

**Supplementary File 1: CDS and Protein sequences of *C. chinense* MYBs**

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KREVQTPNPLLTSPATPGATGLTPRIGMTPSRDSYGMTPKGTPRDELRIEEMDNNAKFGQFNSKKELLSGLRGLPQPKN  
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PFTLIEQADEMIRKELVSLLEHDNTKYPLDEKAEKEKKKGVRKAVAEPATIEDFEDELKEADELIKDEAQFLRVAMGHE  
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DADVPKTEDSGLVAGDTDVFKTEDSGVAAGDADVPKTEGAVAGDADVPKTEDSGLVAGDMVFKTEDSGVAAGDADVP  
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>CcMYB10 |Locus\_ID=BC332\_11130 |Protein\_ID=PHU19979.1 |Protein\_len=309 |  
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>CcMYB116 |Locus\_ID=BC332\_22985 |Protein\_ID=PHU06496.1 |Protein\_len=818 |  
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GSSSIATGELVLPFPHVQMESLVRSLRWTKDQTQIAADVHNLIIGRPVFRLLKYGWFPNAELGTSQEPLSYTPVFQNTNT  
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>CcMYB119 |Locus\_ID=BC332\_09126 |Protein\_ID=PHU24019.1 |Protein\_len=513 |  
chr03:253724494-253726291 |strand= +  
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NSSCKLSMQPQDQGLPNKVVEQEVQGGSCITGAAGVTSESSLGKTNNNKHASDIAGTGIGTNHDSLLEPSNRKEWDVGY  
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>CcMYB120 |Locus\_ID=BC332\_11642 |Protein\_ID=PHU20491.1 |Protein\_len=585 |  
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>CcMYB121 |Locus\_ID=BC332\_19144 |Protein\_ID=PHU12214.1 |Protein\_len=133 |  
chr07:197563984-197565536 |strand= -  
MADCDRSSTSDNASVSAEFEQKLLSSRESTIDPPAVTALETTNKETSELEFSEDEEILIAKMFNLVGERWSLIAGRIPG  
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>CcMYB15 |Locus\_ID=BC332\_12046 |Protein\_ID=PHU20895.1 |Protein\_len=276 |  
chr04:227488618-227493207 |strand= -  
MQLPPSLGFSFTIIRCSTSTSSSESSSESTPRNDNKAEEKIKGPWSAEEDKILTKLVERYGARNWSLISKYIKGRSGKS  
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EFRSGSGSGSGSGSGSGMEYMNVDSPKGNTNNYATTMTTMAQCNYTSGVWRNNNNYGGGECDDPMTTSLAPPGMAGEE  
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>CcMYB18 |Locus\_ID=BC332\_23339 |Protein\_ID=PHU06850.1 |Protein\_len=361 |  
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>CcMYB4 |Locus\_ID=BC332\_27825 |Protein\_ID=PHU02574.1 |Protein\_len=476 |  
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FMSRPEQLQHSLQSFQNFHSLCVKLPKTEASEECFFSNNRDSSNVNQPVDLLSELQAIKYVTEASNYNSPKAIFSHHPN  
QMTDCSTSSPLSSSSSSSASHSLNENQVNWCDYLLDDAFIPSNFKDQEDEL TIEEKL VSSGAQDG SNNVPSTRDFQASLS  
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ERKRKKELEDGVPRKESSQIGPMSQESLNMPASSDSL GTHSNRKPCSQANLSSINDSGVAALSAGELLSEPEKQLCREIR

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>CcADA2 |Locus\_ID=BC332\_18760 |Protein\_ID=PHU11830.1 |Protein\_len=561 |  
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>CcARR1 |Locus\_ID=BC332\_14187 |Protein\_ID=PHU18492.1 |Protein\_len=663 |  
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STNVEDGDQHQKPPEDVDYSSSANEGNWKSSKRRKEEEDETEERDDTSTLKKPRVWVSVELHQFVQAVNQLGIDKAVPK  
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GIPGTLDVSPSMLVQQGISSMKNGQNGNSPMGGPQLNLFSGGNFLTVKAEQLPDTSYQSNSFLEQFGQDDLMSAILKQQ  
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>CcARR10 |Locus\_ID=BC332\_02543 |Protein\_ID=PHU30450.1 |Protein\_len=688 |  
chr01:196871152-196875839 |strand= -  
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DLEDVKEERSQNDKNKGADVKEPEDSTGKAVSSEESDRENRSFNESNSTENRETGVKNEPEPVEIGEDKPVQEVKPVSEAD  
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AKPEKKKEESKKRGAAADFLKRIKTSPTKGTLIEALKNDPTEDVVSVKVSNKKEQKKKKVDDRREVPVRRSGGGGSAI  
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HGSIPLAWQRPVPNFADPSILSTFDRCMSQPQESGLVNEIIESSKIKSWTMVDAAVQAMLSYTRDNTTEKIEEAIDYV  
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>CcARR5 |Locus\_ID=BC332\_28216 |Protein\_ID=PHU02965.1 |Protein\_len=581 |  
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>CcARR7 |Locus\_ID=BC332\_15933 |Protein\_ID=PHU14728.1 |Protein\_len=557 |  
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>CcMYBH1 |Locus\_ID=BC332\_28265 |Protein\_ID=PHU03014.1 |Protein\_len=298 |  
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HIDDLIVDPEDANESEILVDGGKSLPSKQPCTAGSSGSNNHPIFRVGSSELGALITQMDEDDYDFFSIFDDGDAPISHAM  
VSNAAHSGMTSFAVASNSANNPPQNTVSAHSGRTSFAAASGPNKAPLMVSDHPQLPHVAPSSNCVVGEWLQFKYYH

>CcDIV10-2 |Locus\_ID=BC332\_15631 |Protein\_ID=PHU14426.1 |Protein\_len=400 |  
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VTIVGADIAGTSQVPYTEGMILPACGGSQVFASTSNQSLLPQESTNAEQMLAVVGGESSGHSAAVSGMNSMDPDEDDF  
IKHIDDLIVDPEDANESEFLVDGGRSLLASKQPCTAGSSGTNNHPIFIVGSDLEALITQMNEDDYDFTFILDDGEAPISH  
AMLSNASHSGMASFAVASNNAYNPPQNTVSAHSRMTSFAAASIGPNAPQNMVAHPQSPHVAPSSNCVVGEPQFKYYN

>CcDIV11 |Locus\_ID=BC332\_16553 |Protein\_ID=PHU15348.1 |Protein\_len=126 |  
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>CcDIV13-1 |Locus\_ID=BC332\_23075 |Protein\_ID=PHU06586.1 |Protein\_len=348 |  
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EPFLVCQKEMRTDRTCNSSFRTLRRMEEELPGKSGDDIINYNNILLEDVEAIDSGRVPIPNYPELQISISNQNSEADVERQ  
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>CcDIV13-2 |Locus\_ID=BC332\_23074 |Protein\_ID=PHU06585.1 |Protein\_len=429 |  
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VVRKAPTSHEVLLNAAHSGISSYAAASFGAENAPESNVAAYSGMSSYADASSDAVNAPDNMVAHSGMTNFAVTSRFASN  
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>CcDIV14 |Locus\_ID=BC332\_14807 |Protein\_ID=PHU13602.1 |Protein\_len=218 |  
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>CcDIV2 |Locus\_ID=BC332\_07426 |Protein\_ID=PHU22319.1 |Protein\_len=292 |

chr03:73180846-73182030 |strand= +  
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AQKYYQRQISGGKDKRRPSIHDITTVHFTTDATSQNNLAYNINSLSKEKFYATSSSFQKFTTTTIDIVNCWNASLLSEHVD  
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>CcDIV3 |Locus\_ID=BC332\_13887 |Protein\_ID=PHU18192.1 |Protein\_len=242 |  
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GLVPNPRRFVSSFALEFADHRKIHTFSKRGSYDQERKKGVPWTEEEHRRFLMGLEKYGKGWDRNISRNFVISKTPTQVA  
SHAQYYLRQLSGEKERKRPSIHDITTVNLTNNELNNNNKLMCEVKSYSPLQRSTSPADVLIGCWNNNSFDGDLMAFGQ  
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>CcDIV4 |Locus\_ID=BC332\_23536 |Protein\_ID=PHU07047.1 |Protein\_len=293 |  
chr09:70770343-70772002 |strand= -  
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>CcDIV5 |Locus\_ID=BC332\_17375 |Protein\_ID=PHU16170.1 |Protein\_len=306 |  
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QANNGTAMGFNSAQGSLFMSPLYGVNSYGNMKMSQSLQRGALHEPYFGSQSMNFQLQSAHQYHQA

>CcDIV6-1 |Locus\_ID=BC332\_28756 |Protein\_ID=PHU03505.1 |Protein\_len=361 |  
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>CcDIV6-2 |Locus\_ID=BC332\_28750 |Protein\_ID=PHU03499.1 |Protein\_len=192 |  
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>CcDIV7 |Locus\_ID=BC332\_14309 |Protein\_ID=PHU18614.1 |Protein\_len=189 |  
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>CcDIV8 |Locus\_ID=BC332\_25861 |Protein\_ID=PHU05039.1 |Protein\_len=282 |  
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>CcDIV9 |Locus\_ID=BC332\_09843 |Protein\_ID=PHU24736.1 |Protein\_len=290 |  
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>CcEFM1 |Locus\_ID=BC332\_24443 |Protein\_ID=PHU07954.1 |Protein\_len=440 |

