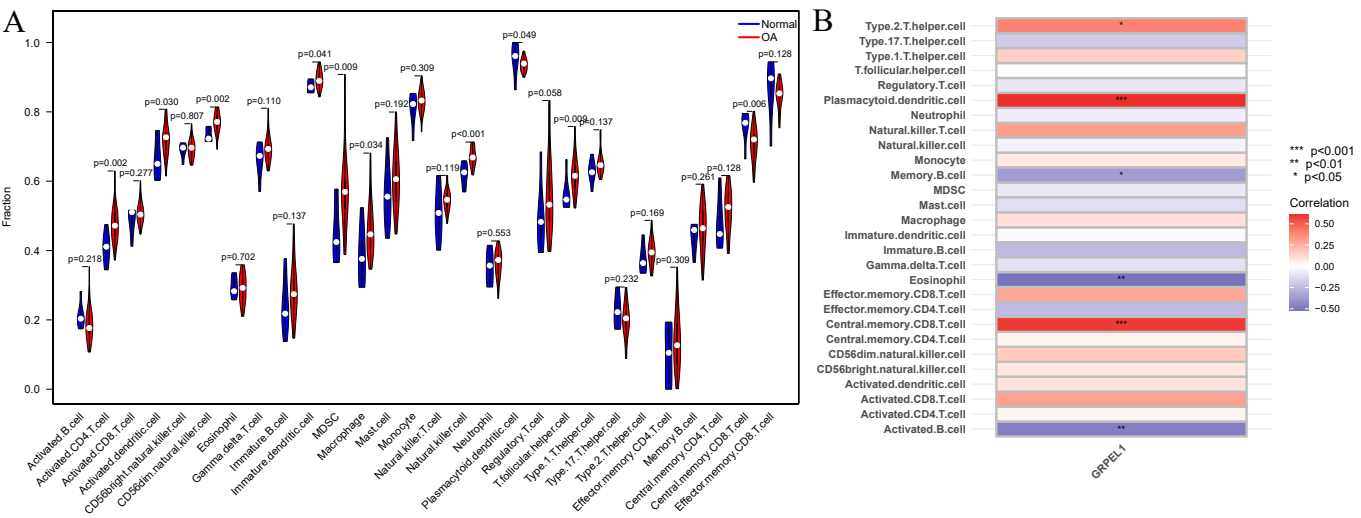
A
Normal
OA
Fraction
1.0
0.8
0.6
0.4
0.2
0.0
p=0.218
p=0.002
p=0.277
p=0.030
p=0.807
p=0.002
p=0.702
p=0.110
p=0.137
p=0.041
p=0.009
p=0.034
p=0.192
p=0.309
p=0.119
p<0.001
p=0.553
p=0.049
p=0.058
p=0.009
p=0.137
p=0.232
p=0.169
p=0.309
p=0.261
p=0.128
p=0.006
p=0.128
Activated.B.cell
Activated.CD4.T.cell
Activated.CD8.T.cell
Activated.dendritic.cell
CD56bright.natural.killer.cell
CD56dim.natural.killer.cell
Eosinophil
Gamma.delta.T.cell
Immature.B.cell
Immature.dendritic.cell
MDSC
Macrophage
Mast.cell
Monocyte
Natural.killer.T.cell
Natural.killer.cell
Neutrophil
Plasmacytoid.dendritic.cell
Regulatory.T.cell
T.follicular.helper.cell
Type.1.T.helper.cell
Type.17.T.helper.cell
Type.2.T.helper.cell
Effector.memory.CD4.T.cell
Memory.B.cell
Central.memory.CD4.T.cell
Central.memory.CD8.T.cell
Effector.memory.CD8.T.cell
B
Type.2.T.helper.cell
Type.17.T.helper.cell
Type.1.T.helper.cell
T.follicular.helper.cell
Regulatory.T.cell
Plasmacytoid.dendritic.cell
Neutrophil
Natural.killer.T.cell
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Macrophage
Immature.dendritic.cell
Immature.B.cell
Gamma.delta.T.cell
Eosinophil
Effector.memory.CD8.T.cell
Effector.memory.CD4.T.cell
Central.memory.CD8.T.cell
Central.memory.CD4.T.cell
CD56dim.natural.killer.cell
CD56bright.natural.killer.cell
Activated.dendritic.cell
Activated.CD8.T.cell
Activated.CD4.T.cell
Activated.B.cell
GRPEL1
*
***
*
**
***
**
*** p<0.001
** p<0.01
* p<0.05
Correlation
0.50
0.25
0.00
−0.25
−0.50