PROTEOMICS

Supporting Information for Proteomics

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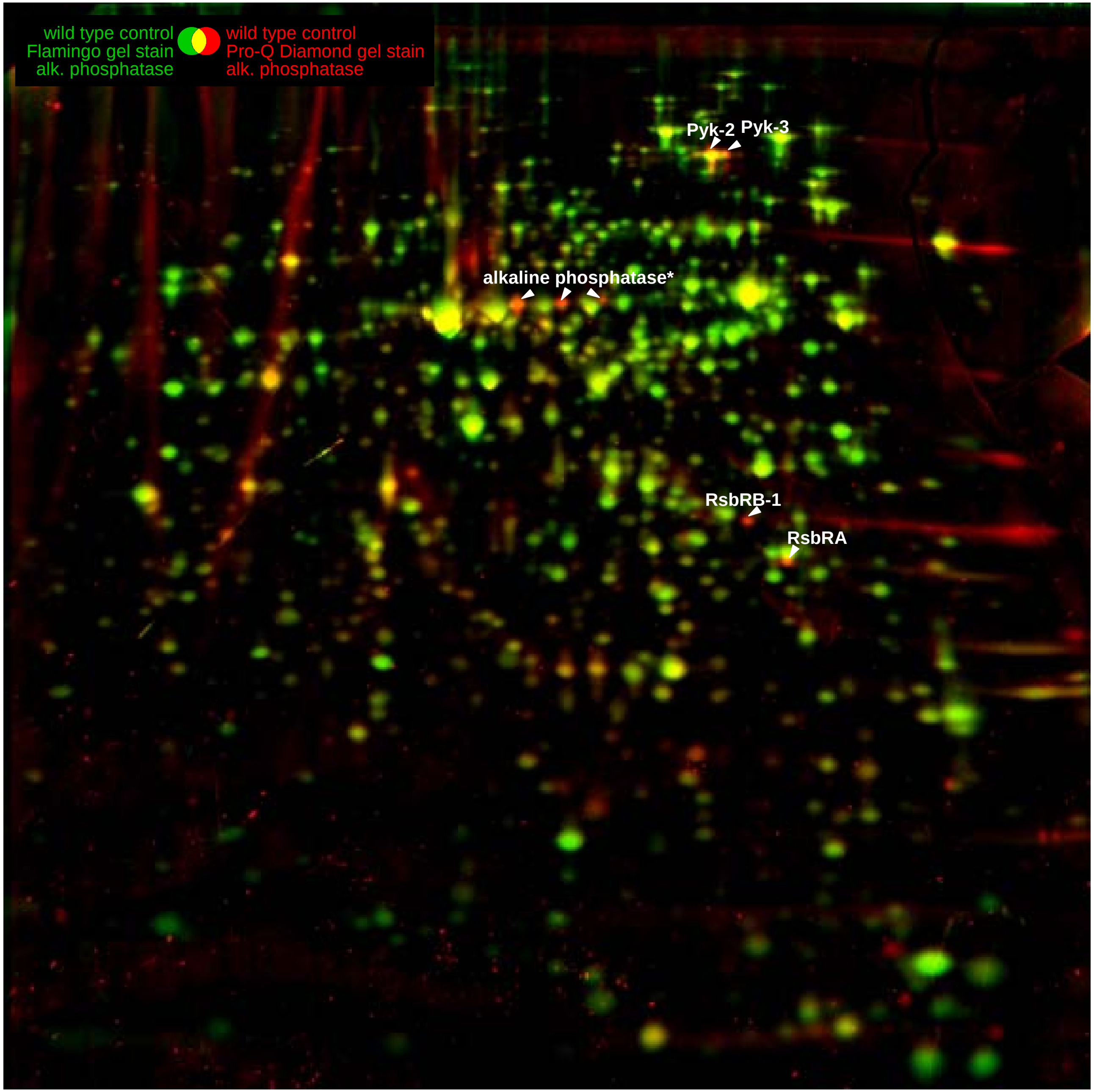
Christine Eymann, Dörte Becher, Jörg Bernhardt, Katrin Gronau,
Anja Klutzny and Michael Hecker

