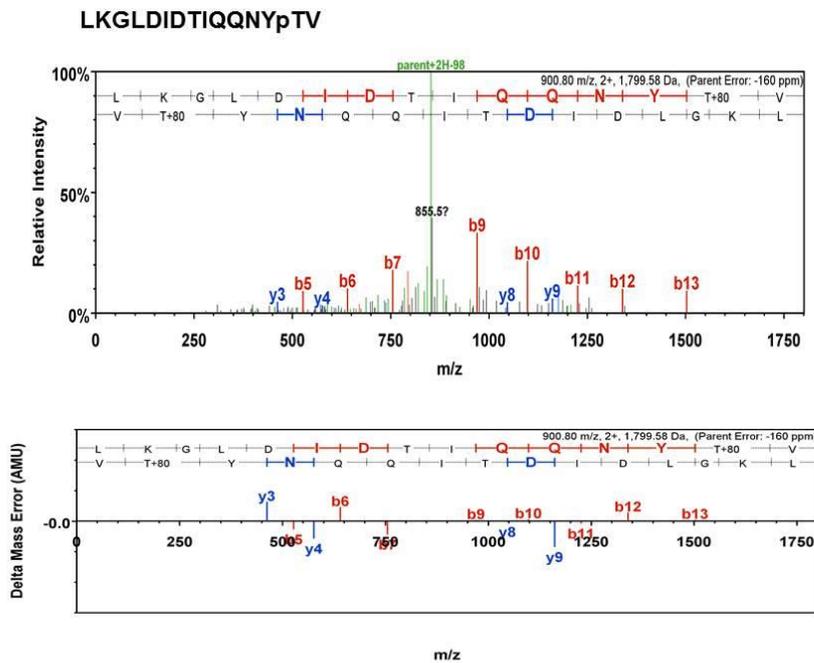


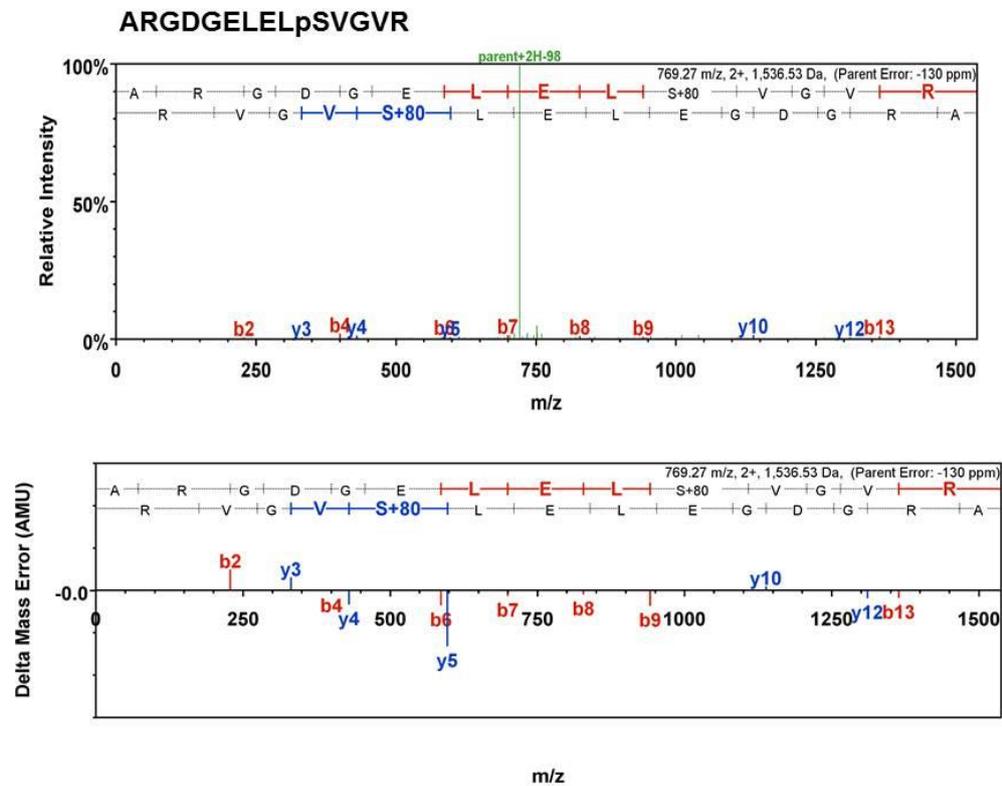
Supplementary data

Phosphoproteomic profiling of microsomal fractions in leaves of Cogon grass (*Imperata cylindrica*)

Ting-Ying Wu, Ping Kao, Chia-Lun Chang, Pang-Hung Hsu, Chang-Hung Chou, Ing-Feng Chang*

