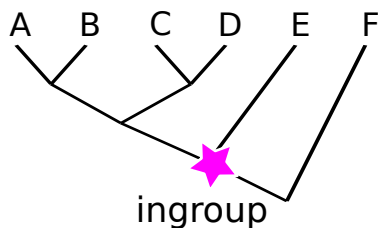
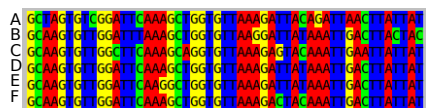


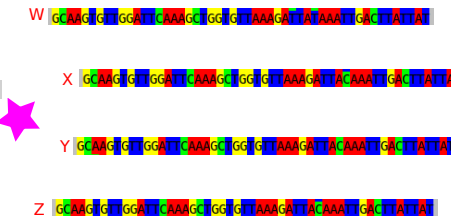
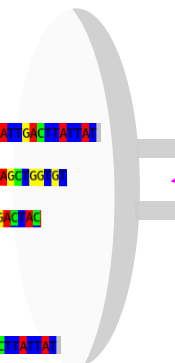
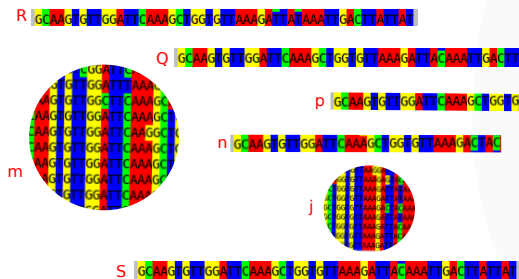
OpenTree starting tree and TreeBASE alignment

BLAST search on GenBank and filtering



*

*** Optional:** Repeat search on added taxa until no new sequences are found.



- ✓ Only taxa within search taxon (ingroup by default)
- ✓ No whole genomes
- ✓ Appropriate sequence length
- ✓ New taxa or ≠ from alignment



Extended multiple sequence alignment

Updated tree with RAxML

