Sulfur TM5 Important Residues

>Q7TRE5

----TFTNELVVFIVV-AFGIGV-P-IVTIFIS-YALILSSILHMHS-----

>Q7TRE6

----TFINELVIFIVV-AFDIGV-P-IVTIFIS-YALILSSILRMHS-----

>Q8VF63

----TSINELVVYIVV-GFNVIV-P-TLTIFIT-YTLILFNILSIHS-----

>Q8VF64

----TTINELVVFIVV-GVNVIV-P-TLTIFIS-YTLILSNILSIHS-----

>Q9EQA5

----TSINELVVFIVV-GVNVII-P-SLTVFIS-YTLILSNILSIQS-----

>Q8VG90

----TSINELVVFIVV-GVSIIV-P-SLTVFIS-YTLILSNILRIHS-----

>Q9EQA6

----TYINELVVFIIV-GFNVTV-P-ILTIFIS-YTLILSNILSIHS-----

>Q8VG50

----TYINELVVFIVV-GFDVGV-P-SITIVVS-YTFILSSIL---------

>Q8VF62

SCNSSYINLLVVFIVV-TIGIGV-P-IVTIFIS-YGFILSSILHISSK----

>Q8VG53

----TYINKLVVFVAS-SINIIV-P-ISTIFIS-YGFILSSIF---------

>Q9EQ98

----THINEVLLFIIG-GVNTLA-P-TLAVIIS-YAFILTSILRIRS-----

>Q9EQ99

----THLNELLIFIIG-GINTLV-P-TLAVAIS-YVFIFCSIRHIKS-----

>Q9EQA0

----IKLNELLLFIIA-GFNTLV-P-TLAVAIS-YVFIFCSILHIKS-----

>Q7TRH2

----TFVNEIVLFILS-ALIIIS-T-ITIILVS-YAYILSTVL---------

>Q8VFU4

----TFVNEIVLFILS-ALIIIS-T-ITIILVS-YAYILSTVL---------

>Q8VFU6

----LFVHKIVSFSLS-SIIILP-T-VIVIIVS-YMYIVSTVL---------

>Q8VF30

----TLFTELILFLMA-VFIIVG-S-MILTIIS-YTYIISTIL---------

>Q924H8

----TFLTEFILFIMA-IFIIVG-S-LIPTIVS-YTYIISTIL---------

>Q8VF31

SCNNTIFIEFILFLMA-VFVLFG-S-LIPTIVS-YTYIIATILKIPSA----

>Q8VFQ7

----TQFNELMIFTIF-GFIQLS-T-ISEVLVS-YCSIILSVLKIHSA----

>Q8VFQ8

----IQVNELALFTVF-GFIELS-T-ISGVLVS-YCYIILSVLKI-------

>Q8VFQ9

---DTQVNVLVIFTVF-GFIELS-T-ISGVLIS-YCYIISSVL---------

>Q8VG97

----TEVNELAIFTIF-GFIELS-T-ISGVLVS-YCYIISSVL---------

>Q7TRX0

----TRINELVLLFLG-GAVILI-P-LLLILVS-YIRI--------------

>Q7TRX6

----TFVNELMIFILG-GIIIII-P-FLLIGMS-YVRI--------------

>Q7TRX7

----TFVNELMIFIMG-GIIIII-P-FLLIVMS-YVRI--------------

>Q8VGR3

----TYVNELMIFIMG-GIISII-P-FLLIVMS-YVRI--------------

>Q7TRX4

----IHINELMIMIIG-ALVVIL-P-FLLIIVS-YAHI--------------

>Q8VFP9

----TTINDLIILVLG-NAVITL-P-FICILVS-YGYIGVTILKTPSI----

>Q8VGJ7

----TSINELVILVLG-NVVITL-P-FICILVS-YGYIGVTIL---------

>Q8VGK8

----TTINELVIFVLG-NVVITL-P-FICILVS-YGYIGVTIL---------

>Q8VGK4

----TTINELVILVLG-NVVITL-P-FICILVS-YGHI--------------

>Q8VGK6

-SSDTTINQLVILVLG-NVVISL-P-FICILVS-YGRI--------------

>Q8VGJ9

----TTINELVIFTVG-VVIITV-P-LICILVS-YGYIGATIL---------

>Q8VGK5

----TTINELVILTLA-VVVITV-P-FICILVS-YGHIG-------------

>Q8VGK0

--------------FG-GTVLMV-P-FVSIVIS-YVRIVFAVLRVQTS----

>Q8VGK1

----THVNELMVFALG-GTVLMV-P-FVCIVIS-YIHIVFAILKVRTP----

>Q8VEU7

----TQINNLLILIVG-GTVIFV-P-FVFILVS-YALIGTAVL---------

>Q7TRY4

----TSINELLAFTEG-SVVIMS-P-FIFIVVS-YIYITRTVL---------

>Q8VGH0

----TFINDITAFTVG-GLTSIT-P-FTCITVS-YGYILSNVL---------

>Q8VGH1

----TFINDLMVFTVG-GVIFLT-P-FSCIVVS-YVYIFSKVL---------

>Q8VGT9

----TFVNNLAIYIAS-VVFIMV-P-FLLILVS-YGKI--------------

>Q8VGI1

----TRVNEVVIFIVA-SIFLVL-P-FALITMS-YVRIV-------------

>Q8VFM9

----TTVNKIFVLIVA-GMVIAT-P-FVCILAS-YARII-------------

>Q7TRL3

----TTFNEIQLAVSS-VILVVV-P-LSLILVS-YGAIARAVM---------

>Q8VFG2

----TTVNEVTLAVVA-TFFIMG-P-LSMILVS-YSYIAQTVF---------

>Q8VFE2

----TSLNELQIILAA-ALIILC-P-FGLILSS-YGRI--------------

>Q8VFQ1

----IHANEVQLFVAS-LVLLLL-P-LALILTS-YGHI--------------

>Q7TRY2

--------ELALSISG-VLILLL-P-LSLIFIS-YGHVLGAVLHMRS-----

>Q8VG49

----TQTSEMAIFLMG-VVILLI-P-VSLILVS-YGHIIVTVVKMKS-----

>Q920Z2

----TYNAEMALFLVG-VIILLA-P-VSLILVS-YGNI--------------

>Q9EP55

----TYTAEMVIFAMG-IIILLG-P-VSLILFS-YWNI--------------

>Q9EPG6

----TYSTEMAIFAMG-VVILLA-P-VSLILIS-YWNIISTVI---------

>Q8VGV7

----THSNELAIFLEG-GFLMLG-P-CSLIVLS-YARI--------------

>Q8VFG3

