



Title	Expansion of presoldier cuticle contributes to head elongation during soldier differentiation in termites
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	Presoldier moult				Stationary moult			
	day 0 - day 7 (n = 19)				day 0 - day 7 (n = 10)			
	growth size (μm)	growth rate (%)	χ^2	<i>p</i> value	growth size (μm)	growth rate (%)	χ^2	<i>p</i> value
Head length	+ 104.10 \pm 0.01	104.01	32.78	<i>p</i> < 0.001	- 5.30 \pm 0.02	99.79	1.16	n.s.
Left-mandibular length	+ 67.79 \pm 0.02	103.82	16.97	<i>p</i> < 0.001	+ 38.40 \pm 0.02	103.23	4.76	n.s.
Head width	- 9.47 \pm 0.01	99.76	5.13	n.s.	- 19.70 \pm 0.02	99.30	3.42	n.s.
Pronotum width	+ 10.00 \pm 0.03	100.41	9.80	n.s.	- 53.00 \pm 0.01	97.70	2.31	n.s.
Fore-tibial length	+ 86.95 \pm 0.02	105.03	17.02	<i>p</i> < 0.001	+ 117.30 \pm 0.03	107.20	23.93	<i>p</i> < 0.001

Values of growth size are means \pm S.E. Significant difference of day effects were detected by Likelihood-ratio test. Data sets including either PsM0, PsM1, PsM3, and PsM7 or StM0, StM1, StM3, and StM7 categories were used for the statistical analysis, despite growth sizes and rates shown represent changes that occurred during the initial 7 day period after each moult.