

## Output folder structure


Results of searching for protein's homologues with blastp

 found\_homolohous.tsv

Proteins' RefSeq assemblies


 assemblies\_list.tsv


Upstream sequences fasta file

 upstream\_sequences.fa

tsv tables with information about annotated ORFs in each locus.

 annotated\_ORFs


 locus\_id\_1.tsv


 locus\_id\_2.tsv

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Fasta files with conserved ORFs sequences

 nt/aa\_orfs\_fasta\_files


 conserved\_ORFs\_set\_1.fa


 conserved\_ORFs\_set\_2.fa

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Multiple sequence alignments fasta files for conserved ORFs

 nt/aa\_msa\_fasta\_files

 conserved\_ORFs\_set\_1.fa

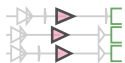
 conserved\_ORFs\_set\_2.fa


.....


Summary statistics for conserved ORFs

 results\_summary.tsv

Visualisation of loci' annotation



 annotation\_visualisation


 conserved\_ORFs\_set\_1.pdf

 conserved\_ORFs\_set\_2.pdf

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MSA visualisation



 nt/aa\_msa\_visualisation

 conserved\_ORFs\_set\_1.pdf

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Sequence logo visualisation



 nt/aa\_seqlogo\_visualisation

 conserved\_ORFs\_set\_1.pdf

 conserved\_ORFs\_set\_2.pdf

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