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SUPPLEMENTARY MATERIAL

The two isoforms of Lyn display different intramolecular fuzzy complexes with the SH3 domain

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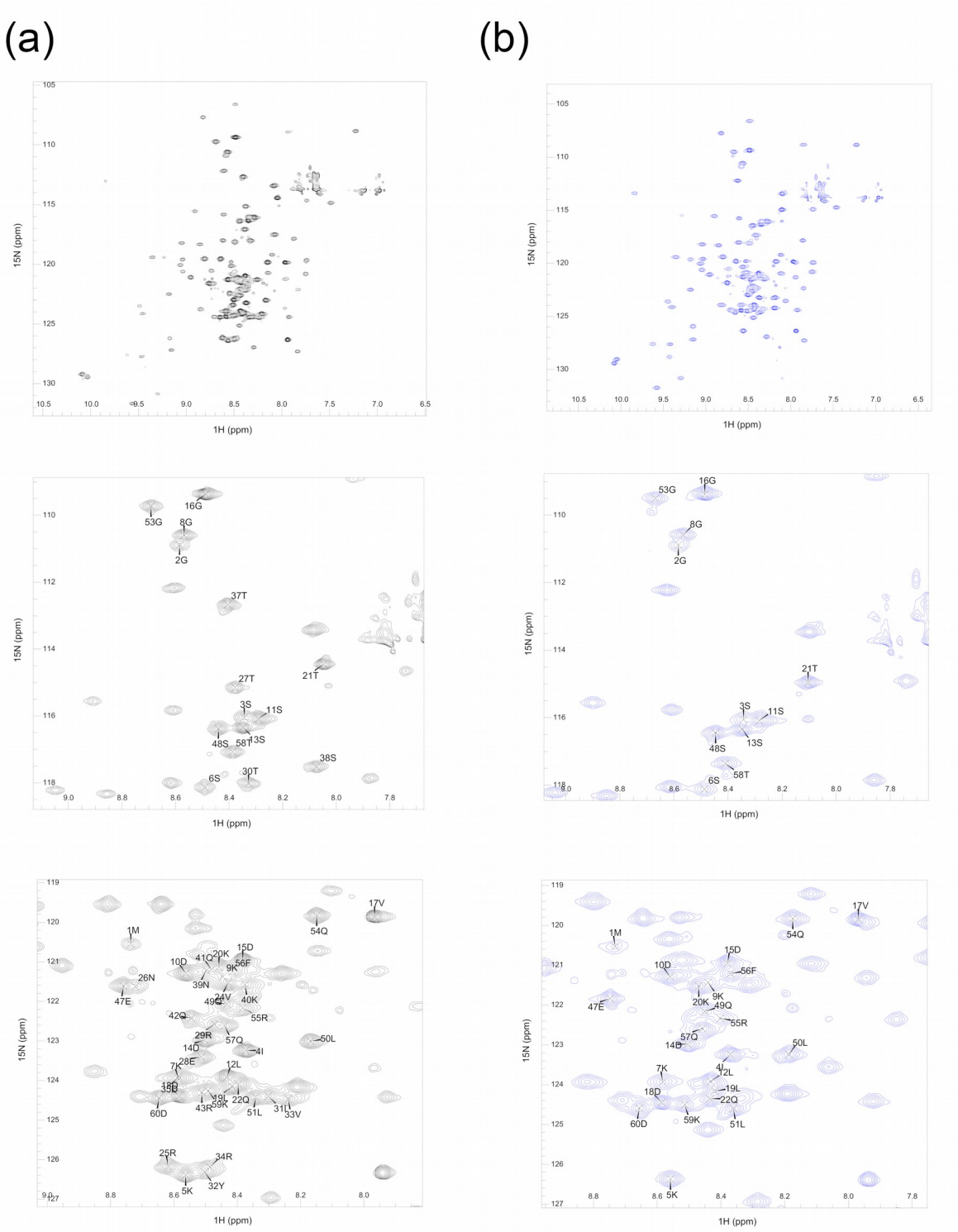
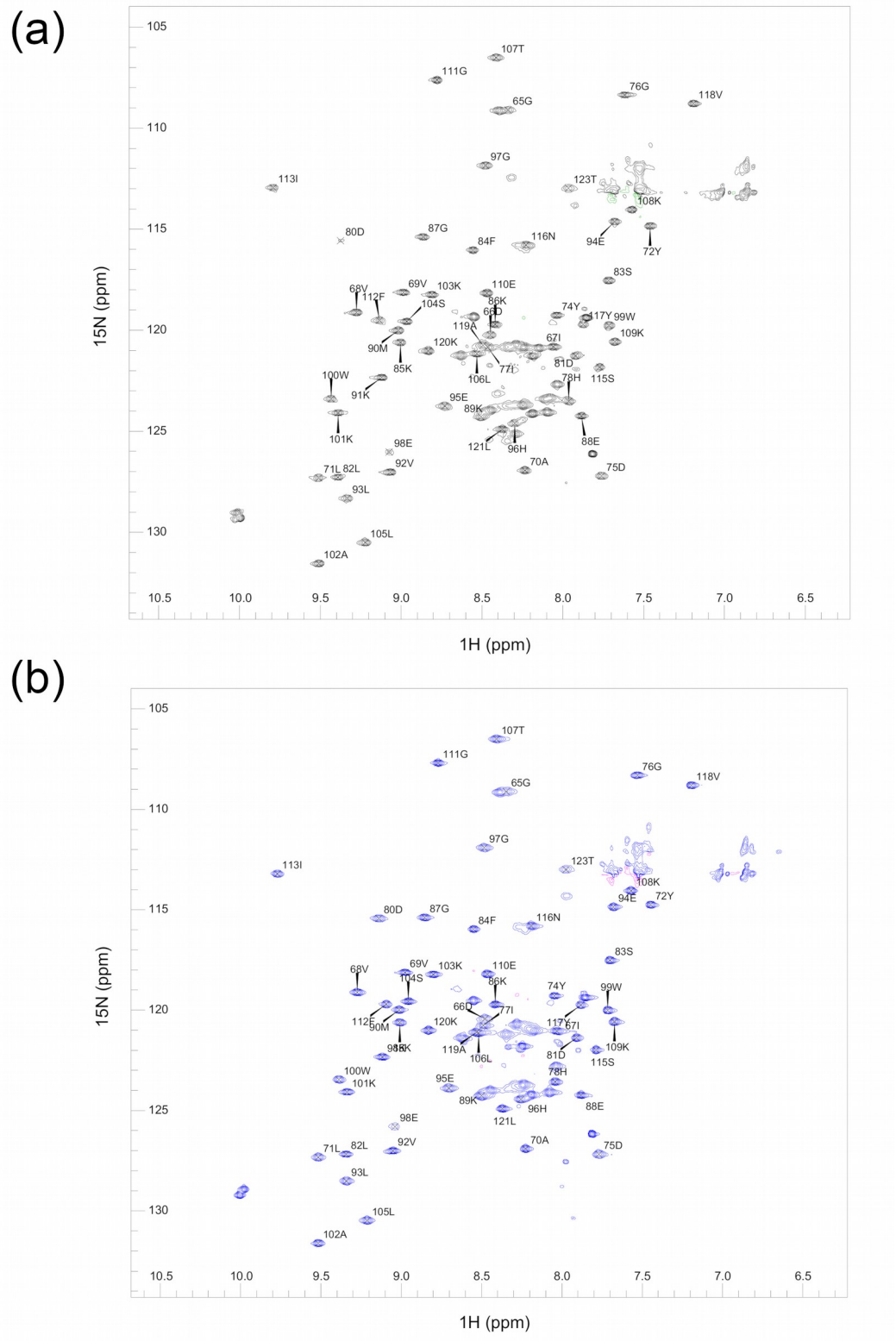
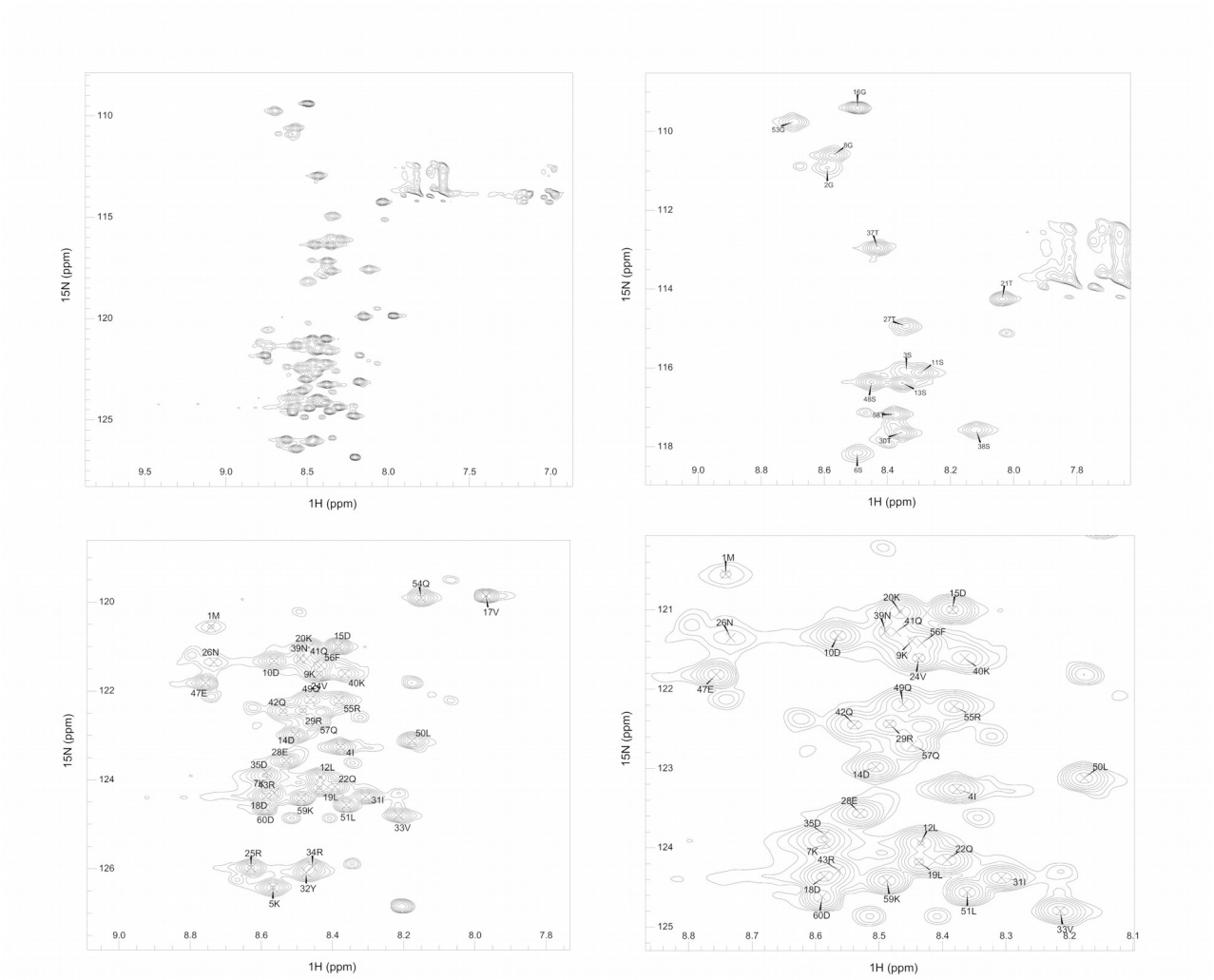
SUPPLEMENTARY MATERIAL



