Supplementary Material

Constructing Networks of Organelle Functional Modules in Arabidopsis

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Table S1. The twelve selected organelle terms in the cellular component category of Gene Ontology for organelle gene labeling.

Organelle	GO Term ID	Number of Child Terms	Number of Gene Annotations
Chloroplast	GO:0009507	48	3956
Endoplasmic Reticulum	GO:0005783	85	542
Golgi Apparatus	GO:0005794	37	909
Mitochondria	GO:0005739	83	3561
Vacuole	GO:0005773	68	854
Nucleus	GO:0005634	442	9460
Glyoxysome	GO:0009514	1	1
Lysosome	GO:0005764	26	1
Peroxisome	GO:0005777	20	181
Proteasome	GO:0000502	20	53
Ribosome	GO:0005840	171	446
Vesicle	GO:0031982	33	53

Table S2. The number of multi-location genes under different abiotic stress conditions.

Pressures	#Source Genes	#Multi-location Genes	Percentage
Wounding	1703	134	0.08
Drought	1337	106	0.08
Cold	4588	399	0.09
UV	4269	411	0.10
Salt	2491	252	0.10
Heat	3715	405	0.11
Osmotic	5462	683	0.13

Table S3. Cold

Chloroplast-9	Chloroplast-8	Chloroplast-7	Chloroplast-6	Chloroplast-5	Chloroplast-3	Chloroplast-2	Chloroplast-1	Module Name
AT3G19480	AT5G22330	AT1G65230	AT2G21660	AT1G11720	AT1G62780	AT1G26220	AT5G38530	**Genes**
AT1G66330	AT4G35630	AT3G51420	AT1G62730	AT1G70410	AT2G35370	AT5G04140	AT2G39470	
AT3G10230	AT5G61820	AT4G38350	AT4G19390	AT1G31170	AT1G12330	AT3G59090	AT4G11410	
AT3G10420	AT1G80270	AT1G19150	AT3G55450	AT3G29240	AT3G52750	AT5G52280	AT4G24810	
AT5G58870	AT5G09840	AT2G31670	AT3G13720	AT1G22630	AT3G62410	AT1G15960	AT1G76730	
AT3G01180	AT1G06380	AT2G04790	AT5G55610	AT1G22140	AT2G47910	AT1G77670	AT1G54350	
AT2G41040	AT1G59870	AT3G02690	AT4G02370	AT4G20010	AT5G09820	AT4G09350	AT2G32480	
AT1G50250	AT5G55200	AT1G31230	AT1G30960	AT4G25080	AT3G27890	AT1G67730	AT2G30390	
AT5G13770	AT1G61570	AT3G56040	AT5G05220	AT4G30993	AT1G19670	AT3G25690	AT2G45740	
AT3G22890	AT4G11600	AT1G24020	AT1G09780	AT3G52720	AT3G16250	AT3G54290	AT1G49750	
AT2G38780	AT1G29940	AT5G65490	AT3G15357	AT3G02050	AT3G05230	AT3G44720	AT1G14150	
AT5G23060	AT2G25530	AT4G14510	AT3G27300	AT5G45410	AT3G50920	AT4G33580	AT5G25630	
AT1G75100	AT5G64640	AT1G67080	AT3G09440	AT1G70580	AT3G01440	AT5G53170	AT5G48910	
AT5G24850	AT3G06530	AT3G14210	AT3G53460	AT2G27810	AT2G17240	AT4G27600	AT2G17972	
AT4G32770	AT2G44510	AT2G01590	AT1G78930	AT2G47450	AT5G47420	AT4G14680	AT4G20840	
AT3G26570	AT4G20890	AT2G38760	AT2G28900	AT2G22330	AT2G02810	AT5G01920	AT5G62140	
AT2G41120	AT2G31955	AT2G31790	AT2G04350	AT1G49975	AT1G04980	AT2G41770	AT3G25130	
AT1G26560	AT3G49240	AT1G14900	AT5G27380	AT1G76080	AT4G13670	AT5G53580	AT4G34830	
AT4G04850	AT5G15810	AT2G41720	AT5G10100	AT2G42690	AT4G15440	AT3G17470	AT2G27820	
AT4G15530	AT5G07010	AT5G06340	AT2G26150	AT4G13050	AT1G66970	AT4G16410	AT5G55740	
AT5G22510	AT5G04600	AT1G60690	AT5G16380	AT5G47970	AT3G15095	AT3G60620	AT5G62840	
AT3G15850	AT4G34950	AT4G20760	AT1G04945	AT2G42490	AT5G20935	AT3G48200	AT2G36835	
AT1G16720	AT4G10760	AT4G29750	AT3G46970	AT3G11750	AT4G05390	AT1G47128	AT2G36830	
AT5G02120	AT2G19860	AT1G06510	AT1G23070	AT3G27020	AT5G02940	AT3G01120	AT5G58260	
	AT1G24310	AT5G22860	AT4G39730	AT1G80830	AT4G38060	AT1G10960	AT3G06510	
	AT2G42530	AT1G35340	AT2G47840	AT4G09650	AT1G59960	AT4G25700	AT4G39950	
		AT5G26820	AT5G41670	AT1G76100	AT3G45050	AT4G04830	AT4G10470	
			AT1G11220	AT1G74530	AT4G14100	AT3G13070	AT3G25805	
			AT4G30840	AT2G14750	AT4G36910	AT3G29200	AT2G21950	
				AT2G45960	AT1G18170	AT3G26320	AT1G56190	
					AT1G05560	AT2G24280	AT4G25720	
					AT1G67930	AT1G49380	AT2G32765	
						AT1G16080	AT2G22360	
						AT5G58770	AT5G52780	
						AT2G17220	AT5G46390	
						AT1G64680	AT4G09620	
						AT4G18570	AT3G26085	
							AT1G53280	
							AT1G17745	
							AT1G30530	
							AT5G61790	
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							AT2G20830	
							AT1G17100	
							AT1G08250	
							AT1G52590	
							AT1G44920	
							AT1G11700	
							AT3G57190	
							AT5G57930	
							AT1G05140	
							AT5G60400	
							AT2G32290	
							AT3G10840	

