

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... MVE... DLSEGY... KSIITGINNHMDQIITPCEDYALKSRKPYTITKQREW
MYB domain protein [Artemisia annua] ... MVEVCLDLSEGY... KSIITGINNHMDQIITPCEDYALKSRKPYTITKQREW
REVEILLE 2-like [Erigeron canadensis] ... MVEFARKPYTITKQREW
REVEILLE 1 [Helianthus annuus] ... MIVDORD... GSRSGNGNRLERDLAGEDYALKARKPYTITKQREW
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... MVGESMAEDRSE... GSVSN.TYKNDQFMS.ADAYAPKARKPYTITKQREW
REVEILLE 1 [Lactuca sativa] ... MVGESMAEDRSEE... GSDSN.TKNKDQFTS.QDDYAPVKRKPYTITKQREW
REVEILLE 1 [Helianthus annuus] ... MVGESMAEDLSE... GSATN.TYKNDQFMS.ADAYAPVKRKPYTITKQREW
REVEILLE 2 [Helianthus annuus] ... MVGESMAEDLSE... GSVSN.AIKSNQFTS.ADAYAPVKRKPYTITKQREW
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... MAEDHSE... GSVTN.TYKNDQFTS.TDDYSPVKRKPYTITKQREW
REVEILLE 1-like [Erigeron canadensis] ... MVGESMAEDRSE... GSVSNPPYKMDQFPSSADYAPVKRKPYTITKQREW
REVEILLE 1 [Vitis vinifera] ... MTVEDQSGGSRSNFTLSAGNLISLDAETHSLTAELKEQFSCRRDLAPKARKPYTITKQREW
RVE2 [Arabidopsis thaliana] ... MAMQERC... ELSLCS... DELISSDAFYLTKRKPYTITKQREW
MYB131, partial [Glycine max] MEMQVSIILRSLFWRLFSSFNKKFNFMNSSSDFISKELKYILDOIESTRSTIFGSASNIHNGEKOSENVAHIPSVGNNTQPKVRKPYTITKQREW

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... THOEHKFLEALKLYGRVAQIEEHGNKTAIQIRSHAQKFFSKVYRESSDGTGVHTEIPPRAKRKPANPYRNVHIPLTKGRH...TAGPTSP
MYB domain protein [Artemisia annua] ... THOEHKFLEALKLYGRVAQIEEHGNKTAIQIRSHAQKFFSKVYRESSDIDRTTVHTEIPPRAKRKPANPYRNVHIPSMDGRH...TVGPTSP
REVEILLE 2-like [Erigeron canadensis] ... TOEEHKFLEALKLYGRVAQIEEHGNKTAIQIRSHAQKFFSKVYRESSGVDTGEVESIEIPPRAKRKPTHPYRKLVPITKKEAH...SSRSTSP
REVEILLE 1 [Helianthus annuus] ... TOEEHKFLEALKLYGRVAQIEEHGNRTIAQIRSHAQKFFSKVYRESS.QGTGEGP...IPPRAKRKPTHPYRKYVSVPLKKGAA...FHDLRS
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... TEEEHKFLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSDGDASEVKPIEIPPRAKRKPMHPYRKLSPAPITGGH...HERSTSP
REVEILLE 1 [Lactuca sativa] ... TEEEHKFLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESS.TGDYSEVKPIEIPPRAKRKPMHPYRKLSPAPITGGHG...QHRSTSP
REVEILLE 1 [Helianthus annuus] ... SEEEHKFLEALKLYGRVRRICENIGKTKIAQIRSHAQKFFSKVYRESSDGDASEVKPIEIPPRAKRKPMHPYRKLSPAPITGGH...IERSTSP
REVEILLE 2 [Helianthus annuus] ... TEEENRFLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSDGDASEVKPIEIPPRAKRKPMHPYRKLSPAPITGGG...HERSTSP
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... TEEEHKFLAALRLHGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSDGDASEVKPIEIPPRAKRKPMHPYRKLSPAPITGGH...QHRSTSP
REVEILLE 1-like [Erigeron canadensis] ... TEEEHKFLAALRHGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSDGDTEVKPTEIPPRAKRKPMHPYRKLSPAPITGGH...QASRASP
REVEILLE 1 [Vitis vinifera] ... TEEEHKFLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSGGINSAEP...IPPRAKRKPMHPYRKLSPAPITGGH...QHRSTSP
RVE2 [Arabidopsis thaliana] ... TEAEHKFVLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSDGDASEVKPIEIPPRAKRKPMHPYRKLSPAPITGGH...YAEITG
MYB131, partial [Glycine max] TEEEHKFLAALKLYGRVRRIEEHGKTKIAQIRSHAQKFFSKVYRESSGSAESSIQIPINIPPRAKRKPLHPYRKLSPAPITGGH...ETESPTSP

