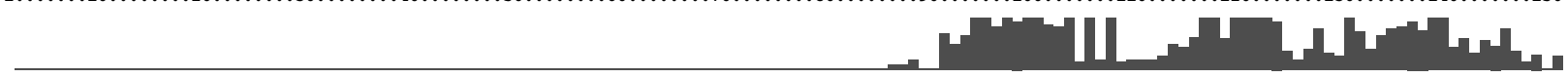


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gi | 8572500 | ref | NP_001033936.1 | -----MSK--IGINGFGRIGRLVLRRAAIDKRG--ASVVAVNDPFDVNMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 17933600 | ref | NP_525091.1 | -----MSK--IGINGFGRIGRLVLRRAAIDKRG--ANVVAVNDPFDVNMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 58391523 | ref | XP_318655.2 | -----MSK--IGINGFGRIGRLVLRRAAIDKRG--ASVVAVNDPFDVNMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 17534679 | ref | NP_496192.1 | -----MSKANVGINGFGRIGRLVLRRAAVEKDTVGVVAVNDPFDITIDYVMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 17534677 | ref | NP_496237.1 | -----MSKANVGINGFGRIGRLVLRRAAVEKDTVGVVAVNDPFDITIDYVMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 32566163 | ref | NP_508534.3 | -----MKKPSVGVINGFGRIGRLVLRRAAVEKDSVNVVAVNDPFDISIDYVMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 17568413 | ref | NP_508535.1 | -----MKKPSVGVINGFGRIGRLVLRRAAVEKDSVNVVAVNDPFDISIDYVMVYLFKFDSTHGRFKGTVAAE-G 150
gi | 7669492 | ref | NP_002037.2 | -----MGKVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 114643052 | ref | XP_001162057.1 | -----MGKVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 77404273 | ref | NP_001029206.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 119893091 | ref | XP_001252512.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 50978862 | ref | NP_001003142.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 109503241 | ref | XP_001070653.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 109475159 | ref | XP_001062726.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 8393418 | ref | NP_058704.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 62653546 | ref | XP_576394.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 149249983 | ref | XP_001479901.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 46048961 | ref | NP_989636.1 | -----MVK--VGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 169403947 | ref | NP_001108586.1 | -----MVK--VGINGFGRIGRLVTRAAFNTKKEVEIVAINDPFDLDMVYMFQYDSTHGKYGVEVKA-G 150
gi | 124810131 | ref | XP_001348772.1 | -----MAVTKLGVINGFGRIGRLVTRAAFGRKDIIEVAINDPFDMLNHLCCYLLKDDSTHGQFPCEVTHA-D 150
gi | 39973539 | ref | XP_368160.1 | -----MVKCGINGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 32414975 | ref | XP_327967.1 | -----MVKCGINGFGRIGRLVTRAAFNSGKVDIVAINDPFDLNMVYMFQYDSTHGKFGHTVKAEN 150
gi | 15219406 | ref | NP_178071.1 | -----MAFSSLLRSAASYVAAPRPDFFSSPASDHSKVLSSLGFSRNLKPSRFSSGISLHLQNGNARSVQPIKATATEVPSAVRRSSSGKKVGVINGFGRIGRLVLRRIASRDDIEVVAVNDPFDIAKYMAYMFKYDSTHGKFGHTVKAEN 150
gi | 15219206 | ref | NP_173080.1 | -----MALSSLLRSAAH-SAAAPRVRLYPSNNHSQVTSLSLGFSSHLTSSRFS-GAAVSTGKYNAKRVPIKATATEVPSAVRRSSSGKKVGVINGFGRIGRLVLRRIASRDDIEVVAVNDPFDIAKYMAYMFKYDSTHGKFGHTVKAEN 150
gi | 115444503 | ref | NP_001046031.1 | -----MAQQLSAPFRAAA-----AGSRA-SAAADPAKVLRLSAGSAQFT-----STAASSFARNIEPLRAIATQAPPVVPYSSGKTKVGVINGFGRIGRLVLRRIASRDDIEVVAVNDPFDIAKYMAYMFKYDSTHGKFGHTVKAEN 150
gi | 115469420 | ref | NP_001058309.1 | -----MASLAVPLRASAPATAGTGSGG-GSRAADPVKVC-----VREKVICGFP-----SVGASSLASVEPVRAIATQAPLATHOSSSTGKTKVGVINGFGRIGRLVLRRIASRDDIEVVAVNDPFDIAKYMAYMFKYDSTHGKFGHTVKAEN 150
gi | 19112946 | ref | NP_596154.1 | -----MAIPKGVINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 19112028 | ref | NP_595236.1 | -----MAIPKGVINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 6321631 | ref | NP_011708.1 | -----MVRVAINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 6322468 | ref | NP_012542.1 | -----MVRVAINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 6322409 | ref | NP_012483.1 | -----MIRIAINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 50303157 | ref | XP_451516.1 | -----MVRVAINGFGRIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
gi | 45190637 | ref | NP_984891.1 | -----MVKVAINGLKGKIGRLVLRNALVAKTIQVAVNDPFDLDMVYMFQYDSTHGKFGHTVKAEN 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