Chloroplast-23	Chloroplast-22	Chloroplast-19	Chloroplast-18	Chloroplast-17	Chloroplast-16	Chloroplast-12	Chloroplast-11	Chloroplast-10
ATCG01060	AT3G47860	AT1G20510	AT1G31690	AT2G16600	AT5G52570	AT3G59400	AT4G36040	AT5G53460
ATCG00270	AT2G26510	AT2G16890	AT2G15820	AT3G18080	AT3G01550	AT4G17340	AT1G15820	AT5G63420
AT2G30930	AT1G20020	AT4G14690	AT5G03630	AT3G52180	AT5G64940	AT3G26520	ATCG01020	AT4G13250
AT1G77060	AT5G64860	AT5G43260	AT5G57850	AT4G18240	AT1G32900	AT3G17040	AT3G47470	AT5G62720
AT1G69040	AT1G13270	AT3G56090	AT5G52810	AT3G15840	AT5G24120	AT3G16240	AT5G01600	AT5G51820
ATCG00680	AT1G08550	AT1G76360	AT3G26060	AT5G26570	AT2G40400	AT1G01620	AT5G02180	AT3G26580
AT2G41560	AT3G29320	AT3G22840	AT3G45140	AT5G11670	AT1G10370	AT1G05900	AT2G25080	AT5G17520
ATCG01050	AT4G09020	AT3G14050	AT3G28940	AT4G26370	AT1G06570	AT1G64970	AT3G28220	AT1G73820
AT4G20820	AT1G21750	AT3G14440	AT3G46790	AT1G29390	AT3G01060	AT4G19830	AT1G58290	AT2G36230
AT2G25800	AT2G40840	AT2G26560	AT4G38460	AT3G04550	AT1G06430	AT3G61430	AT2G42220	AT1G65900
AT1G13700	AT1G79460	AT3G11490	AT5G65205	AT2G22450	AT4G31870	AT1G21640	AT5G67030	AT1G21600
ATCG00280	AT5G08410	AT4G20830	AT1G63940	AT1G35720	AT5G12470	AT1G32220	AT5G13630	AT2G03420
		AT1G61800	AT5G52540	AT1G80480	AT4G34350	AT4G12980	AT4G11830	AT2G37660
					AT2G47490	AT3G53420	AT3G27690	AT3G12700
						AT1G68830	ATCG00050	AT4G26070
						AT2G45180	AT3G54890	AT4G31050
						AT1G64860	AT2G29650	AT1G03475
						AT5G44020	AT5G54270	AT3G63160
							AT4G35770	AT5G26880
							AT5G35970	AT1G73655
							AT4G13010	AT1G09795
								AT4G27800
								AT5G58250
								AT3G51430

