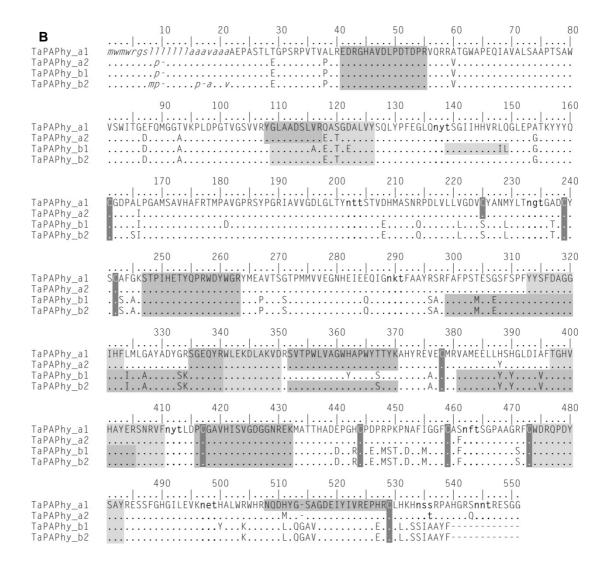
A TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	10 20 30 40 50 60 70 80          mwmwrgs1717171aaavaaaAEPASTLTGPSRPVTVALREDRGHAVDLPDTDPRVQRRATGWAPEQIAVALSAAPTSAWpEPVpEPV
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	90 100 110 120 130 140 150 160  VSWITGEFQMGGTVKPLDPGTVGSVVRYGLAADSLVRQASGDALVYSOLYPFEGLONYtSGIIHHVRLQGLEPATKYYYQ
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	170 180 190 200 210 220 230 240
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	250 260 270 280 290 300 310 320
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	330 340 350 360 370 380 390 400         .
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	410 420 430 440 450 460 470 480
TaPAPhy_a1 TaPAPhy_a2 TaPAPhy_b1 TaPAPhy_b2	490 500 510 520 530 540 550



**Supplemental Figure S5.** Peptide mapping of phytases purified from wheat bran (A) and from wheat grains germinated for six days (B). Observed tryptic peptides have light grey background and chymotryptic peptides have dark background. Underscored peptides were identified in samples deglycosylated with PenGase F.