

bHLH

1 50 100 200

A.m. Mb' KSYE.....FPHFV KTVYVRKVT FLERKRRAR INKCLDELKQ ENVTALSSG FDISKLEKAD FLELTVRHLQ RLGQSSSSG HLLD...TAL
 A.m. Mb QMHEQIMMV DG..QSOFIT RTVYVRKVM FLERKRRRAR INKCLDELKQ ENVTALSSG ENVAKLEKAT FLELTVRHLH KLGKQRLS.....
 A.m. My KAPHTSYTFV GMEYSEPV RTVYVRKVM FLERKRRRAR INKCLDELKQ ENVTALSSG ENVAKLEKAD FLELTVRHLH TGAARLLT.....
 D.m. Mb NVL.....EMEM KTVYVRKVM FLERKRRRAR INKCLDELKQ ENVTALSSG RHITRLEKAD FLELTVRHMK KLRARQRLR SSVTGGVSPS
 D.m. My VSSL.....QMSEM KTVYVRKVM FLERKRRRAR INKCLDELKQ ENVTALSSG RHVTRLEKAD FLELTVTLLQ KMKQQRCHK.....RAS

orange

101 150 200

A.m. Mb' KCGVSEGEN FLKRGFCRA IAYEFISA.. YPGCLSGINV R...NTERE ER.....G CVSEH.....RDSKEG
 A.m. Mb .NPFIDADR FRAGYTICAN VYSECLAA.. TPGVDVAGT KLMTHLGR.. RSMKNGP.L TTHVAARSS PSSSE.....LSSDEYS MPLTPASSQP
 A.m. My LIPENYADE FREGTQCAQ VYSEFSTEV AAAMVAFV QLMRHLGC RELEGSSAA NGGTTISNNN TTTTAAAST TTVASTSVS KTTPAVSPTA
 D.m. Mb ADPKLSIAES FRAGVGAAN VYSEFISA.. YPGVSLDGT QLMSHLGRF NYLGVVVF.. SLPGVHQA FESQ.....VMVTPFP
 D.m. My GDESLTPAG ERSQILHAV VYSSLSQ.. LGMNVSLGT QLMTHLGR NQIQFBEK.E VLPATRLSV HIANR.....DAY VPIPLSSYA

201 238

A.m. Mb' QTEKKVKTEL KVEDEEEDV ER.....VD VDEMWRFP
 A.m. Mb SPVRDIEGI SQSHGLLQV AK.....P NEPIWRFP
 A.m. My NVMINVLQNV YTPPSPPSL ASSSGESVS SHAWRFP
 D.m. Mb SECSLELGA CSPAPSEASS ..SGENWRFP
 D.m. My GSPFNNTST SHSLLTIDV TKMEDD.SD EENWRFP

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5' bHLH MWRPW*

ENSAPMG00000016895