

Table S1: FAD3 amino acid sequence information.

Species name	Protein name	GeneBank	Protein abbreviation
<i>Ricinus communis</i>	FAD3	EEF36775.1	RcFAD3
<i>Vernicia fordii</i>	FAD3	AAC98967.2	VfFAD3
<i>Jatropha curcas</i>	FAD3	NP_001292929.1	JcFAD3
<i>Manihot esculenta</i>	FAD3	XP_021610352.1	MeFAD3
<i>Hevea brasiliensis</i>	FAD3	XP_021666224.1	HbFAD3
<i>Triadica sebifera</i>	FAD3	ABM68629.1	TsFAD3
<i>Perilla frutescens</i>	FAD3	AQZ42316.1	PfFAD3
<i>Paeonia suffruticosa</i>	FAD3	AVZ47050.1	PsFAD3
<i>Linum usitatissimum</i>	FAD3	BAG70950.1	LuFAD3
<i>Brassica napus</i>	FAD3	AAT09135.1	BnFAD3
<i>Eucommia ulmoides</i>	FAD3	ARQ20744.1	EuFAD3
<i>Arabidopsis thaliana</i>	FAD3	NP_180559.1	AtFAD3
<i>Prunus armeniaca</i>	FAD3	CAB4284757.1	PaFAD3
<i>Glycine max</i>	FAD3	NP_001236114.1	GmFAD3
<i>Corylus heterophylla</i>	FAD3	AEF80000.1	ChFAD3
<i>Castanea mollissima</i>	FAD3	KAF3952997.1	CmFAD3
<i>Juglans regia</i>	FAD3	XP_018835457.1	JrFAD3
<i>Arachis hypogaea</i>	FAD3	QBI71562.1	AhFAD3
<i>Camellia sinensis</i>	FAD3	XP_028086292.1	CsFAD3
<i>Tripterygium wilfordii</i>	FAD3	XP_038705526.1	TwFAD3
<i>Carpinus fangiana</i>	FAD3	KAE8039281.1	CfFAD3
<i>Durio zibethinus</i>	FAD3	XP_022756628.1	DzFAD3
<i>Actinidia chinensis</i>	FAD3	PSS09495.1	AcFAD3
<i>Malus domestica</i>	FAD3	XP_008384790.2	MdFAD3
<i>Vitis vinifera</i>	FAD3	XP_002277573.1	VvFAD3
<i>Prunus avium</i>	FAD3	XP_021816263.1	P.aviumFAD3