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GGSHVATPKQIRELMKVDGLTNDEVKSHLQKYRLHTRRSPSSIHNNNNQPPQFVVVGGIWWPPPDYASMAAVAPAASG  
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>CcETC3 |Locus\_ID=BC332\_24253 |Protein\_ID=PHU07764.1 |Protein\_len=86 |  
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>CcGLK1-1 |Locus\_ID=BC332\_34438 |Protein\_ID=PHT96636.1 |Protein\_len=447 |  
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RKVKVDWTPELHRRFVQAVEQLGVDKAVPSRILEIMGIDCLTRHNIASHLQKYRSHRKHLAREAEASWSQRRQLYGA  
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RKVKVDWTPELHRRFVQAVEQLGVDKAVPSRILEIMGIDCLTRHNIASHLQKYRSHRKHLAREAEASWSQRRQLYGA  
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PPSPDPSFWHPHHQRPVNPLTPGTPYFPAPIAPTRYPGGHHVPVGPPIAAHAMYKVDHVRSTAPPTQPLPKPPCDFHPSK  
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>CcGLK1-4 |Locus\_ID=BC332\_34226 |Protein\_ID=PHT96848.1 |Protein\_len=447 |  
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RKVKVDWTPELHRRFVQAVEQLGVDKAVPSRILEIMGIDCLTRHNIASHLQKYRSHRKHLLAREAEASWSQRRQLYGGA  
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>CcCLK2 |Locus\_ID=BC332\_25081 |Protein\_ID=PHU04259.1 |Protein\_len=311 |  
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>CcHH01 |Locus\_ID=BC332\_05708 |Protein\_ID=PHU27376.1 |Protein\_len=449 |  
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DLTLAHVKSHLQMYRTVKSTDKATAKGQGENVFVNQHKGINNIGEYKSGEEDAVSQSSTMPQNMAMHNRDPSSFMPDQ  
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>CcKAN6 |Locus\_ID=BC332\_18917 |Protein\_ID=PHU11987.1 |Protein\_len=250 |  
chr07:174661694-174670007 |strand= +  
MMEYFSMMKKRSSNKIGVRQYKSSVPRLRWTPELHELFIQVALLGGGHKATPKRIQQMMEVKGLTISHVKSHLQMYRN  
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>CcKUA3 |Locus\_ID=BC332\_24632 |Protein\_ID=PHU08143.1 |Protein\_len=240 |chr09:255398691-255401598 |strand= -  
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>CcMYB1R-1 |Locus\_ID=BC332\_32578 |Protein\_ID=PHT98499.1 |Protein\_len=281 |scaffolds:544828-545986 |strand= -  
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>CcMYB1R-2 |Locus\_ID=BC332\_16646 |Protein\_ID=PHU15441.1 |Protein\_len=295 |chr06:222007861-222009975 |strand= +  
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>CcMYBC1 |Locus\_ID=BC332\_26707 |Protein\_ID=PHU05885.1 |Protein\_len=274 |chr10:222673866-222674690 |strand= -  
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>CcMYBC2 |Locus\_ID=BC332\_27055 |Protein\_ID=PHU06233.1 |Protein\_len=290 |chr10:233421662-233422534 |strand= -  
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FLEEKWPPPEFNKNKLNSQSLFHHTGPKWSCRNNLDPKYKTPLRFEMKQDKKFILEKDYWLPDLQLGLSRSEENNMKE  
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VVAHLGIKNAVPKTIMQLMNVEGLTREN VASHLQKYRLYLKRMQGLSNEG PSSSDHLFASTPVPQSLQQSGVGNNGNSG  
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>CcPHR3-2 |Locus\_ID=BC332\_14380 |Protein\_ID=PHU18685.1 |Protein\_len=392 |  
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>CcPHR6 |Locus\_ID=BC332\_26869 |Protein\_ID=PHU06047.1 |Protein\_len=423 |  
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>CcPHR7 |Locus\_ID=BC332\_26620 |Protein\_ID=PHU05798.1 |Protein\_len=263 |  
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>CcPHR9 |Locus\_ID=BC332\_23400 |Protein\_ID=PHU06911.1 |Protein\_len=80 |  
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>CcRAD1 |Locus\_ID=BC332\_32239 |Protein\_ID=PHT98820.1 |Protein\_len=102 |  
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MATNSTWSNQNKLFENALAIYDTPDRWRKLAKAVGGKTEEEVKSHYEKLVEDIKHIESGNVPLPNYNNGGGGGGGGGR  
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>CcRAD2 |Locus\_ID=BC332\_22475 |Protein\_ID=PHU10615.1 |Protein\_len=99 |  
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>CcRAD3 |Locus\_ID=BC332\_31082 |Protein\_ID=PHU01295.1 |Protein\_len=89 |  
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>CcRAD5 |Locus\_ID=BC332\_32248 |Protein\_ID=PHT98829.1 |Protein\_len=92 |  
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>CcRL2 |Locus\_ID=BC332\_25561 |Protein\_ID=PHU04739.1 |Protein\_len=88 |  
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>CcRL3 |Locus\_ID=BC332\_05377 |Protein\_ID=PHU27045.1 |Protein\_len=78 |  
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>CcRVE5 |Locus\_ID=BC332\_15390 |Protein\_ID=PHU14185.1 |Protein\_len=301 |  
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SNQVTVPVPSWTDNSVPPVSLSIKKDNVRETGQLVANNRCCSSNESTPRSKSTVKVIERTQAPSLRVLPDFAQVYNFI  
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>CcMYBR14 |Locus\_ID=BC332\_32768 |Protein\_ID=PHT98299.1 |Protein\_len=299 |  
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>CcMYBR15 |Locus\_ID=BC332\_30589 |Protein\_ID=PHU00802.1 |Protein\_len=242 |

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>CcMYBR16 |Locus\_ID=BC332\_24180 |Protein\_ID=PHU07691.1 |Protein\_len=294 |  
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>CcRVE6 |Locus\_ID=BC332\_05079 |Protein\_ID=PHU26747.1 |Protein\_len=124 |  
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>CcMYBR18 |Locus\_ID=BC332\_00996 |Protein\_ID=PHU28903.1 |Protein\_len=120 |  
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>CcMYB102 |Locus\_ID=BC332\_33436 |Protein\_ID=PHT97629.1 |Protein\_len=269 |  
scaffolds:121483-122793 |strand= -  
MGRSPCCEKAHTNKGAWTKEEDERLIAYIRTHGEGCWRSLPKAAGLLRCGKSCRLRWINYLRPDLKRGNFTEEEDELI  
LHSLLGKNSLIAGRLPGRTDNEIKNYWNTHIRKLLSRGIDPTTHRPINPSTTQKVTTISFAGGDHKTCDIEDQDYKM  
INVKAESGLSQVEDEINSSPFREQFDLNLRLISPPSRQNYQQSHHVQDLKQSPTRCFACSLGIQNSKDCNCCKNNNNN  
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>CcMYB103 |Locus\_ID=BC332\_02487 |Protein\_ID=PHU30394.1 |Protein\_len=272 |  
chr01:193658210-193660316 |strand= +  
MGRKPCCSKEGLKKGAWTAKEDMLLTEYIKEHGEGTGWRALPKKAGLLRCGKSCRLRWVNYLKPGLKRGFTFTPEEDDLIV  
RLYTLLGSRWSLIAGRIIPGRTDNDIKNYWNTHLLKLLKAQGNPRRHKSIRKSKEKEKASSQKKQTRNQKTKERKKRKI  
AENDSNIEEREQVAKTTEQLQMDFSQAVSENNYNFTGSSCSQDGTSSGASTSEINLEENNYNSGIYEKFQVIDELLN  
DQWTEYNNESHMMLKEIYEEYFQLVSKNSLSF

>CcMYB104 |Locus\_ID=BC332\_00057 |Protein\_ID=PHU27964.1 |Protein\_len=260 |  
chr01:682911-684231 |strand= -  
MGRAPCCAKEGLRKGPWSSQEDSLLTNYINQHGEHWRSLPLNAGLLRCGKSCRLRWVNYLRPGIKRGNFCEDEDDLIVR  
LHSLLGNRWSLIAGRLPGRTDNEIKNYWNTHLVKLLKNTGIDPKPLKNFPRRKKTQKEGKKCKSQNSKGQSVQVEKIKVF  
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>CcMYB105 |Locus\_ID=BC332\_20335 |Protein\_ID=PHU08475.1 |Protein\_len=277 |  
chr08:3613207-3615399 |strand= +  
MGRAPCCAKEGLRKGPWSTKEDLLLTYIKENGEGQWRNLPNKAGLLRCGKSCRLRWVNYLRPGIKRGNFSQDEDDLIIR  
LHSLLGNRWSLISGRLPGRTDNEIKNYWNTHLIKLLKIAGIHPKVHKIFNKKEPKKKPKSDKPRKKQDKKKKNNKKDQS  
LVNNNNNDTPQVVFVPKPIRLMRNYSVEMLSRPCQIFKFMHASALLKSQNNAASSSDNSEELAENNNKNNINIITKDDE  
NFLFDEFCDFSNESMVDKVYEEYLQLISEKCYDPMML

>CcMYB106 |Locus\_ID=BC332\_27082 |Protein\_ID=PHU01831.1 |Protein\_len=173 |  
chr11:1075349-1076543 |strand= +  
MRKPGCDYKEEMHKGWSKQEDQKLIDYITKHGEGCWRDLPKAAGLLRCGKSCRLRWVNYLNPNLKRGNFSEDEDDLI  
LHALLGNRWSLIAGRLPGRTDNEVKNYWNHLRRLIKMGIDPKNHNISHYLRIRKLEYFQENSIKSENNAVISDATSSN  
CVTSSLPDLNSLP

>CcMYB108 |Locus\_ID=BC332\_14002 |Protein\_ID=PHU18307.1 |Protein\_len=317 |  
chr05:223881846-223884303 |strand= +  
MDHHQKIEVDSGRGGGRGGDYTKNNQEIREDIVMDLRRGPWTVEEDFTLINFIAHHGEGRWNSLARCAGLKRTGKSCRL  
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GCYNFPINQSNQDYSQVNQSTNQMCYGESTINPTSDFHHGFQGFQEVQQNNTQWMDNPWNIEDVCFLQLNNDM

>CcMYB11 |Locus\_ID=BC332\_27759 |Protein\_ID=PHU02508.1 |Protein\_len=419 |  
chr11:26930576-26932692 |strand= +  
MGGASTSMGMFFADMNSLSINTPKSVDEGKGRKGSWDFQFLNKGGAVFSCCNLDEVQNSEENNESIDLNASCYNEEKQI  
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>CcMYB110 |Locus\_ID=BC332\_18300 |Protein\_ID=PHU11370.1 |Protein\_len=214 |  
chr07:28014303-28015172 |strand= +  
MKDKEVKTRMKRGFWKPEEDLILKNCVETHGEGNWATISEKSGLLRSGKSCRLRWKNYLRPNIKRGMSEDEKDLIIRLH

KLLGNRWSLIAGRLPGRTDNEVKNFWNTHLNNKRSCGKKKKHVKSKEANTHSPQGKTQQCPAETVRNQEVATKTVLDSWI  
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>CcMYB111 |Locus\_ID=BC332\_18314 |Protein\_ID=PHU11384.1 |Protein\_len=277 |  
chr07:30180883-30184740 |strand= -  
MKVTEMRLGWICGLTKKDSVINETIRDKVGVTSVKEKMQLRLRRFEHVMKRLTAERKSKSAMKDKEVKTRMKRGFWKP  
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>CcMYB113 |Locus\_ID=BC332\_30875 |Protein\_ID=PHU01088.1 |Protein\_len=352 |  
chr12:191929956-191931822 |strand= +  
MGRKPCCSKEGLNKGAWTPIEDKILIDYIKVHGEGKWRNLPNRAGLKRCGKSCRLRWLNLYLRPDIKRGNISPDEEDLIIR  
LHKLLGNRWSLIAGRLPGRTDNEIKNYWNTNIGRKLQEAKGSGQPNRVTSYRQRNRSSHAKSANPSPITQLQONNQEQT  
VQQDSNCLLQTDVREGSSSSSSSTCLVVCNKAIWCTKIFISPQNTDQSVNEITQIDNNDKAMTEENATTNIVTSSSSSL  
EQQQQPVSESYSPTNLSVEMENYNFMFMGLDVEDPFLSELLSVPDLRDQILENSTISSTVDAGDEVGDCNISVKKERQR  
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>CcMYB115 |Locus\_ID=BC332\_34193 |Protein\_ID=PHT96881.1 |Protein\_len=258 |  
scaffolds:31973-33059 |strand= +  
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RLHKLLGNRQFYVLDSPKFAGSSHLKVNDIRDLWSLIAGRLPGRRTANVVKNFWNTRLLRKVNIAPIINNKGDNINTKNE  
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SDGGWDEFMSDDIWNLLN

>CcMYB12 |Locus\_ID=BC332\_23833 |Protein\_ID=PHU07344.1 |Protein\_len=356 |  
chr09:154409265-154416480 |strand= +  
MENDTAEVQEVTVAVNGFYGGGDDEVLITEDGSGKKNADRVKGPWSPEEDAILSRLVSNFGARNWSLIARGIPGRSGKS  
CRLRWCNQLDPAVKRKPFDDDEDRIILQAHAIHGKWKASIRLLPGRTDNAIKNHWNSTLRRRCAELGRLRSDSSNVMED  
VSVEKSKASSEETQSCGDVNSLKAIEGKDVSEENQEDNLYEDKSQGDVQQSDAANDPHTLFRPVARVSAFSAFGSLNVP  
ESQLQTPRLIPVQAPDLGISKLLEGAFTRDLVPHQCGHGCGNGNQAINGSSLLGPEFVDYDEPPSFSSHELATLATEIS  
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>CcMYB13 |Locus\_ID=BC332\_13912 |Protein\_ID=PHU18217.1 |Protein\_len=398 |  
chr05:220340289-220346172 |strand= -  
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SREEDLVLMEIYKFGARNWSMIAQGIPIGRSGKSCRLRWCNQLDPLLKRKPFTDEEDRIIINAHAVHGKWKASIAKLLPG  
RTDNAIKNHWNSTLRRRFAEVRVVKPLCSVMLDDSIDNAKVLFEIYKSHGDFNQIKPLEMLEGSRACMSSQSEDKTQIY  
EIYDIPEKSPNFVSERSCSTSVNSDPSASRPTEKIGGFYVCNPSATSRIVPMQGPLIHTFSPDFDICKLLEGCVSAGET  
TVPQCGHGCAASTNSSFKSLLGPEFVEYEEHPPHLGHELASIAATDLNNIAWIRSGLEKAGELRNSRHSSTQVGFG

