Online websites we used

**GO (Gene Ontology):** [http://geneontology.org/](https://links.jianshu.com/go?to=http%3A%2F%2Fgeneontology.org%2F). Once you're there, type in the content of interest in the search box and select "calcium homeostasis

", search. When you found out, click on the word "Organism" to limit the species to "Homo saplens". Next we click the "Custom DL" button to download. When the next screen comes up, we select the left "Gene/product(bioentity\_name)" and "Synonym" (Synonym), which represent the full gene name and another name for the same gene, respectively. The second line, "Gene/product(bioentity\_label)," is important, and we'll keep it on the right. It's the "SYMBOL" of the genetic standard.

**Venn:** [Draw Venn Diagram (ugent.be)](http://bioinformatics.psb.ugent.be/webtools/Venn/) After entering the official website, differential genes and calcium homeostasis related genes were uploaded into the input data on the left side. Download the result when you get it.