

Download Genomic
and transcriptomic
data

Identification of
orthologous gene
Families

(BUSCO)

N = 1,507 species

Life history traits

N = 969 species

RNA-seq Alignment
on reference genome
(HISAT2)

Genome



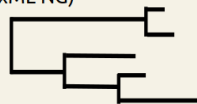
Gene Expression
(FPKM)
(Cufflinks)

N = 491 species
N = 15,935 RNA-seq

Major & Minor
introns

Phylogenetic tree
Reconstruction

(RAxML-NG)



CDS sequence
alignment

(PRANK)



dN/dS computation
(bio++)

N = 1,324 species