>CcMYB14 |Locus\_ID=BC332\_31012 |Protein\_ID=PHU01225.1 |Protein\_len=242 |  
chr12:206743102-206743830 |strand= +  
MKTVELIRVKGPKWKEEDELQKLVEEHGAKNWSIIGKSIPGRSGKSCRLRWCNQLSPQVEHRPFTRDEDDKIIKARAE  
FGNKWATIAIRLLSGRTDNAIKNHWNSTLKRKCPMSMEDLSFDNPQPPLKRSASVGPSPMMPGSPSGDLSDSGLSGSGS  
LDLPLPLVYRPVPRTGICIFPLPPPPAPSPDPPTSLSLSPGVSVPVSGSGFEKPRQSPQTPPLPPPQPPFAAVEKPIP  
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KID

>CcMYB16 |Locus\_ID=BC332\_11900 |Protein\_ID=PHU20749.1 |Protein\_len=326 |  
chr04:224752264-224753244 |strand= -  
MAARKDSRIKGPWSPEEDELQSLVEKHGPRNWTLSKSVPGRSGKSCRLRWCNQLSPQVEHRAFTPEEDETIIIRAHAK  
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LDLPLPLVYRPVPRTGICIFPLPPPPAPSPDPPTSLSLSPGVSVPVSGSGFEKPRQSPQTPPLPPPQPPFAAVEKPIP  
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GISKIE

>CcMYB17 |Locus\_ID=BC332\_01622 |Protein\_ID=PHU29529.1 |Protein\_len=303 |  
chr01:74523210-74526775 |strand= -  
MSEIKKGPWKAEEDEVLIKHVKKYGRPDWSSIRSKGLLQRTGKSCRLRWVNKLRLPNLKNVGFSAEEERTVIELQAQFGN  
KWARIATYMPGRTDNDVKNFWSSRQKRLAKILRNPPQPNKPQKCIHREAPPATQKVPSVEAPKLNSSAEERPLSMSQDC  
SSSYMNNFETTSMPVPLRELVNSTSLPFEQELLPLEFTPNEKRTSIWPQFPLSFPQIPLQTTFDHPLGHQELPMKLEDTNF  
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>CcMYB19 |Locus\_ID=BC332\_15639 |Protein\_ID=PHU14434.1 |Protein\_len=505 |  
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MSMTSESDDRMASQDGVDSPEVEACGGGITGGGLPLKKGPWTS AEDAILMDYVTKHGE GNWNAVQKHSGLARCGKSCRL  
RWANHLRPDLKKGAF TPEEERRI IELHAKMG NKWARMAAELPGRTDNEIKNYWNTRIKRRQRAGLP IYPPDISFQAISEN  
KQNEELGAFSSTDSQYPDFLPMNFEIPAVEFKRLEFNKQLCPPALLDIPNGGILDIPGRSLLA QGLNSAYYSRSFLSTM  
PPAKRIRGAESLFSG LNGDCSPSKNEGSFPTCHQYQEDGSLLAQSMGFSSSFNQNLTSVHHPSSSGVIPGSHAPLNGKTS  
SSEPLWAEKLELPSFQSQMASWGLSSSPLPSLESVD TMIQSPTEHTESC NLSPRNSGLLDAVLYESQTM RASKSILHQE  
NSGDVVDNSCPDLHETGWETYGDPISPLGHSAASVFSEYTP TSGSSPEEPQLVTMPGCKVKQEKFD FGPYDGKEDASDLI  
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>CcMYB20 |Locus\_ID=BC332\_01521 |Protein\_ID=PHU29428.1 |Protein\_len=509 |  
chr01:67429296-67432913 |strand= -  
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RPDLKKGAF TPEEERRI IELHAKMG NKWARMAAELPGRTDNEIKNYWNTRIKRRQRAGLPVYPPDISFLANQNKQNEELG  
AFSSVDAQNSNVLGINNFEIPAVEFKNLQLNHLLYPPPLGEIPAVSSFLAQGHRAPYGSTYLLSTMHPSKRIRGSESMFS  
GSNGDLLSSSQYHNGGSLLAQPLGFSSYNHHLT YDDDRSFSSVVHGGHAC LNGNSSSSEPTWAMKLELPSLQNQTANWG  
SPPSPLPSLESDDILIQSP PAGNSESGSLSPSNSGLLDAVLYESQTMKASNDNSHQGKETSGDAVNKGWESYGD PVSP LH  
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>CcMYB21 |Locus\_ID=BC332\_31637 |Protein\_ID=PHT99442.1 |Protein\_len=486 |  
scaffolds:6937567-6940075 |strand= +  
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FSPEEERII IELHAKIGNKWARMAAQLPGRTDNEIKNYWNTR LKRRQRANLP IYPQELQSQNQPEHNQAQQSLISSAFDP  
QRTTYNNPPSLSLGILNPSSMRPPITHQFPLNGNKNFRNPPKGLSMTPPSSMQNSQFSSLPVSVSNNNF GHDLFNSTPM  
PSFQQTYPDFSSTMRPFLGNIPSNQNGLMFDMGINSINYP SGQLSMPVTTSSSENTSSGFGSSDANNYTNVGGLSRGNS  
GLLEDLLEESQTLTRAMKIEERGKSLWENYGLVEKELGDHQDGAIFTEESVYSFAHGDDVTLYNNSESSSSNPNASPGTI  
FKKEGSLKGTNQVDEDL MCLLDSFPLGVSVPDWN DHNSKIASDDYKAENLTEDSINSQVIIT TNSGSKKHELGLEGCCWY  
NMPSFC

>CcMYB22 |Locus\_ID=BC332\_24264 |Protein\_ID=PHU07775.1 |Protein\_len=479 |  
chr09:238380291-238383963 |strand= -  
MAPNGGGVKNKNNNGTSIGNHNTRQVLKKGPWTTTEDITLMEYVKKHGE GNWNAVQRNSGLMRCGKSCRLRWANHLRPHL  
KKGAFS IDEERLIVELHAKLGNKWARMAAQLPGRTDNEIKNYWNTR LKRRQRAGLP IYPQDIQPQNYQQDQDQNHSTNIP  
SPFDNNHQNSYNNNNNSPLSLDIFNPSTMKPSRNII PHQYQFNNNNPTSSFLTNTNINNQVKFFRDPRVLSLTLASS  
MKNSQLPSMIAPVNNFSQGYSSSIPAPPLQHNPFTTTTTRPFGISSNPNGLILGMGTEQRSIQLSMPETTTTTTSSD  
HADNNYVVERGLSRGNSGLLEDLLEESQTLTRGEKIEENCVDNEDNKGLVWEEYGLTEEAADAILTEESTYNFAHTDD  
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>CcMYB23 |Locus\_ID=BC332\_06584 |Protein\_ID=PHU21477.1 |Protein\_len=260 |  
chr03:8824259-8825764 |strand= +  
MVCEIIEQMGSNWGFIEEVWRKGPWTADEDRLLIEYVKLHGEGRWNSVARLTGLRRNGKSCRLRWVNYLRPDLKRGQIT  
PNEEKI IELHARWGNRWSTIARSLPGRTDNEIKNYWRTHFKKKTKNSCDNSEKSRASLWKRQFQLQQQQQQQIKNQID  
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KTNTSPCLQPMAS TTTPSFY

>CcMYB24 |Locus\_ID=BC332\_05804 |Protein\_ID=PHU27472.1 |Protein\_len=257 |  
chr02:163662294-163663398 |strand= -  
MVAMMGWGANS DQQGWRKGPWTPEEDKMLSEYVKLHGEGRWSSVARCAGLNRTGKSCRLRWVNYLRPGLKRGHITPQEEG  
IIIELHALWGNKWSTIARYLPGRTDNEIKNYWRTHFKKKEKASGQDKRK IIRQKNQPQPNCTIATIDKKLSPQAEVV I  
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>CcMYB25 |Locus\_ID=BC332\_14907 |Protein\_ID=PHU13702.1 |Protein\_len=238 |  
chr06:14503832-14505369 |strand= -  
MAQEEMRKGPWTEQEDLQLAFYVNLFGDRRWDFLAKVSGLRRTGKSCRLRWVNYLHPGLKRGKMTPQEERLILELH SKWG  
NRWSKIAMKLPGRTDNEIKNYWRTHMRKKAQDERKNKASTISPSSSFSSNFYSNSPDVDFTPIMENNERNFYDTGGVE  
KKINDGGKMKVYSMD EIWKDIELSESE TMNNIKPIMSSPLWNYCPNNTLWMSDEEETKMFPQFYNCLDNQDNTFFAG

>CcMYB26 |Locus\_ID=BC332\_14908 |Protein\_ID=PHU13703.1 |Protein\_len=189 |  
chr06:14885819-14887203 |strand= +

MAQEEMRKGPWAEQEDLQLAFYVNLFGDRRWDFLAKVSGLRRTGKSCRLRWVNYLHPGLKRGKMTPEERLILELHSGWG  
NRWSKIAMKLPGRTDNEIKNYWRTHMRKKAQDERKNKASTISPSSSFNSSSSFYSNSPDVDFTPSTEDNERNIYDTGGFQ  
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>CcMYB27 |Locus\_ID=BC332\_17123 |Protein\_ID=PHU15918.1 |Protein\_len=228 |  
chr06:231916922-231918274 |strand= -  
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KTYEEDQNMVYSMDEIWKVESSQEIETRNDLPVMASNTWDYCPDSLWMTDHYYYDNTQDFSFFTG

>CcMYB28 |Locus\_ID=BC332\_22951 |Protein\_ID=PHU06462.1 |Protein\_len=206 |  
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>CcMYB29 |Locus\_ID=BC332\_26333 |Protein\_ID=PHU05511.1 |Protein\_len=206 |  
chr10:209309844-209310891 |strand= -  
QLTMQEEELRRGQWLEEDERLAMIVAISGERRWDALAKDSGLKRSKGKSCRLRWVNYLHPNLKHGHITADEERLIIRLQK  
QFGNKWSKIAKQLPGRTDNEIKNYWRSHLRKKAPVYEQECFEDNTSNSEQSSISNCATVLNSSNSDDSFSEKGCYSAD  
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>CcMYB3 |Locus\_ID=BC332\_04434 |Protein\_ID=PHU26102.1 |Protein\_len=345 |  
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PPPPPPQPQPVTAVPFEQQDKVFPVFSQELLRVMQEMIKTEVRNYMMGIEQKQHPQQQHYQQQQFQQQTHQLPSGLGL  
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>CcMYB30 |Locus\_ID=BC332\_14493 |Protein\_ID=PHU13288.1 |Protein\_len=231 |  
chr06:45830-46775 |strand= +  
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GNRWSKIAENLPGRSNDNVKNYWRTKVQKHAKELHCNVNNSHQFRHFLYQWLPSLLAQILPTTPSSPNNMTCPNAD  
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>CcMYB31 |Locus\_ID=BC332\_19185 |Protein\_ID=PHU12255.1 |Protein\_len=199 |  
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LHAQLGNRWSAIAAHLPGRSNDNEIKNHWHTKLKRGTNYATNSSDESSKKCKNNTKKRYTESNTNKNSTSHNNMQENIVLE  
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>CcMYB32 |Locus\_ID=BC332\_03892 |Protein\_ID=PHU25560.1 |Protein\_len=196 |  
chr02:114442162-114445894 |strand= -  
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ELHAKWGNKWSKIAKHLPGRTDNEIKNYWRTRIQRKHQKQENVNGQGTSEQNIDHQEGSSSQMSAGQVDTIETYSPTS  
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>CcMYB33 |Locus\_ID=BC332\_05936 |Protein\_ID=PHU27604.1 |Protein\_len=170 |  
chr02:165584056-165586781 |strand= -  
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>CcMYB34 |Locus\_ID=BC332\_27190 |Protein\_ID=PHU01939.1 |Protein\_len=287 |  
chr11:3303339-3304807 |strand= +  
MSSNNNNNNLSSNEDELFLRRGPWTLEEDNLLIHYISTHGEGRWNALAKCAGLKRTGKSCRLRWVNYLKPDIKRGNTLP  
QEQLLILELHSGWGNRWSKIAKHLPGRTDNEIKNYWRTRVQKQARQLKVDNSKKFVEAIKNLWVPRLLKMEQCSSSST  
IDKKQINNLSPNLPINNQESCTKDNKSSHDDNTNTNSNNNTTWGSLGSSMNENFNICNNSMHQDDECYYVENNFNQ  
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>CcMYB35 |Locus\_ID=BC332\_09701 |Protein\_ID=PHU24594.1 |Protein\_len=293 |

