

Supplemental Table S1																								
Group I	Group by Nakano and (Sakuma)*	Other names	Stress/hormone function†	Group IIb	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	Group IV	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	Group VIIa	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	Group VIIb	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	Group IXd	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	
AT1G22190.1	lb (A-6)	ATERF058	wounding, cytokinin <sup>16</sup>	AT1G44830.1	llb (A-5)	ATERF014	biotic <sup>14</sup> , JA, SA <sup>3</sup>	AT1G75490.1	lvb (A-2)	DREB2D, ATERF049	heat, drought, salt <sup>13</sup>	AT1G53910.1	vlla (B-2)	RAP2.12, ATERF074	drought, heat, light <sup>12</sup> , oxidative, osmotic, low oxygen <sup>17</sup>	AT1G12890.1	vlllb (B-1)	ATERF088	Biotic, GA <sup>7</sup>	Group IXd	AT1G04370.1	ixc (B-3c)	ATERF14	
AT1G36060.1	lb (A-6)	ATERF055		AT1G21910.1	llb (A-5)	ATERF016		AT2G38340.1	lva (A-2)	DREB2E, ATERF046		AT1G72360.1	vlla (B-2)	ATERF073		AT1G28160.1	vlllb (B-1)	ATERF087		AT2G20880.1	la (A-6)	ATERF053	heat, ABA <sup>11</sup>	
AT1G64380.1	lb (A-6)	ATERF061		AT1G77640.1	llb (A-5)	ATERF013		AT2G40220.1	lvb (A-3)	AB4, ATERF052	salt, ABA, GA <sup>12</sup> , water, osmotic	AT2G47520.1	vlla (B-2)	ATERF071		AT1G80580.1	vlllb (B-5)	ATERF084		AT4G28140.1	la (A-6)	ATERF054		
AT1G78800.1	lb (A-6)	RAP2.4, WIND1, ATERF059		AT4G31060.1	llb (A-5)	ATERF015		AT2G40340.1	lva (A-2)	DREB2C, ATERF048	heat <sup>19</sup> , ABA <sup>12</sup> , salt <sup>18</sup> , oxidative <sup>14</sup>	AT3G14230.1	vlla (B-2)	RAP2.2, ATERF075	biotic, oxidative, osmotic <sup>17</sup>	AT5G13910.1	vlllb	LEP, ATERF085		AT5G43410.1	ixc (B-3c)	ATERF096	ABA, JA, SA, biotic, salt <sup>16</sup>	
AT2G22200.1	lb (A-6)	ATERF056		Os03g15660.1	llb	ATERF059		AT2G40350.1	lva (A-2)	DREB2H, ATERF047		AT3G16770.1	vlla (B-2)	RAP2.3, ATEBP, ATERF072	GA, oxidative, osmotic <sup>17</sup>	AT5G18560.1	vlllb (B-1)	ATERF086		Os02g42585.1				
AT4G39780.1	lb (A-6)	ATERF060		Os06g10780.1	llb	OsERF119		AT3G11020.1	lva (A-2)	DREB28, ATERF044	salt, water <sup>15</sup>	Os02g54160.1	vlla	OsEREBP1, OsERF070	biotic <sup>15</sup>	Os02g32040.1	vlllb	OsERF081		Os03g05590.1	ixc	OsERF088, OsAP23	salt <sup>41</sup>	
AT5G65130.1	lb (A-6)	ATERF057		Pp1s11_280v6.1				AT3G23220.1	ixc (B-3c)	ATERF095		Os03g08470.1	vlla	OsERF062		Os04g32790.1	vlllb	OsERF082		Os04g18650.1	ixc	OsERF128		
Pp1s187_38v6.1	llc	OsERF017						AT3G57600.1	lvb (A-2)	DREB2F, ATERF051		Os05g29810.1	vlla	OsERF061		Os07g47330.1	vlllb	FZF, OsERF078		Os05g49010.1	ixc	OsERF084		
Os02g51670.1	lb	OsERF051						AT5G05410.1	lva (A-2)	DREB2A, ATERF045	salt, water <sup>15</sup>	Os06g0390.1	vlla	OsERF071		Os08g07700.1	vlllb	OsERF080		Os08g49050.1	ixc	OsERF090		
