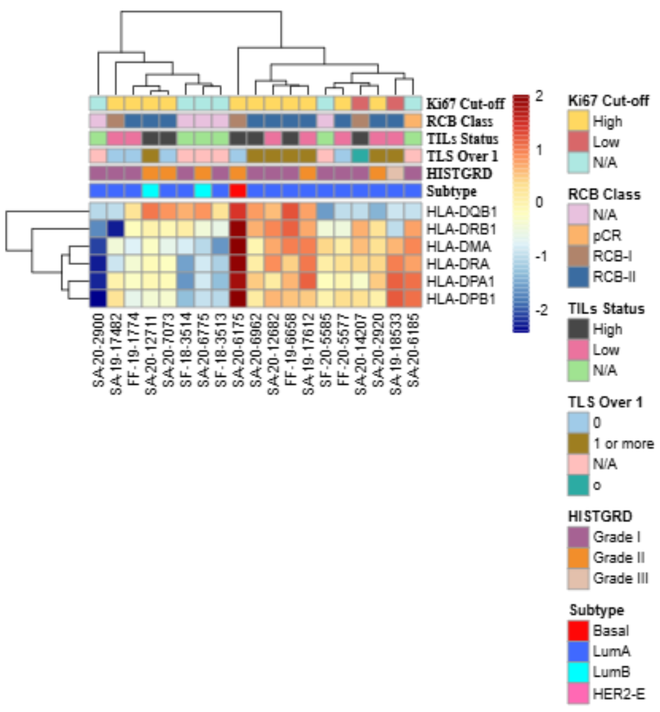
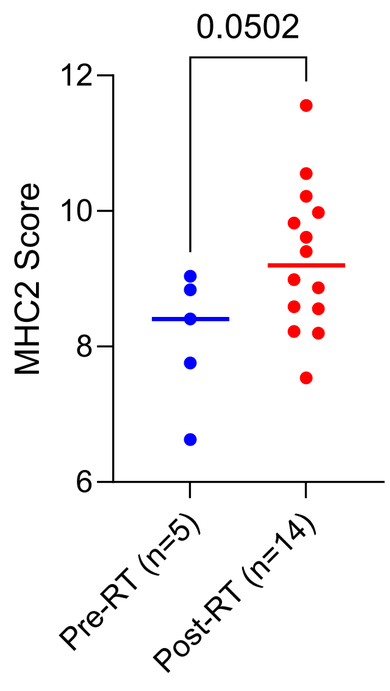
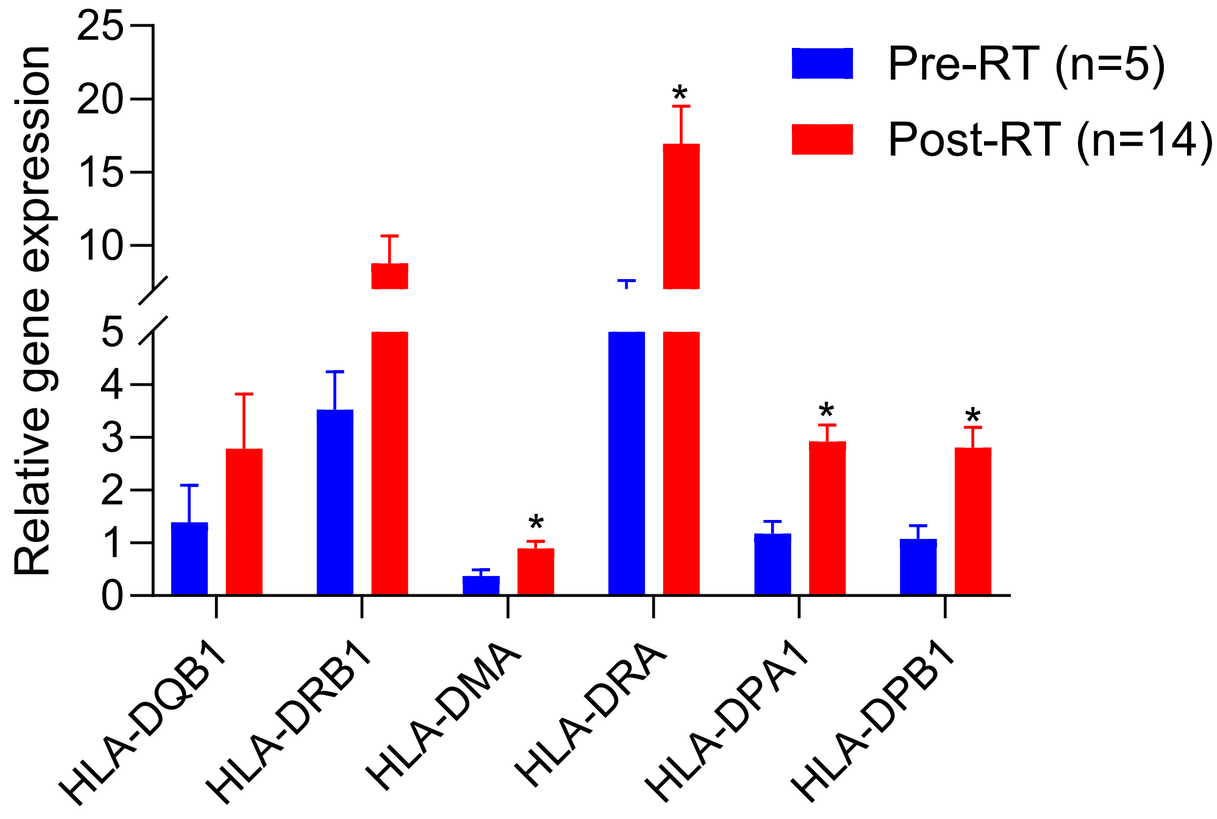
Fig. S6

