

CsBAG4.1 .....  
 CsBAG4.3 .....  
 CsBAG4.2 .....  
 CsBAG8 .....  
 CsBAG2 .....  
 CsBAG5 .....  
 CsBAG3 MAKEKNLSDDQAAVLIQSAYRGFEVRKLEPLKCLKQMVEVRDQAAEIRKRIQALESSDCLKNEKERV  
 CsBAG6 .....  
 CsBAG1 .....  
 CsBAG7 .....

CsBAG4.1 ..... 1 ..... 10 .....  
 CsBAG4.3 ..... MLSLAKSKSSVS  
 CsBAG4.2 ..... MLSLAKSKSSVS  
 CsBAG8 ..... MMRMKTSTKTGSPM  
 CsBAG2 ..... MIKRKSNARGKMHES  
 CsBAG5 ..... MKKNNSK  
 CsBAG3 LIGEMIMRTLLKLDTIQGLHPSLRDIRKALT KDVLTLQEELDSIAIVAEDDISNDAGMQEVQNKVGGI  
 CsBAG6 ..... MDNLLHGRSYRSIPSRGRPRSSYAPSVREIPVQYVGSEEEKQSREP  
 CsBAG1 ..... MQFTHRTVAMTSSR  
 CsBAG7 ..... MRRFRKVELLEPYPPVLVRETSIFPSFVEDEVHDLSSALDFFNPA

20 30 40 50 60 70  
 CsBAG4.1 SRVDMN NNNNPG ELEIRPG GMFVQM RNS ESSN RSS ..... VSVPT IKVRV KFGSTYH EVLIS PQAS  
 CsBAG4.3 SRVDMN NNNNPG ELEIRPG GMFVQM RNS ESSN RSS ..... VSVPT IKVRV KFGSTYH EVLIS PQAS  
 CsBAG4.2 SRVDMN NNNNPG ELEIRPG GMFVQM RNS ESSN RSS ..... VSVPT IKVRV KFGSTYH EVLIS PQAS  
 CsBAG8 ATMNGG SAEAAAH EWE LRP GMLVQKR NPDS DRTS ..... APPPT IRVRV KYGSIYH EIHINSQAT  
 CsBAG2 STTTSS TSTED EIDCE LRP GMLVQKR ..... SEKTD ..... VPAPY LRLRI AF GALRY EISVNSRAT  
 CsBAG5 NDSSNN NNNNEQV DWE MRP GMLVQRR DD DNYD HQD GAAASVSGGPV IRINV ARGPSQY EVHVPARST  
 CsBAG3 LENS LKTNH DN VVDMKEPDEGNLSSMRDLVVNSQGLETSETAL LSDTEVQ GKCEVREL PQRNSMESQVG  
 CsBAG6 SAVKIQKV FRAFLVRKSVKKIKE IRGEVE EIEKRISTGDNIDL IARDSQERLKL NEMLMSSLLFRLDSV  
 CsBAG1 SKFGMF SASSTTTVTYTYHN DHSAPQPTTEIPTPI T..... DHHPQQ LQIQSQAATKIQSA YKSHRIR  
 CsBAG7 LDFFNP SP TPF EIFDS VTD LVRIDQT P S FY SYKRIQRR TAPEL LSVQTL CD RVSLLESRF DRLLSAGVD

80 90 100 110  
 CsBAG4.1 F GELKKML SER TG ..... LHPE EQKLIYK ..... K KERD SKGY LDVAR VRDGS  
 CsBAG4.3 F GELKKML SER TG ..... LHPE EQKLIYK ..... K KERD SKGY LDVAR VRDGS  
 CsBAG4.2 F GELKKML SER TG ..... LHPE EQKLIYK ..... K KERD SKGY LDVAR VRDGS  
 CsBAG8 F GELKKLL TGP TG ..... LHHE DQKLIYK ..... D KERD SKAF LDVVG VKDKS  
 CsBAG2 F GEVKKVLT GET TG ..... LQAG DQVLIYR ..... G KERENGEY LDMCR VKDKS  
 CsBAG5 F GDLKKA ISEK TG ..... LDPQE QKVLF R ..... G KEKE DNEH LDVSGMVKDKS  
 CsBAG3 ESASDM VQVEA TNGGVDVSQAVLTENQGKDI MHPQLQQTSS EELTGAQLQDSFDEPKAMNEARIDGVN  
 CsBAG6 RGVDSGV RDCRKA VIK ..... KAIAL QEF L DAAFSNN SRNDQNGEDENVVEA VDEQN  
 CsBAG1 TLYRK ISSVNSEAN ..... HLQ RVIQR ..... QET VDCIRSDERE  
 CsBAG7 G GDRKYTW TAEIEGGAVDRKYKWTAEIKKGKKKKE E EKKVD KSYKWTAKI KGKD DESRTYTFVASTVD

