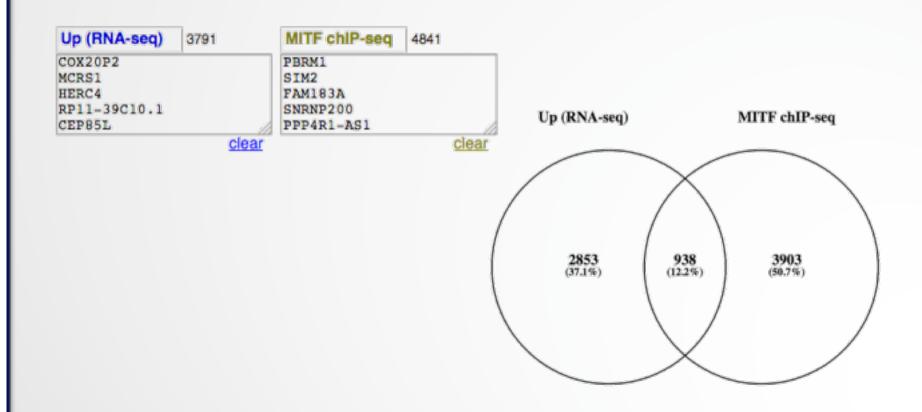
RNA-seq and ChIP-seq data integration

(answer to questions)

- 1.
 - Retrieve Gene symbols of up-regulated genes (use the file siMitfvssiLuc.up.txtyou annotated with BioMart)
 - Download the annotated peaks (dataset generated with HOMER). Use the Gene Name column.



- 2.
 - Download MITF peaks (Output of MACS2 narrow peaks) -> Use it as reference coordinates in seqMINER
 - Create the RNAseq file with excel starting from the file (siMitfvssiLuc.up.txt annotated with Ensembl):
 - · 1st column : Ensembl Gene IDs
 - \bullet 2nd column: normalized siMITF divided by gene length in Kb
 - (save the file as tabulated text file)
 - Go to seqMINER

