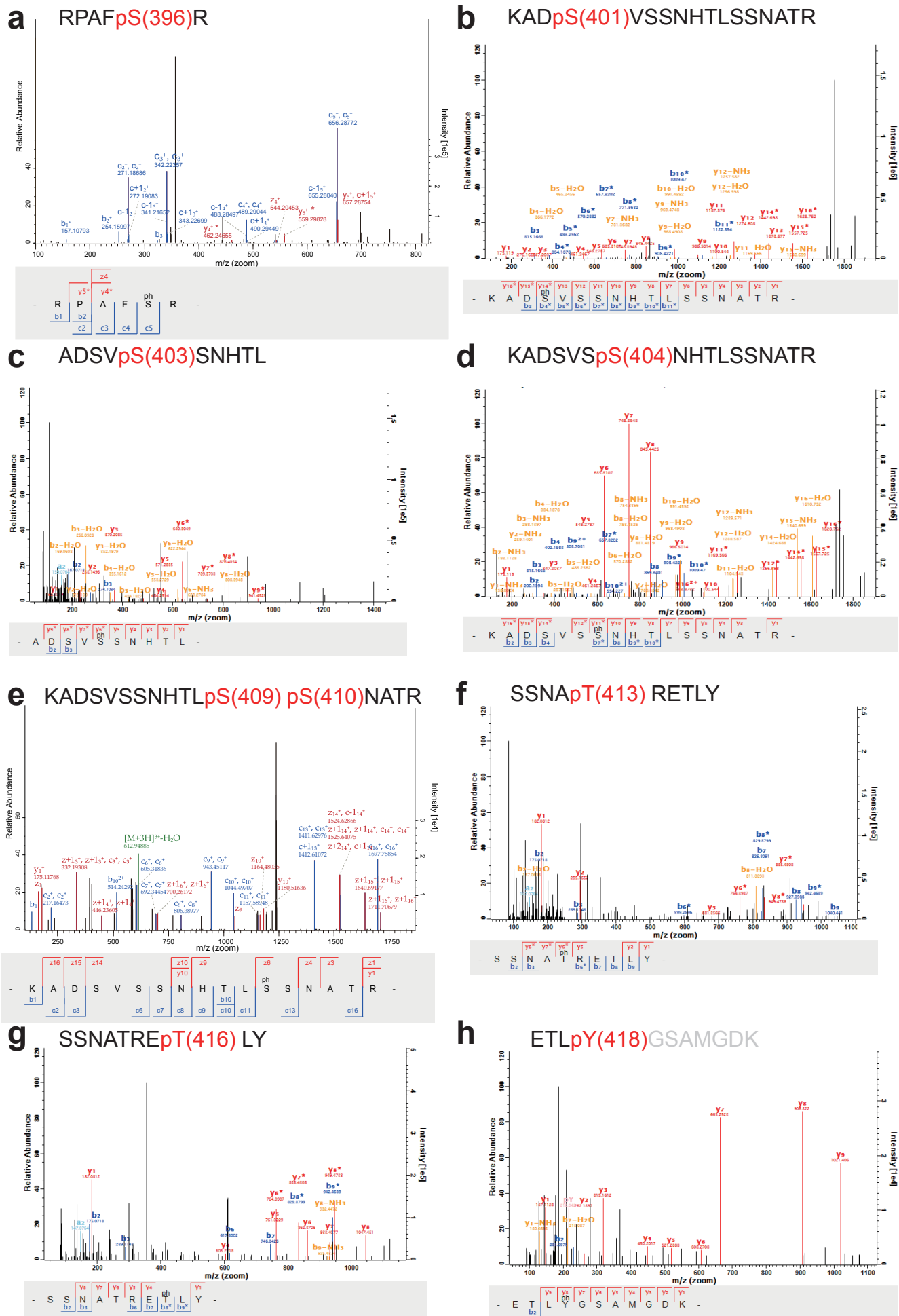


Supplementary information, Fig. S7



Supplementary information, Fig. S7| Liquid Chromatography-Mass Spectrometry analysis of BRIL-NTSR1-Arr2-Fab30 fusion protein expressed in SF9. Mass spectra of the BRIL-NTSR1-Arr2-Fab30 fusion protein indicated that the residues S396 (a), S401 (b), S403 (c), S404 (d), S409 or S410 (e), T413 (f), T416 (g), and Y418 (h) were phosphorylated. a and e are ETHCD fragmentation spectrum of the phosphopeptides of corresponding residues. b, c, d, f, g and h are HCD fragmentation spectra of the phosphopeptides of corresponding residues. 'ph' represents a possible phosphate modification. Grey amino acids in (h) represent the additional coding sequence from plasmid.