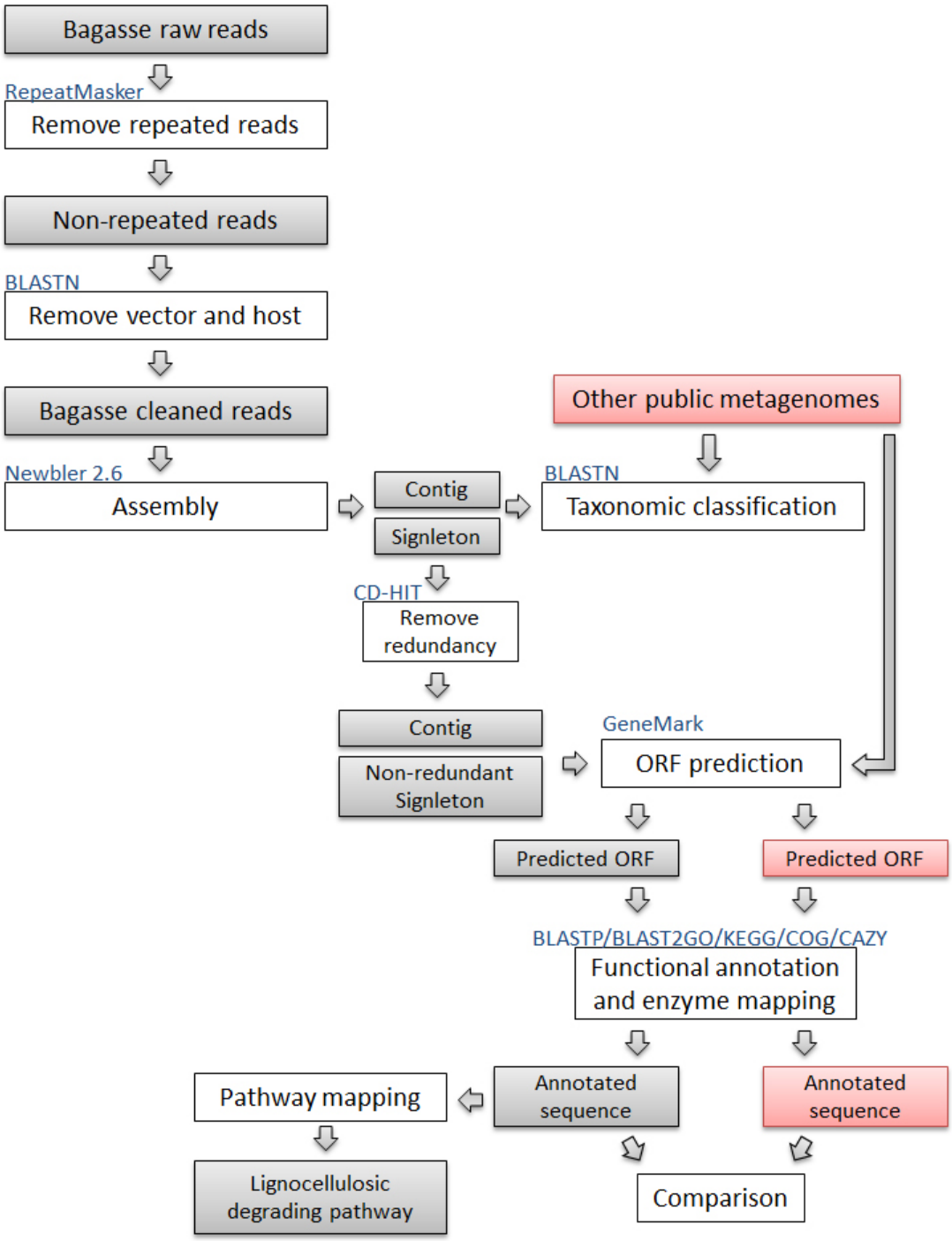
Figure S1


Bagasse raw reads
RepeatMasker
Remove repeated reads
Non-repeated reads
BLASTN
Remove vector and host
Bagasse cleaned reads
Newbler 2.6
Assembly
Contig
Signleton
Other public metagenomes
BLASTN
Taxonomic classification
CD-HIT
Remove redundancy
Contig
Non-redundant Signleton
GeneMark
ORF prediction
Predicted ORF
Predicted ORF
BLASTP/BLAST2GO/KEGG/COG/CAZY
Functional annotation and enzyme mapping
Annotated sequence
Annotated sequence
Pathway mapping
Lignocellulosic degrading pathway
Comparison