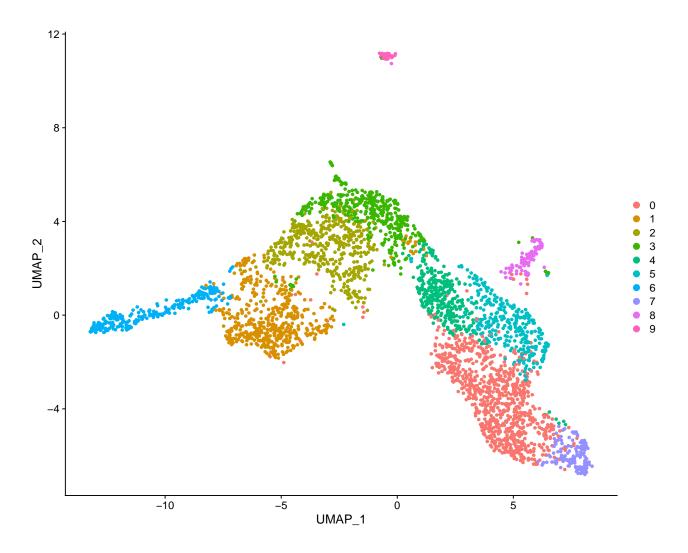
AML8_Dx

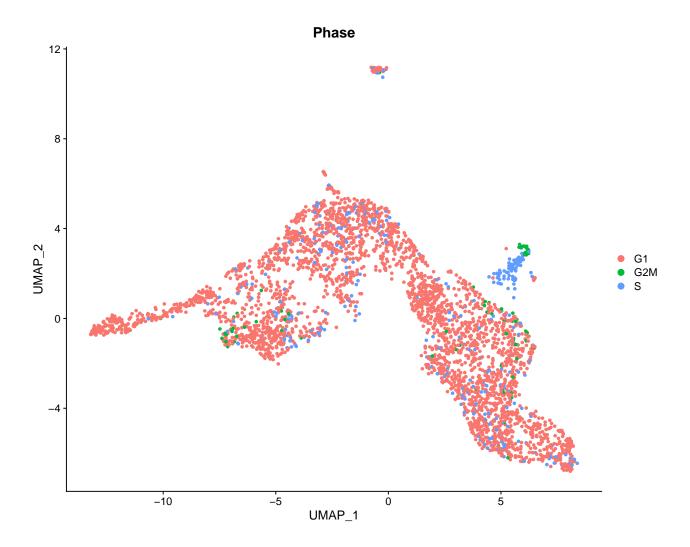
jtrincado

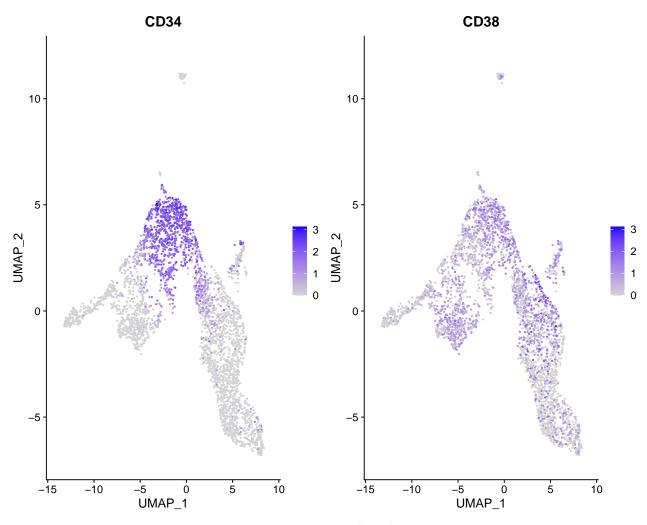
$2022\hbox{-}02\hbox{-}08\ 10\hbox{:}11\hbox{:}44$

