

Table S1 Detailed record data of ten quantitative traits measured from the top mature leaf of *Eucalyptus urophylla* S.T. Blake at 6 months old.

Genotype	Replication	H	GD	Pn	Gs	Ci	Tr	WUE _i	CCI	LA	PE _w
D1	1	91.33	11.66	9.49	0.154	274.71	3.87	2.50	10.24	23.11	0.0220
	2	87.67	10.29	10.97	0.193	276.09	3.86	2.87	10.35	20.77	0.0227
	3	91.50	9.74	9.30	0.159	278.22	3.22	2.89	11.01	18.74	0.0173
	4	101.00	9.75	13.88	0.304	277.77	5.22	2.68	12.68	25.62	0.0347
D2	1	93.00	10.53	6.10	0.070	223.37	1.96	3.11	9.81	26.46	0.0160
	2	103.10	10.98	12.86	0.221	258.55	4.35	2.99	12.85	29.28	0.0383
	3	95.27	9.59	4.68	0.048	230.31	1.00	4.71	7.69	27.60	0.0131
	4	105.77	9.71	9.48	0.097	216.03	2.26	4.19	11.71	30.77	0.0289
D3	1	72.40	13.06	9.79	0.222	300.53	3.90	2.55	15.34	18.03	0.0180
	2	75.57	12.33	11.03	0.225	270.68	5.00	2.30	15.05	19.62	0.0217
	3	79.07	10.72	5.93	0.085	229.69	2.23	2.88	11.25	21.03	0.0133
	4	67.77	11.95	8.92	0.245	297.33	5.70	1.57	10.25	16.06	0.0143
T	1	110.77	14.66	14.19	0.152	220.87	3.08	4.96	17.51	55.29	0.0788
	2	128.67	14.85	14.93	0.219	250.26	5.03	3.27	17.75	37.80	0.0564
	3	122.93	14.82	17.60	0.212	261.68	4.31	4.10	19.51	29.63	0.0519
	4	106.53	11.68	15.12	0.274	261.60	6.35	2.49	17.46	48.27	0.0728

D1, D2 & D3: diploid genotypes; T: triploid genotype; H: height (cm); GD: Ground diameter (mm); Pn: Net photosynthetic rate ($\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$); Gs: Stomatal conductance ($\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$); Ci: Intercellular carbon dioxide concentration ($\mu\text{mol}\cdot\text{m}^{-1}$); Tr: Transpiration rate ($\text{mmol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$); WUE_i: Instantaneous water use efficiency; CCI: Chlorophyll content index; LA: Leaf area (cm^2); PE_w: Photosynthetic efficiency of whole leaf ($\mu\text{mol}\cdot\text{s}^{-1}$).