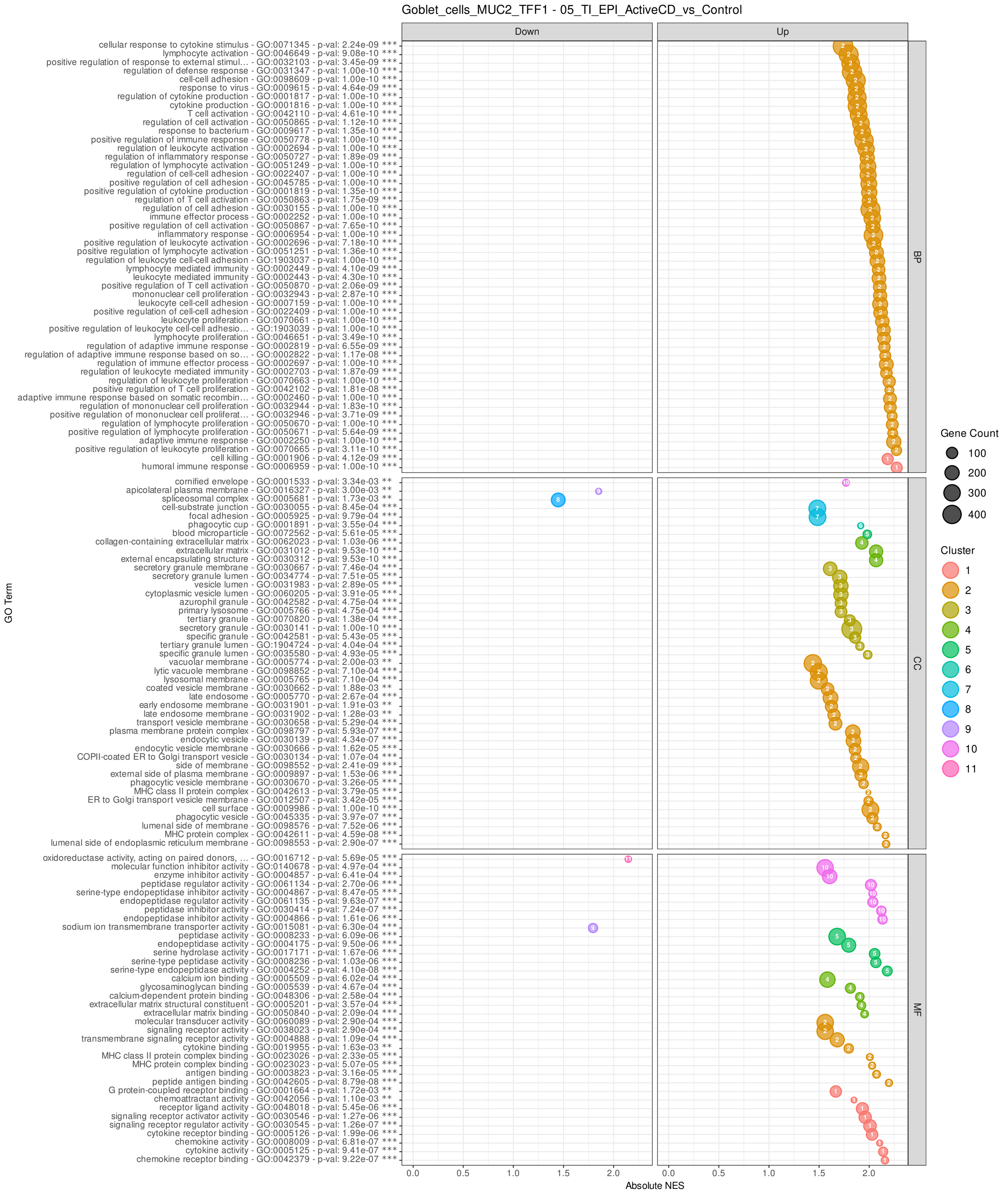
Goblet_cells_MUC2_TFF1 - 05_TI_EPI_ActiveCD_vs_Control
Down
Up
BP
CC
MF
GO Term
cellular response to cytokine stimulus - GO:0071345 - p-val: 2.24e-09 ***
lymphocyte activation - GO:0046649 - p-val: 9.08e-10 ***
positive regulation of response to external stimul... - GO:0032103 - p-val: 3.45e-09 ***
regulation of defense response - GO:0031347 - p-val: 1.00e-10 ***
cell-cell adhesion - GO:0098609 - p-val: 1.00e-10 ***
response to virus - GO:0009615 - p-val: 4.64e-09 ***
regulation of cytokine production - GO:0001817 - p-val: 1.00e-10 ***
cytokine production - GO:0001816 - p-val: 1.00e-10 ***
T cell activation - GO:0042110 - p-val: 4.61e-10 ***
regulation of cell activation - GO:0050865 - p-val: 1.12e-10 ***
response to bacterium - GO:0009617 - p-val: 1.35e-10 ***
positive regulation of immune response - GO:0050778 - p-val: 1.00e-10 ***
regulation of leukocyte activation - GO:0002694 - p-val: 1.00e-10 ***
regulation of inflammatory response - GO:0050727 - p-val: 1.89e-09 ***
regulation of lymphocyte activation - GO:0051249 - p-val: 1.00e-10 ***
regulation of cell-cell adhesion - GO:0022407 - p-val: 1.00e-10 ***
positive regulation of cell adhesion - GO:0045785 - p-val: 1.00e-10 ***
positive regulation of cytokine production - GO:0001819 - p-val: 1.35e-10 ***
regulation of T cell activation - GO:0050863 - p-val: 1.75e-09 ***
regulation of cell adhesion - GO:0030155 - p-val: 1.00e-10 ***
immune effector process - GO:0002252 - p-val: 1.00e-10 ***
positive regulation of cell activation - GO:0050867 - p-val: 7.65e-10 ***
inflammatory response - GO:0006954 - p-val: 1.00e-10 ***
positive regulation of leukocyte activation - GO:0002696 - p-val: 7.18e-10 ***
positive regulation of lymphocyte activation - GO:0051251 - p-val: 1.36e-10 ***
regulation of leukocyte cell-cell adhesion - GO:1903037 - p-val: 1.00e-10 ***
lymphocyte mediated immunity - GO:0002449 - p-val: 4.10e-09 ***
leukocyte mediated immunity - GO:0002443 - p-val: 4.30e-10 ***
positive regulation of T cell activation - GO:0050870 - p-val: 2.06e-09 ***
mononuclear cell proliferation - GO:0032943 - p-val: 2.87e-10 ***
leukocyte cell-cell adhesion - GO:0007159 - p-val: 1.00e-10 ***
positive regulation of cell-cell adhesion - GO:0022409 - p-val: 1.00e-10 ***
leukocyte proliferation - GO:0070661 - p-val: 1.00e-10 ***
positive regulation of leukocyte cell-cell adhesio... - GO:1903039 - p-val: 1.00e-10 ***
lymphocyte proliferation - GO:0046651 - p-val: 3.49e-10 ***
regulation of adaptive immune response - GO:0002819 - p-val: 6.55e-09 ***
regulation of adaptive immune response based on so... - GO:0002822 - p-val: 1.17e-08 ***
regulation of immune effector process - GO:0002697 - p-val: 1.00e-10 ***
regulation of leukocyte mediated immunity - GO:0002703 - p-val: 1.87e-09 ***
regulation of leukocyte proliferation - GO:0070663 - p-val: 1.00e-10 ***
