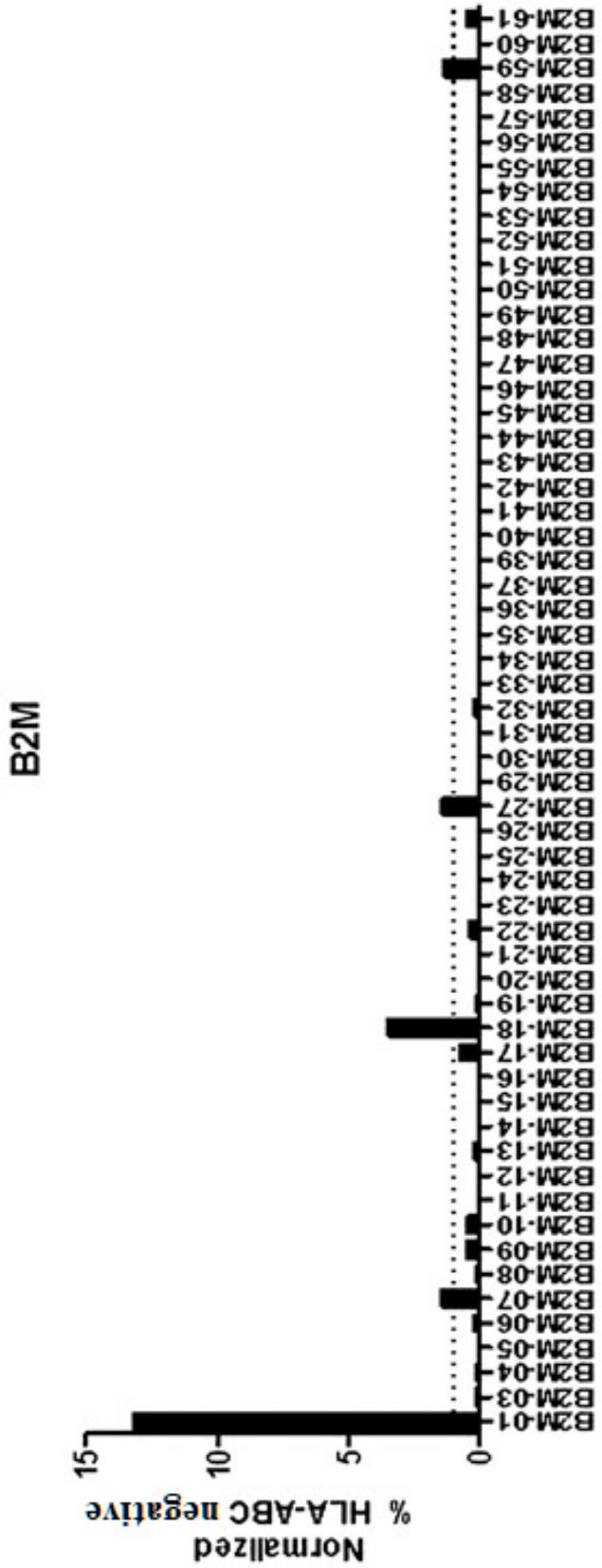
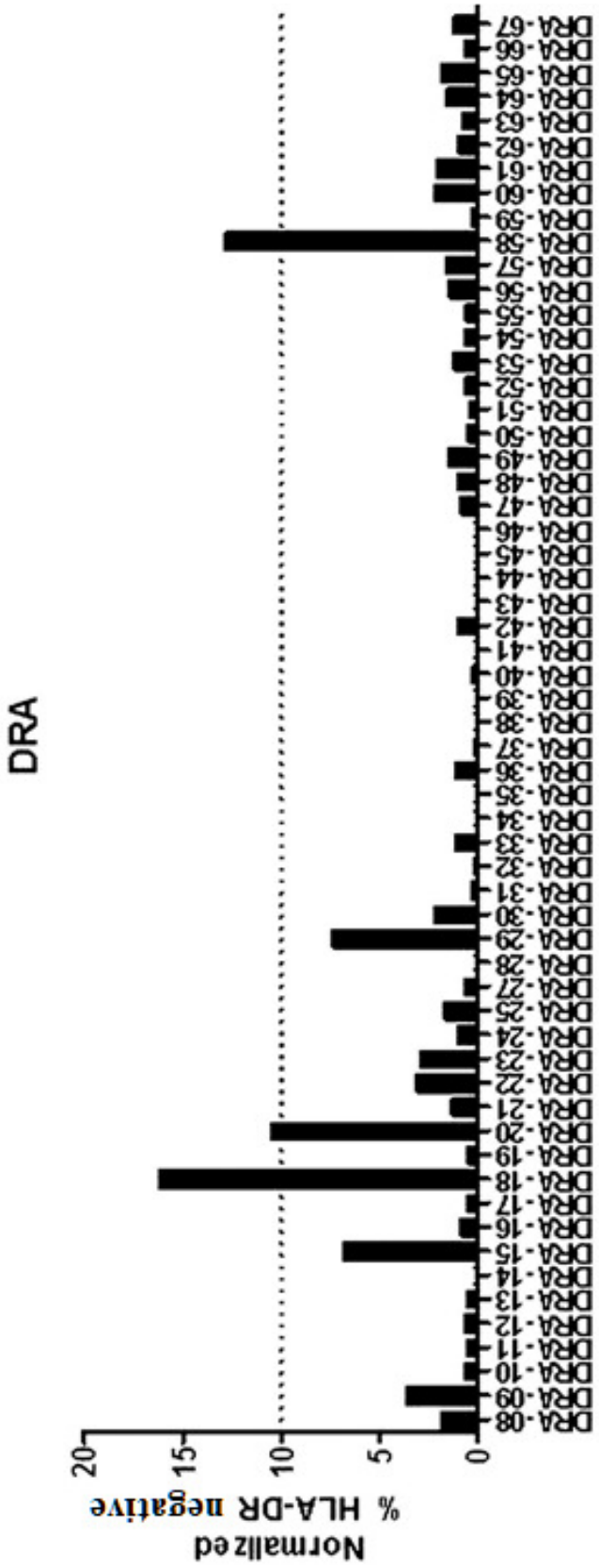