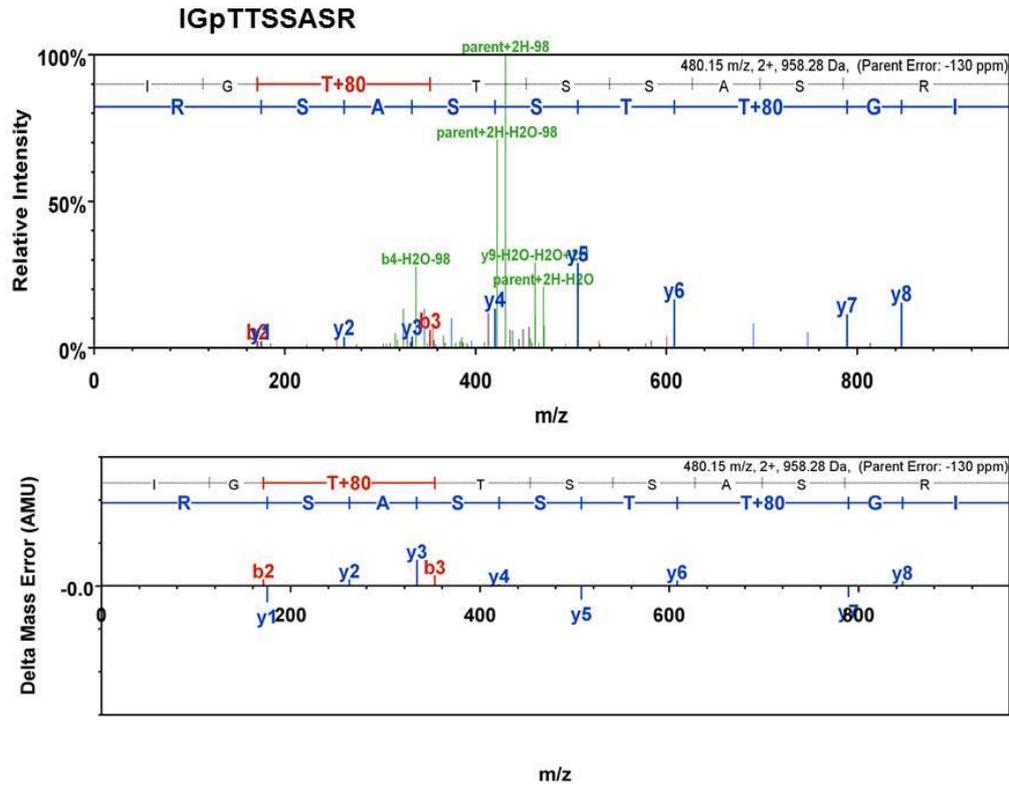
**Supplemental Fig. S1A.**

MS/MS fragmentation pattern of a phosphopeptide of H⁺-ATPase identified in Chuwei ecotype and Sarlun population. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



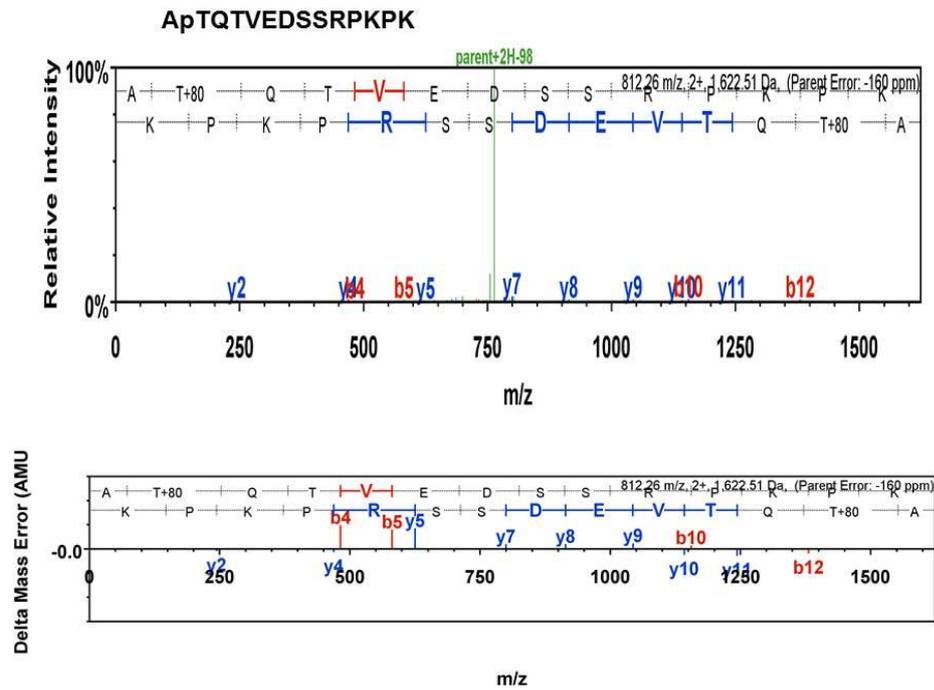
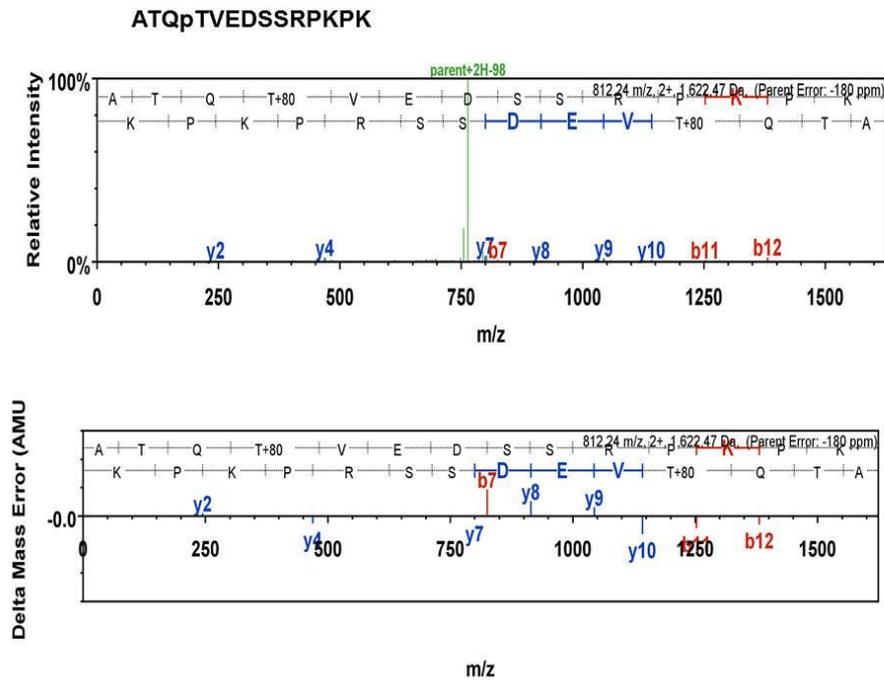
Supplemental Fig. S1B.

