

CLUSTAL W (1.83) multiple sequence alignment

```
AAP36398.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
NP_001665.1     - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
1604249C        - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQCEEL
C34223          - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQLEEL
AAP92420.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
NP_031524.2     - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
BAA09095.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
NP_037044.1     - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQKESEKLESVNAELKAQIEEL
BAB84092.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQK-----
AAP93895.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQK-----
AAP93896.1      - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQK-----
NP_004015.2     - - - - -DERKKRRRERENKIAAA-KCRNKKKKEK- - - -TECLQLQY-----
NP_957258.1     - - - - -NDRRKRRRERENKIAAA-KCRNKKKKEK- - - -TDNLQKESEKLESINAELKAQIEEL
AAF21148.1      - - - - -EERRKRRREKNKVAAA-RCRNKKKER- - - -TEFLQRESERLELMNAELKTQIEEL
NP_569736.1     - - - - -EERRKRRREKNKVAAA-RCRNKKKER- - - -TEFLQRESERLELMNAELKTQIEEL
BAB20088.1      - - - - -EERRKRRREKNKVAAA-RCRNKKKER- - - -TEFLQRESERLELMNAELKTQIEEL
NP_446346.1     - - - - -EERRKRRREKNKVAAA-RCRNKKKER- - - -TEFLQRESERLELMNAELKTQIEEL
NP_620473.1     - - - - -EDRRRRRERENKIAAT-KCRMKKRER- - - -TQNLIKESEVLDTQNVLKNQVRQL
XP_321586.1     - - - - -EDRRRRRERENKIAAT-KCRMKKRER- - - -TVNLINESETLDAQNRELKSQVSKL
1FOSE           - - - - -KRRIRRRERENKMAAA-KSRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
1FOSG           - - - - -RRIRRRERENKMAAA-KSRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
AAG47951.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_CRIGR       - - - - -EEKRIRRRERENKMAAA-KCWNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
XP_234422.2     - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
AAA42348.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
NP_877587.1     - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
NP_034364.1     - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
NP_005243.1     - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
CAB40144.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_FELCA       - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_MESAU       - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_PIG         - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_RAT         - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
CAA75757.1      - - - - -ERNKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
E34223          - - - - -RREKENPKERNKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_SHEEP       - - - - -ERNKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
NP_056890.1     - - - - -EVKRRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
NP_955598.1     - - - - -EVKRRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOSX_MSVFR      - - - - -EVKRRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
FOS_MSVFB       - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKKSALQTEIANL
1A02F           - - - - -MKRRIRRRERENKMAAA-KSRNRRREL- - - -TDTLQAETDQLEDEKSALQTEIANL
AAA66158.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEEEKSALQAEIANL
AAN03532.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEEEKSALQAEIANL
NP_990839.1     - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEEEKSALQAEIANL
FOS_AVINK       - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEEEKSALQAEIANL
AAO11836.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEEEKSALQTEIANL
CAD56866.1      - - - - -EEKRIRRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDKLEEEKAALMEIANL
BAB39769.2      - - - - -EEKRVRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQNDIANL
NP_991132.1     - - - - -EEKRVRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQNDIANL
BAC77043.1      - - - - -EEKRVRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQNDITNL
FOS_CYPKA       - - - - -EEKRVRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDELEDEKSALQNDIANL
AAK58088.1      - - - - -EEKRVRRERENKMAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSALQNDIASL
FOS_FUGRU       - - - - -EEKRIRRRERENKQAAA-KCRNRRREL- - - -TDTLQAETDQLEDEKSSLQNDIANL
FOS_TETFL       - - - - -EEKRIRRRERENKQAAA-KCRNRRREL- - - -TDSLQAETDQLEAEKSSLQNDIANL
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BAC77045.1 -----EEKKRVRRERENKQAAA-KCRNRRKEL----TDTLQGETDELEDEKXSALQNDIANL
BAC77046.1 -----EEKKRVRRERENKQAAA-KCRNRRKEL----TDTLQGETDELEDEKXSALQNDIANL
A60089 -----EEKKRVRRERENKMAAA-KCRNRRREL----TDTLQAEETDDLEDQKSDLQAEIASL
AAC59780.1 -----EEKRRI RRERENKIAAAA-KCRNRRREL----IDTLQAEETDQLEDEKXSALQAEIDEL
CAD56865.1 -----EEKRRI RRERENKIAAAA-KCRNRRREL----IDTLQAEETDQLEDEKXSALQAEIDEL
AAC52888.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
AAH52917.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
AAP36227.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
NP_034365.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
NP_005429.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
NP_037085.1 -----EERRRVRRERENKLA AAA-KCRNRRKEL----TDFLQAEETDKLEDEKXSGLQREIEEL
CAD56862.1 -----LEERRRI RRERENKMAAA-KCRNRRREL----TETLQNETDQLEDEKXSRLQKEIAGL
NP_005244.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
NP_032063.2 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAA61951.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
FRA2_MOUSE -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC08718.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC08724.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC08727.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC08730.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
NP_037086.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC08715.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
FRA2_CHICK -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAC59866.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
CAD56863.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
AAF01350.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
XP_218419.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
NP_032062.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
FOSB_HUMAN -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
NP_006723.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
CAD56864.1 -----EEKRRI RRERENKLA AAA-KCRNRRREL----TEKLQAEETEELKEEKSGLQKEIAEL
A35847 -----EQKRAVRRERENKQAAA-RCRKRRVDQ---TNELTEEVEQLEKRGESMRKEIEVL
NP_733306.1 -----EQKRAVRRERENKQAAA-RCRKRRVDQ---TNELTEEVEQLEKRGESMRKEIEVL
NP_476587.1 -----EQKRAVRRERENKQAAA-RCRKRRVDQ---TNELTEEVEQLEKRGESMRKEIEVL
XP_318333.1 -----EEKRRI RRERENKQAAA-RCRKRREDH---TNELVDETDQLEKQRQSLAQEIQQQ
NP_504557.1 -----DDKRLKRRQRNKEAAA-RCRQRRI DL---MKELQDQVNDFKNSNDKKMAECNNI
T31799 -----DDKRLKRRQRNKEAAA-RCRQRRI DL---MKELQDQVNDFKNSNDKKMAECNNI
CAE64529.1 -----DDKRLKRRQRNKEAAA-RCRQRRI DL---MKELQDQVNGFKHLNDKKTSDINDL
1GD2 -----QEPSSKRKAQNRAAQR-AFRKRKEDH---LKALETQVVTLLKELHSSTTLENDQL
BAA87082.1 -----QEPSSKRKAQNRAAQR-AFRKRKEDH---LKALETQVVTLLKELHSSTTLENDQL
NP_593662.1 -----QEPSSKRKAQNRAAQR-AFRKRKEDH---LKALETQVVTLLKELHSSTTLENDQL
S15664 -----QEPSSKRKAQNRAAQR-AFRKRKEDH---LKALETQVVTLLKELHSSTTLENDQL
CAB91681.2 -----TEPSSKRKAQNRAAQR-AFRERKEKH---LKDLETKVEELKKISETANHENEIL
XP_323224.1 -----TEPSSKRKAQNRAAQR-AFRERKEKH---LKDLETKVEELKKISETANHENEIL
EAA62093.1 -----SEPTSKRKAQNRAAQR-AFRERKEKH---LKDLEAKVEELQKASDSANQENGLL
XP_388976.1 -----SEPSSKRKAQNRAAQR-AFRERKEKH---LKDLETKVDELEKASQAANHENSML
EAA47389.1 -----KRKAQNRAAQR-AFRERKERH---VKDLEAKLADLEAAQQQAATENEKL
XP_329184.1 -----TPAQSRKKAQNRAAQR-AFRERKERH---VKELENRLQQLLEEAQVTRSENEKL
EAA60905.1 -----TPAQSRKKAQNRAAQR-AFRERKERH---VRDLEEKVSNLQQESNNLLADNERL
EAK95559.1 -----EELQMKRKAQNRAAQR-AFRERKESK---LKELEAKLLASEEERQKLLDELEQI
EAK95697.1 -----EELQMKRKAQNRAAQR-AFRERKESK---LKELEAKLLASEEERQKLLDELEQI
FCR3_CANAL -----EELQMKRKAQNRAAQR-AFRERKESK---LKELEAKLLASEEERQKLLDELEQI
NP_011854.1 -----DDSKAKKKAQNRAAQR-AFRERKEAR---MKELQDKLLESERNRQSLKKEIEEL
NP_982964.1 -----EKKKAQNRAAQR-AFRERKEAR---LRELEQKLKESQNRDALFREVEQL
AAB29937.1 -----SEAKSRRTAQNRAAQR-AFRDRKEAK---MKSLQERVELLEQKDAQNKTTTDFL
NP_010711.1 -----SEAKSRRTAQNRAAQR-AFRDRKEAK---MKSLQERVELLEQKDAQNKTTTDFL
AAA34463.1 -----SEAKSRRTAQNRAAQR-AFRDRKEAK---MKSLQERVELLEQKDAQNKTTTDFL

AAD00802.1 -----TEPKSKRTAQNRRAAQR-AYRERKERK-----MKELEDKVRLLLEDANVRALTETDFL
EAL02912.1 -----TEPKSKRTAQNRRAAQR-AYRERKERK-----MKELEDKVRLLLEDANVRALTETDFL
CAA37827.1 -----PETKQKRRTAQNRRAAQR-AFRERKERK-----MKELEKKVQSLESIQQQNEVEATFL
NP_013707.1 -----PETKQKRRTAQNRRAAQR-AFRERKERK-----MKELEKKVQSLESIQQQNEVEATFL
CAA41536.1 -----PETKQKRRTAQNRRAAQR-AFRERKERK-----MKELEKKVQSLESIQQQNEVEATFL
CAA43195.1 -----PETKQKRRTAQNRRAAQR-AFRERKERK-----MKELEKKVQSLESIQQQNEVEATFL
AP1_KLULA -----TEAKDKRTAQNRRAAQR-AFRERRERK-----MKELEDKVSQLESLSNKQSELETKFL
NP_984291.1 -----TEAKNRRTAQNRRAAQR-AFRERKERK-----MRDLEDQVRRLEEERSSSAECEVQSL
AAC49426.1 -----DEELQKKKRQNRDAQR-AYRERKNNK-----LQVLEETIESLSKVVKNYETKLNRL
NP_012283.1 -----DEELQKKKRQNRDAQR-AYRERKNNK-----LQVLEETIESLSKVVKNYETKLNRL
EAA56950.1 -----RRRAQNRSQR-AYRERKDQR-----IKDLEQMLNDSKQRNDLLSQAYQNL
XP_323551.1 -----RRRAQNRSQR-AYRERKDQR-----IKDLEQMLNEAKQHNNALGQAYAAL
EAA48684.1 -----RRQELNRQAQR-THRERKELY-----IKALEDEVLRRLKETYSNVSQLAKDNL
EAK84283.1 -----RRKEQNRNAQR-RLRVRREEH-----ILQLQAQLEELHRRSQQSEESHFL
EAK86097.1 -----LEQKSRREQNRNAQR-RLRDRKEDH-----VFKLEGEVAQLRQDEQRCSKMRDL
NP_065505.1 -----EEQKERRRSINRRASK-NFLKRRRIF-----EEQKEKGLINLKYENSRLRCQVEKR
AAC72896.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
AAC72897.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
A33111 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
NP_732833.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
NP_732834.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
NP_732835.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
T13936 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
AAB59246.1 -----LIRDLRRRGKNKVAAQ-NCRKRKLDQ-----ILTLEDEVNAVVKRKTQLNQDRDHL
