

Table S1. Kruskal-Wallis test and multiple comparison test (2-tailed) of diameter at breast height (DBH, cm), vessel diameter (VD, μm), number of vessels per unit area (VN, $\text{n}^\circ\cdot\text{mm}^{-2}$), lumen fraction (F), vessel composition (S, mm^4), and theoretical specific hydraulic conductivity (Ks, $\text{kg}\cdot\text{m}^{-1}\cdot\text{MPa}^{-1}\cdot\text{s}^{-1}$) between clones of *Eucalyptus globulus* grouped by growth rate (high growth –HG, and low growth –LG).

Group	Clone	DBH	VD	VN	F	S	Ks
HG	508	bcde*	a	abcd	a c	ab	abc
	516	e	bcd	a	ab	ab	abc
	513	e	d	abc	b	ab	ab
	503	e	ab	abcd	a c	ab	abc
	504	de	cd	ab	bc	a	a
LG	501	abcd	abc	bcd	bc	ab	abc
	520	a	abc	cd	bc	ab	abc
	512	abc	a	abcd	a	b	c
	517	a	abc	bcd	ab	ab	abc
	507	ab	abc	d	bc	ab	abc
K-W Test		H=93.97	H=64.79	H=53.14	H=44.29	H=38.32	H=23.77
(9, n=123)		p<0.0001	p<0.0001	p<0.0001	p<0.0001	p<0.0001	p=0.004

*Different letters indicate significant differences between clones (multiple comparison test, $p<0.05$).