chr03:262562871-262564270 |strand= -  
MERDMSFSLKTSSSSSSSDDDIELRRGPWTIEEDNLLVHYITNHGEGRWMLAKHAGLKRTGKSCRLRWLNLYLKPDKVGRGN  
LTPQEQLMILELHSLGNRWSKIAHYLPGRTDNEIKNYWRTVQKQARNLKIDANSAAFQEMIRYLWIPRLQLKIQSSSS  
VMPSIQSPQSTPQDFNIEKNSTNTSSSSSSSHSSNIYNSTNIMSECPKIPPRDIGSDSLNSFVKAHFPVDDNSYDVDN  
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>CcMYB36 |Locus\_ID=BC332\_31414 |Protein\_ID=PHU01627.1 |Protein\_len=292 |  
chr12:224158300-224159991 |strand= +  
MNHYSQYVDNNQKSDEETNNLDLKRGSWTIEEDFTLMNHIALHGEGRWNSLARSAGLKRTGKSCRLRWLNLYLRPDVRRGN  
ITLEEQLLILQLHSRWGNRWSKIAQHLPGRTDNEIKNYWRTVQKHAKQLKCDVNSKQFKDTLHYLWIPRLVERIKASTN  
SNNNQVNNIQQTNVDNIISNNNNNNNNNNNIVQNMNFQKENYSSTTTTSSENSFGSTQISDMSDNCYTNYPLNQGDYH  
GEILINPTSDYFQHGIIIDNNHQNMSQLFFDDVSDKFWNQEDMLFLQQLN

>CcMYB37 |Locus\_ID=BC332\_31413 |Protein\_ID=PHU01626.1 |Protein\_len=269 |  
chr12:224147657-224148659 |strand= +  
MDKIRENNIVELKRGWTVVEEDFILVNYIAHHGEGRWNTLAHCAGLKRTGKSCRLRWLNLYLRPDVRHGNITLEEQLLILQ  
LHSRWGNRWSKIAQHLPGRTDNEIKNYWRTVQKHAKTLKCDVNSKQFKDTLHYIWIWIPRLVERIQASKQNNNSIRVAQQ  
SVLRTGITELVPIQLANNSNNNNNDNNNSNYLSASVTPENSSSVATSSSENSIGTTQVSHNQDYYQANQSDYHHQLWFEDNYQ  
AMDQQNSIQLWMDNEDVFDNLNCNIEDIWS

>CcMYB38 |Locus\_ID=BC332\_08081 |Protein\_ID=PHU22974.1 |Protein\_len=279 |  
chr03:207146556-207148956 |strand= -  
MGCKAAEKPKQKHKKGLWSPDEDDKLKNYIIKHGHGCWSSVPINAGLQRNGKSCRLRWINYLRPGLKRGAFSLEEEDTIL  
TLHAMFGNKWSQIAQHLPGRTDNEIKNHWSYLKKRVTKMAENEGDTKSDNTESSPSLKKLTQNSSLDSFEHREGSLAD  
SDQSIYPRESQKSNLPKVLFAEWLSLDQFNGQEFHNSGNFEPSTNNFGYNNSELHDIIFMHSLPMNNGSYGNGVNVQEVNNG  
TVVDDIFQAQLKFEDPMSANGFEFMSGEFNINDVMI

>CcMYB39 |Locus\_ID=BC332\_02119 |Protein\_ID=PHU30026.1 |Protein\_len=280 |  
chr01:166163058-166167683 |strand= -  
MGCKQMDPKPKQKHKRLWSPYEDHKLKDYILKHGHGCWASVPINAGLQRNGKSCRLRWINYLRPGLKRGTFSTEEETIL  
TLHGMGLGNKWSQIAQHLPGRTDNEIKNHWSYLKKSVMKAKTYSENAEESSSMKLVSCKSSNLGSEFELVEGALLADID  
QSTLHVQLPQENRECNLPKVLFEWFLSDQFNVQDFKNTIKQHHSKNNGYGCNDSVFLDAFAQYGPLLAMNEAITYGNDI  
NGGFNNMFQPLKFDDQIFVNGFEEFISGEFNVNGGVMI

>CcMYB40 |Locus\_ID=BC332\_02384 |Protein\_ID=PHU30291.1 |Protein\_len=366 |  
chr01:185358207-185361437 |strand= +  
MRKPEHNSSNPSPSTMMKEKEKEKGNKAKLRKGLWSPEEDEKLMNYMLTNGQGCWSDIARNAGLQRCGKSCRLRWINYLR  
PDLKRGAFSPQEEELIVHLHSILGNRWQIAARLPGRTDNEIKNFWNSTIKRKLKNNNNNNNNHNNSTPSPNASDSSSDP  
RALVGGIFPMQGHVNVMAAFMDNSSSTTSGSSMQAMVPSNHFNFPQLDNTSYDISGLVGPVNLGQFGCNGCDGGFLD  
YGVEETYSMMGLESEFVPLGGVHKSTMGENNNNNSHVNFSSNIVIGANDYMEKKITNGNNNNNQHLMMMSGSSDQS  
LKVEDYMGVFGNHNHWHGESLRIGFEFDWEGLLANVSSLPYLDQVE

>CcMYB41 |Locus\_ID=BC332\_28534 |Protein\_ID=PHU03283.1 |Protein\_len=357 |  
chr11:213882044-213886319 |strand= -  
MRKPEFSSSSSGKNNNNNTNNNTNVKLKGLWSPEEDEKLMHYMLTNGQGCWSDVARNAGLQRCGKSCRLRWINYLRPD  
LKRGAFPLQEEHHIHLHSLGNRWQIAARLPGRTDNEIKNFWNSTLKKRLKNSSSSSTPSPNASDSSSDHLSKDLNIG  
VTQQRFTMQKHNLMSINMDSTSSSSSMALNTINIDPLPTLDHTLINMSNGFNISPSYLSTTQPCMVQGGNIVGTNNGG  
SLFYGNHGHIFGGNLSMEGHELYVPPLENVSIDYNQNVENGNYVERSNHHQNNNYVNNMSSLNSTSHNFSNNSNIKENF  
GGIGNYWEDELKVGWDLLEELMKDVSPFPFLDFQVE

>CcMYB42 |Locus\_ID=BC332\_25321 |Protein\_ID=PHU04499.1 |Protein\_len=331 |  
chr10:35592237-35593896 |strand= -  
MGHHCCSKQKVKRGLWSPEEDEKLIRHITTHGHGCWSSVPKLAGLQRCGKSCRLRWINYLRPDLRRGSFTEQEERTIIDV  
HRILGNRWAQIAHLPGRTDNEVKNFWNSCIKKKLIAQGLDPNTHLLKNKSNNPTKSDYTYHHQDSTSVFTIDTSTNK  
EVISMDLKSTLATLSPNFPSPDNIITSSTYNYTPIVPIEYQNPFAWNSILDFASNCSLMESTTINLSSYINENKMWN  
GTGLEPTTLNPVNGQEEEMQVLQGDQFPPIIQTKFCHDLEDVYKVNHDQTVENTFDDNSNFDFFEMNSAFVPCGLYTN  
DNSMDQLSWDC

>CcMYB43 |Locus\_ID=BC332\_09604 |Protein\_ID=PHU24497.1 |Protein\_len=381 |  
chr03:260945914-260947886 |strand= +  
MGHHTCCSKQKVKRGLWSPEEDEKLKITYITTYGHGCWSSVPKLAGLQRCGKSCRLRWINYLRPDLKRGFSFPQEAALIE  
LHSILGNRWAQIAHLPGRTDNEVKNFWNSSIKKKLQLSHGTFSDSLIIFPNNNNLIANPNPNPSFDNSNSFNPNVPIT

NSFMSSTNNSSPLIQQLDQMINFPNGDLNLIQVVPYSLPMSFSDSMSNDPTWFNFNYPHHLQHDLEYNPSVIKQDNSNSM  
FTSNISLNCNCTNGENFMDSTNADIKIHQDLMMAPLLLPLKSETIKGNEGGILESTPVASQYIHSMAISSLPCTIPTGYTMN  
PHNNNNVHRVHVHEMKQIESVHMSSSPSSSKSSASGSSSLALSCLSCQFMMNPSGNLPTTWDS

>CcMYB44 |Locus\_ID=BC332\_00146 |Protein\_ID=PHU28053.1 |Protein\_len=338 |  
chr01:2327678-2330911 |strand= -  
MGHHSCCNQQKVKRGLWSPEEDEKLIRYISSHGYGCWSEVPEKAGLQRCGKSCRLRWINYLRPDIRRGFTPEEEKLIIS  
LHGAVGNRWAHIAHSLPGRTDNEIKNYWNSWIKKKLKKPSKPSANTTSITDHHHQSHQRSQVLVNYNTITSQQDIFFTQD  
LGTKSQVLLQDSTLFNSPSQLFFDSSGLDSMTNAIINDATNRSTTTNNASLFFQETSTLNSEFCWQVDQOQQOQLQVQTS  
SYAIGMDSNYLPPLIESMVPPMEIPRNNNNNNNNIMVEGQENNNQLDEWSSQVDTQCCPSYLFWDQENGSIIGGDHEINID  
PTTSNNMGQILSSFPSSL

>CcMYB45 |Locus\_ID=BC332\_08924 |Protein\_ID=PHU23817.1 |Protein\_len=332 |  
chr03:247287194-247288480 |strand= -  
MGRHSCGVKQKLKRLWSPEEDEKLSNYITNFGIGSWSSVPKQAGLQRCGKSCRLRWINYLRPDLKRGMSQDEEDRILG  
LHQVLGNRWAQIAAQLPGRTDNEIKNYWNSLKKKLMKQIDPNTHKPLRENQVIKDEENCTNKTSMFEVPFLNEMDQPF  
TQLASSKDQYVSKQVFDLLFAHEFQSNENNSQTLAQYHDHHHQSEYEENPNYVFCASSVSKLEHGQMTDQDFASSSTSR  
MSSSNSSNMCSNQNTARIRTENSEALSWDVENKMESLFQYPYIGIKNEELRSSPSQERELYGHSSGDFMSNYPLSSLTEE  
LSGANLDVFKQI

>CcMYB46 |Locus\_ID=BC332\_16679 |Protein\_ID=PHU15474.1 |Protein\_len=320 |  
chr06:222540301-222541966 |strand= -  
MGRHSVYVKEKLRRGLWSPDEDEKLYNYITRFGVGCWSSVPKLSGLQRCGKSCRLRWINYLRPDLKRGTFSLSEEDMIIT  
LHEVLGNRWAQIAAKLPGRTDNEIKNYWNSYLKKKLIKQIDPNTHKPLSENHQVRNDTNCTDKASMLLMSTFPNMSNSV  
EIEQPFHFNKIRIFNSEAITRQLTEVSRNQLVSKQVDFPLFLYDFQANMNPIGPYDGNQDFGICSMPLNTNFEHGHMTESD  
FSDSSTRMSTSNRTNTMIRHHSSAGIHQMNEMLENSQELTWDADNKIDSLFEYPYDGIKNEEDFSNNNNNNNNPLSSLL

