

Supplemental Table S2. Sequencing statistics for small RNAs produced by recombinant Dicer-2 proteins in test tube.

Dicer-2 proteins	Total reads	104 bp dsRNA mapping reads (18-30 nt)	104 bp dsRNA mapping reads (18 nt)	104 bp dsRNA mapping reads (19 nt)	104 bp dsRNA mapping reads (20 nt)	104 bp dsRNA mapping reads (21 nt)	104 bp dsRNA mapping reads (22 nt)	104 bp dsRNA mapping reads (23 nt)	104 bp dsRNA mapping reads (24 nt)	104 bp dsRNA mapping reads (25 nt)	104 bp dsRNA mapping reads (26 nt)	104 bp dsRNA mapping reads (27 nt)	104 bp dsRNA mapping reads (28 nt)	104 bp dsRNA mapping reads (29 nt)	104 bp dsRNA mapping reads (30 nt)	Study
ΔHelicase	16,913,065	9,320,934	1,470,992	813,344	1,182,623	5,114,384	609,218	83,040	25,595	6,776	3,638	2,510	3,374	2,989	2,451	This study.
ΔCdsRBD	18,684,787	14,311,557	1,472,267	752,934	1,213,229	8,300,164	2,154,920	240,626	52,234	32,228	25,041	17,727	17,867	20,083	12,237	This study.
Wild-type	16,469,750	13,780,908	638,794	574,670	971,076	10,442,217	831,088	97,147	48,672	42,131	38,709	30,778	25,692	23,328	16,606	Kandasamy and Fukunaga (2016).
Phosphate-pocket mutant (H743A,R752A,R759A,R943A,R956A)	19,327,744	13,286,799	1,058,044	1,103,229	2,503,449	7,269,774	979,978	139,941	64,090	54,724	40,296	26,814	18,132	15,116	13,212	Kandasamy and Fukunaga (2016).