----SRVIEIVVFTLG-VIFLLV-P-LSLILIS-YAVITQAVM---------

>Q8VGJ8

----THINELMIITMG-LVFLAV-P-LMLIVFS-YVCISWAVLGIPSS----

>Q7TRN3

----TSKYELMVYVMG-VAFLIP-P-LAAILAS-YILILFTVLNKPS-----

>Q9EPF7

----TSKYELMVYVMG-VTFLIP-P-LAAILAS-YSLILFTVLHMPS-----

>Q8VFM5

----TSKYELMVYVMG-VIFLLL-P-LAAILSS-YTLILLTVLHMPS-----

>Q9D3U9

----TSQYELMVYVTG-VIFLLL-P-LSAIITS-YSLILFTVLHMPS-----

>Q9EPF8

----TSQYELMVYVTG-VTFLLL-P-LSAIVTS-YTLILSTVLHMPS-----

>Q8VFM3

-------YELMVYLMG-VTLLFP-A-LAAILTS-YSLILLTVLHMPS-----

>Q9EPF6

-------YELMVYLMG-VTLLFP-A-LAAILAS-YSLILFTVLHMPS-----

>Q7TRN4

-------YELMVYLMG-VIVLIL-P-LTAILAS-YSLILFTVLNMPS-----

>Q9EPF5

----TSTYELMVYLAG-VSVLIL-P-LAVILAS-YVRILFTVLHMPS-----

>Q8VFM4

----TSSYKLVVYLVG-VFMLIL-P-LTAIFFS-YARI--------------

>Q8VGD8

-------YKQVLFVTG-VVVLLV-P-ITFITAS-YALILAAVLRMHS-----

>Q7TRZ4

-------YEHTVLVSG-LVILLL-P-FLAILAS-YARVLVVVLQMGS-----

>Q8VGJ5

-------YEYTVFVST-ILFLVF-P-FIGIVCS-YGRVFLAIYRMHS-----

>Q8VEY6

-------IEMVDFVLS-VFVIVI-P-ISLIVAS-YIGIAKAILKIKS-----

>Q8VFG4

------------SIVG-TFYSLV-P-LSLILIS-YGFIVATVLRIRSS----

>Q8VFY3

-------NDRLDFILG-FIFLLV-P-LSLILAS-YACIFASILRIRSS----

>Q8VGB1

-------NDRIDFILG-FILLLV-P-LSFILAS-YVCIFATILRIRS-----

>Q7TRZ7

----TSAFEFFMYICC-VLMLLI-P-FSLILMS-YGLILAAVLRMRS-----

>Q8VFG7

----TKVFEFFMYICC-ILMLLI-P-LSLVLAS-YSLILATVLRMRS-----

>Q8VET2

-----SLFEDLIYACC-VVMLLL-P-LGVIVAS-YARVLTT-----------

>Q8VGD7

-----SLYETMIYVCC-VLMLLL-P-FSVISAS-YLRILVAVLRMRS-----

>Q8VGD9

-----WLYETLMYVCC-VLMLLI-P-VTVISGS-YTSILLTVLRMNS-----

>Q8VF37

----KAIYEMVMYICC-VVMLLV-P-FSVVITS-YAQILVTVHHIKS-----

>Q8VF87

-----LIFERIIFFCC-VIMLTL-P-VAIIIAS-YTRVILTVLHMSSA----

>Q8VFA2

-----LIFEKIIFFCC-VIMLIF-P-VVIVIAS-YICVILAVIKMASA----

>Q8VGD6

--ADTSLFDTLLFACC-VFMLLL-P-FSIIVTS-YAR---------------

>Q7TS19

---DITMNVLIMTVAS-IVLLMI-P-LMLIFVS-YIFILSSIL---------

>Q80ZX9

----ISLNALILTVAT-AVLTMT-P-LLLICLS-YIFILAAILRVPS-----

>Q9QZ18

----TSVSDAFLLVGA-ILLLPI-P-LTLICLS-YMLILATILRVPS-----

>Q8VEZ4

----IHVNQAVLYVVS-ILVLTV-P-FLLIFIS-YVFIASTIL---------

>Q8VGP8

----IHVHQAVLYVVG-ILVLTV-P-FLLICIS-YVFIASTIL---------

>Q8VEZ5

----IHVHQAVLYVVG-ILVLTV-P-FLLIFIS-YVFIVSTILRMRSA----

>Q8VF55

-------HRTALYIIS-FIVLSI-P-LTLISIS-YVFIITAILRIRSA----

>Q8VGJ6

-------HEATLFVVS-VIVLTI-P-FLLITLS-YVFIVDAILKIRSA----

>Q8VG32

-------NQVLTLVLT-LMVLTA-P-AIFLFVS-YALIISTILKIASS----

>Q8VGE1

-------NEIINFVVS-VFVLIL-P-MGVVFIS-YVVIISTILKIASA----

>Q8VFE3

-------AQVTTFVLS-VVFLTV-P-FGLVLIS-YAQIVVTVLRVPSG----

>Q7TS30

-------NDATLAVLV-AFFVLV-P-LALILLS-YGFIARAVMRIQS-----

>Q8VFC2

-------NEMTLMVMS-AIFVVI-P-LILILSS-YAAIAWTVLEMQS-----

>Q7TRI8

--------EVQMSIAS-VILLVL-P-LAIILSS-YGAIVKSVLKIKSP----

>Q8VFA3

-------TEAKMFVAR-TIVLVC-P-AALILGS-YAHITRAVL---------

>Q8VFA9

-------TEAKMFVAR-TIVLVC-P-AVLILGS-YVHIAKAVLKVKSM----

>Q8VFA4

-------TEAKMFVAR-AIILVF-P-ATLILGS-YAHIARAVLKVKST----

>Q8VGX0

-------TEVKMFVAR-TIILIF-P-AALILGS-YGHIARAILRIKSM----

>Q8VFA6

-------TEAKMFVAR-AVIVAV-P-AMLILGS-YAQIARAVL---------

>Q8VFA7

-------TEAKMFVAR-VVIVAV-P-AMLILGS-YAQIARAVL---------

>Q8VGW9

-------TGAKMFVVR-VVFLIF-P-ITLILSS-YANIAQAVLKTKSM----

>Q8VFA8

-----VGTETYLFWAG-AVILVC-P-VALILGT-YAHIAHAVLKIKSR----

>Q8VGW6

--------EAELNVLG-ALLLLV-P-LSLILGT-YVFIAQAVLKLRSA----

>Q7TRI7

----KEFNELALSVVC-IFILIV-P-LCLILAS-YVNIGCAVLRIKSS----

>Q8VG72

----KESNELALSVVC-IFILAV-P-LCLILAS-YVNIGCAVLRIKSS----

>Q8VEY4

----KETNELALSVIC-IFLLAV-P-LCLILAS-YASI--------------

>Q8VG95

----KETNELALSVVC-IFLLAV-P-LCLILAS-YASI--------------

>Q8VG94

----KETNELALSVVC-IFLLAI-P-LCLILAS-YASI--------------