Os03g09170.1	lb	OsERF047						AT5G18450.1	lvb (A-2)	DREB2G, ATERF050		Os07g42510.1	vlla	OsERF065		Os12g41030.1	xi	OsERF110		Pp1s51_80v6.1				
Os04g44670.1①	la	OsERF045						Os01g07120.1	lva	OsDREB2A, OsERF040	cold <sup>19</sup> , salt <sup>16</sup> , ABA, drought <sup>12</sup>	Os09g26420.1	vlla	OsERF072, OsERBP2, OsBIERF1	biotic <sup>19</sup> , ethylene, JA, ABA <sup>13</sup> , salt, cold, drought, wounding <sup>6</sup>	Os12g41060.1	xi	OsERF112		Pp1s60_148v6.1				
Os05g49700.1	lb	OsERF052	salt <sup>14</sup>	Group IIIa			Senescence, Abscission <sup>8</sup>	Group IV			drought, ethylene <sup>84</sup>	Group VIIa			biotic <sup>23</sup>	Group VIIb			plant development <sup>33</sup>	Group IXd				
Os05g34730.1	llc	OsERF131, OsERF1		AT1G71450.1	llla (A-4)	FUF1, ATERF021		Os03g64260.1	ixc	OsERF083		Pp1s140_167v6.1①	Group VIIb			Group VIIb				Pp1s72_230v6.1				
Os06g11860.1	lb	OsERF120		AT5G07580.1	ixb (B-3b)	ATERF106		Os05g39590.1	lvb	OsERF042		Pp1s16_75v6.1	Group VIIb			Group VIIb				Pp1s120_13v6.1				
Os08g31580.1	lb	OsERF048, OsDRAP1		AT5G61590.1	ixb (B-3b)	ATERF107		Os08g35240.1①	llb	OsERF012, OsDERF1		AT5G07310.1	xa (B-4)	ATERF115		AT5G07310.1	xa (B-4)	ATERF115		Pp1s174_86v6.1				
Os09g20350.1	lb	OsERF050		Os02g35240.1	lllb	OsERF021		Os08g45110.1	lvb	OsERF044		AT5G61890.1	xa (B-4)	ATERF114		Pp1s1221_67v6.1①	Group VIIc			Pp1s155_480v6.1				
Os10g22600.1	lb	OsERF051		Os11g13840.1	lllb	OsERF019		Pp1s23_27v6.1				Os02g38090.1	vlllb	OsERF079		Group VIIc	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	AT2G44840.1	ixa (B-3a)	ATERF13, ATERF099	ABA <sup>17</sup>	
Pp1s21_214v6.1				Pp1s115_154v6.1				Pp1s181_44v6.1				Os09g11460.1	vllb	OsERF073		AT1G12980.1	vlllb (B-1)	ESR1, DRN, ATERF089	auxin <sup>11</sup>	Os01g59780.1				
Pp1s79_25v6.1				Pp1s357_12v6.1				Pp1s162_92v6.1				Os09g11480.1	vlla	OsERF063		AT1G24590.1	vlllb (B-1)	ATERF090, ESR2, DRNL	cytokinin <sup>16</sup>	Os03g07940.1				
Pp1s187_47v6.1				Group IIIb			cold <sup>19</sup> , drought <sup>12</sup>	Group V			cold <sup>4</sup>	Group VIIc			oxidative, IAA/Auxin, JA, biotic <sup>23</sup>	Group IXa			ABA <sup>13</sup> , JA <sup>14</sup> , SA <sup>3</sup>	Group IXb			salt, cold, ABA, drought <sup>16</sup>	
Pp1s335_8v6.1				AT1G12630.1	lllb (A-4)	ATERF027		Pp1s292_5v6.1				AT4G34410.1	xb (B-3)	RTTF1, ATERF109		AT1G03800.1	vllla (B-1)	ATERF10, ATERF077		Aux/IAA <sup>17</sup>	AT1G43160.1	xa (B-4)	RAP2.6, ATERF108	biotic <sup>2</sup> , ABA <sup>18</sup> , JA, SA, cold, osmotic <sup>18</sup>
Group Ila	Group by Nakano and (Sakuma)	Other names	Stress/hormone function†	AT1G63040.1	lllb (A-4)	ATERF026		AT1G15360.1	va (B-6)	WIN1, SHN1, ATERF001	biotic, water, drought <sup>19</sup>	Os02g06330.1	vllla	OsERF132		AT4G17500.1	ixa (B-3a)	ATERF1, ATERF100		Os01g64790.1	xa	OsERF099, OsEREBP2	salt, cold, ABA, drought <sup>16</sup>	
