

Cpa_cpFBPase1_Contig53396-snap LIVLSSISLACKQIA...
Cpa_cpFBPase1_Contig11350-abini PTQ-LRSLLMG...
Apr_cpFBPase1_XP_011398191.1 VAVISSLALACKQIA...
Apr_cpFBPase1_XP_011400401.1 LTVLLNNAITV...
Bpr_cpFBPase1_XP_007509205.1 HAVILQSI...
Bpr_cpFBPase1_XP_007512971.1 L---LVAIANACAE...
Bpr_cpFBPase1_XP_007509936.1 LVIVINSIA...
Bpr_cpFBPase1_XP_007510822.1 LIRLMKIAS...
Cre_cpFBPase1_XP_001690872.1 LATVISS...
Cso1228_cpFBPase1_CSI_12280000 LT-----L...
Cso1228_cpFBPase1_CSI_122800009 LTVLLNAI...
Cso1230_cpFBPase1_CSI2_12300000 LA-----L...
Cso1230_cpFBPase1_CSI2_12300000 LTVLLNAI...
Cso1412_cpFBPase1_CSI2_12300000 LA-----L...
Cso1412_cpFBPase1_CSI2_123000009 LTVLLNAI...
Cva_cpFBPase1_XP_005848342.1 LAAVSSIA...
Cva_cpFBPase1_XP_005848342.1 L-----AGM...
Czo_cpFBPase1_XP_005848342.1 L---VNAIQAG...
Czo_cpFBPase1_XP_005848342.1 LAIVLSS...
Dsa_cpFBPase1_Dusal_0106050008 LATVIAS...
Mco_cpFBPase1_XP_002505568.1 LAVLSS...
Mco_cpFBPase1_XP_002505565.1 LAIVNNA...
Mco_cpFBPase1_XP_002499881.1 L---LVALA...
Mco_cpFBPase1_XP_002506051.1 LCILLQ...
Mpu_cpFBPase1_XP_003056260.1 LAIVLSS...
Mpu_cpFBPase1_XP_003063679.1 LSIINSIA...
Mpu_cpFBPase1_XP_003063661.1 L---LAALA...
Mpu_cpFBPase1_XP_003057094.1 LSIILQ...
Mne_cpFBPase1_XP_013899573.1 LAVLSS...
Olu_cpFBPase1_XP_001416538.1 LAVLSS...
Olu_cpFBPase1_XP_001417955.1 L---L---IS...
Olu_cpFBPase1_XP_001422674.1 LAIALNS...
Olu_cpFBPase1_XP_001419675.1 L-----M...
Ota_cpFBPase1_XP_003077945.1 LAVLSS...
Ota_cpFBPase1_XP_022838959.1 L---LVALA...
Ota_cpFBPase1_XP_003082905.2 LAIALNS...
Ota_cpFBPase1_XP_003080995.2 AAIV-RAL...
Osp_cpFBPase1_54446 LAVLSS...
Osp_cpFBPase1_32079 L---LVALA...
Osp_cpFBPase1_43222 LAVALNS...
Osp_cpFBPase1_59046 EASVVR...
Psp_cpFBPase1_3559 LATVISS...
Psp_cpFBPase1_002948170.1 LDDIFN...
Vca_cpFBPase1_XP_002948170.1 LATVISS...
Ccr_cpFBPase1_XP_005713305.1 MTLMS...
Ccr_cpFBPase1_XP_005712315.1 LTLLLA...
Cme_cpFBPase1_XP_005537627.1 LAPLITA...
Cme_cpFBPase1_XP_005537806.1 LTLLSA...
Cme_cpFBPase1_XP_005535415.1 LVAVFMA...
Gsu_cpFBPase1_XP_005703487.1 LT-VISS...
Gsu_cpFBPase1_XP_005703442.1 LT-VING...
Gsu_cpFBPase1_XP_005707946.1 LTLTTS...
Gsu_cpFBPase1_XP_005709391.1 LIMLLA...
Pum_cpFBPase1_Osx71660.1 LQNLMA...
Pum_cpFBPase1_Osx75977.1 MTLMA...
Pum_cpFBPase1_Osx71615.1 LTLMLA...
Pum_cpFBPase1_Pum0548006.1.p LTLTSA...
Pum_cpFBPase1_Pum0229s0029.1.p LVLLT...
Ppu_cpFBPase1_Contig_3490.1 LR--LQ...
Ppu_cpFBPase1_Contig_3540.6 MENLMA...