Chloroplast-35	Chloroplast-34	Chloroplast-33	Chloroplast-32	Chloroplast-31	Chloroplast-28	Chloroplast-26	Chloroplast-25
AT3G28130	AT2G39660	AT2G29630	AT1G78570	AT5G19940	AT1G07010	AT1G05385	AT1G30360
AT3G14930	AT3G23170	AT1G04620	AT1G09575	AT1G75250	AT4G34240	AT2G43100	AT2G31810
AT4G17470	AT1G72520	AT5G23240	AT3G24190	AT5G54510	AT4G35090	AT2G39930	AT2G29090
AT4G38840	AT5G66650	AT5G04360	AT1G17050	AT3G08940	AT2G21330	AT5G18100	AT2G44490
AT4G14870	AT3G50480	AT2G47390	AT5G03555	AT1G09390	AT5G25140	AT5G52970	AT1G76180
AT1G14030	AT4G23810	AT2G16660	AT5G22630	AT1G21500	AT1G23740	AT1G60600	AT5G15190
AT2G44760	AT3G55120	AT2G04700	AT5G56980	AT5G04490	AT1G68010	AT1G55920	AT5G09440
			AT1G17420	AT1G44446	AT2G26080	AT3G29185	AT1G22530
					AT2G04039	AT3G09150	AT4G02380
					AT4G27030	AT3G16230	ATCG01070
							AT5G61210

Mitochondria-5	Mitochondria-2	Mitochondria-1	Chloroplast-43	Chloroplast-42	Chloroplast-41	Chloroplast-39	Chloroplast-38
AT4G03320	AT3G60980	AT1G10270	AT5G16660	AT1G20010	AT5G35170	AT4G02610	AT1G23400
AT1G79440	AT5G07440	AT1G53200	AT5G39790	AT4G26670	AT5G52100	AT4G33470	AT3G01370
AT5G47455	AT5G61810	AT2G21660	AT3G18420	AT1G10760	AT3G07310	AT3G10940	AT3G09580
AT2G16710	AT1G21540	AT1G80270	AT3G32930	AT3G02630	AT2G30790	AT2G16510	AT4G26530
AT3G22200	AT1G08610	AT5G09840	AT5G42890	AT1G67660	AT5G57170	AT3G18110	AT1G69370
AT4G14230	AT4G32400	AT5G15640				AT3G06840	AT1G75460
AT4G26670	AT4G27940	AT5G39840					
AT1G33970	AT3G06500	AT3G08950					
AT3G59820	AT5G20180	AT3G56260					
AT5G39410	AT4G24960	AT5G55610					
AT1G64600	AT3G22370	AT5G62150					
AT1G10760	AT2G35750	AT1G62720					
AT4G18520	AT4G30670	AT5G42150					
AT2G38670	AT5G58070	AT4G21580					
AT1G20630	AT4G11600	AT5G55200					
AT2G01170	AT5G27520	AT1G09780					
AT2G15970	AT5G14550	AT4G36680					
AT2G14170	AT5G63990	AT3G26782					
	AT3G15730	AT1G61870					
	AT1G21790	AT3G53940					
	AT2G40240	AT1G25240					
	AT4G23000	AT2G47770					
	AT5G58690	AT1G78930					
	AT1G11170	AT2G17670					
	AT3G24840	AT2G31955					
	AT1G48920	AT3G49240					
	AT1G76590	AT2G18520					
	AT1G79660	AT2G26230					
	AT3G25140	AT5G09420					
	AT1G14530	AT3G51790					
	AT5G26830	AT2G19860					
	AT4G05020	AT1G55900					
	AT5G61370	AT5G48970					
	AT4G22270	AT3G48250					
		AT2G47840					
		AT5G41670					
		AT4G38150					
		AT3G27380					
		AT4G33905					
		AT1G71210					
		AT1G71850					
		AT5G16930					
		AT4G35260					
		AT5G17190					

