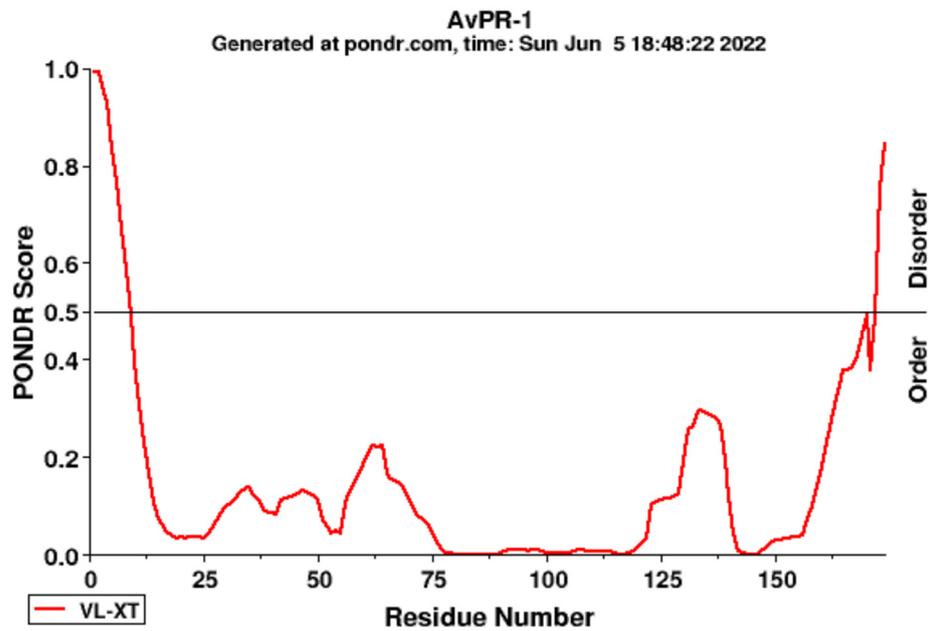
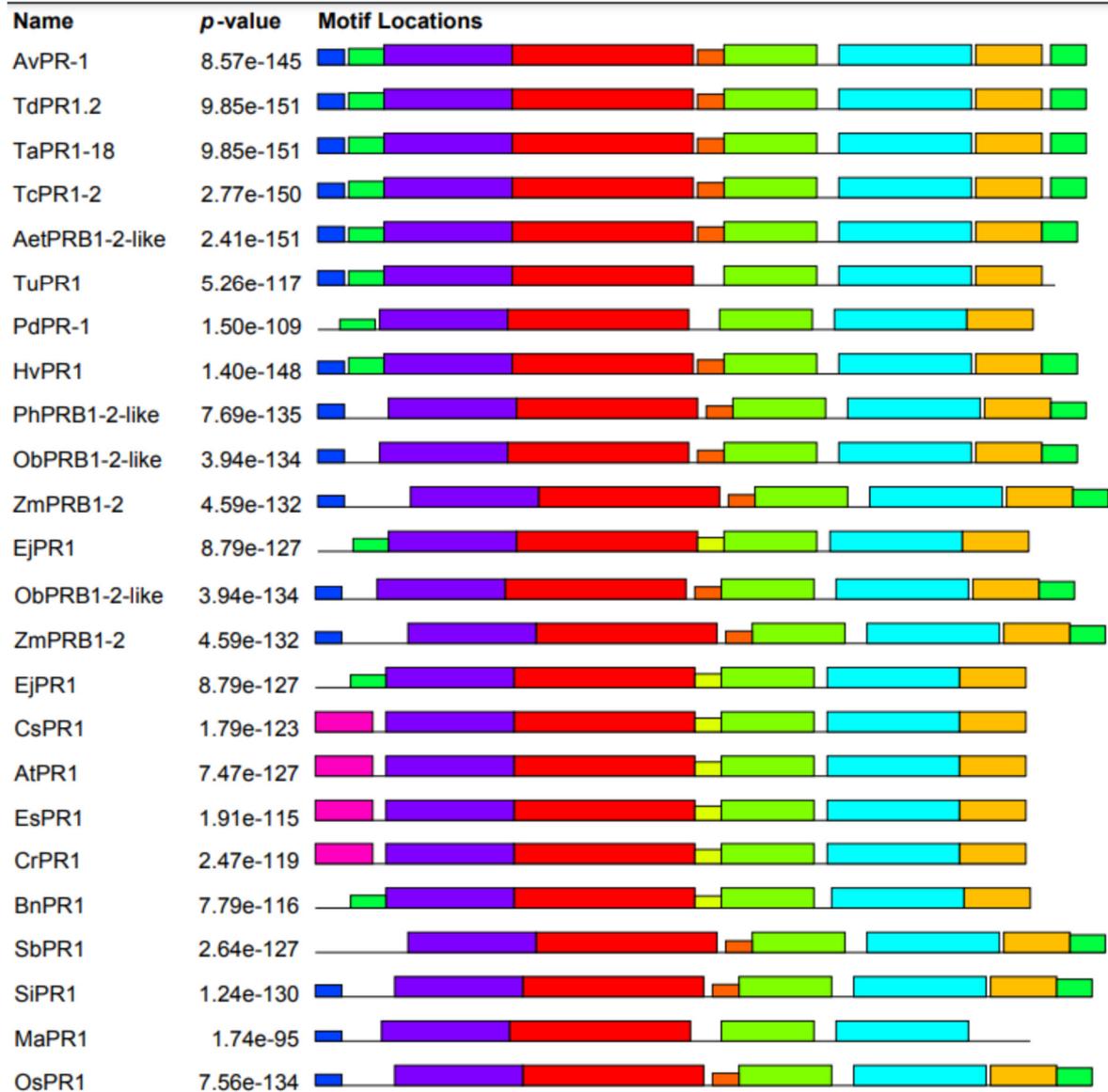


