

Pxyl_L_XP_037962503	MAIAFNLP SEREASEENFSRLNRLLT EYVLCHILVARQPEF---QERRDRPFSDSDIE	57
Hkah_L_XP_026316402	MAIAFNLP SEREATEENFSRLNRLLAE YEV LCHILVSRQP GQE AQENRRRPFSES DID	60
Herm_L_XP_021187231	MAIAFNLP SEREASEENFSRLNRLLA EYVLCHILVSRQP GQEV QDNRRRPYPSES DIP	60
Slit_L_XP_022815312	MAIAFNLP SEREATEENFSRLNRLLA EYVLCHILVSRQP GQEV QENRRRPYPSES DIP	60
Sfru_L_XP_035452846	MAIAFNLP SEREATEENFSRLNRLLA EYVLCHILVSRQP GQEV QENRRRPYPSES DIP	60
Atra_L_XP_013186325	MAIAFNLP SEREATEENFSRLNRLLA EYVLCHILVSRQP GQE AQET RDRPFSESDL D	60
Prap_LP_XP_022117210	MAIAFNLP SEREA AEFNSRLNRLLA EYVLCHILVSRHP GQEV QDNRRDRPYSESDIV	60
Zces_LP_XP_032807226	MAIAFNLP SEREATEENFSRLNRLLA EYVLCHILVSRQP GQEV QDNRRDRPFSES DIE	60
Ppol_LP_XP_013147603	MAIAFNLP SEREATEENFSRLNRLLA EYVLCHILVARQP GQEV QENRRDRPYSESD IE	60
Dple_LP_XP_032522380	MAIAFNLP SERETA EFNSRLNRLLA EYVLCHILVSRQP GQEV QENRRDRPYSESDVE	60
Vtem_LP_XP_026497378	MAIAFNLP SEREA AEFNSRLNRLLA EYVLCHILVSRQP GQE AQENRRRFPYSESD IE	60
Bmor_L_ICPK01046969	MAIAFNLP SEREAADENFSRLNRLLA EYVLCHILVSRQP GE-VQENRRDRPHSDSEL T	59
Msex_L_XP_030040660	MAIAFNLP SEREANDENFSRLNRLLA EYVLCHILVSRQP GE AQESRRRPHSDSE IL	60
	***** : ***** : ***** : * :	
		* : * : *

$\star$                        $\star$      $\star$      $\begin{smallmatrix} \star \\ \vdots \\ \star \end{smallmatrix}$                        $\begin{smallmatrix} \star \\ \vdots \\ \star \end{smallmatrix}$                        $\star \star$                        $\begin{smallmatrix} \star \\ \vdots \\ \star \end{smallmatrix}$      $\star \begin{smallmatrix} \star \\ \vdots \\ \star \end{smallmatrix}$                        $\begin{smallmatrix} \star & \star \\ \vdots & \vdots \\ \star & \star \end{smallmatrix}$

Pxyl_L_XP_037962503	SRFGNPRTAGVLLSPRRERRFTFAVTSEKHWRDKGGTREEDAGIPIISDTDEPDAPSPE	177
Hkah_L_XP_026316402	--YGSPRTAGVLLNGRSERSFTFSVSSQQRDKGGTDHADGA----HAAYTDDDDAN-	167
Herm_L_XP_021187231	--YGSPRTAGVLLSPRRERTFTFSVTSEKHWRDKGGTDVADGV----SRGDGISDSDSD	165
Slit_L_XP_022815312	--YGSPRTAGVLLSPRRERTFSSMTSEKHWRDKGGTDVADGV----TPGELSDAECDR	165
Sfru_L_XP_035452846	--YGSPRTAGVLLSPRRERTFSSMTSEKHWRDKGGTDVADGV----TPDEMSDAECDR	165
Atra_L_XP_013186325	--YGSPRTAGVLLSPRRDRKFTFSVSSEKHWRDKGGTDVADGV----TDADVTDVTS-	165
Prap_LP_XP_022117210	--YGSPRTAGVLLSPRESSFNFSVTSEKHWRDKGGTDVADGV----GDTDETDAAASP-	165
Zces_LP_XP_038207226	--YGSPRTAGVLLSPRRDSSFSFL-TSEKHWRDKGGTDVADGI----MDTDVTDALP-	164
Ppol_LP_XP_013147603	--YGSPRTAGLLLSPPRERAFTFSVTSEKHWRDKGGTDVADGV----ASADVTDSSSP-	165
Dple_LP_XP_032522380	--YG--RTPAGVLLSPRRERSFTFSVTSEKHWRDKGGTDVADGV----VDEDVTDADP-	164
Vtem_LP_XP_026497378	--YG--RSPAGVLLSPRRERSFNFSVTSEKHWRDKGGTDVVDNV----IDADVTDATP-	164
Bmor_L_ICPK01046969	--CNSPRTPGGVLFSPRRERKFTFS-SEKHWRDKGGTDVTDGV----SDAETDAGTPD	161
Msex_L_XP_030040660	--YGSNRTAGVLLSPRRERSFTFSSSEKHWRDKGGTDVADGV----TDTDETDASPE	165

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Pxyl_L_XP_037962503	-----PSSSPKDSTSSSESSIFSSIMPDKLSGSICTAVLFMLGWKLLANNR	222
Hkah_L_XP_026316402	--AASNENQQDERGSSVSSVISSITPYKVSGSICTAILMLGWTILSHKR	215
Herm_L_XP_021187231	RDLDETDAPPT-EKAAETSIFSSIIIPDKLSGSICTAVLFVLGWKLFNSKR	214
Slit_L_XP_022815312	DNMDETDAPKAEKEPEGSIFSSIIIPDKLSGSICTAVLFMLGWKLFNSKR	215
Sfru_L_XP_035452846	DILDETDAPKPEEKEPEGSIFSSIIIPDKLSGSICTAVLFMLGWKLFNSK-	214
Atra_L_XP_013186325	-----PTSS---EKSEGSISSIIKDKLPGSICTVVLFWMLGWKLLSNKR	205
Prap_LP_XP_022117210	-----DCPND-KRSSESSILSSIMPDSISGSICTAVLFMLGWKLLSNKR	208
Zces_LP_XP_038207226	-----QCTDE-KRSSESWIFSSIIIPDKLSGSICTAVLFMLGWKLLSNKR	207
Ppol_LP_XP_013147603	-----EEPYQPEKSSSESIFSSIIIPDKLSGSICTAVLFMLGWKLLANKR	209
Dple_LP_XP_032522380	-----EPPFAGKKESENSILSPDKLSGSICTAVLFVLGWKLLSNKR	208
Vtem_LP_XP_026497378	-----RLTEKETSSS-ESSIFSILPDKLSGSICTAVLFMLGWKLFNSKR	207
Bmor_L_ICPK01046969	A-----PT-STEPGVTSILTSIIIPDKLSGSICTAVLFMLGWKLFNSKR-	202
Msex_L_XP_030040660	D-----PA-QKD-SSTSIFSSIIIPDKLSGSICTAVLFMLGWKLFNSQR-	205

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