

Superposition of SETD3 molecules. (A) Superposition of four SETD3 molecules bound to methylated  $\beta$ -actin in the same asymmetric unit, with the four molecules shown in red, green, blue and yellow ribbon, respectively. His73me of  $\beta$ -actin and AdoHcy are shown in sticks. (B) Superposition of two molecules of SETD3 bound to unmodified  $\beta$ -actin in the same asymmetric unit, with the two molecules shown in red and green ribbon, respectively. His73 of  $\beta$ -actin and AdoHcy are shown in sticks.