R1

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... CSLESNHENLSPDSDQDY...
MYB domain protein [Artemisia annua] ... CSLESNHENLSPDSDQDY...
REVEILLE 2-like [Erigeron canadensis] ... GSGSLSHEKSGSPKPE...
REVEILLE 1 [Helianthus annuus] ... SMHNDNSP...
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... NSSGSDQENCSPTSVLSAGGSNMFALGDSGSPNPGS...SPVSSANGVK.PGGSSRFEPDLSPEENESSPTVQEDDGPIMKLDSCGEEKEKEKF
REVEILLE 1 [Lactuca sativa] ... NSSGSDQENCSPTSVLSAGGSNMFALGDSGSPNPGS...S...PEENESSP...PMKMESCSEEK...
REVEILLE 1 [Helianthus annuus] ... NSSGSDQEHCSPTSVLSAGGSNIFGGDGLNSPTGSG...SPVSSANG...VKADPLDENESSP...STKVESCSGEEKEKEK...
REVEILLE 2 [Helianthus annuus] ... NSSGSDQENCSPTSVLPTGGSIIFGLDGSGLPNSG...SSADG...VKPDLPEENESSP...MVKVSCSGEEKE...
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... NSSGSDQENCSPTSVLSAGGSNMFALGDSGSPNPGSGSSSPVSSANGVK...PGSSNFFPELSPDQENASSP...PTIIFSCVFKE...
REVEILLE 1-like [Erigeron canadensis] ... NSSGSDQENCSPTSVLSAGGSNIFASGEGCSPNENS...SPVSSAADVVKPEGSHDDEPELSPDQELVSAT...PMILESGGEEKDOVFTK...
REVEILLE 1 [Vitis vinifera] ... NFASGEGENCSPTSVLSAGGSNIFGSLTSLNTONGSP...SPVSSAAGVN...PDRMFLPELNPPTTEENASPSPLVLTSSSSVPDEPLPMKFLFPQOIF...
RVE2 [Arabidopsis thaliana] ... SKLIQDENRSPSTSVLSAHGSDGLSIFGNSPNSSS...VSSSE...IPPRAKRKPMHPYRKLSPAPITGGH...AELSSHTTES...
MYB131, partial [Glycine max] NLLVAEKDTPSTSVLSTVGSFAFG...

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... ASIQSLKLFQKTVFVMDYAR...PSSPDTITTLPLN...LTLTQAP
MYB domain protein [Artemisia annua] ... ASIQSLKLFQKTVFVMDYAR...PSSPDTITTLPLN...LTLTQAO
REVEILLE 2-like [Erigeron canadensis] ... SIQSLKLFQGTFFVDSAS...PSSPDSPKLPWNIS...LITDAQEP
REVEILLE 1 [Helianthus annuus] ... SSTQSLKIFGKTVFVAGSTR...PVS...TTLPWN...SMPTIAP
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... ADEGSPGAGSASQSLKLFQKTVVTDPNHRPSSPNVAVDPSEGNISIVNLIQNLMPISSLPCGAP...VYVMOFLDEHS
REVEILLE 1 [Lactuca sativa] ... DFGSTQSLKLFQKTVVITDSNQ...NEEKNTMPISSLPCGAP...VYVMOFLDENM
REVEILLE 1 [Helianthus annuus] ... EKESSPTGTSQSLKLFQKTVVTDTHRPPSPNDVCEG...NVNMIQNLMPISSLPCGAP...VYVMOFLDENM
REVEILLE 2 [Helianthus annuus] ... SSPVEGTSQSLKLFQKTVVTDITY.PSDMVDPRG...NITVLTPQNLIPVSPILPCGAP...VYVMOFLDEGS
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... SSPVEGTSQSLKLFQKTVVTDITHRPPSNEVVDQSEG...NFNVFVQNLMPISLPCGAP...VYVMOFLDENM
REVEILLE 1-like [Erigeron canadensis] ... ENSTDGTSLSLKLFGKTVVTDTHQSSS...TNLIQPNMMHISSLPCAAP...LYVMOFLDENM
REVEILLE 1 [Vitis vinifera] ... AKCESVEASTRLKLFGRVTLVTDTHRPPSPPTTSKSQ...PSDINNEMGHVTLPNWSTPESSPENSSFSWSHLQPQPSGAFVYMHFQKDS
RVE2 [Arabidopsis thaliana] ... LSLAEATQSLKLFQKTVVGDYGN...SSMSCDSDSDGKK...KLYSETQSL
MYB131, partial [Glycine max] SQFSEQTNRCLSPNSCTTDIHS...VLSLPVEKENDCMTSK...ESEEEEK

