

Table 1 Nuclear and interchromosomal volumes in non-infected and HSV-1-infected H2B-GFP HeLa cells.

Time after infection	Volume (μm^3)	<i>Not infected</i>		<i>Infected</i>	
		Nucleus	Interchromosomal space	Nucleus	Interchromosomal space
8.0	Mean	683	182	898	428
	s.d	119	49	181	137
	s.e.m	19	8	34	26
	<i>n</i>	39	39	28	28
9.5	Mean	697	217	1216	630
	s.d	299	109	209	162
	s.e.m	48	17	32	25
	<i>n</i>	39	39	42	42

For volume measurements, confocal sections of individual nuclei from H2B-GFP HeLa cells either not infected or infected with HSV-1 were processed and analysed with 3-D image-analysis software (Ana3D[®] Y. Usson). Values are means obtained from the indicated numbers of nuclei s.d and s.e.m are shown. The differences in nuclear and interchromosomal volume between non-infected and infected cells are significant ($P < 0.005$), while no significant differences were found between volumes of mock-infected cells at 8.0 and 9.5 h after infection.