MS/MS fragmentation pattern of a phosphopeptide of sucrose transporter 1 identified in Chuwei ecotype. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S1C.

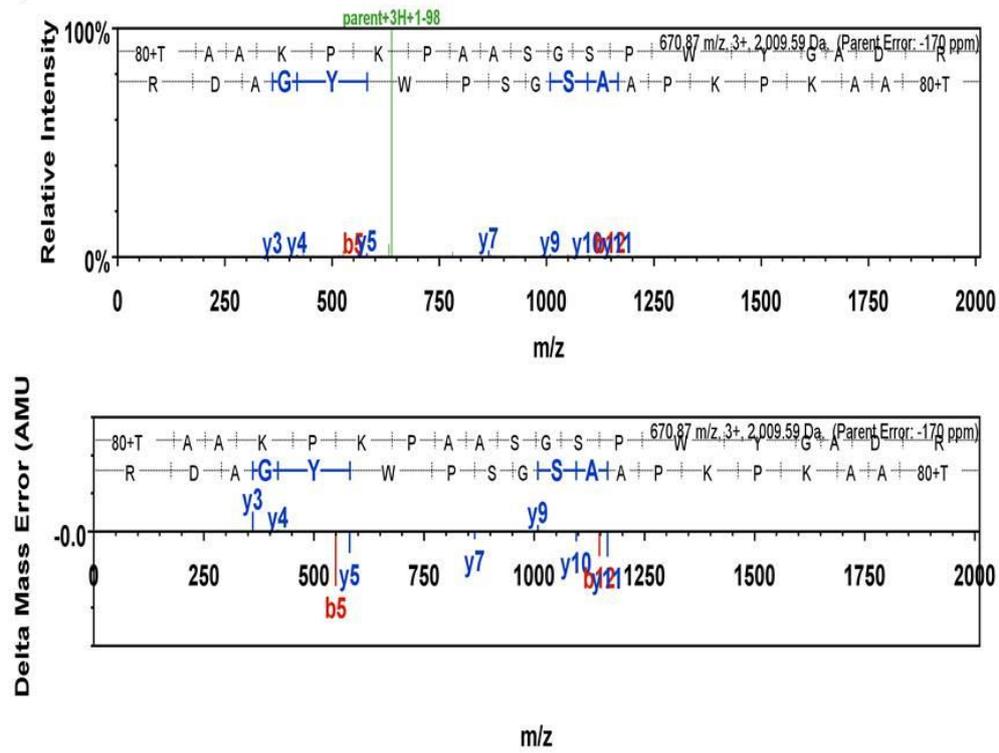
MS/MS fragmentation pattern of a phosphopeptide of calcium sensing receptor identified in Chuwei ecotype and Sarlun population. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S1D.

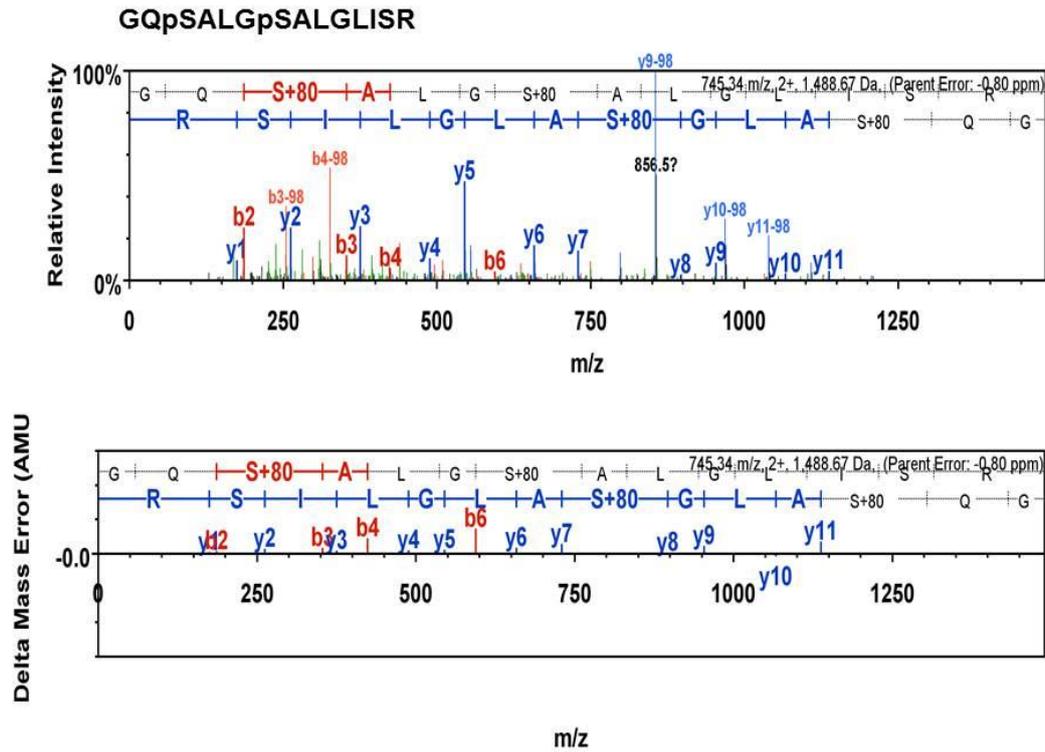
MS/MS fragmentation pattern of a phosphopeptide of photosystem II protein H identified in Chuwei ecotype and Sarlun population. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).

