

1 **SUPPLEMENTAL MOVIE LEGEND**

2 **Movie S1. Neutrophil recruitment and phagocytosis of wild type *S. iniae* at**
3 **the otic vesicle.** Confocal microscopy, 20x objective. *Tg(mpx:dendra2)* larvae
4 were microinjected in the otic vesicle at 72 hpf with ~100 CFU *S. iniae* 9117
5 labeled with 5 μ M CellTracker Red dye. The movie starts ~10 mpi. Green
6 fluorescent neutrophils were initially recruited to the localized site of infection.
7 Several neutrophils took up red-labeled wild type bacteria. Total movie duration
8 was 1 h 36 min. This movie is representative of at least 3 movies taken from 3
9 separate experiments.

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11 **Movie S2. Neutrophil recruitment and phagocytosis of the *cpsA* mutant at**
12 **the otic vesicle.** Confocal microscopy, 20x objective. *Tg(mpx:dendra2)* larvae
13 were microinjected in the otic vesicle at 72 hpf with ~100 CFU *cpsA* labeled with
14 5 μ M CellTracker Red dye. The movie starts ~10 mpi. Green fluorescent
15 neutrophils were initially recruited to the localized site of infection. Several
16 neutrophils phagocytosed large amounts of red-labeled *cpsA* mutant. The
17 engulfed bacteria were concentrated into single, large vacuoles in the
18 neutrophils. Total movie duration was 1 h 28m. This movie is representative of at
19 least 3 movies taken from 3 separate experiments.

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21 **Movie S3. Macrophage recruitment and phagocytosis of wild type *S. iniae***
22 **at the otic vesicle.** Confocal microscopy, 20x objective. *Tg(mpeg1:dendra2)*
23 larvae were microinjected in the otic vesicle at 72 hpf with ~100 CFU *S. iniae*

24 9117 labeled with 5 μ M CellTracker Red dye. The movie starts ~10 mpi. Green
25 fluorescent macrophages were initially recruited to the localized site of infection.
26 One macrophage could be seen taking up red-labeled wild type bacteria. Total
27 movie duration was 1 h 31m. This movie is representative of at least 4 movies
28 taken from 4 separate experiments.

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30 **Movie S4. Macrophage recruitment and phagocytosis of the *cpsA* mutant**

31 **at the otic vesicle.** Confocal microscopy, 20x objective. *Tg(mpeg1:dendra2)*
32 larvae were microinjected in the otic vesicle at 72 hpf with ~100 CFU *cpsA*
33 labeled with 5 μ M CellTracker Red dye. The movie starts ~10 mpi. Green
34 fluorescent macrophages were initially recruited to the localized site of infection.
35 At least one macrophage can be seen taking up red-labeled *cpsA* mutant. The
36 bacteria were initially taken up into multiple vacuoles. Total movie duration was
37 50 min. This movie is representative of at least 3 movies taken from 3 separate
38 experiments.

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