

Diversity of the eight cysteine motif in various types of nsLTPs.

8CM and number of flanking amino acid residues													
Type		1		2		3,4		5 6		7		8	
I	X ₂₋₉	C	X ₉	C	X ₁₃₋₁₅	CC	X ₁₉	CXC	X ₁₉₋₂₄	C	X _{7,13,14}	C	X ₀₋₂₆
II	X ₀₋₁₃	C	X ₇	C	X _{13,15}	CC	X ₈₋₁₀	CXC	X _{16,21,23}	C	X _{5,6}	C	X ₀₋₂
III	X ₂₋₇	C	X ₉	C	X _{14,16,19}	CC	X ₉	CXC	X ₁₂	C	X ₆	C	X _{1,2,4}
IV	X ₀₋₇	C	X _{9,10}	C	X ₁₅₋₁₇	CC	X ₉	CXC	X _{21-24,28}	C	X _{6-8,10}	C	X _{0,1,5}
V	X _{2-5,10}	C	X ₁₄	C	X ₁₄	CC	X ₁₁₋₁₃	CXC	X ₂₄	C	X ₁₀	C	X _{6,10,12}
VI	X ₂₋₁₇	C	X ₁₀	C	X _{16,17}	CC	X ₉	CXC	X _{22,23}	C	X _{7,9}	C	X ₅₋₁₂
VII	X _{4,50}	C	X ₉	C	X ₁₅	CC	X ₁₂	CXC	X ₂₇	C	X _{9,11}	C	X _{17,18}
VIII	X _{13,12,21}	C	X ₆	C	X _{13,14}	CC	X ₁₂	CXC	X ₂₅	C	X ₈	C	X _{2,14,16}
IX	X _{2,21}	C	X ₁₃	C	X ₁₅	CC	X ₉	CXC	X ₂₂	C	X ₆	C	X _{1,4}

Adopted from the Figure 5 by Gautier, *et al.* in [33]. Species examined are rice, arabidopsis and wheat.

8CM and number of flanking amino acid residues													
Type		1		2		3,4		5 6		7		8	
Ia	X _{3,4,6,14,15}	C	X ₉	C	X ₁₃₋₁₆	CC	X ₁₉	CXC	X _{22,23}	C	X _{10,13,14}	C	X _{1,4,7}
Ib	X _{2,3,10,12}	C	X ₉	C	X ₁₃	CC	X ₁₉	CXC	X ₂₂	C	X ₁₃	C	X _{4,5}
Ic	X ₃	C	X ₉	C	X ₁₄	CC	X _{2CX₁₆}	CXC	X ₂₁	C	X ₁₃	C	X ₄
Id	X ₄	C	X ₉	C	X _{13,16,17}	CC	X ₁₉	CXC	X _{22,23}	C	X ₁₄	C	X _{6,15}
II	X ₂	C	X ₇	C	X ₁₃	CC	X ₈	CXC	X ₂₃	C	X ₆	C	X ₀
IV	X ₃	C	X ₉	C	X ₁₅	CC	X ₉	CXC	X ₂₄	C	X ₇	C	X ₀
IX	X ₂	C	X ₁₃	C	X ₁₅	CC	X ₉	CXC	X ₂₂	C	X ₆	C	X ₄
X	X _{2,3,12}	C	X ₉	C	X _{12,14}	CC	X _{6,9,20}	CXC	X _{22,25}	C	X _{13,14}	C	X _{4,6,16,17}

Adopted from the Table 2 by Liu, *et al.* in [34]. Species examined was only Solanaceae.

8CM and number of flanking amino acid residues													
Type		1		2		3,4		5 6		7		8	
1		C	X _{8,9}	C	X ₁₃₋₁₇	CC	X ₁₈₋₂₀	CXC	X ₁₉₋₂₄	C	X ₇₋₁₄	C	
2		C	X ₇	C	X _{13,15}	CC	X ₈₋₁₀	CXC	X _{16,21,23}	C	X ₅₋₆	C	
C		C	X ₉	C	X _{14,16,19}	CC	X ₉	CXC	X ₁₂	C	X ₆	C	
D		C	X _{6,14}	C	X ₈₋₁₈	CC	X ₉₋₁₇	CXC	X ₁₉₋₂₈	C	X ₆₋₁₄	C	
E		C	X _{11,13}	C	X ₁₅₋₁₆	CC	X ₉	CXC	X ₂₁₋₂₆	C	X ₆₋₇	C	

F	C	X ₇	C	X ₁₁	CC	X ₁₀	CXC	X ₁₉	C	X ₉	C
G	C	X ₆₋₁₁	C	X ₁₄₋₁₉	CC	X ₁₂₋₁₃	CXC	X ₂₀₋₃₄	C	X ₅₋₁₂	C
H	C	X _{8,11}	C	X _{13,16}	CC	X ₉	CXC	X ₂₁	C	X ₉	C
J	C	X _{11,14}	C	X ₁₄₋₁₅	CC	X ₁₂	CXC	X ₂₀₋₂₂	C	X ₆	C
K	C	X ₁₁	C	X ₁₄	CC	X ₁₃	CXC	X ₂₄	C	X ₇	C

Adopted from the Table 1 by Edstam, *et al.* in [53].