GingerALE from Command Line
See http://brainmap.org/ale/cli.html

Conventions:

"FOCI.TXT" should be replaced with your ALE input.
GingerALE.jar is assumed to be in the Applications folder.
All other relevant files are assumed to be in the home directory.

Commands:
Open GingerALE GUi
>java -jar /Applications/GingerALE.jar

Calculate Ale values within mask (conservative Tal mask in example)
This Step should produce _ALE.nii and _PVal.nii. Neither of these are thresholded.

>java -cp /Applications/GingerALE.jar org.brainmap.meta.getALE2 FOCI.TXT -mask=new_mask_smaller.nii -nonadd

-mask=… Selects the mask file to use. Can be used to apply a custom mask.
-nonadd Applies nonadditive method described in Turkletaub teal (2011)

Threshold the image. This generates the error message:

>java -cp /Applications/GingerALE.jar org.brainmap.meta.getThreshold2 FOCI_ALE.nii FOCI_PVal.nii 0.05 -min=10 -mask=new_mask_smaller.nii

Clusters Tables
>java -cp /Applications/GingerALE.jar org.brainmap.meta.getClustersStats FOCI.txt FOCI_ALE.nii FOCI_ALE_clust.nii

Contrasts
Compute individual ALES for each condition separately and for both conditions combined together (pooled). Then run the following.

>java -cp /Applications/GingerALE.jar org.brainmap.meta.getALE2Contrast CONDITION1_ALE_thresh.nii CONDITION2_ALE_thresh.nii POOLED_ALE_thresh.nii -mask=grayTal_10_restricted222.nii -nonadd -pN=0.05

For each contrast of interest run the cluster table code from above
>java -cp /Applications/GingerALE.jar org.brainmap.meta.getClustersStats

FOCI.txt FOCI_ALE.nii FOCI_ALE_clust.nii