

Healthy CVID CVID GLILD

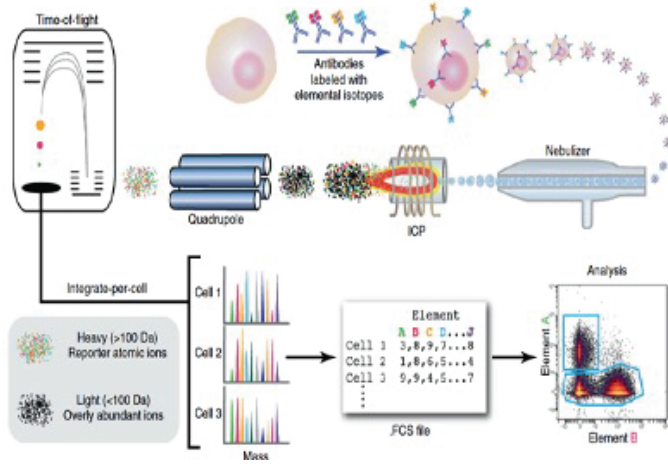


Phenotypic Markers

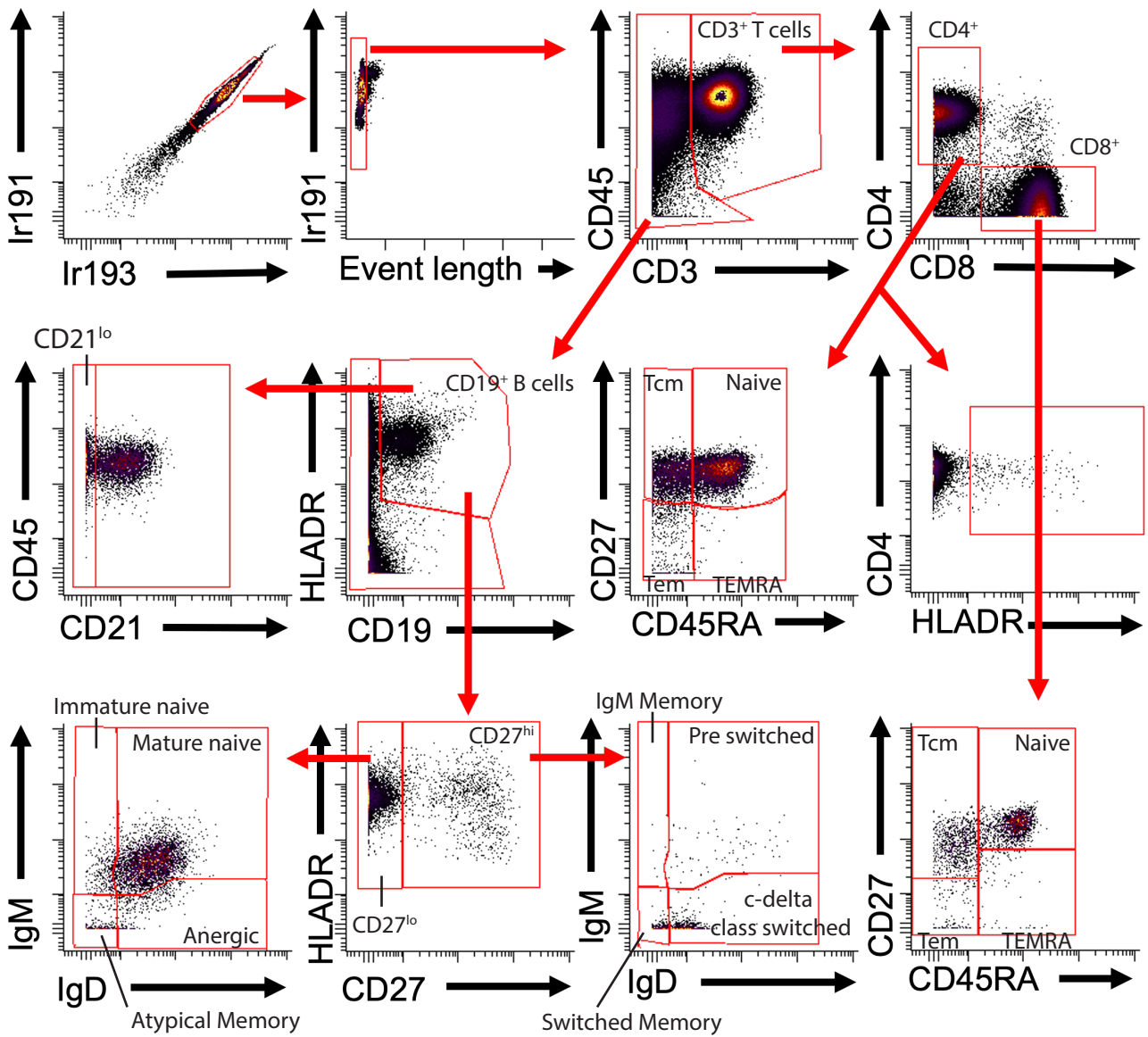
CD3	CD25	ICOS	CD38	CD14
CD4	PD-1	CD19	CD27	CD1c
CD8	CTLA4	CD21	CD56	HLADR
CD45RA	CD57	IgD	CD11c	CD11
CXCR5	CD7	IgM	CD16	CD123