pTAAKPKPAASGSPWYGADR



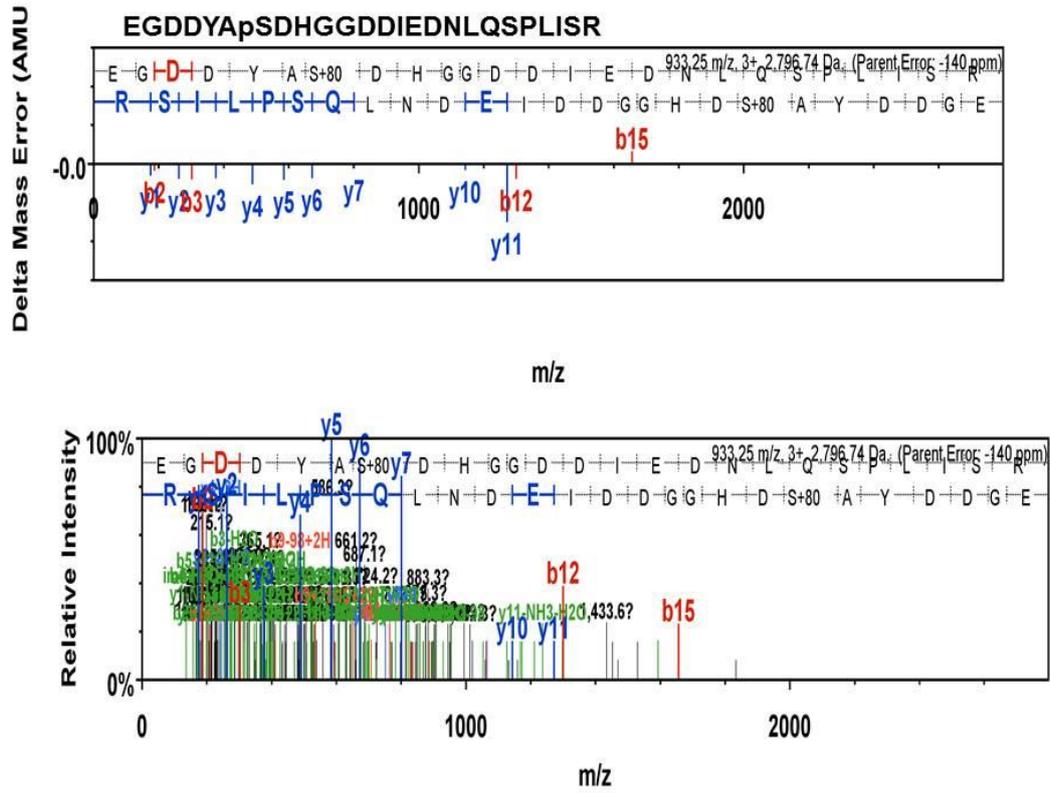
Supplemental Fig. S1E.

MS/MS fragmentation pattern of a phosphopeptide of chlorophyll a/b binding protein 2 identified in Chuwei ecotype. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



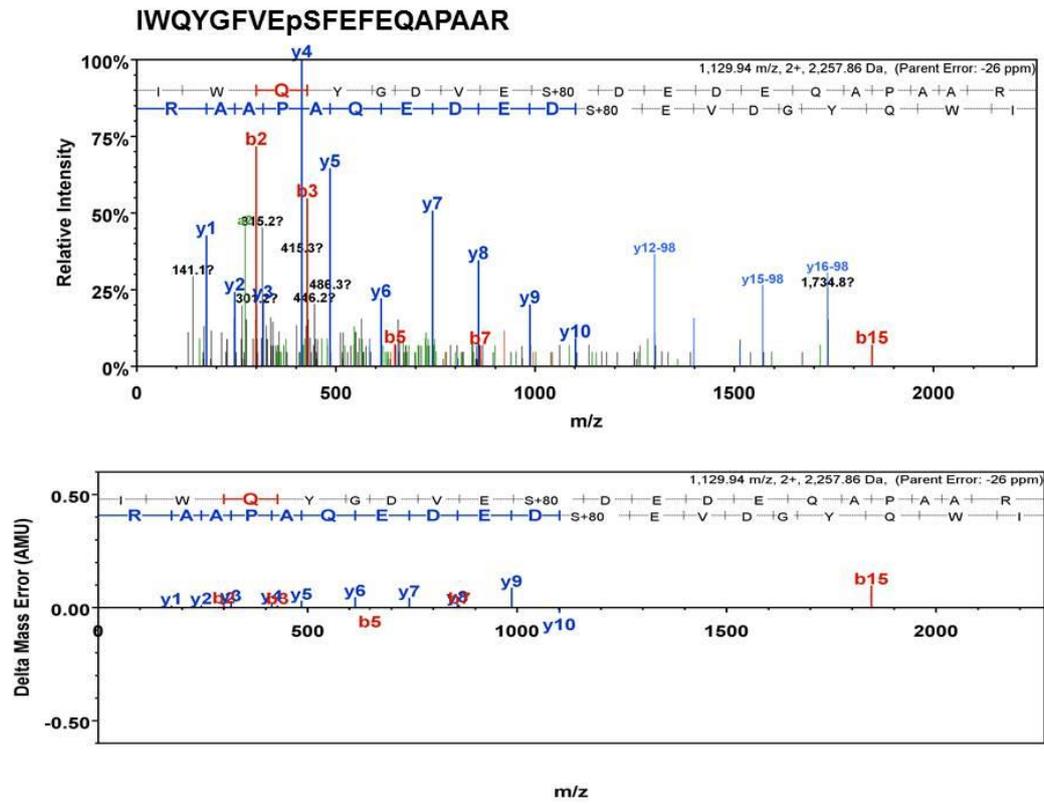
Supplemental Fig. S1F.