positive regulation of T cell proliferation - GO:0042102 - p-val: 1.81e-08 ***
adaptive immune response based on somatic recombin... - GO:0002460 - p-val: 1.00e-10 ***
regulation of mononuclear cell proliferation - GO:0032944 - p-val: 1.83e-10 ***
positive regulation of mononuclear cell proliferat... - GO:0032946 - p-val: 3.71e-09 ***
regulation of lymphocyte proliferation - GO:0050670 - p-val: 1.00e-10 ***
positive regulation of lymphocyte proliferation - GO:0050671 - p-val: 5.64e-09 ***
adaptive immune response - GO:0002250 - p-val: 1.00e-10 ***
positive regulation of leukocyte proliferation - GO:0070665 - p-val: 3.11e-10 ***
cell killing - GO:0001906 - p-val: 4.12e-09 ***
humoral immune response - GO:0006959 - p-val: 1.00e-10 ***
cornified envelope - GO:0001533 - p-val: 3.34e-03 **
apicolateral plasma membrane - GO:0016327 - p-val: 3.00e-03 **
spliceosomal complex - GO:0005681 - p-val: 1.73e-03 **
cell-substrate junction - GO:0030055 - p-val: 8.45e-04 ***
focal adhesion - GO:0005925 - p-val: 9.79e-04 ***
phagocytic cup - GO:0001891 - p-val: 3.55e-04 ***
blood microparticle - GO:0072562 - p-val: 5.61e-05 ***
collagen-containing extracellular matrix - GO:0062023 - p-val: 1.03e-06 ***
extracellular matrix - GO:0031012 - p-val: 9.53e-10 ***
external encapsulating structure - GO:0030312 - p-val: 9.53e-10 ***
secretory granule membrane - GO:0030667 - p-val: 7.46e-04 ***
secretory granule lumen - GO:0034774 - p-val: 7.51e-05 ***
vesicle lumen - GO:0031983 - p-val: 2.89e-05 ***
cytoplasmic vesicle lumen - GO:0060205 - p-val: 3.91e-05 ***
azurophil granule - GO:0042582 - p-val: 4.75e-04 ***
primary lysosome - GO:0005766 - p-val: 4.75e-04 ***
tertiary granule - GO:0070820 - p-val: 1.38e-04 ***
secretory granule - GO:0030141 - p-val: 1.00e-10 ***
specific granule - GO:0042581 - p-val: 5.43e-05 ***
tertiary granule lumen - GO:1904724 - p-val: 4.04e-04 ***
specific granule lumen - GO:0035580 - p-val: 4.93e-05 ***
vacuolar membrane - GO:0005774 - p-val: 2.00e-03 **
lytic vacuole membrane - GO:0098852 - p-val: 7.10e-04 ***
lysosomal membrane - GO:0005765 - p-val: 7.10e-04 ***
coated vesicle membrane - GO:0030662 - p-val: 1.88e-03 **
late endosome - GO:0005770 - p-val: 2.67e-04 ***
early endosome membrane - GO:0031901 - p-val: 1.91e-03 **
late endosome membrane - GO:0031902 - p-val: 1.28e-03 **
transport vesicle membrane - GO:0030658 - p-val: 5.29e-04 ***
plasma membrane protein complex - GO:0098797 - p-val: 5.93e-07 ***
endocytic vesicle - GO:0030139 - p-val: 4.34e-07 ***
endocytic vesicle membrane - GO:0030666 - p-val: 1.62e-05 ***
COPII-coated ER to Golgi transport vesicle - GO:0030134 - p-val: 1.07e-04 ***
side of membrane - GO:0098552 - p-val: 2.41e-09 ***
external side of plasma membrane - GO:0009897 - p-val: 1.53e-06 ***
phagocytic vesicle membrane - GO:0030670 - p-val: 3.26e-05 ***
