



Figure S6. Changes in relative protein/peptide abundances and phosphorylation levels in LHCSR3 mutant and rescued strains.

For details regarding experimental conditions and quantification see **Fig. 6**. R4, LHCSR3-R4; SA, LHCSR3-S26A/S28A; TA, LHCSR3-T32A/T33A; TE, LHCSR3-T32E/T33E; *, quantified only in samples treated with trypsin; (p), phosphorylated residue.

(A) STT7 **(B)** Photosystem I reaction center subunit II (PSAD) **(C)** Photosystem II D2 protein (PSBD) **(D)** Cytochrome b_6 **(E)** CF1 ATPase beta-subunit (ATPB) **(F)** LHCB5 **(G)** LHCA3 **(H)** Singly LHCB4 peptide FP(p) T_7 PPG T_{11} QK. **(I)** Singly LHCB4 peptide FPT $_7$ PPG(p) T_{11} QK.