XP_309091.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDQ-----IVTLADEVKDMKMRKERLMRDREMV
A49672 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
AAA20466.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
AAC0108.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
BAC03440.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
NP_032712.2 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
XP_340887.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
BAB23483.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
CAB46813.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
NFL1_MOUSE -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
NP_003195.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLREKVEF
AAC83235.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLERDVEDLQRDKARLLRE-----
AAH59314.1 -----LIRDIRRRGKNKMAAQ-NCRKRKLDT-----ILNLEQEVKHLNRERNSQLREKGEN
AAH49219.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
AAH56142.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
BAA76288.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
AAF17228.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
AAF61404.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
NP_004280.4 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDVCNLQAKKETLKREQAQC
NP_035033.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDICNLQAKKEALKNEQTQC
XP_231763.2 -----LIRDIRRRGKNKVAAQ-NCRKRKLDI-----ILNLEDDICNLQAKKEALKSEQTQW
A54692 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLTNERERLLRARGE
AAA35612.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLTNERERLLRARGE
NP_006154.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLTNERERLLRARGE
NP_032711.2 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLSSERERLLRARGE
S32537 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLSSERERLLRARGE
XP_345884.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLET-----IVQLERELERLGSERERL-----
AAH45852.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLEN-----IVGLEEYELDSLKEEKERLMKEKSER
NP_878309.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLEN-----IVGLEEYELDSLKEEKERLMKEKSER
AAH61724.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDLGHLKDEREKLLREKGEN
NP_113977.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDLGHLKDEREKLLREKGEN
I49261 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDLGHLKDEREKLLREKGEN
NP_035032.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDLGHLKDEREKLLREKGEN

I59340 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDL D H L K D E K E K L L K E K G E N
NP_006155.2 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDL D H L K D E K E K L L K E K G E N
NP_990448.1 -----LIRDIRRRGKNKVAAQ-NCRKRKLEN-----IVELEQDL S H L K D E R E K L L K E K G E N
AAH43997.1 -----LIRDIRRRGKNKVAAQ-NCRKRKMEN-----IVELETDL D T L K Y E K E K L L A E R G E Y
NP_778208.1 -----LVRDIRRRGKNKVAAQ-NCRKRKLEN-----IVHLESEL G Q L R A Q R E H L A R E R L E F
AAB84100.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L Q S E K E S L L K E R D H I
NP_031546.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L Q S E K E S L L K E R D H I
BAA95505.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L Q S E K E S L L K E R D H I
NP_001177.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L Q S E K E S L L K E R D H I
XP_221712.2 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L Q N E K E S L L K E R D H I
AAB84101.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLESEIEK L -----
AAH51242.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLECEIRK L V C E K E K L L S E R N H L
NP_031547.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLECEIRK L V C E K E K L L S E R N H L
AAK48898.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLECEIRK L V C E K E K L L S E R N Q L
NP_068585.1 -----RRRSKNRIAAQ-RCRKRKLD-----IQNLECEIRK L V C E K E K L L S E R N Q L
1404381A -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
1411298A -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
NP_068607.1 -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AAH09874.2 -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
TVHUJN -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AP1_CHICK -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AP1_COTJA -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AP1_PIG -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AP1_SERCA -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
CAA31252.1 -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
NP_034721.1 -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
NP_002219.1 -----RIKAERKMRNRIAS-KCRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
1FOSF -----RKRMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
1FOSH -----ERKMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
TJUN_AVIS1 -----RIKAERKMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AAA42416.1 -----RIKAERKMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
1JNM -----KAERKMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
1A02J -----MKAERKMRNRIAS-KSRKRKLER-----IARLEEKV K T L K A Q N S E L A S T A N M L
AAH41183.1 -----RIKAERKMRNVAAS-KCRKRKLER-----IGRLEDK V K T L K S Q N S E L A S T A N M L
CAB51636.1 -----RIKAERKMRNVAAS-KCRKRKLER-----IGRLEDK V K T L K S Q N S E L A S T A N M L
BAC77044.1 -----RIKAERKMRNRIAS-KCRKRKLER-----ISRLEDK V K N L K S Q N S E L A S T A N M L
CAD56856.1 -----RIKAERKMRNRIAS-KCRKRKLER-----ISRLEDK V K N L K S Q N S E L A S T A N M L
CAB51637.1 -----RIKAERKMRNRIAS-KCRKRKLER-----ISRLEDK V K N L K S Q N S E L A S T A N M L
NP_956281.1 -----RIKAERKMRNRIAS-KCRKRKLER-----ISRLEDK V K T L K S Q N S E L A S T A N M L
I51606 -----RIKAERKMRNRIAS-KCRKRKLER-----FARLEDK V K N L K S Q N S E L A S T A N M L
CAD56859.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K V L K S Q N S D L A S T A M L
AAA39345.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
AAK01362.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
AAF97784.1 -----IAAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
TVHUJD -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
NP_620230.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
NP_034722.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
NP_005345.2 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K T L K S Q N T E L A S T A S L L
JUND_CHICK -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEEK V K S L K S Q N T E L A S T A S L L
CAD56861.1 -----RIKAERKLRNRIAS-KCRKRKLER-----ISRLEDK V K S L K T Q N T E L A S T A S V L
CAD56860.1 -----RLKAERKLRNRIAS-KCRMRKLER-----ISRLEDK V K T L K S H N T D L A S T A S L L
AAL02138.1 -----LIKAERKLRNRIAS-KCRKRKLER-----ISRLESK V K D L K T Q N T D L S T T A N Q L
JUNB_RAT -----RIKVERKLRNRLAAT-KCRKRKLER-----IARLEDK V K T L K A E N A G L S S A A G L L
NP_032442.1 -----RIKVERKLRNRLAAT-KCRKRKLER-----IARLEDK V K T L K A E N A G L S S A A G L L
BAC40473.1 -----RIKVERKLRNRLAAT-KCRKRKLER-----IARLEDK V K T L K A E N A G L S S A A G L L
AAA74916.1 -----RIKVERKLRNRLAAT-KCRKRKLER-----IARLEDK V K T L K A E N A G L S S A A G L L
NP_002220.1 -----RIKVERKLRNRLAAT-KCRKRKLER-----IARLEDK V K T L K A E N A G L S S T A G L L

NP_068608.2 -----RIKVERKRLRNRLAAT-KCRKRKLER-----IARLEDKVKVTLKAENAGLSSTAGLL
AAH09465.1 -----RIKVERKRLRNRLAAT-KCRKRKLER-----IARLEDKVKVTLKAENAGLSSTAGLL
AAF75552.1 -----RIKVERKRLRNRLAAT-KCRKRKLER-----IARLEDKVKVTLKAENAGL-----
AAH53154.1 -----RIKAERKRLRNLLAAT-KCRRRKLER-----IARLEEKVKVLKSDNAGLSNTASVL
JUNB_CYPCA -----RIKAERKRLRNRLAAT-KCRKRKLER-----ISRLEEKVKVLKNDNAGLSNTASVL
AAH53234.1 -----RIKAERKRLRNRLAAT-KCRRRKLER-----ISRLEDKVKVLKSDNAGLSSTASLL
CAD56858.1 -----RIKAERKRLRNRIAAS-KCRRRKLER-----ISRLEDKVKVLKTDNAGLSNTASLL
CAD56857.1 -----RIKAERKRMNRVAAS-KCRKRKLER-----IARLEDRVKNLKSQNTLVSSANVL
NP_476586.1 -----KIKLERKQRNRVAAS-KCRKRKLER-----ISKLEDRVVKVLKGENVDLASIVKNL
TVVFFJD -----KIKLERKQRNRVAAS-KCRKRKLER-----ISKLEDRVVKVLKGENVDLASIVKNL
XP_316420.1 -----RIKLERKRLRNVAAS-KCRKRKLER-----ISKLEDRVKELKAQNAELGGVVCNL
CAE59807.1 -----KKKLERKRARNRQAAT-KCRQKKMDR-----IKELEEQVLHEKHRGQRLDAELLEL
NP_495947.1 -----KKKLERKRARNRQAAT-KCRQKKMDR-----IKELEEQVLHEKHRGQRLDAELLEL
A34785 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
AAA40394.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
AAH42210.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
B42026 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
A39429 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
S05380 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
AAB64016.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
AAB64017.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
ATF2_HUMAN -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
ATF2_MOUSE -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
BAC32623.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
C42026 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
A42026 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
AAA35951.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
NP_001871.2 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
NP_033845.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
NP_112280.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
BAC29065.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQ-----
NP_990235.1 -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQNEVTLL
1604249B -----DEKRRKFLERNRAAAS-RCRQKRKVW----VQSLEKKAEDLSSLNGQLQSEVTLL
JC4028 -----DEKRSKIIQRNRAAAS-RCRQKRKVW----VQSLEKKADELISLNGYLQNEVTLL
ATF7_HUMAN -----DERRQRFLERNRAAAS-RCRQKRKLW----VSSLEKKAEEELTSQNIQLSNEVTLL
NP_006847.1 -----DERRQRFLERNRAAAS-RCRQKRKLW----VSSLEKKAEEELTSQNIQLSNEVTLL
NP_666177.1 -----DERRQRFLERNRAAAS-RCRQKRKLW----VSSLEKKAEEELTSQNIQLSNEVTLL
AAB29745.1 -----DERRQRFLERNRAAAS-RCRQKRKLW----VSSLEKKAEEELTSQNIQLSNEVTLL
XP_235694.2 -----DERRQRFLERNRAAAS-RCRQKRKLW----VSSLEKKAEEELTSQNIQLSNEVTLL
CRB5_MOUSE -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
I78877 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
NP_004895.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