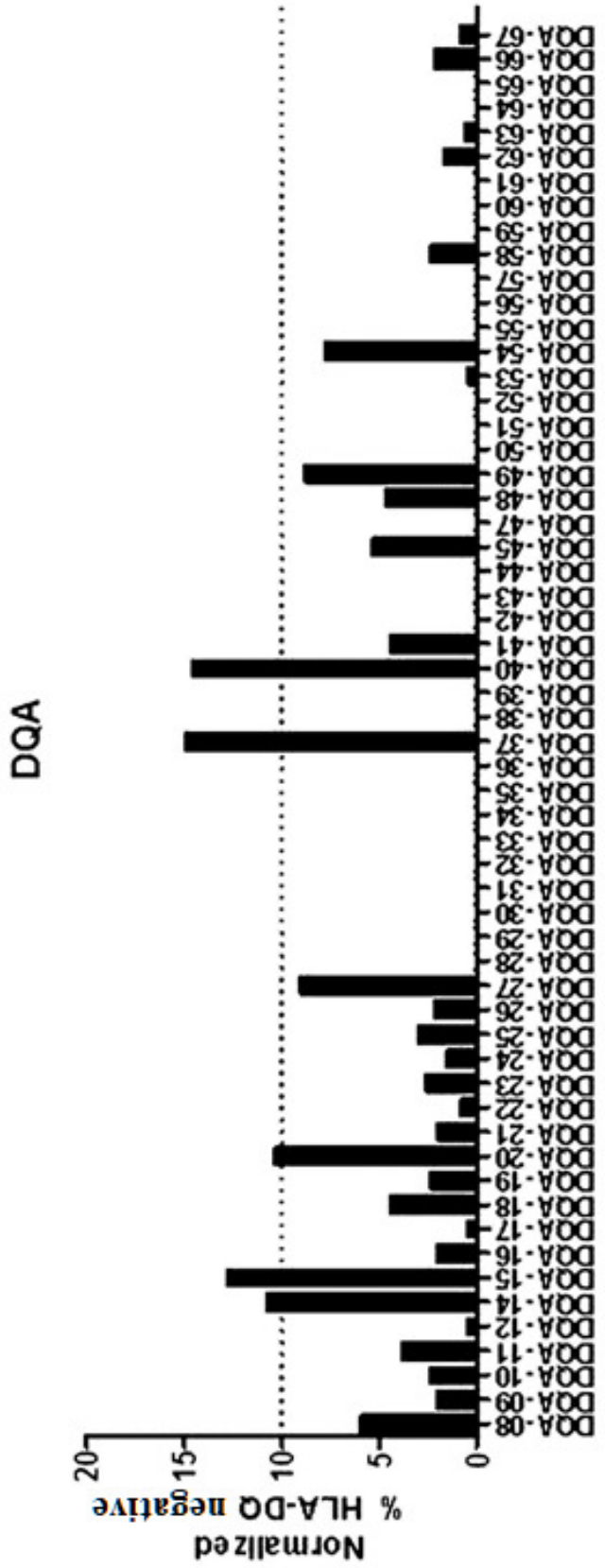
[Fig. 1]