Endoplasmic_Reticulum-5	Endoplasmic_Reticulum-4	Endoplasmic_Reticulum-3	Endoplasmic_Reticulum-2	Mitochondria-28	Mitochondria-25	Mitochondria-23	Mitochondria-13
AT4G20070	AT2G45980	AT3G55360	AT5G64510	AT1G59510	AT1G10070	AT1G07180	AT5G55790
AT1G21460	AT5G57655	AT4G37410	AT1G68530	AT1G24240	AT2G38400	AT5G24120	AT1G29440
AT4G27500	AT1G06080	AT3G18490	AT1G14360	AT1G13270	AT3G13450	AT1G06570	AT1G29510
AT4G37640	AT1G16850	AT5G35080	AT3G05230	AT1G26440	AT1G03090	AT1G06430	AT1G29450
AT2G31360	AT4G23630	AT4G38220	AT5G47420	AT1G20620	AT3G45300	AT1G64900	AT1G29460
AT1G19370	AT5G41600	AT5G10480	AT2G02810		AT3G03840	AT5G12470	AT1G29500
AT5G47120	AT5G58070	AT3G27325	AT1G52260		AT2G18700	AT2G47490	AT1G74940
	AT3G57010	AT4G01510	AT1G04980				AT3G30720
		AT3G66658	AT5G52420				AT4G38850
		AT4G35420	AT3G56950				AT3G27770
		AT3G07140	AT1G25450				AT2G32090
		AT3G25540	AT2G24180				
			AT3G63080				
			AT1G55850				

Golgi_Apparatus-7	Golgi_Apparatus-5	Ribosome-3	Ribosome-2	Ribosome-1	Endoplasmic_Reticulum-9	Endoplasmic_Reticulum-8	Endoplasmic_Reticulum-6
AT3G50380	AT1G70090	AT1G17460	AT5G39850	ATCG01020	AT1G67730	AT4G31500	AT1G64400
AT4G39170	AT4G25810	AT3G18080	AT1G01120	AT5G59240	AT1G01120	AT4G22340	AT2G32720
AT3G22200	AT2G23810	AT1G24240	AT4G35090	AT1G23410	AT4G28270	AT5G42800	AT4G36220
AT5G42420	AT3G23750	AT5G24490	AT3G14210	AT5G20180	AT5G61790	AT4G04955	AT2G30490
AT5G62740	AT2G44500	AT1G20620	AT2G21330	AT5G15750	AT5G17400	AT4G37430	AT5G13640
AT3G62700	AT5G06320		AT1G03090	AT2G44860			AT2G40890
AT5G41460	AT1G35140		AT1G49400	AT3G09440			AT1G20330
AT5G51570	AT5G37770		AT1G66200	AT2G32220			
AT2G34850	AT3G62720			AT3G57490			
	AT5G57560			AT4G11830			
	AT3G25600			AT1G80750			
	AT3G28340			ATCG00050			
	AT4G30440			AT5G37600			
				AT5G55990			
				AT1G20630			
				ATCG00330			
				AT2G45710			

Vacuole-3	Vacuole-2	Vesicle-1	Golgi_Apparatus-14	Golgi_Apparatus-13	Golgi_Apparatus-11	Golgi_Apparatus-9	Golgi_Apparatus-8
AT5G23820	AT4G17140	AT1G07000	AT5G24810	AT5G65470	AT3G15940	AT4G30270	AT2G38120
AT3G51730	AT1G09850	AT5G61010	AT3G49780	AT5G53570	AT5G12200	AT3G02250	AT5G14430
AT4G33000	AT1G02816	AT5G46860	AT1G66180	AT1G23410	AT1G80050	AT1G71040	AT3G26520
AT2G02020	AT3G10410	AT3G15730	AT2G37970	AT2G33570	AT2G02040	AT3G45970	AT3G16240
AT4G38220	AT1G62290	AT5G16830	AT5G16830	AT2G35650	AT2G24630	AT5G16910	AT1G23480
AT4G10060	AT2G30870	AT1G70940	AT4G30280	AT1G22530	AT1G55130	AT3G50760	AT1G75220
AT2G38760	AT5G46860				AT3G25540	AT1G52280	AT2G30490
AT5G49760	AT2G06925					AT4G27720	AT1G20330
AT1G14700	AT1G04400					AT5G06700	AT1G67330
AT3G27020	AT4G23600						
AT2G04690	AT1G75780						
AT5G60360	AT4G16190						
AT1G09010	AT5G11670						
AT1G62200	AT3G62550						
AT3G50750	AT1G21680						
AT4G23670	AT1G20620						
	AT1G80310						
	AT1G21750						
	AT1G35720						