Ppu_cpFBPase1_Contig_3402.5 LTLTSS...
Mpo_cpFBPase1_Mapoly0066s0105. L---LM...
Mpo_cpFBPase1_Mapoly0047s0030. LTVLNS...
Mpo_cpFBPase1_Mapoly0005s0291.2 LTI...
Mpo_cpFBPase1_Mapoly0005s0291.2 LTI...
Ppa_cpFBPase1_Pp3c18_4950V3.1 L---M...
Ppa_cpFBPase1_Pp3c22_22950V3.1 L---M...
Ppa_cpFBPase1_Pp3c24_11070V3.1 M---MA...
Ppa_cpFBPase1_Pp3c19_12890V3.1 LTVLSS...
Ppa_cpFBPase1_Pp3c7_15760V3.1 LTVLSS...
Ppa_cpFBPase1_Pp3c3_1090V3.1.p LTI...
Ppa_cpFBPase1_Pp3c13_1900V3.1.p LTI...
Smo_cpFBPase1_D8RVB3 Smo_cpFBPase1_D8RVB3 LTVLSS...
Smo_cpFBPase1_D8RD1 Smo_cpFBPase1_D8RD1 LTI...
Smo_cpFBPase1_D8SBY7 Smo_cpFBPase1_D8SBY7 LTI...
Smo_cpFBPase1_D8QTD0 L-----N...
Ath_cpFBPase1_NP_201243.1 L---LY...
Ath_cpFBPase1_NP_001190083.1 LTVMSS...
Ath_cpFBPase1_NP_17032.1 FTILLSH...
Fan_cpFBPase1_ABW38332.1 FTILLSH...
Fan_cpFBPase1_ABW38330.1 LTVLSS...
Fan_cpFBPase1_ABW38331.1 L---PH...
Dvu_FBpase1_A1VD23 FTLLND...
Ava_FBpase1_Q3MCI4 LSA...
ruler 1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150.....160.....170.....180.....190.....200

Cpa_cpFBPase1_Contig53396-snap KNPNGKLRLLLYECAPMGFILEQAGGAAATGKGRIMTVKPEKVHQRPLPFLGSKK-VE
Cpa_cyFBPase_Contig11350-abini K
Apr_cpFBPase1_XP_011398191.1 KNKTGKLRLLLYECAPMSYLAEQAGGLGTGTQRVLDLVEPEKIHQRVPLFCGSKS-VE
Apr_cyFBPase_XP_011400401.1 KNTKGKLRLLLYECYPMAYLIEQAGGRADERERLLREPEDIHDRAPVYLGSCEDVD
Bpr_cpFBPase1_XP_007509205.1 KNPNGKLRLLLYECAPMSFLAEQAGGAGDGTGRVLKINPEKVHQRVPLFCGSKS-VA
Bpr_cpFBPase2_XP_007512791.1 -----HLRVVVECNPLAFVAKCGGRADGERDILDILPADFHEKTPLFAGSSEEDIA
Bpr_cpFBPase1_XP_007509936.1 KATEGKARLLYEVAPIAMIAEQANGMAMADERVMEVKPMSIHOKSPMFVGSNS-VL
Bpr_cyFBPase_XP_007510822.1 ----GKLRMLYECFPMALMIEVAGGLSDTGSNLDLDAVESIHERGAIHLGSKENMD
Cre_cpFBPase1_XP_001690872.1 KNKNKLRLLLYECAPMSFIAEQAGGLGTQQRVLDVNPPEKVHQRVPLFCGSKK-VE
Cso1228_cpFBPase1_CSI_12280000 KNPNGKLRLLLYECAPMSMICEQAGGAGTGFQVRVDI-----VF-----TK-VE
Cso1228_cyFBPase_CSI_122800009 KSPDGKLRVLYECFPMAFLVEQEF-----GCK-----
Cso1230_cpFBPase1_CSI2_12300000 KNPNGKLRLLLYECAPMSMICEQAGGAGTGFQVRVDIVPTKVHERQPLFVGSKW-VE
Cso1230_cyFBPase_CSI2_12300000 KSPSGKLRVLYECFPMAFLVEQAGGKATGTSRTEIMPTSIHGR-----QAA
