

Download Genomic  
and transcriptomic  
data

Identification of  
orthologous gene  
Families  
(BUSCO)

Life history traits

N = 979 species

$N_e$

N = 66 species

N = 1,506 species

RNA-seq Alignment  
on reference genome  
(HISAT2)

Genome

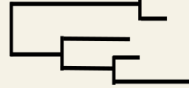


Gene Expression  
(FPKM)  
(Cufflinks)

Major- & Minor-  
isoform introns

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

Phylogenetic tree  
Reconstruction  
(RAxML-NG)



CDS sequence  
alignment  
(PRANK)



dN/dS computation  
(bio++)

N = 1,324 species