

1 110
BEWA_047350 EMA10 (1) MMTKSLFGVAVFTYFAVSVFAAQPSPQELKPVAGPDGLQGPVIGVKGKLTAKTPDPSARELSSGANSTHDRESTGKPESEERRYDGPISAGFCPPGPTNPSAFI
BEWA_026850 EMA1 (1) MI--SKSFVAVFASIAIISILAE EKPKASG-----AVVDFQLESIDHVTIDKQSE-E---HIYYTAHEGYAEKVKEGDSVITKTFDLKEQTPKT
BEWA_017320 EMA2 (1) NLSKSFAGVFTLAYLAVSGIFADAPKVSG-----AVVTLGATTLDHITVDDTTAG---KVYYTAHSGYAEKVVVDGKVKVAFDLKVDAPRS
BEWA_034340 EMA3 (1) MMTKSLFGVAAFTYFAISVFAEAAKPKFTG-----LVLDVNEKEIIDHVAVESTGIDD-QIATVFAAHRDFAIEKVVVDGKIKTFDLKSKQTPER
BEWA_028210 EMA4 (1) MAARPLFALLSLASWAVGSAVAEAAKPRPEG-----IILDISK EAMDHVTVESTGDEYGVTKTFTIHEGYAAETVADGSKMISMFNLEFKSPRR
BEWA_042700 EMA5 (1) MIAKSVLGAIALIYVATSGVSAEKKKKSEKKGSESKAGK-----ASVNVNKDIEHVTVPNEGT---VVLFTAHEGYSEIKVFEGSTFTKFNLEAYSPKS
BEWA_052710 EMA6 (1) NLSKSFVAILSLACLTVTEASAKNTPKVVG-----TVVDISKDAVDHVKIEPEDDGN---TVIFSLKDGAAEKVVVDGSETIKTFDLKHAHPKY
BEWA_016670 EMA7 (1) MV-KSLLRASAVVFLALSGVFAKGDVRYLP-----VTVDISNYMLNQPPLFKVQDSE---EVVFNQEGHAIERVVNGDEVIRTFDLKSEAPKT
BEWA_045350 EMA8 (1) MRAT---SLILVISLAIISGTLAAKVHNCSS-----ATVNIANDVNEQYVITKVDEN---HIYYTAEGYAFKVVVDNLVEVATFDLKATSPKT
BEWA_034050 EMA9 (1) -----

111 220
BEWA_047350 EMA10(111) HTCNPKDKLYAALLSPQYSGIAEQLGTGAASVDPVASNAKHAVEEAEDKISSRQEGADPQPKPKGEGKEEEVGDVGDGRDVEIQQKLEFDKPLSLVQASGLPQPPRPETD
BEWA_026850 EMA1 (85) VVRIRKDNKPVVAVSALHLVLLKDDG-----KVVLEVAE FYQE VLFKGF-----
BEWA_017320 EMA2 (86) VTHLKEKHYLTVCVVPALHLAFKKEGD-----AVVEMPLADLYEQVLFKGR-----
BEWA_034340 EMA3 (91) VEKHKVKGDKIFVITVDPALRLAFKKEGD-----AVVEMPLADLYEELVFKGL-----
BEWA_028210 EMA4 (92) VEKYVVGDRMFFVITVDPALCLSEFKDSG-----WVVGPIIYYFYEQVLFKGL-----
BEWA_042700 EMA5 (98) VTKHMKNGKIYVTAAVENALHLAYKDDG-----KYEMPIIIDFYEEVLLKGR-----
BEWA_052710 EMA6 (87) ITKHIDQDKALVTVVEAAYHLAFKKE-K-----EWTSIDITAFHESVFFKGF-----
BEWA_016670 EMA7 (86) VKHIDDNVIVISNVEPSLNLAYKHNGD-----RFVEMDITEFYETVFFKGL-----
BEWA_045350 EMA8 (84) VTKYLIDDIYVTVAMERSQHFAYKKN-----EYVKNLNVFYNVLFKDF-----
BEWA_034050 EMA9 (1) -----MKGL-----

