

Table 1. Level of nucleotides, nucleotide sugars, glycolytic intermediates, lactate, soluble sugars, and free amino acids in broad bean embryos (about 150 mg seed fresh wt) sampled during day ($n = 10$) and night ($n = 16$; means \pm SD)

Metabolites	Day	Night
ADP ^a	55 \pm 27	43 \pm 13
ATP ^a	81 \pm 15	85 \pm 9
ATP/ADP ratio	1.5 \pm 0.6	2.1 \pm 0.6
ADP-Glc ^a	13 \pm 5	12 \pm 3
UDP-Glc ^a	113 \pm 10	109 \pm 12
Glc-6-P ^a	287 \pm 54	297 \pm 35
Glc-1-P ^a	26 \pm 10	27 \pm 8
Fru-6-P ^a	74 \pm 13	67 \pm 8
3-P-glycerate ^a	448 \pm 169 ^c	117 \pm 48
Phosphoenolpyruvate ^a	17 \pm 7	19 \pm 9
Pyruvate ^a	38 \pm 13	42 \pm 17
Lactate ^a	651 \pm 259	934 \pm 479
Glc ^b	42 \pm 17	41 \pm 6
Fru ^b	42 \pm 18	39 \pm 6
Suc ^b	70 \pm 33	68 \pm 30
Free amino acids ^b	130 \pm 17	124 \pm 31

^a Values are given in nmol g⁻¹ fresh wt. ^b Values are given in μ mol g⁻¹ fresh wt. ^c Significant differences according to *t* test; $P < 0.05$.