

GRN

## filter gmat

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```
gmat=FilterGmat(art,hvg=2000)
```

## GRNboost

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#path.to.pyscenic: 系统中pyscenic的位置，如/home/lijingyu/anaconda3/bin/pyscenic

#tf\_file : tf\_file 的位置'hs\_hgnc\_tfs.txt'

#only\_pos 只保留正调控

#min\_importance: 最小的阈值

```
regulon=runGRNboost(gmat,path.to.pyscenic,tf_file='  
,min_importance=2,only_pos=TRUE)
```

## GRN.R

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