Dynamics of protein phosphorylation on Ser/Thr/Tyr in *Bacillus subtilis*

Figure S1 (supplementary material)



pI 7.0 4.0

Figure S2 (supplementary material)

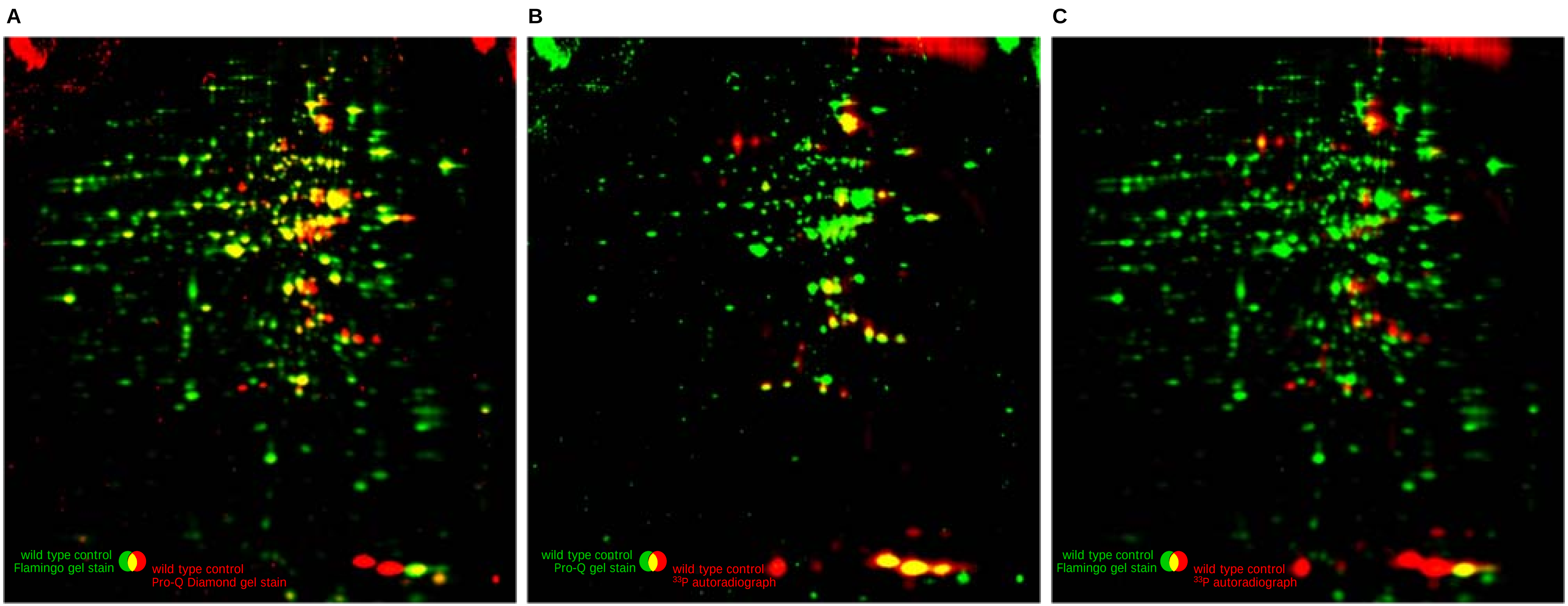


Figure S3 (supplementary material)

