Method section for Panther GO Pathway Analysis

To further explore the nature of how Semi-HM method classified genes for essentiality, enrichment analysis was performed using the online Gene Ontology Consortium (\ref{Ashburner2000,Gene2017,Panther2017}). At 10% training size and a posterior probability cutoff of 95%, genes identified as true positives, predicted positives, false positives, and false negatives by the Semi-HM method were analyzed with the annotated data set ‘Panther Pathways’.

I am unsure what else to add here.

@article{ Ashburner2000,

An = {PMC3037419},

Author = {The Gene Ontology Consortium and Ashburner, Michael and Ball, Catherine A and Blake, Judith A and Botstein, David and Butler, Heather and Cherry, J Michael and Davis, Allan P and Dolinski, Kara and Dwight, Selina S and Eppig, Janan T and Harris, Midori A and Hill, David P and Issel-Tarver, Laurie and Kasarskis, Andrew and Lewis, Suzanna and Matese, John C and Richardson, Joel E and Ringwald, Martin and Rubin, Gerald M and Sherlock, Gavin},

Date = {2000/05/},

Date-Added = {2018-08-13 20:18:59 +0000},

Date-Modified = {2018-08-13 20:18:59 +0000},

Db = {PMC},

Doi = {10.1038/75556},

Isbn = {1061-4036; 1546-1718},

J1 = {Nat Genet},

Journal = {Nature genetics},

Month = {05},

Number = {1},

Pages = {25--29},

Title = {Gene Ontology: tool for the unification of biology},

Ty = {JOUR},

U1 = {10802651{$[$}pmid{$]$}},

Url = {http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3037419/},

Volume = {25},

Year = {2000},

Bdsk-Url-1 = {http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3037419/},

Bdsk-Url-2 = {https://doi.org/10.1038/75556}}

@article{Gene2017,

An = {PMC5210579},

Author = {The Gene Ontology Consortium},

Date = {2017/01/04},

Date-Added = {2018-08-13 20:20:51 +0000},

Date-Modified = {2018-08-13 20:20:51 +0000},

Db = {PMC},

Doi = {10.1093/nar/gkw1108},

Isbn = {0305-1048; 1362-4962},

J1 = {Nucleic Acids Res},

Journal = {Nucleic Acids Research},

Month = {01},

Number = {Database issue},

Pages = {D331--D338},

Publisher = {Oxford University Press},

Title = {Expansion of the Gene Ontology knowledgebase and resources},

Ty = {JOUR},

U1 = {27899567{$[$}pmid{$]$}},

Url = {http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5210579/},

Volume = {45},

Year = {2017},

Year1 = {2016/11/28},

Year2 = {2016/11/16/accepted},

Year3 = {2016/10/25/received},

Year4 = {2016/11/28/pmc-release},

Bdsk-Url-1 = {http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5210579/},

Bdsk-Url-2 = {https://doi.org/10.1093/nar/gkw1108}}

@article{Panther2017,

author = {Mi, Huaiyu and Huang, Xiaosong and Muruganujan, Anushya and Tang, Haiming and Mills, Caitlin and Kang, Diane and Thomas, Paul D.},

title = {PANTHER version 11: expanded annotation data from Gene Ontology and Reactome pathways, and data analysis tool enhancements},

journal = {Nucleic Acids Research},

volume = {45},

number = {D1},

pages = {D183-D189},

year = {2017},

doi = {10.1093/nar/gkw1138},

URL = {http://dx.doi.org/10.1093/nar/gkw1138},

eprint = {/oup/backfile/content\_public/journal/nar/45/d1/10.1093\_nar\_gkw1138/3/gkw1138.pdf}

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