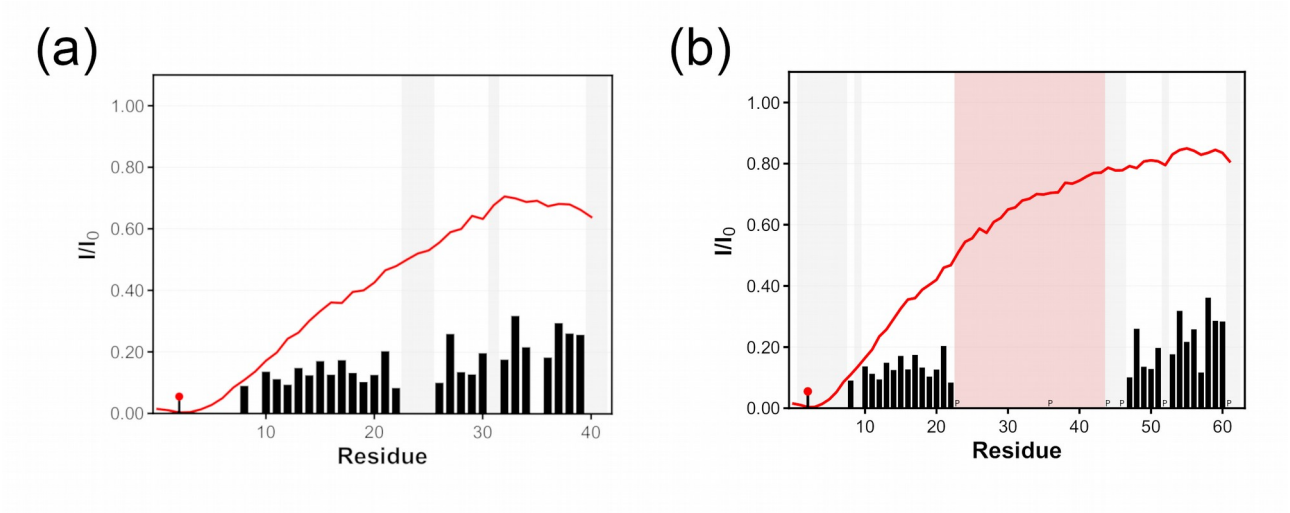
Supplementary Figure 1: ^{1}H-^{15}N BEST-TROSY NMR experiments of **(a)** LynA USH3 and **(b)** LynB USH3; at 278K. Zoomed regions aid on the visualization of the peak assignment labels, only residues from SH4-Unique domain are labelled.



Supplementary Figure 2: ^{1}H-^{15}N BEST-TROSY NMR experiments of **(a)** LynA USH3 and **(b)** LynB USH3; at 298K. Only residues of the SH3 domain are labelled.



Supplementary Figure 3: ^{1}H-^{15}N BEST-TROSY NMR experiments of Lyn A SH4-Unque Domain isolated construct at 278K. Consecutive zooms amplify the details in the spectra; peaks are labeled according to the obtained assigned.



Supplementary Figure 4: PRE effects observed within the Lyn SH4-Unique domains for the USH3 construct. **(a)** for LynB with representation of the theoretical PRE profile considering a random coil model. **(b)** for LynB but with the residue numeration equal to LynA – red shade denotes the residues missing in LynB with respecto to LynA; the red line denotes the theoretical PRE profile as calculated for LynA considering a random coil model.