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Supporting information for article:

**The identification and structural analysis of potential 14-3-3
interaction sites on the bone regulator protein Schnurri-3**

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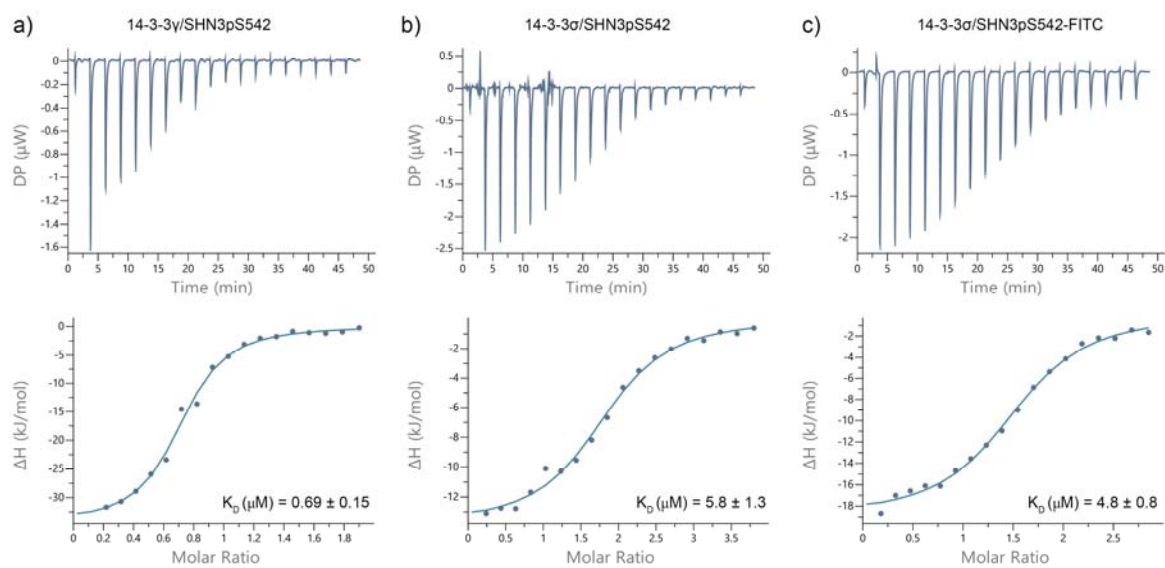


Figure S1 Isothermal Titration Calorimetry assays of 14-3-3 proteins with SHN3pS542. a) SHN3pS542 peptide titrated over 14-3-3 γ . b) SHN3pS542 peptide titrated over 14-3-3 σ under reducing conditions. c) SHN3pS542-FITC peptide titrated over 14-3-3 σ under reducing conditions.

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... -38- ...  
P31947|σ --MERASLIQKAKLAEQAERYEDMAAFMKGAVEKGEELSCEERNLLSVAYKNVVGQRAA ... 58  
P61981|γ -MVDREQLVQKARLAEQAERYDDMAAAMKNVTELNEPLSNEERNLLSVAYKNVVGARRSS ... 59  
Q04917|η -MGDREQLLQKARLAEQAERYDDMASAMKAVTELNEPLSNEDRNLLSVAYKNVVGARRSS ... 59  
P31946|β MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSS ... 60  
P27348|τ --MEKTELIQKAKLAEQAERYDDMATCMKAVTEQGAELSNEERNLLSVAYKNVVGRRSA ... 58  
P62258|ε -MDDREDLVYQAKLAEQAERYDEMVESMKKVAGMDVELTVEERNLLSVAYKNVIGARRAS ... 59  
P63104|ζ --MDKNELVQKAKLAEQAERYDDMAACMKS VTEQGAELSNEERNLLSVAYKNVVGARRSS ... 58
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Figure S2 Alignment of the initial portion of the sequence of all 14-3-3 isoforms up to the first 58/59/60 residues. Homologues residues are highlighted in green and the Cys38 present only in the 14-3-3 σ isoform is highlighted in yellow.