

Supplementary Data 2: Sequences of mature nLTP proteins used for the phylogenetic analysis presented in Figure 1b.

>PhnsLTP1

AMTCGQVQVGVVSCLPYLTNHGPLGSCCSVTKGLVTAAKTPQDRRTACACVKSA LNTIKGIDLSKAA
GLSDVCHANIPFKPSLSTDCSRVN

>PhnsLTP2

LTGQVTSNLAPCLPYLRNTGSLGGCCGGVKGLVNAAKSKQDRQTACGCLQQA AKSIKGINLSKAA
GLPSTCGVNIPYPISPSTDCSKVQ

>PhnsLTP3

ATITCSTVYSGLEPCLNYVVGKVPSECCNGLKSLLSARTTKDLQRACYCVKSVASSVTGAQISRA
ASIPGICKARIPFKISP DVDCSKIK

>NtnsLTP1

LTGQVQSSLAPCVPYLLGRGPLGGCCGGVKRLLGAARTPADRKTACNCLKSAANTFKGIDMGNA A
RLPGTCGVNIPYKISPSTDCSKVQ

>AtnsLTP2

LMSCGTVNGNLAGCIAYLTRGAPLTQGCCNGVTNLKNMASTTPDRQQACRCLQSAAKAVGPGLN
TARAAGLPSACKVNIPYKISASTNCNTVR

>AansLTP3

ISCGQVSKLTPCLGYLQKGGPVPPACCSGVKALNDAAKSTPDRQTACTCLKNAYSANS GISSSNAA
GLPGKCGVSIPYKISPGTDCTKVQ

>AtnsLTP1

ALSCGSVNSNLAACIGYVLQGGVIPPACCSGVKNLNSIAKTTTPDRQQACNCIQGAARALG SGLNAG
RAAGIPKACGVNIPYKISTSTNCKTVR

>AtnsLTP5

AISCGAVTGS LGQCYNYLTRGGFIPRGCCSGVQRLNSLARTTRDRQQACRCIQGAARALG SRLNAGR
AARLPGACRVRISYPISARTNCNTVR

>NtnsLTP4

DISCGQVVASLSPCISYVRQGGAIAPCCSGINSLNNQATSTPDRQTACNCIKSAAAGISGINFSLAGS
LPSKCGVNLPYKISPSIDCSTVQ

>StnsLTP1

LSCGEVTSGLAPCLPYLQGRGPIGGCCGGVKGLLGAAKTPEDRKTACTCLKSAANSIKGIDTGKAAGL
PGVCGVSIPYKISPSTDCSKVQ

>NsnsLTP1-like

TAADETVTCNTVYDSLEPCLGYVLGGASVPPECCSGLKSLLSGAARTRTDRQSACQCVKSVASSATGD
QISRAASIPGICKAKLPFKISANVDCSKIK

>CansLTP1-like

TTTTASSADGDATVTCSTVYSNLEPCLSYVLGGGLNVPSECCSGLKSLLSSTARTKSDLQSACNCVKS V
ASRATGVQINRAAKIPGICEANIPFKISP NVDCSKIK

>StnsLTP1-like

AVSCNTVYSNLEPCLGFVLNGGPTVPSACCSGLKSLLSVAAGTTADRQSACKCIKSLASSANGVQIGRA
SQLPGICNAHIPYQISP NVDCSKIT

>OmnsLTP

ISTVVVARAALSCSTVYNTLLPCLPYVQSGGAVPAACCGGIRSIVSAARTTADRRAACTCLKNVAAGA

AGGPYISRAAGLPGRGCVSVPFKISPNVNCNAIN

>Ph45320

AVSCGMVATDLYPCLGYVRAGGAIPECCSGIRSLFSAASTTSDRQTVNCMKSAAGAISGVNLNLA
AGLPSKCGVNIPYKISPSIDCNNSLCLRANTLQKMKLAIFIVAMCMAAMAVMLSTPHAEAASCGQ
VVSSLEPCISYVTKGGS LPTPCCDGIKTLNSQASTTPDRQAACNCIKSAAESINGINLKTAASLPDCGF
TKIYERRNT