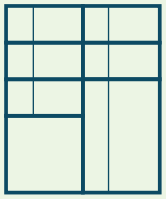
Dos and don'ts
of oligonucleotide analysis

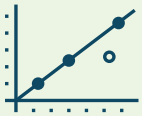
DOS

Do use columns with high pH and high temperature stability

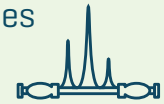
Do dedicate an LC and column for oligo analysis



Do optimize collision energy



Do re-equilibrate columns with at least 5 column volumes



Do adopt a consistent cleaning protocol for your MS and LC to limit adduct formation

Do verify system performance with a system suitability test

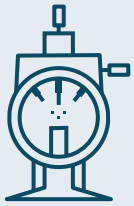
Do monitor spectra for depurination

DON'TS

Don't switch back and forth between oligo and other types of analyses

Don't use low quality reagents

Don't use a high source temperature



Don't use MS scan range below 400 m/z

Don't assume all charge states fragment equivalently

Don't use mobile phase for more than a couple of days

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