

Table S4 Detailed classification criteria of AaLTPs

nsLTP type	ECM and number of flanking amino acid residues												
	1		2		3, 4		5		6		7		8
Type I	C	X9	C	X13-16	CC	X17,19,20	C	X	C	X21-23	C	X12,13	C
Type II	C	X7	C	X13,14,16	CC	X8,9	C	X	C	X19,20,23	C	X2,3,6,9	C
Type III	C	X9	C	X16,17	CC	X9	C	X	C	X12	C	X5	C
Type IV	C	X9	C	X15,17	CC	X9	C	X	C	X17,24	C	X6	C
Type V	C	X14	C	X14	CC	X11,12	C	X	C	X16,24	C	X7,10	C
Type VI	C	X10	C	X12 ,16	CC	X9	C	X	C	X22,23	C	X9	C
Type VII	C	X9	C	X14	CC	X12	C	X	C	X18,25,26	C	X7,9	C
Type IX	C	X13	C	X15	CC	X9	C	X	C	X22	C	X6	C

According to the differences in ECM patterns, AaLTPs are classified into different types. “X” stands for any amino acid symbol and the numerical value(s) or numerical range following “X” stand for the number of amino acid residues. AaLTPs that do not meet the above classification conditions are classified as AaLTPy.