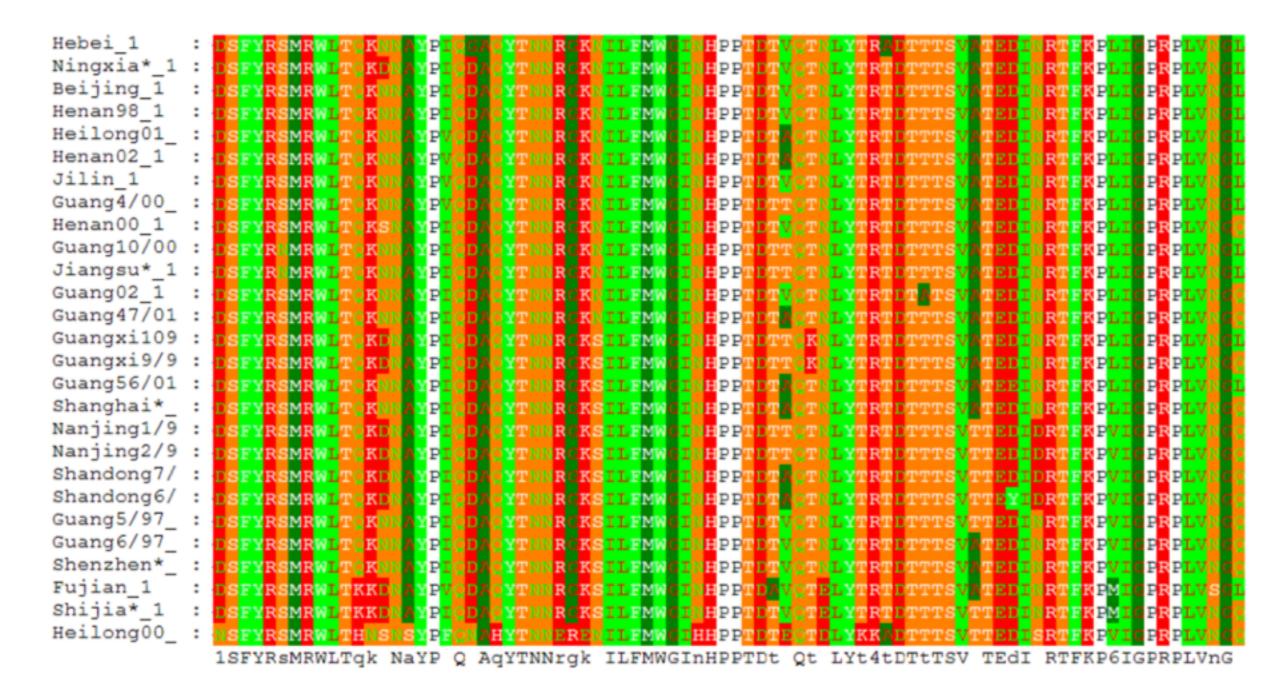
Background

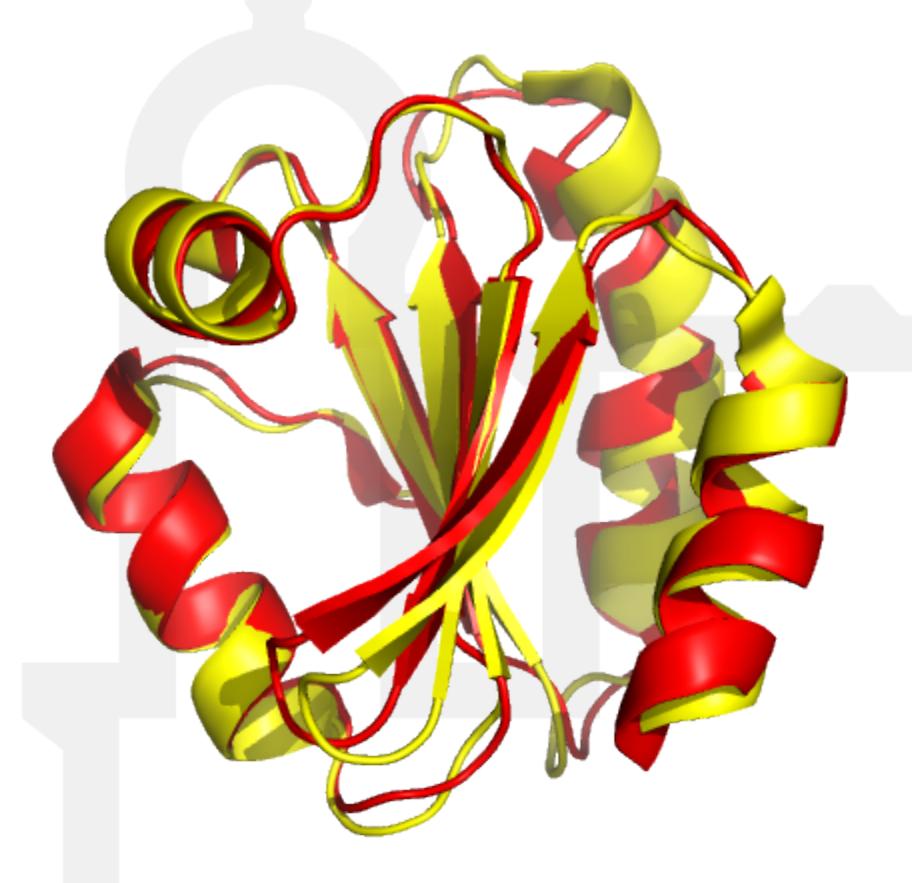


- Alinhamento
- Comparação dos caracteres utilizados como critério.
- Simples x Multiplo
- Local x Global
- Ótimo x Heurístico

Global FTFTALILLAVAV F--TAL-LLA-AV

Local FTFTALILL-AVAV
--FTAL-LLAAV--





Alinhamento simples



• Aquele realizado entre seqüências de DNA ou proteínas, desde que par a par.

```
Score = 652 \text{ bits } (329), \text{ Expect = } 0.0
 Identities = 240/240 (100%)
 Strand = Plus / Plus
  Query: 61 gcgaacttatcagcatttgttgtctttgtggtaaaacgttttcaagtcagagtcttctac 120
 Sbjct: 196 gcgaacttatcagcatttgttgtctttgtggtaaaacgttttcaagtcagagtcttctac 255
 Query: 121 acaaacattttgaattgatgcatgaaggtacggaaatagatactgaacagtatgatctaa 180
 Sbjct: 256 acaaacattttgaattgatgcatgaaggtacggaaatagatactgaacagtatgatctaa 315
 Query: 181 gtggatttgccgctatggggaatgaacaaggtcgtaaaagtaatggtgaagaagatgcaa 240
 Sbjct: 316 gtggatttgccgctatggggaatgaacaaggtcgtaaaagtaatggtgaagaagatgcaa 375
```