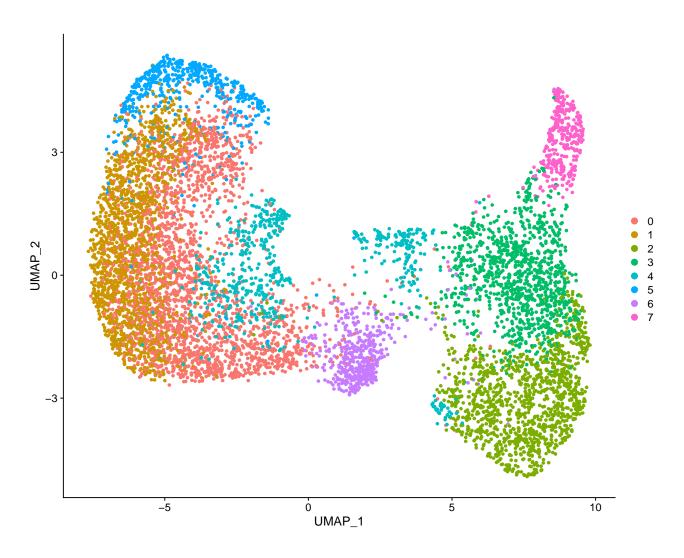
AML10_Dx

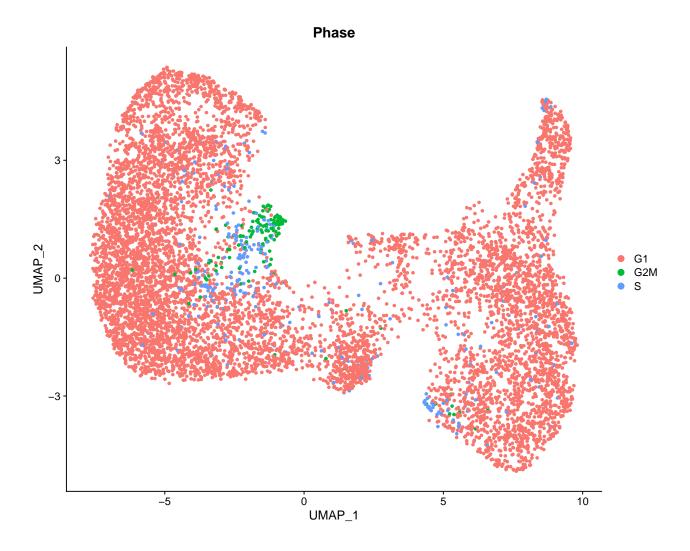
jtrincado

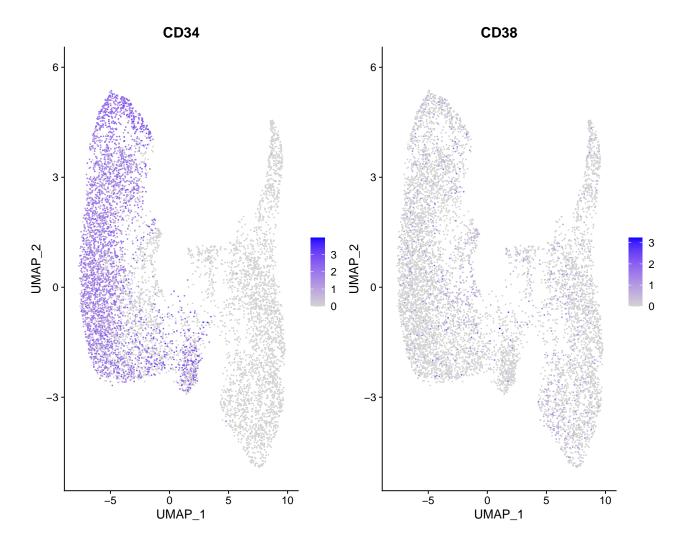
2022-02-08 13:27:35

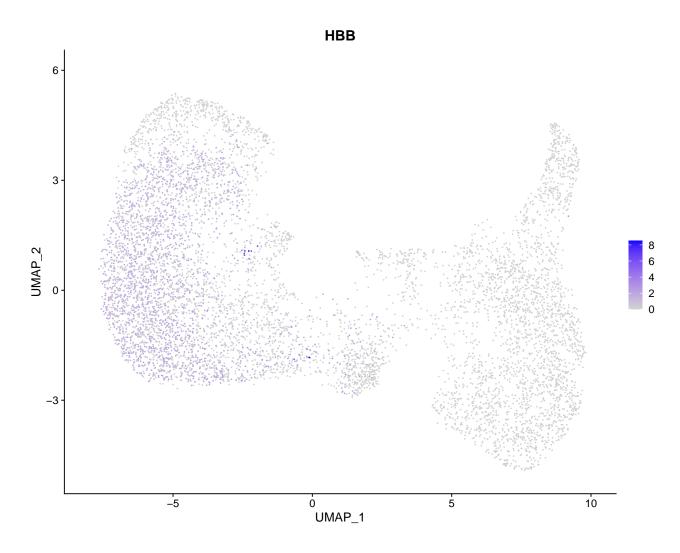
Contents

	1. Put together both 34 and 38 libraries. Apply QC and dimensionality reduction
	2. Get the LSC6 score
	3. Predict the class of the cells using the markers and the expression of the BM cells form Van_Galen
	paper
	4. Project the predictions from Velten onto our UMAP
tic	Put together both 34 and 38 libraries. Apply QC and dimensionality reducton.
tic	
tic	CD34_AAACCCAAGCGTGAGT-1 CD34_AAACCCACAAGCGAAC-1 CD34_AAACCCACACCTCAGG-1
tic ## ##	CD34_AAACCCAAGCGTGAGT-1 CD34_AAACCCACAAGCGAAC-1 CD34_AAACCCACACCTCAGG-1
tic ## ##	CD34_AAACCCAAGCGTGAGT-1 CD34_AAACCCACAAGCGAAC-1 CD34_AAACCCACACCTCAGG-1 1 0 6 CD34_AAACCCACATTGACTG-1 CD34_AAACCCATCTGTCGTC-1



