

Supplemental Table S2. Gene identification, predicted function and citation for well-characterized *Arabidopsis* F-box genes.

GeneID	Gene	Group	Ortholog Clade	Domain type	Name	Biological process	Reference
AtFbox273	AT3G06380	G03	A	10	TLP9	ABA signaling	Lai et al., 2004
AtFbox330	AT3G22650	G06	A	01	CEGENDUO	Auxin-inducible lateral root formation	Dong et al., 2006
AtFbox204	AT2G17310	G06	A	01	SON1	Response to biotic stress	Kim and Delaney, 2002
AtFbox209	AT2G18915	G12	A	34	LKP2	Response to light	Schultz et al., 2003
AtFbox184	AT2G03560	G22b	A	03	FBX7	Ubiquitin-dependent protein catabolic process	Calderón-Villalobos et al., 2007
AtFbox442	AT4G03190	G07	AO	11	GRH1	Auxin signaling	Dharmasiri et al., 2005
AtFbox559	AT5G25350	G48a	AO	09	EBF2	Ethylene perception by regulating EIN3/EIL turnover	Binder et al., 2007
AtFbox495	AT4G24210	G02	AP		SLEEPY1	Gibberellin signaling	McGinnis et al., 2003
AtFbox219	AT2G24540	G22b	AP	02	AFR	Phytochrome A-mediated light signaling	Karmon and Kay 2003
AtFbox437	AT4G02440	G30	AP		EID1	Phytochrome A-specific light signaling	Dieterle et al., 2001
AtFbox254	AT2G42620	G48a	AP	11	MAX2	Response to drought/cold/oxidative stress	Woo et al., 2001
AtFbox429	AT3G62980	G07	AOP	27	TIR1	Auxin signal receptor	Dharmasiri et al., 2005, Kepinski and Leyser et al., 2005
AtFbox351	AT3G26810	G07	AOP	11	AFB2	Auxin signaling	Dharmasiri et al., 2005
AtFbox011	AT1G12820	G07	AOP		AFB3	Auxin signaling	Dharmasiri et al., 2005
AtFbox052	AT1G30950	G08	AOP	13	UFO	Patterning and growth in floral meristem	Samach et al., 1999, Durfee et al., 2003
AtFbox643	AT5G57360	G12	AOP	39	ZTL	Controlling circadian period	Han et al. 2004
AtFbox146	AT1G68050	G12	AOP	36	FKF1	Light signaling	Imaizumi et al., 2003
AtFbox265	AT2G44900	G12	AOP	32	ARABIDILLO1	Lateral root development	Coates et al., 2006
AtFbox419	AT3G60350	G12	AOP	32	ARABIDILLO2	Lateral root development	Coates et al., 2006
AtFbox030	AT1G21760	G13	AOP		AtFBP7	Translation during temperature stress	Calderón-Villalobos et al., 2006
AtFbox425	AT3G61590	G17	AOP	21	HAWAIIAN SKIRT	Organ fusion and growth	Gonzalez-Carranza et al. 2007
AtFbox608	AT5G48170	G18	AOP		SLEEPY2	Rescues the dwarf phenotype of sly1	Strader et al., 2004
AtFbox220	AT2G25490	G48a	AOP	09	EBF1	Ethylene perception by regulating EIN3/EIL turnover	Binder et al., 2007