SUPPLEMENTARY ONLINE DATA
Crystal structure and functional characterization of the human RBM25 PWI domain and its flanking basic region

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Figure S1  Overall alignment of the backbones of the five molecules
(A) The superimposition was generalized by PyMOL software (http://www.pymol.org/). (B) The pairwise rmsd values are indicated.

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Figure S2  The PWI domain and its mutants interact with nucleic acids

(A) FPAs of the PWI domain and its mutants K744A, H737A + K739A, K734A + R735A + K736A and ΔHb interacting with 5′ FAM-labelled dsDNA. (B) FPAs of the PWI domain and the double mutants K777 + K778, R769A + R770A, K825A + R828A and K837A + K838A interacting with 5′ FAM-labelled dsDNA. (C) FPAs of the PWI domain and the single mutants K749A, R772A, K797A and K843A interacting with 5′ FAM-labelled ssRNA. (D) FPAs of the PWI domain and the single mutants K749A, R772A, K797A and K843A interacting with 5′ FAM-labelled dsDNA.

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