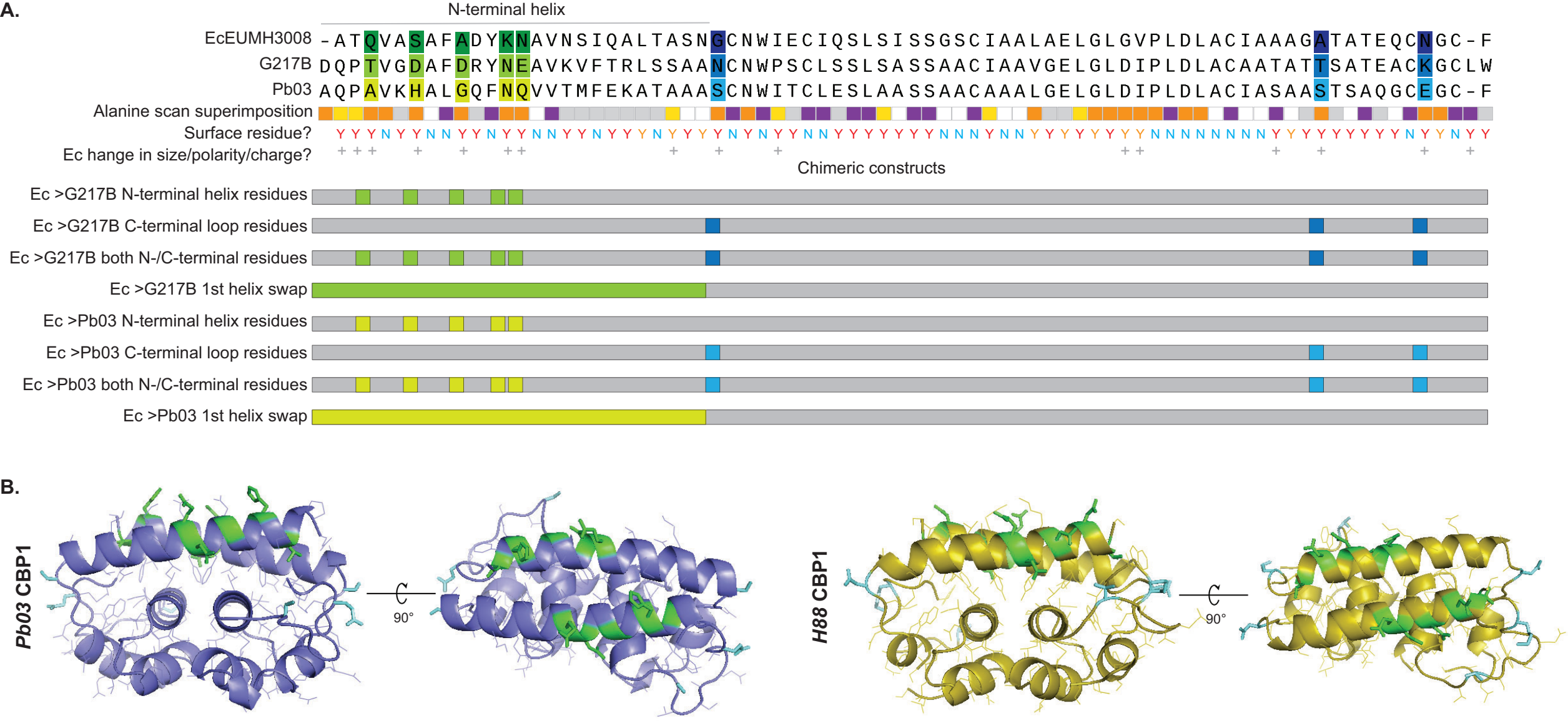
A.
N-terminal helix
EcEUMH3008 -ATQVASAFADYKNAVNSIQALTASNGCNWIECIQSLSISSGSCIAALAELGLGVPLDLACIAAAGATATEQCNGC-F
G217B DQPTVGDAFDRYNEAVKVFTRLSSAANCNWPSCLSSLSASSAACIAAVGELGLDIPLDLACAATATTSATEACKGCLW
Pb03 AQPAVKHALGQFNQVVTMFEKATAAASCNWITCLESLAASSAACAAALGELGLDIPLDLACIASAASTSAQGCEGC-F
Alanine scan superimposition
Surface residue?
Ec hange in size/polarity/charge?
Chimeric constructs
Ec >G217B N-terminal helix residues
Ec >G217B C-terminal loop residues
Ec >G217B both N-/C-terminal residues
Ec >G217B 1st helix swap
Ec >Pb03 N-terminal helix residues
Ec >Pb03 C-terminal loop residues
Ec >Pb03 both N-/C-terminal residues
Ec >Pb03 1st helix swap
B.
Pb03 CBP1
90°
H88 CBP1
90°