

Article title: “On the role of residue phosphorylation in 14-3-3 partners: AANAT as a case study”

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Supplementary information

Legend

Results of the three independent simulations of full molecular dynamics process from initial structures, through pseudo-native to native complex.

a) Glu87 and Arg89 distance to groups 1 and 2 in 14-3-3 $\zeta$  (see the methods section).

The asterisk means simulation was performed with Thr31 in AANAT in its phosphorylated state

b) Normalized solvent accessible surface area (SASA) of the full protein-protein complex.

c) RMSD C $\alpha$  to native structure. Sections marked as I, II or III in the plots correspond to first harmonic potential applied (I), free simulation (II) and second harmonic potential applied (III)