Cso1412_cpFBPase1_CSI00005697- KNPNGKLRLLLYECAPMSMICEQAGGAGTGFQVRVDIVPTKVHERQPLFVGSKW-VE
Cso1412_cyFBPase_CSI00003447-R KNPNGKLRVLYECFPMAFLVEQAGGKATGTARTMEMVPTSIHGRAPVYLGSKKEVE
Cva_cpFBPase1_XP_005848342.1 KNTNGKLRLLLYECAPMSMIAEQAGGKGTGFQVRVDIVPEAVHQRVPLFCGSKW-VE
Cva_cyFBPase_XP_005845821.1 KNPNGKLRVLYECFPMAFLVEQAGGKATGTQRSLTEMPDSIHDRAPVYLGSKKEVE
Czo_cpFBPase2_Cz01g04250.t1 ----HLRLVVEANPMAFLVEQAGGRGDGKRRILDIPPTKLHQRPLFLGSPDDIA
Czo_cpFBPase1_Cz04g03070.t1 KNKNKLRLLLYECAPMSMIAEQAGGKGTQQRVMDIVPTKVHQRVPLFVGSJK-VE
Dsa_cpFBPase1_Dusa1.0106s00008 KNPNGKLRLLLYECAPMSFLAEQAGGKGTGKRPCLEIMPEKVHQRVPLFCGSKH-VE
Mco_cpFBPase1_XP_002505568.1 KNANGLKLRLLLYECAPMSFIAEQAGGMGTGRGRVLDIRPEEVHQRVPLFCGSKS-VO
Mco_cpFBPase1_XP_002505565.1 SAPQKARLLYEVAPMGFLAEQAGGMACAERKRVMEVVEQIHRSPMFVGSJK-VR
Mco_cpFBPase2_XP_002499881.1 ----PHLRVVEANPLAFVARAAGAIADGTNDVMADGPSAAHERPLFVGSVDDVA
Mco_cyFBPase_XP_002506051.1 KSPNGKLRLLLYECFPMAFLVEQAGGKATGTQRVLDVCCGTGIHQHPHIMGSEEDVE
Mpu_cpFBPase1_XP_003056260.1 KNPNGKLRLLLYECAPMSFIAEQAGGKGTGTGRVMDVPESEVHQRVPLFCGSKS-VO
Mpu_cpFBPase1_XP_003063679.1 SAPEGKARLLYEVAPMGFLAEQAGGLAMADKRVMEVVEQIHRSPMFVGSJK-VR
Mpu_cpFBPase2_XP_003063661.1 ----PHLRVVEANPLAFIARACGGADGSGAFLNKTVSGVHDRAPVYLGSKREDVE
Mpu_cyFBPase_XP_003057094.1 KHPDGKLRLLLYECFPMAFLVEQAGGKADGCGRILDIKPTSIHQHQIHLGSEEDVD
Mne_cpFBPase1_XP_013899573.1 KNANGLKLRLLLYECAPMSMIAEQAGGLGTGTGRVMDIVPTKVHQRVPLFVGSJK-VR
Olu_cpFBPase1_XP_001416538.1 KNPNGKLRLLLYECAPMSFIAEQAGGMGTGKERVLDVPEKHFQRVPLFCGSKK-VO
Olu_cpFBPase2_XP_001417955.1 ----PHLRVVEANPLAFVARAAGAADGIRTILDKKPTTLHERSPFLFCGSCEDIA
Olu_cpFBPase1_XP_001422674.1 SAPNGKARLLYEVAPIAMIAEQAGGMGTGRGRVLDIRPEEVHQRVPLFCGSKS-VO
Olu_cyFBPase_XP_001419675.1 SNAQKLRVLYECFPMAFLVEQAGGLASGNDVLSFVPTAHSRMPFFHCGSARDIE
Ota_cpFBPase1_XP_003077945.1 KNPNGKLRLLLYECAPMSMIAEQAGGKGTGVARVLDIVPEKVHQRVPLFCGSKN-VA
Ota_cpFBPase2_XP_022838959.1 ----PHLRVVEANPLAFVARAAGAADGLVDVLTKKPAELHERSPFLFCGSTEEDIA
Ota_cpFBPase1_XP_003082905.2 KAKEGKARLLYEVAPIAMIAEQAGGMGTGRGRVLDIRPEEVHQRVPLFCGSKS-VA
