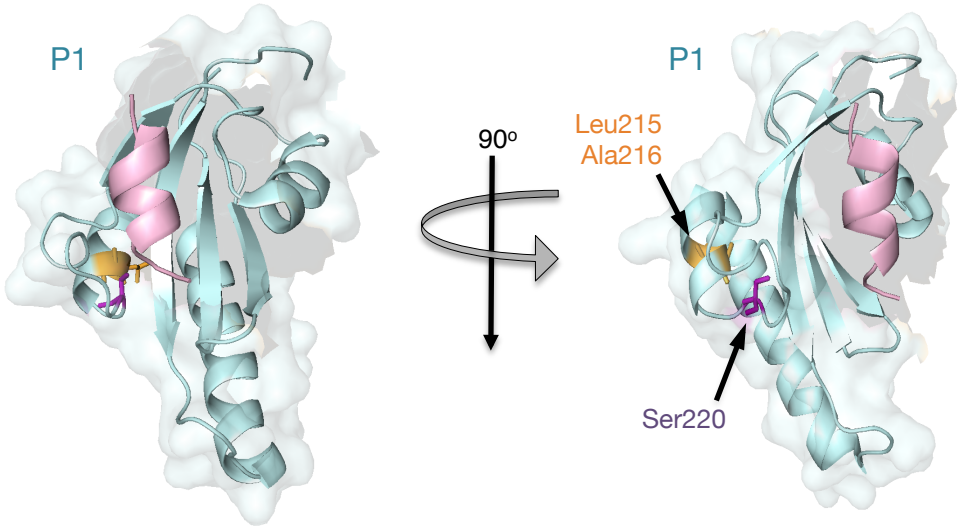
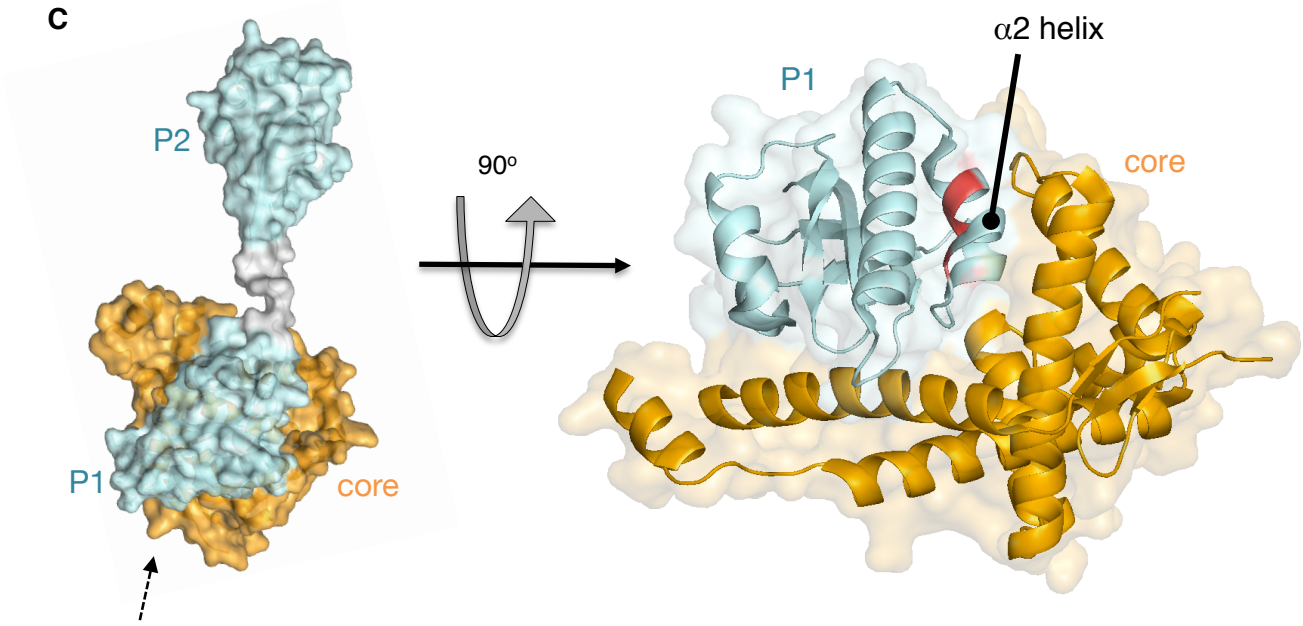
A

surA13
(ΔLA)

```
SurA-P1 (E. coli)      QARNGADFGKLAIAHSADQQAL-NGGQMGWGRI-QELPGIFAQALSTAKKGDIVGPIRSG 293
Pin1 (H. sapiens)      --SGEEDFESLASQFSDCSSAK-ARGDLGAFSR-GQMQKPFEDASFALRTGEMSGPVFTD 153
Ess1 (S. cerevisiae)   DDSKTNSFEALAKERSDCSSYK-RGGDLGWFGR-GEMQPSFEDAAFQLKVGEVSDIVESG 160
PrsA (B. subtilis)     KLKKGEKFEDLAKEYSTDSSAS-KGGDLGWFAKEGQMDETFSKAAFKLKTGEVSDPVKTQ 214
PpiD (W. glossinidia)  KIKNEKDFFEIAKNKSKDIFSSVNNGDIGWIQEDFII-EE-IKIANLKNKNEISKIIKSS 346
```

surA10
(S220A)

B



C