>Q8VEV0

----TRLNQVVLFAGS-VMVLLG-P-LCLVLVS-YTRI--------------

>Q8VF17

----TTLNQVVIFAAC-VFILVA-P-LCFVLVS-YTRI--------------

>Q8VF18

----TTLNQVVIFAAC-VFTLVG-P-LCFVLVS-YTRI--------------

>Q8VFS3

----TTLNQVVIFAAC-VFALVG-P-LCLVLVS-YTRI--------------

>Q8VF80

----ITLNQVVILASS-VVVLLV-P-CCLVSLS-YAYIVTAILKIRS-----

>Q8VGP6

----TRINELMVLAGA-VSVLVG-P-FSSIVVS-YAHILCAILKIKS-----

>Q7TRN0

----TARFEVYAIVGT-ILVVMI-P-CLLILCS-YTLIAASILKIPSA----

>Q8VEW1

----TFLFEVYAFTGT-ILIVMV-P-FLLILLS-YTRI--------------

>Q7TRJ5

----TSQNEAAIFVAA-VLCISS-P-FLLIIYS-YVRILVA-----------

>Q7TRJ6

----TSQNEAAIFVAV-VLCISS-P-FLLIIYS-YVRILVA-----------

>Q8VEY1

----TSQNEAAIFVVA-ILCISS-P-FLLIIYS-YVRILVA-----------

>Q8VFQ2

----TSQNEAAIFVTV-VLCISS-P-FLLIIYS-YVRILFA-----------

>W4VSP0

----TSQNEAAIFVAA-VLCIFS-P-FLLIISS-YVRILIAVLVMPS-----

>Q7TRV7

----TSANEVAIMVSS-IILLMT-P-FCLVLLS-YIQIIST-----------

>Q7TRK1

----TSLNELALLSIG-ILIGWT-P-FLCIILS-YLYIISTIL---------

>Q8VF81

----ISFNKVMVAISG-FLVIML-P-CCLVLFS-YTRI--------------

>Q7TRF0

----TLINHILLYILI-CVLGFI-P-FSGILYS-YCKI--------------

>Q8VGG4

----TLINHILLYIVI-WVLGFI-P-FSGILYS-YYKIFSS-----------

>Q7TRG8

----ILINNILVYLVT-SLLGVL-P-LSGIIYS-YTRI--------------

>Q7TRG9

----ILINNILVYLVT-SLFGIL-P-LSGIIYS-YTKI--------------

>Q8VGB8

----TFINNVVLYIVT-GIMGFF-P-LAGILFS-YSQI--------------

>Q7TRG0

SCSDTFINILFIYTAT-IVFSVI-P-LSGIIFS-YIQI--------------

>Q7TRG4

----TFINTLLIYTVT-SVFAGF-P-LAGIIFS-YIQIVSS-----------

>Q7TRG7

----TLINDILIYLAT-FIFGGI-P-ISGIIFS-YVQIASS-----------

>Q8VFF4

ACSDTLINYILIYLAT-FIFGGI-P-ISGIIFS-YTRI--------------

>Q8VFM8

----TLVNYILIYLAT-IILNGI-P-ISGIIFS-YTQI--------------

>Q7TRG2

----TLINNILIYISA-FMFGGI-P-FFGIFLS-YTEI--------------

>Q8VGX1

----TLIDNILIYISS-CIFGGV-P-LSGIILS-YCQI--------------

>Q8VFJ3

----SLINNILIFVTS-SIFAGV-P-LCGIIFS-YVHIVSTVLKMPSL----

>Q8VFJ4

----NLINNILIFVTA-SSFAGV-P-LCGIIFS-YVHIVSTVL---------

>Q8VFJ5

----SLINNILIFVTA-SIFAGL-P-LFAIIFS-YTHI--------------

>Q8VGG6

----TLINNILIYVMS-SALGGM-P-LVGIIFS-YYKIISS-----------

>Q7TRF8

----TRIDNIVLFVAT-CVFGGV-P-LCGIIYS-YYHIMST-----------

>Q8VFI7

----TLSSNIVIYFIG-VILGIF-P-VLGIILS-YCKI--------------

>Q8VFI8

----TFNNNILMYVIG-VILGVF-P-LSGILIS-YFKIISS-----------

>Q7TRF5

----TTINDIVMFLLS-IITGFL-P-ASGIFYS-YYKITSS-----------

>Q7TRF6

----TTINDIAMFLSS-IIVGFL-P-ASGIFYS-YYKITSS-----------

>Q8VFF7

-CSDTSINSIVIFLVS-IIVGFL-P-ASGIFYS-YYKI--------------

>Q8VGU6

----ISLNDMVIYIAA-MLLVVG-P-LSGILYS-YSKI--------------

>Q8VGU7

----TFLNDMVIYITA-MLLAVG-P-FSGILYS-YSRI--------------

>Q8VGU8

----AFLNDMVIYFTL-VLLAIV-P-LAGVFYS-YFKIVSS-----------

>Q8VGX5

----TFLNDVVMYFAL-VLLAIV-P-LFGILYS-YSKI--------------

>Q9JHB2

----TFPNDMVMYFAA-ILLGGG-P-LAGILYS-YSKIV-------------

>Q7TRF3

----NHVNNVFMYVVT-SLLGVI-P-MTGILMS-YSQIF-------------

>Q8VEY9

----THINNIFLYLVT-AVLGMF-P-VIGIAFS-YFHIVSALMKMSS-----

>Q8VFF6

----NFINYLLVYTVS-VLFFGV-P-VFGIILS-YIHIISSVL---------

>Q7TRY0

----TSLNDIMVYTVG-ALPIIT-P-FVGILTS-YTRI--------------

>Q7TRH4

----TSLLEVMAFILA-LMTLIV-T-LIIVILS-YAHI--------------

>Q8VFU0

----TNLLDLMAFILA-LMTLIV-T-LVIVIFS-YAHI--------------

>Q8VFU5

----THFIEVIQFLLA-AVTLIL-T-LLLVILS-YTHI--------------

>Q8VGJ3

----THFLELMAFSLA-VVTLMV-T-LTLIILS-YTNI--------------

>Q7TRH8

SCTDTAFLELLAFFLA-VFTLMV-T-LTLVILS-YSFI--------------

>Q7TRH9

SCTDTAFLELFAFFLA-VLTLIV-T-LTLVILS-YSFI--------------

>Q7TRH5

-------LELMSFILA-LITLMT-T-LMLIILS-YICILRTILKFPS-----

>Q8VEX8

-------LELMSFILA-LITLMT-T-LMLIILS-YTCILRTILKFPS-----

