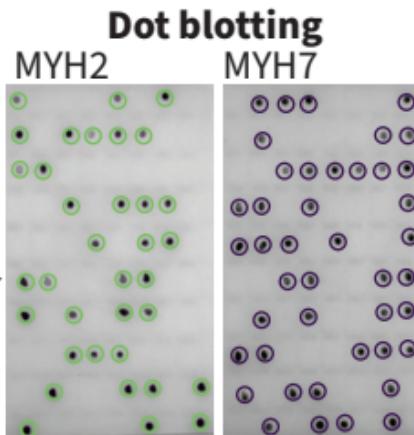




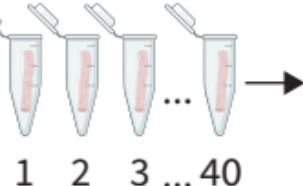
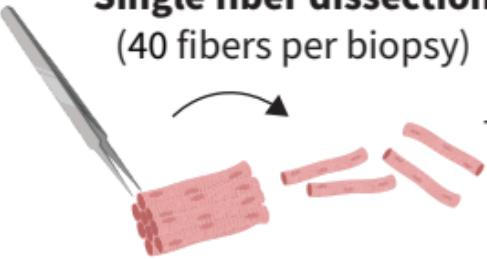
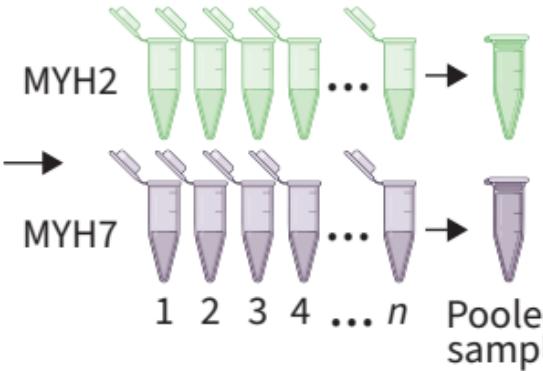
Single fiber dissection
(40 fibers per biopsy)

Lysis

1 2 3 ... 40



Pooling of lysates
(21 ± 6 (MYH2) and 16 ± 6 (MYH7))



Over night digestion
(Trypsin, LysC)

MYH2
Pooled samples



Peptide desalting
(Stage tip, Evotip)



LC/MS-MS
(DIA, TimsTOF)



Data processing and
bioinformatic analysis



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