Ota_cyFBPase_XP_003080995.2 KNPNGKLRVLYECFPMAFLVEQAGGKATGTGRVMDVPESEVHQRVPLFCGSKS-VO
Osp_cpFBPase1_54446 KNPNGKLRLLLYECAPMSMICEQAGGKGTGTGRVMDIVPTKVHQRVPLFCGSKN-VD
Osp_cpFBPase2_32079 ----PHLRVVEANPLAFVARACGAADGVDNVLAKTPASLHERAPFFVGSSEEDVA
Osp_cpFBPase1_43222 NAPEGKARLLYEVAPIAMIAEQAGGKATGTGRVMDIVPTKVHQRVPLFCGSKS-VR
Osp_cyFBPase_59046 QNGKLRVLYECFPMAFLVEQAGGKATGTGRVMDIVPTKVHQRVPLFCGSKN-VD
Psp_cpFBPase1_3559 KNPNGKLRLLLYECAPMSFLAEQAGGKGTGFQVRVDIVPEAVHQRVPLFCGSKS-VE
Psp_cyFBPase_XP_002948170.1 KNVKGKLRLLLYECYPMAYLIEQAGGLADGARRMLDQPPSGIHDRSPISLGSKEDVD
Vca_cpFBPase1_XP_002948170.1 KNKNKLRLLLYECAPMSFIAEQAGGLGTGTGRVLDVNPPEKVHQRVPLFCGSKK-VE
Ccr_cpFBPase1_XP_005713305.1 KNPNGKLRLLLYECAPMSFIVEQAGGIATGKDRIMDIIIPNAVHQRVPLFCGSKD-VO
Ccr_cyFBPase_XP_005712315.1 KSPNGKLRLLLYEAAPMAFLVEQAGGKATGKTEILDIVPEDIHQRVPLFCGSKS-VA
Cme_cpFBPase1_XP_005537627.1 KNPNGKLRLLLYECAPMAFLVEQAGGIATGKQRIILDIVPRDVHQRVPLFCGSKS-VR
Cme_cyFBPase_XP_005537806.1 KSKDGKLRLLYEAAPMAFLVEQAGGKATGREDLIDVRPRHQRVPLFCGSAEDIA
Cme_cyFBPase_XP_005535415.1 AQPQGHKLLLYEAGPLAFVEQAGGRADGR-ALFDRRPTTLHERVPAVMGSEEDVD
Gsu_cpFBPase1_XP_005703487.1 KNPNGKLRLLLYECAPMSYLIQAGGKANGAQRILDIIIPNTTHERQPLILGSEEDVD
Gsu_cpFBPase1_XP_005703442.1 KNVSGKLRLLLYECAPMAFLVEQAGGKATGIENILDLTPKDIHERKPLILGSPA-IE
Gsu_cyFBPase_XP_005707946.1 KNPNGKLRLLLYECAPMAFLVEQAGGKATGTENILDIQPHSIHQRPVFMGSEEDVC
Gsu_cyFBPase_XP_005709391.1 QWPNGKLRLLLYEASPLAFIIEQAGGKATAL-RILDITPGSVHQRVPLFCGSKS-VE
Pum_cpFBPase1_OSX71660.1 KNVNGKLRLLLYECAPMSFLIEQAGGIATGKERVLDIVPSSVHQRVPLVLSGSPA-VO
Pum_cpFBPase1_OSX75977.1 KNPNGKLRLLLYECAPMSFLVEQAGGMSTGKERVLDIVPNAVHQRVPLILGSPAD-VO
Pum_cyFBPase_OSX71615.1 KSPDGKLRLLLYEAAPMAFLIHHAGGKSTGKEDILDVPTGIHQRPVFMGSEEDVA
Pum_cyFBPase_Pum0654s0006.1.p GRPMGRLLLYEAGPLAFVAEQAGGEATGR-PILDIQPESVHRRVPIILGSEEDVS
Pum_cyFBPase_Pum0229s0029.1.p ARPQGRFKLLLYEAGPLAFVVEKAGGQATGT-AILDIQPESLHRRVVEVMGSEEDIN
Ppu_cpFBPase2_contig_3490.10 ----HLRLVVEANPLAFIAEQAHGRGDGKRRILEIQPAALHQRPLFLGSPDDIL
Ppu_cpFBPase1_contig_3540.6 KNKTGKLRLLLYEAAPMSHIIIEQAGGVSTGTERIMDLNPQAVHQRVPLVLSGSKN-VN
Ppu_cyFBPase_contig_3402.5 KTANGKLRLLLYEAAPMAMLLNAGGAASAKRILDIVPSSIHQRVPLVLSGSKN-VN
