

HHpred:

7

57

Fin

Anti-sigma-

5MSL_A

Nr	Hit	Name	Probability	E-value	Score	SS	Aligned cols	Target Length
1	PF10955.13	; Fin ; Anti-sigma-F factor Fin	96.87	0.0029	36	3.2	51	76
2	5MSL_A	Anti-sigma-F factor Fin; Zinc finger,	96.49	0.0069	34.39	3.1	51	75

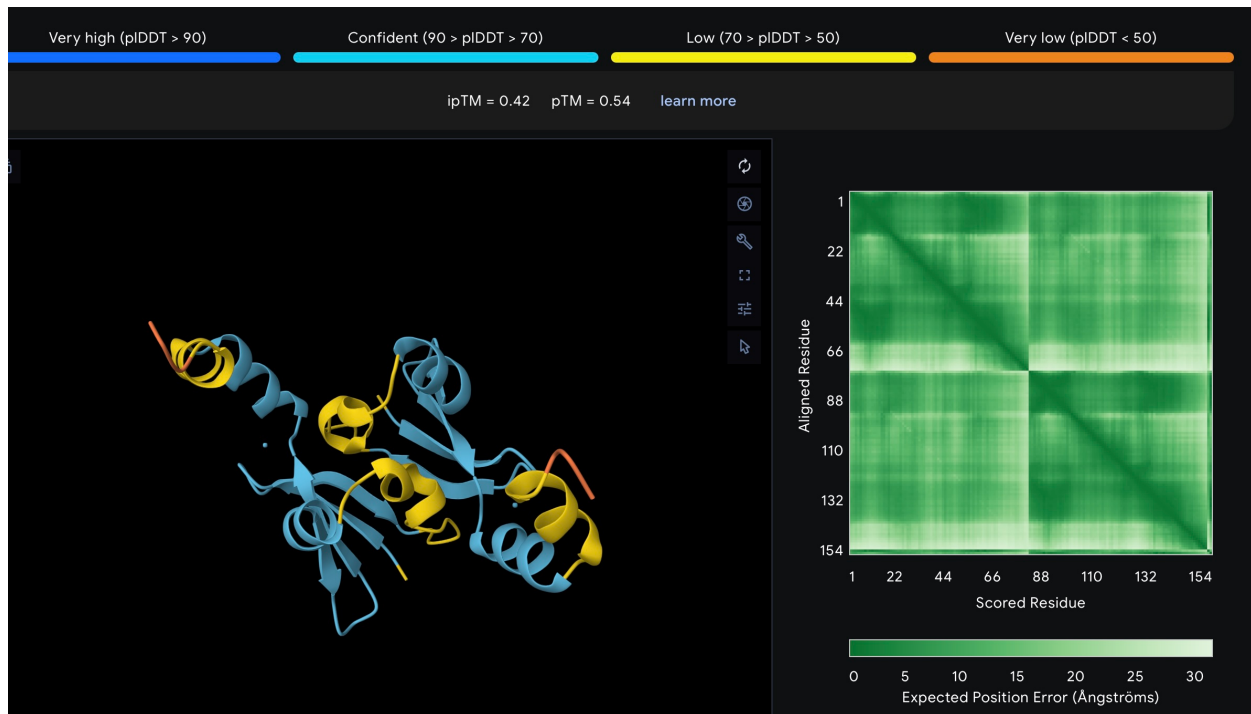
MSA:

