	MLKFXTVXGGLRLL	GVRRTSXAPX	ASPNVRRLEY	-		CTELGI RTV/	1	-	I GR GL A PVQ		, ,	HP GY GF	
0 -/ DV0 4	- MRFSRI PP- I FAN	20	30 *	40 AU	50	60	70	80	90	100 🚖	★ 110	120	115
C. elegans PYC-1 mouse PC human PC	MLKFQTVRGGLRLL MLKFRTVHGGLRLL	. GV RRS SSAPV	ASPNVRRLEYK	KPI KKV MVA NRO	RGELALRVFRAC	CTELGI RTVA	AVYSEQDTGQM	MRQKADEAYL	IGRGLAPVQA	AYL HI PDI I KV	AKENGVDAV	/HP GY GF	120 120
	L SERADF AQA CQD A	GVRFI GPSPE	VVRKMGDKVEA	RAI AL AAGVP	VVPGTDXPIT	SLHEAHEFS!	NTYGFPIIFKA	A Y GG GGR GMR	VVHSYEELE	ENYTRAYSEAL	A A F GN GAL F	VEKFLE	1
- : 51/0.4	130	140	★ 150 ★	160	170	180	190	200	210	220	230	<u>★</u> 240	
C. elegans PYC-1 mouse PC human PC	L SERSDF AAA CQN A L SERADF AQA CQD A L SERADF AQA CQD A	GVRFI GPSPE	VVRKMGDKVEA	ARALAL AAGVPV	VVPGTDSPISS	SLHEAHEFSN	NTF GFPIIFKAA	A Y GG GGR GMR	RVVHSYEELEE	ENYTRAYSEAL	AAFGNGALF	VEKFLE	235 240 240
	KPRHI EVQI L GDQY	GNI LHLYERD	CSI QRRHQKVV	/EI APAXHL DP	QLRXRLTSDS	VKL AKQVGY	ENA GT V EFL V D	X HGK HYF I EV	NSRL QV EHT	VTEEL T DVDL V	HAQI HVAEC	RSLPDL	- 1
	250	260	270	280	290	★ 3 0	310	★ ★ 320	330	340	350	360	
C. elegans PYC-1 mouse PC human PC	RPRHI EVQLL GDHH KPRHI EVQI L GDQY KPRHI EVQI L GDQY	GNI LHLYERD	CSI QRRHQKVV	VEI APATHL DPO	QLRSRLTSDSV	VKL AKQVGY E	ENAGTVEFLVD	KHGKHYFIEV	NSRL QVEHT V	VTEEL T DVDL VI	HAQI HVSEG	GRSLPDL :	355 360 360
	GLRQENI RINGCAL	QCRVTTEDPA	RSFQPDT GRI F	VFRSGEGMGI	RLDNASAFQG	AVI SPHYDS!	LLVKVI AHGKD	HPTAATKMSP	ALAEFRVRG'	VKTNI PFLQNV	LNNQQFLAC	TVDTQF	1
	370	380	390	400	410	420	430 ★	440🜟	450	460	470	480	.
C. elegans PYC-1 mouse PC human PC	KLSQETI QTT GSAI GLRQENI RI NGCAI GLRQENI RI NGCAI	QCRVTTEDPAR	RSFQPDT GRI E	EVFRSGEGMGI F	RLDNASAFQGA	AVI SPHYDSL		HPTAATKMSR	RALAEFRVRGV	VKTNI PFLQNVI	LNNQQFLAG	STVDTQF	475 480 480
	I DENPEL FQL RPAQ	NRAQKLLHYL	GHVMVNGPTTF	'I PVXXSPSPV	DPXVPXVPI G	P- PPAGERD!	LLREGPEGFA	RAVRNHPGLL	LMDTTFRDA	HQSLLATRVRT	HDLKKI APY	VAHNEN	1
	490	★ 500	510	520	530	540	550	560	570	580	590	600	
C. elegans PYC-1 mouse PC human PC	I DEHPEL FOF KPS Q I DENPEL FOL RPA Q I DENPEL FOL RPA Q	NRAQK L L HYL (GHVMVNGPTTP	PIPVNVSPSPVD	DPAVPVVPI GF	P-PPAGFRDI	ILLREGPEGFAF	RAVRNHQGLLI	LMDTTFRDAH	HQSLLATRVRTI		/VAHNEN	595 599 599
	KLFSMENWGGATFD	VAMRFLYECP	WRRL QEL REL I	PNI PF QML LR	GANA V GY T NY	PDNVVFKFC	<u>EVAKENGMDVF</u>	RVFDSLNYLP	NML L GMEAA	GS A GGV VEAAI	SYTGDVADP	SRTKYS	
	610	620	630	640	650	660	670	680	690	700	710	† 720	