B2M
Normalized % HLA-ABC negative
0
5
10
15
B2M-01
B2M-03
B2M-04
B2M-05
B2M-06
B2M-07
B2M-08
B2M-09
B2M-10
B2M-11
B2M-12
B2M-13
B2M-14
B2M-15
B2M-16
B2M-17
B2M-18
B2M-19
B2M-20
B2M-21
B2M-22
B2M-23
B2M-24
B2M-25
B2M-26
B2M-27
B2M-29
B2M-30
B2M-31
B2M-32
B2M-33
B2M-34
B2M-35
B2M-36
B2M-37
B2M-39
B2M-40
B2M-41
B2M-42
B2M-43
B2M-44
B2M-45
B2M-46
B2M-47
B2M-48
B2M-49
B2M-50
B2M-51
B2M-52
B2M-53
B2M-54
B2M-55
B2M-56
B2M-57
B2M-58
B2M-59
B2M-60
B2M-61

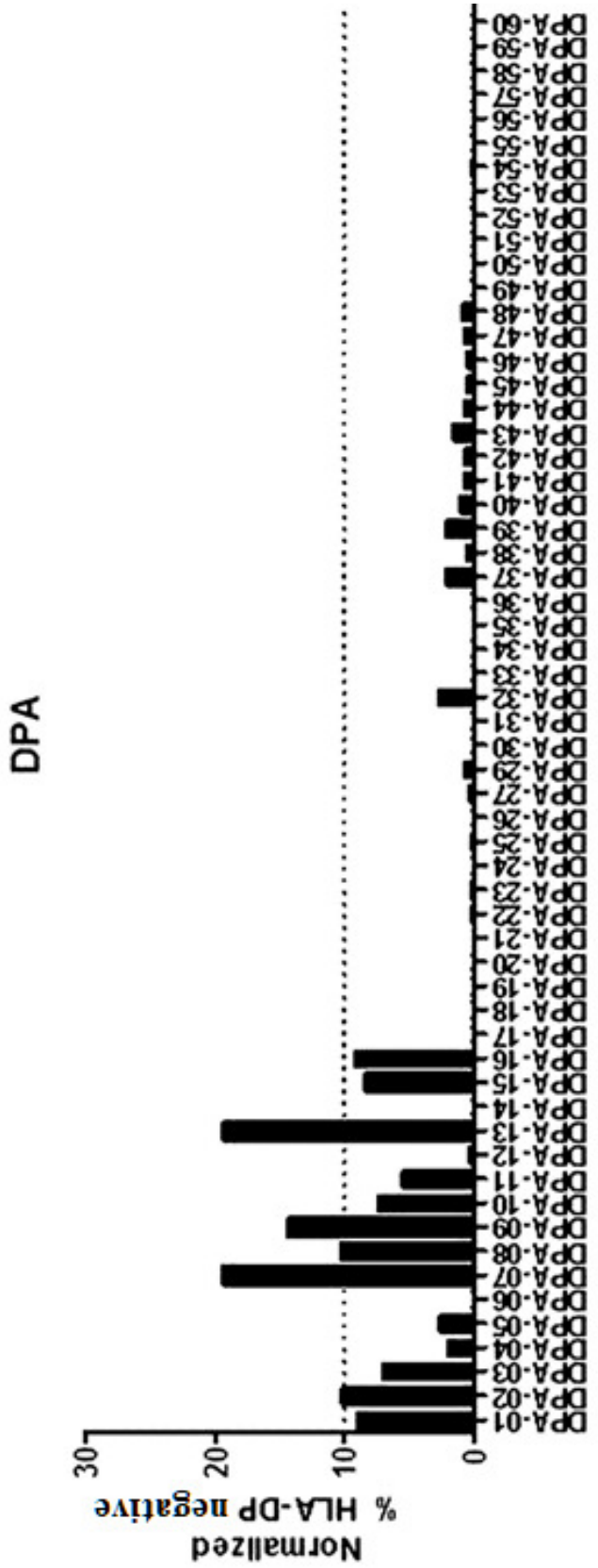
[Fig. 2]


DRA
Normalized % HLA-DR negative
0
5
10
15
20
DRA-08
DRA-09
DRA-10
DRA-11
DRA-12
DRA-13
DRA-14
DRA-15
DRA-16
DRA-17
DRA-18
DRA-19
DRA-20
DRA-21
DRA-22
DRA-23
DRA-24
DRA-25
DRA-27
DRA-28
DRA-29
DRA-30
DRA-31
DRA-32
DRA-33
DRA-34
DRA-35
DRA-36
DRA-37
DRA-38
DRA-39
DRA-40
DRA-41
DRA-42
DRA-43
DRA-44
DRA-45
DRA-46
DRA-47
DRA-48
DRA-49
DRA-50
DRA-51
DRA-52
DRA-53
DRA-54
DRA-55
DRA-56
DRA-57
DRA-58
DRA-59
DRA-60
DRA-61
DRA-62
DRA-63
DRA-64
DRA-65
DRA-66
DRA-67

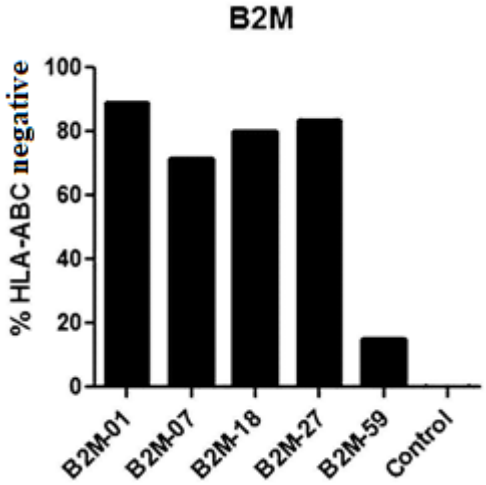
[Fig. 3]