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gi | 8572500 | ref | NP_001033936.1 | GFLVNV---CQKIIVFSERDPANINWASAGAEYVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 17933600 | ref | NP_525091.1 | GFLVNV---CQKIIVFSERDPANINWASAGAEYVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 58391523 | ref | XP_318655.2 | GFLVNV---CQKIIVFSERDPANINWASAGAEYVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 17534679 | ref | NP_496192.1 | DFLIVQKDGKSHHKIKVFNKDPAAIAGWSVKADVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 17534677 | ref | NP_496237.1 | DFLIVQKDGKSHHKIKVFNKDPAAIAGWSVKADVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 32566163 | ref | NP_508534.3 | DYLLVAKEGKSHHKIKVFNKDPAAIAGWSVKADVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 17568413 | ref | NP_508535.1 | DYLLVAKEGKSHHKIKVFNKDPAAIAGWSVKADVVESTGVFTTIDKASTHLKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 7669492 | ref | NP_002037.2 | GKLVIN---GNPITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 114643052 | ref | XP_001162057.1 | GKLVIN---GNPITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 77404273 | ref | NP_001029206.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 119893091 | ref | XP_001252512.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 50978862 | ref | NP_001003142.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 109503241 | ref | XP_001070653.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 109475159 | ref | XP_001062726.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 8393418 | ref | NP_058704.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 62653546 | ref | XP_576394.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 149249983 | ref | XP_001479901.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 46048961 | ref | NP_989636.1 | GKLVIN---GKAITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 169403947 | ref | NP_001108586.1 | GKLVID---GHAIIVYSERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 124810131 | ref | XP_001348772.1 | GFLLVG---EKKVSVFAEKDPSQIPWQKCVQVVCVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 39973539 | ref | XP_368160.1 | SFLVNV---GKVKVFYTERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 32414975 | ref | XP_327967.1 | ADLVNV---GKVKVFYTERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 15219406 | ref | NP_178071.1 | STLEIN---GKQVNVSKRDPSEIPWADLGAAYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 15219206 | ref | NP_173080.1 | STLEIN---GKQVNVSKRDPSEIPWADLGAAYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 115444503 | ref | NP_001046031.1 | STLEIN---GKQVNVSKRDPSEIPWADLGAAYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 115469420 | ref | NP_001058309.1 | STLEIN---GKQVNVSKRDPSEIPWADLGAAYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 19112946 | ref | NP_596154.1 | GKLVID---GNAIDVHNERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 19112028 | ref | NP_595236.1 | GKLVID---GHSIDVHNERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 6321631 | ref | NP_011708.1 | KHIIVD---GKKAIAFYERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 6322468 | ref | NP_012542.1 | KHIIVD---GKKAIAFYERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 6322409 | ref | NP_012483.1 | KHIIVD---GKKAIAFYERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 50303157 | ref | XP_451516.1 | NSLIID---GKQVNVSKRDPSEIPWADLGAAYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
gi | 45190637 | ref | NP_984891.1 | NTLVID---GKKAIAFYERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHKGGAKKVIISAPS-ADAPMFVCGVNLDAVSPD-MKVVSNASCITNCLAPLAKVINDNFEIVEGLMTTVHAIATOKTVDDGGS--GKLWRDGRGAQN 300
160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

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