SP   LFLAK

PsCRN108	MVKLYCAVVGVAGSAFSVRVDESDTVDDLKDAIKAKKPNDFKDIDADKLELYVAKRDGVW	60
PsCRN112a	MVKLYCAVVGVAGSAFSVRVDESDTVDDLKDAIKAKKPNDFKDIDADKLELYVAKRDGVW	60
PsCRN112b	MVKLYCAVVGVAGSAFSVRVDESDTVDDLKDAIKAKKPNDFKDIDADKLELYVAKRDGVW	60
PsCRN112c	MVKLYCAVVGVAGSAFSVRVDESDTVDDLKksIKAKKPNDlKDIDADKLELYVAKRDGeW	60

DWL

PsCRN108	LTEADVKSGVADITGLVRLEVVRAKLFSVGLSDEVVSEVDAQEEAAGRGPVNVLVVVPMK	120
PsCRN112a	LTEADVKSGVADITGLVRLEVVRAKLFSVGLSDEVVSEVDAQEEAAGRGPVNVLVVVPMK	120
PsCRN112b	LTEADVKSGVADITGLVRLEVVRAKLFSVGLSDEVVSEVDAQEEAAGRGPVNVLVVVPMK	120
PsCRN112c	LTEADVKSGVtDITGLVRLEVVRAKLFSVGLSDEVVSEVDAQEEAAGRGPVNVLVVVPMK	120

NLS

PsCRN108	KRRVDAGVDEERRFFDTRDFPPLLAPPQRGATVESPEAQWEKLLNSLEWKEPKRLCASSG	180
PsCRN112a	KRRVDAGVDEERRFFDTRDFPPLLAPPQRGATVESPEAQWEKLLNSLEWKEPKRLCASSG	180
PsCRN112b	KRRVDAGVDEERRFFDTRDFPPLLAPPQRGATVESPEAQWEKLLNSLEWKEPKRLCASSG	180
PsCRN112c	KRRVDAGVDEERRFFDTRDFPPLLAPPQRGATVESPEAQWEKLLdSLEWKkPrRLCASSG	180

PsCRN108	QNWPYQGESELAGHLVEPLALHYTAWYLQNEDKQNHAINLVLSGPGTGKSRMLDQMKGLM	240
PsCRN112a	QNWPYQGESELAGHLVEPLALHYTAWYLQNEDKQNHAINLVLSGPGTGKSRMLDQMKGLM	240
PsCRN112b	QNWPYQGESELAGHLVEPLALHYTAWYLQNEDKQNHAINLVLSGPGTGKSRMLDQMKGLM	240
PsCRN112c	QdWPYQGESELAGHLVEPLALHYTAWYLQNEDKQNHAINLVLSGPGTGKSRMLDQMKGLM	240

PsCRN108	CAAAARSNNRKLKERMENAFVFSVTFENGTSATGSLLDRDNPEFDISYRMLYQLSKDrpn	300
PsCRN112a	CAAAARSNNRKLKERMENAFVFSVTFENGTSATGSLLDRDNPEFDISYRMLYQLSKDKKA	300
PsCRN112b	CAAAARSNNRKLKERMENAFVFSVTFENGTSATGSLLDRDNPEFDISYRMLYQLSKDKKA	300
PsCRN112c	CAAAAlSNNRKLKERMENAFVFSVTFENGTSATGSLLDRDNPEFDISYRMLYQLSKDKKA	300

CTCTCGAAAGACAAAAAAGCG

GCCAAGACGTTGAAGTCATAT   TTCACATCGTCAATCCCTTT

PsCRN108	WkkFaktLk-syrSLeLdIeaaIgILAKLKGIDDVKKMTVILCVDGLQKLVNDGTKSCDF	359
PsCRN112a	WPVFVDKLRMMCSSLPLRIQIVIDILAKLKGIDDVKKMTVILCVDGLQKLVNDGTKSCDF	360
PsCRN112b	WPVFVDKLRMMCSSLPLRIQIVIDILAKLKGIDDVKKMTVILCVDGLQKLVNDGTKSCDF	360
PsCRN112c	WPVFVDKLRMMCSSLPLRIQIVIDILAKLKGIDDVKKMTVILCVDGLQKLVNDGTKSCDF	360

TCACGATCTGAATACGCAAA

PsCRN108	YRVLASVCSFLNSSRAFAVCVCSATiQSPVDKALSDSPQKRVFLVPPPLRGHEVLPTKTR	419
PsCRN112a	YRVLASVCSFLNSSRAFAVCVCSATVQSPVDKALSDSPQKRVFLVPPPLRGHEVLPTKTR	420
PsCRN112b	YRVLASVCSFLNSSRAFAVCVCSATVQSPVDKALSDSPQKRVFLVPPPLRGHEVLPTKTR	420
PsCRN112c	YRVLASVCSFLNSSRAFAVCVCSATVQSPVDlALSDSPQKRVFLVPPPLRGHEVLPTKTR	420