>CcMYB47 |Locus\_ID=BC332\_22066 |Protein\_ID=PHU10206.1 |Protein\_len=420 |  
chr08:183068022-183069543 |strand= -  
MGRHSCCYKQKLKRLWSPEEDEKLKIHITKFGHGCWSSVPKLAGLQRCGKSCRLRWINYLRPDLKRGTFSSQDEENLIIE  
LHAYLGNKWSQIAARLPGRTDNEIKNLWNSIKKKLRQRGIDPNTHKPLSEVESEEKASANSNNKNNDKVSESSNNEFNF  
VEAHENGFTSTEKGINMERYPLIDHQANNIAPPTHEFFTANCKSPDLSSYLSFHNYSPNTNILFNTKNSSADNMVSDHHQ  
FNCSTLPNATFSTMSNSILSTSPLARTFNINKFQNWEEACTISSNGSNSSNGSSNSIELQSNCSFFDNSNAAAAAFTWGS  
TAAAAAADGSGKQEREEIKWSEYMQTPFSLGVNNTIQQNHHEISPHHQDLYDGETKSETQFMTHGTWLQNQTPQTSLQT  
ADLYSNNNFQRLPAVFGQFS

>CcMYB48 |Locus\_ID=BC332\_25434 |Protein\_ID=PHU04612.1 |Protein\_len=222 |  
chr10:61725009-61726632 |strand= +  
MAQEEIMRRGPWTEEDLQLVFYVKLFGDRRWDFLAKVSGLKRTGKSCRLRWVNYLNPDLKRGKMTPEERVVLELHSKW  
GNRWSRIARKIPGRTDNEIKNYWRTHMRKKAQEQRKSSISPSSFSNSSYSSSISHEENERNFYDTGGLELLKAEGEMK  
SSDQEQGGESMKIYSMDIWKDIELLEENEETTNPIMPISISPLWDYSLDSLWKDFDWSSFR

>CcMYB49 |Locus\_ID=BC332\_11766 |Protein\_ID=PHU20615.1 |Protein\_len=330 |  
chr04:220728386-220729916 |strand= +  
MGRAPCCDKNNVKRGPWSPEEDAKLSYIEQNGTGGNWIALPQKIGLKRCGKSCRLRWLNLYLRPNIKHGGFSDEEDRIIC  
SLYISIGSRWSIIAQLPGRTDNDIKNYWNTKLKKKLFQKQKQKQSRKGKEIKSMSSISTSNLNQNPCWPELQPLPYS  
NNEPRFINNDHTSIRKLLIKLGKFSENDQLTNVVPNSHEYPIDNSSSMQLMYQDHINLISSAPIDHNVFNITAPNIDLY  
NMDGAASNFTAEFEHMINTSQKIDGLEFLYENLVIDKFTSTSGGNLDWESMNPYVLPPIVASSDGGFQQGVIFQQA  
LDELRYPMVQ

>CcMYB5-1 |Locus\_ID=BC332\_08856 |Protein\_ID=PHU23749.1 |Protein\_len=185 |  
chr03:246216986-246219064 |strand= -  
MGEAPSYCSLKNYDSKNEHDHYKQIVGCFDEDFHDMKKDLWTEEDRILIEAHAEIGNKWAEIAKRLTGRTEHSIKNHWNA  
TKRRQFTRRKCRWKWCSPSSILQNYIKSLNFEKGNNSAPKIEPIDQVQPADNYDFGEFDLEDKLFDDLENVPNYCELAQ  
LIMQDAEVNKEVDLMDFISPNENV

>CcMYB5-2 |Locus\_ID=BC332\_08857 |Protein\_ID=PHU23750.1 |Protein\_len=228 |  
chr03:246226646-246227429 |strand= -  
MDFDPSSKQDVFCITPTDYLHDFHHLDTFSLAGGPLTFNTNPDHMIEMDSGYEHPLFDPLSNHGDNFSSMGQDFNFGYE  
FKPFEQNGNASGSTLFMKNFESSTDMKSINFNVVRDESSCVTSTIENNGTNNVYNDKEIGGKKNKKLIKSNDIKSSSSSS  
MRKSGRGRTRKKSASAKDQWTIEEDRILINLVEKFGDRKWEIAKMLKGRIGKQCRERWNNHLRPDIKV

>CcMYB50 |Locus\_ID=BC332\_17980 |Protein\_ID=PHU11050.1 |Protein\_len=342 |  
chr07:6396306-6398866 |strand= -  
MGRAPCCDKANVKKGPWSPEEDAKLKAYIEENG TGNNWIALPQKIGLKRCGKSCRLRWLN YLRPNIKHGGFTEEDNIIC  
SLYISIGSRWSIIAAQLPGR TDNDIKNYWNTLKKKLLGKRKQSQMNRLLLANGGQDLKELNGLEENPLLQNLNSALER  
LQLHMQLTLTNPLSFYNNPSLWPKLTPLQQKMIQTLQVNGLNEDQPPLYAPINPSENHAQELGQKVG MNEFASTNFKVN  
DQVEKSSPIDVLD TNVGQENTRDQIQIQGVQGFQTLEIDDLILSNKGSIGMMNMFEDLAWWSNEFD TNRASASNSWGSS  
SNILQNTHDEMYQDYALGYNLQ

>CcMYB51 |Locus\_ID=BC332\_22966 |Protein\_ID=PHU06477.1 |Protein\_len=274 |  
chr09:5574868-5577256 |strand= +  
MGRAPCCDKANVKKGPWSPEEDAKLKEYIDKFGTGGNWIALPQKAGLKRCGKSCRLRWLN YLRPNIKHGEFSDEEDRVIC  
SLYANIGSRWSIIAAQLPGR TDNDIKNYWNTLKKKLMGFVSSSHKIKPLNHHHYQH QIPTNYNNYSPQISLFTSSL  
LISSNYNTNTNTTTFPCYDINAPISNFLSNGASTSCTSGITTSTFQENNFVGPTATSSDES YGVSNLDFRTYMYNNGVIG  
EEGEDQGN SKFLISGNNDGGGCYVDEQQNPLDYS

>CcMYB52 |Locus\_ID=BC332\_17052 |Protein\_ID=PHU15847.1 |Protein\_len=333 |  
chr06:230366114-230369066 |strand= -  
MGRAPCCDKNNVKG PWSPEEDAKLKEFIDKYGTGGNWIALPQKAGLKRCGKSCRLRWLN YLRPNIKHGFDSDEEDRIIC  
SLYANIGSRWSIIAAQLPGR TDNDIKNYWNTLKKKLMGF IHTSSNQRIKSPNLFPP TTFPPQIQSQAISNIFKDEYLE  
PISSLQPNFMYHNNNMNFQLGTNNQYSYFLES LMNPMQASCSSSDGSCSQIPRSNFEETQKFTLDNYGNNGGTWADHDQK  
PDGYFGNNHQNHSSQFYDTSNIEEVKELISSSSSNGNGCNNNSNVLFFSDENKANIGAVPALTRGRGFDPEYGENSVGS  
AATLMGPVKRNP

>CcMYB53 |Locus\_ID=BC332\_05620 |Protein\_ID=PHU27288.1 |Protein\_len=330 |  
chr02:160525726-160527115 |strand= +  
MGRAPCCDKANVKG PWSPEEDSKLKAYIEQHGTGGNWITLPQKVGLKRCGKSCRLRWLN YLRPNIKHGEFTDEEDTIIC  
TLYMSIGSRWSIIAAQLPGR TDNDIKNYWNTLKKKLLCNKQRKDRPRTGYNHNKVDMMEQEDFFATHQTNNAYSW  
SPQQILFSTLIAPQNH DVAECSANSHNFQYSSTDQAYFSQDQLCQISSTNHLASMPVNGATCNSSMMVSSGAYYPSNGF  
CNGGLQEYNNYISVGLDHDVLNSTSTAHSQQVDKSVLEMVNSSTISTTSQDQSTSWEELSPLVNYPPSVFETVSPYYVFE  
EPRYLGLLKQ

>CcMYB54 |Locus\_ID=BC332\_24646 |Protein\_ID=PHU08157.1 |Protein\_len=268 |  
chr09:255698513-255701462 |strand= -  
MGRAPCCDKTKVKRG PWSPEEDNILKNFLEKNGTGGNWIALPQKAGLRRCGKSCRLRWLN YLRPDIKHGGFTEEDNIIL  
NLNYQIGSRWSVIAANLQGR TDNDVKNYWNTLKKKLLASQNTNIISTNNINSSDFNHINYSRNY YGTLDYSNTFTSHM  
DPNLTNYSNNCDQCP LPSLVEIQENDATIQSSESCILQKCATLKESDTHPSTFLQNPNNIGYNY YDDILENGFDFQEN  
AIGGANPNSSYYNNILEIDDQLFKGFEN

>CcMYB55 |Locus\_ID=BC332\_07302 |Protein\_ID=PHU22195.1 |Protein\_len=100 |  
chr03:51100152-51101088 |strand= +  
MGRTPCCDKTKVKRG QWSPEEDEILKNYMLKHGTAGSWITLPHKAGLNRC SKSCRLRWLN YLRPDIKLGKFTQEEDNIIH  
SLYSQLGSRLNLALQPLFIS

>CcMYB56 |Locus\_ID=BC332\_24914 |Protein\_ID=PHU04092.1 |Protein\_len=340 |  
chr10:3706345-3710034 |strand= +  
MGRIPCCEKDNVKG RQWTPPEEDHKLSSYIAQHGTRNWRLIPKNAGLQRCGKSCRLRW TNYLRPDLKHGQFSEAEETIVT  
LHSV LGNRWSVIAAQLPGR TDNDVKNHWNTLKKKRLSGMGIDPVTHKPF SHLISEIATTLSPQVPHLAEALGCFKDEM  
LHLLTKKRIGFQFHQQFPNNAPSTSHVKNEENDTVEKIKYGLSRAIKGSDKNWETNGGATSSSFHDNGGYSNYNFANLLN  
DEDGSPWNQSLCSGSTCTAGGELQQQQQQQRNKKTSNGNCEDSGKEVVTTRNGSTTTMFNSDCVLWDISSDDL MNPMVLR  
GSSQGERKLTETPESFKKSL

>CcMYB57 |Locus\_ID=BC332\_10902 |Protein\_ID=PHU19751.1 |Protein\_len=332 |  
chr04:104210982-104213348 |strand= -  
MGRPPCCDKANVKG PWTAEEDAKILAYVASHGIGNWTLVPQKAGLNRCGKSCRLRW TNYLRPDLKHDNFTSLEE ECILE  
LHKTIGSRWSLIAKRLPGR TDNDVKNYWNTLKKKLVNMGIDPVTHKPF AQVFAEYGKISGLPIQAKNHIHL PNNTTEK  
NHVCMESKQFPFSNGTPHDKFVHKIMNDQLQENYTKNYTWSKETLQTHSSLLISTSTSCNPTVHSYSPSFSSVQS QVHT  
MPASTSTCNWNEFIFGDPFTSSGAEQKETFLSNLLQKENPTCGEVTEVEEKQLVEEATCSSAMDSFVDTILANEKQMLM  
DFPPLLDVYLDY

>CcMYB59 |Locus\_ID=BC332\_07716 |Protein\_ID=PHU22609.1 |Protein\_len=250 |  
chr03:147200400-147201445 |strand= -  
MEVIIIKGAWSPDEDQKLKSYIMRYGIWNWNLMPKFAGLSRTGKSCRLRWMNYLRPEVKRGPFTIEETETVIKMYQELG

NRWAAIARRLPGRTDNEVKNFFHHLKHLGLKIDQNASVKLCKAVRRKRVLKTKKSDKKNLAQEKPVLYLDISGTSSN  
KSSFTISPSGSSSSSSSIITIDQNQMTDIHVDQPNSSIIDDMETTVLILESNPAISTHHDQSLDLSIDSLYQFDTSSFWLH  
LLNDAHRLIF

