

DENdb contains more than 3.5 integrated enhancers, 763,131 DHS regions, and over 763,131 DHS regions occurrence.

Enhancer's breakdown per cell-line is as follow:

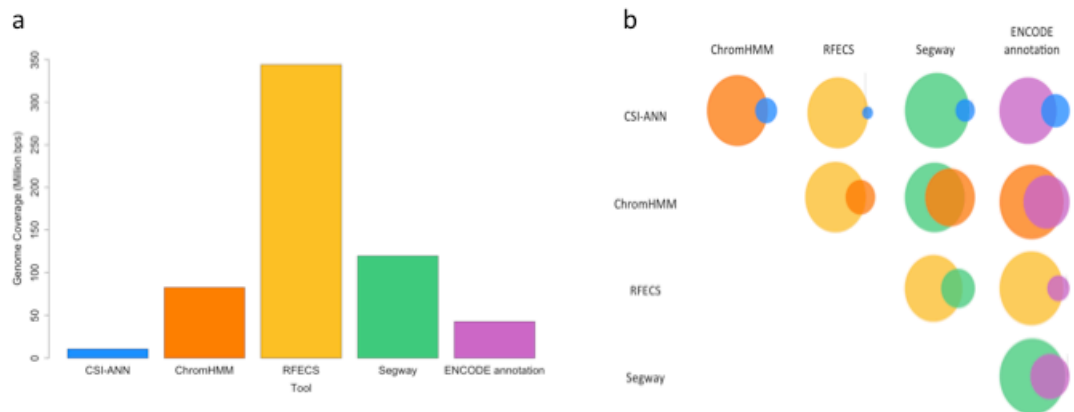
Cell-line	Enhancers count
Dnd41	3674
Gm12878	267944
H1hesc	1444022
Helas3	215364
Hepg2	658668
Hmec	6612
Hsmm	14593
Hsmmt	5807
Huvec	324717
K562	535171
MonoCd14	5545
Nha	4894
Nhdfad	10634
Nhek	6222
Nhlf	8336

Original enhancer's count based on their prediction tools is summarized in the following table:

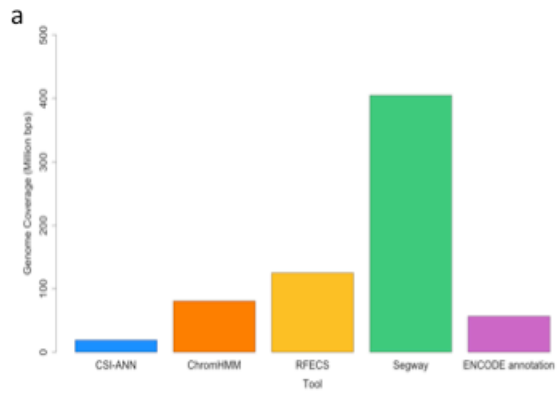
Cell line	CSI-ANN	ChromHMM	Segway	RFECs	Integrative ENCODE segmentation
Dnd41	18,681	-	-	43,681	-
Gm12878	6,380	156,118	421,147	172,084	86312
H1hesc	9,613	172,075	2,338,070	62,361	156,491
HelaS3	13,354	138,530	459,740	43,722	89,431
HepG2	20,473	140,959	1,054,299	126,583	56,137
Hmec	24,066	-	-	93,429	-
Hsmm	22,538	-	-	142,076	-
Hsmtt	23,026	-	-	75,800	-
Huvec	24,740	208,081	681,931	95,614	61,958
K562	17,309	205,137	1,237,490	65,329	75,454
MonoCD14	31,162	-	-	63,893	-
Nha	19,553	-	-	139,170	-
Nhdfad	21,343	-	-	147,797	-
Nhek	33,207	-	-	99,907	-

Overlap of predictions for tier one cell-lines is summarized in the following figures:

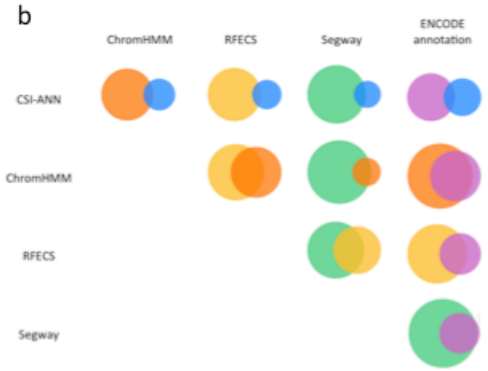
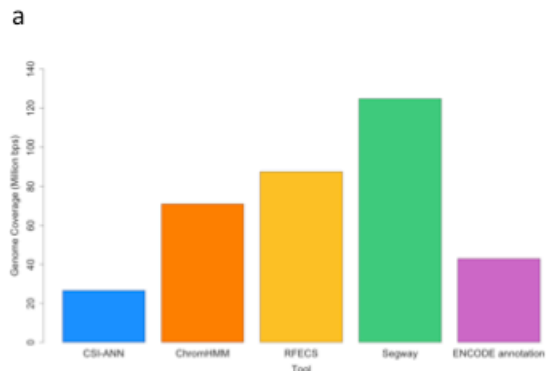
1- Gm12878



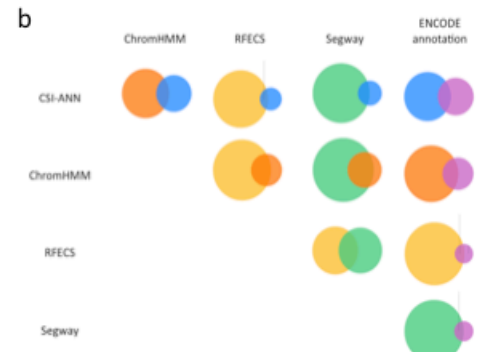
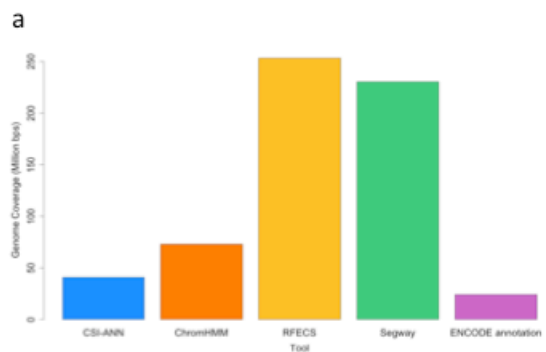
2- H1hesc



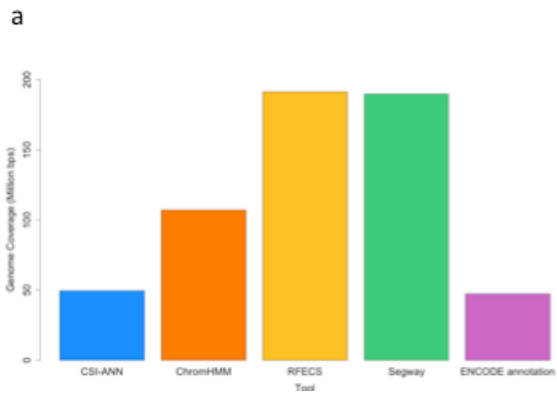
3- Helas3



4- Hepg2



5- Huvec



6- K562