DQA
Normalized % HLA-DQ negative
0
5
10
15
20
DQA-08
DQA-09
DQA-10
DQA-11
DQA-12
DQA-14
DQA-15
DQA-16
DQA-17
DQA-18
DQA-19
DQA-20
DQA-21
DQA-22
DQA-23
DQA-24
DQA-25
DQA-26
DQA-27
DQA-28
DQA-29
DQA-30
DQA-31
DQA-32
DQA-33
DQA-34
DQA-35
DQA-36
DQA-37
DQA-38
DQA-39
DQA-40
DQA-41
DQA-42
DQA-43
DQA-44
DQA-45
DQA-47
DQA-48
DQA-49
DQA-50
DQA-51
DQA-52
DQA-53
DQA-54
DQA-55
DQA-56
DQA-57
DQA-58
DQA-59
DQA-60
DQA-61
DQA-62
DQA-63
DQA-64
DQA-65
DQA-66
DQA-67

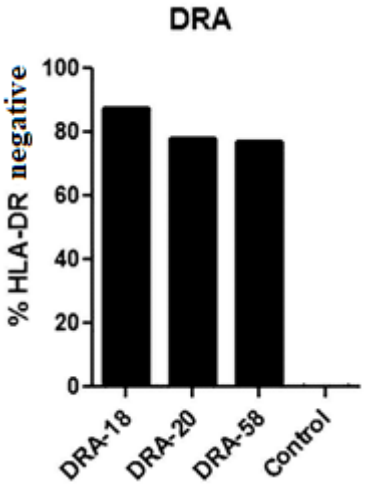
[Fig. 4]


DPA
Normalized % HLA-DP negative
0
10
20
30
DPA-01
DPA-02
DPA-03
DPA-04
DPA-05
DPA-06
DPA-07
DPA-08
DPA-09
DPA-10
DPA-11
DPA-12
DPA-13
DPA-14
DPA-15
DPA-16
DPA-17
DPA-18
DPA-19
DPA-20
DPA-21
DPA-22
DPA-23
DPA-24
DPA-25
DPA-26
DPA-27
DPA-29
DPA-30
DPA-31
DPA-32
DPA-33
DPA-34
DPA-35
DPA-36
DPA-37
DPA-38
DPA-39
DPA-40
DPA-41
DPA-42
DPA-43
DPA-44
DPA-45
DPA-46
DPA-47
DPA-48
DPA-49
DPA-50
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DPA-54
DPA-55
DPA-56
DPA-57
DPA-58
DPA-59
DPA-60

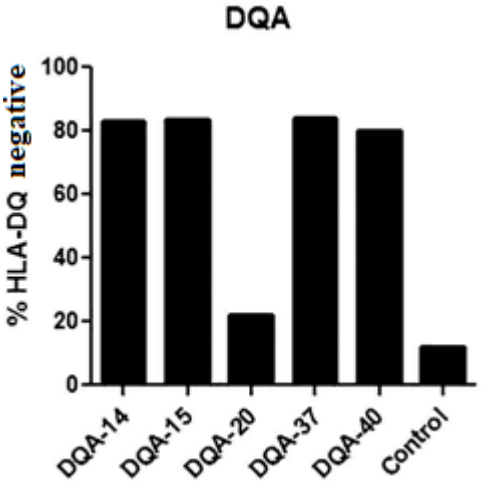
[Fig. 5]



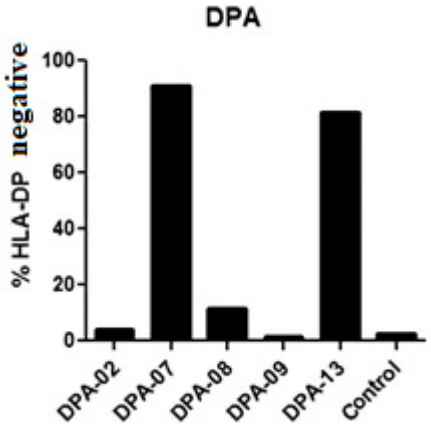
[Fig. 6]



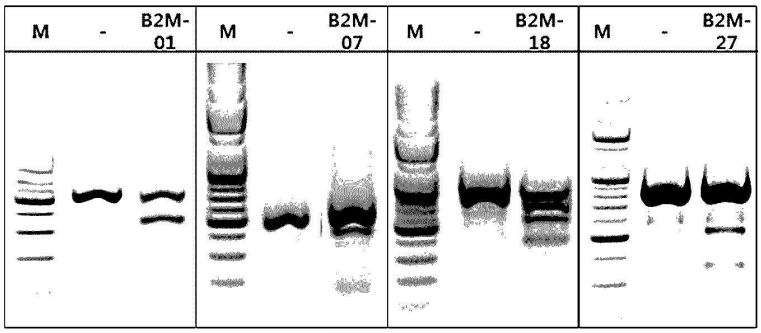
[Fig. 7]



