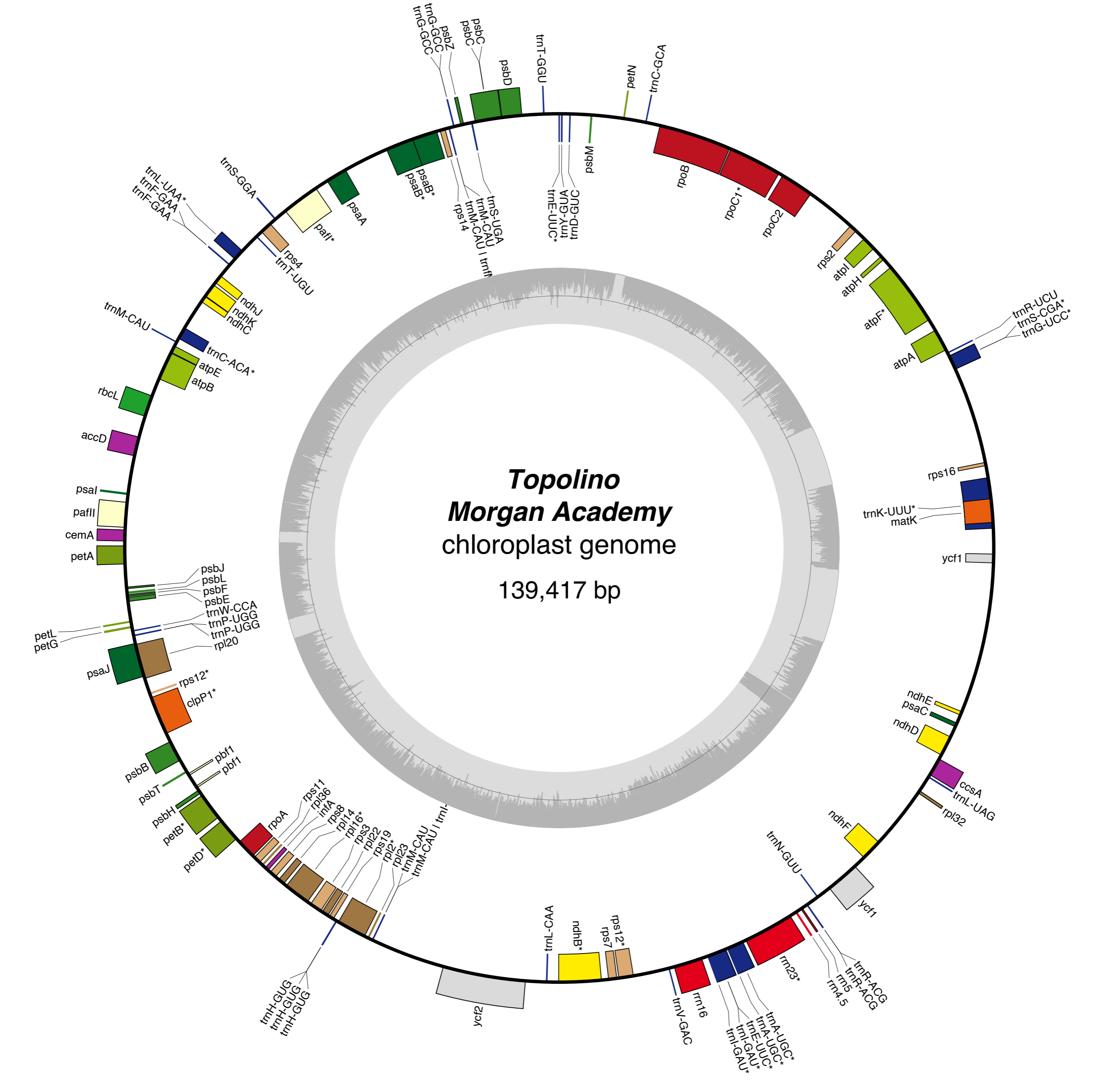


**Topolino  
Morgan Academy  
chloroplast genome**  
139,417 bp



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