

gi	25777684	ref	NP_733832.1	-----MSGEPELIELERELPAGRAGKGR-----FRLEERANALRIARGTACNPTIR--DLVPG-----RGHRFOPAGPATHTWCDLGGDFIWGVVRRKGLQCARLSADCKFTCHYRCR	150
gi	114587016	ref	XP_001168270.1	-----MSGEPELIELERELPAGRAGQGR-----FRLEERANALRIARGTACNPTIR--DLVPG-----RGHRFOPAGPATHTWCDLGGDFIWGVVRRKGLQCARLSADCKFTCHYRCR	150
gi	73985427	ref	XP_850255.1	-----MSTPELIELERELPARRGGPGR-----FRLEERANALRIAPGTARNPAR--DLVAG-----RGHRFOPAGPATHTWCDLGGDFIWGVVRRKGLQCA--HCKFTCHYRCR	150
gi	83025054	ref	NP_001032644.1	-----MSAEPLELIELERELPASGRIGPGR-----FRLEERANALRIAPGTARNPSQ--QHVPG-----RGHRFOPAGPTTHTWCDLGGDFIWGVVRRKGLQCA--HCKFTCHYRCR	150
gi	50763950	ref	XP_422923.1	-----MAKCELELELDLTPNDRIELAPPVPPPPVVPFLDRWSRGKVVRMVGERVLEDDPWLTCCKPG-----RGHDFOPCSQQLSWCDLGGDFIWGLVRC--SLRCL--HCNYTCHYRC	150
gi	52218954	ref	NP_001004550.1	MSGLGIKSDDEKMEISSTSSPQSEQSIGEYDESLVFRFPVQLDFHFGAGQEDDGEQVDLWDFGALFLADLDSNHVWNDLIERQHFPGLKDLITGGGANKLNNSFKTSLLLHPTWCDKCGDFIWGILKEALKCE--HCNYTCHARC	150
gi	71996193	ref	NP_001022362.1	1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150	



gi	25777684	ref	NP_733832.1	ALVCLDCGPRDLGWEP-----AVERDINVDEP--VEWEI-----PDLQAIEEKIKIKEYNAQINSNLFMSLNKDG	300
gi	114587016	ref	XP_001168270.1	ALVCLDCGPRDLGWEP-----AVERDINVDEP--VEWEI-----PDLQAIEEKIKIKEYNAQINSNLFMSLNKDG	300
gi	73985427	ref	XP_850255.1	ALVCLDCGPRDLGWEP-----ALERDINVDEP--AEWEI-----PDLQAIEVEKIKIKEYNSQINSNLFMSLNKDG	300
gi	83025054	ref	NP_001032644.1	ALVCLDCGPRDLGWDP-----ALERDINVDEA--VERET-----PDLQAIEEKIKIDYNGQINSNLFMSLNKDG	300
gi	50763950	ref	XP_422923.1	PFQLDCSSNTDITICEQSNYS-----EDTLETDTNVDEQSEVDWRK-----AELDPACVEQRKKEYNSQINSNLFMSLNKDG	300
gi	52218954	ref	NP_001004550.1	DLVLLDCRSPGSSSLASSTEFDSIYPLDGLTGLIPKGLILPPAMSSSTGSDKENGNGNSAGISAENPIFSVKNSFTLPKSFSPVDSLRKKEPSAPPEERYALRLRVERVYKEDTPFEWIDYKEMDLERKIHNSYNSLAKGMEITLHEDGV	300
gi	71996193	ref	NP_001022362.1160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300	



gi	25777684	ref	NP_733832.1	..:*.**:*** ***:*. :.***:**:..*::** ** **:*:*** ***:** ***:** :. :. SYTGFIKVOLKLVRFVSVPS---SKKPPSLQDARRGPGRGTSVRRRTSFYLPKDAVKHLHLVLSRTRAREVIEALLRKFLVVDDPRKFALFERAERHGQV---VLRKLLDDEQPLRLRLLAGPSEKALSFVLKENDSGEVNWDAFSMP	450
gi	114587016	ref	XP_001168270.1	SYTGFIKVOLKLVRFVSVPS---SKKPPSLQDARRGPGRGTSVRRRTSFYLPKDAVKHLHLVLSRTRAREVIEALLRKFLVVDDPRKFALFERAERHGQV---VLRKLLDDEQPLRLRLLAGPSEKALSFVLKENDSGEVNWDAFSMP	450
gi	73985427	ref	XP_850255.1	SYTGFIKVOLKLVRFVSVPS---SKKPPSLQDARRGPGRGTAVKRRTSFYLPKDAVKHLHLVLSRTRAREVIEALLRKFLVVDDPRKFALFERAERHGQV---VLRKLLDDEQPLRLRLLAGPSEKALSFVLKENDSGEVNWDAFSMP	450
gi	83025054	ref	NP_001032644.1	SYTGFIKVOLKLVRFVSVPS---SKKPPSLQDARRGTRRSIAVKRRTSFYLPKDAVKHLHLVLSRTRAREVIEALLRKFLVVDDPRKFALFERTERHGQI---VFRKLSDEEQPLKRLRLLAGPSEKALSFVLKENDSGEVNWDAFSMP	450
gi	50763950	ref	XP_422923.1	SYTGFIKVHLKLVRFVSVPA---AKRGP---GGRPGQ-RTAGVKRRTSFYLPKRTVVKHLHLVLSRTRAREVIGALLRKFTVVDDPRKFALFERSEK-----DEQ	450
gi	52218954	ref	NP_001004550.1	SYTGFIKVFVKLVRFVSLPP---PRSVS---SSISSCLGWDGCGQERTSFYLPKRTVVKHLHISSTTRAREVIGALLNKFTVVDDNPAKYSLYERSORDNV---VLRKLLDDEQPLFLRLCAGPNEKVLVSVLKENETGEVNWDAFSP	450
gi	71996193	ref	NP_001022362.1	NFGGHIHVNMLSRPISVVGQVPIPTVYDVVNTAKSTAKTSLRITISFPLPRTAKVINIDSKITARKMIVTLLKFRVADNPRKFALYECETIDEATCTLNRKLRISDDACPLKVVLLNQSPHCGRALVLQENDTGDILWDAFETP	450
			310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450	



gi	25777684	ref	NP_733832.1	ELHNFLRILQREEEHLRQILQKYSYCRQKIQEALHACPLG-----	558
gi	114587016	ref	XP_001168270.1	ELHNFLRILQREEEHLRQILQKYSYCRQKIQEALHACPLG-----	558
gi	73985427	ref	XP_850255.1	ELHNFLRILQREEEHLRQILQKYSYCRQKIQEALHACPLG-----	558
gi	83025054	ref	NP_001032644.1	ELHNFLRILQREEEHLRQILQKYSYCRQKIQEALHACPLG-----	558
gi	50763950	ref	XP_422923.1	ELQNFRLILQREEDHVRQILIRRYTLARDKMKAMKNFSKPG-----	558
gi	52218954	ref	NP_001004550.1	ELQNFRLILQREEDHVRQILIRRYTLARDKMKAMKNFSKPG-----	558
gi	71996193	ref	NP_001022362.1	ELQNFRLILGMEERQYVFTQOKYQQYRYHLDAELRQRGHSVDPAAAGPMVQINPFLDEEFLRNQDEYGTSDSMLFEGTIKNAIMGEDPDYVNVLEYLKKNQMDQSTNL	558
			460.....470.....480.....490.....500.....510.....520.....530.....540.....550	