>Q8VGI8

-------LELMAFFLA-VFTLIV-T-LALVILS-YTLILRTILKIPS-----

>Q7TRI3

-----RLLEAFGFYCA-SITLLF-T-LALVILS-YICIINTILRFPSA----

>Q7TRI4

-----RLLEAFGLYCA-SITLLF-T-LALVILS-YICIINTILRFPSA----

>Q7TRI5

-------LETIGFYFA-FITLLF-T-LALVILS-YICIINTILRFPSA----

>Q7TRH7

-------IEMMSFVLA-VVTLVV-T-LVLVSLS-YSFIIKTIM---------

>Q7TRI2

-------LEMMSFVLA-VVTLVV-T-LVLVSLS-YSFIIKTIM---------

>Q8VG46

----TRLIELMAFALA-IMTLII-T-LILVLFS-YTLIIKTIL---------

>Q7TRI6

-----SLIEKVVFLVA-SVTLVV-T-LMLVTLS-YTFIIKTIL---------

>Q8VG33

-----SLIEKVVFLVA-SVTLVV-T-LMLVTLS-YTFIIKTIL---------

>Q8K501

-----AFIEKIVLAFA-ILTLII-T-LVCVVLS-YTYIIKTIL---------

>Q8VGC4

-----EFIERFVLILA-VLTLMF-T-LLCVVMS-YTYIIRTIL---------

>Q8VEU0

-----WLIEQMVIGSA-VLTFII-T-LLCVVFS-YMYIIRTVL---------

>Q8VFH3

-----WLIEQIVIVSA-VLTFIT-T-LLCVSLS-YIYIIRTIL---------

>Q8VFH7

-----WLIEQIVIVCA-VFTFIM-T-LVCVSLS-YIYIIRTIL---------

>Q8VFH6

-----WLIEQLVIVCA-VLTFIL-T-LVCVTLS-YVHIIKTIL---------

>Q8VF26

-----WFLEQTVIVCA-VLTFII-T-LIVVILS-YIYIIRTIL---------

>Q8VGC5

-----WFMEQTVLICA-VLTLII-T-LVCVVLS-YVNIIKTVL---------

>Q8VGJ0

-----WVIEQMVILVA-VFALII-T-LICVILS-YTYIIRTIL---------

>Q8VFH8

-----KFLEKMGFSCA-VFTLMF-T-LALVFWS-YTYIIRTIV---------

>Q8VGJ2

-----KFLERMGFSCA-VFTLML-T-LVLIFLS-YTYIIKTIV---------

>Q8VFI0

-----LFLEVIGFYVA-LVALLF-T-LALVILS-YMYIIRTIL---------

>Q8VFI3

-----WLLEVIGFYVA-LVTLLF-T-LALVILS-YMYIFRTIL---------

>Q8VG45

-CTDTHIIELMMLLSA-ILTLLV-T-LVLVSLS-YTNI--------------

>Q8VGI9

----TRFMQLLNFIFA-IFILLM-T-LALVMFS-YGKI--------------

>Q7TRU6

-CSDDRVSIILATISV-GTVIFI-T-VLIIVVS-YIYILITILKMHS-----

>Q7TRU9

----VSISEIVISFSA-GSFTMT-T-LFVIVIS-YFYIVITILKMHST----

>Q8VFD0

----VSISEIVISFSA-GSFTMT-T-LFVIVIP-YFYIF-------------

>Q8VG02

----ASVSGVVISFTA-GSITMT-T-LIVIVIS-YFYIL-------------

>Q8VEW5

----VSVSEVVTSFFS-GSVTMI-T-MLVIAIS-YTYIL-------------

>Q8VFD2

----VSVFVVVISFSA-GTVTML-T-VFVIAIS-YSYIL-------------

>Q8VG05

----VSVSVLIISFSA-GSVTMI-T-VFVIVIS-YSYIL-------------

>Q8VG08

----VSVSVIVISFSA-GSVTMI-T-VFVIAVS-YSYIL-------------

>Q8VG07

----VSVSVVVTSFSA-GSVTVI-T-VFVIAVS-YSYIL-------------

>Q8VFD3

----VRISVLVTSFSA-GTVTML-T-VLVIAIS-YTYIL-------------

>Q8VG03

----VSVPVAVTSCSA-GLITMI-T-VFVIAVS-YTYIL-------------

>Q8VFD1

----INVSVVITTIFS-ASVTII-T-VFVIAIS-YTYIL-------------

>Q8VFC9

----VSIIGIIPSISS-GSIIVV-T-VLVIAVF-YICIL-------------

>Q8VG06

----VSIIGIIPSISA-GSIIVV-T-VFVISVS-YIYIL-------------

>Q8VG43

----VSIIGIIPSISS-GSIIVV-T-VFVIAVS-YIYIL-------------

>Q8VG44

----VSIIGIIPSISS-GSIIVV-T-VFVIAVS-YIYIL-------------

>Q8VGI6

----VSIIGIIPSISA-GSIIVI-T-VFVIAVS-YTYIL-------------

>Q8VG04

----VSVPATVPSFTA-GSIIVV-T-VIVIAIS-YIYIL-------------

>Q8VG09

----VSVPAVVPSFTA-GSIIIV-T-IFVIAVS-YIYIL-------------

>Q8VEW6

----NSVLIILDSFST-GTIIVI-T-VFVIAIS-YTCIL-------------

>Q8VG13

----NSVLLILDSFSA-GSIIVI-T-VLVIAIS-YTYIL-------------

>Q8VEZ0

----DFSFEVIPAISS-GSIIVV-T-VFIIALS-YVYIL-------------

>Q8VG42

----DFSSEVIPAISS-GSIIVV-T-VFIIALS-YVYIL-------------

>Q8VF12

----VTLAVVITSISA-GFITLT-T-VFVIAIS-YSCIF-------------

>Q8VF65

----SNVPIVPASFCS-AFVIIV-T-VSVIAIS-YTYIL-------------

>Q8VF66

----SNVPIVPASFCS-AFVIIV-T-VFVIAIS-YTYIL-------------

>Q8VGI5

----AYIAEISPSISS-ASVLVS-T-LSTIIVS-YIYIL-------------

>Q8VES2

----THLNQLLLFYCA-GSIELI-T-ILIVLVS-YGFVL-------------

>Q8VFL9

----THFNQLLLFYCA-GFIEVV-T-ILIVLLS-YGFIL-------------

>Q8VF13

----TNINQLLLFYCV-GSIEII-T-ILIVLVS-YSFIL-------------

>Q8VGS3

----TYISEILLFSLC-GFIEFS-T-ILIIFIS-YAFIL-------------

