

Supplementary table. Origin of the sequences used for the multiple sequence alignment of Supplementary figure1.

Species	Name	Accession number or locus (<i>Arabidopsis</i>)	
		cDNA ^a	Genome
<i>Arabidopsis thaliana</i>	GDU1	AI999163; AU235690; AU226430	At4g31730
	GDU2	AY086421	At4g25760
	GDU3	T42168; AV533941	At5g57685
	GDU4	AV553869; AV545182; AI995427; AU227153; AY089033	At2g24762
	GDU5	-	At5g24920
	GDU6	-	At3g30725
<i>Beta vulgaris</i>	Bv1	BQ584528	
<i>Cryptomeria japonica</i>	Cj1	BP176128	
<i>Glycine max</i>	Gm1	AW706330; AW706308	
	Gm2	BE058518; BI094873; BI094874	
	Gm3	BE611626	
	Gm4	AW707186; BQ610520; BU545143; BU964524; AW567570	
<i>Hevea brasiliensis</i>	Hb1	CB376835; CB376914	
<i>Hordeum vulgare</i>	Hv1	AV930997; AV937252; BJ476290; BJ458923; CB868206; BJ451429; BJ472292; BF259878; AV926114; BJ471613	
	Hv2	BG344981; CA018201; CA030532; BQ758712; BF631610; AL508957; BI958513	
	Hv3	BG345138; AL506349; BF257795; BQ470858; CA003680	
<i>Ipomoea nil</i>	In1	BJ553652	
	In2	BJ577284; BJ561690	
	In3	BJ562804; BJ574390; BJ558787; BJ578365	
	In4	BU692248;	
<i>Lupinus albus</i>	La1	CA410438	
	La2	CA411458	
<i>Lycopersicon esculentum</i>	Le1	AW625655; BI932074; BI932407; BI932570	
	Le2	BG124703; BI928405	
<i>Lotus japonicus</i>	Lj1	AV409452; AV412980; AV415079; AV422911	
<i>Lactuca sativa</i>	Ls1	BQ993309	
<i>Medicago truncatula</i>	Mt1	BE320077; AA660453	
	Mt2	AJ502417; AJ503777; AW559406; AJ501580; AW559367	AC136954; C127169
	Mt3	BE997513; BI310976; BI311046	
<i>Oryza sativa</i>	Os1		AP004838; AP004840
	Os2	C73987	AP004665
	Os3	BE040025	AP003579
	Os4	C19129	AP005495; AP005799
	Os5		AP004792
<i>Phaseolus coccineus</i>	Pc1	CA913199	
	Pc2	CA913883	
<i>Pinus</i>	Pin1	AI812343	
	Pin2	AW010037	
	Pin3	AW754873	
	Pin4	BG040437	
	Pin5	BM492506; BE241267; BQ290644; AI812395; AW290165; AW290850	
	Pin6	BX254641; BX251126	
<i>Populus</i>	Pop1	BU892695; BU865422; BU862384; BU875395; BU895110; CA933810	
	Pop2	CA825248; CA825249	
<i>Sorghum bicolor</i>	Sb1	AW680912; BE595222; AW681046; AW922145	
	Sb2	BE355792	
	Sb3	BE358925; BE358963	
	Sb4	BE359170	
<i>Triticum aestivum</i>	Ta1	BE415645; BE423707; BF483512; BF485259; BQ805730; CA741083	
	Ta2	BQ484092; CA662237	
	Ta3	CA729026	
	Ta4	CA525324; CA593166	

^a Include EST (Expressed Sequence Tag), RAFL (Riken Arabidopsis Full Length) and CERES, Inc. cDNA sequences.