

Supplementary Information

Type III CRISPR-Cas complexes act as protein-assisted ribozymes during target RNA cleavage

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Supplementary Table 1: Plasmids used in this study.

Plasmid	Description	Reference
pACYCDuet-1	Two T7/LacO promoters with P15A replicon, Cm ^R	Novagen
pPF2434	N-His ₆ -tagged Cas10, Cas7-5-11, Cas7_2x, Csx19 and Cas7-insert, pRSF-1b	This study
pPF2441	Spacer1 of Synechocystis type III-Dv CRISPR array, pACYCDuet-1	This study
pPF2442	Plasmid pPF2441 with Cas6-2a	This study
pPF3085	Modified pPF2434 with Cas7_2x(D29A,D31A, D33A)	This study
pPF3086	Modified pPF2434 with Cas7_2x(D241A,D246A)	This study
pPF3089	Modified pPF2434 without Csx19	This study
pPF3205	Modified pPF2434 with Cas7-5-11(D26A)	This study
pPF3436	Modified pPF2434 with Cas10(H487A)	This study
pPF3519	Modified pPF2434 with Cas10(R490A)	This study
pPF3521	Modified pPF2434 with Cas7-5-11(D678A)	This study
pPF3522	Modified pPF2434 with Cas7-5-11(D769A)	This study
pPF3636	Modified pPF2434 with Cas10(H487A,R490A)	This study
pRSF-1b	T7/LacO promoter with RSF1030-derived replicon, Km ^R	Novagen