NP_878901.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
NP_878902.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
AAH29022.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
NP_766316.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
AAH59400.1 -----DERRRKFLERNRAAAT-RCRQKRKVW----VMSLEKKAEEELTQTNMQLQNEVSML
NP_594500.1 -----DEKRRRILERNRIAAS-KFRQKKKEW----IKELEQTANAAFEQSKRLQLLLSQL
NP_595707.1 -----DMKRRRFLERNRIAAS-KCRQKKKLW----TQNLEKTAHIAEQSKALRILVSQL
XP_327898.1 -----DHKRNKFLERNRLAAS-KCREKKKLY----TQELEGTKINLEARNVSLQREYSIL
EAA58248.1 -----DDKQEKTRARNRLAAS-KCRQKKKEQ----NHMLETRYEQEKMKNEELTRTVNSL
XP_389177.1 -----SAKREKFLKRNRIAAS-KCRQKKKQO----NEALE-----EHLCR-----
CAC18235.2 -----EEKRKNFLERNRVAAL-KCRQKKQW----LANLQOKVEMFSSSENDALTAITITQL
XP_326838.1 -----RVAAL-KCRQKKQW----LANLQOKVEMFSSSENDALTAITITQL
XP_390318.1 -----EEKRKNFLERNRVAAL-KCRQKKQW----LANLQTKVEMFSTENDALTAQITITQL
CAD21519.1 -----EEKRKNFLERNRVAAL-KCRQKKQW----LANLQNKVEMYSSSENDALTAQITITQL
EAA57243.1 -----EEKRKNFLERNRVAAL-KCRQKKQW----LANLQSKVEMYGAENENLTAQIGQL

AAN75015.1 -----EEKRKNFLERNRVAAL-KCRQRKKQW----LANLQAKVELFTSENDALTTTQV
BAA12194.1 -----EEKRKSFLERNRQAAL-KCRQRKKQW----LSNLQAKVEFYGNENEILSAQVSAL
NP_595652.1 -----EEKRKSFLERNRQAAL-KCRQRKKQW----LSNLQAKVEFYGNENEILSAQVSAL
EAK94532.1 -----DDKRNFLERNRVAAS-KCRQRKKLL----IQKMEEELEFYSNQYRELSAEVNEL
NP_014232.1 -----ERKRKEFLERNRVAAS-KFRKRKKEY----IKKIENDLQFYESEYDDLQVIGKL
NP_985572.1 -----DRKRKEFLERNRVAAS-KFRKRKKEY----IKKIETDLQFYETENDLTSFIDSL
CAA09717.1 -----ARKRKEFLERNRVAAS-RFRKRKKEY----IKRIEADVSFYESEYNDLSACLASL
CAB63430.2 -----DERRNTILERNKAAAV-RYRKRKKEY----HDDMMGRVQAMEAEKNQLLTQNVL
NP_497914.1 -----DERRNTILERNKAAAV-RYRKRKKEY----HDDMMGRVQAMEAEKNQLLTQNVL
XP_382926.1 -----DPRRRRILERNRVAAT-KCRLRKRDE----ASALASQEQAMEDQNYLSSCFDSL
XP_387965.1 -----ANRQQRVMEQNRLAAS-RFRKRKRST----ADALGMDLERLEDOHRELSKHRNGL
XP_390615.1 -----EKQYLKILERNRVAAS-NCRARKQEQ----QDKLNAEVEKLEDHRHRELSASCNEL
NP_010964.1 -----KRARLLERNRVAAS-KCRQRKKMS----QLQLQREFDQISKENTMMKKKIENY
NP_012228.1 -----KRARLLERNRVAAS-KCRQRKKVA----QLQLQKEFNEIKDENRILLKKNLYY
NP_983992.1 -----KRARLLERNRVAAS-KCRQRKKIA----QLQLQKDVDILTENKEIRRELEY
EAL00056.1 -----KKERLLERNRVAAS-KCRQRKKQE----QVQIQNNIAKMEKELKKKDAKIAEL
EAA60677.1 -----AEKRAKHLERNRVAAS-KSRQKKKRE----TDQLRTRFQEVSRKSTLEIEIKEL
NP_593039.1 -----GTKQSMLKARNRVAAT-KCRIKKKKY----LQTLQDQVNYTSENKELLQSANL
EAA50250.1 -----DGKRSTVLERNRVAAL-KCRKCKKEF----VQDLEEQCVLETTNHALHTEAQVL
EAA54021.1 -----DANRNTVLERNRVAAL-KCRKCKKEL----TRDLKEQCCKLETTNRDLQTEAQL
A49317 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
AAF66158.2 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
AAC60616.2 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
AAO92340.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
BAA03562.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
BAA03567.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_037218.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_038526.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
JX0307 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
CAC34846.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
CREM_CANFA -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
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NP_989718.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_898831.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_898830.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_898829.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_874386.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_874392.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_874391.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_874390.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_874389.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
AAC19383.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLESQNKTLIEELKAL
CREM_RAT -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLESQNKTLIEELKAL
I59276 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLESQNKTLIEELKAL
BAA83552.1 -----TRKRELRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLESQNKTLIEELKAL
1DH3 -----KREVRLMKNRVAAR-ESRRKCKEY----VKSLENRVAVLENQNKTLIEELKAL
AAH41206.1 -----VRKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
AAQ24858.1 -----ARKREVRLMENRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
CREB_BOVIN -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_112279.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_004370.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
CAA63242.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_034082.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
BAA36482.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_776710.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_598589.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL
NP_604391.1 -----ARKREVRLMKNRVAAR-ECRRKCKEY----VKCLERNVAVLENQNKTLIEELKAL

AAH67956.1 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
NP_989781.1 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
S20955 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
S22298 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
A35663 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
A40120 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
AAB64015.1 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
NP_604392.1 -----ARKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLKNQNKTLEELKAL
NP_957203.1 -----TRKREVRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
BAC20140.1 -----SRKRELRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKAL
NP_031523.2 -----QLRREIQLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
XP_204339.1 -----QLRREIQLMKNREAAR-ECRRKKKEY-----VKCLKNRVAVLENQNKTLEELKTL
ATF1_MOUSE -----QLRREIQLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
BAB26930.1 -----QLRREIQLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
CAC15058.1 -----QLKREIQLMKNREAAR-ECRRKKKEY-----VKCLENRV-----
NP_005162.1 -----QLKREIQLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
XP_235657.1 -----QLKREIQLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
NP_956017.1 -----QMKREIRLAKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKTLEELKTL
B37944 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
C37944 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
JC5602 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
JC6135 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
BAA03564.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
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CREM_MOUSE -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_059030.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
AAF68682.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_874393.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_874394.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_877570.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_877571.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_877572.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_877573.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_898883.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
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NP_874387.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_874388.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
NP_853549.1 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
S26685 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLESRVAVLEVQNKKLIEELETL
JC2087 -----TRKRELRLMKNREAAR-ECRRKKKEY-----VKCLENRVAVLEVQNKKLIEELETL
CREB_CHLVR -----TRKRELRLYKNREAAR-ECRRKKKEY-----VKCLENRVAVLENQNKALIEELKSL
NP_996504.1 -----TRKREIRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
NP_996505.1 -----TRKREIRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
AAB35092.1 -----TRKREIRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
NP_996506.1 -----TRKREIRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
NP_996507.1 -----TRKREIRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
AAL92477.1 -----SRKREMRLQKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKALIEELKSL
T26807 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
T26808 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
NP_499509.2 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
NP_499510.2 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
CAD45607.2 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
CAD56255.1 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
CAB54382.2 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
CAE67683.1 -----NRKRQVRLMKNREAAR-ECRRKKKEY-----VKCLENRVSVLENQNKALIEELKTL
CAD23072.1 -----ARKRELRLMKNREAAR-ECRRKKKEY-----IKCLENRVAVLENQNKTLEELKSL

CAD23073.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23074.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23075.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23076.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23077.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23078.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD23079.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24865.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24866.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24867.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24868.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24869.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24870.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24871.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
CAD24872.1 -----ARKRELRLLLKNRQAAR-ECRRKKKEY-----IKCLENRVAILENRNQTLEELKSL
AAR82739.1 -----SLKKIRRKIKNKISAQ-ESRRKKKEY----MDQLERRVEILVTENHDYKKRLEGL
NP_524087.3 -----SLKKIRRKIKNKISAQ-ESRRKKKEY----MDQLERRVEILVTENHDYKKRLEGL
CRBA_DROME -----SLKKIRRKIKNKISAQ-ESRRKKKEY----MDQLERRVEILVTENHDYKKRLEGL
A44494 -----SLKKIRRKIKNKISAQ-ESRRKKKEY----MDQLERRVEILVTENHDYKKRLEGL
XP_308098.1 -----SLKKIRRKIKNKISAQ-ESRRKKKEY----MDQLERRVDILVSENLEYRKRVEAL
AAH14097.1 -----ALKRVRRKIKNKISAQ-ESRRKKKEY----VECLEKKVETFTSENNELWKKVETL
