



E Kinetic parameters of dsRNA cleavage

Kinetic parameters	BLT dsRNA	3'ovr dsRNA
dmDcr-2	Not detected	$t1_{1/2} = 39.5 \pm 5.0s$ $t2_{1/2} = 277 \pm 10s$
dmDcr-2 + ATP	$t1_{1/2} = 15.9 \pm 0.2s$ $t2_{1/2} = 43.2 \pm 1.2s$	$t1_{1/2} = 27.7 \pm 1.4s$ $t2_{1/2} = 83.8 \pm 4.5s$
dmDcr-2 ^{ΔHel}	$t1_{1/2} = 41.6 \pm 2.2s$ $t2_{1/2} = 490 \pm 50s$	$t1_{1/2} = 208 \pm 20s$

Figure 5-supplement 2