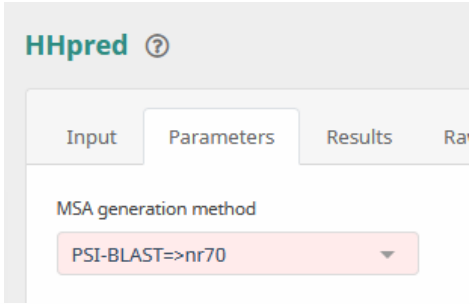
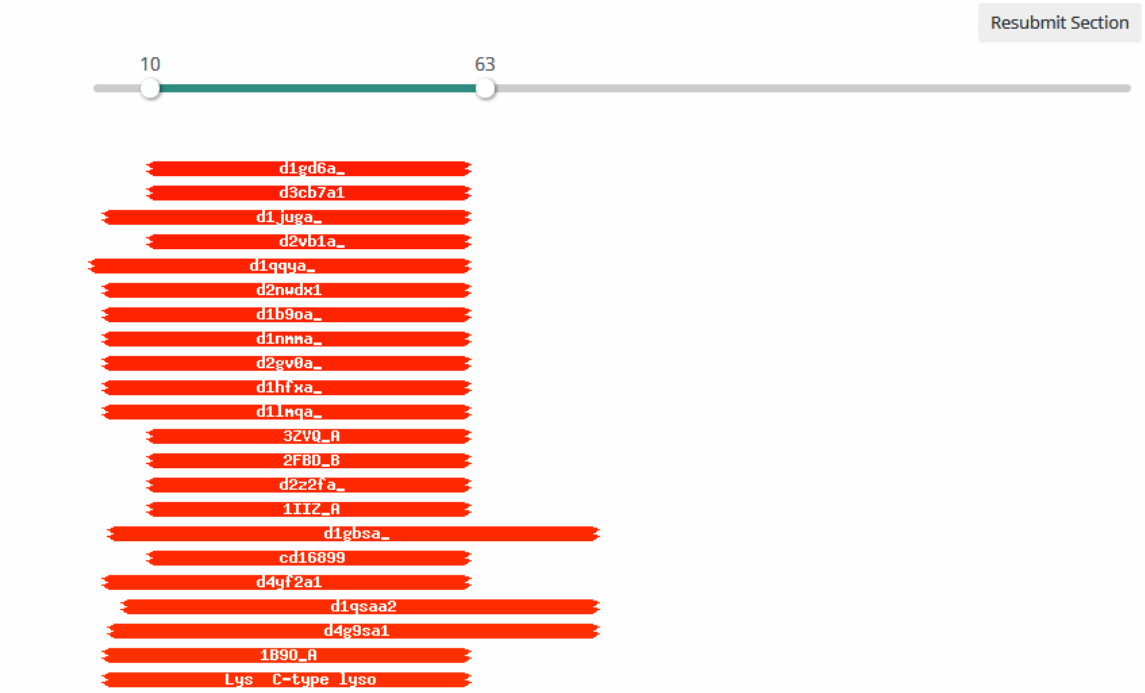
Input sequence: N3 domain, lysin A, phage Coco12



Visualization



Catalytic Glu in lysozymes

Template alignment | Template 3D Structure | PDBe

24. 1JUG_A LYSOZYME; LYSOZYME, CALCIUM-BINDING; 1.9A {Tachyglossus aculeatus} SCOP: d.2.1.2

Probability: 95.67%, E-value: 0.035, Score: 41.18, Aligned cols: 51, Identities: 24%, Similarity: 0.257,

```
Q ss_pred            HHHHHHHHCCCC---HHHHHHHHHHHHHHhCCCCCccC---CCCCcccccccCCCCh
Q first         10   ITIAEAKARGYT---RSECLAVMSTFYQESGWNDTIWD---PTHTTYGIAQQDGSYP   60 (165)
Q Consensus     10   ~I~~~~~~~G~~---~~~~~i~v~ta~~ES~l~~~a~g---~d~~s~GlFQqr~~~~   60 (165)
                     .+.+..++.|++   ...+...+..|..||++++.+++   ++...+||||-...++
T Consensus      7   ela~~L~~~~~~~~~~~~~~~~~ia~~ES~~~~~~~~~~gs~~~GlfQIn~~~~   63 (125)
T 1JUG_A         7   ELCKNLVAQGMNGYQHITLPNWVCTAFHESSYNTRATNHNTDGSTDYGILQINSRYW   63 (125)
T ss_dssp            HHHHHHHHTTCTTBTTBCHHHHHHHHHHHHTTBTTCEEECTTSCEEETTTTEETTTT
T ss_pred            HHHHHHHHCCCCCCCCCCHHHHHHHHHHhCCCCccceeCCCCCceeeEEEecccccc
```

Template alignment | Template 3D Structure | PDBe

26. 3CSQ_D Morphogenesis protein 1; hydrolase, infection, phi29, Late protein; 1.8A {Bacteriophage phi-29}; Relat
3CSQ_A

Probability: 95.66%, E-value: 0.076, Score: 44.18, Aligned cols: 56, Identities: 20%, Similarity: 0.328,

```
Q ss_pred            CcHHHHHHHHHHHHHHCCCCHHHHHHHHHHHHHHhCCCCCccCC-----CCCccccccccC
Q first          2   TTKDQVAQITIAEAKARGYTRSECLAVMSTFYQESGWNDTIWDP-----THTTYGIAQQDG   57 (165)
Q Consensus      2   ~~~~~~A~~I~~~~~~~G~~~~~~~i~v~ta~~ES~l~~~a~g~-----~d~~s~GlFQqr~   57 (165)
                     +.....+..|++..++.|+++..+...+....+||++++.....     .+..+|+||+.+
T Consensus      12   ~~~~~~~~~~~~~~~~~g~~~~~~~a~~~~~~~es~~~~~~~~~~~~~G~~q~~~   72 (334)
T 3CSQ_D         12   SEMKVNAQYILNYLSSNGWTKQAICGMLGNMQSESTINPGLWQNLDEGNTSLGFGLVQWTP   72 (334)
T ss_dssp            HHHHHHHHHHHHHHHHTTCCHHHHHHHHHHHHHHHSSCTTCBGGGCTTCTTSCBTTTTBSS
T ss_pred            HHHhHHHHHHHHHHHhCCCCHHHHHHHHHHHHHHHcCCCCCccccccCCCCCCeEEEEEecC
```

https://toolkit.tuebingen.mpg.de/jobs/4210268_2