A
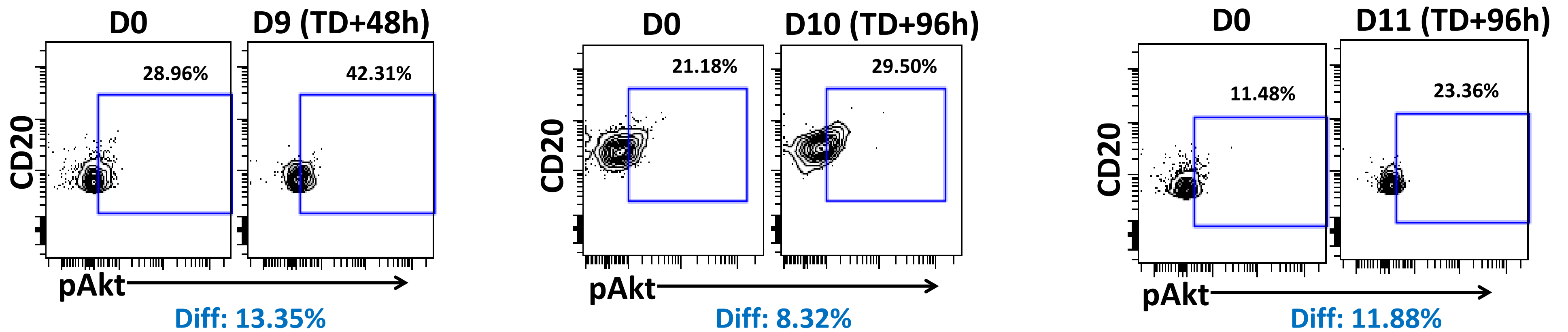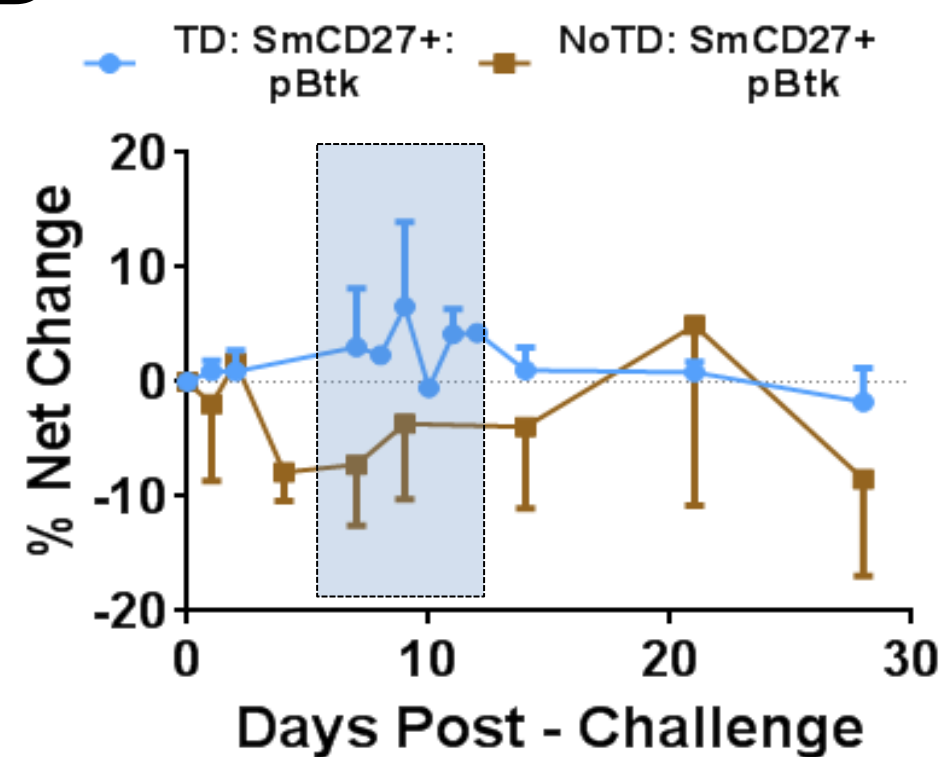
Gated on CD20+ LPS+ IgD+ CD27- (LPS+ Naïve) [TD volunteers]