NP_443086.1 -----ALKRVRRKIKNKISAQ-ESRRKKKEY----VECLEKKVETFTSENNELWKKVETL
NP_036087.1 -----ALKRVRRKIKNKISAQ-ESRRKKKEY----VECLEKKVETYTSENNELWKKVETL
XP_342467.1 -----ALKRVRRKIKNKISAQ-ESRRKKKEY----VECLEKKVETYTSENNELWKKVETL
AAH16447.1 -----ALKRVRRKIKNKISAQ-ESRRKKKEY----VECLEKKVETYTSENNELWKKVETL
BAC29155.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
BAC30798.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
AAS49162.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
NP_919047.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
XP_342661.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
CAD79343.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
CAD79344.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
NP_848776.1 -----ALKKIRRKIKNKISAQ-ESRRKKKEY----MDSLEKKVESCSTENLELRKKVEVL
NP_740985.2 -----SLKIVRRKIKNKLSAQ-ESRRKRKEY----IDALEGRLHCFSEENKSLKKQVHQL
NP_740986.2 -----SLKIVRRKIKNKLSAQ-ESRRKRKEY----IDALEGRLHCFSEENKSLKKQVHQL
NP_740987.2 -----SLKIVRRKIKNKLSAQ-ESRRKRKEY----IDALEGRLHCFSEENKSLKKQVHQL
T15656 -----SLKIVRRKIKNKLSAQ-ESRRKRKEY----IDALEGRLHCFSEENKSLKKQVHQL
CAE59060.1 -----SLKIVRRKIKNKLSAQ-ESRRKRKEY----IDALESRLHCFSEENKALKQVHQL
AAG43527.1 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
AAH09402.1 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
AAD09210.1 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
AAC04325.1 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
NP_006359.3 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
AAB69652.1 -----ILKRVRRKIRNKRS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNMMELQNKVQLL
NP_776711.1 -----VLKRVRRKIRNKKS AQ-ESRRKKKVY----VGGLESRVLYKYTAQNLELQNKVQLL
AAC37645.1 -----VLKRVRRKIRNKRAA Q-ESRKKKKVY----VVGLESRVLYKYTAQNRELQNKVQRL
BAB25173.1 -----VLKRVRRKIRNKRAA Q-ESRKKKKVY----VVGLESRVLYKYTAQNRELQNKVQRL
NP_038525.1 -----VLKRVRRKIRNKRAA Q-ESRKKKKVY----VVGLESRVLYKYTAQNRELQNKVQRL
XP_216492.2 -----VLKRVRRKIRNKRAA Q-ESRKKKKVY----VVGLESRVLYKYTAQNQELQNKVQHL
NP_663340.1 -----VLKKIRRKIRNKQSA Q-ESRKKKKKEY----IDGLENRMSACTAQNQELQRKVLHL
XP_234917.2 -----VLKKIRRKIRNKQSA Q-ESRKKKKKEY----IDGLENRMSACTAQNQELQRKVLHL
BAC34115.1 -----VLKKIRRKIRNKQSA Q-ESRKKKKKEY----IDGLENLMSACTAQNQELQRKVLHL
NP_115996.1 -----VLKKIRRKIRNKQSA Q-ESRKKKKKEY----IDGLETRMSACTAQNQELQRKVLHL
AAH55664.1 -----TLKRVRRKIRNKQSA Q-ESRKKKKVY----VDGLENRVAVCTAHNQELQKKVEML
AAO33070.1 -----VLKKVRRKIRNKQSA Q-DSRRRKKEY----IDGLESRVAACSAQNQELQKKVQEL
NP_570968.1 -----VLKKVRRKIRNKQSA Q-DSRRRKKEY----IDGLESRVAACSAQNQELQKKVQEL
BAB24315.1 -----ILKKIRRKIRNKQSA Q-DSRRRKKEY----LDGLESRVAACSEQNQKLQRKVLQEL

NP_084356.1 -----ILKKIRRKIRNKQSAQ-DSRRRKKEY-----LDGLESRVAACSEQNQKLQRKVQEL
CAE67216.1 -----DLKRIRRKIRNKRSAQ-TSRKRKQDY-----IEQLEDRVSESTKENQALKQOIQQL
NP_491897.1 -----DLKRIRRKIRNKRSAQ-TSRKRKQDY-----IEQLEDRVSESTKENQALKQOIERL
XP_321663.1 -----ELKRIRRKIRNKISAQ-DSRKRKKEY-----VDGLEERVKQCTEENQNLVKRIKIL
AAA97438.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
AAB47487.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
CAB89295.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
CAE83966.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
BAA91431.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
NP_004372.3 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
NP_059102.1 -----LLKRQQRMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
CAA66664.1 -----LLKRHERMIKNRESAC-QSRRKKKEY-----LQGLEARLQAVLADNQQLRRENAAL
BAC29389.1 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGSL
XP_129579.2 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGSL
AAH43662.1 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGSL
BAA34722.1 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGTL
NP_031374.1 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGTL
XP_222871.2 -----VLRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGSL
F34223 -----VIRRQQRMIKNRESAC-QSRKKKKEY-----MLGLEARLKAALSENEQLKKENGRL
NP_610159.1 -----KKYQRMICKNRESAS-LSRKKRKEY-----VVSLETRINKLEKECDSLKAENITL
NP_995745.1 -----KKYQRMICKNRESAS-LSRKKRKEY-----VVSLETRINKLEKECDSLKAENITL
EAA51693.1 -----LTSKERRQLRNKVSAR-AFRSRRKEY-----ITQLESEIANKVTENGDLRTQNRAL
XP_381731.1 -----LSSKERRQLRNKVSAR-AFRSRRKEY-----ITQLETEIANKVSENGDLRTQNRAL
EAA65980.1 -----LSSKERRQLRNKVSAR-AFRSRRKEY-----IGQLENEVAQKTNEAHELRRQNRAL
EAK87242.1 -----LSSKEKRLRNKISAR-NFRTRRKEY-----IGQLEDQIADRDTLIEGLRQQISQL
AAO51565.1 -----AKKKKIQMQNRQSAQ-QYRERKKEY-----LKELETIVDNLESDRNQLLQOTKQL
AAA33489.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
CAD36195.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
A34800 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
S06022 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17553.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17558.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17559.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17561.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17556.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17567.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17564.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17566.1 -----EERVRKRKESNRESAG-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17550.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17551.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17554.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17557.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17555.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17562.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17563.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAO17568.1 -----EERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIASL
AAO17560.1 -----EERVRKRKESNRKSAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIASL
AAO17569.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIASL
AAO17552.1 -----HERMRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
S42529 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKDLEDQVDKKAENSCLSRRLAAL
S56073 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKDLEDQVDKKAENSCLLRRLAAL
S42493 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVEQLKAENSCLLRRLAAL
AAM53650.1 -----EEKMRKRKESNRESAR-RSRYRKAHAH-----LKEMEDQVAQLKVENSLLRRLATL
OP2_MAIZE -----TEERVRK-KESNRESAR-RSRYRKAHAH-----LKELEDQVAQLKAENSCLLRRIAAL
AAB34363.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQL-----
CAD36198.1 -----EERVRKRKESNRESAR-RSRYRKAHAH-----LKELEDQVAQLIKSREFLPAE-----
AAL10017.1 -----DQRLQRRKQSNRESAR-RSRSRKAHAH-----LNELEAQVSQLRVENSLLRRLADV

AAL77201.1 -----DQRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
NP_909959.1 -----DQRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
T03605 -----DQRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
BAA36492.1 -----DQRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
T04477 -----DQRLRRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
JQ2147 -----QQRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVAQLRVENS SLLRRLADV
JQ2148 -----QQRQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVAQLRVENS SLLRRLADV
JC5175 -----QHRLQRRKQSNRESAR-RSRSRKA AH-----LNELEAQVSQLRVENS SLLRRLADV
BAB39173.1 -----EDKVKKRKESNRESAR-RSRSRKA AH-----LKDLEEQV SLLRVENS SLLRRLADA
CAA71795.1 -----AEKVNKRKESNRDSAR-RSRSRKA AH-----TKELEEQV SLLRVANNSLMRHLADV
T06767 -----AEKANKRKESNRDSAR-RSRSRKA AH-----AKELEEQV SLLRVANNSLMRHLADV
AAD21199.1 -----DQRKRKRMI SNRESAR-RSRMRKQKH-----LDDLMAQVSTLRKENDQIL TSMNVT
AAN61914.1 -----DQRKRKRMI SNRESAR-RSRMRKQKH-----LDDLMAQVSTLRKENDQIL TSMNVT
AAK92213.1 -----DQRKRKRMI SNRESAR-RSRMRKQKH-----LDDLMAQVATLRKENNQIL TSMNVT
AAN03468.1 -----DQRKRKRMI SNRESAR-RSRMRKQKH-----LDDLVSQVAQLRKENQIL TSVNIT
CAA68078.1 -----EQRKRKRMLSNRESAR-RSRMKKQKL-----LDDLTAQVNHLK KENTEIVTSVSIT
NP_195185.1 -----EQRKRKRMLSNRESAR-RSRMKKQKL-----LDDLTAQVNHLK KENTEIVTSVSIT
D96784 -----DERKKRKRKQSNRESAR-RSRMRKQKH-----LDDLTAQVTHLRKENAQIVAGIAVT
NP_177672.2 -----DERKKRKRKQSNRESAR-RSRMRKQKH-----LDDLTAQVTHLRKENAQIVAGIAVT
CAC00658.1 -----DQRKRKRMI SNRESAR-RSRMRKQKH-----LDELMAQAAQLRKENNQI I TTTNLT
AAG17474.1 -----DERKKRKRMLSNRESAR-RSRVRKQEH-----VDDLTAQINQLSNDNRQIL NSLTVT
NP_179408.1 -----DERKKRKRMLSNRESAR-RSRMRKQKH-----VDDLTAQINQLSNDNRQIL NSLTVT
AAK92214.1 -----DDRKRKRME SNRESAR-RSRMRKQQH-----LEELMSQMTQLQ NQNVLWREKIDAV
BAB13719.1 -----DDRKRKRME SNRESAR-RSRMRKQQH-----LEELMSQMTQLQ NQNVLWREKIDAV
AAD55394.1 -----DERKKRKRME SNRESAR-RSRMRKQQH-----LEELMSQMTQLQ NQNVLWREKIDAV
BAA34938.1 -----DERKKRKRME SNRECAR-RSRMRKQQR-----LGELMGETTQLHK QNSICRERIDSV
T02016 -----DERKKRKRME SNRESAR-RSRMRKQQR-----LGELMGETTQLHK QNSICRERIDSV
T17108 -----DERKKRKRKLSNRESAR-RSRMRKQQR-----LDELIAQESQMQEDNK KLRDTIN--
T17110 -----DERKKRKRKQSNRESAR-RSRMRKQQR-----LDELMAQESQMQEQEENK KLRDIID--
AAK92215.1 -----DEKKRKRMI SNRESAR-RSRMKKQKL-----LQDLTGEVSR LQVANKNLIKAI EET
CAC00657.1 -----DEKKRKRMI SNRESAR-RSRMKKQQH-----VDKLI AEMS QLQSQNKVVTQKINE--
NP_191801.1 -----DERKKRKRMI SNRESAR-RSRMRKQKQ-----LGDLINEVTLLKNDNAKITEQVDEA
AAM62538.1 -----DERKKRKRKLSNRESAK-RSREKKQKH-----LEEMSIQLNQLKIQNQELKNQLRYV
NP_566925.1 -----DERKKRKRKLSNRESAK-RSREKKQKH-----LEEMSIQLNQLKIQNQELKNQLRYV
T46042 -----DERKKRKRKLSNRESAK-RSREKKQKH-----LEEMSIQLNQLKIQNQELKNQL---
NP_176162.1 -----DDKKRRRTI SNRESAK-RSRMKKKKR-----FEELTEEVRNLNIRNQELKNRLANV
NP_179870.1 -----DDRKRKRME SNRESAK-RSRMRKQRH-----IDNLKDEANRLGLENRELANRL---
NP_195487.1 -----DERKKRKRME SNRESAK-RSRMRKQSH-----IDNLREQVNRLDLENRELGNRLRLV
AAR87318.1 -----ERRRQRRKVS NRLSAR-RSRARKQQR-----LEELRGESARLRAENRELAARLHAV
BAC79506.1 -----RRRRLRRKISNRESAR-RSRARRRQR-----VEELERADELRAERRALASRLDAT
AAG46064.1 -----DERRLRRKISNRESAR-RSRARKQRH-----LDEL RARAERLRRCNRELAAR----
BAB59117.1 -----DERKKRKRMLSNRESAR-RSRARKQQR-----LEELIAEAARLQAENARVEAQIGAY
S35193 -----DERKKRKRMLSNRESAR-RSRARKQQR-----LEELIAEAARLQAENARVEAQIGAY
S58692 -----DERKKRKRMLSNRESAR-RSRARKQQR-----LEELVAEVARLQAENAA TQARTAAAL
JQ0984 -----THRREKRRLSNRESAR-RSRLRKQQH-----LDELVQEVARLQADNARVAAR----
OCS1_MAIZE -----THRREKRRLSNRESAR-RSRLRKQQH-----LDELVQEVARLQADNARVAARARDI
CAE92374.1 -----DNRREKRRLSNRESAR-RSRLRKQQH-----LDELVQEVARLQADNARVAARARDI
