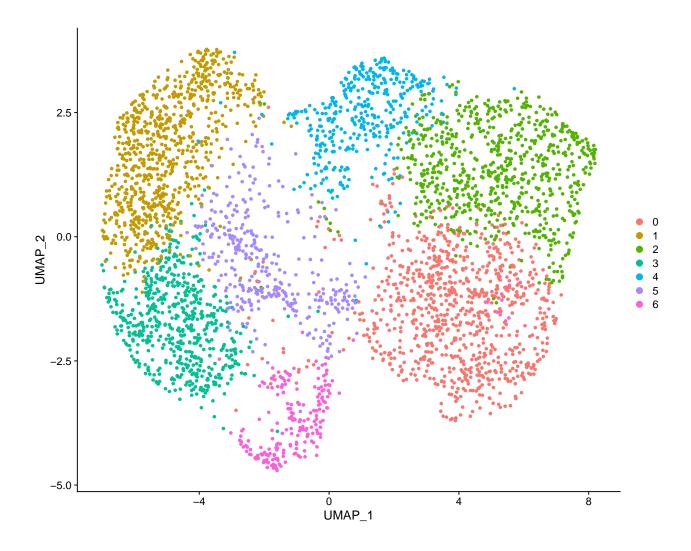
AML5

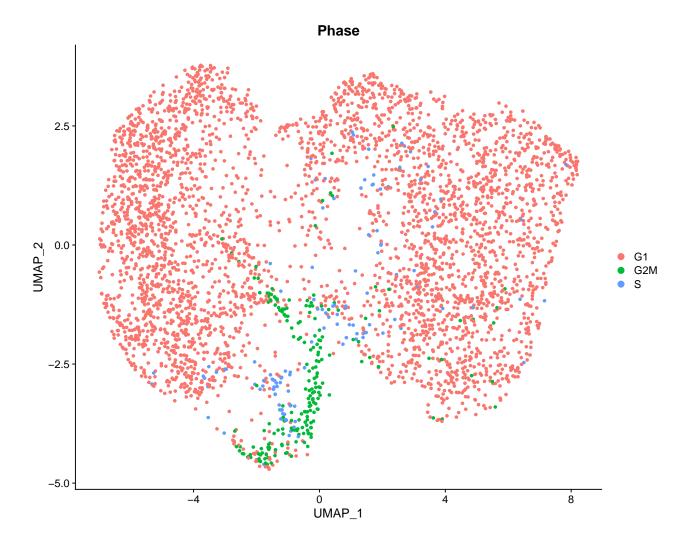
jtrincado

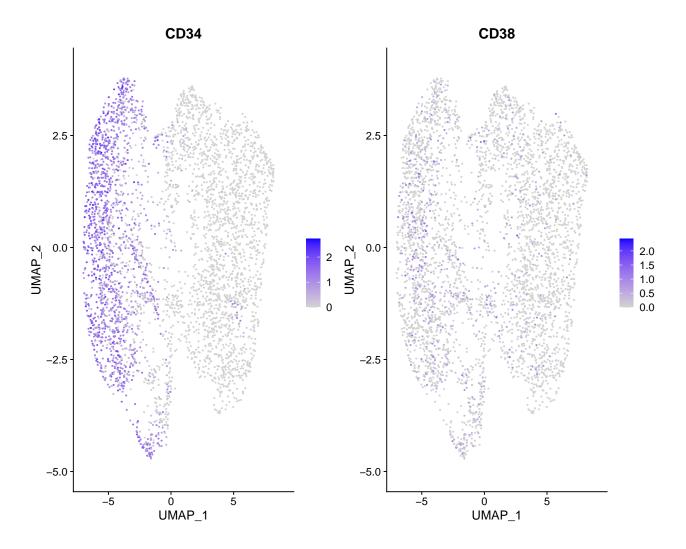
2022-02-08 11:28:36

${\bf Contents}$

	2. Get the LSC6 score	
	paper	
	4. Project the predictions from Velten onto our UMAP	
	Cluster 1 seems the most likely to be enriched in LSC	
	Put together both 34 and 38 libraries. Apply QC and dimensionality reduc- on.	
##	Modularity Optimizer version 1.3.0 by Ludo Waltman and Nees Jan van Eck	
##	· ·	
##	Number of nodes: 3979	
##	Number of edges: 132147	
##		
	Running Louvain algorithm	
	Maximum modularity in 10 random starts: 0.8250	
	Number of communities: 7	
##	Elapsed time: 0 seconds	
## ##		
##	v v v	
##		
##	Warning: The default method for RunUMAP has changed from calling Python UMAP via reticulate To use Python UMAP via reticulate, set umap.method to 'umap-learn' and metric to 'correlation This message will be shown once per session	

