

			Motif I	Motif II		Motif III
<u>Hem1</u>	Hs	213	EEAVQASKVHLLS	IPFDPSLKEVTVSLSGP	-----IEIRNPLGKLIKKGFGHELLNIH-----NSAKVVNVKEPEAGMWTVKTSSSGRHSVRITGLSTIDFRAGFSRK	326
			AV+ KVHL+ + IP D L E+T+SLSG	I +R+P G+ + K E I + K++ +K+P G+WTV T+S +H++R+ G +DF+ GF+ +		
	Mm	213	EEAVQASKVHLLS	IPFDPSLKEVTVSLSGP	-----IEIRNPFPGKLIKKGFGNELLNIH-----NSAKVVNVKEPEAGMWTVKTSSSGRHSVRITGLSTIDFRAGFSRK	326
			AV+ KVHL+ + IP D L E+T+SLSG	I +R+P G+ + K E I + K++ +K+P G+WTV T+S +H++R+ G +DF+ GF+ +		
	Xt	213	EEAVQASKVHLIS	IPFDPSLKEVTVSLSGP	-----IELYDPSG-----KRM-TPETGLNELLNIFNSAKVINMKEPVPGMWKIKTSN	326
			AV+ KVHL+ G + + IP D L E+T+SLSG	I L DP G KR+ + E G +L N+ K+I +K+P PG+W + T+S +H++R+ G +DF+ GF+++		
			AVQASKVHLLS	IPFDPSLKEVTVSLSGP		GRHSVR (I/M) TG
<u>Hem</u>	Ce	208	RHAVKQKKVHLMY	IPFDPSLKEVTISLSGP	-----KLIRLKDPSPGVWTVNTNSRLKHTIRVFGHGAVDFFKYGFASR	327
			AIQASKVHLLS	IPFDPSLKEVTISLSGP		GRH (S/T) VRI (T/S) G
<u>Hem2</u>	Xt	123	A++ KVHL+ E S NIP D L E+TISLSG K +++++ DP GR			
			EEAIQASKVHLLS	IPFDPSLKEVTISLSGP	-----HIEVI--DPAGR-	
	Mm	211	A++ KVHL+ E G + IP D L E+TI+LSG + I +RDP GR			
			ESAIQASKVHLLS	IPFDPSLKEVTIALSGP	-----IEVRDPLGRV	

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<u>Hem1</u>	Hs	327	PTLDFKKTVSRPVQGIPTYVLLNTSGISTPARIDLLELLSISGSSL-KTIPVKYYPHRKPYGIWNI SDFVPPNEA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	