Signaling Markers

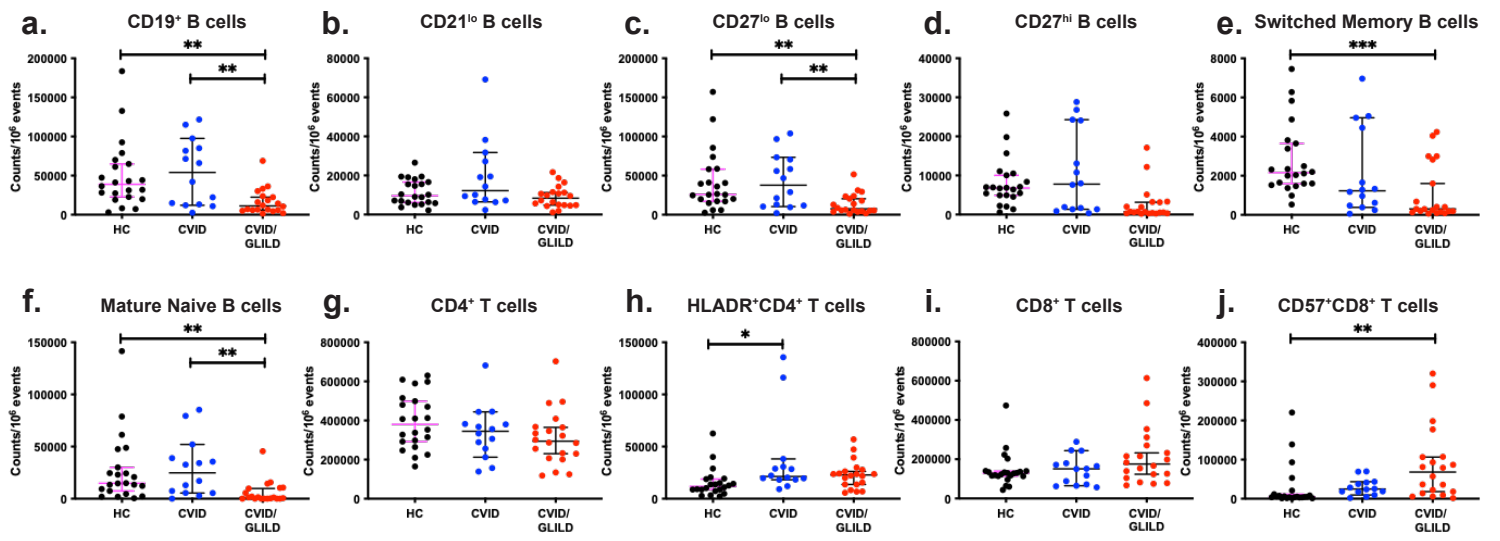
pCD3ζ	pPLCγ1/2	pS6
pZAP70/SYK	pAKT	pCREB
pSLP76	pERK	p4EBP1
pBTK/ITK	pp90RSK	Total IκBα