>Q8VF14

-----HTNELLVLYLV-GLIEIV-T-ILIVLVS-YGFILFAILNMHS-----

>Q8VF22

----TSLNELLLFAVC-GFIQTT-T-VLAIAVS-YGFIAVAVIRMQS-----

>Q8VFL0

----THYKQLSILACA-GITFIS-S-VLIVSVS-YMFIISAILRMRSA----

>Q8VGR9

----THSKQLWIFVCA-GIMFIS-S-LLIVFIS-YTFII-------------

>Q8VEV7

-----HVNELVLIYLA-SFNIFV-A-FIMIIVS-YLIIFITILNMRS-----

>Q8VFK3

-----YFSELLLVYVV-SFSIFF-A-LLVICIS-YIFIFITIAKMHS-----

>Q8VFW5

-----HVSELVLVYVV-SFNIFF-A-LSVIWIS-YIFIFITICKMHS-----

>Q8VFW1

-----YASELVLVYIV-SFHIFF-A-FIVIWIS-YVFIFVTIVKMQS-----

>Q8VFW4

-------NELVLIYQA-SFIIFF-A-LIIILIS-YIIIFITILKMHS-----

>Q8VEV8

----IYVNEIVLFILA-SFNVFF-A-LIVILTS-YAFIFIAILRMHS-----

>Q8VFQ6

----IHTNEIILFMLA-AFNVAF-T-LLVILSS-YLLIFVAILRMRS-----

>Q8VFX5

----IHLSEVILVFLS-TFNVFF-A-LLIISVS-YLFIFITVLKMKS-----

>Q8VFX3

--------------IE-SLNVFF-A-LIVICTS-YMLIFVTILKMHSA----

>Q8VFX4

--------------IE-SLDVFF-A-LIVICTS-YMLIFVTILKMHSA----

>Q8VFR3

----SHLTQLLLFIVA-TFNEIS-T-LLIILTS-YLFIVVTALKMHS-----

>Q920P2

----TSVSQLLLFVFA-TFNEIS-T-LLIILLS-YVLIVVTILKMKSA----

>Q8VF78

----TYVNEVVLLCLS-AFNIFI-P-TLTILGS-YIFIIISILRIKST----

>Q8VFN3

----TFINEVVVLCFS-VFNIFI-P-TLTILTS-YIFIIASILRIKST----

>Q8VFN4

----TFINEVLALCFS-VFNIFI-P-TLTILSS-YIFIIASILRIKST----

>Q8VG89

----TFINEVVLLCFS-VFNFLI-P-TLTILSS-YIFIIASILRIKST----

>Q8VFD7

----TFINEILALSFS-AFNIIV-P-AMTIIGS-YIFIIISILHIKSS----

>Q9EQ93

--------------FS-AFNIIV-P-ALTILSS-YIFIIVSVLHIQSTGG--

>Q9EQ97

--------------FS-AFNIIV-P-AMTIIGS-YIFIIISILHIKSSGG--

>Q8VFN5

-------NELLVLFLS-ALNILT-P-ALTILMS-YIFIIVSILRIRST----

>Q9EQ96

-------NELLVLFLS-ALNILT-P-ALTILMS-YILIIVSILRIRST----

>Q9EQ92

-------NEMLILSFG-TVNICV-P-LLTVITS-YIFIIASILRIRSS----

>Q9EQB5

-------DEMLILFFG-TLNIFA-P-TLIIITS-YIFIIASIFHIRSR----

>Q9EQB6

----TYVSEMLILFFG-TLNIFV-P-MLTIITS-YISIISSILRISSS----

>Q8VFJ7

-------YQSVLYFLL-ASNVIS-P-TLLILTS-YLFIIAAILRIRST----

>Q8VFK4

----------LLLSMA-GFNVCC-S-LLIVLIS-YLFIVSAILKKHS-----

>Q8VFL5

----TFIKETSMFVVA-GFNLSN-S-LFIILIS-YLFIL-------------

>Q8VGC7

----AEEIQLLIILFS-ALNLLS-S-LLIVLGL-YVLILIAICRMHS-----

>Q8VGS2

----ARDIELLIILFS-ALNLIS-S-LFVVLVS-YLLILLAIYRMHS-----

>Q8VH09

----DYTKEFWVMILV-GFNVFA-S-VFSIFIS-YAFILASILRIRS-----

>Q7TRV1

----TAHHAMIIFMVS-AFVLVG-S-FVLIMIS-YAFIVFLVVKMPSV----

>Q8VF20

----TFYHKVILFALT-AFVLVG-S-FIFIMVS-YVFIVTVVIKMPSA----

>Q7TRT7

-------NDIMTVIAD-MFLTGL-N-FLLTMTS-YGFIISSILRIRSA----

>Q8VFE8

------------VITD-MFLTGL-N-FLLTMTS-YVFIIASILRIRSA----

>Q8VGH2

-----------IVLAD-AFYGIL-N-FLMTIVS-YGFIISSILKMRTS----

>Q8VGL5

-----------IVIAD-VYFGVV-N-FLLTMIS-YSFIITSILRIRST----

>Q8VGT4

-----------LVIAD-VYFGVL-N-FLLTMIS-YSFIISSILRIRSA----

>Q8VGJ4

-----------TLVAD-AFYGGI-N-FLLTLLS-YGCIIASILRMRSA----

>Q7TRT9

-----------AFAAD-VFLAVG-N-FSVTILS-YGFIVASILKIRSA----

>Q8VGL2

-----------AFAAD-VFLAVG-N-FSVIILS-YGFIVASILKIRSA----

>Q7TS01

-----------VYVAD-ITLAVG-D-FTLTCIS-YGFIIAAILRIRTT----

>Q8VEU2

----------VTFVDI-GFLALT-C-FMLILTS-YGYIVAAILRIRSA----

>Q8VF72

----------VTFVDI-GVVVAS-C-FSLILLS-YIYIIRAILRIRTA----

>Q8VH08

------AIEMVIFVNI-GVVASG-C-FFLISLS-YVSIVCSILRIRTS----

>Q8VH10

------ANEMVIFVNI-GVVASG-C-FLLISLS-YVSIVCSILRIRTS----

>Q9EQ87

------------LISV-GLMPLS-C-FLLILTS-YSFILCSILQIRST----

>Q8VG87

-----------MVISN-MAFLVL-P-LLVIFFS-YLFILHTILRMNSA----

>Q7TS53

-----------VYVSG-IIFLLI-P-FSMISIS-YVQILLTVFQMQSS----

>Q8VGL6

-----------VYVSG-IIFLMV-P-FSMISIS-YVQILLTVFQMHSS----

>Q8VFP6

-----------IVTEG-ALVLVT-P-FLCIAFS-YIRILVTVLKIPSA----

>Q8VFQ4

------LQEQVIFLFA-FLVIIT-S-VSVILVS-YLFIIWAILKIRTA----