>CcMYB6 |Locus\_ID=BC332\_16696 |Protein\_ID=PHU15491.1 |Protein\_len=427 |  
chr06:222783269-222786007 |strand= -  
MELDQSNQNLSTHQPFFMPNNILKPEIDDDFCIDSKDYLLKDFEHLDLNFSNTTFNNFSQNFMIDDDTNGTTYHDPFD  
PFSNIEDNFSSLGDFNFSSHELTPFDQENGESGGSKVMKNFHDDEFMKPNLNFVNPDDQSSCVTGDNNLSSSIKKKL  
GRGRSKSSKSSKGQWTIEEDRLLIHLVEKFGIRKWSQIAQMLKGRIGKQCRERWHNHLRPDIKKDFWTEEDRILIEAH  
GEVGNKWAEIAKKLPGRTENSINKHWNATKRRQFSRRKCRTKWPRPSSLLQNYIKSLNLEKGSTKKDTNPNGRMEYTG  
SV  
AENRNENLANRPKRHANIAKVKVSPLKLEAIEFCQDNNAGDFDLSEVPEFALGDNFFDENKSMDAFMEEINPNVGT  
SIMP  
C  
NYEMPTLMMQGEVNKEIDLIEMISRVN

>CcMYB60-1 |Locus\_ID=BC332\_03169 |Protein\_ID=PHU24837.1 |Protein\_len=200 |  
chr02:214943-215803 |strand= +  
MFSKSPELWSHVAVGLSRTGKSCRLRWMNYLHPDVKRGPFTEEVETVIKTYQELGSRWSAIATKLPGRDTEVK  
NFFHT  
HLKKHLGLKNYDAQLKTRKGHKQTQENEKENSTQGRVLLETINSSSSSLSPDVCSPCSSITCKENQMMDQFTN  
FSLVVDQ  
QVSHVENTNIQSCFIPGGSTFSTFDQDMNSFWFDVLGNF

>CcMYB60-2 |Locus\_ID=BC332\_07717 |Protein\_ID=PHU22610.1 |Protein\_len=197 |  
chr03:147870740-147871891 |strand= +  
MLRVPQQQQKGLSRTGKSCRLRWMNYLHPDVKRGPFTEEVETVIKTYQELGSRWSAIATKLPGRDTEVK  
NFFHT  
HLKHLGLKNYDAQLKTRKGHKQTQENEKENSTQGRVLLETINSSSSSLSPDVCSPCSSITCKENQMTDQFTN  
FSLVVDQ  
QVSHVENTNIQSCFIPGGSTFSTFDQDMNSFWFDVLGNF

>CcMYB61 |Locus\_ID=BC332\_19187 |Protein\_ID=PHU12257.1 |Protein\_len=229 |  
chr07:200204999-200206373 |strand= +  
MVRTPIIDKNGIKRGAWEDEDNKLRAYVERFGHPNWRQLPKYAGLMRCGKSCRLRWMNHLRPLKKGNYR  
LEEEQL  
IIK  
LHKELGNRWSVIAANLPGRSDNDVKNHWHHLKRVRLTNCINNSSSMSMEQFTESTQSGSSQLDERSAS  
MNVV  
VDT  
SPTL  
LPISFPEVSSSDLYSITDWIEEESMEQLPILSSMELLAADTFSWTNYPIDNFQTESFDHFWTQPFDTFF

>CcMYB63 |Locus\_ID=BC332\_19183 |Protein\_ID=PHU12253.1 |Protein\_len=247 |  
chr07:199344861-199346752 |strand= -  
MVRTPCDENGRRKGTWTPEDRKLAAAYITEYGSWNWRQLPKYAGLERCGKSCRLRWLNLYLRPNVKR  
GNYTE  
EEDE  
IILN  
LHAQLGNKWSAIAAHLPGSDNEIKNHWHHTALKKRANNSGESSKKCNSKNIRRTSVANKNASPSTSHEN  
IVLE  
SSQWS  
PKESSEDDFFSYSNTDYQECHKVFQEQALDEITSGSFWTEPFLVESFNTTGTDFLAPPIDYCGLVCP  
PSPFI  
GHEFL  
SSSF  
DFDHFNY

>CcMYB64 |Locus\_ID=BC332\_19182 |Protein\_ID=PHU12252.1 |Protein\_len=137 |  
chr07:199271585-199272584 |strand= -  
MVRTPCHDEKGRKGTWTPEDRKLAAAYITKYGSWNWRQLPKYAGLARCCKSCRLRWMNLYLRPNVKR  
GNYT  
KEDE  
IILN  
LHAQLGNKWSAIAVHLPGRSDNEIKNHWHHTALKKRANYVSTSSDVSSKKSNNKKNSG

>CcMYB65 |Locus\_ID=BC332\_19186 |Protein\_ID=PHU12256.1 |Protein\_len=248 |  
chr07:199992922-199998903 |strand= -  
LARCCKSCRLRWMNHLSPNVKRGNYTKEEDEIILNLHAQLGNKWSAIAAHLPGSDNEIKNHWHHTL  
KKHAT  
NATN  
SSS  
DKSSKKCSNNKNKNTKSNASKDASPNNNMHENVILESEWSPKESLSDQELISSDSTSVQNDVQNDV  
FQEN  
LVEIT  
SGSF  
W  
TEPFVVEFNSPRIDFLGPPSIDYGLVCPSPFIGEGFVSSFDLDDYNCGRIVEEAEDGKKQHTKKKEK  
TKKM  
NRKKK  
KKK  
KQTKKMWS

>CcMYB67-1 |Locus\_ID=BC332\_06786 |Protein\_ID=PHU21679.1 |Protein\_len=278 |  
chr03:18458084-18460142 |strand= +  
MVRAPCCEKMGKKGPWTPEDQILVSYIQANGHGNWRALPKLAGLLRCGKSCRLRWNTNYLRPDIKR  
GNFT  
TREE  
DSII  
Q  
LHEMLGNRWSAIAARLPGRTDNEIKNVWHTLKKRLKNYQAPENSKRHCKKNIDSKAPSTSQITLK  
SSHNF  
SNIKE  
GING  
PDPNSPQLSSSEASTVTADSESVMTMGVTNGGDQMSYENFIPEIDESFWTDDLSTADNSSFDMAIS  
GGEEL  
QGQFP  
FY  
DMKQESVELDVGAKLEDDMDFWYNVFIKSGDLLELPEF

>CcMYB67-2 |Locus\_ID=BC332\_10106 |Protein\_ID=PHU18955.1 |Protein\_len=110 |  
chr04:4180528-4182538 |strand= +  
MVRAPCCDKTGLRKGPWAFEDQILISYIQKYGHGNWRALPKQAVVTSDSSSSIIAFGVTIDNTIAV  
KLEES  
DSSE  
YLTE  
IDESFRDDEDDMDFLNFFFIKAEDFSELPEL

>CcMYB68 |Locus\_ID=BC332\_15553 |Protein\_ID=PHU14348.1 |Protein\_len=280 |  
chr06:140486325-140491524 |strand= -  
MGRAPCCEKMLKKGPWSPQEDNILISYIQNNGHSNWRALPKLAGLLRCGKSCRLRWTNYLRPDIKRGNFSKEEEDTIIQ  
LHENLGNRWSAIAARLSGRTDNEIKNVWHTHLKKLKNYQPPQNSKRHFKTNHDSKKGPTTESSNNSDFSTSANNTNTHK  
KHKMIAPNSPVLSSSEMSTVTLVDDRQRVIIKEEKIESPLEYFPKIDESFWTEELSAEKNNDNDYVMAAGLDQDIQAQI  
QLSSVKEENLDNTSTKMEEDMDFWYNVFIKTGDFLELPEF

>CcMYB69 |Locus\_ID=BC332\_17589 |Protein\_ID=PHU16384.1 |Protein\_len=283 |  
chr06:247867460-247869081 |strand= -  
MGRTPCCEKLGLKRGWSKEEDLLINYINKNGHPNWRALPKLAGLLRCGKSCRLRWTNYLKPDIKRGNFTNEEEDTIIK  
LHQVLGNRWSTIAARLPGRTDNEIKNIWHTRLKKKISKSHAQKIPELQEETSMETSKSDEQNLDTLHLEPENSNDIHLES  
DNSKDNCIEISSPKTNNEIQQSSSSVHSSSSISSSEDACSNTTATSPEPRDQFMLDNLVEIDDDFSDVLWTTVDDSNY  
NDNNFDLPLMEDNYQINPSLNDNWFWDLLFTRSNELMLELSEF

>CcMYB7 |Locus\_ID=BC332\_17369 |Protein\_ID=PHU16164.1 |Protein\_len=341 |  
chr06:244058071-244059809 |strand= +  
KLLRLVKQFGVRKWAQIAEKMGARAGKQCRERWHNHLRPDIKKDWTSEEEELLVELHKLGNKWAIEAKRIPGRTENAI  
KNHWNATKRRQNSRRNKNKKTQADGTQCENKSHRSTVLQDYIRSKYFMNDDNSPLTATLYYGGGTASGGGYSPSTTTF  
IGSTSNATNATPTYSDDDSPYLITHQTYDEEMNFMQSLFGNSNNGTKVMGMTMETNVVTQDLLDKSSSSSSFLNSSGE  
IPLAECNVESYTTTKRVIADNNARNYIPDYSQYYPQDLYLSRLLDGSLVPNYSDFECGSMNNQAGCSSSGGNIKEVDLM  
EMMNSTNSQFSQPGTFNKTF

>CcMYB70 |Locus\_ID=BC332\_14283 |Protein\_ID=PHU18588.1 |Protein\_len=147 |  
chr05:232898517-232898960 |strand= -  
MFFFFRWSAIASRLPGRTDNEIKNFWHTHLKKRLEQHNIDLASTTTTKQNHMETTNVTQNIIDHHIISPNNYQDSQNMVTY  
HPTYCHDHQEDFQENSSSHDHTQSNKEEIMQYSTNYGHEDMTSFNNDMVFWYNVFMSSGNNPSEIS

>CcMYB71 |Locus\_ID=BC332\_24933 |Protein\_ID=PHU04111.1 |Protein\_len=225 |  
chr10:3918996-3919985 |strand= +  
MGKGRRSCCDKSEVKKGPWTPEEDLKLISFIQKHGHGNWRALPKQAGLVRGKSCRLRWINYLRPDVKRGNFTSQEEDTI  
INLHRSFGNRWSKIASHLPGRTDNEIKNVWNTHLKKRLLLMKKEEHNSPSTPTCSSTTLGFCSTSSKANDQVIDFWEY  
MLDTSNPTSINNLDHFDSSYSKQDTTSTNTEHHQPQMADEYECQKWLTYLEIELGLTTNEAQHQIK

>CcMYB72 |Locus\_ID=BC332\_20160 |Protein\_ID=PHU13230.1 |Protein\_len=295 |  
chr07:233361071-233362589 |strand= -  
MMGKGRAPCCDKSKVKKGPWSSEEDIRLIAFIQKHGHQNWRSPLKQAGLLRCGKSCRLRWINYLRPDVKRGNFTPQEEET  
IIKLHQSFNGKWSRIASHLPGRTDNEIKNVWNTHLKKRLMKRLHGDKAKLDGTCANSQSSSSSTSVVSHTDDTSNEGKFK  
NVDANMIENATKEEEATKSCSPTSSYASNLSQVHEASSPNNVMDWIFQFSEEPFPSTTARKVHDDDDGEIIEIPLECD  
VDFWDMLDIMGSPPPPPPPNSESCLDHHSEASCQGLSEFERQKWFTYFERELGV