Mpo_cpFBPase2_Mapoly0066s0105. ----HLRLVVEANPLSYLVEQAGGKGDGKRRILDIEPTKLHERLPLFLGSPDDIL
Mpo_cpFBPase1_Mapoly0047s0030. KSKNGKLRLLLYECAPMSYLAEQAGGKGDGRRVLEIEPEQVHQRVPLVLSGSTE-VE
Mpo_cyFBPase_Mapoly0005s0291.1 KSPNGKLRVLYEVFPMSFLVEQAGGQATGKQRALELVPTKIHERSPIFLGSYDDVE
Mpo_cyFBPase_Mapoly0005s0291.2 KSPNGKLRVLYEVFPMSFLVEQAGGQATGKQRALELVPTKIHERSPIFLGSYDDVE
Ppa_cpFBPase2_Pp3c18_4950V3.1 ----HLRLVVEANPLSYLVEQAGGKGDGKRRILEINPVEIHLRPLFLGSAADIA
Ppa_cpFBPase2_Pp3c22_22950V3.1 ----HSRLVVEANPLSYLVEQAGGKGDGKRRILEINPVEIHLRPLFLGSAADVA
Ppa_cpFBPase2_Pp3c24_11070V3.1 ----OLHLIHEANAVSFLVENGGQADGRRRILEIQPTHLHQRVPLVLSGSAADVS
Ppa_cpFBPase1_Pp3c19_12890V3.1 KSKNGKLRLLLYECAPMSYLAEQAGGKGDGHRILDIQPEQVHQRVPLVLSGSTE-VE
Ppa_cpFBPase1_Pp3c7_15760V3.1 KSKNGKLRLLLYECAPMSYLAEQAGGKGDGHRILDIQPEQVHQRVPLVLSGSTE-VE
Ppa_cyFBPase_Pp3c3_1090V3.1.p KSPKGLRVLYEVFPMSFLVEQAGGQSTGKQRALELVPAHIHQRVPLVLSGSTE-VE
Ppa_cyFBPase_Pp3c13_1900V3.1.p KSPKGLRVLYEVFPMSFLVEQAGGQSTGKQRALELVPAHIHQRVPLVLSGSTE-VE
Smo_cpFBPase2_D8RVB3 ----HLRLVVEANPLGFLMEDAGGKADGKRRILDIEQVELHQRVPLVLSGSEEDVL
Smo_cpFBPase1_D8RW89 KSKNGKLRLLLYECAPMSFLVEQAGGKGDGSRILDIKPEQVHQRVPLVLSGSTE-VE
Smo_cyFBPase_D8RRD1 KSPNGKLRLLLYEVFPMAFLVEQAGGQATGKERALDVVPPKIHERSPIFLGSFEDVE
Smo_cyFBPase_D8SBY7 KSPFGKLRVLYEVFPMSYLVVEQAGGQATGKERALDVVPPKIHERSPIFLGSYDDVE
Smo_cyFBPase_D8QTD0 KSPFGKLRVLYEVFPMSYLVVEQAGGQATGKERALDVVPPKIHERSPIFLGSYDDVE
Ath_cpFBPase2_NP_201243.1 ----HLRLVVEANPLAFIIEQAGGKSDGKRGILSIQPVKHLQRVPLVLSGLEDVA
Ath_cpFBPase1_NP_001190083.1 KSKNGKLRLLLYECAPMSFIVEQAGGKGDGHSRVLDIQPTTEIHRVPLVLSGSTE-VE
Ath_cyFBPase_NP_175032.1 KSPNGKLRVLYEVFPMSFLVEQAGGQATGKRRALDVPEKIHERSPIFLGSYDDVE
Fan_cyFBPase_ABW38332.1 KSPNGKLRVLYEVFPMSFLVEQAGGQATGKERALDVVPPKIHERSPIFLGSYDDVE
Fan_cpFBPase1_ABW38330.1 KSKNGKLRLLLYECAPMSFIVEQAGGKGDGHSRVLDIQPTTEIHRVPLVLSGSTE-VE
Fan_cpFBPase2_ABW38331.1 ----HLRLVVEANPLSYLVEQAGGKGDGKRRILSIQPKLHQRVPLVLSGLEDMD
Dvu_FBPhaseI_A1VD23 RHPDGKLRLLLYEASPLAFIIEQAGGQATGKERALDVVPPKIHERSPIFLGSARDVD
Ava_FBPhaseI_Q3MCI4 ONPEGKLRLLLYEASPLAFIIEQAGGQATGKERALDVVPPKIHERSPIFLGSARDVD
ruler210.....220.....230.....240.....250.....