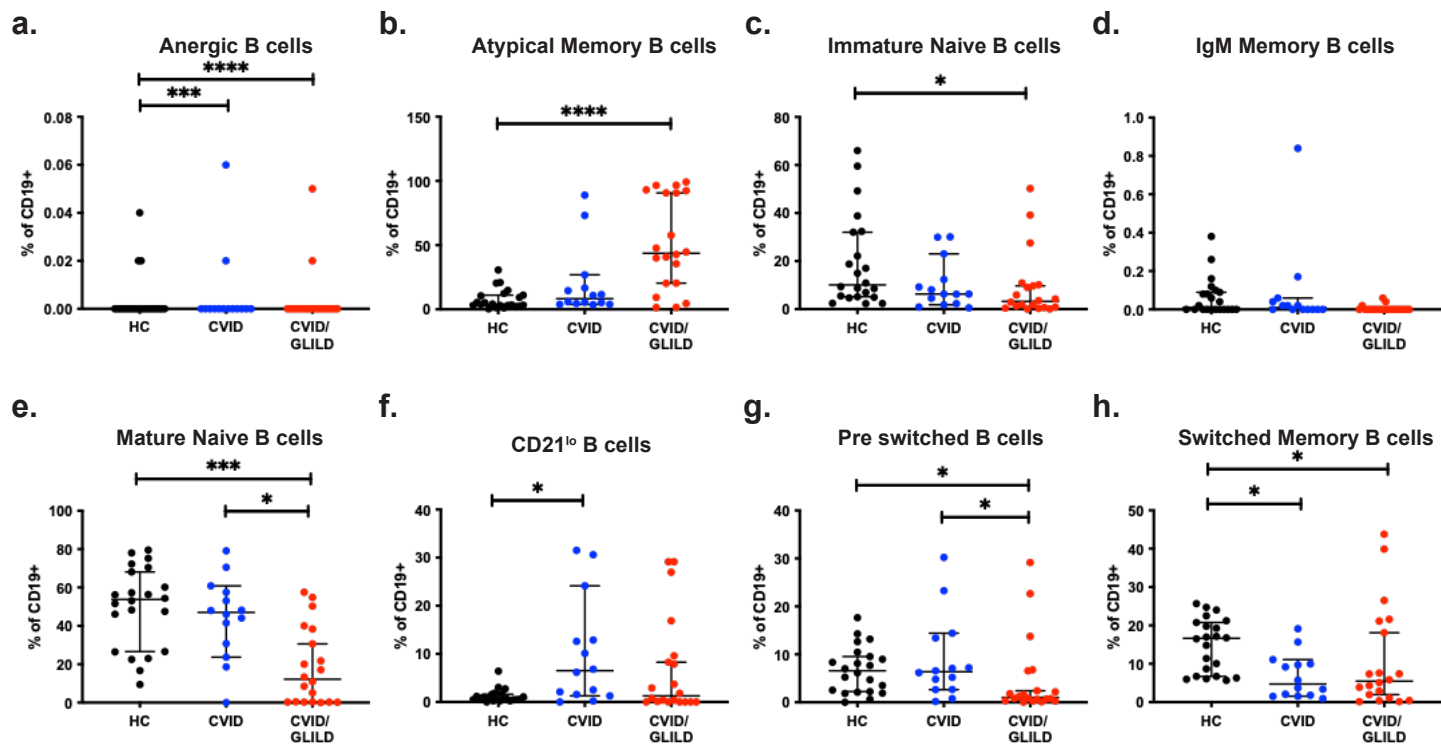
Supplemental Figure 1



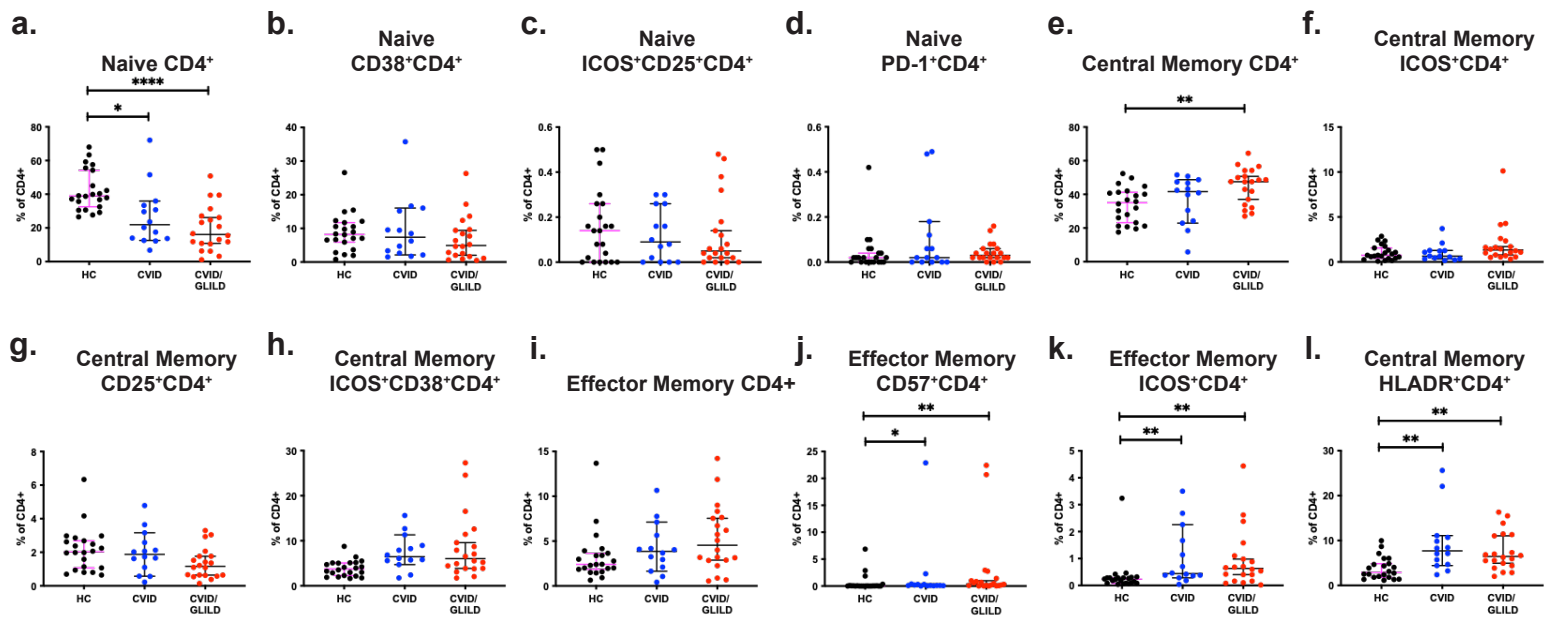
Supplemental Figure 2  
 Gating strategy for CD19<sup>+</sup> B cell, CD4<sup>+</sup> T cell, and CD8<sup>+</sup> T cell populations described in Figures 2-4.