MS/MS fragmentation pattern of a phosphopeptide of TMT2 in Chuwei ecotype. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



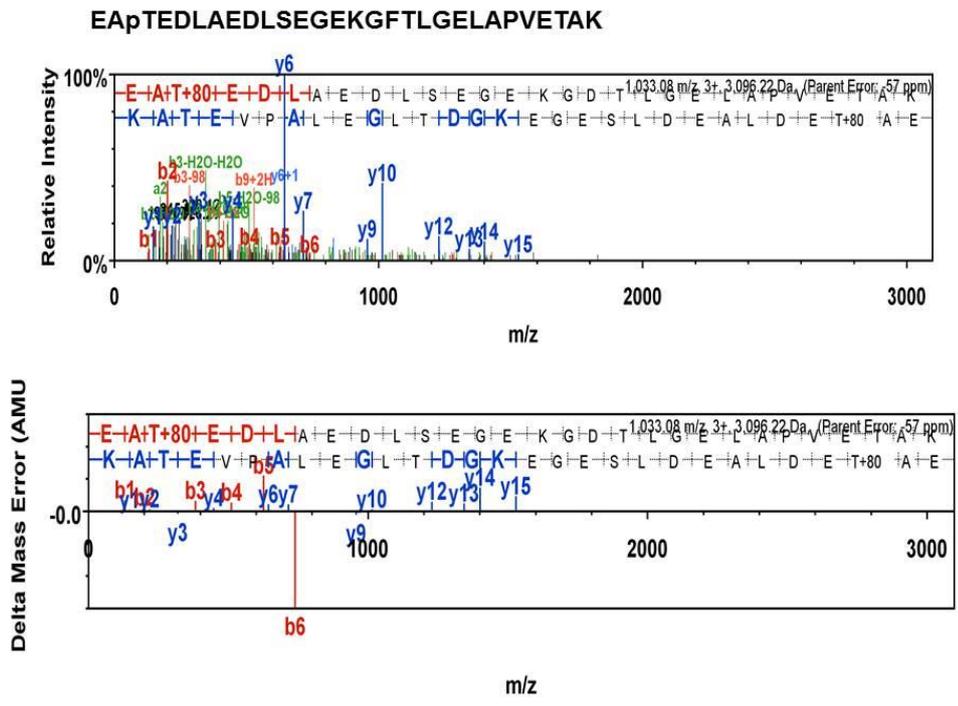
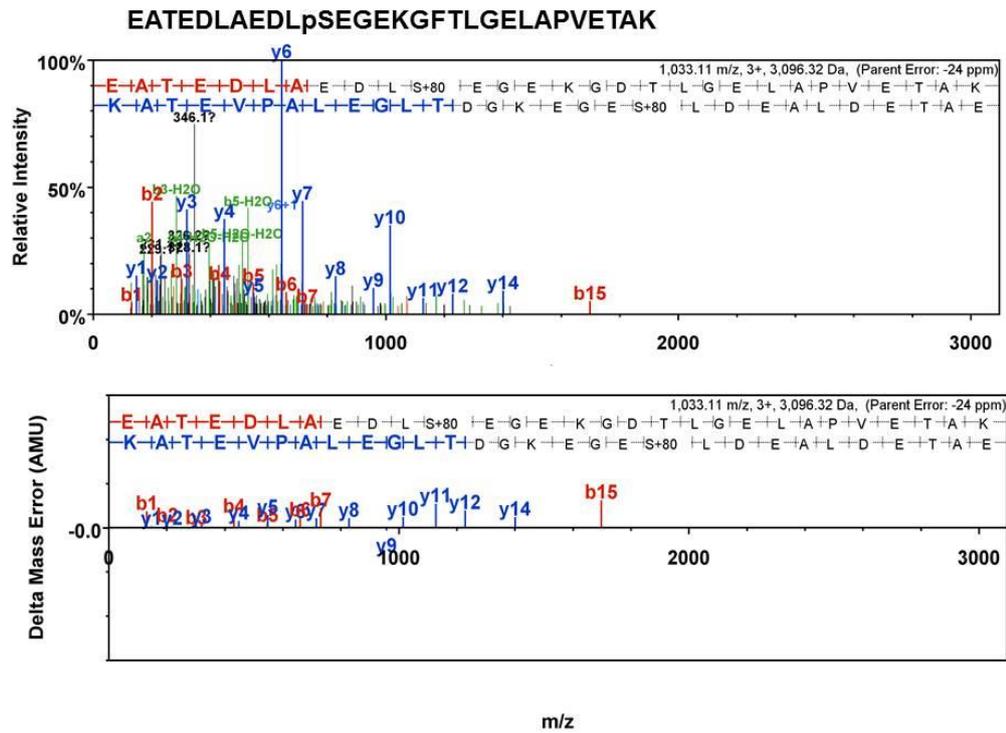
Supplemental Fig. S1G.

MS/MS fragmentation pattern of a phosphopeptide of TMT2 in Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



