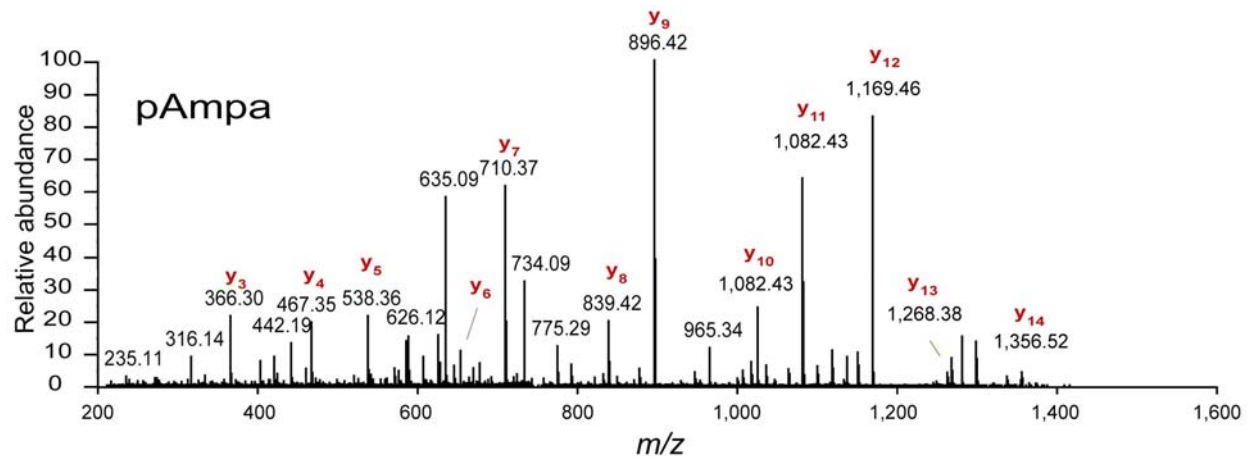


Supplementary Fig. 4



Annotated tandem MS spectra of the peptide FSVSGEGEGDATY*GK from mutant GFP containing pAmpa. Y* denotes pAmpa (p-aminophenylalanine). For clarity only the Y*-ion series is annotated. Most of the pAmpa decayed to pAmpa as the signal strength for the pAmpa peptide is quite weak (**Fig. 4c**) and the detectable mass 1 Da mass difference between fragments of wild type GFP and those of mutant GFP containing pAmpa.