Nucleus-6	Nucleus-5	Nucleus-3	Vacuole-18	Vacuole-11	Vacuole-8	Vacuole-6	Vacuole-4
AT5G22840	AT3G16840	AT5G06710	AT3G01290	AT5G61820	AT3G26590	AT4G17340	AT5G07440
AT1G10270	AT4G15770	AT5G08130	AT1G69840	AT4G01320	AT3G11700	AT5G14430	AT4G17550
AT1G31660	AT5G35910	AT1G80110	AT5G20230	AT3G06530	AT3G57330	AT2G07680	AT1G04430
AT2G21660	AT1G18850	AT5G08620	AT2G37970	AT4G20890	AT4G12420	AT3G26520	AT2G23150
AT4G28450	AT4G25320	AT3G55380	AT1G09070	AT5G13750	AT1G66200	AT3G17040	AT1G08920
AT4G01560	AT3G13330	AT4G25520		AT5G12140	AT2G34660	AT3G16240	AT4G23630
AT2G19385	AT1G08580	AT2G45980		AT3G05630	AT5G13930	AT3G61430	AT3G18440
AT2G19380	AT5G63120	AT1G67310			AT5G48570	AT1G75220	AT5G12010
AT5G44170	AT3G19840	AT4G12070				AT1G64720	AT5G14570
AT5G61380	AT1G06380	AT1G15580				AT3G53420	AT5G58070
AT2G33730	AT1G75670	AT1G77180				AT5G13640	AT3G61260
AT1G62740	AT3G01560	AT1G62570				AT5G44020	AT5G42570
AT2G32250	AT2G17560	AT2G12550					AT5G55400
AT1G69260	AT3G18600	AT5G28150					AT4G31140
AT4G10620	AT5G15750	AT5G63320					AT1G67360
AT3G02990	AT3G13940	AT1G10410					AT3G23810
AT3G56260	AT3G01540	AT5G12010					
AT1G03530	AT2G40780	AT4G18390					
AT3G16810	AT4G28200	AT4G15130					
AT2G18900	AT1G16810	AT3G03920					
AT1G69070	AT4G25340	AT5G52660					
AT4G39670	AT4G25630	AT1G27910					
AT3G06530	AT1G28060	AT1G05805					
AT1G14060	AT5G62190	AT1G02270					
AT2G45900	AT3G05060	AT3G08710					
AT5G12220	AT2G29540	AT1G21660					
AT3G12860	AT2G47990	AT5G04670					
AT3G09480	AT2G37990	AT2G18915					
AT1G55170	AT1G48920	AT2G18350					
AT4G18650	AT1G02330	AT3G29575					
AT1G79150	AT5G24840	AT1G32870					
AT4G23540	AT3G57150	AT5G52310					
AT3G11964	AT4G26750	AT1G53910					
AT5G22380	AT3G15460	AT1G09350					
AT4G26600	AT2G34570	AT1G03250					
AT5G54910	AT3G22660	AT3G25870					
AT1G04945	AT1G04780	AT5G63370					
AT2G40080	AT2G39250	AT5G54930					
AT3G05630	AT5G42060	AT4G15420					
AT5G66540	AT1G01420	AT3G25730					
AT3G57940	AT1G07360	AT5G44210					
AT1G80040	AT2G24500	AT2G45660					
AT4G37090	AT4G34910	AT1G43860					
AT1G67920	AT2G29210	AT4G14900					
AT3G49210	AT3G55620	AT3G50960					
AT4G26080	AT5G11240	AT4G36900					
AT4G32720	AT5G20160	AT1G27760					
	AT3G58660	AT1G02860					
		AT2G22080					
		AT2G03820					
		AT1G76580					
		AT2G28510					
		AT4G36920					
		AT3G22260					
		AT1G52930					
		AT1G49720					
		AT1G06770					
		AT1G30330					
		AT3G19470					

