG	1.37	0.040386294

EFHD2	1.33	0.044936741
PLEKHG1	1.33	0.032727686
BCL3	1.33	0.015205334
GRK5	1.33	0.037516586
TTC39B	1.32	0.040733711
BRINP2	1.30	0.021125371
FAM110A	1.29	0.009186177
MEGF10	1.28	0.032480397
LRP10	1.26	0.037552468
AMPD2	1.26	0.012470729
IRF2BPL	1.24	0.024056029
SYNE1	1.23	0.035662512
HGD	1.21	0.049817777
NFKBIA	1.21	0.013735155
ARHGAP9	1.20	0.033982336
RASSF5	1.19	0.044935541
VASP	1.19	0.037985423
PFKFB3	1.18	0.024338967
TADA2B	1.18	0.038563027
CHD7	1.18	0.042688261
KIF21B	1.17	0.017308174
RASA3	1.17	0.002883077
AC069368.1	1.17	0.040733711
SBNO2	1.16	0.009529302
JAK3	1.16	0.027051992
OSGIN1	1.08	0.021464349
TCAF2	1.05	0.044885209
NMRK1	1.04	0.002613539
MIDN	1.02	0.030610608
MAP1LC3B2	1.02	0.031603011
CST7	1.01	0.038285365
SEMA3F	-1.03	0.007538977
TMEM237	-1.05	0.019201377
VSIG10	-1.10	0.049726482
POGLUT3	-1.11	0.003055628
CCDC34	-1.22	0.001725747
FBXO15	-1.23	0.026809791
PPP1R36	-1.24	0.028845015
KIF16B	-1.29	0.040002278
NT5DC2	-1.32	0.019515085
BCL7A	-1.37	0.024811146
MARCHF3	-1.39	0.009186177
CCT6B	-1.39	0.010821483
URAD	-1.46	0.045783287
ARHGEF39	-1.50	0.030511106
ACOT4	-1.50	0.033891073
SSPN	-1.56	0.045860628
ARMC9	-1.58	0.033127037
EPB41L1	-1.63	0.045783287
RIMKLA	-1.78	0.044885209

B3GALNT1	-1.82	0.017421601
DCLK2	-1.84	0.04551261
C1QTNF4	-1.85	0.04551261
PTGR1	-1.86	0.013907113
TNFRSF19	-1.90	0.047701493
AMH	-1.90	0.014419059
CCL25	-1.97	0.045860628
SOCS2	-1.98	0.042649094
SLC12A5	-1.98	0.049897482
PCDHB2	-2.00	0.032370032
CBLN2	-2.00	0.019006528
FSTL1	-2.02	0.040793598
ALPK3	-2.02	0.048598822
GALR3	-2.03	0.045976793
SCUBE2	-2.03	0.044885209
SAXO2	-2.04	0.023676295
H1-3	-2.05	0.042640687
TRPA1	-2.05	0.022311285
FZD4	-2.09	0.033903119
KHDRBS3	-2.11	0.047061952
SH2D4A	-2.12	0.034447682
GUCY2D	-2.14	0.024811146
TPBG	-2.15	0.027051992
ALDH7A1	-2.16	0.000880611
TMEM132E	-2.16	0.023818401
NCS1	-2.17	0.032727686
MET	-2.17	0.022084661
NKD1	-2.19	0.014160409
SLC44A5	-2.20	0.022084661
KITLG	-2.21	0.04835701
SPAG6	-2.21	0.044935541
KIF26A	-2.22	0.045030606
SEZ6L2	-2.23	0.038563027
ZNF648	-2.23	0.034367319
UGT3A2	-2.24	0.03218586
PRG3	-2.25	0.048019866
KLRF2	-2.25	0.0422533
AADAC	-2.26	0.030702379
PRKD1	-2.27	0.049817777
HHIPL1	-2.27	0.047061952
MIP	-2.27	0.037852112
CRYGD	-2.28	0.034272866
SCN2A	-2.29	0.044885209
SLCO1B3-SLCO1B7	-2.29	0.019663695
ANGPT2	-2.29	0.042239212
AMOTL2	-2.30	0.042640687
LONRF2	-2.30	0.018151863
PPP1R27	-2.31	0.038834979
BEND4	-2.34	0.033899265
SLCO1B3	-2.37	0.00937373

BHLHE41	-2.38	0.011307834
TSKU	-2.39	0.032480397
VWA3B	-2.41	0.036377476
RASSF6	-2.44	0.032370032
HOXA13	-2.44	0.022311285
MYO1B	-2.46	0.015076917
ADGRL3	-2.48	0.024136213
PRXL2A	-2.48	0.011339805
MYMX	-2.48	0.029360577
JPH1	-2.49	0.021977722
SCG2	-2.51	0.02061213
MYRIP	-2.51	0.012945974
SLC44A3	-2.55	0.016241583
C2CD4B	-2.60	0.005934077
MMP7	-2.60	0.007538977
SMO	-2.61	0.002499855
KCNIP3	-2.62	0.013987858
FERMT1	-2.62	0.002692987
GPX8	-2.63	0.025747157
VWDE	-2.64	0.012913179
NDST3	-2.64	0.010954028
C8orf48	-2.64	0.016339657
GPC5	-2.65	0.013055714
SMAD9	-2.69	0.013492064
IGLON5	-2.69	0.011877937
SLC16A2	-2.70	0.004708501
CCDC8	-2.73	0.0029912
AIF1L	-2.73	0.005632332
SRPX	-2.74	0.008573763
DNAJC12	-2.76	0.006181868
CNN3	-2.76	0.003386334
TEAD4	-2.83	0.004926138
ARSL	-2.87	0.002596374
GOLGA8M	-2.89	0.003194937
EPCAM	-2.89	0.004561715
SCN9A	-2.90	0.004385227
PI15	-2.93	1.14632E-08
RASSF10	-2.96	0.008072511
H1-5	-3.02	0.002892602
ZNF214	-3.03	0.001093202
PTPRG	-3.09	0.001959552
CLSTN2	-3.18	0.000561659
CDH4	-3.21	0.001093202
VSTM4	-3.29	0.000731444
SCARA3	-3.30	0.000561659
ARHGAP44	-3.40	0.000544122
C2orf72	-3.42	0.000618989
PARD3B	-3.51	0.000396384
GPC4	-3.55	0.000189798

Supplemental Table 3. Genes differentially represented in TIM-3^{Lo} and TIM-3^{Hi} CD45^{+}CD3^{-}CD56^{+} NK cells AML patients as determined by RNA-sequencing.