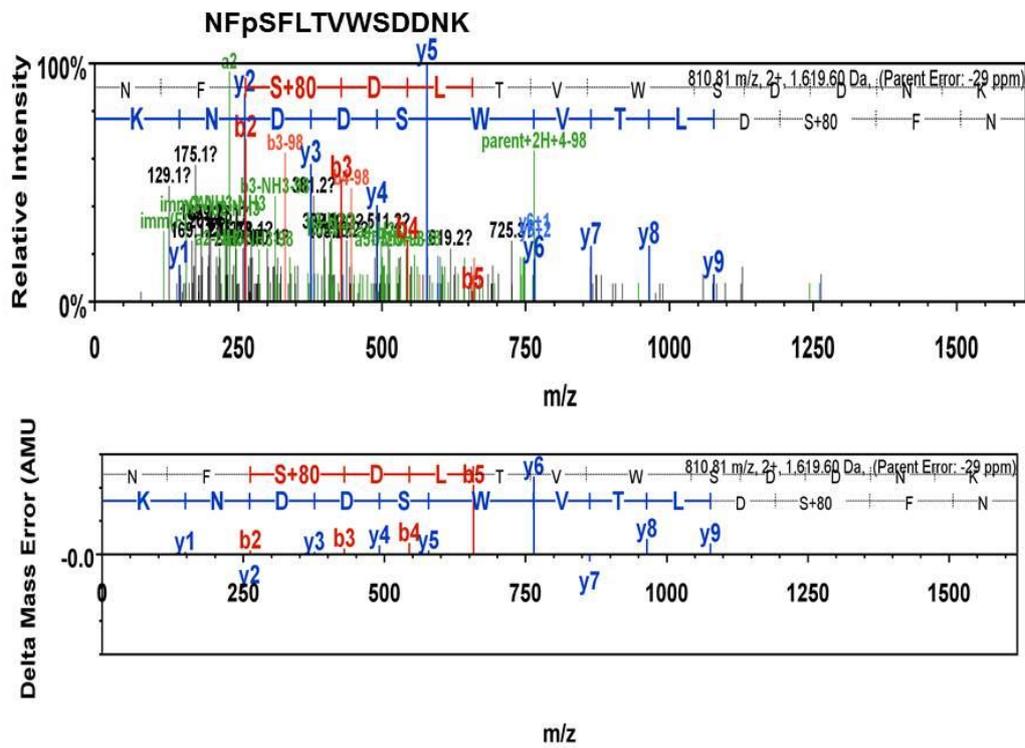
Supplemental Fig. S1H.

MS/MS fragmentation pattern of a phosphopeptide of TUDOR-SN protein 1 in Chuwei ecotype and Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S11.

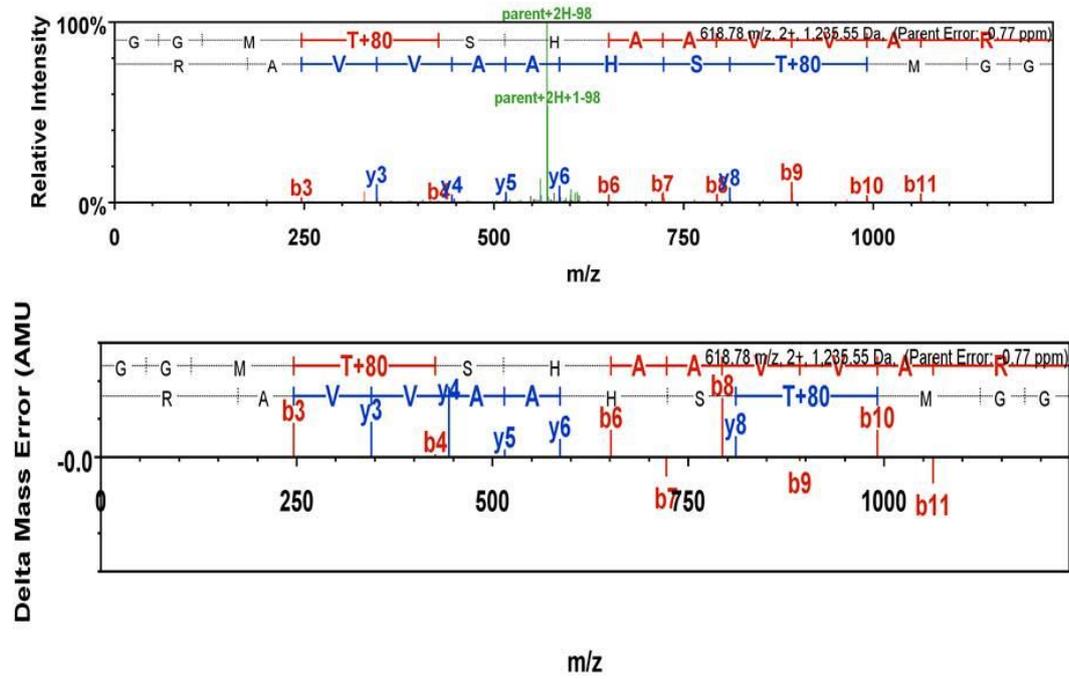
MS/MS fragmentation pattern of a phosphopeptide of sucrose-phosphate synthase 1 in Chuwei ecotype and Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S1J.

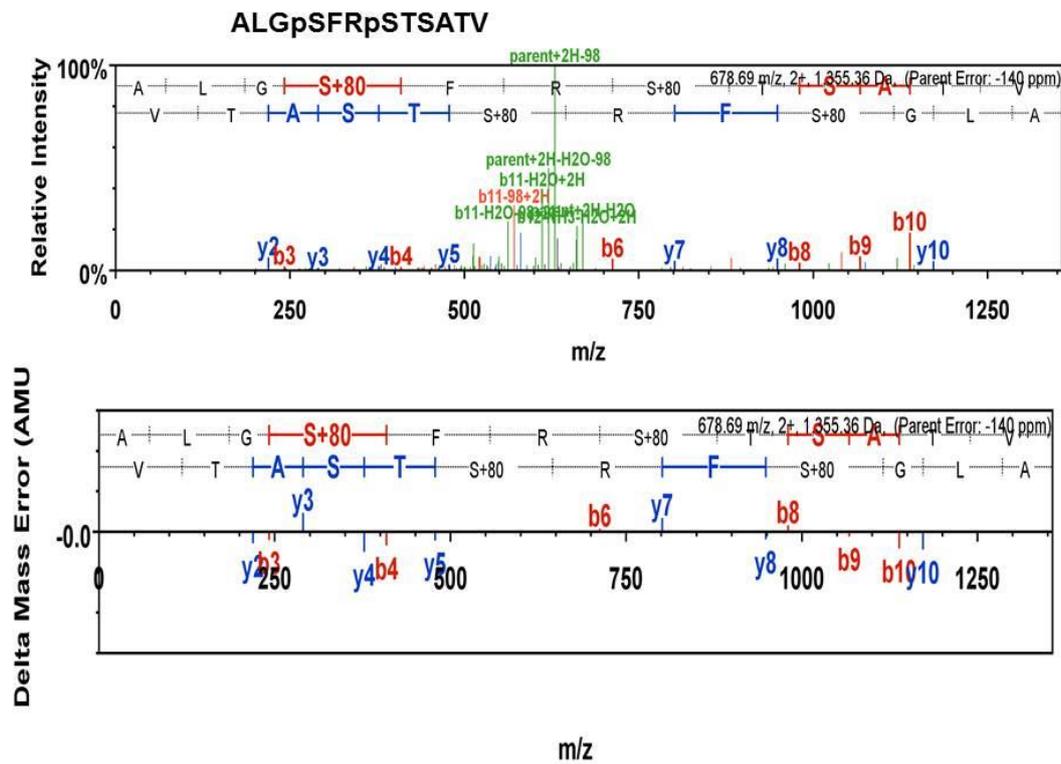
MS/MS fragmentation pattern of a phosphopeptide of sucrose-phosphate synthase 1 in Chuwei ecotype and Sarlun population. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).

