	10	20	30	40	50	60	70	80	90
Human LR Mouse LR	MFWHWILPFFLLLR MICOKFOVVLLHWE MMCOKFYVVLLHWE MYHQIILTMSLLLO	FIYVITAFNLS FLYVIAALNLA	YPITPWRFKL YPISPWKFKL	SCMPPNSTY FCGPPNTTD	DYFLLPAGLSK DSFLSPAGAPN	(NTSNSNCHYE NASALKGASE	TA <mark>VEP</mark> KFNSS AIVEAKFNSS	CTHFSNLSK CIYVPELSK	TFHCC 90 MFHCC 90
	100	110	120	130	140	150	160	170	180
Human LR Mouse LR	LWDHLNTNFSSONC FRSEODRNCSLCAD FGNEOGONCSALTD LWSNNNASCSLYSA	NIEGKTFV-ST NTEGKTLA-SV	VNSLVFQQIC VKASVFRQLG	ANWNIQCWLI	K <mark>GDLKLFIC</mark> Y\ KGDLTLFICHN	ÆSLFKNLFRN ÆPLPKNPFKN	IYN YKVHLLYV IYD SKVHLLYD	LPEV-LEDSP LPEV-IDDSP	PLVPQK 178 PLPPLK 178
	190	200	210	220	230	240	250	260	270
Human LR Mouse LR	GTABOROFOYE GSFOMVHONCSVHE DSFOTMOCNCSLRO RTALAAQONCSEYO	CCECLVPVPTA -CECHVPVPRA	KLNDTLLMCL KLN <mark>YA</mark> LLMYL	KITSGGVIF EITSAGVSF	QSPLMSVQPI <mark>N</mark> QSPLMS <mark>LQP</mark> ML	NMVKPDPPLGL LVVKPDPPLGL	HMEITDDGNL .HME <mark>V</mark> TDDGNL	KISWSSPPLV .KISWDSQTM/	PFPLQ 268 PFPLQ 267
	280	290	300	310	320	330	340	350	360
Mouse LR	YQVRYTVKAAETNS YQVKYSENSTTVIR YQVKYLEN-SIIVR CEVNISGNSDQNDW	REAAEIVSATSL	LVDSVLPGSS	YEVQVR KRI	LDGSGVWSDWS	SPOVFTI-OD	WYFPPKILT	SVGSNASFHO	IYKNE 355
	370	380	390	400	410	420	430	440	450
Human LR Mouse LR	GKKVPSSNITWULN NKIVPSKEIVWMN NOIISSKQIVWWRN TQSVASKKIVWULN	ILAEKIP <mark>OSOY</mark> D ILAEKIPEIIOYS	VVSD <mark>H</mark> VSKVT IVSDRVSKVT	FFNLNETKPI FSNLKATRPI	RGKFTYDAVY(RGKFTYDAVY(CCN-EH <mark>ECHH</mark> CN-EOACHHR	YAELYVIDVN YAELYVIDVN	VINISCETDGY INISCETDGY	CLTKMT 446
	460	470	480	490	500	510	520	530	540
Human LR Mouse LR	CRWSSONMTLPEGS CRWSTSTIQSLAES CRWSPSTIQSLVGS CRWSANPNALLLGS	TLQLRYHRS-S TVOLRYHRR-S	LYCSDIPSIH LYCPDSPSIH	HPISEPKDCY HPISEPKNCV	LQ <mark>S</mark> DGFYEC <mark>I</mark> F LORDGFYECVF	FQFIFLLSGYT FOFIFLLSGYT	MWIRINHSLO MWIRINHSLO	SLDSPPTCVI SLDSPPTCVI	PDSVV 535 PDSVV 533
	550	560	570	580	590	600	610	620	630
Human LR Mouse LR	KPLAPSRVRAENTK KPLPPSSVKAEITI KPLPPSNVKAEITV KPLPPSNIKAEITR	NIGLLKISWEK NIGLLKVSWEK	PVFPENNLQF PVFPENNLQF	QIRYGLSGK	EMQWKMYEVYD EIQWKTHEVFD	DAKSKSVSLPV DAKSKSASLLV	PDLCAVYAVO SDLCAVYVVO	VRCKRLDGLO VRCRRLDGLO	SYWSNW 625 SYWSNW 623
Human LR Mouse LR	640 SQPVHTVVRDIRVP SNPAYTVVMDIKVP SSPAYILVMDVKVP SRSAYAAVKDIQAP	MRGPEFWRIIN MRGPEFWRKMD	GDT <mark>MKKEKNV</mark> GDVTKKERNV	/TLLWKPLMKI /TLLWKPL <mark>T</mark> KI	NDSLCSVQRY\ NDSLCSV <mark>R</mark> RY\	/INHHTSONGT /VKHRTAHNGT	WSEDVGNHTK WSEDVGNRTN	FTFLWTEQAH	TVTVL 715

	730	0 74	1 40 7	1 50	760	770 7	'80	790	800 8	T 310
Xenopus LR	AVNSLGYSLT	NSKLTFSCE	MSTVTSVESF	RVYHMNNTO	AVAV <mark>WT</mark> MLPK	SDMPLEFIME	KNL GNEEKV	OWNIFONMS	RCYIEDNFFAI	795
Human LR	ATINSTIGASVA	NENLTESWP	MSKVNTVOSL	SAYPLNSSC	VIVSWILSES	DYKLMYFITEV	KNLNEDGET	KWLRISSSVK	KYYIHDHFIPI	805
Mouse LR Chicken LR	AVNSLGASLVI AVNSTGASSV	NENLTESWPI NENLTI 400	MSKVEAVESL MSTVNAVOSI	SAYPUSSSC TAYPUNSTIC	VILSWILSPI VILIWILSPI	DARTTAELLEN	BNI NKEEEN	KWLRIPSNVK KWVOVEDNIS	KFYIHDNFIPI KHYIYDHFILI	803 796
chicken Ek		11200	45TVIAVQ5E		VIII (MILESII ((1. V113 1114)	, N <u>RISE</u> (N.C.			
