Supporting Information for:

Challenge of mimicking the influences of the cellular environment on RNA structure by PEG-induced macromolecular crowding

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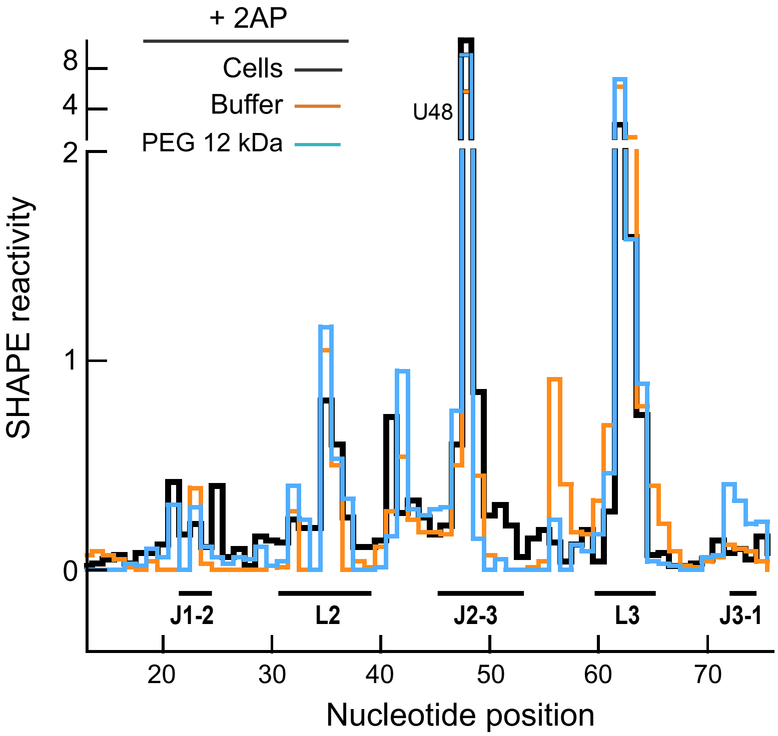

Figure S1. SHAPE reactivity profiles of the 2AP-bound *ade* aptamer RNA in cells, buffer, and 12000 Da PEG. The complete data are available in supporting Tables S1 and S2.

Table S1. SHAPE reactivities for the ligand-free aptamer. Included are data for in-cell, dilute solution, and as a function of PEG cosolvent. Values report the mean of two independent replicates; typical variation in reactivities between repeated experiments was ±10% or less.

Table S2. SHAPE reactivities for the ligand-bound aptamer, reported as described for Table S1.