>CcMYB73 |Locus\_ID=BC332\_21478 |Protein\_ID=PHU09618.1 |Protein\_len=310 |  
chr08:169412994-169415439 |strand= +  
MGRTPCCDKNGLTRGPWTPEEDEKLVEFINKNHGHSWRSPLPKLAGLLRCGKSCRLRWTNYLRPDIKRGPFSPPEQKLVIQ  
LHGILGNRWAAIASQLPGRTDNEIKNLWNTHLKRLLSMGIDPQTHEHSDPNGLVRRPATSSLARHLAQWESARLEAEA  
RLSRESQFLVPSSVGRSETDYFLRIWNSEIGESFRKFKKGEKSACHSPASQASSCTKYGSAGITTEVEIGVAGSPVTGS  
NQNECMEWKIGQPYTEDFLQGADTCSSNAMDEDSSESALQLLLDFPSNNDMSFLGHSDSYSLYPFLSESY

>CcMYB74 |Locus\_ID=BC332\_00519 |Protein\_ID=PHU28426.1 |Protein\_len=277 |  
chr01:9886795-9888950 |strand= -  
MGRQPCCDKLGVKKGPWTTEEDKKLINFILTNQCCWRAVPKLAGLRRCGKSCRLRWTNYLRPDLKRGLLSDAEEMKVID  
LHARLGNRWSKIAARLPGRTDNEIKNHWNTHIKKLLKMGIDPVTHEPLIKEENPTDQPIQESDQNKNNHDHQVVVVVTAG  
ATSSELDNSSTSSSSASSSENSCNESKLVDLTFKENDPLLSCLEADDAPPLIDSSWELPVKSFDNNNNMTSSWDDSFN  
WLFDCQDFGIHDFGDFDNCFNDELEVNTIYDMENKK

>CcMYB75 |Locus\_ID=BC332\_12501 |Protein\_ID=PHU16806.1 |Protein\_len=319 |  
chr05:4827474-4829916 |strand= -  
MGRQPCCDKNGVKKGPWSSEEDKKLINFILNNGQCCWRSPLPKLAGLLRCGKSCRLRWTNYLRPDVKRGLLSEYEEMKVID  
LHAQLGNRWSKIASHLPGRTDNEIKNHWNTHIKKLLKMGIDPITHKPITSDQPTYDQPIIQEKQTLIAPPSQTDLNRQ  
GNENTGTCPKNIKTTTTATTTTAVAMPSETNLDQRQENKNVGTCPRIKTTTTTTTTVVTQSETNLDQKVPLIPPTEILI  
PYESTTSSTSSSFSSQSSMILEDLKLFPNFDNWQSDFNMEINWTNDDFSSTLDYLLNDDDISDMNNTTISQDWSQVLEV

>CcMYB76 |Locus\_ID=BC332\_29469 |Protein\_ID=PHT99681.1 |Protein\_len=303 |

chr12:6595886-6597904 |strand= +  
MGRQPCCDKVGLKKGWPTTEEDKKLIHFILNNGQCCWRAVPKLAGLLRCGKSCRLRWTNYLRPDLKRGLLSEYEEKMVID  
LHAQLGNRWSKIASHLPGRTDNEIKNHWNTTHIKKKLKKMGIDPVTHKSLSTITNDQTNILEQENQPIQQEKVEDQSTMIE  
IKAEDDNNNSNNNNNSNDNNTMETSCANNFNSTIVEVNNNGFGIDEVPLIEPHEMLVQELSSTPSTSSSSSSSFSSSSSSN  
ILEDLKLFLPSFDEWPLMENNMMGFWEINNDFTSTLDFLLEDDHSDMMNNVTFDESWKFEQLL

>CcMYB77 |Locus\_ID=BC332\_06135 |Protein\_ID=PHU27803.1 |Protein\_len=255 |  
chr02:168560272-168561366 |strand= -  
MGRQPCCDRVGLKRGWPTIEEDHKLHVFILSNGIQCWRTVPKLAGLQRCGKSCRLRWINYLRPDLKRGALSEAEEDQIIQ  
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SLPNNPHHNMLSDFSFVNDLWNKSGNTMSTCYSPLSISLEAESINLSTTTSAATESSSNVAALTEEQDSLQQWMDSIFSCA  
VNQLEEDLIFLRKYN

>CcMYB78 |Locus\_ID=BC332\_28218 |Protein\_ID=PHU02967.1 |Protein\_len=224 |  
chr11:103211038-103212268 |strand= +  
MGRQPCCDKIGLKRGPWKIEEDHKLMNFILNNGIQCWRLVPKLAGLMRCGKSCRLRWINYLRPDLKRGALTEAEEDIIK  
LHSHLGNRWSKIAAHFPGRTDNEIKNHWNTTRIKKKLKLGLIDPLTHKPIEQNDQKQVSVEIDENVKELAEKTLDYPRE  
QQNIQNSTSSSSLNESLDMGSSEIFQNSHTLDMYNPVGVEDPFQNWIGSPIHWDLFDNLEDNFL

>CcMYB79 |Locus\_ID=BC332\_10962 |Protein\_ID=PHU19811.1 |Protein\_len=347 |  
chr04:124481192-124482690 |strand= -  
MGRSPCCDENGKKGWPTPEEDQKLVDYIDKHGHSWRALPKLSGLNRCGKSCRLRWTNYLRPDIKRGKFSEEEEQTILH  
LHSILGNKWSAIATHLPGRTDNEIKNFWNTHLKKKLIQMGYDPMTHRPRTDLFASLPNIIALANLLQHHPLEDQAIRLQA  
EAAQIAKIYQLQFLQSSNNNYPPIPTTSSNTQYYNNGDIGAFNLTNFVKENSTTSLNLSNLENQTLFSNETGSQLL  
HNPNTQQVPFNFQTHLNNNNNNMSDIDGNNFNFDFLEDNSPSSPLNNTIIPSPSSSHLPHLTEISISNNNQDSSCNS  
SNNVADQGTSSSYWPELFFEEHFMHDI

>CcMYB8 |Locus\_ID=BC332\_08524 |Protein\_ID=PHU23417.1 |Protein\_len=248 |  
chr03:237317481-237320769 |strand= -  
MCSRGHWRPHDEKLKELVAKYGPHNWNIAENLQGRSGKSCRLRWYNQLDPRINRSPFTEEEERLLSSHRIHGHRWAM  
IARLFPGRTDNAVKNHWHVIMSRRCRERSKIYSNRASAAAAAQKSTDQQDNINNIQDMMIRKRSSNNFIDHQQLLERYSN  
CYQFSSYDHNSFYPTFEHFNHLPRHFKMDNQEKEEVECYDFLQVNNTAGSNKSEVIDQEVEQKRDISPQSKKAPVRFID  
FLSVGDSS

>CcMYB80 |Locus\_ID=BC332\_13875 |Protein\_ID=PHU18180.1 |Protein\_len=351 |  
chr05:217058715-217061169 |strand= +  
MGRSPCCDESLKKGWPTPEEDQKLTYINKNGHGSWRALPKHAGLNRCGKSCRLRWSNYLRPDIKRGKFSQEEEQTILN  
LHAVLGNKWSAIATHLPGRTDNEIKNFWNTHLKKKLIQMGYDPMTHRPRTDIFNSLQHLIALANLKEIEHNHSWEEQVM  
RLHYLQNLQPHNNNISTLSAIQNVEANYNLLNSLKDSQFLDSNSHLGNHIVHQIPSSLDQPIQNSIPFSHLTELHTPC  
SFQTSLNKDKVPPQDIEFTVMSHEETSPASSWLPLSPSLPPPPPPVSNNQRRKENSSEVVISSCLPEDMKVLDNFFQQD  
SEQLSNEGAPPSIWSDLPLEDSFFQGLDKF

>CcMYB81 |Locus\_ID=BC332\_00728 |Protein\_ID=PHU28635.1 |Protein\_len=299 |  
chr01:16594255-16596304 |strand= -  
MGRYPCCCKLENDLKKGPWTSEDEKLVEYIQENGHNWQLVPKRAGLNRCGKSCRLRWTNYLRPDIKRGAFSNEEEETII  
NLHSLLGKWSRIAARLPGRTDNEIKNLWNTHLKKKLLKSGIDPVTHQPIDPNLLLSLNLMPFESALRLQAEFTEIA  
KIHILQNIQVLNTPALPLISLQENYPMQFYNNILAPFDQILANEPSISKNLSDNMVVNSSILENNMINNGYSKVCE  
VDNSEYSSLPSTITPENSVPFDQKIDIINPSYDDFEALEKSLDDDFWKDISSTMQFV

>CcMYB82 |Locus\_ID=BC332\_00729 |Protein\_ID=PHU28636.1 |Protein\_len=215 |  
chr01:16770190-16771372 |strand= -  
MGRYPCKFVDEDLKKGPWTPDEDKLMDYITNNGHTNWQLIPKKAGLNRCGKSCRLRWTNYLRPDIKRGAFSFEETIIII  
SLHSLGNKWSRIASHLPGRTDNEIKNFYNTHLRKKLLRLGIDPRTHKPIDLNFLINLSHQFPSKHNLFINNPLAYALK  
LQAQVTEIAKLQQLLDLYAPINTNIPLPSNFQENNFATSSSHVITTNVSTNTH

>CcMYB83 |Locus\_ID=BC332\_19190 |Protein\_ID=PHU12260.1 |Protein\_len=337 |  
chr07:200612980-200614206 |strand= +  
MGRSPCCDKNGLKKGWPTPEEDNKLIQYIQLHGPGNWRTL PKNAGLQRCGKSCRLRWTNYLRPDIKRGKFSFDEETIIQ  
LHSV LGNKWSAIAARLPGRTDNEIKNYWNTHIRKRLLRNGIDPVTHSPRLDLLDLSSLLNSTQFNLSSLLGLQALINPEV  
FRLATTL LASHNESSPELLLQKLQENNQMFNSQLQNGEGSELLLQKLQQNQLLNAQVQNQPQFFQYQYQNIQEI PNFTTT  
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NLMKFEIPESLNFDDFM

>CcMYB84 |Locus\_ID=BC332\_25152 |Protein\_ID=PHU04330.1 |Protein\_len=329 |  
chr10:12669439-12671617 |strand= +  
MGRTPCCDKNGLKKGWPTPEEDQKLIQYIQVHGPNGWRNLPKNAGLQRCGKSCRLRWTNYLRPDIRRGFSFEEEEETIIQ  
LHSLGNKWSAIAERLPGRTDNEIKNYWNTHIRKRLRMGIDPVTHSPRLDLDLSSILNPSFYNNSSSLHQMNLRLG  
FKLANSILLSQTHENQELSLQNSQGPPELLQKLQONQLLNQSSIFQHNDQLHNQISKIPNYTPQNVSSSSSSQSIQGN  
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ESLDFDILL

>CcMYB85 |Locus\_ID=BC332\_04760 |Protein\_ID=PHU26428.1 |Protein\_len=381 |  
chr02:144150965-144152416 |strand= +  
MGRAPCCDKNGLKKGWPTPEEDQKLIDYIQKHGYNWRTL PKNAGLQRCGKSCRLRWTNYLRPDIKRGFSFEEEEETIIQ  
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HVQPLVNPEVLRATSLSSQRQNTNNSFMIPNNHQENQICQNQLPQMVSQIQAPIQDYPTCTTLSTTPCVPFSSHEA  
QLMQPPTTNMEGFSSKLENFSNSTSCQVNDQWQLSNGMPTSNLTDYFPLQNYGYDPLPSDGSTLIQSNDNNNNNFSF  
QSTVLSNLSTPSSSPTPLDSNSTYFNNSSSTTTEDERDSYCSNMLNFDNIPNIWDTTNEFM

