



outgroup (uncharacterized clade):  
Smo\_AtSPC97\_6\_1 (pt1) -->  
Smo\_AtSPC97\_5\_1 (pt1) -->  
At3g43610=NP\_189947, CAC05635 (A. thaliana) (pt2) -->  
Ppa\_AtSPC97\_4\_1 (pt3) -->

## SPC97/GCP2/Dgrip84 clade