GGMpTSHAAVVAR



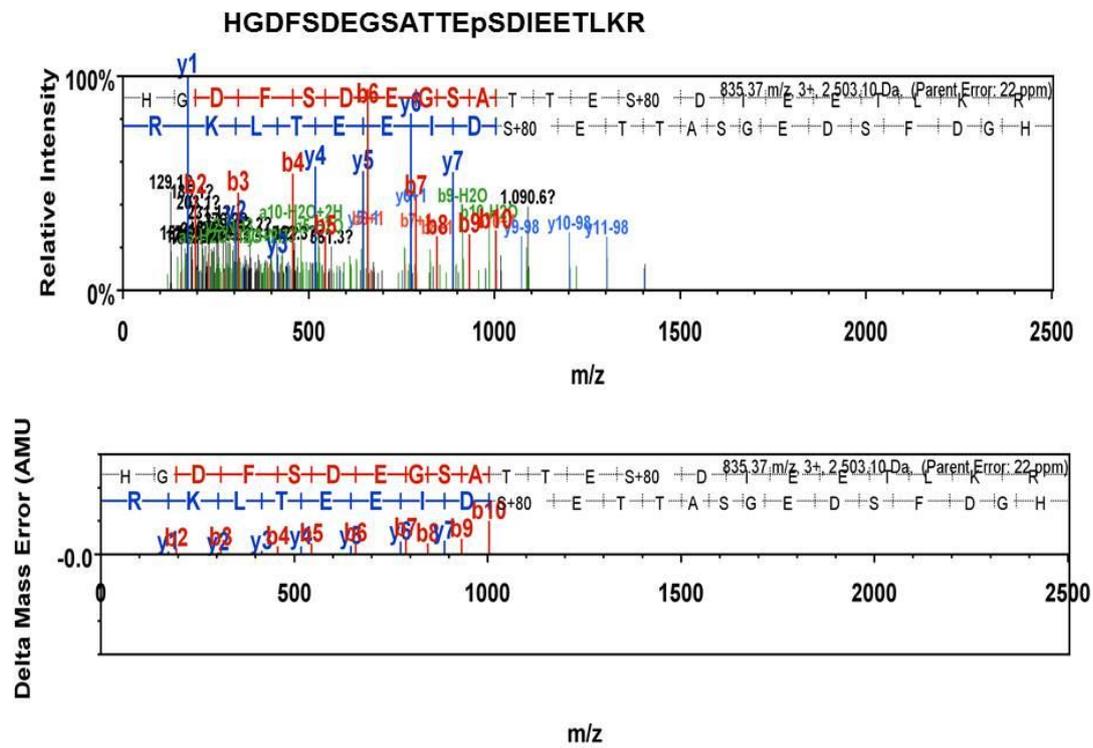
Supplemental Fig. S1K.

MS/MS fragmentation pattern of a phosphopeptide of PDK in Chuwei ecotype. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



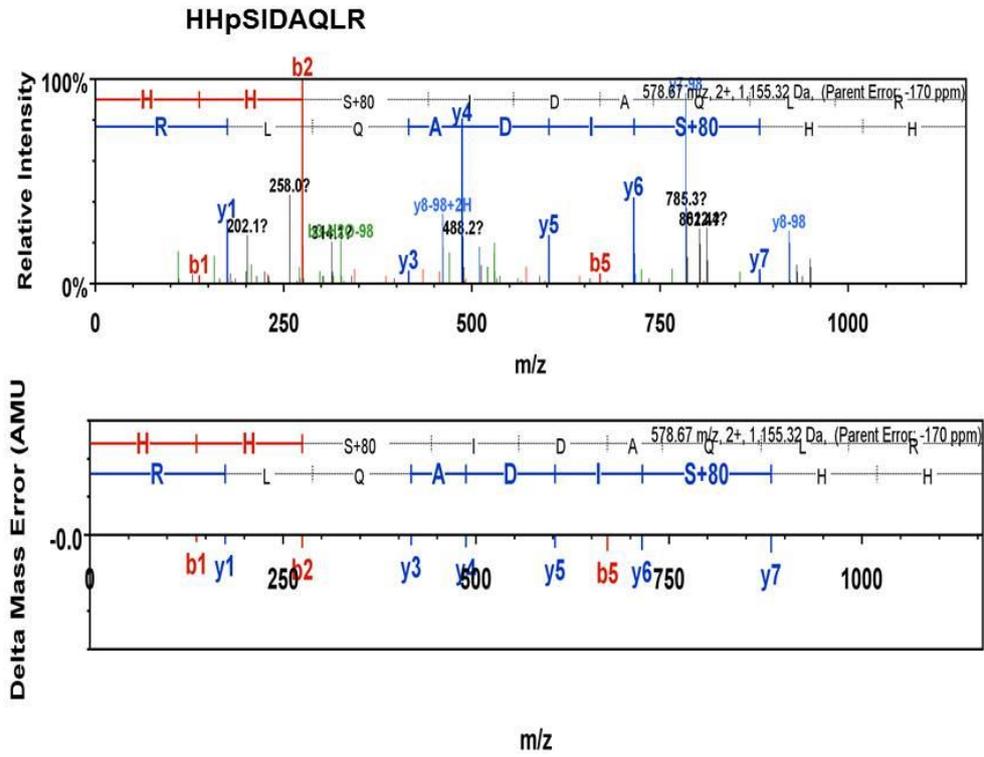
Supplemental Fig. S1L.

