

gi | 47458807 | ref | NP_998825.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 6981592 | ref | NP_036879.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 73965760 | ref | XP_859548.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 60592794 | ref | NP_001012689.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 21618338 | ref | NP_003141.2 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 114667249 | ref | XP_001165417.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 118102970 | ref | XP_001231211.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150
gi | 18859435 | ref | NP_571554.1 | MAQWNQLQQLDTRYLEQLHLYSDSPFMELRQFLAPWIESQDWAYAASKESHATLVFHNLLGEIDQOYSRFLQESNVLYQHNLRRIKQFLQSRYLEKPMETARIVARCLWESRLLQTAATAAQQGGANHPAAVVTEKQOMLEQHLQD 150



gi | 47458807 | ref | NP_998825.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 6981592 | ref | NP_036879.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 73965760 | ref | XP_859548.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 60592794 | ref | NP_001012689.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 21618338 | ref | NP_003141.2 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 114667249 | ref | XP_001165417.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 118102970 | ref | XP_001231211.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300
gi | 18859435 | ref | NP_571554.1 | VRKRVDLEQKMKVVENLQDDDFNFYKILKSGQDM-QDLNGNNS-VTRQKMOOLEQMLTALDQMRRSIVSELAGLLSMEYVOKILTDEBLADWKRROQIACIGGPPNICLDRLENWITSLAESQLQTRQIKKLEELQKQVSYKGDPT 300



gi | 47458807 | ref | NP_998825.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 6981592 | ref | NP_036879.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 73965760 | ref | XP_859548.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 60592794 | ref | NP_001012689.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 21618338 | ref | NP_003141.2 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 114667249 | ref | XP_001165417.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 118102970 | ref | XP_001231211.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450
gi | 18859435 | ref | NP_571554.1 | VQHRPMLERIVELFRNLKMSAFVVERQPCMPMHDPDRPLVIKTVGQFTTKVRLLVKFPPELNLYQLKIKVICIDKSDGVAALRGRSRKFNILGTNTKVMNMBESNNGSLSAEFKHLTLREORCGNGGRANDASLIVTEELHLITFETEVYHQ 450



gi | 47458807 | ref | NP_998825.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 6981592 | ref | NP_036879.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 73965760 | ref | XP_859548.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 60592794 | ref | NP_001012689.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 21618338 | ref | NP_003141.2 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 114667249 | ref | XP_001165417.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 118102970 | ref | XP_001231211.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600
gi | 18859435 | ref | NP_571554.1 | GLKIDLETHSLPVVVISNIQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSITTKRGLSIEOLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFSPFWWLDNIIDLVKKYILALWNEGYIMGFISKERERAIL 600



gi | 47458807 | ref | NP_998825.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 6981592 | ref | NP_036879.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 73965760 | ref | XP_859548.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 60592794 | ref | NP_001012689.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 21618338 | ref | NP_003141.2 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 114667249 | ref | XP_001165417.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 118102970 | ref | XP_001231211.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750
gi | 18859435 | ref | NP_571554.1 | STKPPGTFLLRFSSESSKEGGVTFWVEKDISGKTQIQSVEPYTKQOLNNSFABEIIIMGYKIMDAIINLVSPLVLYLPDIPKEAFGKYCRPESQEHPEA-DPG--AAPYLKTKFICVTP-----TTCNTIDL-P 750



gi		47458807		ref		NP_998825.1		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		6981592		ref		NP_036879.1		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		73965760		ref		XP_859548.1		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		60592794		ref		NP_001012689.1		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		21618338		ref		NP_003141.2		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		114667249		ref		XP_001165417.1		MSPRITLDSLMQFGNNGEGAEPSSAGGQFESLTFDMDLTSECAT-----SPM-----	812
gi		118102970		ref		XP_001231211.1		-----	812
gi		18859435		ref		NP_571554.1		MSPRITLDSLMHN---EAAEANPG-PLSLLTDMELSSDHASPMREGFAASTVSDMDTCRNA	812
							760.....770.....780.....790.....800.....810..	

