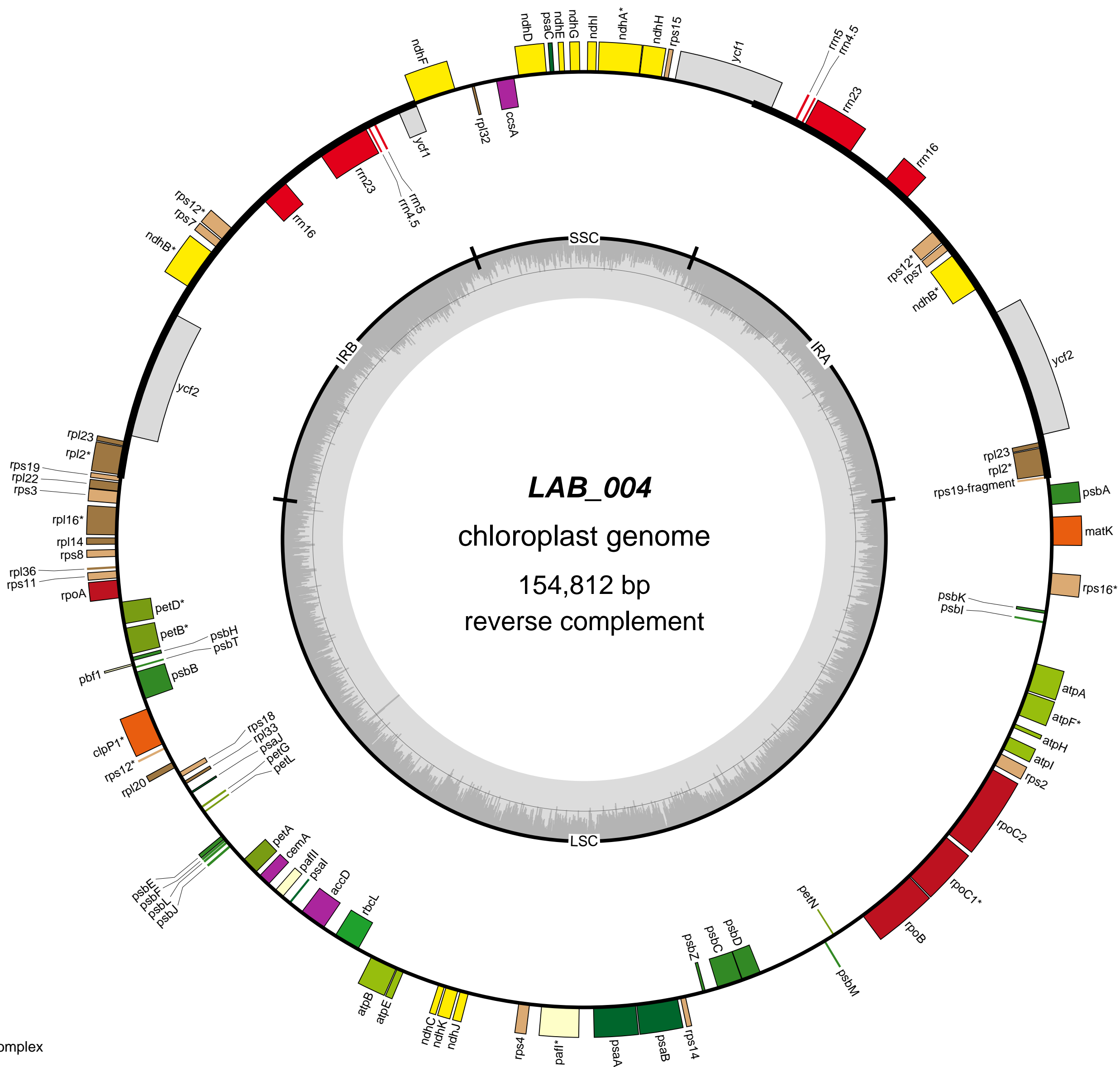


**LAB\_004**  
chloroplast genome  
154,812 bp  
reverse complement



- photosystem I
- photosystem II
- cytochrome b/f complex
- ATP synthase
- NADH dehydrogenase
- RubisCO large subunit
- photosystem assembly/stability factors
- RNA polymerase
- ribosomal proteins (SSU)
- ribosomal proteins (LSU)
- ribosomal RNAs
- clpP, matK
- other genes
- hypothetical chloroplast reading frames (ycf)