${\bf Contents}$

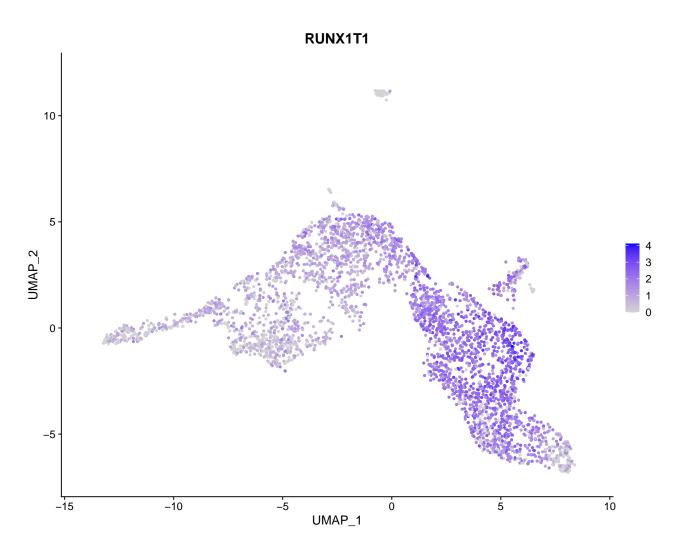
	3. Predi paj	ct the per	e clas	ss of t	he ce	ells us	ing t	he m	arker 	s and \ldots	the 6		
	Put ton.	oget	ther	bo	th 3	34 a	nd :	38 l	ibra	ries	. A	apply QC and dimensionality reduc-	
##	CD34_A	AACCC	CACAC	GCAG:	TTT-:	1 CD3	34_A	AACC	CAGT!	ATGC	GG-1	1 CD34_AAACCCAGTATCGCAT-1	
##	_				;	3					1	1 0	
##	CD34_A	AACCC	CATCA	ACCC	TTG-:	1 CD3	34_A	AACG	AAGTO	GTGCT	TA-1	1	
##					4	4					4	4	
##	Levels	: 0 1	1 2 3	3 4 5	5 6	7 8 9)						
##													
##		0	1	2	3	4	5	6	7	8	9		
##	CD34	35	79	451	391	309	55	8	45	35	0		
##	CD38	812	420	7	19	23	267	263	109	56	43		
##	Warning	ς: Th	ne de	efau]	lt me	ethod	l for	r Rui	nUMAF	has	cha	anged from calling Python UMAP via reticulate to the	į
	-	-										thod to 'umap-learn' and metric to 'correlation'	
	This me	•								-		- -	





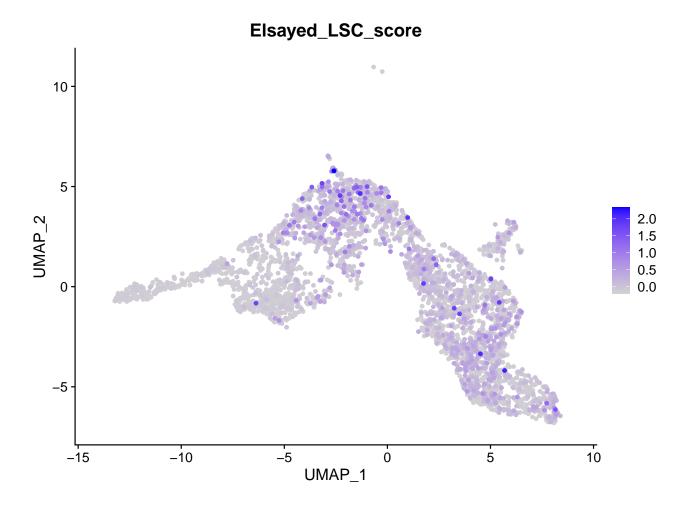


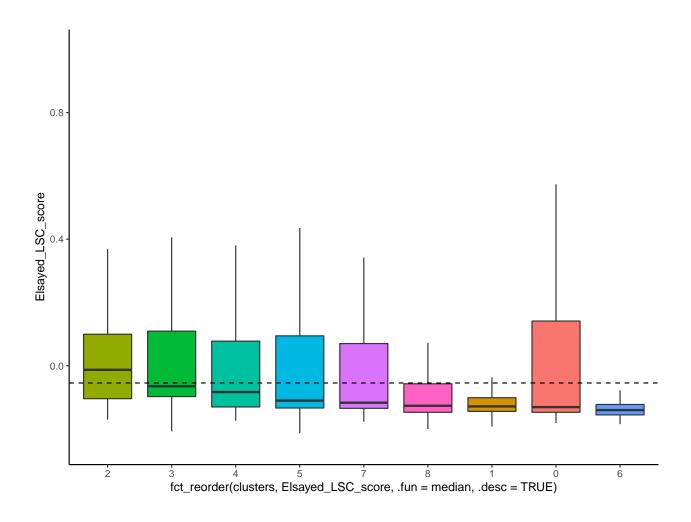
Check for expression of malignant marker for t(8;21) RUNX1T1