>CcMYB86 |Locus\_ID=BC332\_25248 |Protein\_ID=PHU04426.1 |Protein\_len=321 |  
chr10:22814177-22815897 |strand= +  
MGRTPCCDKNGLKKGWPTTEEDQRLIDYIQKHGSGNWRTPKNAGLQRCGKSCRLRWTNYLRPDIKRGKFSFEEEEETIIH  
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QSLVNPELLKLANSLLSNHQNFLLGSNFQENQPFNSHVQNQLTSLCQANQIQNPQNTSTCSDLNQSVPFYSDTQV  
MQQPNEQLSSNVSTFSSQNSQNEWKNFTFDSALPNLSTPSSSPTSLNSNSTTSEEERESYCSMLNFDIPNILDVNEL  
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>CcMYB87 |Locus\_ID=BC332\_06008 |Protein\_ID=PHU27676.1 |Protein\_len=415 |  
chr02:166597434-166599474 |strand= -  
MGRSPCCDKVGLKKGWPTPEEDQKLLAYIEEHGHSWRALPAKAGLQRCGKSCRLRWTNYLRPDIKRGKFTLQEEQTIIQ  
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ARLARQSKLRSSSFHSSITSQEFTAPSPSSPLSKPVVGPTRCLDVLKAWNGVWTKPMNDVSVANASAGISVTGLARDLES  
PTSTLGYFENAQHISTSGIGGNSTILYEFVGNSSGSSEGGIMNEESEEDWKGFGNSSTGHLPEYNKDGINENSLSFTSG  
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FNLVNNPSPSDSAMF

>CcMYB89 |Locus\_ID=BC332\_01852 |Protein\_ID=PHU29759.1 |Protein\_len=335 |  
chr01:102126900-102129773 |strand= +  
MGRSPCCEKVGLKKGWTPQEDQKLTYYIEKHGCGSWRALPTKAGLKRCGKSCRLRWINYLRPDIKRGKFSLQEEQTIIQ  
LHALLGNRWSAIAATHLANRTDNEIKNYWNTHLKKRLTKMGIDPNTHKPRSNGFSANLSHMAQWENARLEAEARLVRESKK  
QEEIILINNINNNYNIHFGTNNLGTKNVLLPLQTKLPSLPCLDVLKAWEGGANWSNRPKIKKEKFFDNFPTSSTLSN  
NNLLLMPVSNNNNNNILGAGLVNTCLVGAGSFLGNNINEISSYSSYPCLNDIQGFTQLESVVGSCQDDYDNDNNYWN  
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>CcMYB9 |Locus\_ID=BC332\_26517 |Protein\_ID=PHU05695.1 |Protein\_len=344 |  
chr10:217396241-217398481 |strand= +  
MNFLVPCVEQSPWSFNHEENLRKLKDEIEEENLVDMMKNNNNNNNGGKICVRGHWPHEDSKLRELVAQYGPQNNLIE  
KLDGRSGKSCRLRWFNQLDPRINRMASFEEEEERLLTAHKMYGNKWSMIARLPGRTDNAVKNHWHVIMARKHREQNSVY  
RRRKSTSSNLQIIAPNNNNNDIIQIKSNMQSDLTISSNCCNNNNIIVDDHQSASTCTDLSTPSSSKPMFPFLMTR  
FTHHHHVEHQGLDSNKGMLSRDEQEVKMDQKFLYGKEPIESYHHHHNHQHYGCGNVSDTNSEISASESVANNMTNVKIY  
GHQNEEQDIKTIPFIDFLGVGAT

>CcMYB90 |Locus\_ID=BC332\_27735 |Protein\_ID=PHU02484.1 |Protein\_len=182 |  
chr11:25428714-25431671 |strand= +  
MGRSKCCDKEGLKKGWPTHDEDQKLSFIEKHGCGSWRSLPAKAGLQRCGKSCRLRWTNYLRPDIKRGKFSLQEERSIIH  
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ARLVQSKSKILFNNKCCQH

>CcMYB91 |Locus\_ID=BC332\_27736 |Protein\_ID=PHU02485.1 |Protein\_len=345 |  
chr11:25454017-25455690 |strand= -  
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ARLVKSKDYEIFNNNNYNINRSTISQQLPYQLPCLDILKAWQMSSTKLPTINDISAILNNSRNNNLESSIPSTLHS  
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EDNKLINWNNFPNYLVNSPIGSPVF

>CcMYB92 |Locus\_ID=BC332\_03833 |Protein\_ID=PHU25501.1 |Protein\_len=330 |  
chr02:110224039-110226630 |strand= +  
MGRLPCCDKVGVKKGPWTPPEEDIMLVSYVQEHGPGNWRAVPTKTGLRRCSSKSCRLRWTNYLRPGIKRGNFTDQEEKTIQ  
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AKKALHNALSLENSTSPLINIKQENPQVSSSTYASSTENISRLLQGWMRSSTSENKTSNNIATNDSSSCDGTNPNAESK  
GGMGLMEAFESLFGLESFESSSSDEFSQTTSPQAEATKVEIKKEENENVEAPAVPLSIILENWLLDENTLNIQAKDDLTT  
FSFDETAPLF

>CcMYB93 |Locus\_ID=BC332\_06027 |Protein\_ID=PHU27695.1 |Protein\_len=304 |  
chr02:166911270-166912677 |strand= -  
MGRPPCCDKLVKKGPWTPPEEDIMLVSVFQEHGPGNWRTVPHTTGLRRCSSKSCRLRWTNYLRPGIKRGSFTDQEEKMIIQ  
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ALSLDKSSPISEYTIKPINIDCPSYIKQEAQMSTSTYASSAENIAKLLKQWTRSDSTNNSEQSKASSSTQFSCNTTNT  
NAMTEYSSSFESFEPNSDQFSQATTPEAAGKFYGESKRELDDEVPLSVMLESWLFDENDLLI

>CcMYB94 |Locus\_ID=BC332\_26534 |Protein\_ID=PHU05712.1 |Protein\_len=352 |  
chr10:218195386-218197130 |strand= +  
MNELIKNHLFFFSSNHLPLFKHLSICASSFSFQLSIHTSKTLHTKTTTTTTTTPPPPXXXXKQTMGRPPCCDKIGIKKG  
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TENISRLLLEGWMRSSPNNPSRRNNIDHDHDEMLHVAQKNDQDQEIWKSTCEENENSWIIPKEKSSNCESNGVVVDHGK  
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>CcMYB95 |Locus\_ID=BC332\_09091 |Protein\_ID=PHU23984.1 |Protein\_len=334 |  
chr03:252973028-252974354 |strand= -  
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LVEALSLDKSDSLANPISPVLAAQTVPGSSSYASSAENISRLLQNMKNKSPKSSQLSRNSSETTQSSLNPSIGSGSGSS  
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>CcMYB96 |Locus\_ID=BC332\_33109 |Protein\_ID=PHT97965.1 |Protein\_len=370 |  
scaffolds:252070-253948 |strand= -  
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DIHTAKQALCEALSLDASPNTIPINPEQQQPAVQASMTYASSAENIAKLLQNMKNKSPNSTSSSSSKITQQMSLNNL  
SVGALSSSSPSEGTNNVAPPQGLDSLFSFNSSNNSDVSQSVSIDEGNLITPENNNAGIFQVESKPILPDFKPESGIHQ  
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>CcMYB97 |Locus\_ID=BC332\_14191 |Protein\_ID=PHU18496.1 |Protein\_len=453 |  
chr05:230830190-230832364 |strand= -  
LLRCGKSCRLRWTNYLRPNLKRKFTAEEDETIVKLHSTLGNRWSLIAQDLPGRTDNEIKNYWNSNLRRLYSFRNFKE  
IKTTTNVPKIAVDGDSDESLRKQDTSTMSKEGSIESLLPEDNIVVDRGSTRKNRSLCVGSNEGATWSEGDSTESLLPKNC  
TVDIGSMRKPYPSSCPRGKDDVSWYRGGSTESLLENIEINFACEENSIGSLLMENCSCPGRRDTSWSEEGGSFKSLLE  
NIETNFSCPKGTCNATWSEGGSEFFSLENCADVLGSNRENKSDKGGSEIYLLTGNYTVDIGFNRETNSSSCPRGNAEAM  
WYEEGSSIESSSTESYIVDLFLTQSPTRKTEELAMQHEHAKSKIHEPNEEGEAKNIKDIIHDSKPKQLCQIGCSIGE  
QEQQIQGPHEQNEENEIVIQKHNDCLHNFNNWSNINFDYFLEDEYGIWNH

>CcMYB98 |Locus\_ID=BC332\_02702 |Protein\_ID=PHU30609.1 |Protein\_len=450 |  
chr01:210100644-210105740 |strand= +  
MVSLFIGTGLITLPPHCHFNIIIRRESYYWCYANMGRAPCCEKVLKRGWTAEDQILTNYILSNGEGSWRSLP  
KNAGLLRCGKSCRLRWINYLRSDLRGNITSQENIIKLHATLGNRWSLIAHMPGRTDNEIKNYWNSHLRQVESLRI  
PSDEKLPAVVDLAKKALMPIKQSRKTSRISNMKNKTSKNSNLAEPKEAKENSTSGPLSASAVSIPSTLNMEKEALSS  
TISSWLDGKNMPASDSAMDMSQEDVADVAAPNPRVGSRESHSSLSSEDCDMEWLEEIMPVVDVINDQMDPNFILSSLENG  
QGETPLNETGNNYCRTHRIDERNKTVSSQEAVSSTNEKSRLMEAAANDGRLEWDWQDDHELVPAMSWELETQENIGS  
SSIPSWPLWDTGTDLLQNFNMHEDPVEIDSMHIMSENDQNPSALAAWLLS

>CcMYB99 |Locus\_ID=BC332\_14511 |Protein\_ID=PHU13306.1 |Protein\_len=270 |  
chr06:271656-275644 |strand= -  
MGRTPCCEKVGLRKGRWTKEEDEILTNYILANGEGSWRSLPKNAGLLRCGKSCRLRWMNYLKTDLKRGNITSDEEAIK

LRATLGNRWSVIAEYLPGRTDNEIKNYWNSRLSRKVDSLRIPSDEKLPLAVVEMAKNKGIEQIVKRQRRKRKADSNFMT  
ETSVSTSSCYNNNNNDDVVLMDDKDAELDQDFIFNCLWDCEGEDLEIVENNNNEVLSYDNYDQLDCWNWEQLDEIWANE  
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>CcMYB122 |Locus\_ID=BC332\_25527 |Protein\_ID=PHU04705.1 |Protein\_len=282 |  
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MGRSPCCEKAHTNKGAWTKEEDERLIDYIRAHGEGCWRSLSKPAGLLRCGKSCRLRWINYLRPDLKRGNFTEEEDELIK  
LHSLLGNKWSLIAGRLPGRTNNEIKNYWNTHIRQKLLSRGIDPTIHRISINEPTPKVTTITFAAADSTDDHHRDQKINIK  
AEFDETSNEDNNEVPKMSCLPDLNLELRISPPHHQLDHHHQRSNSLCFTCSLGIQNSKDCSCNNTNGIGCSNNIVSMNI  
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>CcMYB123 |Locus\_ID=BC332\_13322 |Protein\_ID=PHU17627.1 |Protein\_len=270 |  
chr05:88778559-88782778 |strand= +  
MKKLVEYIKKHGHSWHSPLHLAGLARGKSCRLRWNYLRPDIKRGPFSEVEKFVIQLHGMLGNRWAAIASQLPGRTD  
NEIKNLWNTHLKKRLLSMGINPQTHEPSSAPNGLLVPTLTSAAARHMAQWESARLEAEAHLSRESQLLVPSVSESGTDY  
FLRIWNSEVGEAFRKFNKKKAGLVKVQPLKHLHQNTKWKNQPYKGDVFGQYDDTSSSSGLEDSSESALQLPFDFLSNN  
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>CcMYB124 |Locus\_ID=BC332\_14051 |Protein\_ID=PHU18356.1 |Protein\_len=237 |  
chr05:227335834-227337292 |strand= +  
MGRWGIIEEEWRKGPWTVEEDKLLIEYVNLHGEGRWNSVARLAGLKRNGKSCRLRWVNYLRPDLKRGQITPYEERIILEL  
HAIWGNRWSTIARSLPGRTDNEIKNYWRTHFKKKVKSSTDNFEKTKARLLKRQSQKQLLNSQIDMKRFMSQENKVP  
SHVPKQDMAILYQNSFHEQEQSGFFYSMNNGYAIVPEASSNEDIMWDIGLWNLDDFNVNLPVSAVESGFAIKEFKI