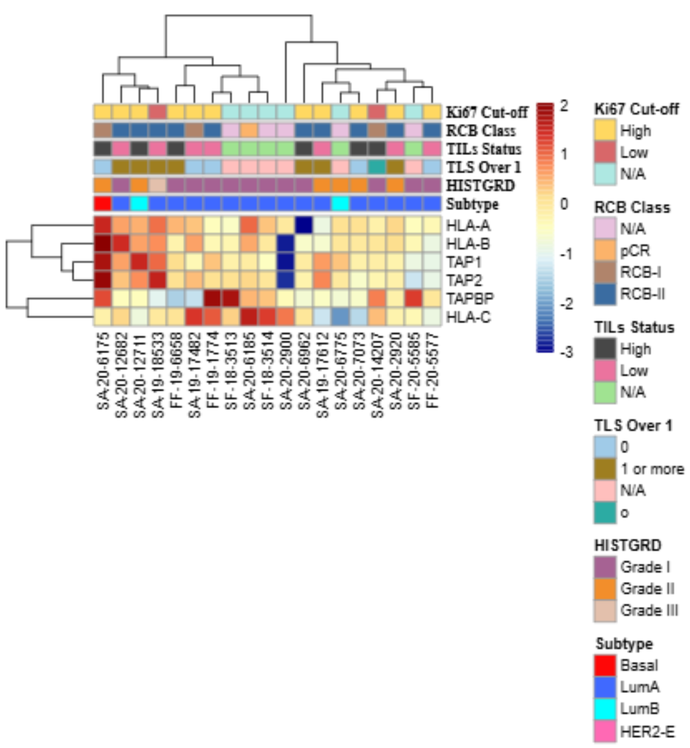
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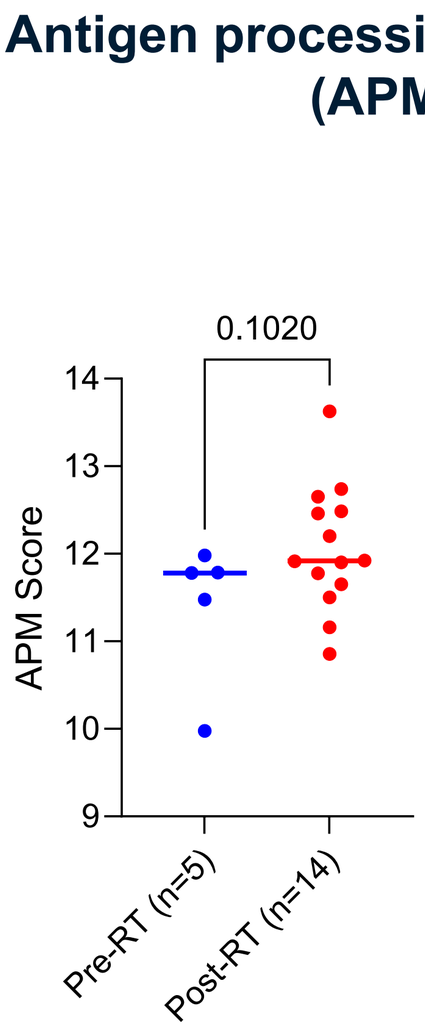

Ki67 Cut-off
RCB Class
TILs Status
TLS Over 1
HISTGRD
Subtype
HLA-DQB1
HLA-DRB1
HLA-DMA
HLA-DRA
HLA-DPA1
HLA-DPB1
SA-20-2900
SA-19-17482
FF-19-1774
SA-20-12711
SA-20-7073
SF-18-3514
SA-20-6775
SF-18-3513
SA-20-6175
SA-20-6962
SA-20-12682
FF-19-6658
SA-19-17612
SF-20-5585
FF-20-5577
SA-20-14207
SA-20-2920
SA-19-18533
SA-20-6185
2
1
0
-1
-2
Ki67 Cut-off
High
Low
N/A
RCB Class
N/A
pCR
RCB-I
RCB-II
TILs Status
High
Low
N/A
TLS Over 1
0
1 or more
N/A
o
HISTGRD
Grade I
Grade II
Grade III
Subtype
Basal
LumA
LumB
HER2-E

