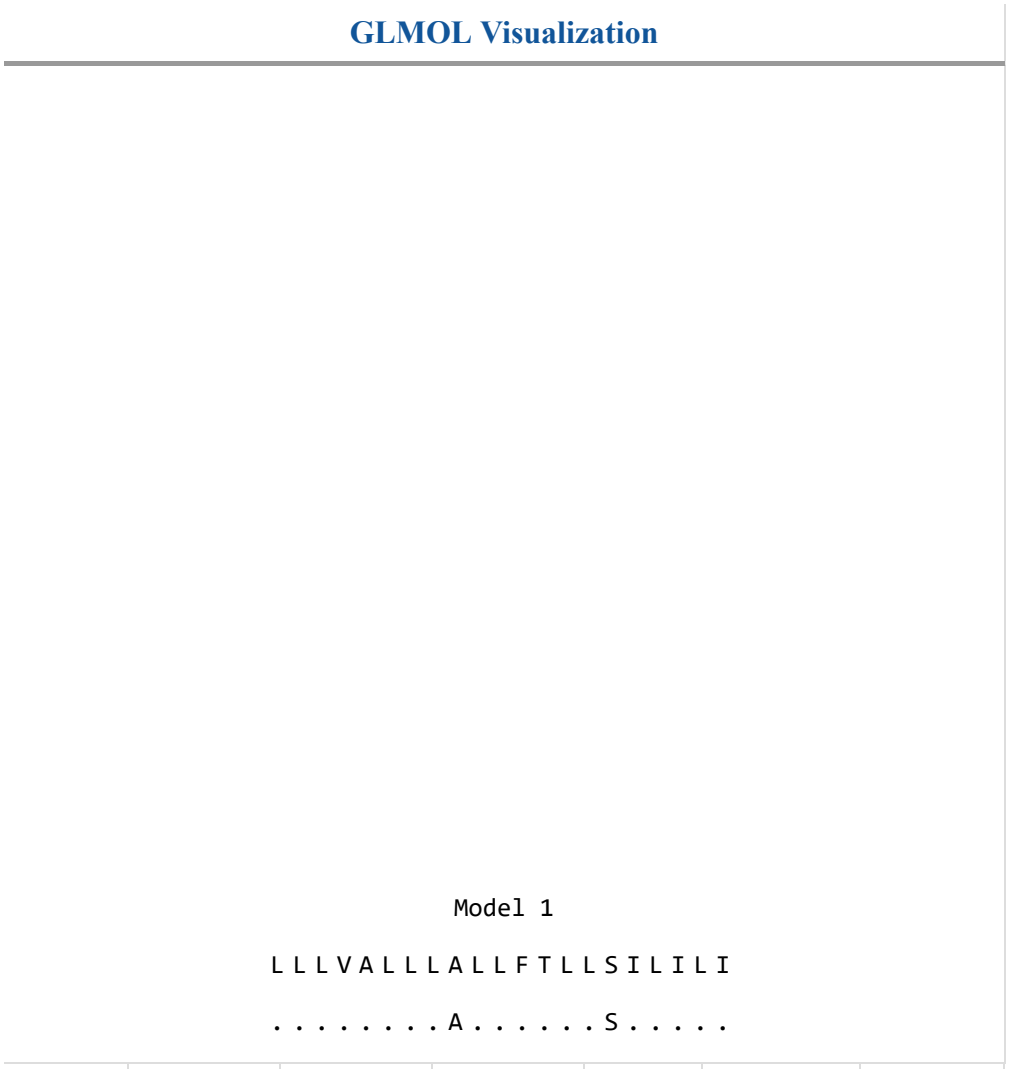
Output Messages

Single TM helix:
Lowest energy helix-coil partition
Helix: 1 - 21, Stability: -24.7 (-17.9) kcal/mol
Helix 1: 1- 21 LLLVALLLALLFTLLSILILI
TM segments: 1(2- 20)
transfer energy = -27.3 kcal/mol; thickness/depth = 31.6+- 3.6 tilt = 35.+- 8.
Aa seq. for dimer: LLLVALLLALLFTLLSILILI
TM segment for dimer: 1 21

Model # 1 DGasc= -4.2 kcal/mol, DGstb= -19.7 kcal/mol, Easc= -25.5 kcal/mol, Rasym=0.1 A
Interhelix distance = 8.1 A, Angle = 11.
Key helix-helix interface residues ( ) :
LLLVALLL(A)LLFTLL(S)ILILI

GLMOL Visualization



Model	ΔG_{asc}	ΔG_{stb}	E_{asc}	R_{asym}	Distance	Angle
	kcal/mol	kcal/mol	kcal/mol	Å	Å	Degrees
1	-4.2	-19.7	-25.5	0.1	8.1	11.0

Download Output File

pdb file

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