NP_918198.1 -----EERKKRKRKESNRLSAQ-RSRARKQQQ-----LDELAGQVAALRARN GAL-----
AAK01953.1 -----DERKHRRMISNRESAR-RSRMRKQKH-----LDELWSQVVRLRTENHN LIDKLNHM
AAK25822.1 -----DERKHRRMISNRESAR-RSRMRKQKH-----LDELWSQVVRLRTENHN LIDKLNHM
NP_172817.2 -----DERKQRRMISNRESAR-RSRMRKQRH-----LDELWSQVIRLRTDNHCLMDKLN RV
NP_178489.1 -----DERKQRRMISNRESAR-RSRMRKQRH-----LDELWSQVIRLRTDNHCLMDKLN RV
NP_189674.1 -----NERKQRRMISNRESAR-RSRMRKQRH-----LDELWSQVMWLRIENHQLLDKLN NL
NP_197087.1 -----NERKQRRMVS NRESAR-RSRMRKQRH-----LDELLSQVAWLRS ENHQLLDKLNQV
AAO22653.1 -----NERKQKRKISNRESAR-RSRMRKQRQ-----VDELWSQVMWL RDNHQLLRKLN CV
NP_198696.1 -----NERKQKRKISNRESAR-RSRMRKQRQ-----VDELWSQVMWL RDNHQLLRKLN CV
NP_177054.1 -----NERKRRRKVS NRESAR-RSRMRKQRH-----MEELWSMLVQLINKNKSLVDELSQA

BAD09328.1 -----EERRRRRMVSNRESAR-RSRMRKQORQ----LSELWAQVEHLRGNRRLLDDELNRA
BAD16405.1 -----DERKKRRLVSNRESAR-RSRVRKQORR----LDELSSQVSELRDTNQRLLLEVELNHM
BAB10103.1 -----EERRARRMVSNRESAR-RSRMRKKKQ----IEELQQQVEQLMMLNHHLSEKVINL
NP_200891.1 -----EERRARRMVSNRESAR-RSRMRKKKQ----IEELQQQVEQLMMLNHHLSEKVINL
NP_850791.1 -----EEKRLRRMASNRESAR-RTRMRERMM----KEGLQMQVKQLMAYNQFLYNKYISL
T50499 -----EEKRLRRMASNRESAR-RTRMRERMM----KEGLQMQVKQLMAYNQFLYNKYISL
NP_568508.2 -----NVKRVKRMLSNRESAR-RSRRRKQAH----LSELETQVSQLRVENSCLMKGLTDV
NP_851088.1 -----NVKRVKRMLSNRESAR-RSRRRKQAH----LSELETQVSQLRVENSCLMKGLTDV
CAC79656.1 -----NVKRVKRMLSNRESAR-RSRRRKQAH----LSELETQVSQLRVENSCLMKGLTDV
AAG25729.1 -----NVKRVKRMLSNRESAR-RSRRRKQAH----LSELETQVSQLRVENSCLMKGLTDV
AAF67360.1 -----NVKRVKRMLSNRESAR-RSRRRKQAH----LSELETQV-----
AAL27150.1 -----DAKRVRRMLSNRESAR-RSRRRKQAH----LTELETQVSQLRVENSCLLKRLTDI
T07154 -----DAKRVRRMLSNRESAR-RSRRRKQAH----LTELETQVSQLRVENSCLLKRLTDI
CPR2_PETCR -----DAKRVRRMLSNRESAR-RSRRRKQAH----MTELETQVSQLRVENSCLLKRLTDI
S16321 -----DAKRVRRMLSNRESAR-RSRRRKQAH----MTELETQVSQLRVENSCLLKRLTDI
CAA04640.1 -----VSNRESAR-RSRKRKQAH----LADLESQVDQLRGENASLFKQLTDA
T03991 -----DVKRVRRMVSNRESAR-RSRKRKQAH----LADLESQVDQLRGENASLFKQLTDA
BAB39174.1 -----DVKRVRRMVSNRESAR-RSRKRKQAH----LADLESQVDQLRGENASLFKQLTDA
CAA04641.1 -----DVKRRRMVSNRESAR-RSRKRKQAH----LADLETQVDQLRGENASLFKQLTDA
T03990 -----DVKRRRMVSNRESAR-RSRKRKQAH----LADLETQVDQLRGENASLFKQLTDA
BAB39175.1 -----ETKRIRRMVSNRESAR-RSRRRKQAH----LSELESQVEQLKGENSSLFKQLTES
CAC79658.1 -----DVKRARRMLSNRESAR-RSRRRKQEQ----MNEFDTQVQQLRAEHSTLINRLSDM
NP_567003.2 -----DVKRARRMLSNRESAR-RSRRRKQEQ----MNEFDTQVQQLRAEHSTLINRLSDM
AAK96836.1 -----DVKRARRMLSNRESAR-RSRRRKQEQ----MNEFDTQAN-----
NP_192173.1 -----DVKKSRRMLSNRESAR-RSRRRKQEQ----TSDLETQVNDLKGEHSSLLKQLSNM
NP_849290.1 -----DVKKSRRMLSNRESAR-RSRRRKQEQ----TSDLETQVNDLKGEHSSLLKQLSNM
AAL87327.1 -----DVKKSRRMLSNRESAR-RSRRRKQEQ----TSDLETQVNDLKGEHSSLLKQLSNM
NP_568457.1 -----DLKRIRRMVSNRESAR-RSRRRKQEQ----LVDLETQVDSLKGDNSTLYKQL---
AAF65459.1 -----AMQRQKRMIKNRESAA-RSRERKQAY----IAELESVLTQLEEEENAKMFKEQEEQ
T04353 -----AMQRQKRMIKNRESAA-RSRERKQAY----IAELESVLTQLEEEENAKMFKEQEEQ
NP_915651.1 -----AMQRQKRMIKNRESAA-RSRERKQAY----IAELESVLTQLEEEENAKMFKEQEEQ
AAO72626.1 -----AMQRQKRMIKNRESAA-RSRERKQAY----IAELEAQVALEEEHAQLLREQEEQ
AAM63460.1 -----AAQRQRRMIKNRESAA-RSRERKQAY----QVELEALAAKLEEEENELLSKEI EDK
NP_199221.1 -----AAQRQRRMIKNRESAA-RSRERKQAY----QVELEALAAKLEEEENELLSKEI EDK
NP_171893.1 -----AAQRQKRMIKNRESAA-RSRERKQAY----QVELETAAKLEEEENEQLLKEIEES
AAK19600.1 -----MERRQRRMIKNRESAA-RSRARRQAY----TVELELELNNL TEENTKLKEIVEEN
NP_566870.1 -----MERRQRRMIKNRESAA-RSRARRQAY----TVELELELNNL TEENTKLKEIVEEN
T48926 -----MERRQRRMIKNRESAA-RSRARRQAY----TVELELELNNL TEENTKLKE-----
AAM75354.1 -----IERRHRRMIKNRESAA-RSRARKQAY----TVELEAELNHLKEENARLKA E-----
AAM75355.1 -----IERRHRRMIKNRESAA-RSRARKQAY----TVELEAELNHLKEENARLKA E-----
G84778 -----VERRQRRMIKNRESAA-RSRARKQAY----TVELEAELNQLKEENAQLKHALAEL
NP_565840.1 -----VERRQRRMIKNRESAA-RSRARKQAY----TVELEAELNQLKEENAQLKHALAEL
T12621 -----VERRQRRMIKNRESAA-RSRARKQAY----TVELEAELNMLKEENAQLKQALAEI
NP_915581.1 -----VERRQRRMIKNRESAA-RSRARKQAY----TVELEAELNMLKQENARLKE-----
AAK19601.1 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
NP_191244.1 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
NP_565948.1 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
T02112 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
CAD12766.1 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
BAC42739.1 -----VERRQKRMIKNRESAA-RSRARKQAY----THELEIKVSRLEEENERLRKQ-----
T12622 -----VERRQKRMIKNRESAA-RSRARKQAY----THELENKVSRL EEENERLRRE-----
NP_915950.1 -----MERRQKRMIKNRESAA-RSRARKQAY----TNELENKVSRL EEENVRLKRQKE--
T12585 -----VERRQKRMIKNRESAA-RSRARKQAY----THELENKISRLEEENERLRKQ-----
BAC79602.1 -----VERRQKRMIKNRESAA-RSRARKQAY----TNELENKISRLEEENERLRRE-----
BAC65865.1 -----GNRRHKRMIKNRESAA-RSRARKQAY----TNELELEVAHLQAENARLKRQODQL
BAC65866.1 -----GNRRHKRMIKNRESAA-RSRARKQAY----TNELELEVAHLQAENARLKRQODQL
BAC65867.1 -----GNRRHKRMIKNRESAA-RSRARKQAY----TNELELEVAHLQAENARLKRQODQL

CAD29860.1 -----GNRRHKRMIKNRESAA-RSRARKQAY-----TNELELEVAHLQAENARLKRQODQL
CAD29861.1 -----GDRRYKRMICKNRESAA-RSRARKQAY-----TNELELEIAHLQOTENARLKIQQEQQL
AAK39132.1 -----IERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVAKLKEENQGLQKKQAEI
CAB85632.1 -----IERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVAKLKEKNEELEKKQAEM
AAL86016.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVQKLKEQNMELOKKQEEI
BAD09357.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVQKLKEQNMELOKKQEEI
BAA83740.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVQKLKEQNMELOKKQEEI
AAS20434.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVAKLKEENDELQKKQEEM
NP_973981.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TVELEAEVAKLKEENDELQKQARI
AAO06115.1 -----VERRQRRMIKNRESAA-RSRARKQAY-----TMELEAEVQKLKDLNEELVKKQTEI
BAB02453.1 -----IERRQRRMIKNRESAA-RSRARKQAY-----TLELEAEIEKLKKTNQELQKK-----
NP_566629.1 -----IERRQRRMIKNRESAA-RSRARKQAY-----TLELEAEIEKLKKTNQELQKKQAEM
NP_564551.1 -----VERRQKRMICKNRESAA-RSRARKQAY-----TLELEAEIESLKLQDLQKKQAEI
NP_567949.1 -----IERRQKRMICKNRESAA-RSRARKQAY-----TMELEAEIAQLKELNEELQKK-----
NP_849490.1 -----IERRQKRMICKNRESAA-RSRARKQAY-----TMELEAEIAQLKELNEELQKKQVCL
BAB61098.1 -----VERRRKRMIKNRESAA-RSRDRKQAY-----TLELETEVAKLKEIKQELQKK-----
BAC79182.1 -----GDRRKRMIKNRESAA-RSRARKQAR-----VNNLETEVEQLKQENKMLRVKYEQ-----
NP_199105.1 -----VDKCLRRIKNRESAA-RSRARKQAR-----TMEVEVELEENLKKDYEELKQHVCL
AAL79735.1 -----DDRRTIRMMRNRESAL-RSRARKRAY-----VEELEKEVRRLLVDDNLNLKQK-----
BAD08955.1 -----VERRKRRAMKNRESAE-RSRARKQAY-----LQELEQEVRLLRANAALRHQCHQL
AAA68429.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDQL
S50821 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDQL
A38486 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDQL
BAA02303.2 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDQL
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T05716 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDQL
S50822 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELAQKVSELTAANGTLRSELDHL
BAC83673.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELARKVAELTTENSALRSELDQL
BAD11353.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----CEELARKVAELTTENSALRSELDQL
CAB62402.1 -----EIKRERRKQSNRESAR-RSRLRKQAE-----CEELARKVAELTTENSALRAELDNL
CAE53907.1 -----EIKRERRKQSNRESAR-RSRLRKQAE-----CEELSRKVAELTTENNALRTELDQL
T06512 -----EIKRERRKQSNRESAR-RSRLRKQAE-----CEELSRKVAELTTENNALRTELDQL
NP_182150.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
S20885 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
AAA90947.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
NP_850449.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
T07882 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
T07887 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEALTAENMALRSELNQL
T09120 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARRVESLSAENMALKSEVNLL
AAD42937.1 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELAKKVQTLTAENMTLRSEINKL
NP_917345.1 -----ESKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVELLTAENTSLRREISRL
T03373 -----ESKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVELLTAENTSLRREISRL
T02084 -----ELKREKRKQSNRESAR-RSRLRKQAE-----TEELATQVESLAAENTSLRSEIGRL
T07150 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEMLTAENVSLKSEITRL
T07151 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEMLTAENVSLKSEITRL
T10985 -----ELKRERRKQSNRESAR-RSRLRKQAE-----TEELARKVEMLTAENVSLKSEITQL
CAA42915.1 -----ELKREKRKQSNRESAR-RSRLRKQAE-----AEELAIRVQSLTAENMTLKSEINKL
TAF1_TOBAC -----ELKREKRKQSNRESAR-RSRLRKQAE-----AEELAIRVQSLTAENMTLKSEINKL
S53020 -----ELKREKRKQSNRESAR-RSRLRKQAE-----AEELAIRVQSLTGENMTLKSEINKL
S53021 -----EMKREKRKQSNRESAR-RSRLRKQGE-----AEELAIRVQSLTSENGLKSEINNF
CPR1_PETCR -----DLKRERRKQSNRESAR-RSRLRKQAE-----AEELAIKVDLSLTAENMALKAEINRL
S16322 -----DLKRERRKQSNRESAR-RSRLRKQAE-----AEELAIKVDLSLTAENMALKAEINRL
NP_192021.1 -----EVKREKRKQSNRESAR-RSRLRKQAE-----TEQLSVKVDALVAENMMLRSLKGLGQL
T01728 -----EVKREKRKQSNRESAR-RSRLRKQAE-----TEQLSVKVDALVAENMMLRSLKGLGQL
AAM62869.1 -----EVKREKRKQSNRESAR-RSRLRKQAE-----TEQLSVKVDALVAENMMLRSLKGLGQL
S66310 -----EVKREKRKQSNRESAR-RSRLRKQAE-----TEELSVKVDALVAENMMLRSLKGLGQL
T10472 -----EVKREKRKQSNRESAR-RSRLRKQAE-----TEELSVKVDALVAENMMLRSLKGLGQL

T10244 -----EVKKREKRKQSNRESAR-RSRLRKQAE-----TEELSLKVDALVAENMTLRSKLAQL
A54415 -----EVKKQKRKQSNRESAR-RSRLRKQAE-----WEEVASRADLLKQENSSLKEELKQL
AAL77202.1 -----ADAWEKRRKQSNRESAR-RSRLRKQAE-----WEEVANRADLLKQENSSLKEELKQL
NP_195391.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLSNENQSLRDELQRL
NP_849510.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLSNENQSLRDELQRL
S20883 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLSNENQSLRDELQRL
AAB25116.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLSNENQSLRDELQRL
AAK96765.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CERLQQRVESLSNENQSLRDELQRL
S51307 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLTSENQSLRDELQRL
S66312 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEQLQQRVESLTSENQSLRDELQRL
AAK14790.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEELQQRVETLSNENRALRDELQRL
CAC00656.1 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEELQQRVETLSNENRALRDELQRL
S42393 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEELQRRVEALSHENHSLKDELQRL
