Finding the genes that are close to SNPs using the SNP name, the SNP position or a region (e.g. window of 1Mb):

1) Open Ensembl database www.ensembl.org

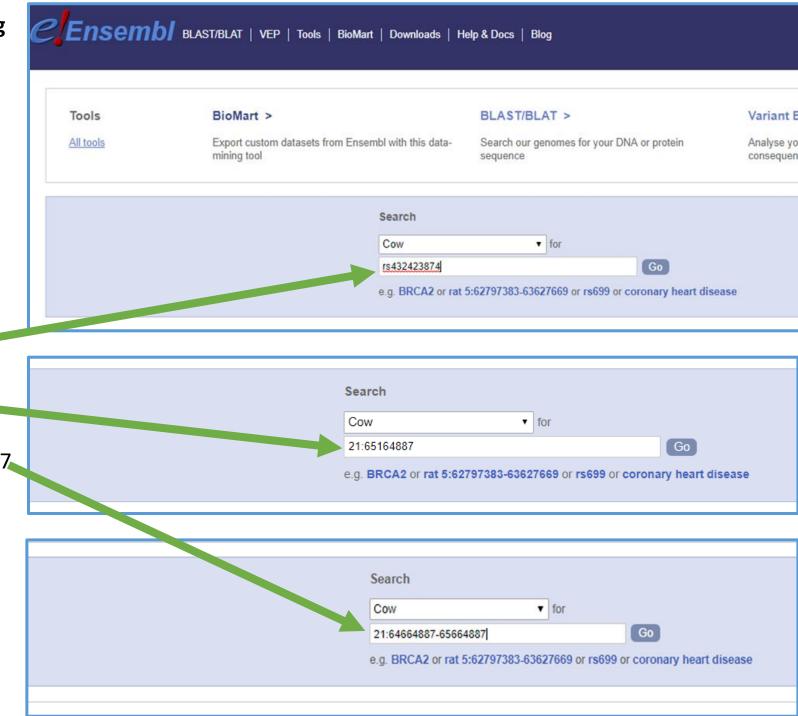
2) Select the specie: cow

3) Insert the **SNP name**: rs432423874

SNP position: 21:65164887

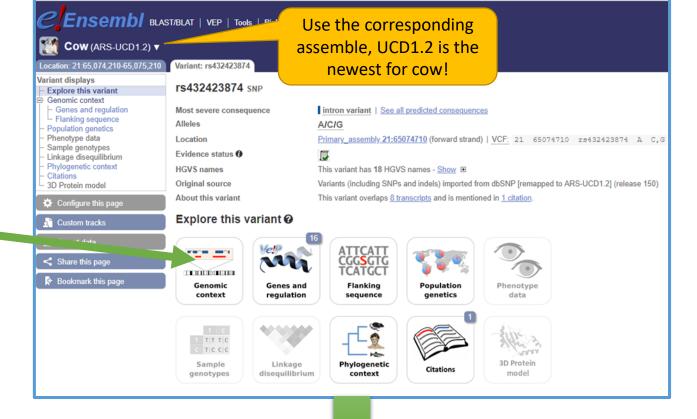
or **SNP region:** 21:64664887-65664887

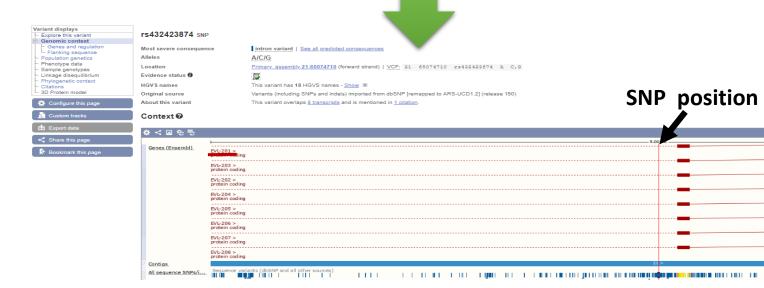
4) Go



If you use the <u>SNP name (rs432423874)</u> you will obtain information about the location, alleles, etc., and the chance to explore specific information about the variant. Here you need to select **Genomic context**

The gene **<u>EVL</u>** overlaps **your SNP**





In the case of using a region surrounding the SNP then you could obtain more genes in this window

The information on this region can be **exported** in different formats (CSV, txt, GFT.. files)

