

gi | 73998091 | ref | XP_534955.2 | -----MGSSA-----QMLQEGLLP-----QAEG-----VGFSWQLHF-----VVFWAVM-----NRETMPQTSVVFSSII 150
gi | 62752831 | ref | NP_001015601.1 | -----MGSSA-----QMLQEGLLP-----QAEG-----VGFSWQLHF-----VVFWAVM-----NRETMPQTSVVFSSII 150
gi | 109472542 | ref | XP_232315.4 | -----MSPAGANASLCLALSASAPPRVLFTRLAS-----PAQAGRCLGHRGKSRGLGGTGSAPGSGRELLHR-----LRVGQVAGAAARMFLERQEAMPQTSVVFSSGI 150
gi | 117168263 | ref | NP_660356.2 | -----MSPAGANASLCLALSASAPPRVLFTRLAS-----PAQAGRCLGHRGKSRGLGGTGSAPGSGRELLHR-----LRVGQVAGAAARMFLERQEAMPQTSVVFSSGI 150
gi | 94378056 | ref | XP_991351.1 | MEEKGLWSLQETRRAPRDLPTPCNLWACCVLLVWVWLPAIDLDPGAIFFEGSTGSONAPRSGGQMGATELKKKPGPPSPAAPSPTLLCSFRALLLAPRARAPGRRLRRELLCPQLAQGGGQWAGATLALTPEAMPQTSVVFSSII 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



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gi | 73998091 | ref | XP_534955.2 | LGPSHSCGVOPGMGERGSGAAS--EGELVFDGRLIIGSLEALMEHLVPTVDYYPDRYIIFLLSSRVFIPPHDLLARVGIICLEQRQOLETPGSEKAKLKFSFAKIVQLLKEWTEAFPYDFDEKAMAELKAIHRRVTCDEENGTVKKI 300
gi | 62752831 | ref | NP_001015601.1 | -----MGERGGGAGG--EGDLIFQDGRLLIIGSLEALMEHLVPTVDYYPDRYIIFLLSSRVFIPPHDLLARVGIICLEQRQOLEA-GSEKAKLKFSFAKIVQLLKEWTEAFPYDFDEKAMAELKAIHRRVTCDEENGTVKKI 300
gi | 109472542 | ref | XP_232315.4 | LGPNCNRFPVOPGMGERGSGAAS--EGDLIFQDGRLLIIGSLEALMEHLVPTVDYYPDRYIIFLLSSRVFIPPHDLLARVGIICLEQRQOLEA-GPEKAKLKFSFAKIVQLLKEWTEAFPYDFDEKAMAELKAIHRRVTCDEENGTVKKI 300
gi | 117168263 | ref | NP_660356.2 | LGPSCSGVOPGMGERGSGAAS--EGDLIFQDGRLLIIGSLEALMEHLVPTVDYYPDRYIIFLLSSRVFIPPHDLLARVGIICLEQRQOLEA-GPEKAKLKFSFAKIVQLLKEWTEAFPYDFDEKAMAELKAIHRRVTCDEENGTVKKI 300
gi | 94378056 | ref | XP_991351.1 | LGPNCNRFPVOPGMGERGSGAAS--EGDLIFQDGRLLIIGSLEALMEHLVPTVDYYPDRYIIFLLSSRVFIPPHDLLARVGIICLEQRQOLEA-GPEKAKLKFSFAKIVQLLKEWTEAFPYDFDEKAMAELKAIHRRVTCDEENGTVKKI 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



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gi | 73998091 | ref | XP_534955.2 | AIAQMTOSLLLSLAARSQLELREKLRSPPAMDKGSVLKAKPPAOKDILGVCCDPLVLAQQLTHIELERVSSIHPELDMQIVSHMDSRDKRCRGDITKTYSLAYDNWVFNCLSMVLVATEVCRVVKKHRTMLREFFIDVARECFNIGNF 450
gi | 62752831 | ref | NP_001015601.1 | AISQMTOSLLLSLAARSQLELREKLRSPPAMDKGPVLKAKPPAAOKDILGVCCDPLVLAQQLTHIELERVSSIHPELDMQIVSHMDSRDKRCRGDMTKTYSLAYDNWVFNCLSMVLVATEVCRVVKKHRTMLREFFIDVARECFNIGNF 450
gi | 109472542 | ref | XP_232315.4 | AITQMTOSLLLSLAARSQLELREKLRSPPVVDKGPVLKAKPPAAOKDILGVCCDPLVLAQQLTHIELERVNIRPELDMQIISHMDSLDNRCRGDMTKTYSLAYDNWVFNCLSMVLVATEVCRVVKKHRTMLREFFIDVARECFNIGNF 450
gi | 117168263 | ref | NP_660356.2 | AIAQMTOSLLLSLAARSQLELREKLRSPPAVDKGPIKAKPPAAOKDILGVCCDPLVLAQQLTHIELDRVSSIYPELDMQIVSHMDSLDNRCRGDITKTYSLAYDNWVFNCLSMVLVATEVCRVVKKHRTMLREFFIDVARECFNIGNF 450
gi | 94378056 | ref | XP_991351.1 | AIAQMTOSLLLSLAARSQLELREKLRSPPVVDKGPVLKAKPPAAOKDILGVCCDPLVLAQQLTHIELERVNIRPELDMQIISHMDSLDNRCRGDMTKTYSLAYDNWVFNCLSMVLVATEVCRVVKKHRTMLREFFIDVARECFNIGNF 450
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



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gi | 73998091 | ref | XP_534955.2 | NSMMAIISGMNLSFVARLKKIWSKVKAKFDVLEHMDPSSNFCNYR TALGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTNHLPSGHVNFKKFWEISRQIHEFMTWTQVECPPEKDKKIQS YLLTAPIYSEALFVAFSESEG 600
gi | 62752831 | ref | NP_001015601.1 | NSMMAIISGMNLSFVARLKKIWSKVKAKFDVLEHMDPSSNFCNYR TALGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTNHLPSGHVNFKKFWEISRQIHEFMTWTQVECPPEKDKKIQS YLLTAPIYSEALFVAFSESEG 600
gi | 109472542 | ref | XP_232315.4 | NSMMAIISGMNLSFVARLKKIWSKVKAKFDVLEHMDPSSNFCNYR TALGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTNHLPSGHVNFKKFWEISRQIHEFMTWTQVECPPEKDKKIQS YLLTAPIYSEALFVAFSESEG 600
gi | 117168263 | ref | NP_660356.2 | NSMMAIISGMNLSFVARLKKIWSKVKAKFDVLEHMDPSSNFCNYR TALGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTNHLPSGHVNFKKFWEISRQIHEFMTWTQVECPPEKDKKIQS YLLTAPIYSEALFVAFSESEG 600
gi | 94378056 | ref | XP_991351.1 | NSMMAIISGMNLSFVARLKKIWSKVKAKFDVLEHMDPSSNFCNYR TALGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTNHLPSGHVNFKKFWEISRQIHEFMTWTQVECPPEKDKKIQS YLLTAPIYSEALFVAFSESEG 600
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



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gi | 73998091 | ref | XP_534955.2 | PENHMEKDSWKTLRTLLNRA 621
gi | 62752831 | ref | NP_001015601.1 | PENHMEKDSWKTLRTLLNRA 621
gi | 109472542 | ref | XP_232315.4 | PENHMEKDSWKALRTLLNRA 621
gi | 117168263 | ref | NP_660356.2 | PENHMEKDSWKTLRTLLNRA 621
gi | 94378056 | ref | XP_991351.1 | PENHMEKDSWKALRTLLNRA 621
.....610.....620.

