



Supplemental data S1: FT-MS spectrum of a tryptic $^{14}\text{N}/^{15}\text{N}$ -labeled peptide derived from Q42932_NICPL showing the isotopic envelopes. Arrow shows the slight isotopic contamination ($\sim 2\%$) by nitrogen ^{14}N of the isotopic envelope ^{15}N consistent with the manufacturer specifications of the ^{15}N content of the potassium nitrate (99% ^{15}N) and ammonium nitrate (98% ^{15}N).