Supplemental Figure 3

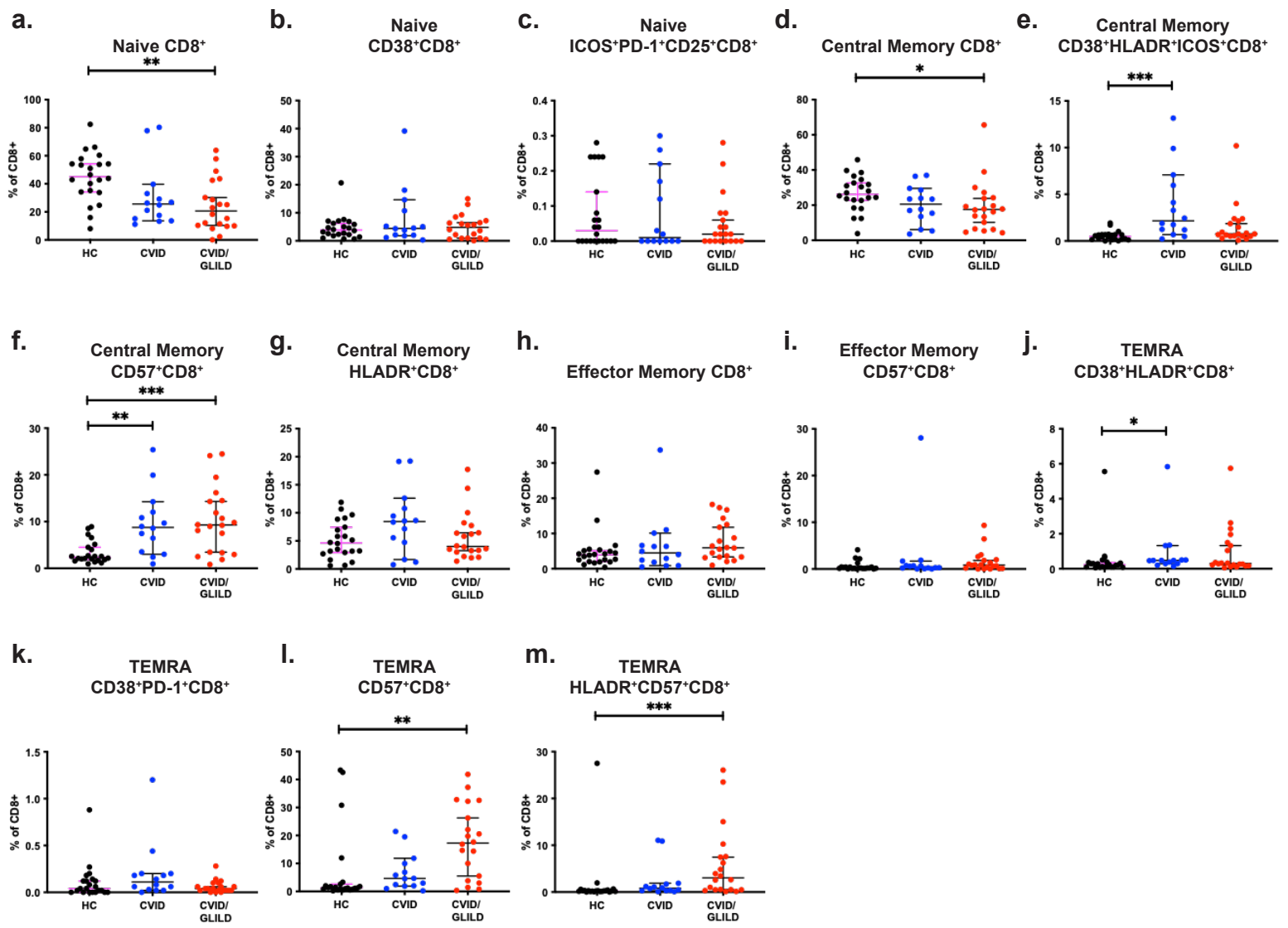


Supplemental Figure 4  
 Frequency distribution of Phenograph-derived population clusters of CD19<sup>+</sup> cellular events from Fig 2l.



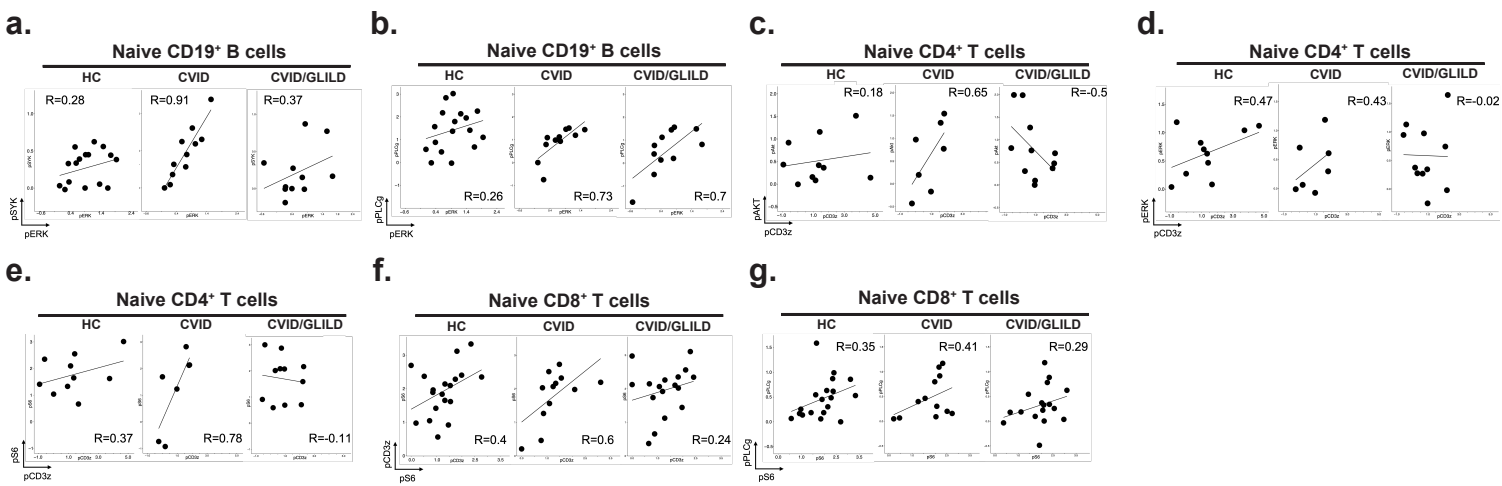
Supplemental Figure 5

Frequency distribution of Phenograph-derived population clusters of CD4<sup>+</sup> cellular events from Fig 3m.



Supplemental Figure 6

Frequency distribution of Phenograph-derived population clusters of CD8<sup>+</sup> cellular events from Fig 4m.



### Supplemental figure 7

Correlation scatterplots of the pairwise signaling molecules described in Figures 5-7 within their respective naive lymphocyte cellular population.