



| Fluorescence life-time | Cy3-Blunt dsRNA | Cy3'-ovr dsRNA |
|--|--|------------------------------------|
| dsRNA alone | $\tau = 1.15 \pm 0.003 \text{ ns}$ | $\tau = 1.26 \pm 0.003 \text{ ns}$ |
| dmDcr-2 ^{RIII} | $\tau_1 = 1.21 \pm 0.04 \text{ ns}$ (88%) $\tau_2 = 2.28 \pm 0.36 \text{ ns}$ (12%) | $\tau = 1.28 \pm 0.002 \text{ ns}$ |
| dmDcr-2 ^{RIII} + ATP _γ S | $\tau = 2.15 \pm 0.003 \text{ ns}$ | $\tau = 1.31 \pm 0.002 \text{ ns}$ |

Figure 1-supplement 2