221 330
BEWA_047350 EMA10(221) QGEDGQADETQGGKTKGAVGEENSTASQHGSGAQNQGHTEPEPPAATSSSTAVDQSQLQPEALGAVELAGQTASTALPEAPQQPDGSPPPANITQGNAGE//((118))//
BEWA_026850 EMA1 (133) -----EAVSVDLAAAVS-DKFTETTFGSGKKHTFKAPGKRVLVKVDGKTEIDGDNVVDLELFFSSDNKVARVVLYKGDG-----RIKEIFLK-----
BEWA_017320 EMA2 (134) -----EEVVDLKHEDTALFGSEAFGSGKKHTFTATGKISKVTFGDHVLVDGYSYEVFLGLTVYAHGDKKVATWYLYKPD-----RIKEVFF-----
BEWA_034340 EMA3 (139) -----SGVAVDLKDFADGSLFSAAEFGSGNKHFTSAAGKRASKVTFGEKDLDGNNVILDFVVFVSGDKKVAKVYLYKGDG-----RIKEIFFQ-----
BEWA_028210 EMA4 (140) -----EGIVIDLEKFDAGSLFSAAEFGSGKKHVFAPGKRILKVVYDENVPLIASEGVVGLTVYANGKIAQVIYIHKWETRRESRIKEVFFQ-----
BEWA_042700 EMA5 (146) -----EVATVDLEKLEG-PLFTVTTFGSGKKHTFSSEKRVGKLVADDDTLIKGEEFVTELCVFFVGGKSVARVVLYKGDG-----RIKEVFFQ-----
BEWA_052710 EMA6 (134) -----ESIVLDLEKFDVDSLSVEAFGSGEKYAFAPNKRASKVVSADKDVVSGDDKLI LDACVYAKGDSMIATWYIYKPDG-----RIKEVFFQ-----
BEWA_016670 EMA7 (134) -----ENVVDLDAFSTSGYSSSDFFGPGKMYEFEIPSRRIKLVAGNTVLVSGVDELLGVVVHNGDRKVATWYVFKPDG-----RIKEIFFQ-----
BEWA_045350 EMA8 (132) -----EKVTIDADKCESAVYDASSFGSGKMYEFPSSLRPLKVMASAGKQILGVPKEVLIDVVIYVSGDKILRIGVSRDLS-----RIKEVFFQ-----
BEWA_034050 EMA9 (5) -----EAVTIDLD--EPEYEEISSVFGYKGSYSWPFTKRVGKIIFGEAVILSGKYEVIIETIFTRBEIKVAKIVYIYKPD-----RIKEIFYE-----

441 502
BEWA_047350 EMA10(441) KTDGSAATVVQPAPRVVDTTAAKIRNGMNSSFSADYKAVYDGFSAHVSAIAVVFAVAFY
BEWA_026850 EMA1 (218) -----LVEKAIKRVKDAEETLHGINSTFPADYKVVYDGFVSYGALLAVAAIAFSTLF-
BEWA_017320 EMA2 (220) -----KAGDSVVRVDTAAKILNGINPSFSADYKTYDGFVSYGVFSAVAVVFAVAFY
BEWA_034340 EMA3 (225) -----LVDKAVTRVEVKAATVLSHSDSSFPADYKTVDFGFSAYGVFSAVAVVFAVAFY
BEWA_028210 EMA4 (231) -----KTEEDVVKVAKAATVLDHDMNPEFPADYKTVYDGFVSGVFLAITTLAVALFC
BEWA_042700 EMA5 (231) -----KTEEGVTRVEVDTAAEILHSDSTFSADYKTIYDGFSAVSVFVAVLAIAFSTVF-
BEWA_052710 EMA6 (220) -----KTEDGTVRVDTTAAKVLNGMNPDFSTDYKTVYDGFVSHVFFVAFVAFSTLFF
BEWA_016670 EMA7 (220) -----LINRTVTRVDTKAAEALHFINPNFSVGYKPIYDGFVAVSFTLIAIAFAVLY-
BEWA_045350 EMA8 (218) -----KVRTYVSPVTSAAAKVLHAMNSAFPADYESLYDGCPLTLVFSVAALALFVLFQ
BEWA_034050 EMA9 (89) -----RRSDDVVRVDIPIAAKVINKEPFFSVDYKTIYDGFSAVGVFVSVIATFALVLFH