

<i>MjaTFIIB</i>	SVDYNEPIIIKENGEIKVVKIGELIDKIIIE-NSENIRREGILE---IAKCKGIEVIAFNS
<i>MvuTFIIB</i>	SVDYSEPIIIKEKGEIKVVKIGELIDEIIEK-NSKNVRKDGILE---IARCKDVEVIAFDS
2cw7	SILPEEWLPVLEEVEHFVFRIGELIDRMEENAGVKREGETE---VLEVSGLEVSPFNR
1dq3	CIDGKAKIIFENEGEEHLLTMEEMYERYKH-L-GEFYDEEYNRWGIDVSNVPIYVKSFD
<i>MjaTFIIB</i>	NY-KFKFMPVSEVSRHPVS---EMFEIVVEGNKKVVRVTRSHSVFTI-RDNEVVPVIRVDEL
<i>MvuTFIIB</i>	NY-KFKFMPVSEVSRHPVS---EMFEIVVEGNKKVVRVTRSHSVFTV-KDNEVVPVIRVDDL
2cw7	RTNKAEELKRVKALIRHDYSG--KVYTIIRLKSGRRIKITSGHSLFSV-RNGELVEVTGDEL
1dq3	ESKRUVKGVNVIWKYELGKDVTKYEIITNKGTKILTSPWHPPFVLTPDFKIVEKRADEL
<i>MjaTFIIB</i>	KVGDILVLAKELPNIEEDIE--ID-----KFF---SKILGY
<i>MvuTFIIB</i>	RVGDILVLAKELPNIEEENA--ID-----KFF---AKILAY
2cw7	KPGDLVAVPRRLELPERNHVNLVLELLGTPEETLDIVMTIPVKGKKNFFKGLRTRLRW
1dq3	KEGDILIGG--MPDGEDY-K--FI-----F-D---YWLAGF
<i>MjaTFIIB</i>	I IAE-----GYG-----DDKKI-----
<i>MvuTFIIB</i>	IVSE-----GYG-----NEEKL-----
2cw7	IFGEEKRPRRTARRYLRLHLEDLGYVRLKIGYEVLDWDSLKNYRRLYEALVE-----
1dq3	IAGD-----CCF-----DKYHSHVKGHEYIY
<i>MjaTFIIB</i>	-VLSYDYNE-----KEFIN---ET
<i>MvuTFIIB</i>	-IFSFNCNK-----REVID---EV
2cw7	-NVRYNKREYLVEFNSIRDVAVGIMPLKELKEWKIGTLNGFRMRKLIEVDESLE---KL
1dq3	DRLRIYDYR-----IETFEIINDY
<i>MjaTFIIB</i>	IDYFKSLN-----SDITIYSKDLNIQIEVKN-----KK
<i>MvuTFIIB</i>	ISYFKSLK-----SEISIYNKNSDIQIEVKD-----KE
2cw7	LGYYVSEGYARKQRNPKNWSYSVKLYNEDPEVLDDMERLASRFFGKVRGRNYVEIPKK
1dq3	LEKTFGRK-----Y--SIQKDRNIYYIDIKA-----RN
<i>MjaTFIIB</i>	-I IIN-LLKKL-R--VKNKRIPSIIFKSPYIEIKKSFIDGIFNGKD-----A-----KV---
<i>MvuTFIIB</i>	-I IIN-ILKKL-G--IENKRVPISIFKSPYGIKKSFDGLFNGKD-----T-----KI---
2cw7	IGYL-LFENMCGVLAENKRIPEFVFTSPKGVRLAFLEGYFIDGDVHPNK-----RLRLS
1dq3	-ITSHYLKLL-E--GIDNGIPPQILKEGKNAVLSFIAGLFDAEG-----HVSNKPGIELG
<i>MjaTFIIB</i>	FVSKELAEDVIFLLLQIKENATINKKSINDIEVYEVVRI-----T--N-----
<i>MvuTFIIB</i>	FTSKELAEDAIFLLLQIKENAILNKKI IKGISVYEVKRI-----P--N
2cw7	TKSELLANQLVLLLN SVGVS AV--KLGHDSGVYRVYINEELPFVKLDKCK--N-----
1dq3	MVNKRLIEDVTHYLNALGIKARIREKLRKDGIDYVLHVE-----EYSSLLRFYE
<i>MjaTFIIB</i>	-----IY-----
<i>MvuTFIIB</i>	-----IY-----
2cw7	-----AYYSHVIPKEVLSEVFGKVFQKNVSPQTFRKMVED
1dq3	LIGKNLQNEEKREKLEKVLNSHHKGNFGLPLNFNAFKEWASEYGVFPTNGSQTIAIIND
<i>MjaTFIIB</i>	-----TNRKLEKLINSDFIFLKIKEINKVEPT
<i>MvuTFIIB</i>	-----NNRKLEKLINSDFIFLKIKKINKVEPT
2cw7	GRLDPE-----KAQRLSWLIEGDVVLDRVESVD-VEDY
1dq3	ERISLGQWHTRNRVSKAVLVKMLRKL YEATKDEEVKRLHLIEG---LEVVRHIT-TTNE
<i>MjaTFIIB</i>	SGYAYDLTVPNAENFVAG-FGGFVLHN/T
<i>MvuTFIIB</i>	NGYAYDLTVPNAENFIAG-FGGFVLHN/T
2cw7	DGYVYDLSVEDNENFLVG-FGLVYAHN/
1dq3	PRTFYDLTVENYQNYLAGENGMIFVHN/

Supplementary Fig. 1: A sequence alignment used for modelling