

Nuclear volume and cell volume in shoot meristems of 14 species of herbaceous angiosperms, and average nuclear volume/cell volume for each species

Species	Family	Nuclear volume ($\mu\text{m}^3 \pm \text{S.E.}$)	Cell volume ($\mu\text{m}^3 \pm \text{S.E.}$)	Nuclear vol./Cell vol. ^a (% $\pm \text{S.E.}$)
1 <i>Arabidopsis thaliana</i>	Cruciferae	32 \pm 3	202 \pm 11	16 \pm 2
2 <i>Lobularia maritima</i>	Cruciferae	49 \pm 5	321 \pm 16	16 \pm 2
3 <i>Hypericum virginicum</i>	Guttiferae	83 \pm 8	448 \pm 45	19 \pm 2
4 <i>Cicer arietinum</i>	Leguminosae	96 \pm 5	394 \pm 16	25 \pm 2
5 <i>Nelumbo lutea</i>	Nymphaeaceae	139 \pm 7	1089 \pm 129	15 \pm 2
6 <i>Spinacia oleracea</i>	Chenopodiaceae	156 \pm 7	711 \pm 29	22 \pm 1
7 <i>Cyanotis pilosa</i>	Commelinaceae	173 \pm 9	1188 \pm 124	16 \pm 1
8 <i>Anemone pulsatilla</i>	Ranunculaceae	435 \pm 27	2505 \pm 153	17 \pm 1
9 <i>Tradescantia navicularis</i>	Commelinaceae	552 \pm 27	3558 \pm 323	17 \pm 1
10 <i>Convallaria majalis</i>	Liliaceae	710 \pm 17	5260 \pm 508	15 \pm 2
11 <i>Fritillaria lanceolata</i>	Liliaceae	1466 \pm 115	9329 \pm 878	16 \pm 1
12 <i>Fritillaria camtschatcensis</i>	Liliaceae	1824 \pm 103	10991 \pm 1327	18 \pm 2
13 <i>Lilium longiflorum</i> (4 \times)	Liliaceae	3273 \pm 167	20799 \pm 1568	16 \pm 1
14 <i>Sprekelia formosissima</i>	Amaryllidaceae	4638 \pm 262	19258 \pm 1400	26 \pm 1

^a Average of individual NV/CV values for each species.