	820	0 8:	30 8	40	850	860 8	70	880	890 9	900
Xenopus LR										
Human LR Mouse LR	KYQFSLYP <mark>I</mark> FI	MEGVGKPKI:	INSFTODDIE	KHQSDAGLY	VIVPVIISSS	LLLGTLLISH	IQRMKKL FWE	DVPNPKNCSV	/AQG <mark>L</mark> NFQKPET /AQG <mark>L</mark> NFQKPET	895 893
Chicken LR	KYRFSLYPVF	MEGVGKERT. AAGVGKSRA	TDOFSKDGYA	S-OTSSNLY	VIVETIISSC VVLPIVISTS	VLLLGALLTSF VLLLGALLMSF	RRMKKLEWE	DVPNPKNCSV	IAQGUNFQKPET IAQGVDFQQPET	885
										_
,	910	0 93	20 9	30 9	940	950 9	60	970	980 9	90
Xenopus LR	EN L FMKHHKH	PANCSPFLF	EPEAVFEDLS	ICKQVPHEI:	IDNIPAVNSL	FTVSEEPDHDS	ACESSNFSS	GCAFETDHQE	MVYS <mark>S</mark> IQS	
Human LR	EHLFIKHTAS	VTCG-PLLL	EPETISEDIS	VDTSWKNKDI	EMMPTT <mark>VVSL</mark>	LSTI-DLEKGS	VCISDOFNS	VNFSEAEGTE	VTYEAESQRQP VTCEDECQRQP	F 983
Mouse LR Chicken LR	EHLEVKEPEA	MIFG-PLLL MSFE-PLLL	EPEIMLEDIS	VTKALECED	TODFLVLDST	TIKPEDSEHDS	ACPSSHES	RSSLECSPS	PTSG-ETASOS	N 973
					<u> </u>					_
	V 100	90 10	10 10	20 1	.030	1040 1	050	1060	1070 1	080
Xenopus LR									GFSEPLDHEDS	
						IIEAQAFF I ILS- T <u>eaq</u> tfflls-		SPHLTFSEG- SPOLSFSG	-LDELLKLEGN	
Chicken LR	IKYATVITNS	RSGGLYE-QI	NKNPRCHFDG	CFLAEDSLA	ACACS CSSWE	LGNEAFLLLP-	DOPGSOP		GFSEPSDQDDA	
									`	_ _
	109	90 11	.00 11	110 1	.120	1130 1	140	1150	1 <u>16</u> 0 1	170
Xenopus LR	LEADGLERNL	YYL <mark>EFG</mark> SI <mark>Q</mark> Q	QCGQQDCYSE	K <mark>PLGTF</mark> PFQI	ENISYKEIDF	KKDKASEFID	-YDIKNSFK	K <mark>A</mark> FLC <mark>YMPQ</mark> F	QŤ <mark>H</mark> SI <mark>KLPGE</mark> M	E 1146
Human LR Mouse LR	PEENNDKKSI	YYLGVTSIKI	KRESGVLLTD RRESGVLLTG	KSRVSCPFP.	APCLETDIRV	LODSCSHEVEN	NINLGTSSK	KTFASYMPQF	QTCST <mark>QT</mark> HKIM QTCST <mark>HS</mark> HKIM	E 1157 E 1154
Chicken LR	TDGGSPERCL	HYLCITSLC	KRENDIFLTE	SSR LMCH FH	TADL LRGVG	LONTPP	LNAFIQSSI	KAIVPYVPQF	CMTAAKVQETT	1134
						_	_		\	_
Xenopus LR										1151
	NKMCDLTV NKMCDLTV									1165
Mouse LR Chicken LR										1162 1148
	-									