>Q8VG11

----SYIQEVVIIVFA-IFVMPA-C-IVVISVS-YLFIIVAIMQIRS-----

>Q7TRW7

-------NHMMLIATG-CFVFLV-P-FGFMIMS-YICIVRAILKIPSA----

>Q8VGC8

-------NEVEMYAAV-VVIKVI-P-LGLILFS-YINIVRAVIK--------

>Q7TRL9

------------YTFN-SMIIFG-P-FFCILGS-YTLVLRAVFRVPSG----

>Q7TRW1

--------------IN-SCKILA-T-FLLILSS-YLQIIRTVLKIPSA----

>Q8VFD8

---------------S-GCLTLA-P-FLLIVAS-YVFILRAVLRIPSS----

>Q7TRZ9

-------TEEVGFAVS-SCIVMS-S-FVLTVVS-YIGIVATVLRIPSV----

>Q8VGA0

------------LTGS-NLLFLAVP-LLVIAVS-YMFIIATILRIPSA----

>Q8VGA9

------------MGVA-NVIFLGVP-VLFIFVS-YIFILSTILRIPSA----

>Q9QZ20

------------MGVA-NVIFLGVP-VLFIFVS-YIFILSTILRIPSA----

>Q9QZ19

---------------A-NAMFLGVP-VLFIFVS-YIFILSTILRIPSA----

>Q9QZ22

-------------VVA-NMIFLAVP-VLFIFVS-YVFILVTILRIPSA----

>Q8VFP4

------------IHTE-GVIVINGA-LAFIIAS-YAFIISAVLRIPSA----

>Q7TS32

-----MSVEMLFFNLA-LIVLFG-S-LLVAIFA-YSNIVVTIVGLPSA----

>Q8VF82

-------AEALTFALA-LIILFS-S-LIITTIA-YSNIVITIVRLPSA----

>Q8VGL1

-------IEMLDFVAA-LAVLAT-S-LIVTSVS-YVHIIATVLRIPGG----

>Q8VGU4

-------AELVDFILA-FIILVF-P-LLATILS-YGHITLAVLRIPSA----

>Q8VGU5

-------AELVDFILA-FIILVF-P-LLATVLS-YGHITLAVLRIPSA----

>Q8VFP0

----TFLVEALGYTCS-SVVILS-S-FLLTMSS-YGNIVVTIIRLSSR----

>Q8VET1

--------------SS-ATVGLS-P-CLFTAGS-YILIISAILRIPST----

>Q7TRM0

--------------LS-PLPLII-P-FVFIMGS-YTLVLAAVLKVPSA----

>Q8VBW9

----------LVCVTP----LIG-C-LVFIILS-YIFIVAAILRIPST----

>Q7TS37

----ASLNALVIFIFA-SSIQIS-T-SVTIIVS-YARVLFAVLNMKS-----

>Q8VGP9

----PSLNTLVVFICA-SSIQIS-T-SVTIIVS-YARVLFAVLNMKS-----

>Q7TS38

---DPTINVFVLLIFS-ISIQAF-T-FVTILVS-YIRVLFAILRKKS-----

>Q7TS43

---DPSINYLMLFIFS-GSIQVF-T-ITTILVS-YTLVLFSILKQKS-----

>Q8VEX5

------LNLLLVFILS-GSIQVF-T-IMTVLVS-YTLVLFT-----------

>Q8VGQ7

------INELMLYIFS-MPIQVF-T-ITTVLVS-YSCILLT-----------

>Q8VF76

----SWVNKVVLFVLS-GAIGVF-S-GLIIIVS-YVSIL-------------

>Q8VFK2

----TQMNKHLLFIMA-GILGVF-S-GIIILVS-YVYIA-------------

>Q9QY00

------MKKRLLFIVA-GILGVF-S-GIIILVS-YVYIAIT-----------

>Q8VFK1

----IRINKLLVFIVA-GAVLIV-S-STTIIVS-YFHIL-------------

>Q8VGQ3

-CTDPSINMLVVFICS-IFIQAS-T-LANIVVS-YTRV--------------

>Q7TS04

----TFNNKLLILLSA-ILVSGS-C-FVFIVIS-YVRILST-----------

>Q7TS08

----TFINKLLLLLTA-IVFSGS-C-FTFIAIS-YVRILST-----------

>Q7TS07

----TFNNKIILLLTA-IGLSGT-C-FTFIAIS-YVHILSTVL---------

>Q7TS10

----TFNNKLLLLLTA-IGLSGS-C-FTFIAIS-YARI--------------

>Q8VFK7

----THINGIVIMAFS-SFNVIS-C-VLIVLIS-YLCIL-------------

>Q7TRK4

-------SEGLMMALS-GVLGMS-S-VLCLVSS-YGCIFYAVARVPS-----

>Q8VFD9

-------NESLMMALS-GLLAIS-A-FLCIVSS-YGCIFYAVAKVPS-----

>Q8VFE1

-------NESLMMALA-GVLGIS-A-LLCIVSS-YGCIFYAVAKVPS-----

>Q8VFE4

----THLNKILVIILV-GILGIS-A-VLCIVSS-YGCIFYAVAKVPS-----

>Q8VF43

----TISLQIMMIACA-VISMPV-P-LMFILFS-YLCILKAVLRIHP-----

>Q8VF35

----PWVTQVLVVGCG-GFTLVT-S-VMVILVS-YLSIFMTIMGIPS-----

>Q8VG65

----TTNAEIIIVLFG-NFVILV-N-ALVILTS-YLLIIKTVM---------

>Q8VFV3

-------SQVVNFLVV-CVVGGA-S-ALVVLVS-YGYIIAAVMRIHS-----

>Q9EQB2

-------NELMSYIAV-GTAIIL-C-SLIILVS-YAMILFNIIHISS-----

>Q8VG76

--------------VG-GKDITV-P-SIVIIIS-YGFILSNILQIKST----

>Q7TRM9

-------FELEALTAT-VLFILF-P-FLLILGS-YVRILSTIFR--------

>Q8VGC1

-------GEVGNLFVT-ITFIFA-P-FLLIVAS-YACILATILGVATSQGR-

>Q8VFY0

--------------EG-LTVVLT-P-LLLVSLS-YARILVAVLGIRTTGG--

>Q7TRN8

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>Q8VGV1

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>Q7TRU7

--------SIFQLILA-WVGMGS-E-LGLIILS-YTLLLRSVLR--------

>Q7TRP3

---NIKVNMIFGLIL--ISMVLA-D-VLLIAIS-YMRI--------------

