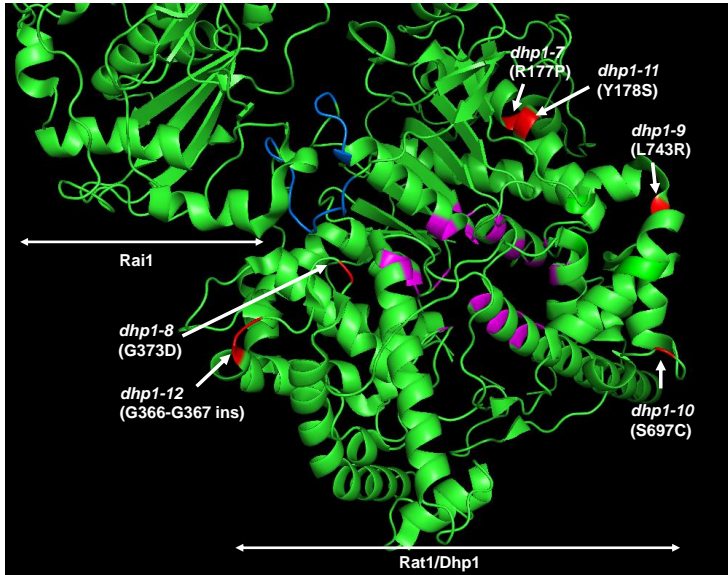


A

	<i>dhp1-7</i> (R177P)	<i>dhp1-11</i> <i>dhp1-14</i> (Y178S)	<i>dhp1-12</i> (366ins)	<i>dhp1-13</i> <i>dhp1-8</i> (G373D)	<i>dhp1-10</i> (S697C)	<i>dhp1-9</i> (L743R)
<i>S. pombe</i>	TLAKSLR	YYIINKL	PHMGGYLTLDG	SVNLARAEVILS	DENSEIIDFYPENFTIDLN	LNAVSKIY ^Q LT ^E EE ^S KR ^N E
<i>D. discoideum</i>	RVAESLR	TYVAEKL	PSFDDYLVSN	GEVNF ^P RL ^S Q ^I F ^V	VEESPIIEFYPRAFRIDRG	LKTISKTE ^P LL ^T EE ^E V ^D R ^N T
<i>S. cerevisiae</i>	KLAAALR	YWTAFKL	PKLKYMTCDG	VLN ^L PS ^V ET ^L L ^Q	EPDSEIIDFYPEEFPIDMN	LTAVRAQ ^Y PL ^L SDA ^E R ^A R ^N I
<i>A. thaliana</i>	VLSIALQ	YYVHLRL	RSFDGYLTDG	CKP ^N L ^K R ^V E ^Q F ^I Q	DPNSPIIDFYPTDFEVD ^M N	LEAVSEVEFT ^L T ^D EE ^K R ^R N ^S
<i>O. sativa</i>	VLSIALQ	YYIHLRL	PSMGGYLTDA	CTPDL ^N K ^V EH ^F I ^Q	DANSPIIDFYPTDFEVD ^M N	LAEIKKVEHT ^L T ^P EE ^A R ^R N ^S
<i>O. tauri</i>	RLSEALK	YYVHDRL	PTLGGYLCAD	GR ^N LP ^V EN ^F V ^Q	DKDSPIIDFYPEDFDL ^D M ^N	LEQ ^T DM ^L EY ^T LT ^A EE ^K R ^R N ^S
<i>D. melanogaster</i>	RLSKCLH	YFVHDRQ	YKTRGYLTD	SGDV ^N LD ^R V ^Q L ^I M ^T	DPESPIIDFYPEDFKID ^L N	FKALV ^P Y ^V D ^Q L ^T G ^E E ^V K ^R N ^K
<i>H. sapiens</i>	NLAKCLR	YYIADRL	HKTGGYLTES	SGY ^V N ^L Q ^R V ^Q M ^I M ^L	DPDSSIIDFYPEDF ^A ID ^L N	RAALEEV ^P Y ^P DL ^T PE ^E T ^R R ^N S
<i>M. musculus</i>	NLAKCLR	YYIADRL	HKTGGYLTES	SGY ^V N ^L Q ^R V ^Q M ^I M ^L	DPDSSIIDFYPEDF ^A ID ^L N	RAALEEV ^P Y ^P DL ^T PE ^E N ^R R ^N S
<i>X. tropicalis</i>	NLAKCLR	YYIADRL	HKTGGYLTDS	GFV ^N LD ^R V ^Q M ^I M ^L	DPDSSIIDFYPD ^D F ^A ID ^L N	RAALEEV ^P Y ^P DL ^T PD ^E T ^R R ^N S
<i>C. elegans</i>	RLHQKLD	DWIKTKS	PTLDGYINE	AGY ^L N ^L S ^R E ^A F ^L Q	PAKSPICDFYPANFET ^L DLN	LEA ^I E ^A K ^R S ^R L ^T SE ^E N ^A R ^N S
<i>T. brucei</i>	RISEHFQ	YFIMMKM	LLAHTYLTDM	GR ^I D ^W R ^A V ^E G ^W L ^Q	--NSPLARY ^F PE ^K L ^Q ID ^R E	LAA ^Y ET ^V Q ^D R ^V T ^P EE ^E R ^K N ^N R

B



C

	<i>tol1-2</i> (A297D)
<i>S. pombe</i>	GGSL ^L VE ^E AGG ^V VSD-MFGK
<i>S. cerevisiae</i>	AGN ^V VIV ^H EAGG ^I H ^T DAMEDV
<i>A. thaliana</i>	AGA ^I IV ^V TEAGG ^I V ^T DA-AGK
<i>O. sativa</i>	AGS ^I IV ^V TEAGG ^L V ^T DA-SGN
<i>O. tauri</i>	AGV ^I L ^V EEAGG ^T V ^S DA-GGA
<i>D. discoideum</i>	AGH ^I I ^V VEEAGG ^I V ^T DF-KKQ
<i>T. brucei</i>	SK ^I I ^W D ^V CA ^G N ^L L ^V TEAGG ^V
<i>X. tropicalis</i>	AAS ^V I ^I TEAGG ^V V ^L DA-TGG
<i>H. sapiens</i>	GAG ^I I ^V TEAGG ^V L ^M DV-TGG
<i>M. musculus</i>	AAT ^V I ^I REAGG ^I V ^I DT-SGG
<i>D. melanogaster</i>	AG ^D L ^I V ^R EAGG ^V V ^I D ^P -AGG
<i>C. elegans</i>	APS ^I I ^V TEAGG ^V V ^T D ^P -TGS

D

