

TABLE 1. *Sequence of developmental changes during the cell cycle of C. crescentus*

Developmental step	Minutes	Time of inhibition by rifampin (min)	Reference
Loss of motility	40-45	0-12	Fig. 5
ϕ Cb5 not adsorbed	[40-50]*	N.D.†	(8, 9)
Stalk formation	60	0-50	Fig. 3, unpublished
Initiation of DNA synthesis	60	0-60	Fig. 6
Flagellum synthesis	120-140	N.D.	unpublished
ϕ CbK receptor synthesis	[125-140]*	N.D.	(2)
Basal-membrane synthesis	60-180	N.D.	(4)
Completion of DNA synthesis	150	None	Fig. 6
Motility	170-180	N.D.	Fig. 3
Cell division	180; 190	0-170	Figs. 3 and 4

Where not otherwise indicated, all of the times given are estimations from determinations on cells growing in minimal salts-glucose medium, as described in the text.

* Estimated from values in published papers where rapidly growing cells on a complex medium were used

† Not determined (N.D.).