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... ECP...TTPLCL
MYB domain protein [Artemisia annua] ... ECS...TTPLCS
REVEILLE 2-like [Erigeron canadensis] ... DSTTH...SSDRLETTQGS
REVEILLE 1 [Helianthus annuus] ... ECPRTR...SLSGYQDL...S...YRILQSSGRLEPTQOYS
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... DSSVLRSSTTAAAPWWSLYG...GIT.YPV...MQPCNPA...TEMQNEC...SNNESENGGANEQKKAFLV
REVEILLE 1 [Lactuca sativa] ... ESTVVRSSP.SYTPWWSLYG...HVSSEYPLG.QOLCNVPNMEGCSDSEMG...GKDEEEDDYNEAKKKKPFLL
REVEILLE 1 [Helianthus annuus] ... QSSTP...MAPWWSLYG...AVS.YPV...VQPVKPTNQNG.SEMQNEESTLGSNTSDNESGVKEGKKPFL
REVEILLE 2 [Helianthus annuus] ... GSSTS...MAPWWSLYG...PVA.YPV...CNVPKPTKQSG.SEMQIEGLSTSMDCPESGVHE.KKPFLL
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... GASTS...VTPLWSLYG...GVS.YPVAPQNMVPVPIKESG.SGMQNEGSSRGSNSTDGCSGFKKEEKKPV
REVEILLE 1-like [Erigeron canadensis] ... GSSTP...IASWWSLYG...GLS.VLPQPCNP1IPTKGSC.SELNEGCSLGSNTSDTESVMEKVRKPIV
REVEILLE 1 [Vitis vinifera] ... NCVEAG...TTAPLPWITFYGGPIIPFLPLHHQDSIKAHEDTKFAETHDKEIQKESGWTGSNTGSVNEGNCODTNMDVETQSHOPYLVTMEKESDFAVE
RVE2 [Arabidopsis thaliana] ... QCSSS...TSNATEATVVSSEF
MYB131, partial [Glycine max] ASPASR...PLSTVSNPKMCKM

CmREVEILLE 2 [Chrysanthemum × morifolium Ramat.] ... SD...NIFGSGKDGKS...YAKGFLPYKRCLEATRITHSFMLTIIESEDRLVRLR
MYB domain protein [Artemisia annua] ... SD...NIGSGKDGKS...YAKGFLPYKRCLEATRITHSFMLTIIESEDRLVRLC
REVEILLE 2-like [Erigeron canadensis] ... QEGKNDLQSGKDGK...YAKGFVPYKNWLAN.KSVHTFMLTDDEKRDIRVSLC
REVEILLE 1 [Helianthus annuus] ... LDSENGEFGDKVER...YAKGFVAYRCLAE.ESSVLTEGEEREERVRLC
REVEILLE 2-like [Cynara cardunculus var. scolymus] ... IGSERSAFTKQYGGG...KKKDDTKYKGFVYKRCLEAQRESHSHSTG.EEREERVRLC
REVEILLE 1 [Lactuca sativa] ... IGSERSAFTKQHS...KKKDDTCKMGFPVYKRCVE.EEREORIRLC
REVEILLE 1 [Helianthus annuus] ... VASERSAFTKQHRGDRNNNGKKDDTSIKGFPVYKRCLEQ.SSNSSC.EEREERVRLC
REVEILLE 2 [Helianthus annuus] ... VASERSAFTKQHRSE...NKKKDACIKGFPVYKRCLEQRESDSGD.EEREERVRLY
REVEILLE 1-like isoform X1 [Tanacetum cinerariifolium] ... IGSIESAFTROQNGK...GNKEKKKCLKGFVYKRCLEQRETNSSG.EEREERQHRSL
REVEILLE 1-like [Erigeron canadensis] ... LGGERSAFKKQHRGG...NTDKDASLRGFPVYKRCLEQAGEAHADG.EDREERVRLC
REVEILLE 1 [Vitis vinifera] ... KLSERSAFSGRGTNT...DKCVKGFMPYKRCLEAERTQSSIIIG.NEREORIRLC
RVE2 [Arabidopsis thaliana] ... KRERSAFSQLKSSVT...EMNNMRGFMYPYKRCVQSS...IDNVKLSYPLW
MYB131, partial [Glycine max] PEFSSKEIEDATDMP...QTTSLKLGRTVSMVNGNKS...