**S1 Table. Lipid modifications of the N-terminus of Cp23.**

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| --- | --- | --- |
| **Protein** | **Peptide** | **#Spectra** |
| Cp23 | (2)G{myr}C{cm}SSSKPETK(11) | 16\* |
| (2)G{myr}C{cm}SSS{palm}KPETK(11) | 2 |
| (2)G{myr}C{cm}SS{palm}SKPETK(11) | 2 |
| (2)G{myr}C{cm}SSSK{palm}PETK(11) | 2 |
| (2)G{myr}C{palm}SSSKPETK(11) | 2\* |
| (2)GC{cm}S{palm}SSKPETK(11) | 1 |
| (2)GC{cm}S{palm}S{palm}SKPETK(11) | 2 |

This table shows the number of spectra observed for the different variants of lipopeptides for the protein Cp23. \*Asterisks mark peptides that are likely real, the other peptides could be sample preparation artifacts [56, 57]. {cm} = carbamidomethyl, Δ+57.0214 Da,{myr} = myristate, Δ+210.1983 Da, {palm} = palmitate, Δ+238.2296 Da.