

Sequence alignment of 1000 protein sequences from the NCBI database. The alignment is color-coded by amino acid type. Key motifs are highlighted:

- REDD motif** (yellow box): A conserved motif found in many of the sequences.
- Cysteine residue** (red box): A conserved residue found in many of the sequences.
- Bottom of acidic cleft forming amino acids** (blue box): A conserved motif found in many of the sequences.
- Signature motif** (blue box): A conserved motif found in many of the sequences.

Legend:

- Yellow box: REDD motif
- Red box: Cysteine residue
- Blue box: Bottom of acidic cleft forming amino acids
- Blue box: Signature motif