S42392 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEELQHKVETLSNENHGLKEELRKV
T07148 -----ELKKQKRKQSNRESAR-RSRLRKQAE-----CEELQKRVESLGSSENQTLREELQRV
T11751 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CEDLQKRVTLSNENRRTLREELQRL
CPR3_PETCR -----ELKRQRRKQSNRESAR-RSRLRKQAE-----SDELQERLDNLSKENRILRKNLQRI
AAD42938.1 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEALKEENNSLRAEVSLI
AAK39131.1 -----EIKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEALKEENASLRSEVSRI
T14909 -----ELKRQKRKQSNRESAR-RSRLRKQAE-----CDELAQRAEALKEENASLRAELSRF
T14911 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLQEENASLRAELGRA
AAK39130.1 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRADVLKEENATLRAEVSRI
T12092 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRADVLSEENASLRAELSRF
S42394 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLKEENASLRAELSCL
AAO06116.1 -----ELKRQKRKQSNRDSAR-RSRLRKQAE-----CEELAQRAEVLKQENASLKDEVSRI
T03241 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CEELAQRAEVLKQENTSLRDEVNRI
BAD07975.1 -----ELKKQKRKQSNRESAR-RSRLRKQAE-----CEELSVRADNLRAENSSLRAELERI
HBPA_WHEAT -----ELKKQKRKLSNRESAR-RSRLRKQAE-----CEELGQRAEALKSENSSLRIELDRI
G84769 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLNEENTNLRAEINKL
NP_850248.2 -----ELKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLNEENTNLRAEINKL
H86445 -----EIKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLNGENSSLRAEINKL
NP_174494.2 -----EIKRQRRKQSNRESAR-RSRLRKQAE-----CDELAQRAEVLNGENSSLRAEINKL
AAF79444.1 -----EERRIRRILANRESAR-QTIRRRQAM-----CEELSKKAADLTYENENLRREKDWA
NP_173381.1 -----EERRIRRILANRESAR-QTIRRRQAM-----CEELSKKAADLTYENENLRREKDWA
T03242 -----EAKRLRRVLANRESAR-KTILRRQAI-----RDELARKVADLSSQNETMKKEKDVV
T03245 -----EAKRLRRVLANRESAR-QTILRRQAI-----RDELARKVADLSTQNESMKKERETV
AAC04862.1 -----DPKRAKRILANRQSAA-RSKERKTRY-----TSELERKVQTLQTEATTLTSAQITLL
BAA97100.1 -----DPKRAKRILANRQSAA-RSKERKIRY-----TSELERKVQTLQTEATTLTSAQITVL
AAL87668.1 -----DPKRAKRILANRQSAA-RSKERKIKY-----TSELERKVQTLQTEATPLTSAQLTLL
AAO72544.1 -----DPKRAKRILANRQSAA-RSKERKIKY-----TGELERKVQTLQTEATTLTSAQLTLL
AAM62924.1 -----DPKRAKRIWANRQSAA-RSKERKMRY-----IAELERKVQTLQTEATSLTSAQLTLL
NP_172097.1 -----DPKRAKRIWANRQSAA-RSKERKMRY-----IAELERKVQTLQTEATSLTSAQLTLL
NP_180695.1 -----DPKRAKRIWANRQSAA-RSKERKTRY-----IFELERKVQTLQTEATTLTSAQLTLL
T03580 -----DPKRAKRIWANRQSAA-RSKERKMRY-----IAELERKVQTLQTEATTLTSAQLLALL
CAD41260.1 -----DPKRAKRILANRQSAA-RSKERKMRY-----IAELERKVQTLQTEATTLTSAQLSML
AAR28765.1 -----DPKRAKRILANRQSAA-RSKERKARY-----ITELERKVQTLQTEATTLTSAQLTLF
BAC84100.1 -----DPKRAKRILANRQSAA-RSKERKARY-----ITELERKVQTLQTEATTLTSAQLTLF
NP_181594.1 -----DPKRAKRILANRQSAA-RSKERKARY-----ILELERKVQTLQTEATTLTSAQLSLF
T52624 -----DPKRAKRILANRQSAA-RSKERKARY-----ILELERKVQTLQTEATTLTSAQLSLF
D86203 -----DPKRAKRILANRQSAA-RSKERKARY-----IQELERKVQSLQTEATTLTSAQLTLY
NP_172170.1 -----DPKRAKRILANRQSAA-RSKERKARY-----IQELERKVQSLQTEATTLTSAQLTLY
CAD12036.1 -----DPKRAKRILANRQSAA-RSKERKARY-----IQELERKVQSLQTEATTLTSAQLTLY
NP_850168.1 -----DPKRAKRIWANRQSAA-RSKERKTRY-----IFELERKVQTLQTEATTLTSAQLTLL
AAF37279.4 -----DPKRAKRILANRQSAA-RSKERKIRY-----TGELERKVQTLQNEATTLTSAQVTML
NP_564486.1 -----DPKRAKRILANRQSAA-RSKERKIRY-----TGELERKVQTLQNEATTLTSAQVTML
AAM63070.1 -----DPKRAKRILANRQSAA-RSKERKIRY-----TGELERKVQTLQNEATTLTSAQVTML
AAL87314.1 -----DPKRVKRILANRQSAA-RSKERKMRY-----IVELEHKVQTLQTEATTLTSAQLTLL

NP_195601.1 -----RILANRQSAA-RSKERKMRY----IVELEHKVQTLQTEATTLTSAQLTLL
NP_849520.1 -----DPKRVKRILANRQSAA-RSKERKMRY----IVELEHKVQTLQTEATTLTSAQLTLL
BAA76425.1 -----DPKRAKRILANRQSAA-RSKERKMRY----ISELEHKVQTLQTEATTLTSAQLTLL
NP_179719.1 -----DPKRVKRILANRVSA-RSKERKTRY----MAELEHKVQTLQTEATTLTSAQLTHL
NP_973502.1 -----DPKRVKRILANRVSA-RSKERKTRY----MAELEHKVQTLQTEATTLTSAQLTHL
NP_912474.1 -----DPKRVKRVLANRQSAA-RSKERKMRY----IAELEQKVQILQSEATNLNSAQLTMM
NP_922490.1 -----DPKRVKRVLANRQSAA-RSKERKMRY----IAELEQKVQILQTEATTLTSAQLTLL
BAD09726.1 -----DPKRVKRILANRQSAA-RSKERKMRY----IQELEHKVQVQLQTEATTLTSAQLTML
AAL78371.1 -----DPKRVKRILANRQSAA-RSKERKMRY----IQKLEHKVQVQLQTEASTLSHSLKCL
CAA05898.1 -----DPKRAKRILANRLSAA-RSKERKTRY----ISELEHKVQKQLQTETTTTLSTQVTTIL
S52203 -----DPKRAKRILANRLSAA-RSKERKTRY----ISELEHKVQKQLQTETTTTLSTQVTTIL
CAA52015.1 -----DPKRAKRILANRLSAA-RSKERKTRY----ISELEHKVQKQLQTETTTTLSTQVTTIL
CAD39525.2 -----DPRRVKRILNRRASAT-KSKEKMKH----VGELQRKQLQVQSETTTTLGAQVTVM
AAL69473.1 -----DPKRVKRILANRQSAQ-RSRVRKLQY----ISELERSVTSLSQAEVSVLSPRVAFL
NP_850369.1 -----DPKRVKRILANRQSAQ-RSRVRKLQY----ISELERSVTSLSQAEVSVLSPRVAFL
NP_191371.1 -----DPKRVKRILANRQSAQ-RSRVRKLQY----ISELERSVTSLSQTEVSVLSPRVAFL
NP_913295.1 -----DPKRVKRILANRQSAQ-RSRVRKLQY----ISELERSVTSLSQTEVSALSPRVAFL
NP_178948.1 -----DPKEVRRILKNRESAA-HLKQKKLQY----MINLEHRINFVENENASIFEKIKLL
NP_178956.1 -----DPKEVRRILKNQESAA-RSKQKKLQY----MINLELKNINFLKNNASIFEKIKLL
NP_565355.1 -----DPKKVRRILKNRELA-SSKQKRLKY----MIDLEHRIFLENKNALIFEKIKLL
NP_850010.1 -----DAKKYKRMLANRASAA-RSKENREKK----IRDMELRVETLENTQASLFGTMTLL
NP_199756.1 -----DEKKRKRKLSNRESAR-RSRLKKQKL----MEDTIHEISSLERRIKENSERCRAV
AAM96961.1 -----DEKKRARLMNRRESAQ-LSRQRKKHY----VEELEEKVRNMHSTITDLNGKISYF
NP_565946.1 -----DEKKRARLMNRRESAQ-LSRQRKKHY----VEELEEKVRNMHSTITDLNGKISYF
T00759 -----DEKKRARLMNRRESAQ-LSRQRKKHY----VEELEEKVRNMHSTITDLNGKISYF
TGAB_TOBAC -----DEKKRARLVNRRESAQ-LSRQRKKHY----VEELEDKVRIMHSTIQDLNAKVAYI
NP_191225.1 -----EKKKNVRLVNRRESAH-LSRQRKKHY----VEELEDKVKNMHSTISELSSKMSYF
AAO00862.1 -----DKRKLIRQIRNRESAQ-LSRLRKKQO----TEELERKVKSMNATIAELNGKIAYV
NP_187691.1 -----DKRKLIRQIRNRESAQ-LSRLRKKQO----TEELERKVKSMNATIAELNGKIAYV
NP_913739.1 -----EAKRRARLVNRRESAH-QSRSRKKQY----VEELEGKVKVMQATIAELGTARISCV
AAO51139.1 -----ELKKQRRLVKNREYAS-QSRSRKKIY----VENIETKLQKTNQDCASIKSQLNSV
NP_174998.1 -----VAKKRRRVRNRDAAV-RSRERKKEY----VQDLEKKSXYLERECLRLGRMLECF
AAO22523.1 -----ETKRLKRLLRNRVSAQ-QARERKKAY----LGELENRVKDLENRNSELEERLSTL
NP_568246.1 -----ENKRLKRLLRNRVSAQ-QARERKKAY----LSELENRVKDLENKNSELEERLSTL
CAB57979.1 -----ENKRLKRLLRNRVSAQ-QARERKKAY----LIDLEARVKELETKNAELEERLSTL
T08591 -----ESKRLKRLLRNRVSAQ-QARERKKAY----LIDLETRVKDLEKKNSELKERLSTL
T08592 -----ESKRLKRLLRNRVSAQ-QARERKKAY----LIDLETRVKDLEKKNSELKERLSTL
BAC20318.1 -----ESKRLKRLLRNRVSAQ-QARERKKAY----LTDLETQVKDLETNNSSELKERLSTL
T12093 -----ESKRLKRLLRNRVSAX-QARERKKAY----LSDLETRVNDLEKKNSELKEKLSTL
BAD15505.1 -----EHKRLKRLLRNRVSAQ-QARERKKAY----LNDLEVKVKDLEKKNSELEERFSTL
NP_916476.1 -----EQNRLKRLLRNRVSAQ-QARERKKAY----MTELEAKAKDLELRNAELEQRVSTL
NP_850604.1 -----EYRSLKRLLRNRVSAQ-QARERKKVY----VSDLESRANELQNNNDQLEEKISTL
NP_850605.1 -----EYRSLKRLLRNRVSAQ-QARERKKVY----VSDLESRANELQNNNDQLEEKISTL
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CAC88375.1 -----EQRRIERVLRNRRAAQ-TSRERKRLE----MEKLESEKIDMEQQNQFLLQRLAQM
EAA66464.1 -----EQRRIERVLRNRRAAQ-TSRERKRLE----MEKLESEKIDMEQQNQFLLQRLAQM
AAQ73495.1 -----EQRRIERVLRNRRAAQ-TSRERKRLE----MEKLENEKIQMEQQNQFLLQRLSQM
CAC88374.1 -----EQRRVERVLRNRRAAQ-SSRERKRLE----VEALE-----KRNKELETLLINV
XP_329046.1 -----EQRRVERVLRNRRAAQ-SSRERKRLE----VEGLE-----RRNKELE-----
XP_391799.1 -----EQRRVERVLRNRRAAQ-SSRERKRQE----VEALE-----KRNQEEEFMAA
EAA47880.1 -----EQRRVERVLRNRRAAQ-SSRERKRQE----VEALE-----QRNAALEQQLLHF
EAK84647.1 -----KARLEARQARNLSAQ-YSRERKKAY----VETLEG-----SLNAL
NP_034887.1 -----RLKQRRRTLKNRGYAA-SCRIKRVTQ----KEELERQRVELQOEVEKLARENSM
NP_663706.1 -----RLKQRRRTLKNRGYAA-SCRIKRVTQ----KEELERQRVELQOEVEKLARENSM
NP_002351.1 -----RLKQRRRTLKNRGYAA-SCRIKRVTQ----KEELERQRVELQOEVEKLARENSM
A49391 -----RLKQRRRTLKNRGYAA-SCRIKRVTQ----KEELERQRVELQOEVEKLARENSM
AAH60834.1 -----RLKQRRRTLKNRGYAA-SCRIKRVTQ----KEELERQRVELQOEVEKLARENSM

NP_990087.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELERQQRVELQQEVEKLAARENSSM
 BAB41097.1 - - - - - QLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELEKQKQKAEELQQEVEKLAENASMS
 NP_002350.1 - - - - - QLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELEKQKQKAEELQQEVEKLAENASMS
 NP_034886.1 - - - - - QLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELEKQKQKAEELQQEVEKLAENASMS
 MAFG_CHICK - - - - - QLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELEKQKQKAEELQQEVEKLAENASMS
 AAH67680.1 - - - - - QLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELERQKQKAEELQQEVEKLAENASMS
 NP_034885.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKSELEREVDKLAENASMS
 NP_036455.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKSELEREVDKLAENASMS
 XP_345858.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKSELEREVDKLAENASMS
 AAP36863.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKSELEREVDKLAENASMS
 JC7112 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKSELEREVDKLAENASMS
 NP_990088.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KEELQKQKMELEWEVDKLAENASMS
 NP_956630.1 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - REALEQQKQKELQQEVEKLAENASMS
 NP_611500.1 - - - - - RMKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KDELETEKKSIEWTELEQMHEDNEQV
 XP_311544.1 - - - - - RMKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KDELETEKKSIEWTELEQMHEDNEQV
 A56235 - - - - - RLKQRRRTLKNRGYAA - SCRIVKRVTVQ - - - - - KHHLENEKTQLIQQVEQLKQEVTRL
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NP_179268.2 -----ESSGKKRPLGNREAVR-KYREKKKAK-----AASLEDEVMRLKAVNNQLLKRLQ--
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T05774 -----GKKGEKRPLGNREAVR-KYREKKKAK-----AASLEDEVARLRVAVNQQLVKRLQONQ
AAM63358.1 -----GKKGEKRPLGNREAVR-KYREKKKAK-----AASLEDEVARLRALNQQLVKRLQONQ
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NP_850680.1 -----DSSNKKRLCGNREAVR-KYREKKKAK-----TAYLEDEVMRLOSLNEQFLRKLQSQ
T49075 -----DSSNKKRLCGNREAVR-KYREKKKAK-----TAYLEDEVMRLOSLNEQFLRKLQSQ
NP_915829.1 -----ELRKTRKPLGNREAVR-KYREKKKAH-----AAFLEEEVKKLRTTNQQLLRRLQ--
AAP06202.1 -----ELRNRRRRLQNRRYAR-KCASKKQSEVEKLATEVEVEEVEIQALRSQLSRTNLAT
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T07033 -----IEKVLRRRLAQNREAAAR-KSRLRKKAY-----VQOLENSKLLIQLEQEL-----
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AAB31251.2 -----IDKVRRLRLAQNREAAAR-KSRLRKKAY-----VQOLENSKLLIQLEQELER-----
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S17715 -----IDKVLRRRLAQNREAAAR-KSRLRKKAY-----VQOLENSKLLIQLEQELER-----