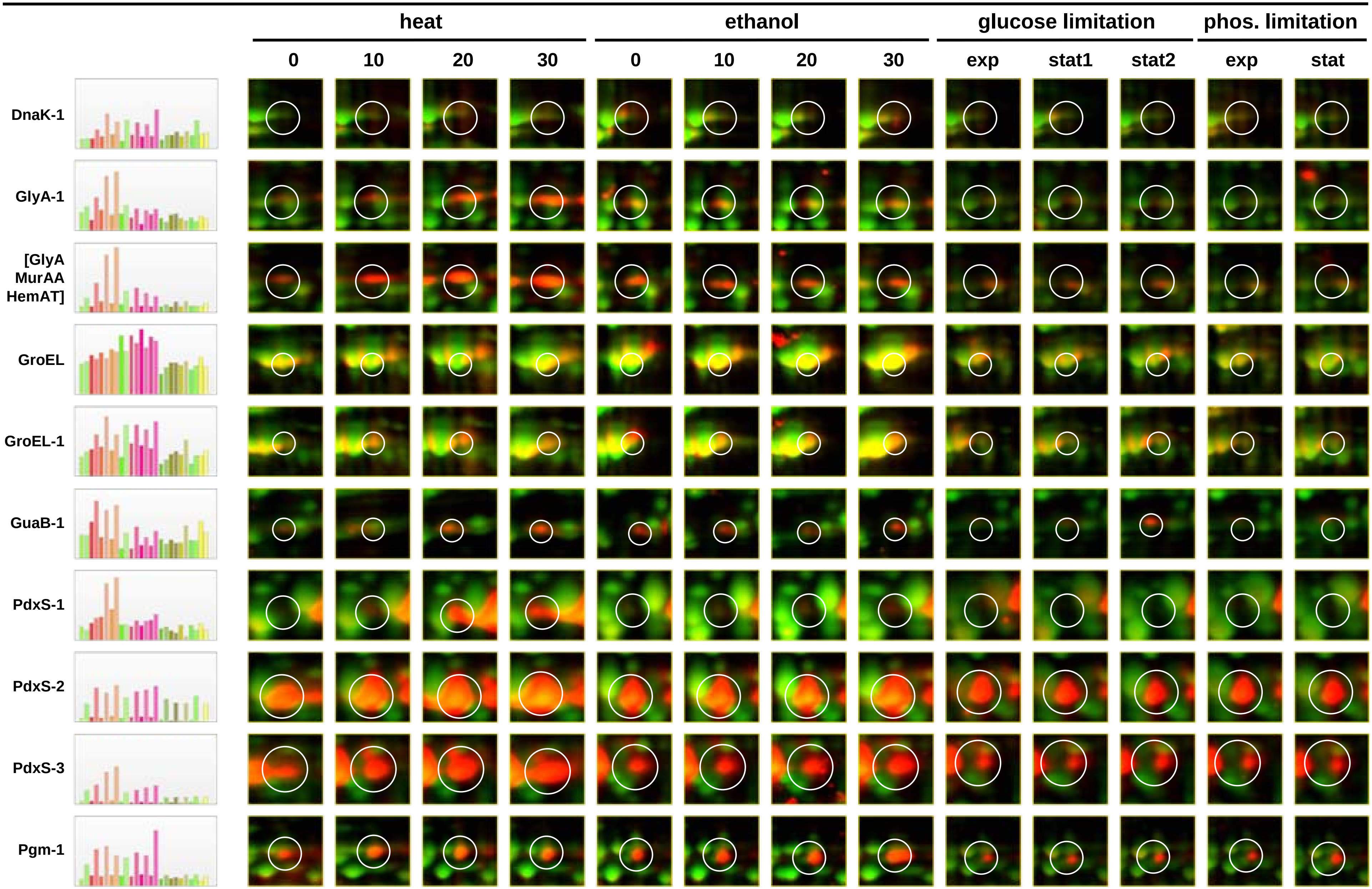
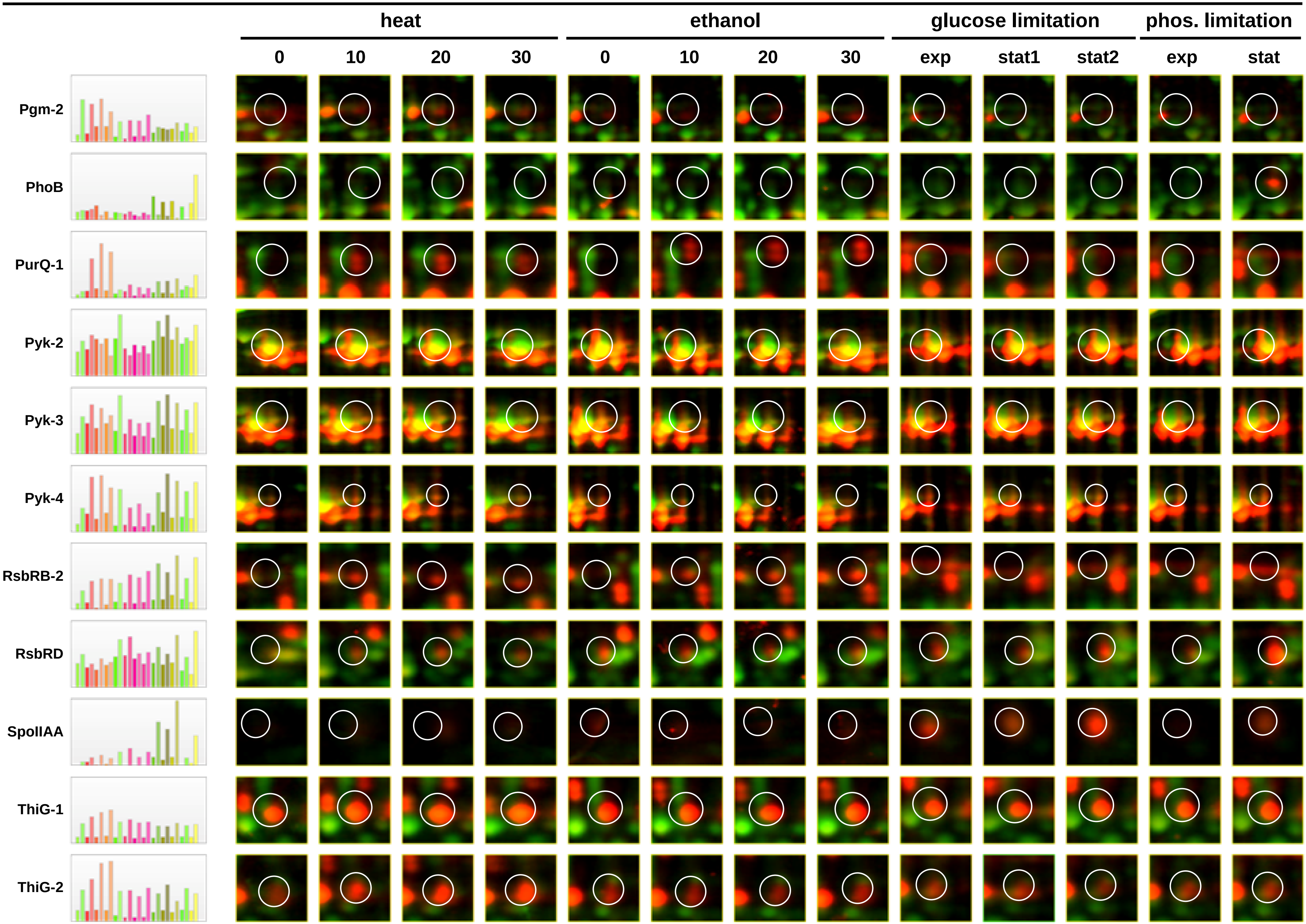