120 130 140 150  
 CsBAG4.1 KIVLVED I INRER RCL EM LK ..... IAKFQ K ..... DSN SIAQ ICLQ VDKF  
 CsBAG4.3 KIVLVED I INRER RCL EM LK ..... IAKFQ K ..... DSN SIAQ ICLQ VDKF  
 CsBAG4.2 KIVLVED I INRER RCL EM LK ..... IAKFQ K ..... DSN SIAQ ICLQ VDKF  
 CsBAG8 KLV LVED PISQEK RLL EM RK ..... NAKLE K ..... ASK SISEI SLE VDRKL  
 CsBAG2 KVI LTED PASIER RFI EM RR ..... NAKIQS ..... AHRA ISNV SME VDKL  
 CsBAG5 KVL LLEEL TNKEK KPK EVKDSPEKKHEYAKDSEEMRK ..... ALQAI AGVRAE VDKL  
 CsBAG3 GG I HVED NLEAQATELP LILDDEEQPLQELKNSESS RKGKSENV DHEVKLHVL AGS TLPADVDN VDEI  
 CsBAG6 QSAQVECTE ENGER TD AFDEKETVENQNEVGDEETVENQD ..... DDGEAREVVEECDDV  
 CsBAG1 KLRMNEAL MGLLL RLD SVPG ..... IDP SIREARRM VSR  
 CsBAG7 AGE GSKSEK KEKE KKK EK KKKCESATRVVEIEEPAAD H GAVVLR ..... QAF AKRFG SVRNNK GKQKEL

	160	170	
CsBAG4.1	AQQVTDLEAIASRGVELTD		
CsBAG4.3	AQQVTDLEAIASRGVELTD		
CsBAG4.2	AQQVTDLEAIASRGVELTD		
CsBAG8	AGQVSALESIITKGGKVAE		
CsBAG2	VEQVSAIEKSIISNGVKVPE		
CsBAG5	SERVASLEVAVNGGTVPS		
CsBAG3	GKTARNVDSEINLAELLP	IGALEEDLSFENKGSETNSETNLVAELPVGVL	EGDLAIENKESEIENLVA
CsBAG6	MPSVSNGPAPPEENVGTSQ	SESES	
CsBAG1	IVSLQEILDGICG		
CsBAG7	SPQDAAMMIQITFRAYL	IRR	

	180	190	200	210
CsBAG4.1	DNLDNLI	GNLMT	ELVKLDEIVVEGDLNLQ	KRKQVYFWL
CsBAG4.3	DNLDNLI	GNLMT	ELVKLDEIVVEGDLNLQ	KRKQVYFWL
CsBAG4.2	DNLDNLI	GNLMT	ELVKLDEIVVEGDLNLQ	KRKQEKRVQ
CsBAG8	KDVLNLI	ELLMNQ	LLKLDGIMADGDVKLQ	RKMQVRRVQ
CsBAG2	VQITTLI	ELMRQ	AIKLD	SISAEGDASAKKLQGKRVQ
CsBAG5	EELDTSAEL	LMKE	LLKLDGIEAEGEAKVQ	RKTEVRRVQ
CsBAG3	ELPVGVL	EEGEAKESEIGKDKGSSIGEARYNGVT	NITATKSKVVMVDELSGNAVLEMEENLPLSSIE	
CsBAG6	EADSSAN	PEEDENS	SPKQENN	AAGAGEVEENVKESGGE
CsBAG1	SNFDDDFGEWGRYGYWKD	LDKVVEQ	MEEEV	CRERGGDE
CsBAG7	SQALRAL	RD	LA	AKTKLKEIRALENNFSYRQIVSRDAE

CsBAG4.1	SV	
CsBAG4.3	SV	
CsBAG4.2	SYIETLD...LLKLCNTKLSSKSGEVPLQKQEH	SYG...KV
CsBAG8	KYVETLD...MLKIKNSMPSSNKHHSNGQRLAPIQE	QPPRHSNGHVLASIQEQQARHSFENLS
CsBAG2	KCVETLD...LLKIAN	
CsBAG5	KFHETLD...NLKAINSNP	
CsBAG3	GKVRSDDEVCKNEGKDGGRIDDDQLPSPESAGISVSPQ	ALEVTNEDVQLQGVDGNKEGRVLEKEQQYG
CsBAG6	GEVEENVQQSGGEGARDENSKNKE	
CsBAG1	MER	
CsBAG7	ERQRFSEKIIIVLLLTVD	AIEG

CsBAG4.1		
CsBAG4.3		
CsBAG4.2	TVPLQKQAKQRNLTELKHPFRDSDSFVVTTKWETFD	
CsBAG8	IQQQYHQQQQQQQQQSTTHSTSGPVVVTTKWETFDSSPGLMQVSSSSTSTFN	PATNNNNNSSGPPKF
CsBAG2		VKVQPVVVTTKWETFDPPPSTVHWEIFD
CsBAG5		FCDSSNAIKVVTQWETFD
CsBAG3	EPESMIDIDSRMDEASGSEITTEDTIAATTTSQMSADERDIVMEENAKLRE	MEKLMEAGKEQLTVIS
CsBAG6		LLERMMDHGRMMEMMAQLFERNEMQTRL
CsBAG1		FCAQHLGFRCLQRFLRD
CsBAG7		ADLMVRAAKRSMVDELEAMLDVVD

CsBAG4.1	
CsBAG4.3	
CsBAG4.2	
CsBAG8	PWEFFD
CsBAG2	
CsBAG5	DWERFD
CsBAG3	QLTGRVKDLERKLSRKRKLGRPRRYKRATQ
CsBAG6	DGCETSRDNKKCGKR
CsBAG1	
CsBAG7	DDEKSGNSFEACI