MHC class II protein complex - GO:0042613 - p-val: 3.79e-05 ***
ER to Golgi transport vesicle membrane - GO:0012507 - p-val: 3.42e-05 ***
cell surface - GO:0009986 - p-val: 1.00e-10 ***
phagocytic vesicle - GO:0045335 - p-val: 3.97e-07 ***
lumenal side of membrane - GO:0098576 - p-val: 7.52e-06 ***
MHC protein complex - GO:0042611 - p-val: 4.59e-08 ***
lumenal side of endoplasmic reticulum membrane - GO:0098553 - p-val: 2.90e-07 ***
oxidoreductase activity, acting on paired donors, ... - GO:0016712 - p-val: 5.69e-05 ***
molecular function inhibitor activity - GO:0140678 - p-val: 4.97e-04 ***
enzyme inhibitor activity - GO:0004857 - p-val: 6.41e-04 ***
peptidase regulator activity - GO:0061134 - p-val: 2.70e-06 ***
serine-type endopeptidase inhibitor activity - GO:0004867 - p-val: 8.47e-05 ***
endopeptidase regulator activity - GO:0061135 - p-val: 9.63e-07 ***
peptidase inhibitor activity - GO:0030414 - p-val: 7.24e-07 ***
endopeptidase inhibitor activity - GO:0004866 - p-val: 1.61e-06 ***
sodium ion transmembrane transporter activity - GO:0015081 - p-val: 6.30e-04 ***
peptidase activity - GO:0008233 - p-val: 6.09e-06 ***
endopeptidase activity - GO:0004175 - p-val: 9.50e-06 ***
serine hydrolase activity - GO:0017171 - p-val: 1.67e-06 ***
serine-type peptidase activity - GO:0008236 - p-val: 1.03e-06 ***
serine-type endopeptidase activity - GO:0004252 - p-val: 4.10e-08 ***
calcium ion binding - GO:0005509 - p-val: 6.02e-04 ***
glycosaminoglycan binding - GO:0005539 - p-val: 4.67e-04 ***
calcium-dependent protein binding - GO:0048306 - p-val: 2.58e-04 ***
extracellular matrix structural constituent - GO:0005201 - p-val: 3.57e-04 ***
extracellular matrix binding - GO:0050840 - p-val: 2.09e-04 ***
molecular transducer activity - GO:0060089 - p-val: 2.90e-04 ***
signaling receptor activity - GO:0038023 - p-val: 2.90e-04 ***
transmembrane signaling receptor activity - GO:0004888 - p-val: 1.09e-04 ***
cytokine binding - GO:0019955 - p-val: 1.63e-03 **
MHC class II protein complex binding - GO:0023026 - p-val: 2.33e-05 ***
MHC protein complex binding - GO:0023023 - p-val: 5.07e-05 ***
antigen binding - GO:0003823 - p-val: 3.16e-05 ***
peptide antigen binding - GO:0042605 - p-val: 8.79e-08 ***
G protein-coupled receptor binding - GO:0001664 - p-val: 1.72e-03 **
chemoattractant activity - GO:0042056 - p-val: 1.10e-03 **
receptor ligand activity - GO:0048018 - p-val: 5.45e-06 ***
signaling receptor activator activity - GO:0030546 - p-val: 1.27e-06 ***
signaling receptor regulator activity - GO:0030545 - p-val: 1.26e-07 ***
cytokine receptor binding - GO:0005126 - p-val: 1.99e-06 ***
chemokine activity - GO:0008009 - p-val: 6.81e-07 ***
cytokine activity - GO:0005125 - p-val: 9.41e-07 ***
chemokine receptor binding - GO:0042379 - p-val: 9.22e-07 ***
0.0
0.5
1.0
1.5
2.0
Absolute NES
Gene Count
100
200
300
400
Cluster
1
2
3
4
5
6
7
8
9
10
11