C. elegans PYC-1 mouse PC human PC	GLFSLENWGGATFD KLFSMENWGGATFD KLFSMENWGGATFD	OVA MRF L YE CP \	WRRL QEL REL I	PNI PF QML LRO	RGANAVGYTNYF	PDNVVFKFCE	EVAKENGMDVFF	RVFDSLNYLP	NML L GMEAA	GSAGGV VEAAL	SYTGDVADP	PSRTKYS	715 719 719
	LXYYMGL AEELVRA	GT HI L CI K DM	AGLL KPX ACT N	/LVSSLRDRFP	DLPLHI HTHD	/SGAGV AAMI	LACAQA GADVV	DVAV DSMSGM	TSQPSMGAL	VACTXGTPLDT	EVPLERVFD	YSEYWE	
	730	740	₹ 50	760	770	780	790	800	810	820	830	840	
C. elegans PYC-1 mouse PC human PC	L KYYL NL ADQL VK A L EYY MGL AEEL VR A L QYY MGL AEEL VR A	AGT HILCIKDMA	MAGLLKPAACTM	ML V SSL RDR F P D	DLPL HI HTHDT	TSGAGVAAML	LACAQA GAD VVI	DVAVDSMSGM	MTSQPSMGAL V	VACTKGTPLDT	EVPLERVFD	DYSEYWE	835 839 839
	GARGLYAAFDCTAT	MKSGNSDVYE	NEI PGGQYTNI	HF QAH SMGL G	SKFKEVKKAY	VEA NQML GD I	LIKVTPSSKIV	GDL A QF MVQN	GLSRAEAEA	QAEELSFPRSV	VEFLQGYI C	XPHGGF	ļ
	850	860	870	880	🚖 890 🚖	900	910 🌟	920	930	940	950	960	
C. elegans PYC-1 mouse PC human PC	STROLYAPFECATT GARGLYAAFDCTAT GARGLYAAFDCTAT	MKSGNSDVYEN	NEI P GGQ YTNL	LHFQAHSMGLGS	SKFKEVKKAYV	VEA NQML GD L	LIKVTPSSKIVO	GDLAQFMVQN	GLSRAEAEAC	QAEELSFPRSV	VEFLQGYI G	BI PHGGF	955 959 959
	PEPFRSKVLKDLPR	VE GRP GAS LP	PLDL XAL EKEL	XDRHGEEVTP	EDVL SAAMYP	DVF AXF KDF	TAT F GP L DS L N	TRLFLQGPKI	AEEFEVELE	RGKTLHI KALA	VSDLNRAGC	RQVFFE	l
	*	980	4990 ₹	1000	1010	1020	1030	1040	1050	1060	1070	1080	ı
0 / 5\/0 /	840	-7-	The state of the s	T							FOR HIVEOF	REVEED	1075
C. elegans PYC-1 mouse PC human PC	PEPL RTKVL RGKPK PEPF RSKVL KDL PR PEPF RSKVL KDL PR	(VDGRPGENAKI RIEGRPGASLPI	PLNL KELEKDL	LIDRHGEEVTPE	EDVLSAAMYPE	DVF AQF KDF T	TATF GPLDSLN1	IT RL F L QG PKI	AEEFEVELER	RGKTLHI KALAY	LEGKL NKRGE LVS DL NRAGQI LVS DL NRAGQI	RQVFFE	1079 1079
C. elegans PYC-1 mouse PC human PC	PEPL RTKVL RGKPK PEPF RSKVL KDL PR PEPF RSKVL KDL PR LNGQL RSI LVKDT Q	(VD GRP GENAK RIE GRP GAS LPF RVE GRP GAS LPF	PLNL KELEKDL PLDL QALEKEL	LI DRHGEEVTPE LVDRHGEEVTPE	EDVL SAAMYPE EDVL SAAMYPE	DVF AQF KDF T DVF AHF KDF T	TATEGPLDSLN1 TATEGPLDSLN1	IT RL F L QG PKI . IT RL F L QG PKI .	AEEFEVELEF AEEFEVELEF	RGKTLHI KALA' RGKTLHI KALA'	VSDLNRAGQ	RQVFFE	1079
C. elegans PYC-1 mouse PC human PC C. elegans PYC-1 mouse PC human PC	LNGQLRSILVKDTQ 109	(VD GRP GENAK RIE GRP GAS LPF RVE GRP GAS LPF	PLNL KELEKDL PLDL QALEKEL	LI DRHGEEVTPE LVDRHGEEVTPE	EDVL SAAMYPE EDVL SAAMYPE	DVF AQF KDF T DVF AHF KDF T QPL CVL SAMK	TATEGPLDSLN1 TATEGPLDSLN1	IT RL F L QG PKI . IT RL F L QG PKI .	AEEFEVELEF AEEFEVELEF	RGKTLHI KALA' RGKTLHI KALA'	VSDLNRAGQ	RQVFFE	1079