Table I. Stereological Data of a Mitochondrial Pellicle Preparation

Parameter	Estimate
Pellicle thickness	12.5 (0.7) μm
Pellicle volume, V(pell)	0.98 (0.06) mm^3
Mitochondrial volume density, V_V(mi, pell)	0.64 (0.02)
Surface density of	
outer membrane, S_V(om, mi)	67,700 (1,000) cm^{-1}
inner membrane, S_V(im, mi)	218,300 (2,800) cm^{-1}
Mitochondrial number density, N_V(mi, pell)	2.52 × 10^9 mm^{-3}
Total mitochondrial volume, V(mi)	0.66 (0.05) mm^3
Total outer membrane area, S(om)	44.9 (3.3) cm^2
Total inner membrane area, S(im)	145.2 (11.8) cm^2
Total number of mitochondria N(mi, pell)	2.47 × 10^9

Each figure is the mean of five pellicles of the same mitochondrial preparation (0.24 mg of protein per pellicle). SEM is indicated in parentheses.