

gi | 73959945 | ref | XP_537043.2 | MAEPRRLHPHAGGTGRTERRRRLRLLRLLWVGTAVQVTRGAGPELHACKESYHYEYIACDSTGSRWRVAVPHPTGLCTSLPDPVKGTECFSCFSCRAGEFLDMKDQSCKPCAEGRYSLGTGIRFDEWDELPHGFASLSTNMEIEDSTIE 150
gi | 119889657 | ref | XP_001252339.1 | MAEPGSLHPSARGRGRTEPRTEFRLLRLLWVGTAFVQVQAGLELHACKESYHYEYIACDSTGSRWRVAVPHPTGLCTSLPDPVKGTECFSCFSCRAGEFLDMKDQSCKPCAEGRYSLGTGIRFDEWDELPHGFASLSTNMEIEDSTIE 150
gi | 38569482 | ref | NP_065826.2 | MAEPGSHHLLSARVRGRTERRRRLRLLWVGTAFVQVQAGLELHACKESYHYEYIACDSTGSRWRVAVPHPTGLCTSLPDPVKGTECFSCFSCRAGEFLDMKDQSCKPCAEGRYSLGTGIRFDEWDELPHGFASLSTNMEIEDSTIE 150
gi | 85701810 | ref | NP_001028476.1 | -----MKDQSCKPCAEGRYSLGTGIRFDEWDELPHGFASLSTNMEIEDSTIE 150
gi | 68365156 | ref | XP_696051.1 | -----MSGLVYHFEYIDCVLGRWRVAVPHPTGLCTSLPDPVKGTECFSCFSCRAGEFLDMKDQSCKPCAAGTYSLGTGVAFADEWDELPHGFVTHGINMNGD----- 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi | 73959945 | ref | XP_537043.2 | MENCASAKWVPLGDYIASNIDECTAILMVAVNLKQSGVNVFEYYYPDSSILIFEFFVNDQCQPNVDDSRWMTTEKGEWPHSVLNRGNVLYWRITAFSVGSKVSKPVLVNRNIAITGVAYTSECFPCPKPGTYADKQSSFCLELCPANSY 300
gi | 119889657 | ref | XP_001252339.1 | MENCASAKWVPLGDYIASNIDECTAILMVAVNLKQSGVNVFEYYYPDSSILIFEFFVNDQCQPNVDDSRWMTTEKGEWPHSVLNRGNVLYWRITAFSVGSKVSKPVLVNRNIAITGVAYTSECFPCPKPGTYADKQSSFCLELCPANSY 300
gi | 38569482 | ref | NP_065826.2 | MENCASAKWVPLGDYIASNIDECTAILMVAVNLKQSGVNVFEYYYPDSSILIFEFFVNDQCQPNVDDSRWMTTEKGEWPHSVLNRGNVLYWRITAFSVGSKVSKPVLVNRNIAITGVAYTSECFPCPKPGTYADKQSSFCLELCPANSY 300
gi | 85701810 | ref | NP_001028476.1 | MENCASAKWVPLGDYIASNIDECTAILMVAVNLKQSGVNVFEYYYPDSSILIFEFFVNDQCQPNVDDSRWMTTEKGEWPHSVLNRGNVLYWRITAFSVGSKVSKPVLVNRNIAITGVAYTSECFPCPKPGTYADKQSSFCLELCPANSY 300
gi | 68365156 | ref | XP_696051.1 | YTNCAEHWIPLKGYIASNIDECTSLVAVSLKPGVSVFQIYIPDNHMFPEFFVNDQCQSTDSQNRWMTTEKSDWDVHYVPLSSGNVLYWRITGFLSANLAKPVLLKNIATISGVYTSCEFHCKPGTYADKQSSFCLELCPANSY 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi | 73959945 | ref | XP_537043.2 | SNKGETSCHPDDPKYSEKGSSECKVRPACTDKDYFYTHTACDANGETOLMYKWAQPKICGDELGAVKLPASGVKTRCPPCPNGFFKTNNSTCEPCPYGSYNSGSDCHCPAGTEPAVGFYKWNWLPNSMETTVLSGINFEYKGMFG 450
gi | 119889657 | ref | XP_001252339.1 | SNKGETSCHPDDPKYSEKGSSECKVRPACTDKDYFYTHTACDANGETOLMYKWAQPKICGDELGAVKLPASGVKTRCPPCPNGFFKTNNSTCEPCPYGSYNSGSDCHCPAGTEPAVGFYKWNWLPNSMETTVLSGINFEYKGMFG 450
gi | 38569482 | ref | NP_065826.2 | SNKGETSCHPDDPKYSEKGSSECKVRPACTDKDYFYTHTACDANGETOLMYKWAQPKICGDELGAVKLPASGVKTRCPPCPNGFFKTNNSTCEPCPYGSYNSGSDCHCPAGTEPAVGFYKWNWLPNSMETTVLSGINFEYKGMFG 450
gi | 85701810 | ref | NP_001028476.1 | SNKGETSCHPDDPKYSEKGSSECKVRPACTDKDYFYTHTACDANGETOLMYKWAQPKICGDELGAVKLPASGVKTRCPPCPNGFFKTNNSTCEPCPYGSYNSGSDCHCPAGTEPAVGFYKWNWLPNSMETTVLSGINFEYKGMFG 450
gi | 68365156 | ref | XP_696051.1 | SNKGAIAQCTCDMDKYSIGSGACTQRPACKTSDYFYTHTACDANGETOLMYKWAQPKICGDELGAVKLPASGVKTRCPPCPNGFFKTNNSTCEPCPYGSYNSGSDCHCPAGTEPAVGFYKWNWLPNSMETTVLSGINFEYKGMFG 450
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi | 73959945 | ref | XP_537043.2 | WEVAGDHIYTAGVASDNDFMILLVVPGRFRPPQSVMDTENKEVARITFVFETLCSVNCLELFMVGVNSRINTPVEVTKGSKGQSYTYIIEENATMSFTWAFQRTTFHETGRKYINDVAKIYSINVTNVMDGVASVCRPCALBASDMGS 600
gi | 119889657 | ref | XP_001252339.1 | WEVAGDHIYTAGVASDNDFMILLVVPGRFRPPQSVMDTENKEVARITFVFETLCSVNCLELFMVGVNSRINTPVEVTKGSKGQSYTYIIEENATMSFTWAFQRTTFHETGRKYINDVAKIYSINVTNVMDGVASVCRPCALBASDMGS 600
gi | 38569482 | ref | NP_065826.2 | WEVAGDHIYTAGVASDNDFMILLVVPGRFRPPQSVMDTENKEVARITFVFETLCSVNCLELFMVGVNSRINTPVEVTKGSKGQSYTYIIEENATMSFTWAFQRTTFHETGRKYINDVAKIYSINVTNVMDGVASVCRPCALBASDMGS 600
gi | 85701810 | ref | NP_001028476.1 | WEVAGDHIYTAGVASDNDFMILLVVPGRFRPPQSVMDTENKEVARITFVFETLCSVNCLELFMVGVNSRINTPVEVTKGSKGQSYTYIIEENATMSFTWAFQRTTFHETGRKYINDVAKIYSINVTNVMDGVASVCRPCALBASDMGS 600
gi | 68365156 | ref | XP_696051.1 | WEVAGEVIYTIIPSDQSDSYMMLLITVPGVSLPHSLREDNERVELSRITFVFETLCSVNCLELFMVGVNSRINTPVEVTKGSKGQSYTYIIEENATMSFTWAFQRTTFHETGRKYINDVAKIYSINVTNVMDGVASVCRPCALBASDMGS 600
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



