Build Protein-Protein Interaction network with PSICQUIC

PSICQUIC is a tool developed by Pablo Porras at EBI and it is in principle a meta-server that runs queries of PPI from multiple primary resources. It is available as:

1. web-based tool <http://www.ebi.ac.uk/Tools/webservices/psicquic/view/home.xhtml>
2. R/Bioconductor http://bioconductor.org/packages/release/bioc/html/PSICQUIC.html
3. Perl or Python client script to run web queries through API

**Use PSICQUIC web interface**

1. Paste list of genes into the search query and select source db
2. After initial search the service informs about number of interactions detected in given resource



1. Now we can view results, customise list of displayed columns and download results



1. Some of the resources e.g. Intact, Mentha, Reactome provide evidence scores that could be used for quality control purpose. Similarly as with StringDB is it advisable to use interactions with weight > 0.8 in order to decrease number of spurious interactions. This cut-off is arbitrary and should be adjusted for specific application.