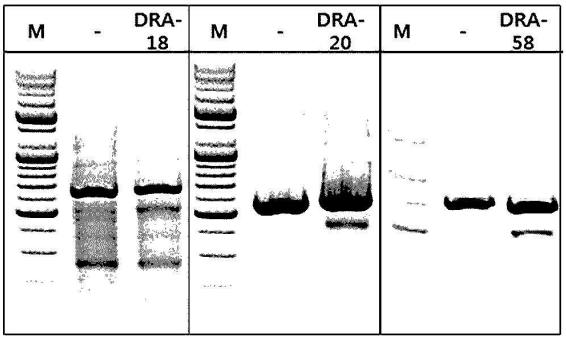
[Fig. 8]



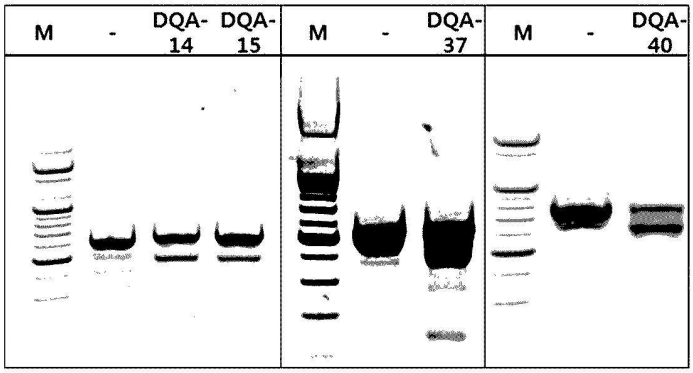
[Fig. 9]



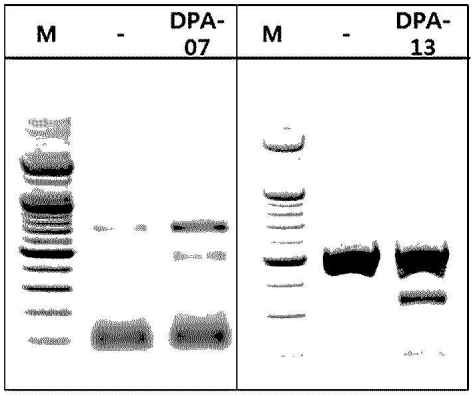
[Fig. 10]



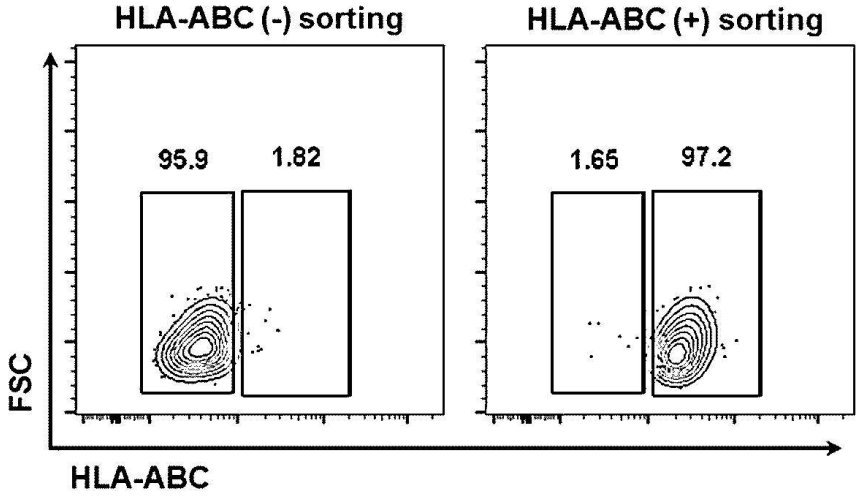
[Fig. 11]



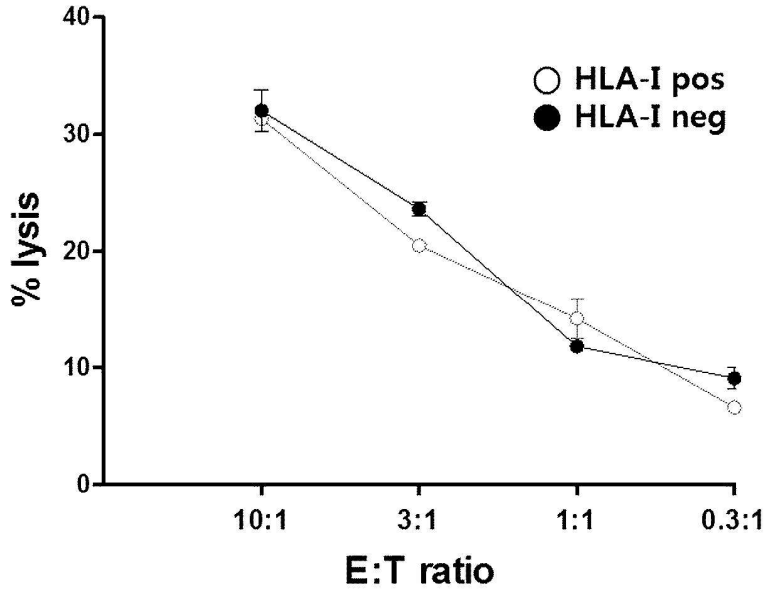
[Fig. 12]