gi | 73959945 | ref | XP_537043.2 | SCTSPAGFYIDRDSGTCHSCPPNTILKAHOPIYQACIPCGPGTKSNKIHSILCYNDCTFSVSTRTRFENYFALANTVSLAGGPFSTSKGLKYFHFFTLSLCCNGGRKMSVCTDNVTDLRIPESGSGFSKPIAVVCOAVIIPPEVTG 750
gi | 119889657 | ref | XP_001252339.1 | SCTSPAGFYIDRDSGTCHSCPPNTILKAHOPIYQACIPCGPGTKSNKIHSILCYNDCTFSVSTRTRFENYFALANTVSLAGGPFSTSKGLKYFHFFTLSLCCNGGRKMSVCTDNVTDLRIPESGSGFSKPIAVVCOAVIIPPEVTG 750
gi | 38569482 | ref | NP_065826.2 | SCTSPAGFYIDRDSGTCHSCPPNTILKAHOPIYQACIPCGPGTKSNKIHSILCYNDCTFSVSTRTRFENYFALANTVSLAGGPFSTSKGLKYFHFFTLSLCCNGGRKMSVCTDNVTDLRIPESGSGFSKPIAVVCOAVIIPPEVTG 750
gi | 85701810 | ref | NP_001028476.1 | SCTSPAGHYINRDSGTCHLCPNSNTILKAHOPIYQACIPCGPGTKSNKIHSILCYNDCTFSVSTRTRFENYFALANTVSLAGGPFSTSKGLKYFHFFTLSLCCNGGRKMSVCTDNVTDLRIPESGSGFSKPIAVVCOAVIIPPEVTG 750
gi | 68365156 | ref | XP_696051.1 | SCVSCAPGHVMVYGTGCRHCPPNTIIRPEQPVGKEAIPCGPNTYSNKGRSACMSDCLALDHKGEELYDFSSMGNIIYGFQSSPRFTSKGLQYFHFFSVALGASRAVAECVENVTE-----KREYKGLICQSTVVPSEIRG 750
.....610.....620.....630.....640.....650.....660.....670.....680.....690.....700.....710.....720.....730.....740.....750



