

A

C3HC4 RING finger domain

XXXXXXXXXXDXKCPXCKTDRYLNPXXXXLLVNPCEYHXXCESCVDRIFXXGPAQCPXXGXCKILRKXKFRXQXFPEDXXVEK

10 20 30 40 50 60 70 80

Pmh1 1 MDDEGARKVDEKCPDCAQRYLNPNMKLLINPECYHKMCECSCVDRIFFTTPGAQCPPTPGONKILRKAKFRQCFDFDAQTFR
 Tfb3 1 MLMDEYEENNDMCPICTKTDRYLSQDVKELVNPECYHRI CESCVDRIFFSLGPAQCPYKGCCKILRKXKFRKFTCFDFDVEVEK
 Mat1 1 -----MDDQGCPRCKTKFYRNP SLKIMVN-VGSHFLCECSCVDLIFVRGAGNCP--ECGTPLRKXSNFRVCFDFDPTVDK

coiled-coil region

EVDIRKRVXXIFNKXXXDFX-SLXEYNDYLEEVEVIXIFNLXXXIDVEXTEEEKXXXVEKXNKDXIXNXXXXXXXXXXEXXLEQ

90 100 110 120 130 140 150 160

Pmh1 81 EVDVRRKISRIFNKGQEPD-SLQAVNDYLEEVEVITLNFNTYKRDVRFPEEKVKQVEKQNRDSTAAANSARAAAFARTLAC
 Tfb3 81 EVDTRKRVFNVENKTIIDDPNGDLEVEYKRVLEEVDDIYKEDHGIDVAKTEEKLRTVPELKNQILMNNLBRSRRTIESFEQ
 Mat1 71 EVDIRKRVKILVYKREEDFP-SLREYNDYLEEVEVITLNFNTNNVDFENKIKKIMELVQKPNKDLVQKNKLLRREQDFEE

XXXXXXXXXXRLLXXXXEEXEXXKEXXQXIXXXLXTSXXDXNXXXXXXXXXX---XXXEXXXXXXXXXXXXXSSXXXLSXX

170 180 190 200 210 220 230 240

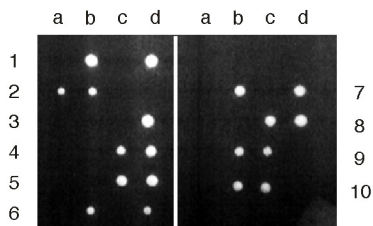
Pmh1 160 NEILLRQKQEARFAAIRRQKQKERRQVEQOLIFDLAISGKDPNKIIQLSDSLKQQQNTIASSVSNISRSSSILLSDV
 Tfb3 161 RQKFEKEMKKRLLERQTEPEERMNKQWTKKELVNRLSITTTQDIN-----ETIEGVKNTVKKLKKSSARRKFEEL
 Mat1 150 ALEVERQGEHQRLFIQKPEELQALKRKNKCAFLEDESSDLPVALLAQHK--DRSTQLEMQLKPRSMKPVTFSTG

XXXXXXXXXXXXXXXXXXEYFXXXXNTXXXXXEVXXXPXX---XXXXXXXXXXXXXXXXFXGXIXLXLRLXIXXAX-

250 260 270 280 290 300 310 320

Pmh1 240 QQVAEDTTPFSPLAGKRDGSKVYFSYKNTYQDLYLRFVSHPEGRKCGFRIEDCHLRCLLYEAFSGTIDYDLESKKLEVAS
 Tfb3 231 NRVLKNPP-----VFNENVIVQNSRLKDAVPTFT-----ENVIEKHTQGR-----
 Mat1 227 TKMGQQISLAPIQKLEALYEYQPLQIEVCGPQVPEQLLGRLG---YLNHVRAASPQDLAGVYSSVACHRAVQDAFS

Pmh1 318
 Tfb3 271
 Mat1 303 GLFWQPR

B**C**