Figure S3 continued (supplementary material)



Supporting Information:

Table 2 (Supporting Information): Detailed MS/MS data of identified proteins.

Figure S1 (Supporting Information): Dual channel image of Flamingo-stained and Pro-Q Diamond-stained proteins of exponentially growing *B. subtilis* cells after treatment with alkaline phosphatase. It was shown that alkaline phosphatase significantly dephosphorylates putative phosphorylated proteins except Pyk, RsbRA, and B.
*Alkaline phosphatase appears on the gel image as indicated.

Figure S2 (Supporting Information): Dual channel images of (A) Flamingo- (green) / Pro-Q Diamond-stained (red), (B) Pro-Q Diamond-stained (green) / [^{33}P]-labelled (red) and (C) Flamingo- (green) / [^{33}P]-labelled (red) proteins of exponentially growing *B. subtilis* cells. All images have been contrast enhanced for better visualization.

Figure S3 (Supporting Information): Sections of dual channel images of Flamingo- (green) and Pro-Q Diamond-stained (red) 2D gels representing selected proteins during different growth phases or stresses. The bars in the charts are grouped according to the following scheme: The columns appear in pairs (1.Flamingo-/2.Pro-Q-signal). The bar pairs form groups starting with the control (green bars) and followed by the corresponding stress / starvation values. Reddish means heat shock, pink means ethanol stress, dark yellow means glucose starvation and saturated yellow means phosphate starvation.