

CvFatB3	1	MVAAAASS-AFFSEFPTPGTSPKPKGKFGNWPSS-----LSIPFNPKSNHNGGIQVKANA
CvFatB1	1	MVAAAATS-AFFPVPAPGTSPKPKGKSGNWPSS-----LSPTFKPKSIPNNGGFQVKANA
CvFatB2 *	1	---TAASS-AFFPVPADTSSSRPGKLGNGPSS-----FSP-LKPKSIPNNGGIQVKASA
CnFatB2	1	MVASIAAS-AFFPTPSSSSSAASAKASKTIGEGPGSLDVRGIVAKPTS-SSAAMQEKVKV
CnFatB1	1	MVASVAAS-AFFPTP-SFSSSTASAKASKTIGEGSESLDVRGIVAKPTS-SSAAMQGGKVKV
CnFatB3	1	MVASVAASSSFPPVP-SSSSSASAKASRGIPDG---LDVRGIVAKPAS-SSGWMQAKASA

CvFatB3	53	SAHPKANGSAVSLKAGSLETQEDTSSPSPPPRTFISQLPDWSMLVSAITTVFVAAEKQWT
CvFatB1	53	SAHPKANGSAVNLKSGSLNTQEDTSS-SPPPRAFNLQLPDWSMLLTAITTVFVAAEKQWT
CvFatB2	49	SAPPKINGSSVGLKSGGLKTHDDAPS-APPRTFINQLPDWSMLLAAITTAFLAAEKQWM
CnFatB2	59	QVPKINGAKVGLKVETQKADEESSP-SSAPRTFYNQLPDWSVLLAAVTTIFLAAEKQWT
CnFatB1	58	QAVPKINGTKVGLKTESQKAEEAAP-SSAPRTFYNQLPDWSVLLAAVTTIFLAAEKQWT
CnFatB3	56	RAIPKIDDTKVGLRTD---VEEDAA-STARRTSYNQLPDWSMLLAAIRTIFFSAAEKQWT

CvFatB3	113	MLDRKSKRPDVLVEPF-----VQDGVSFROSFIRSIEIGVDRITASIEETLMNIEQETSLN
CvFatB1	112	MLDRKSKRPDMLVDSVGLKSIVRDGLVSRHSFSIRSIEIGADRTASIEETLMNHLQETIN
CvFatB2	108	MLDRKPKRLDMLEDPFGLGRVVQDGLVFRQNFIRSIEIGADRTASIEETVMNHLQETALN
CnFatB2	118	LLDWKPRRPDMLADAFGLGKIVQDGLVFKQNFIRSIEIGADRTASIEETLMNHLQETALN
CnFatB1	117	LLDWKPRRPDMLTDAFSLGKIVQDGLIFRQNFIRSIEIGADRTASIEETLMNHLQETALN
CnFatB3	111	LLDSKKRGADAVADASGVGKMKVKNGLVVRQNFIRSIEIGVDKRAASVEALMNHFFQETSLN

CvFatB3	168	HCKSLGLLNDGFGRTPEMCKRDLIWVVTKMQIEVNRYPTWGDITIEVTTWVSESGKNGMSR
CvFatB1	172	HCKSLGLHNDGFGRTPGMCKNDLIWVLTQMIMVNRYPTWGDITVEINTWFSQSGKIGMAS
CvFatB2	168	HVKTAGLSNDGFGRTPEMYKRDLIWVVAKMQVMVNRYPTWGDITVEVNTWVAKSGKNGMRR
CnFatB2	178	HVKSAGLMGDGFGATPEMSKRNLIIWVVTKMRVLIERYPSWGDVVEVDTWVGPTGKNGMRR
CnFatB1	177	HVRNAGLLGDGFGATPEMSKRNLIIWVVTKMQVLVEHYPSWGDVVEVDTWVGASGKNGMRR
CnFatB3	171	HCKCIGLMHGFGGCTPEMTRRNLIIWVVAKMLVHVERYPPWWGDVVQINTWISSSGKNGMGR

CvFatB3	228	DWLIISDCHSGEILIRATSVWAMMNQKTRRLSKIPDEVROEIVPYFVDSAPVIED-DRKLH
CvFatB1	232	DWLIISDCNTGEILIRATSVWAMMNQKTRRFSLPYEVRQELTPHFVDSPHVIEDNDQKLR
CvFatB2	228	DWLIISDCNTGEILTRASSVWVMMNQKTRKLSKIPDEVREIEPHFVDSAPVIEDDDRKLKLP
CnFatB2	238	DWHVRDHRSGQTILIRATSVWVMMNKNTKRLSKVPEEVRAEIGPYFVERAAIVDEDSRKLKLP
CnFatB1	237	DWHVRDYRTGQTILIRATSVWVMMNKHTRKLSKMPPEEVRAEIGPYFVEHAAIVDEDSRKLKLP
CnFatB3	231	DWHVHDCQTGLPIMRGTSVWVMMDKHTRRLSKLPEEVRAEITPFFFSERDAVLDDNGRKLKLP

CvFatB3	287	KLDVKTGDSIRNGLTPRWNDFDVNQHVNNVKYIAWLLKSVPTVEVFETQELCGLTLEYRRE
CvFatB1	292	KFDVKTGDSIRKGLTPRWNDLDVNQHVSNVKYIGWILESMPPIEVLETQELCSLTVEYRRE
CvFatB2	288	KLDEKSADSIRKGLTPRWNDLDVNQHVNNAKYIGWILESTPPEVLETQELCSLTLEYRRE
CnFatB2	298	KLDEDTTDYIKKGLTPRWGDLVNQHVNNVKYIGWILESAPISILENHELASMSLEYRRE
CnFatB1	297	KLDDDTADYIKWGLTPRWSDLDVNQHVNNVKYIGWILESAPISILENHELASMTLEYRRE
CnFatB3	291	KFDDDSAAHVRRGLTPRWHDLDVNQHVNNVKYVWILESVPVWMLDGYEVAATMSLEYRRE

CvFatB3	347	CRRDSVLESVTAMDPSKEG----DRSLYQHLLRLLENGADIALGRTEWRPKNAGATGAVST
CvFatB1	352	CGMDSVLESVTAVDPSENG----GRSQYKHLLRLEDGTDIVKSRTTEWRPKNAGTNGAIST
CvFatB2	348	CGRESVLESALTAVDPSEGE----YGSQFQHLLRLEDGGEIVKGRTEWRPKNAGINGVVP
CnFatB2	358	CGRDSVLQSLTAVSNDLTDGLVESGIECQHLLQLECGTELVKGRTEWRPKH--SPALGNM
CnFatB1	357	CGRDSVLQSLTAISNDCTGGLPEASIECQHLLQLECGAEIVRGRTQWRPRR--AS-----
CnFatB3	351	CRMDSVVQSLTAVSSDHADG---SPIVCQHLLRLEDGTEIVRGQTEWRPKQQ-ARDLGNM

CvFatB3	403	G--KTSNGNSVS
CvFatB1	408	STAKTSNGNSVS
CvFatB2	404	E--ESSPGDYS-
CnFatB2	416	G--PTPGGSA--
CnFatB1	410	G--PTSAGSA--
CnFatB3	407	G--LHPTESK--