PsCRN108	IEKQLVDDMGGHGRALETLQLFLSHYTKDQLEEMDPTWMFEKlCDALRLQYGDIFASPFF	479
PsCRN112a	IEKQLVDDMGGHGRALETLQLFLSHYTKDQLEEMDPTWMFEKVCDALRLQYGDIFASPFF	480
PsCRN112b	IEKQLVDDMGGHGRALETLQLFLSHYTKDQLEEMDPTWMFEKVCDALRLQYGDIFASPFF	480
PsCRN112c	IEKQLVDDMGGHGRALETLQLFLSHYTKDQLEEMDPTWMFEKVCDALRLQYGDIFASPFF	480

PsCRN108	QDPYNCREVLAAILSRRRYKLFDRIGRTDMTVDCLRSFGLFRWGAEGHLECAFILLVLLM	539
PsCRN112a	QDPYNCREVLAAILSRRRYKLFDRIGRTDMTVDCLRSFGLFRWGAEGHLECAFILLVLLM	540
PsCRN112b	QDPYNCREVLAAILSRRRYKLFDRIGRTDMTVDCLRSFGLFRWGAEGHLECAFILLVLLM	540
PsCRN112c	QDPYNCREVLAAILSRRRYKLFDRIGRTDMTVDCLRSFGLFRWGAEGHLECAFILLVLLM	540

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PsCRN108    QKLPKKLGEVDNFDDHLTRTVLVWQRFEQFVAFYRRVKSIAYCETPVALSSFHAGARFGA  599
PsCRN112a   QKLPKKLGEVDNFDDHLTRTVLVWQRFEQFVAFYRRVKSIAYCETPVALSSFHAGARFGA  600
PsCRN112b   QKLPKKLGEVDNFDDHLTRTVLVWQRFEQFVAFYRRVKSIAYCETPVALSSFHAGARFGA  600
PsCRN112c   QKLPKKLGEVDNFDDHLTRTVLVWQRFEQFVAFYRRVKSIAYCETPVALSgFHAGARFGA  600

PsCRN108    IQDIIITEPTSRTVVEALRQEDTKSSSDDSTCFTNRDGGVKISDMDTIVINGASASAGDL  659
PsCRN112a   IQDIIITEPTSRTVVEALRQEDTKSSSDDSTCFTNRDGGVKISDMDTIVINGASASAGDL  660
PsCRN112b   IQDIIITEPTSRTVVEALRQEDTKSSSDDSTCFTNRDGGVKISDMDTIVINGASASAGDL  660
PsCRN112c   IQDIIITEPTSRTVVEALRQEDTKSSSDDSTCFTNRDGGVKISDMDTIVINGASASAGDL  660

PsCRN108    FMRVQLKVGRQNVQCNEVIQCKLLQTKQKIHEDAYAKERAKAANESSDVFLLVTPAQATE  719
PsCRN112a   FMRVQLKVGRQNVQCNEVIQCKLLQTKQKIHEDAYAKERAKAANESSDVFLLVTPAQATE  720
PsCRN112b   FMRVQLKVGRQNVQCNEVIQCKLLQTKQKIHEDAYAKERAKAANESSDVFLLVTPAQATE  720
PsCRN112c   FMRVQLKVGRQNVQCNEVIQCKLLQTKQKIdEDAYAKERAKAANESSDVFLLVTPAQATE  720

                                                      HhH
PsCRN108    FDLPPRCGLVSANEFGRYFGPFTSRAYRSFLEPPNINTASFHELRRLEGVGDATAAKIIA  779
PsCRN112a   FDLPPRCGLVSANEFGRYFGPFTSRAYRSFLEPPNINTASFHELRRLEGVGDATAAKIIA  780
PsCRN112b   FDLPPRCGLVSANEFGRYFGPFTSRAYRSFLEPPNINTASFHELRRLEGVGDATAAKIIA  780
PsCRN112c   FDLPPRCGLVSANdFGRYFGPFTSRAYRSFLEPPNINTASFHELRRLEGVGDATAAKIIA  780

PsCRN108    ERTIRRFSNLEDALNRLVPSKKGKTAMILSRMHYDDDEADL*  821
PsCRN112a   ERTIRRFSNLEDALNRLVPSKKGKTAMILSRMHYDDDEADL*  822
PsCRN112b   ERTIRRFSNLEDALNRLVPSKKGKTAMILSRMHYDDDEADL*  822
PsCRN112c   ERTIRRFSNLEDALNRLVPSKKGKTAMILSRMHYDDDEADL*  822
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