

## SUPPORTING INFORMATION FOR:

**<sup>1</sup>H, <sup>13</sup>C and <sup>15</sup>N resonance assignments for the acetyltransferase domain of the kinetoplastid kinetochore protein KKT23 from *Trypanosoma brucei***

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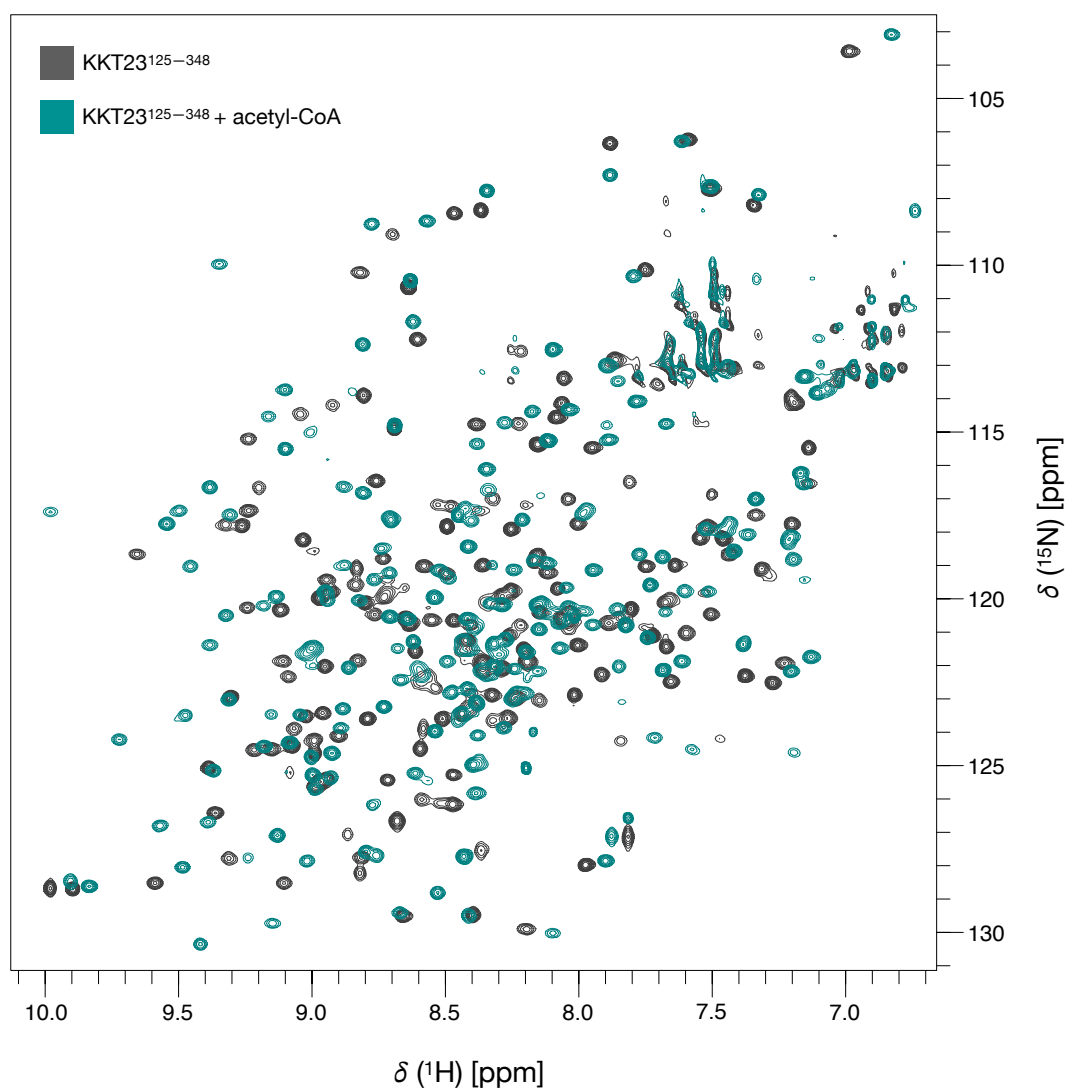
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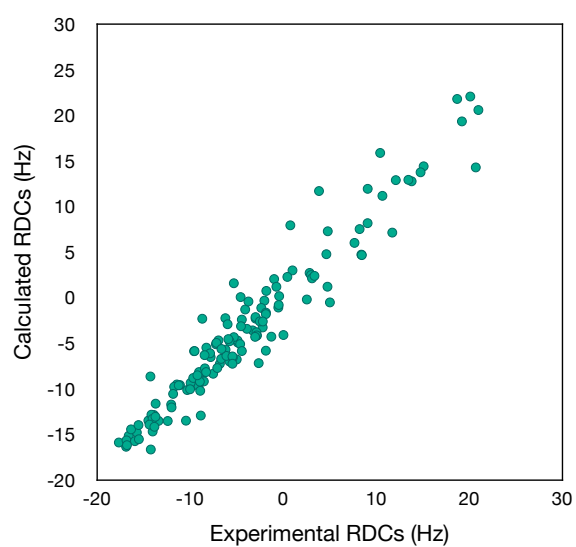
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### Supporting Figure 1

Overlay of 750 MHz  $^1\text{H}$ - $^{15}\text{N}$  BEST-TROSY spectra of apo-KKT23<sup>125–238</sup> (grey) and KKT23<sup>125–238</sup> bound to acetyl-CoA (teal). Some peaks in the region of 111–114 ppm and upfield of ~7.7 ppm are artefacts in the BEST-TROSY arising from incomplete cancellation of signals from the side chain amides of Asn and Gln.



### Supporting Figure 2

Plot of the experimental RDCs versus the calculated RDCs. The good agreement between experimental and calculated RDCs is shown by the Q value of 0.24.