

The figure is a horizontal bar chart illustrating the distribution of sequence lengths across different datasets. The x-axis represents the sequence length, ranging from 0 to 13. The y-axis lists the datasets: lupas_21, lupas_14, lupas_28, jnet, conf, sol25, sol5, sol0, jhmm, and jpssm. Each dataset is represented by a red bar. Yellow arrows highlight specific peaks in the distributions:

- lupas_21**: Peak at length 2.
- lupas_14**: Peak at length 2.
- lupas_28**: Peak at length 2.
- jnet**: Peak at length 2.
- conf**: Peak at length 2.
- sol25**: Peak at length 2.
- sol5**: Peak at length 2.
- sol0**: Peak at length 2.
- jhmm**: Peaks at lengths 2 and 4.
- jpssm**: Peaks at lengths 2 and 4.

QUERY	S	F	K	I	Y	A	E	K	I	I	M	T	E	V	A	P	L	F	N	E	C	A	M	P	T	P	Q	Q	F	Q	L	I	L	E	N	I	A	N	K	Y	130	140	150	160
UniRef90_H7E9H1	S	F	K	A	Y	A	E	K	I	I	M	T	E	V	A	P	L	F	N	E	C	A	M	P	T	P	Q	Q	F	Q	L	I	L	E	N	I	A	N	K	Y				
UniRef90_F8VGD4	S	F	K	A	Y	A	E	K	I	I	M	K	E	V	T	P	L	F	N	R	S	M	P	T	P	Q	E	F	Q	L	T	V	E	N	I	A	S	K	Y					
UniRef90_UP100046CF809	S	F	K	A	Y	A	E	K	I	I	M	E	E	V	T	P	L	F	K	E	Q	N	L	P	T	P	Q	Q	F	H	L	T	L	E	N	I	A	S	K	Y				
UniRef90_X2LK35	F	F	K	Q	Y	A	E	K	K	I	S	C	E	V	G	K	I	C	K	D	N	G	F	I	S	P	V	E	F	G	V	M	L	D	K	I	A	S	R	Y				
UniRef90_B0G0X4	S	F	K	A	Y	A	E	K	I	V	M	K	E	V	T	P	L	F	N	K	G	T	M	P	T	P	Q	Q	F	Q	L	T	I	E	N	I	A	N	K	Y				
UniRef90_Q7P1B7	S	L	F	R	D	F	A	R	Q	I	S	M	E	L	V	A	P	H	A	A	E	R	G	W	E	P	P	A	A	F	A	A	R	L	E	A	V	G	R	P	W			
UniRef90_A3MCH6	E	L	I	Q	P	Y	A	R	Q	Q	A	I	D	L	V	A	P	A	E	R	S	N	T	L	V	E	F	R	Q	T	V	Q	T	L	E	A	T	Y	R	R	A			
UniRef90_X3EU12	S	F	K	A	Y	A	E	K	I	V	M	K	E	V	T	P	L	F	N	K	G	T	M	P	T	P	Q	Q	F	Q	L	T	I	E	N	I	A	N	K	Y				
UniRef90_UP100016A5B8F	E	L	I	Q	S	Y	A	R	Q	Q	A	I	D	L	V	A	N	A	L	P	A	G	H	S	G	T	L	A	R	F	R	Q	T	V	Q	T	L	D	A	T	Y	R	R	A
UniRef90_X2N752	S	F	N	I	Y	A	E	K	I	I	M	T	E	V	V	P	L	F	N	E	C	A	M	P	T	P	Q	Q	F	Q	Q	L	I	E	N	I	A	N	K	Y				

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm

QUERY
UniRef90_H7E9H1
UniRef90_F8VGD4
UniRef90UPI00046CF809
UniRef90_X2LK35
UniRef90_B0G0X4
UniRef90_Q7P1B7
UniRef90_A3MCH6
UniRef90_X3EU12
UniRef90UPI00016A5B8F
UniRef90_X2N752

I	Q	N	T	P
L	Q	D		
I	Q	N	T	
L	Q	N		
I	Q	N		

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
inssm