

Supplementary table 1: Number of spores isolated from individual surviving honey bees.

Treatments	Spores
Infection group	250000
Infection group	275000
Infection group	275000
Infection group	325000
Infection group	425000
Infection group	475000
Infection group	950000
Infection group	975000
Infection group	1200000
Infection group	1675000
SiRNA-Dicer	25000
SiRNA-Dicer	25000
SiRNA-Dicer	150000
SiRNA-Dicer	325000
SiRNA-Dicer	375000
SiRNA-scramble	50000
SiRNA-scramble	200000
SiRNA-scramble	450000
SiRNA-scramble	500000
SiRNA-scramble	675000
SiRNA-scramble	900000
SiRNA-scramble	1350000
SiRNA-scramble	1550000
SiRNA-scramble	1725000

Supplementary table 2: Relative Ct values of *Dicer*. Dicer expression levels were normalized with GAPDH of the honey bee.

Day time (dpi)	Infection group	SiRNA-Dicer group
1	-8.6	NA
1	NA	NA
1	-8.71	NA
1	NA	NA
2	-13.885	NA
2	-13.68	-15.735
2	-13.4975	NA
2	-14.6	-15.9425
3	-11.82	-7.235
3	-11.025	-8.78
3	-11.695	-7.0025
3	-10.6725	-9.65
4	-12.02	-8.435

4	-10.735	-10.075
4	-10.45	-8.1075
4	-13.9525	-9.6675
5	-8.64	-5.275
5	-7.04	-5.585
5	-9.29	-5.6875
5	-7.375	-5.6425
6	-3.84	-5.64
6	-4.195	-6.025
6	-4.785	-4.695
6	-4.5375	-4.9575