>Q8VG28

---SIKVNVLFGLIL--ISMILL-D-VVLIALS-YAKI--------------

>Q8VF06

---PIKINIIYGLVV--ISHILV-D-MILIASS-YVLILRAVFRIPS-----

>Q8VG19

---DISINIWYGFCVP-IMTVIS-D-VVLIAVS-YTLILCAVFRLPS-----

>Q8VGW1

---DISINIWYGFCVP-IMTVII-D-VILIAIS-YTLILCAVFRLPS-----

>Q8VG78

---DISINIWYGFSVP-LMTVIS-D-VILIAVS-YIFILRAVFLLSS-----

>Q8VGW5

-----------GFSVP-IVMVIV-D-VILIAVS-YSLILRAVFRLPSQ----

>Q8VGA1

---SIKVNIYYGVIVA-LFSTCL-D-AVLIIVS-YALILCAVFRIPS-----

>Q7TRP4

-------NAVYGLLVA-LVVCAF-D-IFCITVS-YTMILRAVMNLSS-----

>Q8VG79

---NIKINAIYGLIIA-IFIGGF-D-IFCISMS-YAMIIHAVVKLSS-----

>Q8VGU9

---SIKINVIYGLMVA-LLIGVF-D-ICCISVS-YTMILRAVVSLSS-----

>Q8VGW3

---NAKVNAIYGLMVA-LLIGVF-D-ICCISVS-YTMILRAVVSLSS-----

>Q8VH00

---NAKVNAIYGLMVA-LLIGVF-D-ICCISVS-YTMILRAVVSLSS-----

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---NIKVNIVYGLMIA-LFIGGF-D-ILCITVS-YTMILKAVV---------

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-------NRGYGLFVA-FSVAVF-D-LAVISVS-YAMILRAVLRLPS-----

>Q8VGW0

-------NRGYGLFVA-FSVVGF-D-IIVISVS-YVMILRAVLRLPS-----

>Q8VGZ2

-------NRGYGLFVA-FSVVGF-D-IIVISVS-YVMILRAVLRLPS-----

>Q7TRR2

-------NKICGLFVG-FSVLGF-D-MVFIIIS-YALIFQAVFRLKQ-----

>Q8VF27

----TTFNRIYGLVVA-MLVVGV-D-ISAIASS-YALILRAIMHLSS-----

>Q7TRQ1

-------NSHYGLSIV-LLTFGL-D-SALILIS-YVLILRSVL---------

>Q8VGZ6

----TRINSAFGLAIV-ISTAGL-D-SVLILLS-YVLIIHSVL---------

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>Q924X8

----TTINSMYGLFIV-ISAFGV-D-SVLILLS-YVLILRSVL---------

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----IKANSIYGMFVI-VSTVGV-D-SLLILFS-YALILRTVL---------

>Q8VGX7

---DITVNILYGLYVV-LSTVGI-D-SLLIVMS-YSLILHTVM---------

>Q8VH14

---DITVNILYGLYVV-LSTVGV-D-SLLIVMS-YSLILHTVM---------

>Q8VH17

----IIVNHIYGLFVV-ACTVGV-D-SLLIFLS-YTLILHAVLGKAS-----

>Q8VGZ7

---DIRVNIIYGLIVI-ISAIGL-D-SLLISFS-YLLILKTVLG--------

>Q8VGY8

----TRLNSILGLAIV-LATFGL-D-SLLIVVS-YGLILYTVMGIAS-----

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----TRFNRLYGLCII-MLAMGS-D-VLFILLS-YAVILRTVL---------

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>Q9EQQ7

---DIRFNVIYGLVLI-TLLWGM-D-SLGIFVS-YVLILHSVL---------

>Q8VH20

----IRVNRWYGFALV-LLIIVL-D-PLLIVLS-YALILKSVL---------

>Q8VBV9

---------VYGLTAI-LLVMGV-D-VMFISLS-YFLIIRTVLQ--------

>Q8VGX9

---------VYGLTAA-LLVIGV-D-LFCIGLS-YALIAQAVFRLSSQ----

>Q8VGY7

----TLINRAYGISVA-LSVITV-D-LGLIATS-YVKI--------------

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>Q8VF28

-------RRAYSLIVA-FLTGGV-D-FILIICS-YVLILNTVFHLPTK----

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>Q8VGX6

-------------------TFGM-D-LLFIFLS-YVLILRSVMAIASHEER-

>Q8VGZ3

-------------------TKGS-D-SLSILIS-YVFILRTVMAIASGEGR-

>Q8VH12

----DNRVNFYYGLFV-ALCMMS-D-SVFIAVS-YVFILKTVL---------

>Q8VH16

----DNTVNFFYGFFV-ALCMMS-D-SMFIAVS-YIFILKTVM---------

>Q8VH13

----DNKFNVIYGLFV-ALTGIL-D-ITFIFMS-YALILRAVLGIAS-----

>Q7TRM4

-----------MVSNS-GILSLV-C-FLVLLFS-YALILITLRTHLH-----

>Q9R0K4

------------VSNS-GLISVV-C-FVVLVVS-YAVILVSLRQQIS-----

>Q8VFT4

------------IFSS-GLISVV-C-FIALLMS-YAFLLTMLKKHSS-----

>Q8VEX7

-CTDTHIFGLFVVANS-GLICII-V-FVLLLVS-YGFILLSLRSQSS-----

>Q8VGG1

-CTDTHIYVLLIFANS-GAICII-I-FSLLIVS-YGVILFSLRAQSS-----

>Q8VGM5

-CTDTHIFVILVFANS-GSICII-I-FSILLVS-YSVILFSLRAHSS-----

>Q8VF91

-CTDTHIIGLTVVANG-GAICML-V-FIILIIS-YGIILRSLK---------

>Q8VG73

ACTDTYLIGLTVVANG-GAICMT-V-FILLLVS-YGII--------------

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ACTDTYVIGLTVVAND-GAICVV-I-FMLLVIS-YGVI--------------