D0 | D9 (TD+48h)
28.96% | 42.31%

CD20 / pAkt

Diff: 13.35%

D0 | D10 (TD+96h)
21.18% | 29.50%

CD20 / pAkt

Diff: 8.32%

D0 | D11 (TD+96h)
11.48% | 23.36%

CD20 / pAkt

Diff: 11.88%

B
TD: SmCD27+: pBtk
NoTD: SmCD27+ pBtk
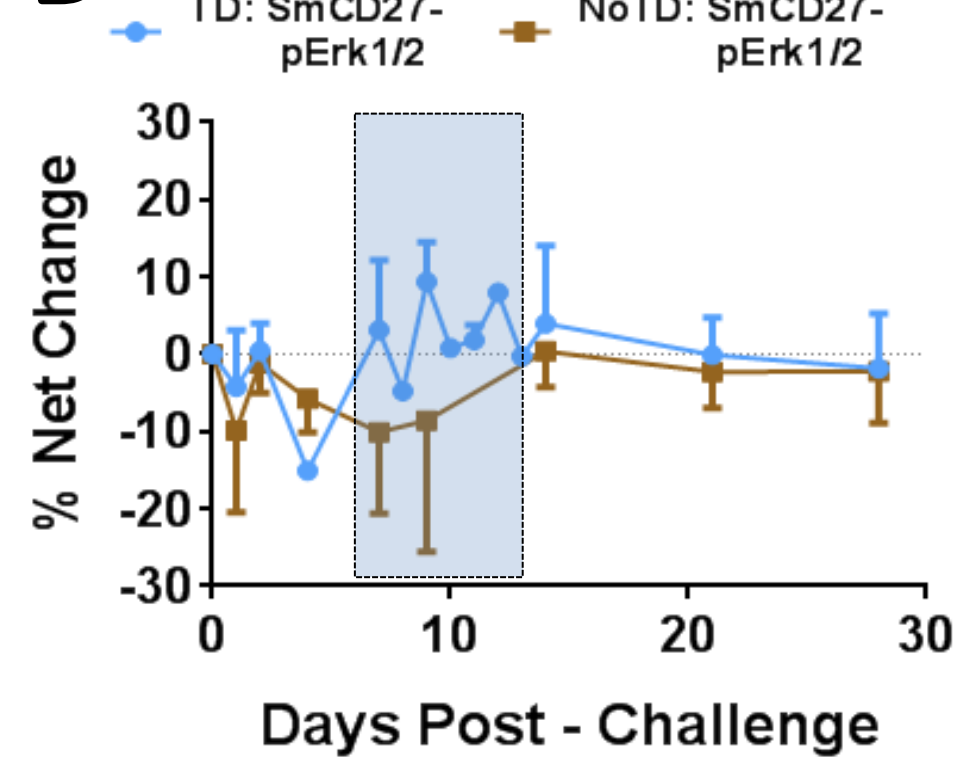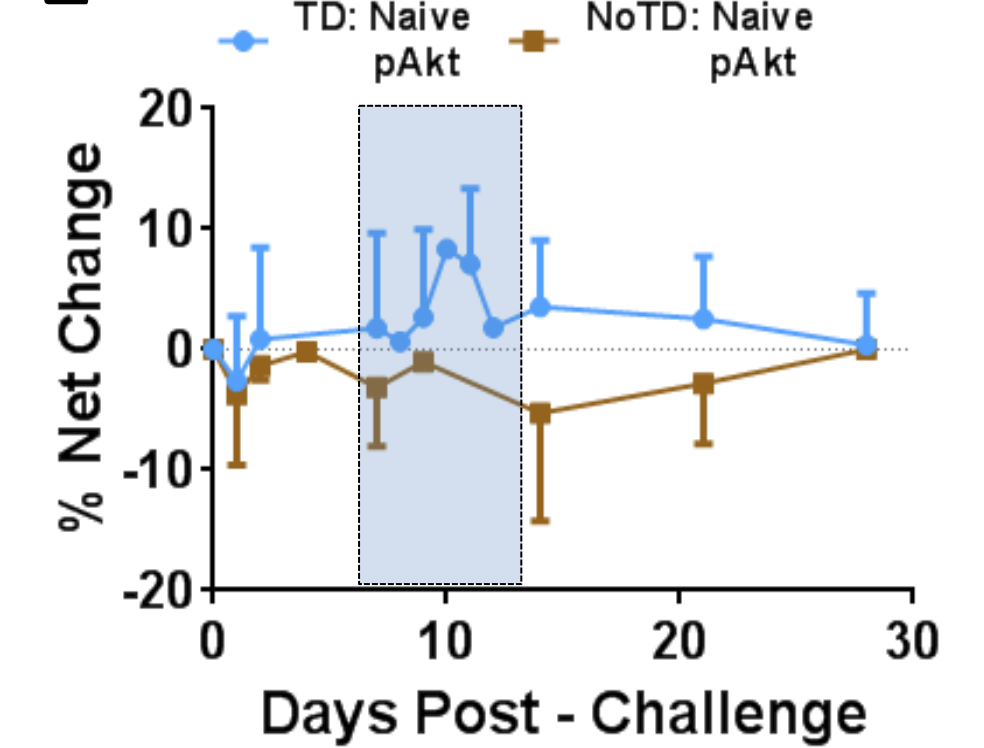% Net Change vs Days Post - Challenge

C
TD: SmCD27+ pNFκB
NoTD: SmCD27+ pNFκB
% Net Change vs Days Post - Challenge

D
TD: SmCD27- pErk1/2
NoTD: SmCD27- pErk1/2
% Net Change vs Days Post - Challenge

E
TD: Naïve pAkt
NoTD: Naïve pAkt
% Net Change vs Days Post - Challenge

F

Markers evaluated

B_M Populations	pAkt	pp38MAPK	pBtk	pNFkB	pErk1/2	pSyk
Sm CD27+	AroundTD (Net%; P*=0.61)	AroundTD (Net%; P=0.088)	AroundTD (Net%; P=0.024) Fig 7 B	AroundTD (Net%; P=0.011) Fig 7 E	AroundTD (Net%; P=0.12)	AroundTD (Net%; P=0.13)
Sm CD27-	AroundTD (Net%; P=0.93)	AroundTD (Net%; P=0.26)	AroundTD (Net%; P=0.21)	AroundTD (Net%; P=0.77)	AroundTD (Net%; P=0.037) Fig 7 H	AroundTD (Net%; P=0.11)
Um	AfterTD (Net%; P=0.50)	AroundTD (Net%; P=0.52)	AroundTD (Net%; P=0.35)	AroundTD (Net%; P=0.77)	AroundTD (Net%; P=0.17)	AroundTD (Net%; P=0.29)
Naïve	AroundTD (Net%; P=0.021) Fig 7 K	AroundTD (Net%; P=0.20)	AroundTD (Net%; P=0.48)	AroundTD (Net%; P=0.93)	AroundTD (Net%; P=0.31)	AroundTD (Net%; P=0.24)

* P-values for differences between TD and NoTD [Mixed effects model]