

S23 Fig.

a. Paf1

1 MSKKQEYIAP IKYQNSLPVP QLPPKLLVYP ESPETNADSS QLINSLYIKT NVTNLIQQDE
 61 DLGMPVDLMK FPGLLNKLDL KLYGFDNVK LDKDDRILLR DPRIDRLTKT DISKVTFLLRR
 121 TEYVSNNTIAA HDNTSLKRRR RLDDGDSDEE NLDVNHIIISR VEGTFNKTDK WQHPVKKGVK
 181 MVKKWDLLED TASMDQVYFI LKFMGASLD TKEKKSINTG IFRPVELEED EWISMYATDH
 241 KDSAILENEL EKGDMEMDDD SHEGKIYKFK RIRDYDMKQV AEKPMTELAI RLNDKDGIAIY
 301 YKPLRSKIEL RRRRVNDI IK PLVKEHDIDQ LNVTLRNPST KEANIRDKLR MKFDPINFAT
 361 VDEEDEDDEE QPEDVKKKESE GDSKTEGSEQ EGENEKDEEI KQEKENEQDE ENKQDENRAA
 421 DTPETSDAVH TEQKPEEKEE TLQEE*

b.

Predicted monopartite NLS
 Pos 134 TSLKRRRLD Score 7
 Pos 136 LKRRRLDDG Score 9

Predicted bipartite NLS
 None

c. Ctr9

1 MTNAMKVEGY PSMWPTSLD IPLKASEELV GIDLETDLDP DPTDLKTLV EENSEKEHWL
 61 TIALAYCNHG KTNKIKLIE MALDVFQNSE RASLHTFLTW AHLNLAKGQS LSVETKEHEL
 121 TQAEELNLKDA IGFDPWTWGN MLATVELYYQ RGHYDKALET SDFVKSIIHA EDHRSGRQSK
 181 PNCLFLLRA KLYYQKKNYM ASLKIFQELL VINPVLQDPD RIGIGLCFWQ LKDSKMAIKS
 241 WQALQLNPK NTSASILVLL GEFRESFTNS TNDKTFKEAF TKALSDLNNI FSENQHNPLV
 301 LTLTQTYYYF KGDYQTVLDI YHHRILKMSPI AKIIVLSES SFWCGRAHYA LGDYRKSFI
 361 FQESLKKKED NLLAKLGLGQ TQIKNNLLEE SIITFENLYK TNESLQELNY ILGMLYAGKA
 421 FDAKTAKNTS AKEQSNLNEK ALKYLERYLK LTLATKNQLV ISRAYLVISQ LYELQNYKYT
 481 SLDYLSKALE EMEFIKKEIP LEVLNLLACY HFINGDFIKA DDLFKQAKAK VSDKDESUNI
 541 TLEYNIARTN EKNDCEKSES IYSQVTSLHP AYIAARIRNL YLKAQSKIE DSDMSTEMNK
 601 LLDLNNKSDLE IRSFYGYWYK NSKERKNEK STHNKETLV KYNSHDAYAL ISLANLYVTI
 661 ARDGKKS RNP KEQEKSKHSY LKAIQLYQKV LQVDPFNIFA AQGLAIFAE SKRGLPALEI
 721 LRKVRDSLND EDVQLNLAHC YLEMREYGA IENYELVLLK FDNEKTRPHI LNLGRAWYA
 781 RAIKERSVNF YQKALENAKT ALDLFKVKESS KSKFIHVKF NIALLHFQIA ETLRRSNPKF
 841 RTVQQIKDSL EGLKEGLELF RELNDLKEFN MIPKEELEQR IQLGETTMS ALERSLNEQE
 901 EFEKEQSAKI DEARKILEEN ELKEQGWKQ EEEARLKLK QQAEEYRKLQ DEAQKLIQER
 961 EAMAISEHNV KDDSDLSDKD NEYDEKPRQ KRKRSTKTKN SGESKRRKAA KKTLSDSDSD
 1021 DDDVVKKPSH NKGKKSQLSN EFIEDSDEE AQMSGSEQNK NDDNDENNDN DDNDGLF*

d.

