

Structures of intermediates during RES complex assembly

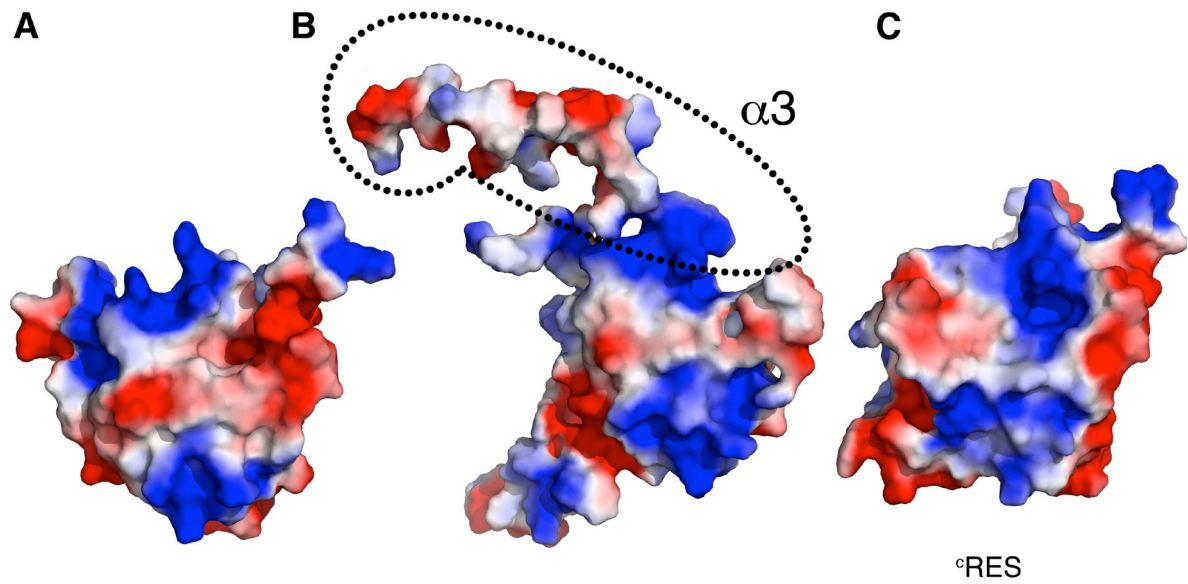
Piotr Wysoczanski¹, Stefan Becker¹ and Markus Zweckstetter^{1,2,3,*}

¹ Department for NMR-based Structural Biology, Max Planck Institute for Biophysical Chemistry, Am Fassberg 11, 37077 Göttingen, Germany.