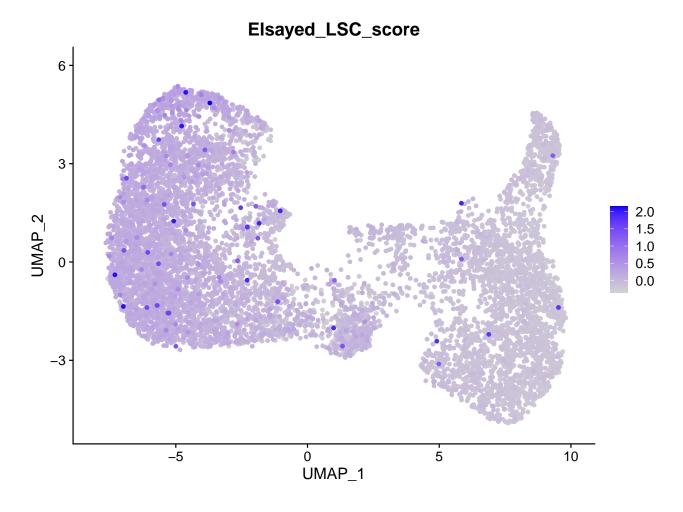


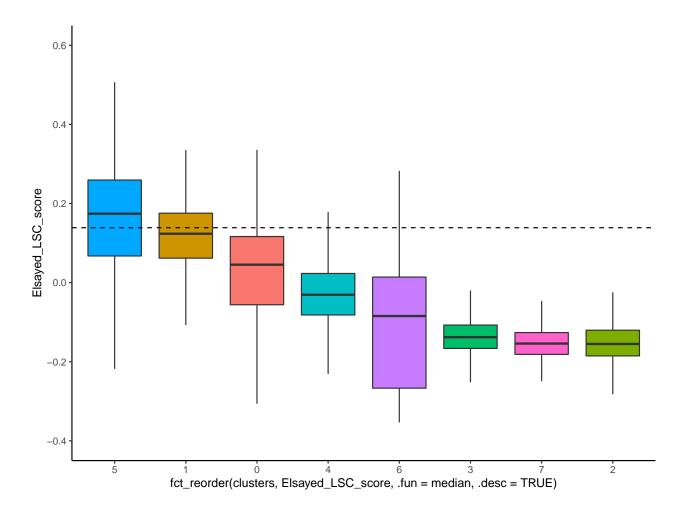




2. Get the LSC6 score

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



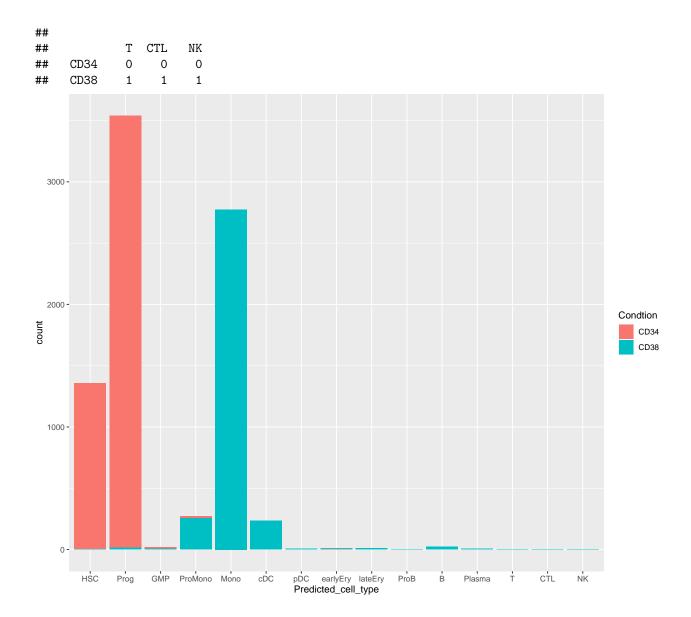


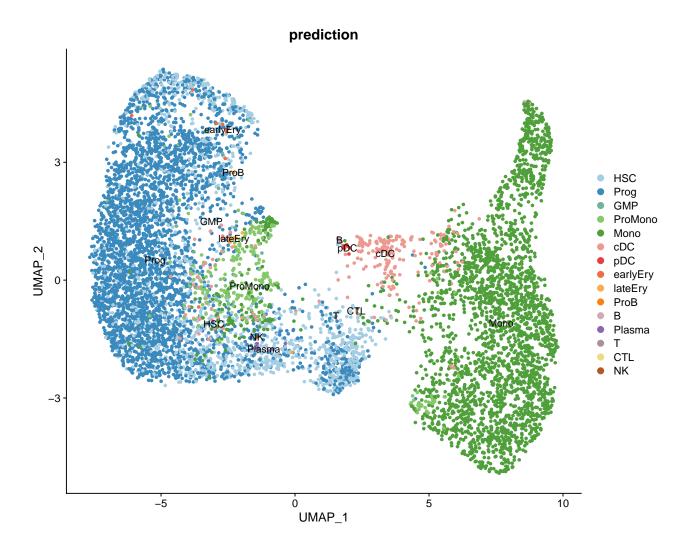
3. Predict the class of the cells using the markers and the expression of the BM cells form $Van_Galen\ paper$

