

```
makeblastdb -in ~/work/tbev/NC_001672.fas -dbtype nucl -title NC_001672 -  
out ~/soft/blast+/db/NC_001672; cd ~/soft/blast+/db ; blastn -max_hsps 5 -  
max_target_seqs 1 -word_size 7 -query ~/work/tbev/txid11084_200619.fas -db  
NC_001672 -evalue 0.0000000001 -out  
~/work/tbev/blastn_txid11084_200619_vs_NC_001672_tmp -outfmt '6 qseqid  
sseqid pident length qlen slen evalue qstart qend sstart send' ; cd ~/work/tbev  
; cut -f 1,10,11 blastn_txid11084_200619_vs_NC_001672_tmp >  
tbev_coord_in_NC_001672 ; cut -f 2,3 tbev_coord_in_NC_001672 > tmp; sed -  
i 's/t/-/g' tmp ; perl -pe 's/(\d+)-(\d+)/join(",",$1..$2)/eg' tmp > tmp1 ; sed -i  
' :a;N;$!ba;s/\n/,/g' tmp1 ; sed -i 's/,/\n/g' tmp1 ; sort -g tmp1 > tmp2; sed -i  
'/^$/d' tmp2; uniq -c tmp2 > tmp3 ; sed -i 's/^ */g' tmp3; awk '{print $2,$1}'  
tmp3 > GB_occurrence_per_NC_001672_sites.txt ;
```