

## Letter to the Editor

### Backbone $^1\text{H}$ , $^{13}\text{C}$ , and $^{15}\text{N}$ resonance assignments of the N-terminal domain of FKBP38 (FKBP38NTD)

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FK-506 binding protein 38 (FKBP38) interacts with Bcl-2/Bcl-Xl and helps them localize at the mitochondrial membrane (Shirane and Nakayama, 2003). The down-regulation of FKBP38 was shown to influence on the stability of Bcl-2 and consequently induce apoptotic cell death (Kang et al., 2005). FKBP38 is a unique protein among the FKBP family members. Unlike other members in the FKBP family, FKBP38 appears to have no FK-506 binding activity (Shirane and Nakayama, 2003). Thus, to understand the function of FKBP38 at molecular level, as the first step, we performed a NMR study on FKBP38, and here we report the NMR resonance assignments of the N-terminal domain of FKBP38, which includes the FK-506 binding domain and the flanking N-terminal residues. Nearly all of the backbone  $^1\text{H}$ ,  $^{13}\text{C}$ , and  $^{15}\text{N}$  resonances were assigned ( $\sim 99\%$ ). Assignments of the side chain atoms beyond  $\text{C}^\beta$  atoms are about 80% complete. The assignments have been deposited with BMRB accession number 6923.

References: Shirane and Nakayama (2003) *Nat. Cell Biol.*, **5**, 28–37; Kang et al. (2005) *Biochem. Biophys. Res. Commun.*, **337**, 30–38.

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