

Table S1. Number of free living nematodes observed in *S. rattii* feces of 8 days pos

	Rat1	Rat2	Rat3
Free living female	1875 (3/3)	3110 (3/3)	2550 (3/3)
(per 1000 eggs/larva)	9.83	17.4	8.32
Free living male	1800 (3/3)	3740 (3/3)	2285 (3/3)
(per 1000 eggs/larva)	9.44	20.0	8.18

Free-living nematodes were observed in all culture plates tested.

Numbers in parentheses represent numbers of incidents of free-living observation.

TableS2. Time required between each key stages of *S. venezuelensis* embryo at 37°C

Developmental Stage	Corresponding figures	Time (min)	
pseudocleavage - nucleus migration to center	Fig 5 C -D	3.18±1.36	n=4
nucleus migration to center - nucleus disappearance	Fig 5 D - F	2.38±1.36	n=6
nucleus disappearance - two cells	Fig 5 F - G	2.64±1.12	n=7
two cells - nucleus re-appearance	Fig 5 G - H	2.78±1.07	n=8
nucleus re-appearance - four cells	Fig 5 H - I	11.1±2.11	n=4

± : standard deviation