Single VS ribozyme molecules reveal dynamic and hierarchical folding toward catalysis

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Figure S1: Raw fluorescence and FRET signals of a misfolded wild-type VS ribozyme molecule; the catalytically competent H state of FRET $\approx 0.76$ is never occupied. 10% of all WT time traces show this behavior, at least partially explaining the typically $\sim30\%$ of inactive ribozyme in our ensemble cleavage assays (Fig. 1c).