Nucleus-24	Nucleus-19	Nucleus-17	Nucleus-16	Nucleus-14	Nucleus-10	Nucleus-9	Nucleus-7
AT3G50700	AT4G35480	AT1G51660	AT5G60970	AT3G02890	AT5G02670	AT1G55520	AT3G07590
AT5G12050	AT3G15540	AT2G35940	AT5G07240	AT4G10120	AT5G37290	AT1G49010	AT5G55920
AT4G28140	AT2G40130	AT3G46930	AT4G26850	AT3G21870	AT3G11090	AT1G77920	AT5G22330
AT2G35700	AT1G34260	AT2G39660	AT1G70210	AT2G26250	AT1G49480	AT3G10525	AT1G55500
AT5G39760	AT1G07630	AT2G23320	AT3G20060	AT2G34710	AT2G40020	AT4G33470	AT3G10530
AT1G09570	AT5G63770	AT5G49520	AT5G05800	AT5G47610	AT2G04230	AT1G01770	AT1G59600
AT5G59450	AT3G49990	AT5G10750	AT3G13000	AT3G55960	AT5G60230	AT4G22910	AT3G01160
AT1G09950	AT5G47060	AT5G51460	AT3G25690	AT4G24760	AT5G46030	AT2G47910	AT3G56990
AT3G13350	AT2G30990	AT1G74450	AT2G28200	AT3G61670	AT3G13030	AT5G10650	AT5G06550
AT4G29440	AT1G67970	AT1G21050	AT5G55300	AT4G22753	AT3G61550	AT4G02210	AT4G05410
AT5G14370	AT3G50260	AT3G09520	AT3G02830	AT4G17880	AT3G05750	AT3G53570	AT3G21540
AT1G75180	AT5G15850	AT3G52800	AT2G38310	AT1G70000	AT3G55530	AT1G09415	AT4G25730
AT5G19530	AT4G33985	AT5G25440	AT5G55120	AT5G53370	AT4G32980	AT2G17240	AT1G06720
AT5G35460	AT2G22840	AT4G17670	AT5G20220	AT4G27230	AT5G22280	AT1G30200	AT3G55510
AT5G06980	AT5G54470	AT3G55120	AT5G43270	AT2G32160	AT5G61420	AT3G61950	AT2G44860
AT5G06700	AT1G73630	AT1G61340	AT5G09230	AT3G22420	AT4G30400	AT3G46530	AT4G04940
	AT1G70420	AT5G62520	AT1G30500	AT1G20090	AT1G65070	AT4G01460	AT1G54770
	AT3G11020	AT3G57530	AT4G38430	AT3G25500	AT5G48640	AT2G03550	AT2G17250
		AT1G17380	AT3G21240	AT3G54220	AT5G04320	AT4G38620	AT2G18220
		AT1G28380	AT1G62540	AT5G49100	AT1G54060	AT3G23690	AT4G02400
		AT2G16720	AT5G50020	AT1G50840	AT4G37080	AT5G02940	AT1G30240
				AT5G65440	AT5G16800	AT1G60010	AT2G44510
					AT3G50880	AT4G13100	AT5G06460
					AT1G28560	AT5G26990	AT3G13230
					AT1G21560	AT5G53940	AT1G15440
						AT1G14440	AT5G37130
						AT1G51360	AT1G77570
							AT5G15490
							AT5G04600
							AT5G64680
							AT5G41010
							AT5G15550
							AT3G57760
							AT5G16750
							AT5G57280
							AT2G27840
							AT2G45710
							AT3G25940

