

Table 5. Genes known to not be induced during flagellar regeneration

<u>Gene</u>			
<u>identification</u>	<u>30 min, %</u>	<u>45 min, %</u>	<u>120 min, %</u>
158239	-45.89	-46.98	-24.85
166667	-41.33	-47.33	-47.79
171242	-39.75	-9.63	105.39
171299	-35.25	-27.41	-33.95
158560	-27.97	-35.55	29.5
168391 RBCS2	-25.38	-32.96	-1.52
162000	-21.88	-37.58	56.8
169942	-21.45	-24.52	-18.7
158402	-19.33	-26.86	5.77
165846	-19.08	2.27	-16.83
161792	-18.1	-27.43	-22.81
165904 CRY1	-18.1	-51.04	-3.18
165247 Cblp	-17.46	-50.04	-21.45
162224	-16.43	-32.88	-2.81
156229	-16.27	-2.31	-18.13
162018	-16.06	-21.6	-21.05
165072 ALD	-13.38	-58.89	-37.67
165102	-12.77	-8.36	-3.96
154013	-12.36	-10.5	30.87
168343	-10.34	-10.97	12.15
162907	-10.07	40.77	-23.24
156671	-7.83	-22.75	3.93
157385	-7.8	-9.36	-18.8
159566	-7.57	-25.11	37.68
162058	-7.21	-4.31	-0.47
168715	-6.38	-14.89	-5.41
155468	-5.1	25.83	2.75
155925	-5.1	26.12	9.2
161779	-4.58	-19.44	17.62
165569	-4.24	13.55	-5.78
166774	-3.69	-20.98	15.43
163738	-3.54	-12.68	-10.14
155451	-3.06	-7.51	8.34
171166	-1.98	2.02	-12.48
167803	-1.66	-1.66	-4.38
167053	0	-12.03	9.74
156530	0.43	-13.81	73.01
154789	0.55	1.07	13.04
156598	1.28	13.94	-3.15
155817	2.39	-41.05	2.15
164517	3.45	22.26	2.58
157943	4.57	7.35	-3.54

168286	6.17	9.26	-6.48
153859	6.34	-19	28.05
171684	10.76	8.41	4.88
155464	13.31	-21.39	-21.49
166044	14.63	15.19	1.14
160951	16.88	19.13	-1.15
164610	19.07	-5.11	1.39
164333	19.68	5.51	6.29
168283	20	2.97	-6.13
164774	20.01	18.47	21.39
159111	28	18.85	23.4
164526	56.59	16.79	5.31

Data set used to validate microarray detection of induction of transcripts and the strategy of flagellar gene identification based on induction during flagellar regeneration. Gene list consists of the genes identified by Li *et al.* (1) as not being induced according to RT-PCR, as well as four *Chlamydomonas* genes (as indicated) known by Northern analysis not to be induced, as found in the literature.

1. Li, J. B., Gerdes, J. M., Haycraft, C. J., Fan, Y., Teslovich, T. M., May-Simera, H., Li, H., Blacque, O. E., Li, L., Leitch, C. C., *et al.* (2004) *Cell* **117**, 541-552.