MS/MS fragmentation pattern of a phosphopeptide of PIP₂; 7 in Sarlun population. The neutral loss peak is marked in green. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S1M.

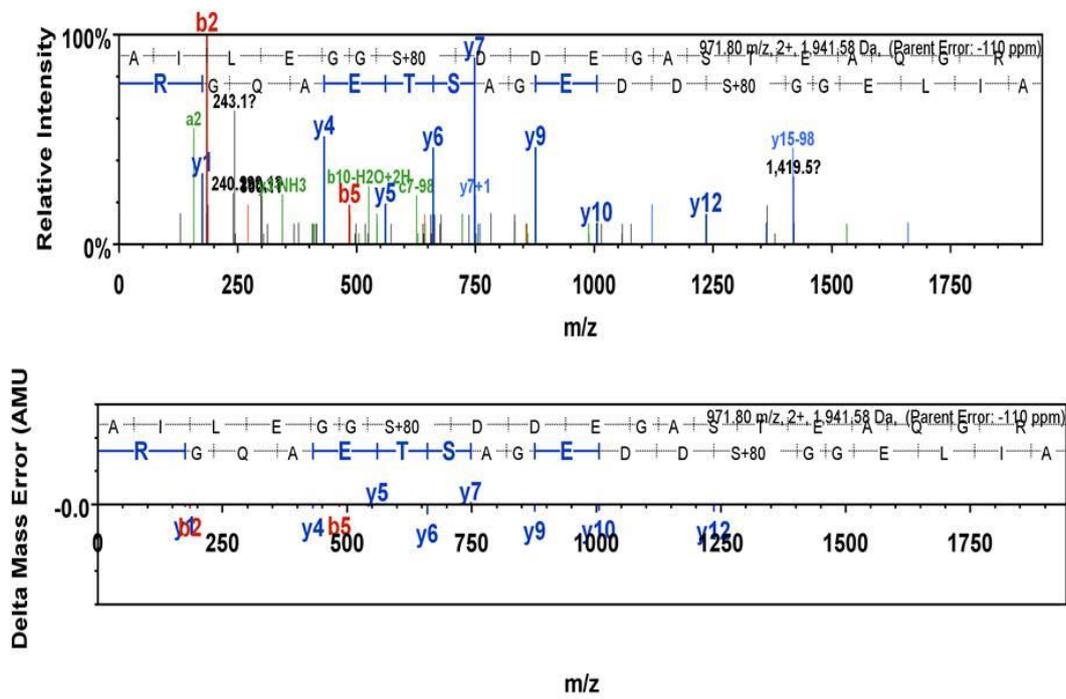
MS/MS fragmentation pattern of a phosphopeptide of PEPcarboxylase 3 in Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).



Supplemental Fig. S1N.

MS/MS fragmentation pattern of a phosphopeptide of PEPcarboxylase 3 in Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).

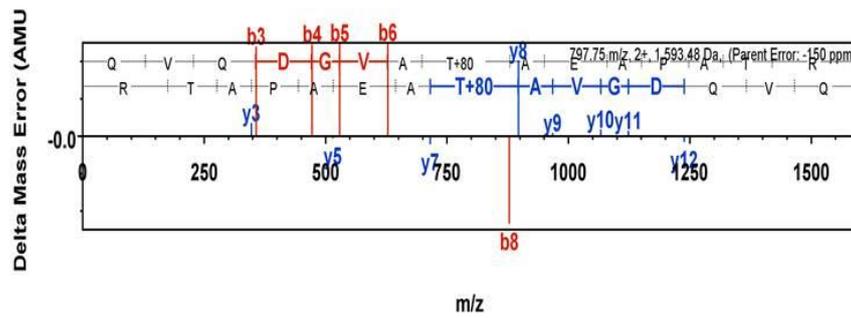
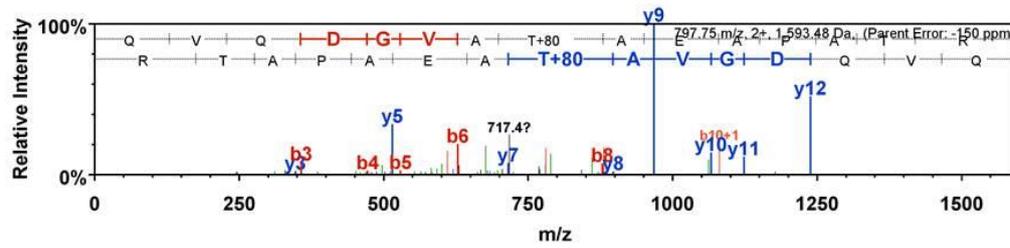
AILEGGpSDDEGASTEAGQR



Supplemental Fig. S10.

MS/MS fragmentation pattern of a phosphopeptide of similar to translational activator in Chuwei ecotype and Sarlun population. The matched daughter ion masses are marked in red (b ions) or blue (y ions).

QVQDGVApTAEAPATR



Supplemental

Fig. S1P.

MS/MS fragmentation pattern of a phosphopeptide of a NADP-malate dehydrogenase in Chuwei ecotype. The matched daughter ion masses are marked in red (b ions) or blue (y ions).