AT1G01250.1	llla (A-4)	ATERF023	drought <sup>22</sup>	AT2G36450.1	llb (A-4)	HARDY, ATERF024	water, salt, biotic <sup>23</sup> , drought <sup>1</sup>	AT4G13620.1	lb (A-6)	ATERF062		Os03g08460.1	vlla	OsERBP89, OsERF060		ethylene/development <sup>19</sup>	AT5G47220.1	ixa (B-3a)		ATERF2	Os02g34260.1	xa	OsERF098	
AT1G19210.1	lllb	ATERF017		AT5G52020.1	lllb (A-4)	ATERF025	biotic <sup>23</sup>	AT4G17490.1	ixb (B-3b)	ATERF6, ATERF103	cold <sup>4</sup>	Os03g08490.1	vlla	OsERF069	AT5G51190.1	ixb (B-3b)	ATERF105	Os02g34270.1		xa	OsERF125			
AT1G22810.1	llc	ATERF019		Os02g5420.1	llb	OsERF020		AT5G11190.1	va (B-6)	SHN2, ATERF004		Os03g08500.1	vlla	OsERF064, OsBIERF4	biotic, salt, cold, drought, wounding <sup>6</sup>	AT5G61600.1	ixb (B-3b)	ATERF104		Os02g43790.1	ixa	OsERF091, OsBIERF3	biotic, salt, cold, drought, wounding <sup>6</sup>	
AT1G33760.1	llla (A-4)	ATERF022		Os10g38000.1	llc	OsERF018		AT5G25190.1	va (B-6)	ATERF003		Os04g31970.1	xa	OsERF100	Os04g54900.1	ixa	OsERF092	Os03g22170.1		vlla	OsERF066			
AT1G46768.1	lla	RAP2.1, ATERF006		Group IIlc			cold, drought <sup>14</sup>	Group VI			cold <sup>4</sup>	Group VIIc			ethylene/development <sup>19</sup>	Group IXa			ABA <sup>13</sup> , JA <sup>14</sup> , SA <sup>3</sup>	Group IXb			salt, cold, ABA, drought <sup>16</sup>	
AT1G71520.1	llc	ATERF020		AT1G12610.1	lllc (A-1)	ATERF033		AT5G25390.1	va (B-6)	SHN3, ATERF005		Os04g31970.1	xa	OsERF100		AT4G17500.1	ixa (B-3a)	ATERF1, ATERF100		Os01g64790.1	xa	OsERF099, OsEREBP2	salt, cold, ABA, drought <sup>16</sup>	
AT1G74930.1	lllb	ATERF018		AT1G63030.1	lllc (A-1)	DDF1, ATERF032	GA, salt, cold, drought <sup>19</sup>	AT5G47230.1	ixb (B-3b)	ATERF5, ATERF102	cold <sup>4</sup>	Os03g08460.1	vlla	OsERBP89, OsERF060		AT5G47220.1	ixa (B-3a)	ATERF2		Os02g34260.1	xa	OsERF098		
AT1G23340.1	lla	ATERF008		AT4G25470.1	llc (A-1)	CRF2, DREB1C, ATERF030	cold <sup>19</sup>	Os02g10760.1	va	OsERF003		Os03g08490.1	vlla	OsERF069		AT5G51190.1	ixb (B-3b)	ATERF105		Os02g34270.1	xa	OsERF125		
ATERF011, DEAR1, CEJ1	lla	ATERF011, DEAR1, CEJ1		AT4G25480.1	llc (A-1)	CRF3, DREB1A, ATERF031	cold <sup>19</sup>	Os04g31970.1	va	OsERF129		Os04g31970.1	xa	OsERF100	Os04g54900.1	ixa	OsERF092	Os03g22170.1		vlla	OsERF066	biotic, salt, cold, drought, wounding <sup>6</sup>		
RAP2.9, ATERF007	lla	RAP2.9, ATERF007		AT4G25490.1	llc (A-1)	CBF1, DREB1B, ATERF029	cold <sup>13</sup> , drought	Os06g0340.1	va	OsERF002	ABA, ethylene <sup>48</sup>		Os04g52090.1	vlla	OsERF077	Os07g47790.1	vlla	OsERF067		Os04g46220.1	ixa	OsERF1	biotic, ethylene/development <sup>22</sup>	
RAP2.10, ATERF009	lla	RAP2.10, ATERF009		AT4G36000.1	lla	RAP2.10, ATERF009		AT4G36000.1	lla	OsERF001		Os06g47590.1	vllla	OsERF121	Os10g25170.1	vlla	OsERF059	Os05g36100.1		xc	OsERF105			
