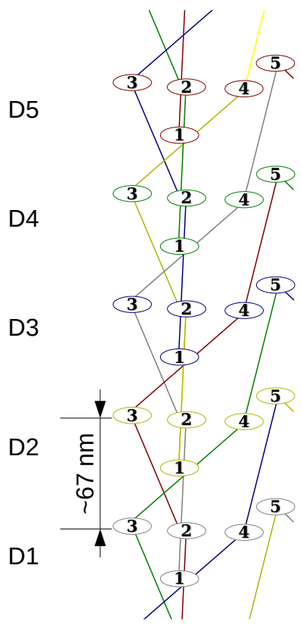
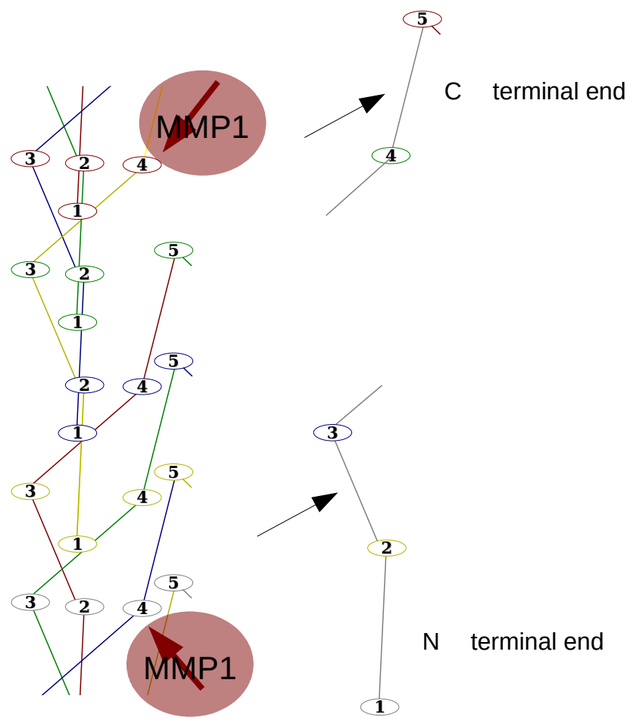


A



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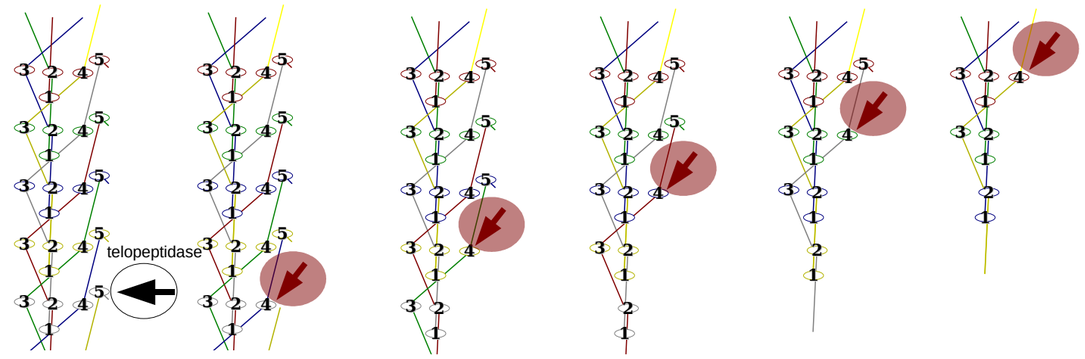
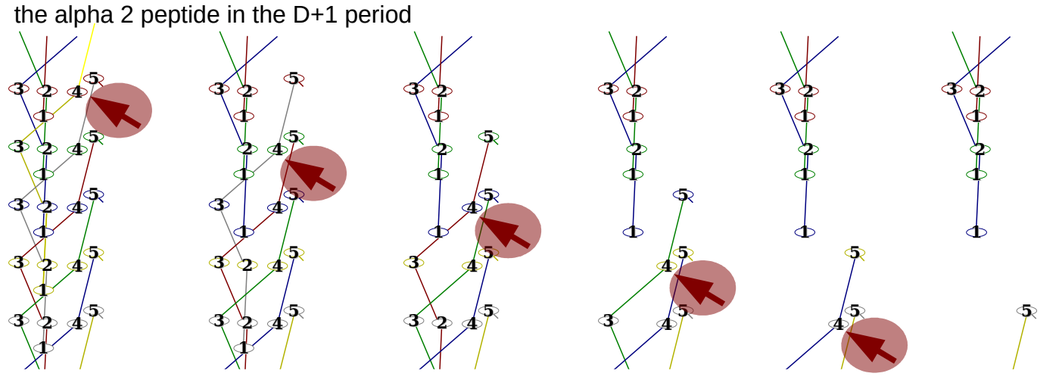


