

		10	20	30	40	50	60					
Cdx	Hs_CD _X 2	QVKTRTKDKYRVVYTDHQRL	LEKEFHY	-SRYITIR	RKAELAAT	LGLSERQVK	IWFQNRRAKERKIN					
	Hs_CD _X 1	SGKTRTKDKYRVVYTDHQRL	LEKEFHY	-SRYITIR	RKSELAA	NLGLTERQVK	IWFQNRRAKERKVN					
	Sk_Caudal	TGKTRTKDKYRVVYTDHQRL	LEKEFHY	-SRYITIR	RKAELAH	LGLSERQVK	IWFQNRRAKERKQN					
	Tc_caudal-1	IGKTRTKDKYRVVYTDLQR	IELEKEFT	FVSKYITIK	RKSELAE	NLGLSERQIK	IWFQNRRAKERKQN					
	Tc_caudal-2	GCKTRTKDKYRVVYTDHQRV	LEKEFY	-SRYITIR	RKAELAN	LGLSERQVK	IWFQNRRAKERKQV					
	Mc_Cdx	NQRIRTCDKYRQVYSEYQK	IELEKEYVM	-QKYVT	SKRKSEL	LAHILSL	TERQVK	IWFQNRRAKERRV				
	Dt_Cdx	NQRIRTCDKYRQVYTEQQK	LEKEFLT	-QKYVN	ARRKSEM	ARALQL	TERQVK	IWFQNRRAKERKLF				
	MI_Cdx	EMKTRTQDKYRQVYSSHQR	FELKEYHF	-QKYIST	ARKSEL	SKTLRL	SERQIK	IWFQNRRAKERQR				
	Pd_Cdx	-KTRTKDKYRVVYTDHQRL	LEKEFHY	-SRYITIR	RKAELA	QTLNLS	SERQVK	IWFQNRRAKERKQN				
	Ch_Cdx	-FSQDPTMRSR	PCFSHQ	TRELEREF	GV	-CQYVTR	RRRIEL	AYTLSL	TEKQIK	TWFQNR	RVKERKQ	KKISG
Xlox	Hs_PDX1	AAEPEENKRTRTAYTRAQL	LEKEFLF	-NKYISR	PRRVEL	LAVMLNL	TERHIK	IWFQNR	RMKWKKE	EDKCR		
	Dr_pdx1	MVEAEENKRTRTAYTRAQL	LEKEFLF	-NKYISR	PRRVEL	LALTL	SLTERHIK	IWFQNR	RMKWKKE	EDKRR		
	Sk_Lox2	FQDLDENKRTRTAYTRS	QLLEKEFHF	-NKYISR	PRRIEL	AAMLNL	TERHIK	IWFQNR	RMKYKKE	EAKRK		
	MI_Xlox	QQA _V VKIR	RQRTNYSRL	QLLEKEFHF	-TKYL	TRARRRE	LADSL	LVTERH	VK	IWFQNR	RMRWKKE	QRQQQ
	Sp_Xlox	TSPHIMRKR	PRTTFS	QS	QLLEKEFI	H-TAYL	DRANR	ISLAGK	LNLKEKRIK	VWFQNR	MRKR	DESEQK
	Pd_Xlox	LDFTDENKRTRTAYTRS	QLLEKEFHF	-NKYISR	PRRIEL	ASML	SLTERHIK	IWFQNR	RMKWKKE	DEAKRR		
	Gv_Xlox	VSVDDENKRTRTAYTRG	QLLEKEFHF	-NKYISR	PRRIEL	AAMLNL	TERHIK	IWFQNR	RMKWKKE	DEAKQR		
	Nv_Xlox/Cdx	WSSAQVRS	ARTAYTAS	QLELEKEFLY	-SRYITRT	RRKEL	ANTLDL	SEKH	IK	IWFQNR	RMKKKK	TDSNGA
	Hs_GSX1	SNQLPSSKRMRTAFTSTQ	LELEREFAS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKHKK	EGKGSN	
	Hs_GSX2	ASQVPNGKRMRTAFTSTQ	LELEREFSS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKHKK	EGKGT	
Gsx	Dr_gsx1	SSQLQSSKRMRTAFTSTQ	LELEREFSS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKHKK	EGKSGS	
	Dr_gsx2	NSHIQNGKRMRTAFTSTQ	LELEREFSS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKHKK	EGKGT	
	Pf_Gsx	SDNLQSSKRIRTAFTSTQ	LELEREF	AA-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVQYKK	RRKTRV	
	Dm_Ind	NDYADSSKRIRTAFTSTQ	LELEREF	SH-NAYLS	RRLRIE	IANR	LRLSEKQV	K	IWFQNR	RRVKQKK	GGSESP	
	Mc_Gsx	NTSVVAGKRMRTSFS	SSGQLL	RLE	REFAT	-NMYLS	RRLR	-	-	-	-	-
	MI_Gsx1	TASVSSHKRVRTAFSSD	QLLSLET	EF	SV-SMYL	TRIRRI	GIAQR	LSLSEKQV	K	IWFQNR	RRVRYKKE	ETRLLS
	MI_Gsx2	QPEDRNSKRMRTAFTSE	QLLAL	EREF	AA-NMYLS	RRLRIE	IARY	LRLSEKQV	K	IWFQNR	RRVRYKKE	VRYKK
	Sm_Gsx	NKQNSFRNRTAFTDYQ	LICLEREF	SH-IQYLS	RIDRI	H	LAQN	LNLTEKQV	K	IWFQNR	RRVWRK	RNLF
	Pd_Gsx	EMEDANGKRIRTAFTSTQ	LELEREFSS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKYKKE	EGTD	-S
	Es_Gsx	DL--QSSKRIRTAFTSTQ	LELEREFAS	-NMYLS	RRLRIE	IATY	LNLSEKQV	K	IWFQNR	RRVKYKKE	EGTGES	
Nv_Gsx	- - - - -SKRIRTA	YTSMQ	LLELEKEFS	-NRYLS	RRLRIQ	IAAL	LDLSEKQV	K	IWFQNR	RRVKWKK	DK	
Ta_Gsx	- - - - -TKRIRTA	YTSMQ	LLELEKEFNS	-SRYLS	RRLRIE	IANM	LNLSEKQV	K	IWFQNR	RRVKWKK	DN	