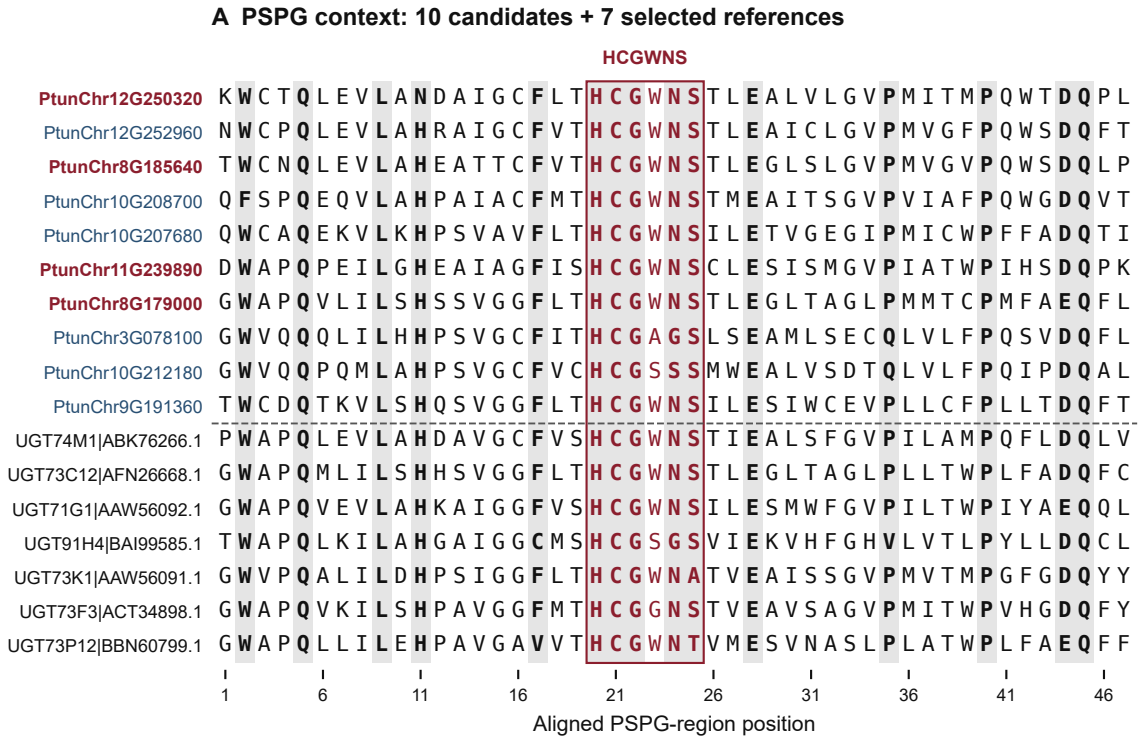
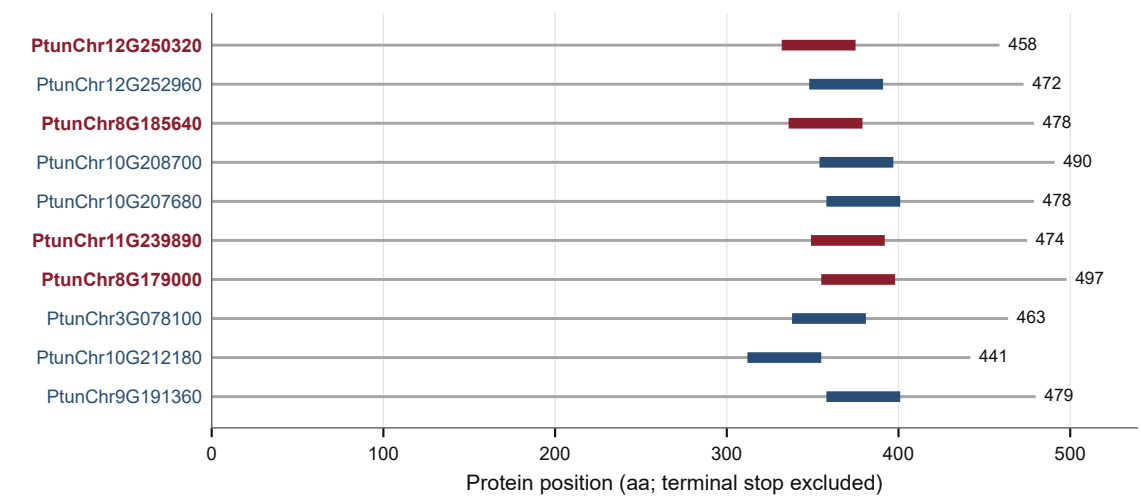

A PSPG context: 10 candidates + 7 selected references
HCGWNS
PtunChr12G250320 KWCTQLEVLANDAIGCFLTHCGWNSTLEALVLGVPMITMPQWTDQPL
PtunChr12G252960 NWCPQLEVLAHRAIGCFVTHCGWNSTLEAICLGVPMVGFPQWSDQFT
PtunChr8G185640 TWCNQLEVLAHEATTCFVTHCGWNSTLEGLSLGVPMVGVPQWSDQLP
PtunChr10G208700 QFSPQEQVLAHPAIACFMTHCGWNSTMEAITSGVPVIAFPQWGDQVT
PtunChr10G207680 QWCAQEKVLKHPSVAVFLTHCGWNSILETVGEGIPMICWPFFADQTI
PtunChr11G239890 DWAPQPEILGHEAIAGFISHCGWNSCLESISMGVPIATWPIHSDQPK
PtunChr8G179000 GWAPQVLILSHSSVGGFLTHCGWNSTLEGLTAGLPMMTCPMFAEQFL
PtunChr3G078100 GWVQQQLILHHPSVGCFITHCGAGSLSEAMLSECQLVLFPQSVDQFL
PtunChr10G212180 GWVQQPQMLAHPSVGCFVCHCGSSSMWEALVSDTQLVLFPQIPDQAL
PtunChr9G191360 TWCDQTKVLSHQSVGGFLTHCGWNSILESIWCEVPLLCFPLLTDQFT
UGT74M1|ABK76266.1 PWAPQLEVLAHDAVGCFVSHCGWNSTIEALSFGVPILAMPQFLDQLV
UGT73C12|AFN26668.1 GWAPQMLILSHHSVGGFLTHCGWNSTLEGLTAGLPLLTWPLFADQFC
UGT71G1|AAW56092.1 GWAPQVEVLAHKAIGGFVSHCGWNSILESMWFGVPILTWPIYAEQQL
UGT91H4|BAI99585.1 TWAPQLKILAHGAIGGCMSHCGSGSVIEKVHFGHVLVTLPYLLDQCL
UGT73K1|AAW56091.1 GWVPQALILDHPSIGGFLTHCGWNATVEAISSGVPMVTMPGFGDQYY
UGT73F3|ACT34898.1 GWAPQVKILSHPAVGGFMTHCGGNSTVEAVSAGVPMITWPVHGDQFY
UGT73P12|BBN60799.1 GWAPQLLILEHPAVGAVVTHCGWNTVMESVNASLPLATWPLFAEQFF
1 6 11 16 21 26 31 36 41 46
Aligned PSPG-region position


B PSPG position in full-length candidate proteins
PtunChr12G250320 458
PtunChr12G252960 472
PtunChr8G185640 478
PtunChr10G208700 490
PtunChr10G207680 478
PtunChr11G239890 474
PtunChr8G179000 497
PtunChr3G078100 463
PtunChr10G212180 441
PtunChr9G191360 479
0 100 200 300 400 500
Protein position (aa; terminal stop excluded)