

```
clustalw \  
-infile=/nr5000gp.cdhit40_ed.fa \  
-type=protein \  
-quicktree \  
-ktuple=1 \  
-window=5 \  
-pairgap=3 \  
-topdiags=5 \  
-score=percent \  
-gapopen=10.00 \  
-gapext=0.20 \  
-maxdiv=30 \  
-endgaps \  
-novgap \  
-hgapresidues=GPSNDQEKR \  
-gapdist=4 \  
-outorder=input \  
-interactive
```