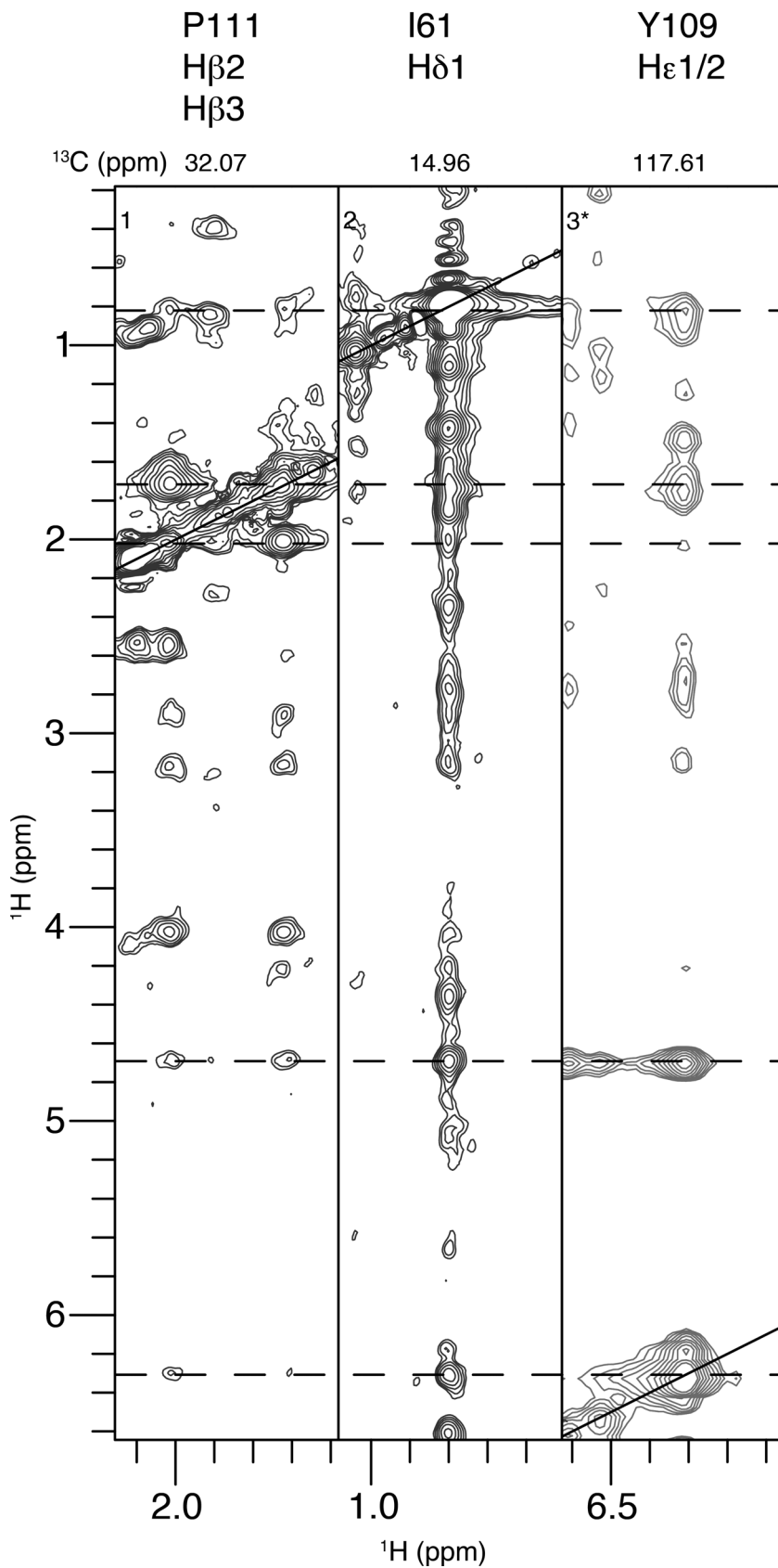
² German Center for Neurodegenerative Diseases (DZNE), 37077 Göttingen, Germany.

³ Center for Nanoscale Microscopy and Molecular Physiology of the Brain, University Medical Center, 37073 Göttingen, Germany.

* To whom correspondence should be addressed. Tel: ++49 551 201 2220; Fax: ++49 551 201 2202; Email: Markus.Zweckstetter@dzne.de.



Supplementary Figure 1: Electrostatics of the $^{\circ}\text{Pml1p}$ - $^{\circ}\text{Snu17p}$ dimer (A), the $^{\text{hc}}\text{Bud13p}$ - $^{\circ}\text{Snu17p}$ dimer (B) and the $^{\circ}\text{RES}$ trimer (C). The C-terminal region of $^{\circ}\text{Snu17p}$, which forms an α -helix in the $^{\circ}\text{Pml1p}$ - $^{\circ}\text{Snu17p}$ dimer and the $^{\circ}\text{RES}$ trimer, but is largely disordered in the $^{\text{hc}}\text{Bud13p}$ - $^{\circ}\text{Snu17p}$ dimer, is encircled.



Supplementary Figure 2: Common NOEs between Y109, P111 and I61 of $^{\text{c}}\text{Snu17p}$. NOEs are indicated with dashed lines.