48 sequences

Q Q

1101

ANTI-SIGMA-BACILLUS	--QSMALHY	C	H	S	V	K	V	G	S	L	E	--SSMVSTDSLGFQHLTN	E	R	N	D	M	I	--SYKEN	-	G	D	V	H	V	L	T	I	--	D	E	D	E	A	L	D	R	N	P	H	Y	E	H	Y	H	T	-----																
LADYJASLEY_DRAFT_53	MAKKQVLVS	C	H	S	K	E	V	-	T	T	D	----	F	K	P	V	P	N	R	G	E	F	E	L	P	D	K	I	H	L	R	----	A	D	T	R	T	-	K	N	L	L	A	R	D	L	-----																
ELVER_DRAFT_201	MATQVIRY	C	H	S	T	S	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
GANDIONCO_DRAFT_203	MATQVIRY	C	H	S	T	S	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
PAELLA_205	MATQVIRY	C	H	S	T	S	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
QUI_205	MATQVIRY	C	H	S	T	S	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
PHROGLETS_DRAFT_45	MVKKKINVLE	C	H	S	R	E	D	-	E	P	N	----	S	K	G	K	Y	P	E	G	N	L	E	I	N	I	K	A	L	T	Y	D	R	R	G	V	P	Q	R	F	D	A	M	C	P	E	C	I	-----														
ELVER_DRAFT_191	MARLAVVMY	C	H	S	K	E	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
PAELLA_195	MARLAVVMY	C	H	S	K	E	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
QUI_195	MARLAVVMY	C	H	S	K	E	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
GANDIONCO_DRAFT_194	MAKMSVVMY	C	H	S	K	E	V	-	E	P	E	----	T	G	L	S	G	T	P	R	K	V	A	L	P	K	D	W	G	E	V	----	M	G	T	D	K	-	R	K	T	I	D	I	Q	I	-----																
CATERPILLAR_55	MATREVISF	C	H	S	E	E	S	-	D	L	K	----	D	G	Q	I	L	P	T	G	M	T	D	I	L	----	F	T	Q	N	G	-	Q	P	N	E	P	V	Q	A	----	C	A	L	C	D	A	V	A	K	A	L	E	R	R	G	D	I	A	S	S	-----	
MEDIUMFRY_56	MATREVISF	C	H	S	E	E	S	-	D	L	K	----	D	G	Q	I	L	P	T	G	M	T	D	I	L	----	F	T	Q	N	G	-	Q	P	N	E	P	V	Q	A	----	C	A	L	C	D	A	V	A	K	A	L	E	R	R	G	D	I	A	S	S	-----	
ZIPPEN_DRAFT_60	MAQREVI	C	H	S	E	E	S	-	D	L	K	----	D	G	Q	I	L	P	T	G	M	T	D	I	L	----	F	T	Q	N	G	-	Q	P	N	E	P	V	Q	A	----	C	A	L	C	D	A	V	A	K	A	L	E	R	R	G	D	I	A	S	S	-----	
ADAT_46	MATRTTII	I	W	C	N	G	N	E	E	A	L	P	M	N	----	K	E	E	D	M	Q	H	G	I	W	H	Y	P	E	N	I	A	Q	V	D	----	M	S	V	R	D	-	G	M	V	S	D	M	L	L	-----												
BRAD_46	MATRTTII	I	W	C	N	G	N	E	E	A	L	P	M	N	----	K	E	E	D	M	Q	H	G	I	W	H	Y	P	E	N	I	A	Q	V	D	----	M	S	V	R	D	-	G	M	V	S	D	M	L	L	-----												
