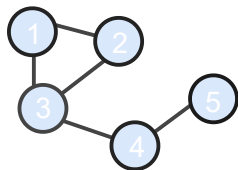


Gene neighborhood graph

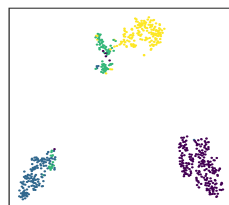
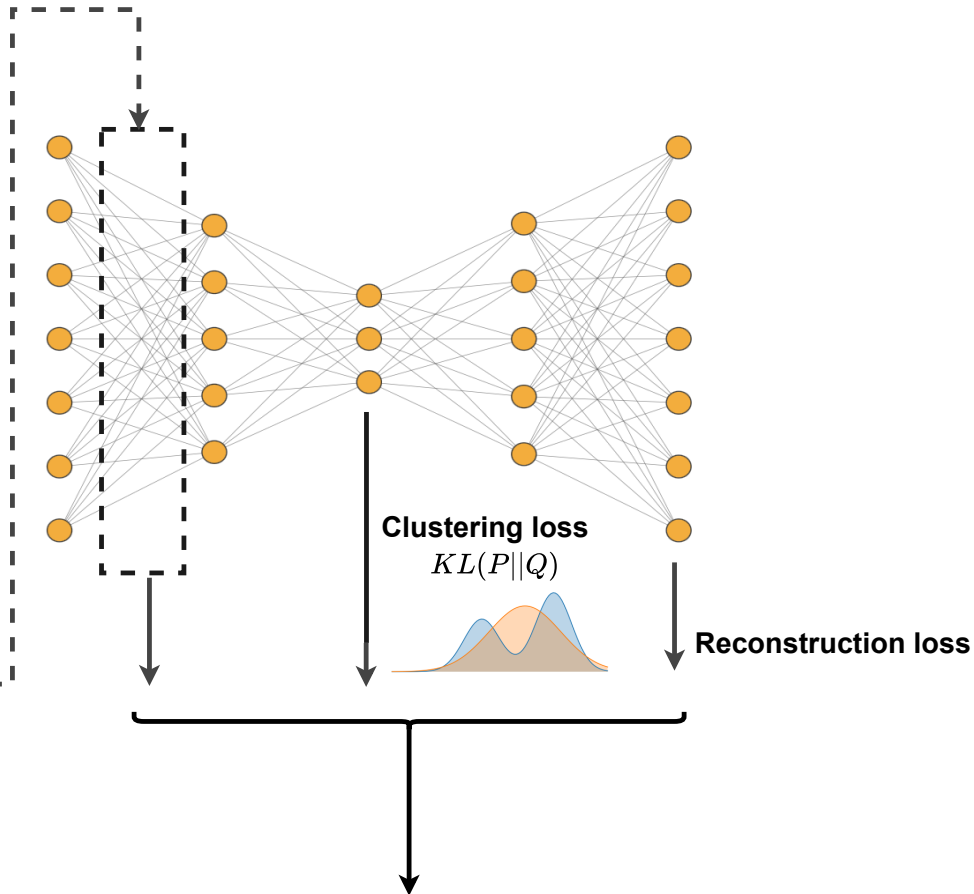


Laplacian matrix

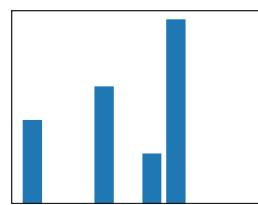
2	-1	-1			
-1	2	-1			
-1	-1	3	-1		
		-1	3	-1	-1
			-1	2	-1
			-1	-1	2

$L_{2,1}$ norm regularization

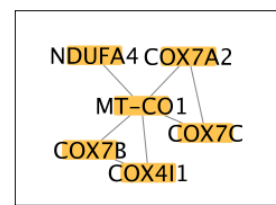
Graph regularization



Cell Clusters



Importance score



Importance genes graph