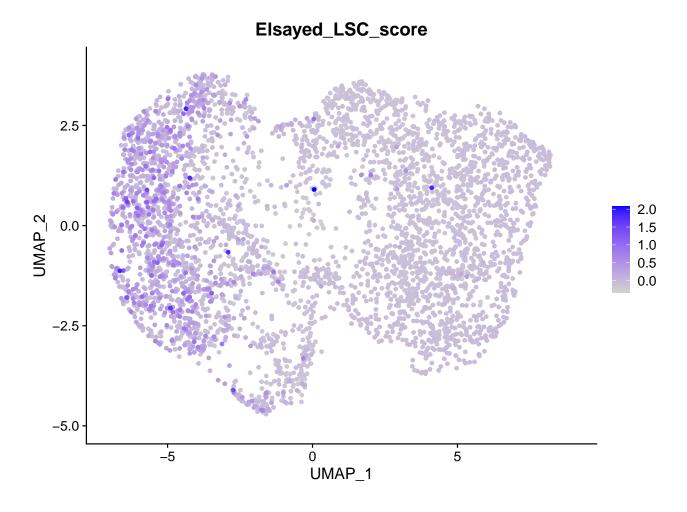


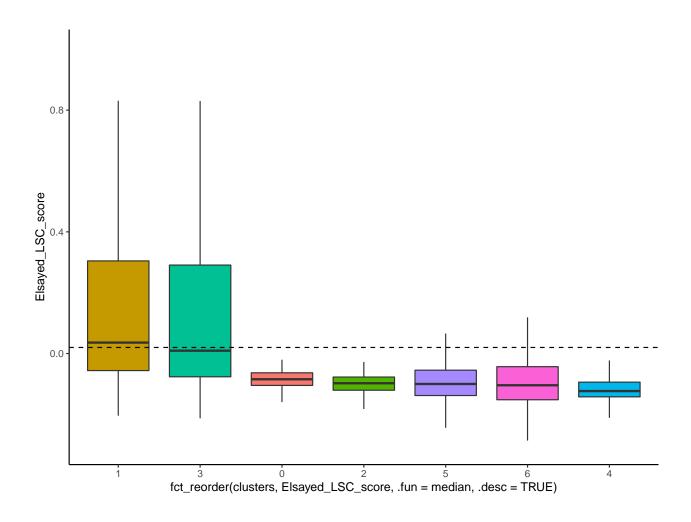




2. Get the LSC6 score

[1] "CD34" "SPINK2" "SOCS2" "FAM30A" "ADGRG1" "DNMT3B"



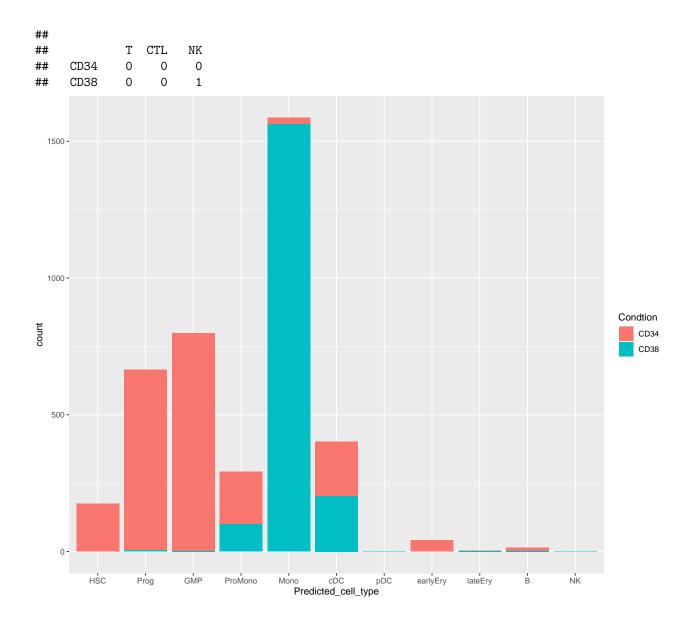


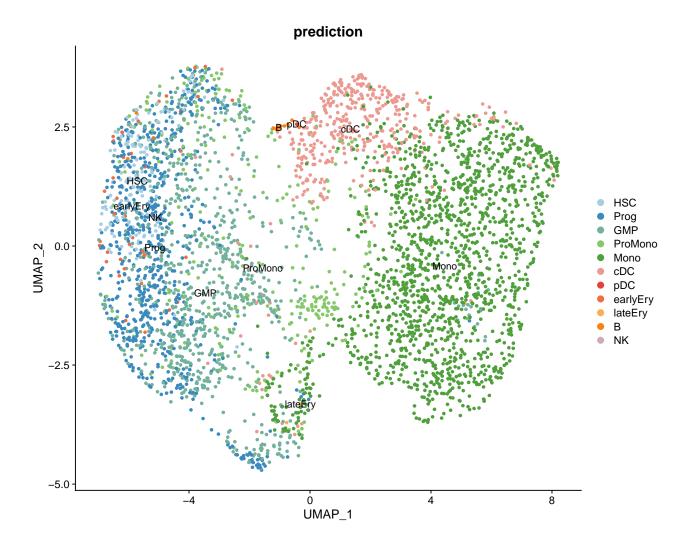
3. Predict the class of the cells using the markers and the expression of the BM cells form Van_Galen paper