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NP_201324.1 -----PDKIQRRLAQNREAAAR-KSRLRKKAY-----VQOLETSRLKLIQLEQEL-----
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S48121 -----PDKIQRRLAQNREAAAR-KSRLRKKAY-----VQOLETSRLKLIHLEQEL-----
CAD41728.3 -----PDKVLRRRLAQNREAAAR-KSRLRKKAY-----IQOLETSRLKLAQLEQELQR-----
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NP_564156.1 -----NDKMKRRLAQNREAAAR-KSRLRKKAH-----VQOLEESRLKLSQLEQEL-----
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AAK84890.1 -----DQKTLRRLAQNREAAAR-KSRLRKKAY-----VQOLESSRLKLTQLEQELQR-----
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CAC40649.1 -----DPKTLRRLAQNREAAAR-KSRLRKKAY-----VQOLESCRIKLTQLEQEIQR-----
BAB72064.1 -----DHKTLRRLAQNREAAAR-KSRLRKKAY-----IQNLESSRLKLTQIEQEELQR-----
NP_915902.1 -----DHKTLRRLAQNREAAAR-KSRLRKKAY-----IQNLESSRLKLTQIEQEELQR-----
HBB2_WHEAT -----DHKSLRRLAQNREAAAR-KSRLRKKAY-----IQNLESSRLKLTQLEQEELQR-----
S33222 -----DQKTLRRLAQNREAAAR-KSRLRKKAY-----IQNLESSRLKLTQLEQEELQR-----
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BAB72061.1 -----DQKVLRRRLAQNREAAR-KSRLRKKAY----VQQLSSKLLKSLASLEQEINK-----
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AAD19660.1 -----DQRTLRRRLAQNREAAR-KSRLRKKAY----VQQLNSRIRLAQLEEEELKR-----
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AAA87944.1 -----QGRTRKRKQSGQCAAR-AGKQRMKEK----EQENERKVAQLAEENERLKLKLEIERL
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AAR97288.1 -----DKSKNKSRSQNIASRNYRQRKKDH----ISEVEFKVQQLSLENERLKLQENHLL
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EAA38700.1 -----DLDTDKRKENGRLAAK-RYRERVKED----QILLKEDLQKLREDNLRLEENAAL
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AAL60202.1 -----EEKALRRKLNKRVAAQ-TARDRKKAR----MSELEQQVVDLEENHKLQLENQLL
BAB82982.1 -----EEKALRRKLNKRVAAQ-TARDRKKAR----MSELEQQVVDLEENHKLQLENQLL
XBP1_HUMAN -----EEKALRRKLNKRVAAQ-TARDRKKAR----MSELEQQVVDLEENHKLQLENQLL
AAH15709.1 -----EEKALRRKLNKRVAAQ-TARDRKKAR----MSELEQQVVDLEENHKLQLENQLL
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AAL75953.1 -----EEKALRRKLNKRVAAQ-TARDRKKAK----MGELEQQVLELELENQKLHVENRLL
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XP_310116.1 -----EEKIQRKKLKLNKRVAAQ-TSRDRKKAK----MEEMEKTIQEQSEQIEQLQNRCSAL
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T24253 -----EEKMDRRKLNKRVAAQ-NARDKKKER----SAKIEDVMRDLVEENRRLRAENERL
NP_497840.2 -----EEKMDRRKLNKRVAAQ-NARDKKKER----SAKIEDVMRDLVEENRRLRAENERL
CAE72866.1 -----EEKMDRRKFNKRVAAQ-NARDKKKER----SGKIDEVMRKLVEENRRLRAENEKL
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AAG29915.1 - - - - -KQKLERRRKRNRDASR - RRRREQTDY - - - - -VDKLHEACEELQRANEHLRKEIRDL
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BAC21159.1 -----LNKKDRKKLQNKNAAI-RYRQKKKNE-----AVGIKSEEQVLEEENSKLKVKVEDL
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XP_319661.1 -----EEKKSRKKEQNKNAAT-RYRQKKKAE-----IEEILIEESKLRERNDDELKRKSQDL
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NP_524897.1 -----EDRKIRKKEQNKNAAT-RYRQKKKLE-----MENVLGEEHVLSKENEQLRRTLQER
NP_724333.1 -----EDRKIRKKEQNKNAAT-RYRQKKKLE-----MENVLGEEHVLSKENEQLRRTLQER
NP_506515.1 -----DEETDRRMLNRIAIV-RYREKKRAE-----KKGRKMEFQEVADRNRILLQKERQL
NP_872160.1 -----DEETDRRMLNRIAIV-RYREKKRAE-----KKGRKMEFQEVADRNRILLQKERQL
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CAE63232.1 -----PEKKERKKAQNRLAAT-RYREKKRRE-----KEEALTCIEGLTVTNLKLKQVSEL
NP_510456.1 -----PEKKERKKAQNRLAAT-RYREKKRRE-----KEEAMTCIEGLSVTNGKLDQVSEL
CAE73317.1 -----EEILRRKRIQNNLAAA-RYRKRQREA-----RESAEQELGDLTKRNDDELREQVYRM
NP_496919.1 -----EEILRRKRIQNNLAAA-RYRKRQREA-----RESAESELGDLTRRNDDELRDQVSRM
CAE58480.1 -----RKREQNKVAAA-RYRDKQKAK-----WQDLLDKREVEEKRNVRLLKQVEKL
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AAM00250.1 -----HLSRITKRQLNTLAAR-RYRQKLDK-----VAQLEEEELAAVKRERDELKMRVSKL
CAC14775.1 -----GSSKIRKRQRNTEAAR-RYRQKLDK-----ASELEEALEAMGKERDELRLKLAKA
EAA46874.1 -----DEILADKRRRNNAAAA-KYRQKKVDR-----ISELEDCVAEISKERDDLKLQAKR
XP_328761.1 -----KRQRNNTIAAK-KYRQKKIDR-----IQELEEEVDQIKKEREELRLMLAKR
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NP_726489.1 -----RSRDEDCMERRRAAAS-RYRNKMRNE-----HKDLIKQNAQLQOENQELHERISRL
CAE64642.1 -----VSEDEKKRLRNTEAAR-RCREKIKRK-----TDDLEQQLTGLTAQNDLMNQHRIRL
NP_506292.1 -----VSEDEKKRLRNTEAAR-RCREKIKRK-----TDDLETELTRLTARNEVMNQHRIRL
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CEBA_HUMAN -----SNEYRVRRRERNNIAVR-KSRDKAKQR----NVETQQKVLELTSDNDRLRKRVEQL
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I51171 -----STEYRVRRRERNNIAVR-KSRDKAKMR----NVETQQKVVELSNDNEKLRKRVEQL
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CAA10944.1 -----SLEYRLRRERNNIAVR-KSRDKAKRR----ILETQQKVLELYMAENERLRSRVEQL
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BAC92757.1 -----SPEYRQRRERNNIAVR-KSRDKAKRR----NVDMQQRLLELSSENEKLRHKKIELL
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I51172 -----SPEYRQRRERNNIAVR-KSRDKAKRR----NMDMQQKLELSSENEKLRHKKIDML
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CEB_DROME -----TDEYRRRRERNNIAVR-KSREKAKVR----SREVEERVKSLLKEKDALIRQLGEM
CEB_DROVI -----TEEYRRRRERNNIAVR-KSREKAKVR----SKEVEERVKSLLKEKDALIRQLSEM
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S26300 -----SDEYRQRRERNNMVAVK-KSRLKSKQK----AQDTLQRVNQLKEENERLEAKIKLL
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NP_571961.1 -----SDEYRQRRERNNLAVK-KSRMRSKQK----AQDTQQRVNELKEENERLEAKIKLL
XP_315443.1 -----DDEYRRKRDRNNQAVK-RSRVKSMMK----TEETQQRVNDLRLKNQLLEDKIDNQ
A53066 -----TQEYVDKRRARNNVAVR-KSRAKAKEK----QRETEGRVKSLLDQNDQLQKKVDLL
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AAQ22473.1 - - - - -DAAYYERRRKNNAAK - KSRDRRIK - - - - EDEIAIRAAYLERQNIELLCQIDAL
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S17370 - - - - -DAAYYERRRKNNAAK - KSRDRRIK - - - - EDEIAIRAAYLERQNIELLCQIDAL

NP_572367.1 -----DTAYYERRRRKNNAAAK-KSRDRRRRIK-----EDEIAIRAAYLERQNIPELLCRIDAL
XP_321187.1 -----DSAYYERRRKNNAAAK-KSRDRRRRIK-----EDEIAIRAAFLERENIELKFEELAAA
CAE55183.1 -----DPSYWEKRRRKNNEAAK-RSRDARRAK-----EDEIAIRCAFLERENCHLKFVTDTL
NP_504576.1 -----DVAYWERRRRKNNDAAK-RSRDQRRMK-----EDEMAHRATSLERENMLLRVELDQL
T31706 -----DVAYWERRRRKNNDAAK-RSRDQRRMK-----EDEMAHRATSLERENMLLRVELDQL
CAE64514.1 -----DEAYWERRRRKNNDAAK-RSRDQRRRIK-----EDEMACRAANLEHENMLLRVELDQL
CAE72616.1 -----DSAYFERRRRKNNDAAK-RSRDARRQK-----EEAIASKAQKLEQENLQLRGQIQLL
NP_493610.1 -----DSAYFERRRRKNNDAAK-RSRDARRQK-----EEQIASKAHALERENMQLRGKVSSL
NP_611101.1 -----DAKYFERRRRKNNEAAK-RSRDARKIR-----EDRIAFRAALLEQENSILRAQVLAL
AAC59867.2 -----DDCYWDKRRRKNNEAAK-RSREKRRAG-----DLALEGRVIALLEENARLRAELLAL
AAC59875.1 -----DDSYWDKRRRKNNEAAK-RSREKRRAG-----DLVLEGRIIALLEENARLRAELLAL
AAH08197.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
CAA45597.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
NP_989949.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
NP_446179.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
NP_059069.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
NP_005375.1 -----DAMYWEKRRRKNNEAAK-RSREKRRLN-----DLVLENKLIALLGEENATLKAELLSL
AAH60943.1 -----DASYWEKRRRKNNEAAK-RSREKRRLN-----DMVLENRVIALNDENVRLKTELLQL
XP_372707.1 -----DTVYWEKRRRKNNEAAK-RSREKRRLN-----DAAIEGRLAALMEENALLKGELKAL
AAM29449.1 -----DESYWDRRRRNNEAAK-RSREKRRYN-----DMVLEQRVIELTKENHVLKAQLDAI
NP_723075.1 -----DESYWDRRRRNNEAAK-RSREKRRYN-----DMVLEQRVIELTKENHVLKAQLDAI
CAA72535.1 -----DESYWDRRRRNNEAAK-RSREKRRYN-----DMVLEQRVIELTKENHVLKAQLDAI
NP_477191.1 -----DESYWDRRRRNNEAAK-RSREKRRYN-----DMVLEQRVIELTKENHVLKAQLDAI
XP_317705.1 -----DDSYWDRRRRNNEAAK-RSREKRRFN-----DMVLEQRVVELTKENHVLKAQLDAI
CAE68044.1 -----DESYWDRRRRNNEAAK-RSREKRRFN-----DMVLEQRVVELTKENHVLKAQLDAI
NP_502961.1 -----DEAYLDRRRRNNEAAR-KSRESRKKV-----DQDNSVRVTYLERENQCLRVYVQQL
AAC49425.1 -----DKIKQERRRRKNTEASQ-RFRIKKKQK-----NFENMNKLQNLNTQINKLRDRIEQL
NP_012282.1 -----DKIKQERRRRKNTEASQ-RFRIKKKQK-----NFENMNKLQNLNTQINKLRDRIEQL
XP_386827.1 -----SKKADEKRRQNAVAST-RHRRKKKIM-----QEENSKQLQELDRDERRLMEIRIEEL
AAD38380.1 -----EDKRRRNNTAASA-RFRVKKKMR-----EQALEKTQVQDTRTEKNAALEARVVAL
EAA62399.1 -----RAAEEDRRRRNNTAASA-RFRMKKKQR-----EQTLERTVRETTEKNASLEARVAQL
CYS3_NEUCR -----EDKRRRNNTAASA-RFRIKKKQR-----EQALEKSAKEMSEKVTQLEGRIQAL
XP_385347.1 -----HAAEEDKRRRNNTAASA-RFRIKKKQR-----EQALEKSAKEMSEKVSVLESKVSQAL
NP_594523.1 -----TAAEEDKRRRNNTAASA-RFRIKKKQR-----EQALEKSAKEMSEKVSVLESKVSQAL
EAL01493.1 -----KRRRNNTAASA-RFRIKKKQR-----EQALEKSAKEMSEKVSVLESKVSQAL
EAK98059.1 -----KRRRNNTAASA-RFRFKKKLR-----EKQMETKINNLEDLIVNLENQLNNL
1DGC -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
1YSAD -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
1LD4 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
1YSAC -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
2DGC -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
NP_010907.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
CAE52206.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
CAE52208.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
CAE52210.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
CAE52217.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
CAE52220.1 -----KRARNTEAAR-RSRARKLQR-----MKQLEDKVEELLSKNYHLENEVARL
NP_984085.1 -----DDPVALKRARNTEAAR-RSRARKLER-----MNQLEERVEQLLQKNSELEAEVARL
AAF18140.1 -----KRAKNTEAAR-RSRARKMER-----MSQLEDKVENLINEKQALQDQVERL
EAK95477.1 -----KRAKNTEAAR-RSRARKMER-----MSQLEDKVENLINEKQALQDQVERL
BAC55240.1 -----KRAKNTEAAR-RSRARKMER-----MNQLEDKVEDLVGEKQALQDEVDRL
A30208 -----KRARNTEAAR-KSREKKAQR-----LEELEAKIEELIAERDR-----
XP_323369.1 -----KRARNTEAAR-KSREKKAQR-----LEELEAKIEELIAERDR-----
EAA48944.1 -----KRARNTEAAR-KSREKAMR-----FEELEDKLEKLTAEERDFHFN-----
XP_389462.1 -----KRARNTEAAR-KSREKAMK-----MDELEDKIAKLEERD-----
EAK83968.1 -----KDPRVAKRLSNTLAAR-RSRHRKAE-----LRLLENEKIEALTSEVESWKRRCQA
AAL09315.1 -----KRARNTEAAR-KSRARKLER-----QGDMMERIAELSKELEETRQMV-----

EAA59883.1 -----KRARNTEAAR-KSRARKLER-----QGMERRIAELSKELEETROMVE--
CPC1_CRYPA -----KRAKNTLAAR-KSRARKAER-----MDELERQVRELEAEKEKLAELA--
NP_498426.1 -----SPKYLEKRMKNNEAAK-KSRASRKHR-----EQKNQ TENELLKRKNAALEEELKQA
XP_310558.1 -----DWRYREQRDKNNEASR-KSRINRKDR-----ELKLELEADRLSAQHQLSYEERRL

AAP36398.1 KNEKQHLYMLNLH---
NP_001665.1 KNEKQHLYMLNLH---
