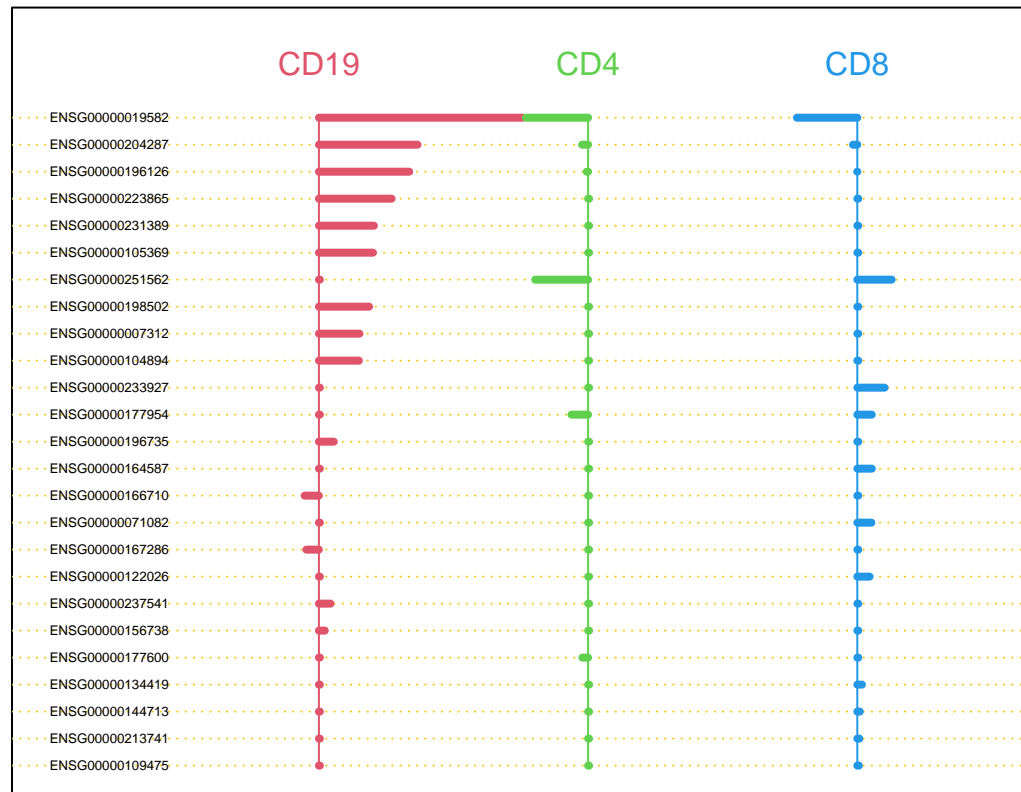


Assignment 3

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1



Centroid plot shows distance from gene mean value to global mean value. Positive or negative shows direction to the global mean. Yes, it can happen that all values for some gene in centroid plot are positive. Number of genes selected when threshold = 7.212944 : 25.

2.

Most contributed genes: ENSG00000019582, ENSG000000204287. alternative names: CD74, HLA-DRA. These genes are marker genes for B cells

Test error: 10

3.

	Test error	N. features
NSC	10	25
EN	5	143
SVM	2	2085