ATERF016	llb	ATERF016		AT5G21960.1	llb	ATERF016		Os01g73770.1	llc	OsERF027, OsDREB1F	drought, salt, cold <sup>49</sup>	Os08g42550.1	xc	OsERF106	Pp1s1_34v6.1			Pp1s14_458v6.1						
ATERF010	llb	ATERF010		AT5G67190.1	llb	ATERF010		Os02g45450.1	llc	OsERF025		Pp1s17_332v6.1			Pp1s15_457v6.1			Pp1s17_144v6.1①						
OsERF011	llb	OsERF011		Os02g54050.1	llb	OsERF011		Os04g48350.1	llc	OsERF030		Pp1s107_45v6.1			Pp1s25_13v6.1			Pp1s41_212v6.1						
OsERF008	llb	OsERF008		Os04g55520.1	llb	OsERF008		Os06g03670.1	llc	OsDREB1C, OsERF026	cold, drought <sup>15</sup>	Pp1s174_79v6.1			Pp1s26_306v6.1			Pp1s122_23v6.1						
OsERF007	llb	OsERF007		Os06g07030.1	llb	OsERF007		Os08g43200.1	llc	OsERF028		Pp1s179_29v6.1			Pp1s37_29v6.1			Pp1s160_12v6.1						
				Os06g09717.1				Os08g43210.1	llc	OsERF029		Pp1s225_102v6.1			Pp1s145_159v6.1			Pp1s181_69v6.1						
Os06g09760.1	llb	OsERF016		cold <sup>19</sup> , drought <sup>17</sup> , salt <sup>25</sup>	Os09g35010.1	llc	OsDREB1B, OsERF031	cold <sup>19</sup> , drought <sup>17</sup> , salt <sup>25</sup>	Pp1s296_69v6.1			Development <sup>19</sup>	Group VIIc			oxidative, IAA/Auxin, JA, biotic <sup>23</sup>	Group IXa			ABA <sup>13</sup> , JA <sup>14</sup> , SA <sup>3</sup>	Group IXb			salt, cold, ABA, drought <sup>16</sup>
Os06g09790.1	llb	OsERF015	Os09g35020.1		llc	OsERF133	Group	AT2G37130.1①	xc (B-4)	ATERF112		Pp1s183_10v6.1			Pp1s199_50v6.1			AT2G20350.1	xb-l (B-6)	ATERF120				
Os06g09810.1	llb	OsERF014		Os09g35030.1	llc	OsDREB1A, OsERF024	cold, drought <sup>17</sup> , salt <sup>19</sup>	AT2G37130.1①	xc (B-4)	ATERF112		Pp1s183_10v6.1			Pp1s199_50v6.1			AT5G19790.1	vb (B-6)	RAP2.11, ATERF002	abiotic stress <sup>12</sup>			
Os06g11940.1	llb	OsERF013	Group IIId			cold, drought, wounding <sup>10</sup>	Group VIIa			Development <sup>19</sup>	Group VIIc			ethylene/development <sup>19</sup>	Group IXa			ABA <sup>13</sup> , JA <sup>14</sup> , SA <sup>3</sup>	Group IXb			salt, cold, ABA, drought <sup>16</sup>		
			AT1G71130.1	vi (B-5)	CRF8, ATERF070		Cytokinin <sup>11</sup> , phosphate, GA <sup>10</sup>	AT5G50080.1	xc (B-4)		ATERF110		Pp1s296_32v6.1				AT1G03800.1		vllla (B-1)	ATERF10, ATERF077	Aux/IAA <sup>17</sup>	AT1G43160.1	xa (B-4)	RAP2.6, ATERF108
Pp1s18_127v6.1			AT1G77200.1	llle (A-4)	ATERF037		Os01g12440.1	vi	OsERF053		AT1G28360.1	vllla (B-1)	ATERF12, ATERF081			AT4G17500.1	ixa (B-3a)		ATERF1, ATERF100	Os01g64790.1	xa	OsERF099, OsEREBP2	salt, cold, ABA, drought <sup>16</sup>	
Pp1s15_186v6.1			AT2G25820.1	llle (A-4)	ATERF042		Os01g46870.1	vi	OsERF054		AT1G28370.1	vllla (B-1)	ATERF11, ATERF081		GA, ethylene biosynthesis <sup>18</sup>	AT5G47220.1	ixa (B-3a)		ATERF2	Os02g34260.1	xa	OsERF098		
Pp1s15_189v6.1			AT2G44940.1	llld (A-1)	ATERF034		Os05g25260.1	vi																