

**Supporting information Figure 6.** MALDI-TOF-MS spectrometry data of myristoylated MA with C-terminal FLAG:  $Mr_{\text{calc}} = 16271.22$ ,  $Mr_{\text{meas}} = 16271.76$ . Un-myristoylated MA:  $Mr_{\text{calc}} = 16063.04$  was not observed.