Supplemental Figure S1



Supplemental Figure S1: Identification of signal peptides in AvPR 1 sequence using POND R (Predictor of Natural Disordered Regions) server (<http://www.pondr.com/>) database.

Supplemental Figure S2

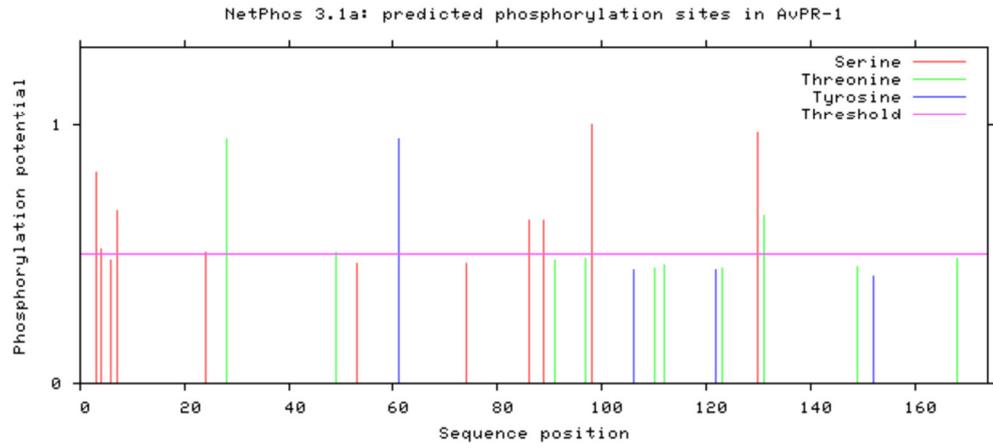


Motif	Symbol	Motif Consensus
1.		VGPVTWDN\$VARFAQDYANKRAGDCRLVHSGG\$PYGENJFWG
2.		CGHYTQVVWRKSTRIGCARVVCANNRGVFI
3.		ADAVNSWVDEKRN\$HYNTNTC
4.		VMAVVAGVSAQNT\$PQDFVNLHNRARAADG
5.		CNYBPPGNFNGERPF
6.		LTLDAAAK
7.		MA\$SKS
8.		MNFTNYSRFLIVF
9.		GRAWTA
10.		SGDL\$G

Supplemental Figure S2: Conserved motifs identified from AvPR-1 protein and its homologs in plants.

Supplemental Figure S3

#	MASSKSSLAMFALAIVMAVVAGRSAQNT PQDFVNLHNRARAGDGVGPVTW	#	50
	DNSVARFAQDYANKRAADCRLQHS GAPFGENIFWGSQQSWTAANAVTSlW	#	100
	DEKRNYHLNTNTCDAGKVC GHYTQVWRKSTRIGCARVVCAGNRGVFITC	#	150
	NYNPPGNFNGERPFAFLTLDAEAK	#	200
%1	..SS..S.....S...T.....T.	#	50
%1Y.....S..S.....S..	#	100
%1ST.....	#	150
%1		



Supplemental Figure S3: Identification of putative phosphorylation sites as revealed by NetPhos database.

Supplemental Figure S4

Query header	gene name	Description Estimated PPV, description	Biological process Estimated PPV, GO-id, description	Molecular function Estimated PPV, GO-id, description	Cellular component Estimated PPV, GO-id, description
AvPR-1 AvPR-1 Search		0.87 Pathogenesis-related protein 1-5	0.66 GO:0009607 response to biotic stimulus 0.37 GO:0006952 defense response		0.65 GO:0005576 extracellular region 0.32 GO:0016021 integral component of membrane

Supplemental Figure S4: Identification of the biological role of AvPR-1 as revealed by the PANNZER2 online server.