S16 Fig. Hexosylation of the peptide LELAKVILTDLDDGTVK of MARTH_403. Orbitrap MS showing the doubly and triply charged ions. The 81.0277 shift for $z = 2$ between the non-glycosylated and glycosylated peptides equates to a mass shift of 162.0554 Da, which corresponds to the addition of a hexose (162.0528 Da) with a mass accuracy of 0.0026 Da. The 54.0174 shift for $z = 3$ between non-glycosylated and glycosylated forms equates to a mass shift of 162.0522 Da, which is consistent with the addition of a hexose with a mass accuracy of 0.0006 Da. The theoretical and experimental calculated values for $m/z$ are given in bold. The images presented were obtained from an LC peak of MS scans and are expanded to show the charge states of each form.