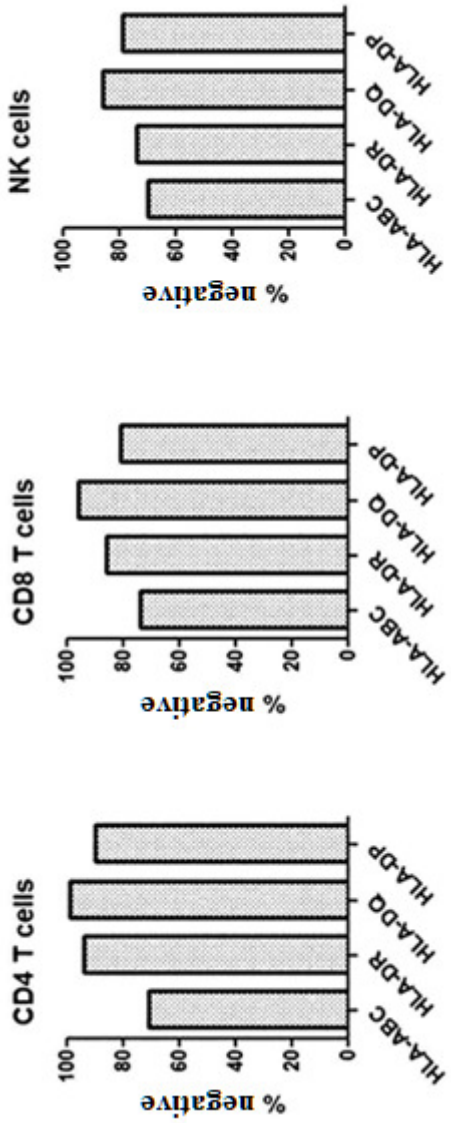
[Fig. 13]



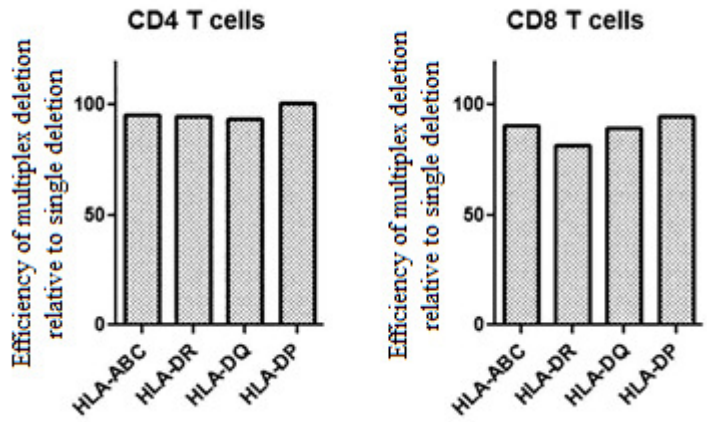
[Fig. 14]



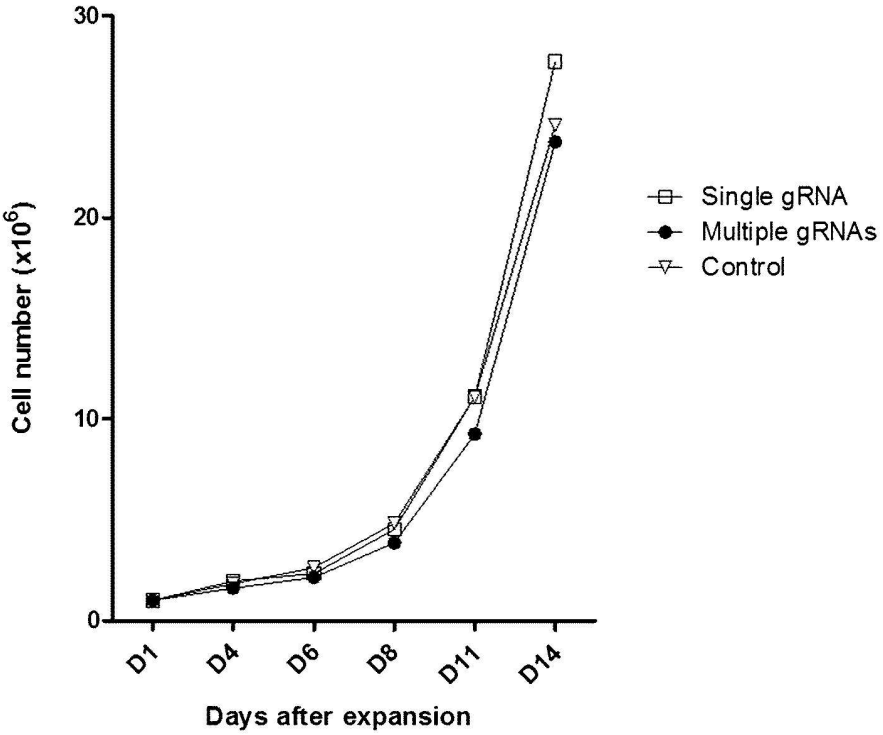
[Fig. 15]