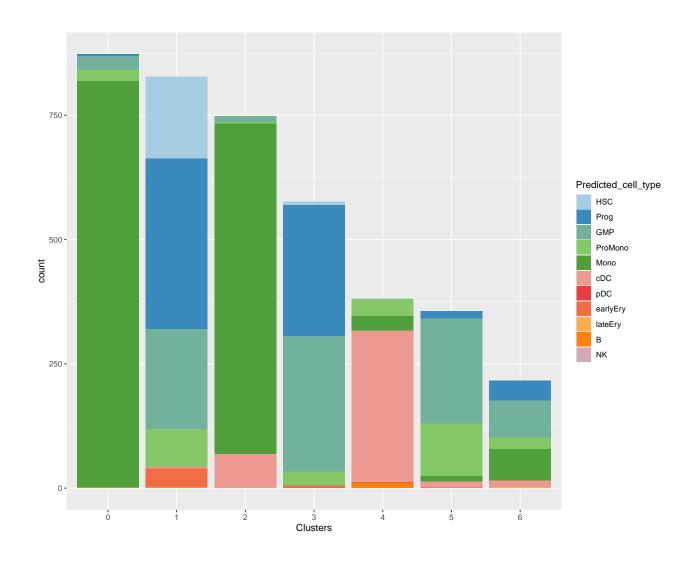
```
## Performing PCA on the provided reference using 1821 features as input.
```

- ## Projecting cell embeddings
- ## Finding neighborhoods
- ## Finding anchors
- ## Found 2488 anchors
- ## Filtering anchors
- ## Retained 1601 anchors
- ## Finding integration vectors
- ## Finding integration vector weights
- ## Predicting cell labels

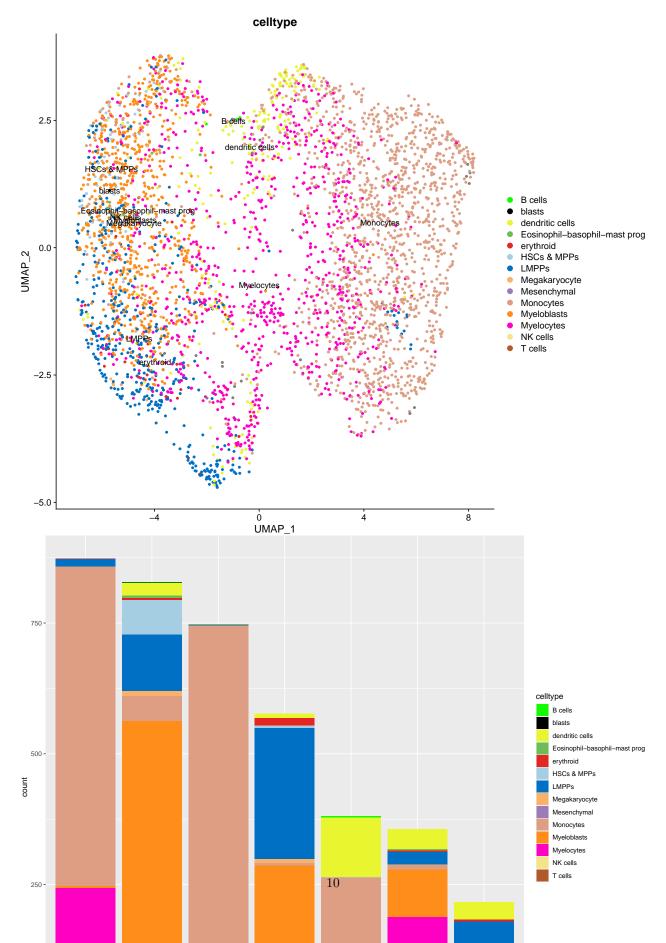
pDC earlyEry lateEry ProB ## HSC Prog GMP ProMono Mono \mathtt{cDC} B Plasma 797 24 199 0 ## **CD34** 192 42 1 0 11 0 CD38 5 2 100 1563 203 1 0 0 2 0







4. Project the predictions from Velten onto our UMAP



Cluster 1 seems the most likely to be enriched in LSC