2. Get the LSC6 score

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



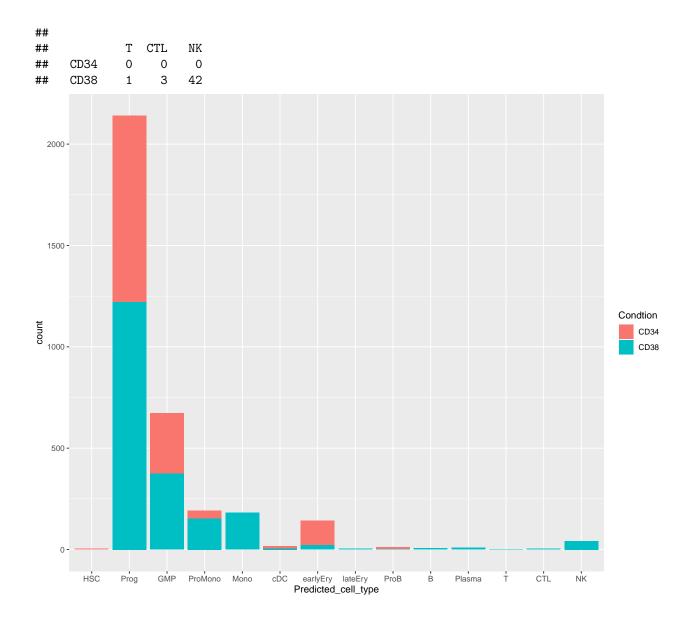


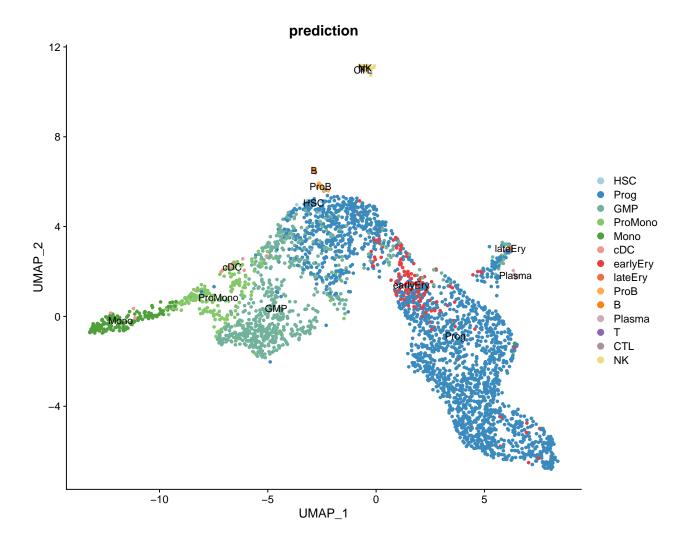
3. Predict the class of the cells using the markers and the expression of the BM cells form Van_Galen paper

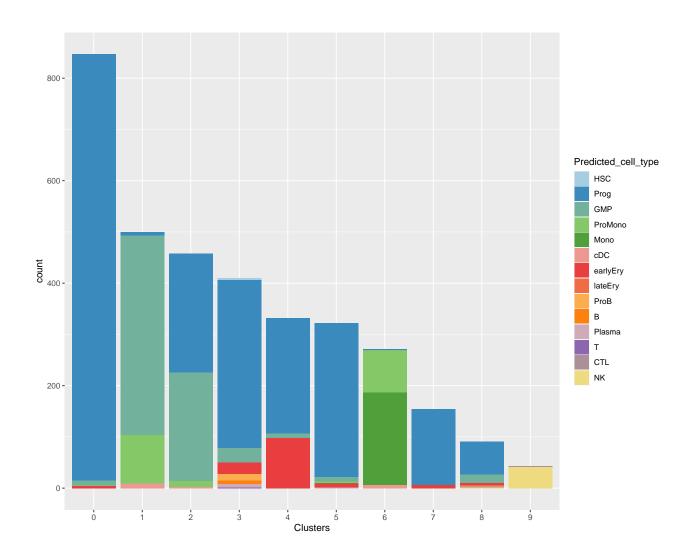
```
## Performing PCA on the provided reference using 1821 features as input.
```

