

Output Messages

Single TM helix:
Lowest energy helix-coil partition
Helix: 1 - 21, Stability: -23.3 (-16.7) kcal/mol
Helix 1: 1- 21 LLLYALLFTLVALLLSLLILI
TM segments: 1(2- 20)
transfer energy = -23.8 kcal/mol; thickness/depth = 31.2+- 3.0 tilt = 34.+ - 3.
Aa seq. for dimer: LLLYALLFTLVALLLSLLILI
TM segment for dimer: 1 21

Model # 1 DGasc= -2.3 kcal/mol, DGstb= -23.0 kcal/mol, Easc= -20.8 kcal/mol, Rasym=0.9 Å
Interhelix distance = 9.5 Å, Angle = 11.
Key helix-helix interface residues () :
LLLYALLF(T)LVALLL(S)LLILI

GLMOL Visualization

Model 1						
LLLYALLFTLVALLLSLLILI						
.....T.....S.....						
Model	ΔG_{asc}	ΔG_{stb}	E_{asc}	R_{asym}	Distance	Angle
	kcal/mol	kcal/mol	kcal/mol	Å	Å	Degrees
1	-2.3	-23.0	-20.8	0.9	9.5	11.0

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