NK cells
% negative
100
80
60
40
20
0
HLA-ABC
HLA-DR
HLA-DQ
HLA-DP
CD8 T cells
% negative
100
80
60
40
20
0
HLA-ABC
HLA-DR
HLA-DQ
HLA-DP
CD4 T cells
% negative
100
80
60
40
20
0
HLA-ABC
HLA-DR
HLA-DQ
HLA-DP

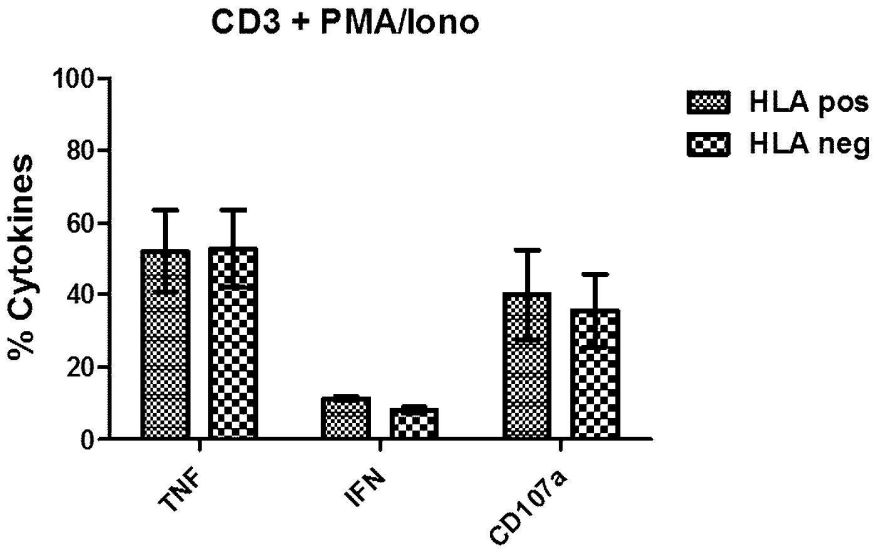
[Fig. 16]


CD4 T cells
Efficiency of multiplex deletion relative to single deletion
100
50
0
HLA-ABC
HLA-DR
HLA-DQ
HLA-DP
CD8 T cells
Efficiency of multiplex deletion relative to single deletion
100
50
0
HLA-ABC
HLA-DR
HLA-DQ
HLA-DP

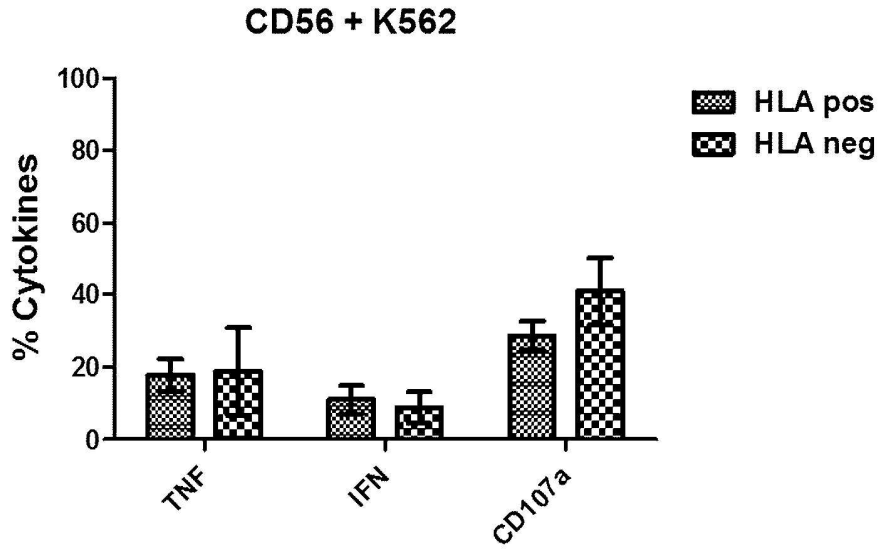
[Fig. 17]


30
20
10
0
Cell number (x10^6)
D1
D4
D6
D8
D11
D14
Days after expansion
Single gRNA
Multiple gRNAs
Control

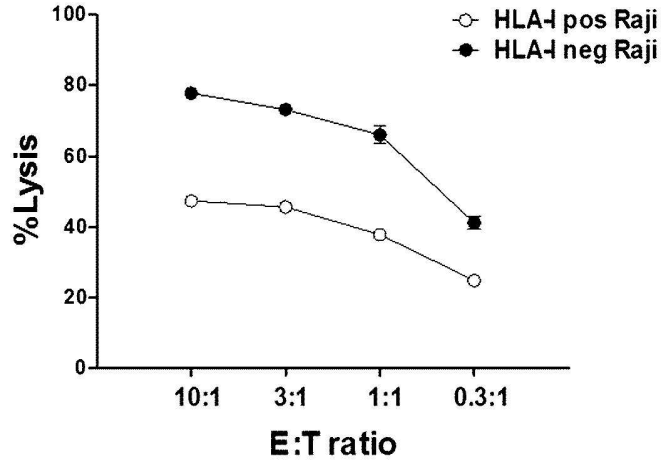
[Fig. 18]