1604249C KNEKQHLYMLNLH---
C34223 KNEKQHLYMLNLH---
AAP92420.1 KNEKQHLYMLNLH---
NP_031524.2 KNEKQHLYMLNLH---
BAA09095.1 KNEKQHLYMLNLH---
NP_037044.1 KNEKQHLYMLNLH---
BAB84092.1 -----
AAP93895.1 -----
AAP93896.1 -----
NP_004015.2 -----
NP_957258.1 KNQKQQLVYMLNLH---
AAF21148.1 KQERQQLILMLNRH---
NP_569736.1 KQERQQLILMLNRH---
BAB20088.1 KLERQQLILMLNRH---
NP_446346.1 KLERQQLILMLNRH---
NP_620473.1 ETERQKLVDMMLKSH---
XP_321586.1 ETEYRKLVEILQAH---
1FOSE LKEKEKLEFILA-----
1FOSG LKEKEKLEFILA-----
AAG47951.1 LKEKEKLEFILA---
FOS_CRIGR LKEKEKLEFILA---
XP_234422.2 LKEKEKLEFILA---
AAA42348.1 LKEKEKLEFILA---
NP_877587.1 LKEKEKLEFILA---
NP_034364.1 LKEKEKLEFILA---
NP_005243.1 LKEKEKLEFILA---
CAB40144.1 LKEKEKLEFILA---
FOS_FELCA LKEKEKLEFILA---
FOS_MESAU LKEKEKLEFILA---
FOS_PIG LKEKEKLEFILA---
FOS_RAT LKEKEKLEFILA---
CAA75757.1 LKEKEKLEFILA---
E34223 LKEKEKLEFILA---
FOS_SHEEP LKEKEKLEFILA---
NP_056890.1 LKEKEKLEFILA---
NP_955598.1 LKEKEKLEFILA---
FOSX_MSVFR LKEKEKLEFILA---
FOS_MSVFB LKEKEKLEFILA---
1A02F LKEKEKL-----
AAA66158.1 LKEKEKLEFILA---
AAN03532.1 LKEKEKLEFILA---
NP_990839.1 LKEKEKLEFILA---
FOS_AVINK LKEKEKLEFILA---
AAO11836.1 VKEKEKLEFILA---
CAD56866.1 LKEKERLEFILATH---
BAB39769.2 LKEKERLEFILA---
NP_991132.1 LKEKERLEFILA---
BAC77043.1 LKEKERLEFILA---
FOS_CYPCA LKEKERLEFILA---

AAK58088.1	LKEKERLEFILA AH---
FOS_FUGRU	LKEKERLEFILA AH---
FOS_TETFL	LKEKERLEFILA AH---
BAC77045.1	LKEKEKLEFIMA AH---
BAC77046.1	LKEKEKLEFILA AH---
A60089	LKEKEKLEFILA AH---
AAC59780.1	LKEKERLEHVLA FH---
CAD56865.1	LKEKERLEHVLA FH---
AAC52888.1	QKQKERLELVLE AH---
AAH52917.1	QKQKERLELVLE AH---
AAP36227.1	QKQKERLELVLE AH---
NP_034365.1	QKQKERLELVLE AH---
NP_005429.1	QKQKERLELVLE AH---
NP_037085.1	QKQKERLELVLE AH---
CAD56862.1	QKEKDKLELVLE AH---
NP_005244.1	QKEKEKLEFMLVA H---
NP_032063.2	QKEKEKLEFMLVA H---
AAA61951.1	QKEKEKLEFMLVA H---
FRA2_MOUSE	QKEKEKLE-----
AAC08718.1	QKEKEKLE-----
AAC08724.1	QKEKEKLE-----
AAC08727.1	QKEKEKLE-----
AAC08730.1	QKEKEKLE-----
NP_037086.1	QKEKEKLEFMLVA H---
AAC08715.1	-----
FRA2_CHICK	QKEKEKLEFMLVA H---
AAC59866.1	QKEKDKLEFMLVA H---
CAD56863.1	RKEKDKLEFMLVA H---
AAF01350.1	QKEKERLEFVLA H---
XP_218419.1	QKEKERLEFVLA H---
NP_032062.1	QKEKERLEFVLA H---
FOSB_HUMAN	QKEKERLEFVLA H---
NP_006723.1	QKEKERLEFVLA H---
CAD56864.1	HKEKERLEFVLA H---
A35847	TNSKNQLEYLLATH---
NP_733306.1	TNSKNQLEYLLATH---
NP_476587.1	TNSKNQLEYLLATH---
XP_318333.1	QQEKDDLEFLLESH---
NP_504557.1	RNKLNSLKNYLETH---
T31799	RNKLNSLKNYLETH---
CAE64529.1	RNKLNSLKSYLENH---
1GD2	RQKVRQLEEEELRIL---
BAA87082.1	RQKVRQLEEEELRIL---
NP_593662.1	RQKVRQLEEEELRIL---
S15664	RQKVRQLEEEELRIL---
CAB91681.2	RKKMEKMSNELNEY---
XP_323224.1	RKKMEKMSNELNEY---
EAA62093.1	KAQVERLQVELREY---
XP_388976.1	RAQVERMTAELNQY---
EAA47389.1	KRDLQKISTENEIL---
XP_329184.1	KQDLQKISTENEIL---
EAA60905.1	KREIARYSTENEIL---
EAK95559.1	KKQ-----
EAK95697.1	KKQ-----
FCR3_CANAL	KKQ-----
NP_011854.1	RKANTEINAENRLL---
NP_982964.1	KRENQVINNENRML---

AAB29937.1	LCSLKSLLESEITKY---
NP_010711.1	LCSLKSLLESEITKY---
AAA34463.1	LCSLKSLLESKITKY---
AAD00802.1	RAQVDVLKNELAKY---
EAL02912.1	RAQVDVLKNELAKY---
CAA37827.1	RDQLITLVNELKKY---
NP_013707.1	RDQLITLVNELKKY---
CAA41536.1	RDQLITLVNELKKY---
CAA43195.1	RDQLITLVNELKKY---
AP1_KLULA	RNQVTNLLSELKRY---
NP_984291.1	RGHVIALVRELRRW---
AAC49426.1	QNELQAKESENHAL---
NP_012283.1	QNELQAKESENHAL---
EAA56950.1	HGEYTKLR-----
XP_323551.1	QAEYEALK-----
EAA48684.1	SNENRQLKQLLAQN---
EAK84283.1	REALALMRAENRTL---
EAK86097.1	EEMIRRLGERQDL---
NP_065505.1	KDEIRILR-EWLNYP---
AAC72896.1	ESERKRISNKFAML---
AAC72897.1	ESERKRISNKFAML---
A33111	ESERKRISNKFAML---
NP_732833.1	ESERKRISNKFAML---
NP_732834.1	ESERKRISNKFAML---
NP_732835.1	ESERKRISNKFAML---
T13936	ESERKRISNKFAML---
AAB59246.1	ESERKRISNKFAML---
XP_309091.1	LSEHKKIRDKFSML---
A49672	LRSLRQMKQKVQSL---
AAA20466.1	LRSLRQMKQKVQSL---
AAC40108.1	LRSLRQMKQKVQSL---
BAC03440.1	LRSLRQMKQKVQSL---
NP_032712.2	LRSLRQMKQKVQSL---
XP_340887.1	LRSLRQMKQKVQSL---
BAB23483.1	LRSLRQMKQKVQSL---
CAB46813.1	LRSLRQMKQKVQSL---
NFL1_MOUSE	LRSLRQMKQKVQSL---
NP_003195.1	LRSLRQMKQKVQSL---
AAC83235.1	-----
AAH59314.1	LRSLRQMKQEVEHL---
AAH49219.1	NKAINIMKQKLHDL---
AAH56142.1	NKAINIMKQKLHDL---
BAA76288.1	NKAINIMKQKLHDL---
AAF17228.1	NKAINIMKQKLHDL---
AAF61404.1	NKAINIMKQKLHDL---
NP_004280.4	NKAINIMKQKLHDL---
NP_035033.1	SKAIDIMRQKLHGL---
XP_231763.2	NKAINIMRQKLYDL---
A54692	DRTLEVMRQQLTEL---
AAA35612.1	DRTLEVMRQQLTEL---
NP_006154.1	DRTLEVMRQQLTEL---
NP_032711.2	DRTLEVMRQQLAEL---
S32537	DRTLEVMRQQLAEL---
XP_345884.1	-----
AAH45852.1	SSNLKEMKQQLSTL---
NP_878309.1	SSNLKEMKQQLSTL---
AAH61724.1	DRNLHLLKRKLSTL---

NP_113977.1	DRNLHLLKRKLSTL---
I49261	DRNLHLLKRRLSTL---
NP_035032.1	DRNLHLLKRRLSTL---
I59340	DKSLHLLKKQLSTL---
NP_006155.2	DKSLHLLKKQLSTL---
NP_990448.1	DKSLRQMKKQLTTL---
AAH43997.1	NNSLSQLKKNLGNL---
NP_778208.1	QQNIAI IKRLSDL---
AAB84100.1	LSTLGETKQNL TGL---
NP_031546.1	LSTLGETKQNL TGL---
BAA95505.1	LSTLGETKQNL TGL---
NP_001177.1	LSTLGETKQNL TGL---
XP_221712.2	LSTLGETKQNL TGL---
AAB84101.1	-----
AAH51242.1	K-----
NP_031547.1	K-----
AAK48898.1	K-----
NP_068585.1	K-----
1404381A	REQVAQLKQKVMNH---
1411298A	REQVAQLKQKVMNH---
NP_068607.1	REQVAQLKQKVMNH---
AAH09874.2	REQVAQLKQKVMNH---
TVHUJN	REQVAQLKQKVMNH---
AP1_CHICK	REQVAQLKQKVMNH---
AP1_COTJA	REQVAQLKQKVMNH---
AP1_PIG	REQVAQLKQKVMNH---
AP1_SERCA	REQVAQLKQKVMNH---
CAA31252.1	REQVAQLKQKVMNH---
NP_034721.1	REQVAQLKQKVMNH---
NP_002219.1	REQVAQLKQKVMNH---
1FOSF	REQVAQLKQKVM-----
1FOSH	REQVAQLKQKVM-----
TJUN_AVIS1	REQVAQLKQKVMNH---
AAA42416.1	REQVAQLKQKVMNH---
1JNM	REQVAQLKQKVMNH---
1A02J	REQVAQL-----
AAH41183.1	REQVAQLKQKVMNH---
CAB51636.1	REQVAQLKQKVMNH---
BAC77044.1	REQVAQLKQKVMNH---
CAD56856.1	REQVAQLKQKVMNH---
CAB51637.1	REQVAQLKQKV-----
NP_956281.1	REQVAQLKQKVMNH---
I51606	REQVAQLKQKVMNH---
CAD56859.1	REQVAQLKQKVMNH---
AAA39345.1	REQVAHVKQKVL SH---
AAK01362.1	-----
AAF97784.1	REQVAQLK-----
TVHUJD	REQVAQLKQKVL SH---
NP_620230.1	REQVAQLKQKVL SH---
NP_034722.1	REQVAQLKQKVL SH---
NP_005345.2	REQVAQLKQKVL SH---
JUND_CHICK	REQVAQLKQKVL SH---
CAD56861.1	REQVAQLKQKVMNH---
CAD56860.1	REQVAQLKQKVL TH---
AAL02138.1	REQVCQLKQKVM EH---
JUNB_RAT	REQVAQLKQKVM TH---
NP_032442.1	REQVAQLKQKVM TH---

BAC40473.1	REQVAQLKQKVMTH---
AAA74916.1	REQVAQLKQKVMTH---
NP_002220.1	REQVAQLKQKVMTH---
NP_068608.2	REQVAQLKQKVMTH---
AAH09465.1	REQVAQLKQKVMTH---
AAF75552.1	-----
AAH53154.1	REQVAQLKQKVLRH---
JUNB_CYPCA	RDQVAQLKQKVLRH---
AAH53234.1	REQVAQLKQKVMTH---
CAD56858.1	REQVAQLKQKVMTH---
CAD56857.1	RDELALLKQKVMMDH---
NP_476586.1	KDHVAQLKQQVMEH---
TVFFJD	KDHVAHVKQQVMEH---
XP_316420.1	KQHIFQLKQQVIEH---
CAE59807.1	NRALANFRQMVERH---
NP_495947.1	NRALEHFRRTVEHH---
A34785	RNEVAQLKQLLLAH---
AAA40394.1	RNEVAQLKQLLLAH---
AAH42210.1	RNEVAQLKQLLLAH---
B42026	RNEVAQLKQLLLAH---
A39429	RNEVAQLKQLLLAH---
S05380	RNEVAQLKQLLLAH---
AAB64016.1	RNEVAQLKQLLLAH---
AAB64017.1	RNEVAQLKQLLLAH---
ATF2_HUMAN	RNEVAQLKQLLLAH---
ATF2_MOUSE	RNEVAQLKQLLLAH---
BAC32623.1	RNEVAQLKQLLLAH---
C42026	RNEVAQLKQLLLAH---
A42026	RNEVAQLKQLLLAH---
AAA35951.1	RNEVAQLKQLLLAH---
NP_001871.2	RNEVAQLKQLLLAH---
NP_033845.1	RNEVAQLKQLLLAH---
NP_112280.1	RNEVAQLKQLLLAH---
BAC29065.1	-----
NP_990235.1	RNEVAQLKQLLLAH---
1604249B	RNEVAQLKQLLLAH---
JC4028	RNEVAQLKQLLLAH---
ATF7_HUMAN	RNEVAQLKQLLLAH---
NP_006847.1	RNEVAQLKQLLLAH---
NP_666177.1	RNEVAQLKQLLLAH---
AAB29745.1	RNEVAQLKQLLLAH---
XP_235694.2	RNEVAQLKQLLLAH---
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I78877	KNEVAQLKQLLLTH---
NP_004895.1	KNEVAQLKQLLLTH---
NP_878901.1	KNEVAQLKQLLLTH---
NP_878902.1	KNEVAQLKQLLLTH---
AAH29022.1	KNEVAQLKQLLLTH---
NP_766316.1	KNEVAQLKQLLLTH---
AAH59400.1	KNEVAQLKQLLLTH---
NP_594500.1	QQEAFRLKSQLLAH---
NP_595707.1	REEVICLKNQLLAH---
XP_327898.1	LSEVSDLKHQLMVH---
EAA58248.1	RDAlVVAKDQLLAH---
XP_389177.1	---LEIEKELLHKQ---
CAC18235.2	REEVVNLKTLLLAH---
XP_326838.1	REEVVNLKTLLLAH---

XP_390318.1	REEVVNLKTLLLLAH---
CAD21519.1	REEVVNLKTLLLLAH---
EAA57243.1	REEVVNLKTLLLLAH---
AAN75015.1	REEIVNLKTLLLLAH---
BAA12194.1	REEIVSLKTLLIAH---
NP_595652.1	REEIVSLKTLLIAH---
EAK94532.1	RGAILLLLKE-----
NP_014232.1	-----
NP_985572.1	-----
CAA09717.1	T-----
CAB63430.2	RRELERVTALLTER---
NP_497914.1	RRELERVTALLTER---
XP_382926.1	TAEIYHLKTQLLQH---
XP_387965.1	QDELFKLKSQVLEH---
XP_390615.1	RETAYQLKLQLLRH---
NP_010964.1	EKLVQKMKKISRLH---
NP_012228.1	EKLISKFK-----
NP_983992.1	QKLVSKFKRFIELH---
EAL00056.1	EYTVELLKASIKSC---
EAA60677.1	HSQLLSLKDQILMH---
NP_593039.1	REEI IKLRTL VF AH---
EAA50250.1	MNELNSMKNHLM DH---
EAA54021.1	VDELNSMKNHVMDH---
A49317	KD-----
AAF66158.2	KD-----
AAC60616.2	KD-----
AAO92340.1	KD-----
BAA03562.1	KD-----
BAA03567.1	KD-----
NP_037218.1	KD-----
NP_038526.1	KD-----
JX0307	KD-----
CAC34846.1	KD-----
CREM_CANFA	KD-----
S36101	KD-----
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NP_898830.1	KD-----
NP_898829.1	KD-----
NP_874386.1	KD-----
NP_874392.1	KD-----
NP_874391.1	KD-----
NP_874390.1	KD-----
NP_874389.1	KD-----
AAC19383.1	RD-----
CREM_RAT	KD-----
I59276	KD-----
BAA83552.1	KD-----
1DH3	KD-----
AAH41206.1	KD-----
AAQ24858.1	KD-----
CREB_BOVIN	KD-----
NP_112279.1	KD-----
NP_004370.1	KD-----
CAA63242.1	KD-----
NP_034082.1	KD-----
BAA36482.1	KD-----

NP_776710.1	KD-----
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NP_604391.1	KD-----
AAH67956.1	KD-----
NP_989781.1	KD-----
S20955	KD-----
S22298	KD-----
A35663	KD-----
A40120	KD-----
AAB64015.1	KD-----
NP_604392.1	KD-----
NP_957203.1	KD-----
BAC20140.1	KE-----
NP_031523.2	KD-----
XP_204339.1	KD-----
ATF1_MOUSE	KD-----
BAB26930.1	KD-----
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NP_058047.1	TEELKYFTSVLSSH---
NP_083243.1	QTEL-----
NP_612465.3	QAEL-----
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XP_139474.1	AKEIQYLKDLIEEV---
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NP_500318.1	EKEVAEMRQAFLOK---
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JC7264	TRDLAGLRRFFKQL---
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CEBG_RAT	TKELSVLKDLFLEH---
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I50223	TKELSVLKDLFLEH---
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2DGC	KK-----
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