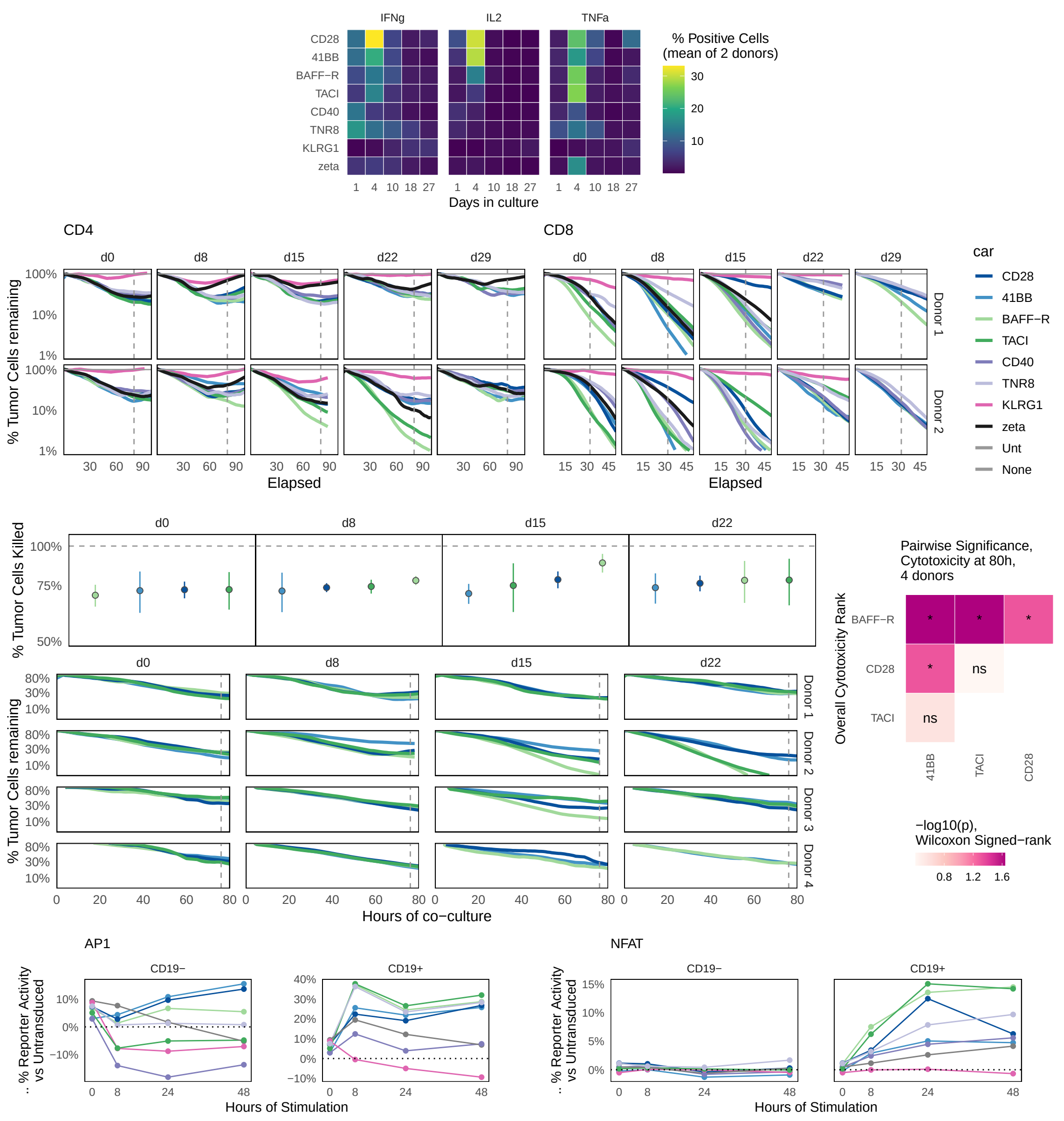
IFNg
IL2
TNFa
CD28
41BB
BAFF−R
TACI
CD40
TNR8
KLRG1
zeta
1 4 10 18 27
Days in culture
% Positive Cells
(mean of 2 donors)
30
20
10
CD4
CD8
d0
d8
d15
d22
d29
% Tumor Cells remaining
100%
10%
1%
Donor 1
Donor 2
30 60 90
15 30 45
Elapsed
car
CD28
41BB
BAFF−R
TACI
CD40
TNR8
KLRG1
zeta
Unt
None
% Tumor Cells Killed
100%
75%
50%
80%
30%
10%
Donor 3
Donor 4
0 20 40 60 80
Hours of co−culture
Pairwise Significance,
Cytotoxicity at 80h,
4 donors
Overall Cytotoxicity Rank
BAFF−R
CD28
TACI
41BB
TACI
CD28
*
ns
−log10(p),
Wilcoxon Signed−rank
0.8 1.2 1.6
AP1
NFAT
CD19−
CD19+
% Reporter Activity
vs Untransduced
10%
0%
−10%
40%
30%
20%
15%
5%
0 8 24 48
Hours of Stimulation