CD3 + PMA/Iono
100
80
60
40
20
0
% Cytokines
TNF
IFN
CD107a
HLA pos
HLA neg

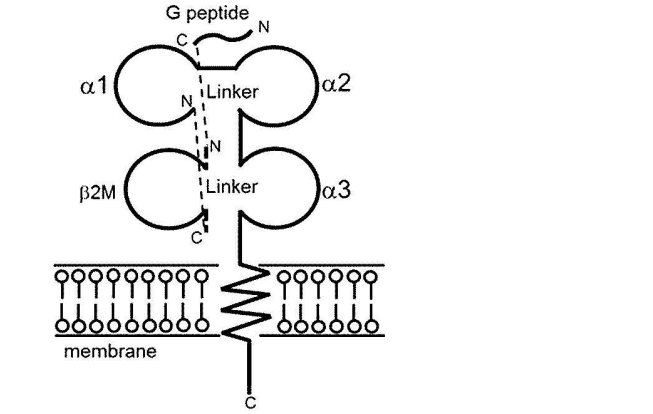
[Fig. 19]



[Fig. 20]

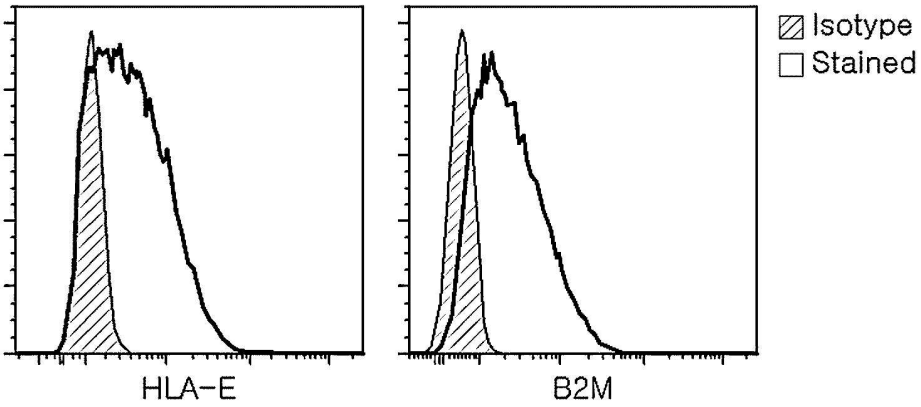


[Fig. 21]

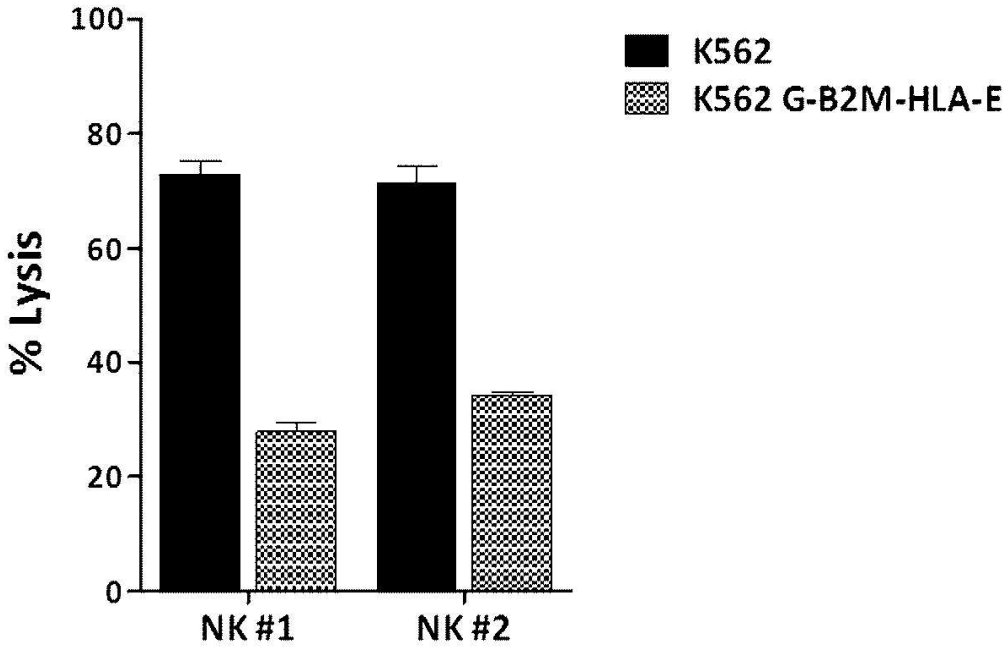


B2M SS	G-pep	$(G_4S)3$	Mature B2M	$(G_4S)4$	Mature HLA-E	HA Tag

[Fig. 22]


Isotype
Stained
HLA-E
B2M

[Fig. 23]


100
80
60
40
20
0
% Lysis
K562
K562 G-B2M-HLA-E
NK #1
NK #2