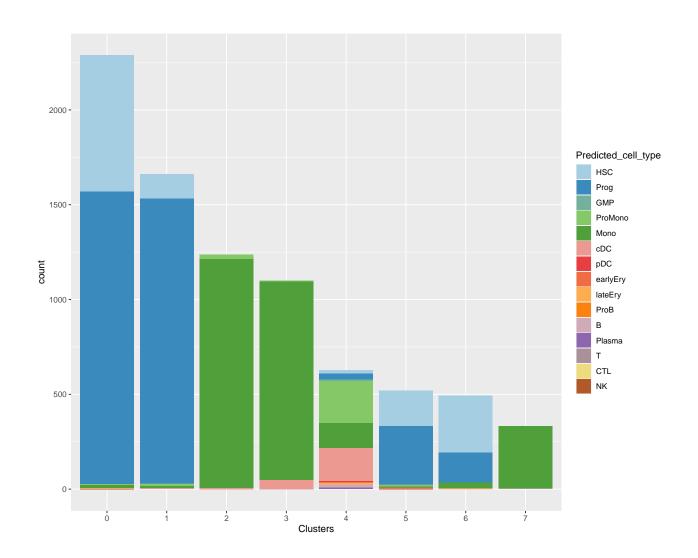
```
## Performing PCA on the provided reference using 1821 features as input.
```

- ## Projecting cell embeddings
- ## Finding neighborhoods
- ## Finding anchors
- ## Found 2785 anchors
- ## Filtering anchors
- ## Retained 1482 anchors
- ## Finding integration vectors
- ## Finding integration vector weights
- ## Predicting cell labels

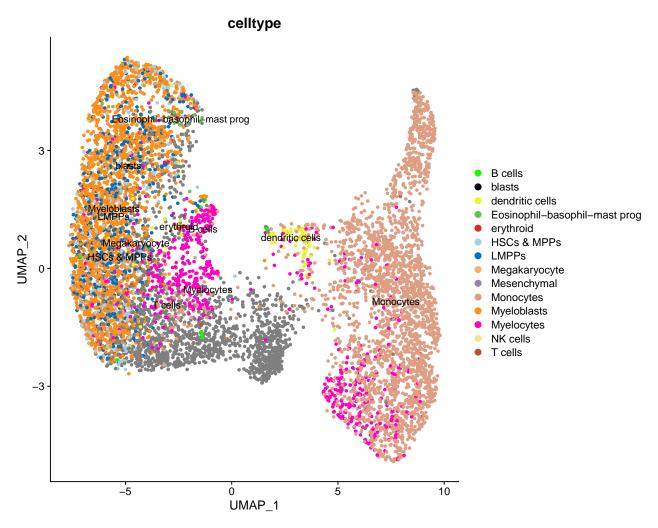
##													
##		HSC	Prog	GMP	${\tt ProMono}$	${\tt Mono}$	cDC	pDC	earlyEry	lateEry	${\tt ProB}$	В	Plasma
##	CD34	1353	3527	14	18	0	1	0	1	2	0	0	0
##	CD38	3	14	7	254	2774	235	7	8	9	1	22	8

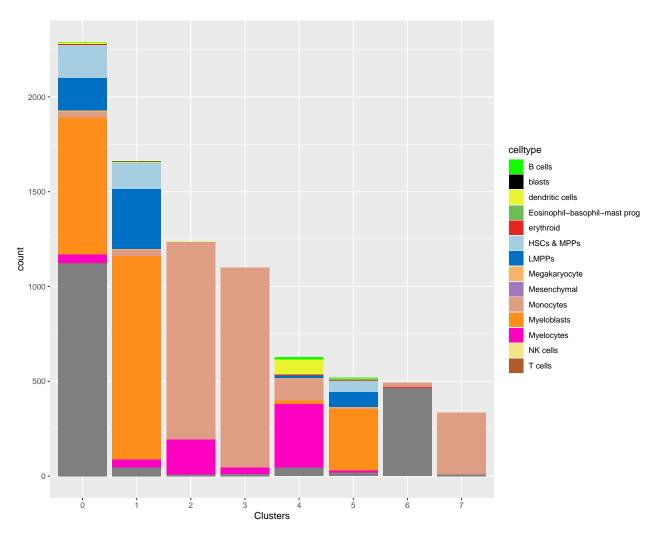






4. Project the predictions from Velten onto our UMAP





Cluster 5 seems the most likely to be enriched in LSC