Inhibition of polio replication by knock-down of Acsl3 expression

rescue of the inhibitory effect of anti-Acsl3 siRNA#2 by expression of a resistant Acsl3

polio replicon replication

- siControl
- Acsl3-1
- Acsl3-2
- Acsl3-3
- Acsl3-4

renilla RLU

hours post transfection

0 2 4 6 8 10 12 14 16

0 5.0 × 10^4 1.0 × 10^5 1.5 × 10^5 2.0 × 10^5

% of control replication

siControl  Acsl3-1  Acsl3-2  Acsl3-3  Acsl3-4

0 20 40 60 80 100 120

% of control toxicity

siControl  Acsl3-1  Acsl3-2  Acsl3-3  Acsl3-4

0 20 40 60 80 100 120

Actin

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