gi | 73959945 | ref | XP_537043.2 | YKAGVSSQPVSLADRLIGVITDMTLDGITSAPAEFLFHPESLGIPIVDFYFRSNDVTQSCSFRSTIIRVRCPLKPPAPGSLSLPSTCSDGFCGDCNFHFLWESLAACPCLCSADYHAIVSSCVAGIKTITVWREPKLCSGGISLPEQRVT 900
gi | 119889657 | ref | XP_001252339.1 | YKAGVSSQPVSLADRLIGVITDMTLDGITSAPAEFLFHPESLGIPIVDFYFRSNDVTQSCSFRSTIIRVRCPLKPPAPGSLSLPSTCSDGFCGDCNFHFLWESLAACPCLCSADYHAIVSSCVAGIKTITVWREPKLCSGGISLPEQRVT 900
gi | 38569482 | ref | NP_065826.2 | YKAGVSSQPVSLADRLIGVITDMTLDGITSAPAEFLFHPESLGIPIVDFYFRSNDVTQSCSFRSTIIRVRCPLKPPAPGSLSLPSTCSDGFCGDCNFHFLWESLAACPCLCSADYHAIVSSCVAGIKTITVWREPKLCSGGISLPEQRVT 900
gi | 85701810 | ref | NP_001028476.1 | YKAGVSSQPVSLADRLIGVITDMTLDGITSAPAEFLFHPESLGIPIVDFYFRSNDVTQSCSFRSTIIRVRCPLKPPAPGSLSLPSTCSDGFCGDCNFHFLWESLAACPCLCSADYHAIVSSCVAGIKTITVWREPKLCSGGISLPEQRVT 900
gi | 68365156 | ref | XP_696051.1 | --SVVSSQPVSLADRLIGVITDMTLDGITSAPAEFLFHPESLGIPIVDFYFRSNDVTQSCSFRSTIIRVRCPLKPPAPGSLSLPSTCSDGFCGDCNFHFLWESLAACPCLCSADYHAIVSSCVAGIKTITVWREPKLCSGGISLPEQRVT 900
.....760.....770.....780.....790.....800.....810.....820.....830.....840.....850.....860.....870.....880.....890.....900



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gi | 73959945 | ref | XP_537043.2 | ICKTIDFWLKVGI SAGTCTAAILLTVLTCYFWKKNQKLEYKYSKLVMNATLKDCDLPAADS CAIMEGEDVEDDLIFTSKKSLFGKIKSFTSKRTPDGFDSVPLKTSSGGPDMDL- 1014
gi | 119889657 | ref | XP_001252339.1 | ICKTIDFWLKVGI SAGTCTAAILLTVLTCYFWKKNQKLEYKYSKLVMNATLKDCDLPAADS CAIMEGEDVEDDLIFTSKKSLFGKIKSFTSKRTPDGFDSVPLKTSSGGPDMDL- 1014
gi | 38569482 | ref | NP_065826.2 | ICKTIDFWLKVGI SAGTCTAAILLTVLTCYFWKKNQKLEYKYSKLVMNATLKDCDLPAADS CAIMEGEDVEDDLIFTSKKSLFGKIKSFTSKRTPDGFDSVPLKTSSGGPDMDL- 1014
gi | 85701810 | ref | NP_001028476.1 | ICKTIDFWLKVGI SAGTCTAAILLTVLTCYFWKKNQKLEYKYSKLVMNATLKDCDLPAADS CAIMEGEDVEDDLIFTSKKSLFGKIKSFTSKRTPDGFDSVPLKTSSGGPDMDM- 1014
gi | 68365156 | ref | XP_696051.1 | ICKTIDFWLKVGI SAGTCTAAILLTVLTCYFWKKNQKLEYKYSKLVMNATLKDCDLPAADS CAIMEGEDVEDDLIFTSKKSLFGKIKSFTSKRTPDGFDSVPLKTSSGGPDMDM- 1014
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010....

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