GURGLEFERB_46	MATRTTII	I	W	C	N	G	N	E	E	A	L	P	M	N	----	K	E	E	D	M	Q	H	G	I	W	H	Y	P	E	N	I	A	Q	V	D	----	M	S	V	R	D	-	G	M	V	S	D	M	L	L	-----												
NELLIE_46	MATRTTII	I	W	C	N	G	N	E	E	A	L	P	M	N	----	K	E	E	D	M	Q	H	G	I	W	H	Y	P	E	N	I	A	Q	V	D	----	M	S	V	R	D	-	G	M	V	S	D	M	L	L	-----												
JASMINE_48	MATRTTII	I	W	C	N	G	N	E	E	A	L	P	M	N	----	K	E	E	D	M	Q	H	G	I	W	H	Y	P	E	N	I	A	Q	V	D	----	M	S	V	R	D	-	G	M	V	S	D	M	L	L	-----												
JAZZY4900_DRAFT_60	MVKKTMITY	C	H	S	D	S	A	V	P	E	E	----	M	S	K	R	N	P	I	P	E	N	I	V	E	L	S	----	I	G	S	N	H	-	G	M	V	A	E	L	L	----	C	P	E	C	I	A	V	M	K	K	A	L	L	R	R	N	K	N	K	-----	
SUNNY4976_DRAFT_59	MVKKTMITY	C	H	S	D	S	A	V	P	E	E	----	M	S	K	R	N	P	I	P	E	N	I	V	E	L	S	----	I	G	S	N	H	-	G	M	V	A	E	L	L	----	C	P	E	C	I	A	V	M	K	K	A	L	L	R	R	N	K	N	K	-----	
ARZAN_DRAFT_61	MVKKTMITY	C	H	S	D	S	A	V	P	E	E	----	M	S	K	R	N	P	I	P	E	N	I	V	E	L	S	----	I	G	S	N	H	-	G	M	V	A	E	L	L	----	C	P	E	C	I	A	V	M	K	K	A	L	L	R	R	N	K	N	K	-----	
GIANTSANE_60	-MKKEVVHF	C	H	S	D	S	-	P	E	E	----	D	V	A	G	H	P	R	R	N	T	L	P	E	D	I	A	H	I	V	----	A	N	T	N	H	-	K	P	L	F	D	L	D	----	C	T	C	I	E	T	M	R	K	A	L	L	R	R	Q	K	K	-----
BOUCHARD_DRAFT_59	-MKKEVVHF	C	H	S	D	S	-	P	E	E	----	D	V	A	G	H	P	R	R	N	T	L	P	E	D	I	A	H	I	V	----	A	N	T	N	H	-	K	P	L	F	D	L	D	----	C	T	C	I	E	T	M	R	K	A	L	L	R	R	Q	K	K	-----
LILHUDDY_59	-MKKEVVHF	C	H	S	D	S	-	P	E	E	----	D	V	A	G	H	P	R	R	N	T	L	P	E	D	I	A	H	I	V	----	A	N	T	N	H	-	K	P	L	F	D	L	D	----	C	T	C	I	E	T	M	R	K	A	L	L	R	R	Q	K	K	-----
POWELLOG_DRAFT_64	-MKKQVVIY	C	H	S	T	T	-	Q	V	E	----	F	D	K	R	P	A	G	I	G	Y	I	I	----	L	E	V	L	D	-	R	V	T	K	N	D	I	----	C	T	C	I	K	S	V	G	N	V	L	G	E	R	N	K	P	-----							
SPORTO_59	-MKKEVVVF	C	H	S	D	R	V	-	E	V	E	----	K	M	E	L	P	E	G	I	G	D	I	I	----	M	Q	V	N	-	G	H	T	H	T	L	D	----	C	T	C	I	K	G	V	G	N	A	L	G	E	R	N	K	P	-----							
NATASHA_DRAFT_59	-MKKEVIAF	C	H	S	D	T	K	-	T	V	D	----	K	S	E	G	K	D	L	P	E	G	I	G	D	I	I	----	M	Q	I	N	G	-	H	P	A	H	T	L	D	----	C	T	C	I	A	V	G	N	A	L	G	E	R	N	K	A	-----				
RUSTYBOY_DRAFT_59	-MKKEVIAF	C	H	S	D	T	K	-	T	V	D	----	K	S	E	G	K	D	L	P	E	G	I	G	D	I	I	----	M	Q	I	N	G	-	H	P	A	H	T	L	D	----	C	T	C	I	A	V	G	N	A	L	G	E	R	N	K	A	-----				



2X Fin, 2X Zn:
Zn binding in Fin:

2X Zippen_60, 2X Zn:
Zn binding in Zippen

