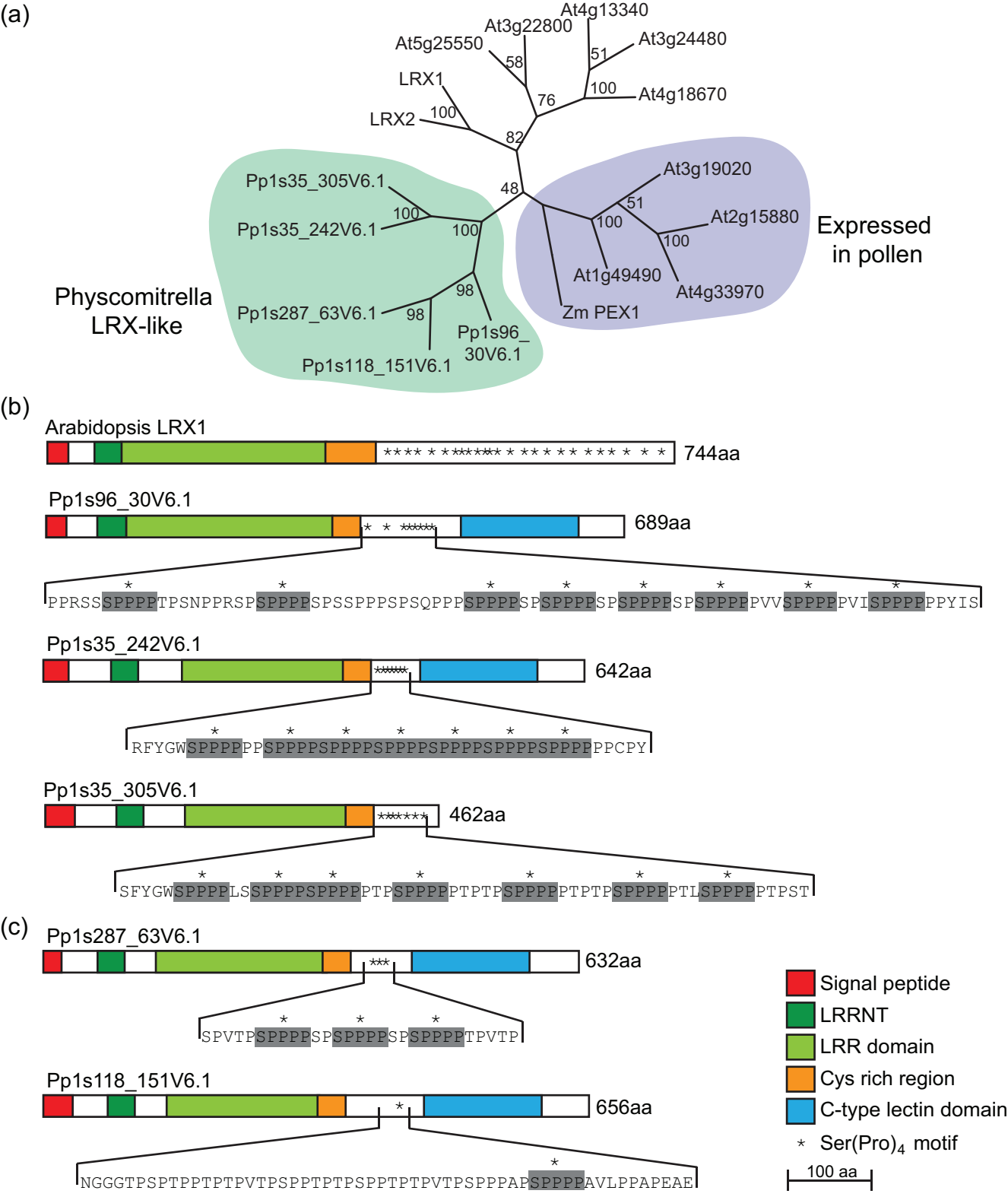
(a)
At4g13340
At3g22800
At5g25550
At3g24480
58
51
LRX1
100
At4g18670
76
LRX2
100
82
48
Pp1s35_305V6.1
At3g19020
100
51
Pp1s35_242V6.1
100
100
At2g15880
100
At1g49490
At4g33970
98
Pp1s287_63V6.1
98
Zm PEX1
Pp1s96_
30V6.1
Pp1s118_151V6.1
Physcomitrella
LRX-like
Expressed
in pollen
(b)
Arabidopsis LRX1
744aa
Pp1s96_30V6.1
689aa
PPRSSSPPPPTPSNPPRSPSPPPPSPSSPPPSPSQPPPSPPPPSPSPPPPSPSPPPPSPSPPPPSPSPPPPPVVSPPPPPVISPPPPPPYIS
Pp1s35_242V6.1
642aa
RFYGWSPPPPPPSPPPPSPPPPSPPPPSPPPPSPPPPSPPPPPPCPY
Pp1s35_305V6.1
462aa
SFYGWSPPPPLSPPPPSPPPPPTPSPPPPPTPTPSPPPPPTPTPSPPPPPTPTPSPPPPPTLSPPPPPTPST
(c)
Pp1s287_63V6.1
632aa
SPVTPSPPPPSPSPPPPSPSPPPPTPVTP
Pp1s118_151V6.1
656aa
NGGGTPSPTPPTPTPVTPSPPTPTPSPPTPTPVTPSPPPAPSPPPPAVLPPAPEAE
Signal peptide
LRRNT
LRR domain
Cys rich region
C-type lectin domain
Ser(Pro)4 motif
100 aa