



**Figure S1. Fragmentation pattern in the mass spectrum of the identified peptide from *C. elegans* is inconsistent with those of the peptides containing misincorporated Leu.** MS/MS spectrum of the identified peptide from the GFP-LacZ proteins expressed in *C. elegans* was compared with those of synthesized peptides (IS) with the sequence SA(G/L)QLWLTIVR. The C-terminal arginine residue of each IS was labeled with a stable isotope ( $\Delta m/z = 10.008269$ ).