

MAFFT Multiple Sequence Alignment of Retrieved from Uniprot

File Edit Select View Format Colour Calculate Web Service

Original Spinach Ferredoxin Structure FE2S2 Representatives MAFFT Alignment

	70	80	90	100	110																																							
Q7XA98_TRIPR/1-152	P	E	G	P	O	E	F	I	C	P	D	D	V	Y	I	L	D	H	A	E	E	V	G	I	E	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	N
FER1_MESCR/1-148	P	E	C	K	O	E	L	E	C	P	D	D	V	Y	I	L	D	A	A	E	E	A	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	T	S
FER1_SPIOL/1-147	P	T	G	N	V	E	F	Q	C	P	D	D	V	Y	I	L	D	A	A	E	E	E	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	L	K	T
FER3_RAPSA/1-96	P	E	G	E	Q	E	V	E	C	D	D	D	V	Y	V	L	D	A	A	E	E	A	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S
FER1_ARATH/1-148	P	E	G	E	L	E	V	E	C	D	D	D	V	Y	V	L	D	A	A	E	E	A	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S
FER_BRANA/1-96	P	E	G	E	Q	E	V	E	C	D	D	D	V	Y	V	L	D	A	A	E	E	A	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S
FER2_ARATH/1-148	P	E	G	E	Q	E	V	E	C	E	E	D	V	Y	V	L	D	A	A	E	E	A	G	L	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S
Q93Z60_ARATH/1-118	P	E	G	E	Q	E	V	E	C	E	E	D	V	Y	V	L	D	A	A	E	E	A	G	L	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S
FER1_MAIZE/1-150	P	E	G	E	V	E	L	Q	V	P	D	D	V	Y	I	L	D	Q	A	E	E	D	G	I	D	L	P	Y	S	C	R	A	G	S	C	S	S	C	A	G	K	V	V	S

Secondary Structure 2 3 Fe Fe Fe 4

Iron Sulphur Contacts Fe Fe Fe

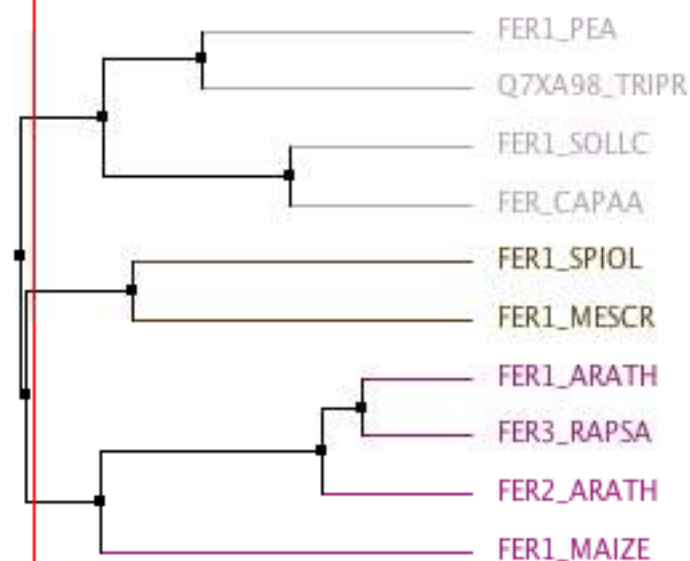


Consensus P E G E Q E F E C P D D V Y I L D A A E E A G I D L P Y S C R A G S C S S C A

Sequence position 74 E 100%

Average distance tree using BLO...

File View



FER1_SPIOL:1A70

File View Colours Help

