

Exercises with identifiers

- **1 Use BioMart, David, and KEGG to find out more about the (homo sapiens) genesymbol ATXN3, compare the results, are there any inconsistencies?**
 - 1.1 EC number
 - 1.2 description
 - 1.3 gene start and stop
 - 1.4 look up all transcript and protein isoforms
 - 1.5 the KEGG pathway
- **2 Use BioMart to generate a mapping table between genesymbols, and Ensembl protein ID including descriptions**
 - 2.1 save the list as tab separated file and try to import in Excel without messing up the identifiers
 - 2.2 if the list is too big, break it up