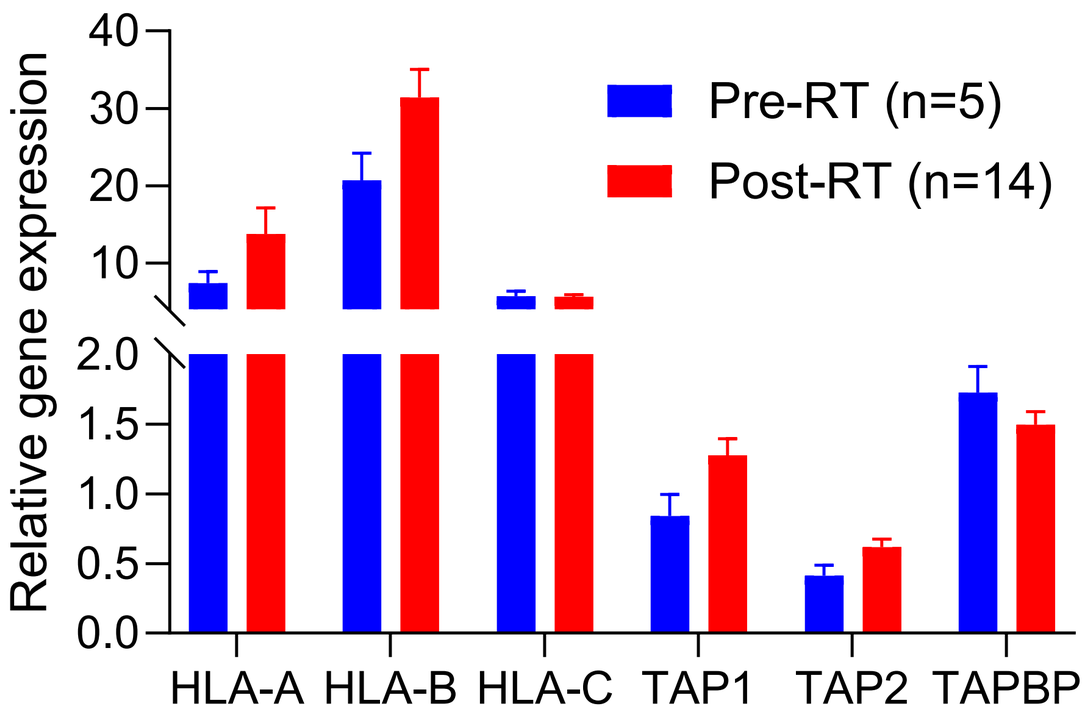

MHCII
0.0502
MHC2 Score
12
10
8
6
Pre-RT (n=5)
Post-RT (n=14)


Relative gene expression
25
20
15
10
5
4
3
2
1
0
Pre-RT (n=5)
Post-RT (n=14)
*
HLA-DQB1
HLA-DRB1
HLA-DMA
HLA-DRA
HLA-DPA1
HLA-DPB1

B


Ki67 Cut-off
RCB Class
TILs Status
TLS Over 1
HISTGRD
Subtype
HLA-A
HLA-B
TAP1
TAP2
TAPBP
HLA-C
SA-20-6175
SA-20-12682
SA-20-12711
SA-19-18533
FF-19-6658
SA-19-17482
FF-19-1774
SF-18-3513
SA-20-6185
SF-18-3514
SA-20-2900
SA-20-6962
SA-19-17612
SA-20-6775
SA-20-7073
SA-20-14207
SA-20-2920
SF-20-5585
FF-20-5577
2
1
0
-1
-2
-3
Ki67 Cut-off
High
Low
N/A
RCB Class
N/A
pCR
RCB-I
RCB-II
TILs Status
High
Low
N/A
TLS Over 1
0
1 or more
N/A
o
HISTGRD
Grade I
Grade II
Grade III
Subtype
Basal
LumA
LumB
HER2-E


Antigen processing machinery
(APM)
0.1020
APM Score
14
13
12
11
10
9
Pre-RT (n=5)
Post-RT (n=14)


Relative gene expression
40
30
20
10
2.0
1.5
1.0
0.5
0.0
Pre-RT (n=5)
Post-RT (n=14)
HLA-A
HLA-B
HLA-C
TAP1
TAP2
TAPBP