

PtTLP1 27 QSVTFDFNTNN CPYTVWPGTL TAAGGPSLSS TGFTLATGAS SSLSPV-NW
 CHTL 24 --ATISFKNN CPYMWVPGTL TSDQKQQLST TGFELASQAS FQLDTPV-PW
 Mal d 2 25 --AKITFTNN CPNTVWPGTL TGDDKQQLSL TGFELASKAS RSDVAPS-PW
 PsTL1 23 --AKFTFTNK CPNTVWPGTL TGGGGPQLLS TGFELASGAS TSLTVQA-PW
 PpAz8 24 --ATMSFKNN CPYTVWPAF GN--PQLST TGFELASQAS FQLDTPV-PW
 Zeamatin 22 --AVFTVVNQ CPFTVWAASV PVGG----- -GRQLNRGES WRITAPAGTT
 PR-5d 22 --SGVFVHNN CPYTVWAAAT PVGG----- -GRRLERGQS WFWFAPPGTK

PtTLP1 76 SGRLWARTQC STDASGKFVC ATADCASGV I ECNGAGAIPP ASLAEFTLSG
 CHTL 71 NGRFWARTGC STDASGKFVC ATADCASGV I MCNGNGAIPP ATLAEFNLPA
 Mal d 2 72 SGRFWGRTRC STDAAKGFTC ATADCSGQV ACNGAGAIPP ATLVEITLAA
 PsTL1 70 SGRFWGRSHC STDSSGKFVC STGDCSGQI SCNGAGASPP ASLVELTLAT
 PpAz8 68 SGRFWARTRC STDASGKFVC ETADCD SGQL MCNGKTGIPP ATLAEFITLAA
 Zeamatin 63 AARTWARTGC KFDASGRGSC RTGDCG-GVL QCTGYG-RAP NTLAEYALKQ
 PR-5d 64 MARTWGRTRC NFDGAGRGC QTGDCG-GVL ECKGWG-KPP NTLAEYALNQ

PtTLP1 126 DGGKDYIDIS LVDGFNLPTS VTPQG-GSTG CPSTS-CAAN VNAVCDPSLA
 CHTL 121 GGGQDFYDVS LVDGFNLPM S VTPQG-GTGD CKTAS-CPAN VNAVCPSELQ
 Mal d 2 122 NGGQDYIDVS LVDGFNLPM S VAPQG-GTGE CKPSS-CPAN MNKVCPAPLQ
 PsTL1 120 NGGQDFYDVS LVDGFNLPIK LAPRG-GSGD CNSTS-CAAN INTVCPAELS
 PpAz8 118 GGGQDFYDVS LVDGFNLPM S VTPQG-GTGT CKMGS-CAAN VNLVCPSELQ
 Zeamatin 111 FNNLDFFDIS LIDGFNVPM S FLPDG-GSG- CSRGPRCAVD VNARCPAELR
 PR-5d 112 FSNLDFWDIS VIDGFNLPM S FGP TKPGPGK CHGIQ-CTAN INGECPSLR

PtTLP1 174 VKGSDGTVIA CKSACALFNQ PQYCCTGEYN TPDKCPANQY SMTFKQQCQP
 CHTL 169 KKGSDGSVVA CLSACVKFGT PQYCCTPPQN TPETCPPTNY SEIFHNACPD
 Mal d 2 170 VKAADGSVIS CKSACALFGD SKYCCTPPNN TPETCPPTNY SEIFEKQCQP
 PsTL1 168 DKGSDGSVIG CKSACALNQ PQYCCTGAYG TPDTCPTTDF SKVFKNQCQP
 PpAz8 166 KIGSDGSVVA CLSACKFGE PQYCCTPPQE TKEKCPPTNY SQIFHEQCQP
 Zeamatin 159 QDG-----V CNNACPVFKK DEYCCVG--S AANDCHPTNY SRYFKGQCQP
 PR-5d 161 VPG-----G CNNPCTTFGG QQYCCT---- -QGPGPTTEL SRWFKQRCQP

PtTLP1 224 AYSYAYDDKS STFTCPSG-G NYLITFCP--
 CHTL 219 AYSYAYDDKR GTFTCNNGG-P NYAITFCP--
 Mal d 2 220 AYSYAYDDKN STFTCSGG-P DYVITFCP--
 PsTL1 218 AYSYAYDDKS STFTCFGG-P NYEITFCP--
 PpAz8 216 AYSYAFDDNK GLFTCSGG-P NYLITFCP--
 Zeamatin 201 AYSYPKDDAT STFTCPAG-T NTKVVFCP--
 PR-5d 200 AYSY PQDDPT STFTCTSWTT DYKVMFCPYG SAHN