

**Supplemental Table 3.** List of 38 *OsWAKs* having FL-cDNA sequence(s) and 11 *OsWAKs* with matching EST sequence(s) and the rice tissues from which FL-cDNA and EST sequences were derived.

Name	FL-cDNA <sup>1</sup>	Tissues	EST <sup>2</sup>	E-value	Tissues
OsWAK1 <sup>3</sup>	AK065470	Shoot	C97898 anti	0	Maternal tissue (minus endosperm and embryo)
			AU030772	0	Embryo (micropylar tip)
			AU197545 anti	0	Rice callus
OsWAK2 <sup>3</sup>	AK072170	Shoot			
OsWAK4 <sup>3</sup>	AK064374	NAA treated callus			
OsWAK5			AU100894	e-135	Rice callus
			C27886	e-123	Maternal tissue (minus endosperm and embryo)
OsWAK8			C24950	0	Green shoot (8 days old)
OsWAK10 <sup>3</sup>	AK102164	Callus	AU082462	0	Callus
	AK100606	Flower	C22642	e-122	Green shoot (8 days old)
	AK066381	Shoot	AU174609	e-114	Leaf
	AK064656	Cold treated callus	D48660	e-113	Sporophyte
			AU174608	e-111	Leaf
			AU181399	e-106	Callus
OsWAK11	AK100387		D22099	0	Gametophore
OsWAK12 <sup>3</sup>	AK111596				shoot
OsWAK23 <sup>5</sup>	AK108554	Shoot and callus	CA760609	0	Panicles, Water stress was applied by not watering for 4 consecutive days
OsWAK21 <sup>3</sup>	AK119341		CA758052 anti	e-174	Root, 2-3 d 150mM NaCl
OsWAK18 <sup>5</sup>	AK105477 anti	Supermi x			
	AK103831 anti	Callus			
OsWAK25 <sup>3</sup>	AK101690	Callus	CB640326	1.1e-71	6 hrs after inoculation with Rice Blast
OsWAK28	AK120279	Shoot	CB631820		24 hrs after inoculation with Rice Blast
OsWAK29	AK102639	Callus			
OsWAK30/OsWAK31 <sup>4</sup>	AK058435				
OsWAK32	AK067041	Shoot	CB676084		24 hrs after inoculation with Rice Blast
OsWAK33 <sup>4</sup>	AK067467	Shoot			
OsWAK35 <sup>5</sup>	AK108495	Shoot and callus	CF322435		Callus
	AK068752	shoot			
	AK070011	flower			

OsWAK37 <sup>5</sup>	AK100568 AK111580	flower Shoot	CB633484 anti CB633483, CB674990 CB632726	1.1e- 156	24 hrs after inoculation with Rice Blast
OsWAK38			CA763211	1.6e- 171	24 hrs after inoculation with Rice Blast
OsWAK43			CA763211	0	Panicles, Water stress was applied by not watering for 4 consecutive days
OsWAK45			CB628328, CB668831	2.3e- 140	24 hrs after inoculation with Rice Blast
OsWAK46	AK072627	Flower			
OsWAK50	AK111730				Flower
OsWAK52 <sup>5</sup>	AK111909	Callus			
OsWAK53	AK111508 AK111662	Shoot			
OsWAK59 <sup>3</sup>			BM421232	e-154	Seedlings induced for HR (hypersensitive response)
OsWAK60			BQ909228 BM038524	e-126 e-109	Seedlings induced for HR (hypersensitive response)
OsWAK61			CA755270	e-180	Roots, 19 h 200mM NaCl
OsWAK72 <sup>3</sup>	AK069794	Flower	CA756443	0	Root, 19 h 200mM NaCl
OsWAK74			CA763126	7.1e- 124	Panicles/Water stress
OsWAK76 <sup>3</sup>	AK067363	Shoot	CB677466, CB628072,	1.0e- 153	24 hrs after inoculation with Rice Blast
OsWAK81 <sup>3</sup>	AK060211	Etiolated shoot			
OsWAK82 <sup>3</sup>	AK111541	Shoot	AU055937, AU032343	3.7e-94	Mature leaf/root
OsWAK84 <sup>4</sup>	AK119296	Shoot			
OsWAK85 <sup>3</sup>	AK071360	Flower			
OsWAK91	AK107166	Panicles (<5cm)			
OsWAK87	AK099582	shoot			
OsWAK92	AK102702	Callus			
OsWAK983	AK105108	Etiolated shoot	BQ908901	0	Leaf, induced by M.grisea
OsWAK101 <sup>5</sup>	AK111067	Supermi x	BQ908738	e-120	Leaf, induced by M.grisea
OsWAK112	AK111815 AK111809	Shoot Shoot	BI118649 CA759266	0 e-155	Panicles, Water stress was applied by not watering for 4 consecutive days
	AK111496 AK111989	Shoot Etiolated shoot			
OsWAK117 <sup>3</sup>	AK102853	Callus			
OsWAK120			CB680735	1.3e-67	3-week leaf
OsWAK123			D39328	0	Root
			C22611	e-119	Root

	CA759461	e-113	Panicles, Water stress was applied by not watering for 4 consecutive days
OsWAK124 <sup>4</sup>	AK066290	Shoot	
OsWAK127 <sup>5</sup>	AK100110	Flower	
	anti		
	AK066039	Shoot	
	anti		
OsWAK128	AK067120	Shoot	
		ABA	
		treated	
	AK064574	callus	
OsWAK129	AK119448	<sup>6</sup> Nd	
		Etiolated	
	AK062773	shoot	
	AK119304	Nd	
	anti		

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<sup>1</sup> Full-length rice cDNA sequence database of KOME (<http://cdna01.dna.affrc.go.jp/cDNA/>)

<sup>2</sup> EST sequence database in Sputnik (<http://mips.gsf.de/proj/sputnik/oryza/>)

<sup>3</sup> OsWAK-RLCKs

<sup>4</sup> OsWAK-RLPs

<sup>5</sup> Short genes

<sup>6</sup> Nd = no data