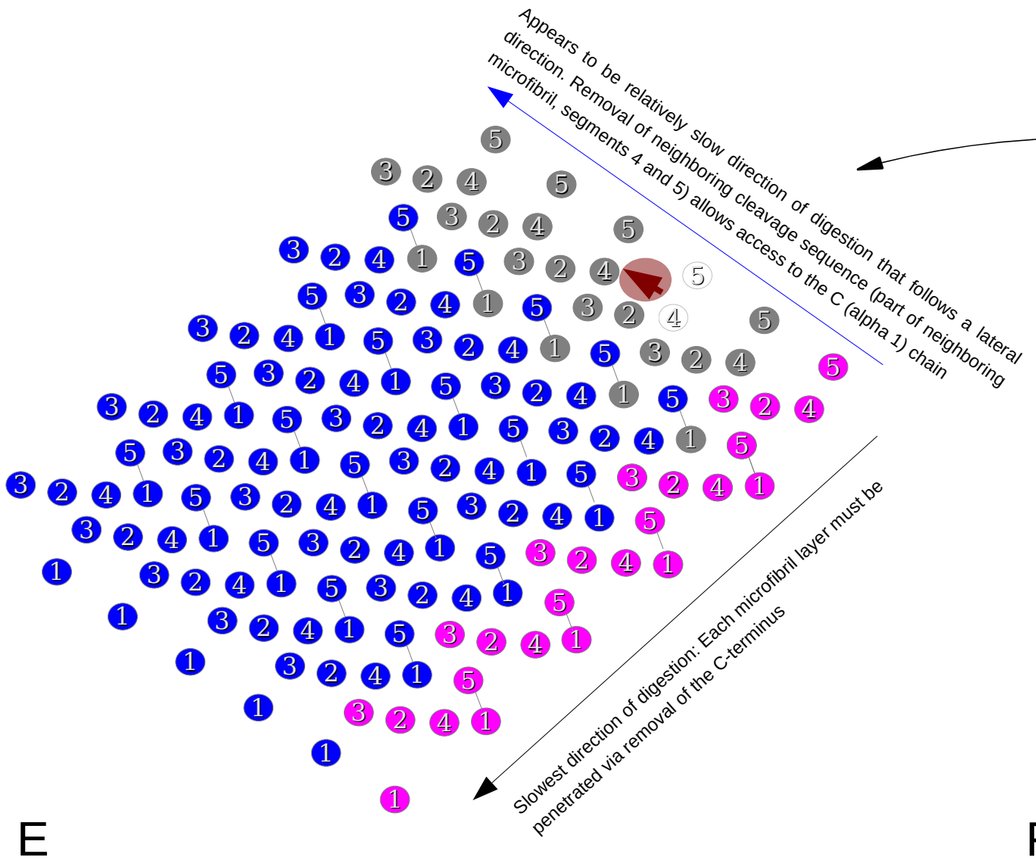
C

Initialization requires the removal of the C-telopeptide (contained in segment 5) via a telopeptidase that could be MMP1, followed by rapid cleavage in the C-terminal direction due to accessibility of the alpha 2 peptide in the D+1 period

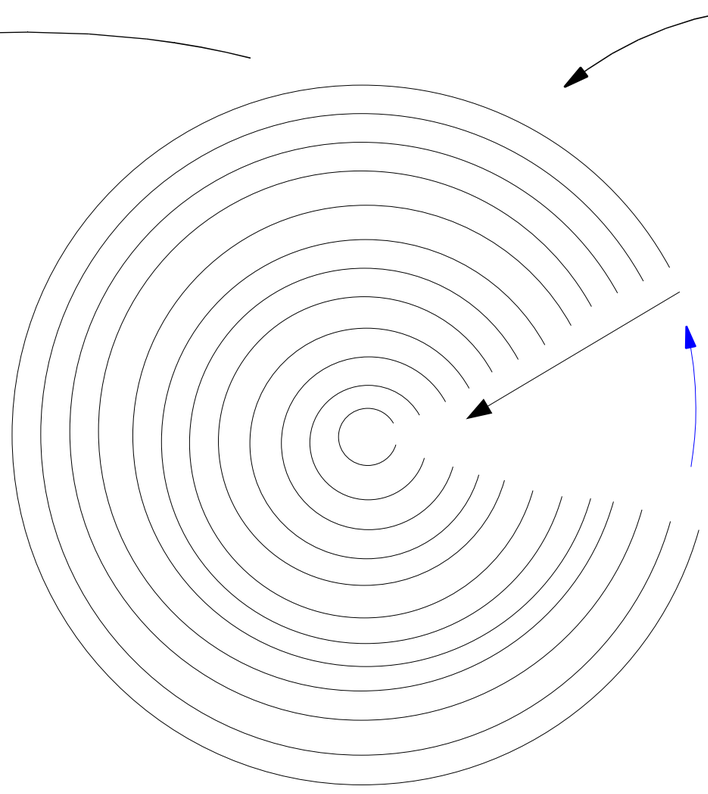


D

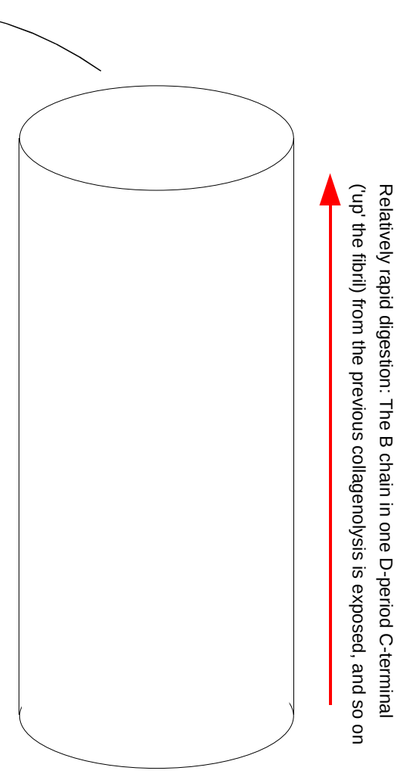
Possible N-C terminal digestion after the N-C terminal cleavages have 'loosened' the matrix by making a prior pass of a neighboring microfibril (see clear section of E), but slow due to presence of C-telopeptide and therefore the inaccessibility of alpha 2 peptide



E



F



G