

Running pBRIT:

1. **Prioritization Name:** Provide a name to identify your prioritization job. (optional)
2. **Email :** Optional
3. **Data Fusion method:** TF-IDF or TFIDF_SVD
4. **Phenotype Info:** Include or Discard
5. **Database Release:** Internal database of pBRIT (Currently January 2015 version)
6. **Training Genes:** Set of training genes (only HUGO Symbols)
7. **Test Genes:** Set of Candidate genes (only HUGO Symbols)
8. **Submit:** Click submit button for prioritization.

BAV Disease - prioritization : Provide a name to identify your prioritization job.

pbrituser@gmail.com : Optionally provide your email to receive a notification when the prioritization is finished.

TFIDF_SVD : pBRIT datafusion method

Include : Include known test-gene phenotype annotations into regression. If option is "include" means TestNNA analysis and if it is "discard" means TestALLNa analysis scenario.

Jan2015 : Database Release. The publication was based on release Dec2014.

TRAINING GENES	TEST GENES
<p>A set of genes known to be related to the phenotype of the patient. These genes will be used to train the model. Please provide at least "3" Training genes.</p> <p>Required format: GeneIDs according to HUGO, one per line.</p> <pre> IGFBP2 IGFBP1 IGFBP3 SLC22A10 SKI NOS3 GATA3 GATA6 HOXA1 NKX2-5 UFD1L EBI1 AVIN1 BDJ2 ELN ENG IGFBP2 IGF1 HSP27 ARHGAP16 QSOX1 MYL2 FGF8 JAG1 MLL2 </pre>	<p>A set of genes affected in the patient. These genes will be ranked on their similarity to the training set.</p> <p>Required format: GeneIDs according to HUGO, one per line.</p> <pre> MFSD7 KIF18B PBRP15 CASC8 ALDH1B1 DMXL2 BAI1 CFI TRAPP2C1 RLTR CASP8 TYRO3 GRIN2C MYEOV2 C14orf135 MIR483 ILF3 SEMA3C ABCC6 ACVR1B MESP1 MLL2 MADR3 EGFR1 </pre>

Waiting time for finishing the prioritization is average 90-120 seconds depending upon the queue in the CMG cluster network.

pBRIT candidate gene prioritization

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Results → BAV Disease - prioritization

Prioritization Results : BAV Disease - prioritization

Job submitted. The results will be made available here. You will also receive an email directing you to this page when the results are available.

This page autorefreshes every 30 seconds.