>Q8VGM6

ACTDTYFLGITVMANG-GVICVG-I-FTFLLVS-YGII--------------

>Q8VGM7

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------------IFNS-GLLTLL-C-FLGLLTS-YAVILCHVHRSAS-----

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------------ISNN-GLITTL-W-FVLLLVS-YTVILTMLRSHTG-----

>Q8VG74

------------ISNN-GLVATL-W-FVLLVVS-YTVILMMLRSHSG-----

>Q8VFV0

------------ISNN-GLVTTL-W-FIFLLVS-YMVILMMLRSQAG-----

>Q8VET0

-----------VTANS-GLISVG-S-FFILIIS-YIFILVTVRKHSS-----

>Q8VF10

-----------VSINS-GFMSVG-S-FFILIIS-YIVIIFTVQKHSS-----

>Q8VG12

-----------VTANS-GFISVG-S-FFILIVS-YIVIIISVQKHSS-----

>Q8VF84

------------TANS-GFISMA-T-FFILIVS-YIFILVTVRKHSS-----

>Q8VF85

------------TANS-GFISVA-S-FLILIIS-YIFILVTVQKKSL-----

>Q8VF40

-----------VAANS-GIISIG-T-FFLLIIS-YIVILFNVRKHSS-----

>Q8VF29

------------AANS-GFMTLG-T-FFLLLLS-YVFILVTVWQRSS-----

>Q8VG62

-----------VMANS-GLFSII-S-LFILVSS-YAVILISLRKRSA-----

>Q8VGN8

-----------VMANS-GLISII-S-LFILVSS-YAIILISLRKHSA-----

>Q8VGM3

-----------VVGNN-GAMSIV-V-FILLLVS-YGIILNSLKTHSQ-----

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----------LLVSNS-GAICTV-S-FLVLMFS-YVIILHSLRNHSA-----

>Q8VG21

----------LLVSNS-GTLCTV-S-FLMLMVS-YIIILYSLRNHSA-----

>Q8VGN4

--MDTHNLGLFVAANS-GFICLL-N-FLLLMIS-YIVILDALKSHSK-----

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--TDTHTLGIFVAANS-GFICLL-N-FLLLLVS-YVAILRS-----------

>Q8VGF5

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>Q8VET4

------------VVNS-GILSLS-T-FSLLVSS-YVIILVTVWFKSSAA---

>Q8VF41

------------NADS-GVLAAI-C-FVLLLVS-YFHILTTVCLHSKDGA--

>Q8VGG8

-----------INADS-GVLATT-C-FILLLIS-YTYILLTVQLH-------

>Q8VGE9

----SHNLDILMYADC-GVVGVT-C-FILLLIS-YTYILITVRRSSK-----

>Q8VG47

-CTDTRLLVIVIITTT-GVMSIL-T-FVALVIS-YIIILSILRTRSS-----

>Q8VEY3

-----SLAQRVSFTNV-GLVSLV-C-FLLILLS-YTRITI------------

>Q9EQ84

-------AQRVGFTNV-GLLSLI-C-FFLIIVS-YTRIGISIS---------

>Q7TRY5

-----------IFTEG-VAVVVS-P-FFFILGS-YIRIGFVIAHMHS-----

>Q8VF16

-----------IFTEG-VAVVVS-P-IFFIFGS-YVRIGIVIAHMHS-----

>Q8VFP3

----PVLNEMLIFTEG-VAVVGS-P-FFFIWGS-YVRI--------------

>Q8VEV6

---------------G-TCDGIL-T-LLVILNT-YLLIFIAILRMRSA----

>Q8VGA6

-SHAEEIAFIVMIFAA-FDLI-V-S-LLIVLVS-YMFILIAVLRMNS-----

>Q8VFC3

-------IETVAFATS-SAVTLV-P-FFLITIS-YSCILIAILRIPS-----

>Q7TS17

----DVSTNATAIVCT-FVIHASGT-FLLVVCS-YGCIFSTILNMSS-----

>Q8VGW8

-------AELVDFVLA-LVIFLF-P-LSITVLS-YGCILATVLRMPTG----

>Q8VG96

-------------VVT-GSISMG-A-FLLILLS-YFYIIAFLLFKNRS----

>Q8VF73

---NNDINFMLILIFV-GFNLTF-T-VSVVILS-YIYIMAAILKMSST----

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-------SQLACLVIS-IFSESS-S-VLITLAS-YVFIVVTIIKMPSK----

>Q8VFN6

-------LELLGLLAT-ILVIPG-S-LLFTIIS-YIYILSTIL---------

>Q8VGH5

-------TELVDFISA-IVILWG-S-LLVAMAS-YVAIGRTVL---------

>Q8VG66

----TTNIEIIIVFFG-NFVILA-N-ALVILIS-YLLIIKAVM---------

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---NIKVNIIYGLGAI-SILFFD---IIAIALS-YAQILRA-----------

>Q8VGV8

---SVKANVIYGLCAI-CNLLFD---IVAIVLS-YIQILRV-----------

>Q8VG26

---NIKVNVIYGLVAF-SVGYID---LSVIGFS-YIRILQA-----------

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---QVKINIFYGLVLV-IFSFGV-D-FLLIAIS-YALIFQAVM---------

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----RFNVKMMYLGVG---VFSV-P-LLCIIIS-YVRVFSTVL---------

>Q7TRX2

----RFNVKMMYLGVG---VFSV-P-LLCIIIS-YVRVFSTVL---------

>Q8VFP5

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>Q8VFN8

-CSETLVAIYSCLGIG-VCLGMS-C-FICVVIS-YFYIFSTVL---------

>Q8VFX2

----THISKLVVFFVV-GFNVFF-T-LLVIIIS-YFFIY-------------

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----TRVNQLVFLGA--VVLFVA-P-CILIVVS-YVRITMV-----------

>Q8VFE7

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-CMDTWVYEYMVFVST-SLFLLL-P-FLGITAS-YGRV--------------

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-CADTSLVEFLGFVIA-NFSLLG---TLAVTATCYG----------------

>Q8VF69

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>Q9EQ90

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>Q9EQ91

----------LDVINH-YFCDLL-P-LLNLASS-NIYINEILI---------

>Q8VF83

---------IMSPRVC-LFFLIT-SWVIGLIHS-VVQLVF-VVDLPFC----

>Q8VFV4

-----------SLCVH-MVVGAY---STGLLGS-LIQLCA-ILQLHFC----

>Q8VH18

--------VLTPMAIG-KMTLAI---WGRSIGT-IFPIIFLLKRLSY-----

>Q8VG40

-------CEYSAIISA-ACSDSSISQIACLLICMFNEIC-------------