Predicted monopartite NLS
 Pos 988 PRQKRKRSTK Score 13
 Pos 1002 GESKRRKAA Score 5

Predicted bipartite NLS
 Pos 986 EKPRQKRKRSTKTKNSGESKR-
 RKARQKRKRSTKTKNSGESKRRKA Score 12.1

e. Rtf1

1 MSDDLDELLA LAGADESEEE DQVLTTSAK RAKNNDQSLS KKRRIEVGSV EDDDEEDDYN
 61 PYSVGNADYG SEEEEEEANPF PLEGGYKDES DREHLESLE MERETLLFER SQIMQKYQER
 121 KLFRRARGRDM KEQQORAKND EDRKTRAST RSTHATGHSD IKASKLSQLK QQRARKNRHY
 181 SDNEDEDDEE DYREEDYKDD EGSEYGDDEE YNPFDRRDTY DKREEVEWAE EDEQDREPE
 241 ISDFNKLRIE RSFVAKFCFY PGFEDAVKGC YGRVNVGTDK RTGKTSYRMV RIERVFLQKP
 301 YNMGKFYTNQ YFGVTQKDR KVFQMNYSFD GLFAEDEYQR YLRALDNSQM IKPSLHLSLN
 361 KTKVEMDFVN TPLTDTKTDE VVRHRMQFNK KLSGTNAVLE KTVLREKLQY AKETNNEKDI
 421 AKYSAQLRNF EKRMVSYEKH HENDQSDIKK LGELTSKNRK LNMSNIRNAE HVKKEDSNF
 481 DSKSDPFSRL KTRTKVYYQE IQKEENAKAK EIAQEQEKLE DKDAKDKREK ELLVAQFRRL
 541 GGLERMVDEL DIKFDLKF*

f.

Predicted monopartite NLS
 Pos 36 DQSLSKKRRIE Score 6.5

Predicted bipartite NLS
 Pos 27 TSAKRAKNNQD-
 LSKKRRIE Score 5

g. Leo1

1 MSSESQDQP QKEQISNNGV VTNSTSNEE TSRSQDNVK EVNGNDTKE EEQEEDAELD
 61 DLFGDNDDD DDDVKKSET EKSDSDSDDED DEGENINHRS RHRESLGLDD DEAEQAMYT
 121 RKFYGEDANN FSDQDETHH FKEENVELVR HIIPSKANVN ETASHNEIFY ARIPNFLTID
 181 PIPFPDPSFE AKVNERASNS ASREDQLDDR LIDENTVRWR YSRDKDQHV F KESNTQIVQW
 241 SDGTYSLKVG EECTDILVND TSNTFLTIVSH DQQLIQCYE GGEIKKTLMF IPTSTNSKIH
 301 QKLSKAVIRR NQRQSKGPGT YIVSMDPEVE KKELEKQSQ ILRDRRRRQL KEKEQESP
 361 AAFETGFRKQ NSPTTYGASR RNEYEEDDFL VDDDEEEEA FDDEEDDNEE EEEEEDEADEE
 421 NASRLRNLRK EGAAMYREE EEEKDRSETK RRRVAVEDD EDED*

h.

Predicted monopartite NLS
 Pos 445 DRSETKRRVA Score 7.5

Predicted bipartite NLS
 Pos 424 RLRNLKREGAAMYR-
 EEEEEKDRSETKRRV Score 6.9

i. Cdc73

1 MANSDLRLRE HLKNGDKLVL KNEGQSTDD ITKATMVETL SSDGSTQDSF PLNEETEIEI
 61 DGSLVQLRII VHCWMNKDSS AADYLADCQN KQLTNVDFLQ RTDLINWLSG NTESSOYLKA
 121 PGQGETSDK VDIENKTLAG ELSTVKSTTS ASLENDSEVS DPVVVETMKH ERILVDHNSA
 181 LRGAKPINFG YLIKDAELKL VQSIKGLRG SKLPPGHKGA HGRISKTNGS SGGPRKDPPII
 241 LIPSAASSIL TVANIKQFLI ESKYVNPRL PSVPNGLVNI EKNFERISR IRFIIVDNTR
 301 MFTKPEYWR VVAIFTTGHG WQFNQYQWNS PQELFQRCKG YYFHFAGDSV PQHVQQWVVE
 361 KVLELDKNRF KDVEVVRYFW HSLEKELISR GYR*

j.

Predicted monopartite NLS
 None

Predicted bipartite NLS
 None