- ## Projecting cell embeddings
- ## Finding neighborhoods
- ## Finding anchors
- ## Found 1128 anchors
- ## Filtering anchors
- ## Retained 902 anchors
- ## Finding integration vectors
- ## Finding integration vector weights
- ## Predicting cell labels

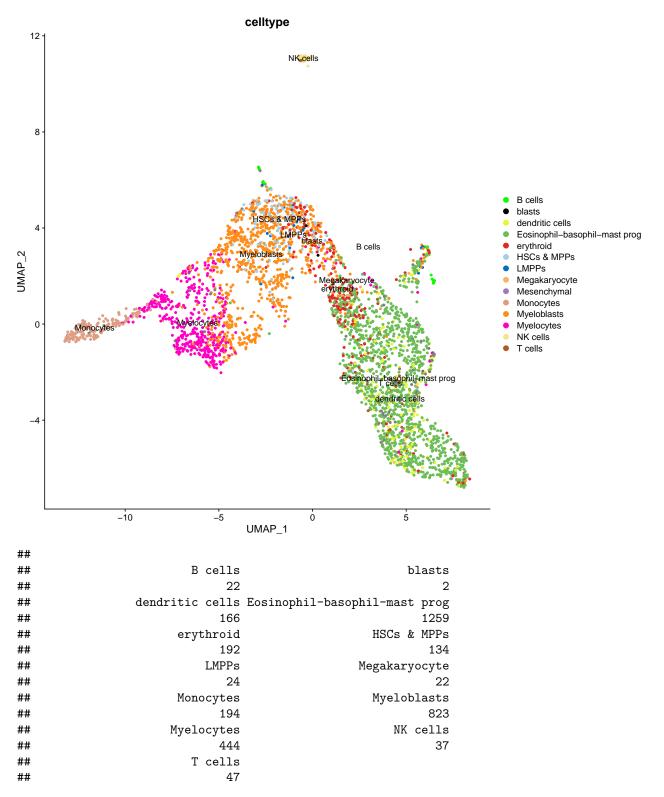
##												
##		HSC Prog	GMP	ProMono N	lono	cDC	pDC	earlyEry	lateEry	${\tt ProB}$	В	Plasma
##	CD34	4 920	299	38	0	12	0	122	0	12	0	1
##	CD38	0 1221	374	153	181	5	0	21	3	1	6	8

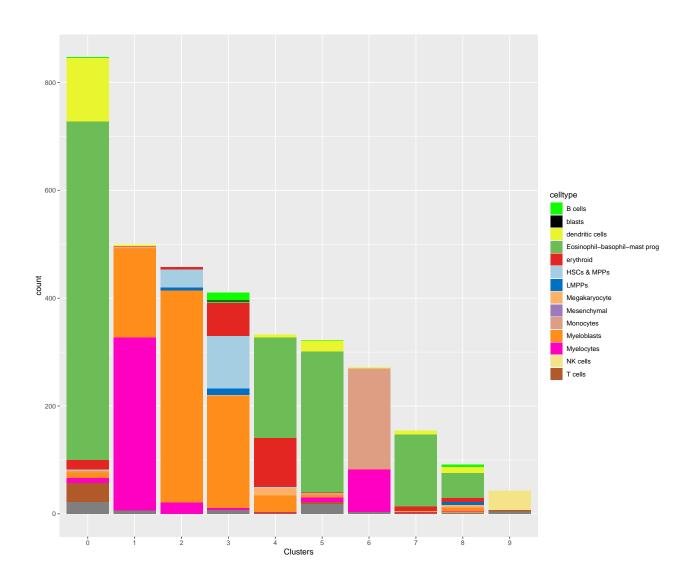






4. Project the predictions from Velten onto our UMAP





Cluster 2 appears as the one more enriched on LSC6.