

binding buffer solution at a concentration 20-fold above the  $K_d$ . Protein was titrated into the RNA solution until polarization values leveled off, and polarization values were plotted as a function of the concentration ratio of Tex protein versus RNA substrate. The Tex/RNA ratio where an inflection in the data occurs represents the binding stoichiometry, as this is the point where Tex has been saturated by RNA and polarization values change modestly as protein concentration is increased.

### PDB accession numbers

Coordinates and structure factors for Tex crystal form I and crystal form II have been deposited in the PDB with accession numbers 3BZC and 3BZK, respectively.

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### Supplementary Data

Supplementary data associated with this article can be found, in the online version, at [doi:10.1016/j.jmb.2008.01.096](https://doi.org/10.1016/j.jmb.2008.01.096)

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