Nucleus-48	Nucleus-47	Nucleus-46	Nucleus-43	Nucleus-41	Nucleus-36	Nucleus-33	Nucleus-27
AT5G26920	AT3G23280	AT1G23550	AT5G41190	AT3G11690	AT2G25690	AT1G56170	AT5G05140
AT1G12610	AT5G60100	AT2G24330	AT5G14520	AT4G14550	AT2G31380	AT5G02490	AT5G62470
AT1G76650	AT2G02760	AT3G17609	AT5G61020	AT1G75250	AT5G20150	AT5G56030	AT3G57930
AT3G46620	AT2G05630	AT1G01560	AT5G42900	AT5G28770	AT1G75860	AT3G09440	AT5G59550
AT3G02840	AT2G25730	AT2G27260	AT2G40360	AT1G70100	AT2G21320	AT5G16970	AT3G49530
AT3G54000	AT3G50500	AT4G32800	AT3G57660	AT4G08920	AT2G24240	AT2G14460	AT1G19050
AT2G41010	AT1G49650	AT2G31370	AT5G52820	AT4G27450	AT3G54500	AT3G20810	AT3G50910
AT4G31000	AT2G26580	AT5G39785	AT1G72440	AT3G59060	AT5G04820	AT4G22820	AT3G24520
AT5G51990	AT2G25930	AT3G21890	AT3G60360	AT1G09250	AT3G16560	AT5G57610	AT5G59820
AT1G80840	AT1G35720	AT1G77500	AT4G35940	AT4G15530	AT3G12320	AT2G26150	AT4G39140
				AT1G69780	AT4G16750	AT3G53230	AT2G40140
					AT2G46830	AT3G18930	AT5G22250
						AT1G01720	AT5G45550
							AT4G21560
							AT1G18400

Nucleus-63	Nucleus-61	Nucleus-60	Nucleus-57	Nucleus-56	Nucleus-51	Nucleus-50	Nucleus-49
AT5G65640	AT3G22830	AT4G35310	AT2G39650	AT3G07360	AT4G01250	AT3G45640	AT1G28010
AT5G51910	AT5G64850	AT3G23620	AT4G25490	AT1G78600	AT3G44260	AT5G62920	AT5G02840
AT4G22560	AT3G51920	AT5G62440	AT1G63750	AT4G29610	AT5G43760	AT3G56880	AT4G38960
AT1G63240	AT1G75440	AT5G67470	AT4G18880	AT4G11330	AT2G25250	AT4G33050	AT4G02200
AT3G02120	AT2G34650	AT2G40430	AT4G08850	AT5G60850	AT1G76600	AT2G30040	AT1G64530
AT3G10120	AT3G17800	AT1G56110	AT1G28370	AT3G05800	AT1G51700	AT1G76880	AT1G01060
AT5G03050	AT5G53290	AT5G48250	AT2G17040	AT3G53000	AT3G16720	AT3G48100	AT3G27170
AT4G28310	AT2G44940	AT1G13160	AT4G34410	AT2G42580	AT1G18570	AT3G24050	AT1G74430
			AT4G23810	AT4G35110	AT1G70740	AT1G67340	AT3G52740
					AT1G25400	AT2G38470	AT3G60200

Peroxisome-1	Nucleus-91	Nucleus-88	Nucleus-87	Nucleus-76	Nucleus-70	Nucleus-69	Nucleus-66
AT1G20560	AT3G50060	AT1G24440	AT2G32710	AT1G07000	AT3G02140	AT1G68670	AT3G55980
AT2G31670	AT4G17500	AT5G24660	AT4G12690	AT5G52750	AT1G61660	AT2G26980	AT4G01090
AT2G45740	AT5G48850	AT1G80630	AT1G68840	AT5G04340	AT1G53170	AT5G47370	AT1G27100
AT3G01980	AT1G25550	AT3G22231	AT2G18300	AT4G17230	AT3G11410	AT5G05440	AT1G74890
AT5G18100	AT1G21910	AT1G13880	AT2G25900	AT5G42050	AT4G37790	AT5G59430	AT3G20340
AT3G14210				AT5G24590	AT1G06160	AT2G42380	AT1G27730
AT1G30520					AT3G19580	AT5G47220	AT4G17490
AT3G47430							
AT3G27820							

Peroxisome-3	Peroxisome-4
AT1G60550	AT2G21660
AT3G16910	AT1G69270
AT1G70580	AT3G04460
AT1G68010	AT2G26230
AT2G42490	AT4G33905
AT3G07560	

Table S3. Drought

Chloroplast-10	Chloroplast-8	Chloroplast-7	Chloroplast-6	Chloroplast-5	Chloroplast-4	Chloroplast-3	Module Name
ATCG01120	AT3G51450	AT5G43745	AT4G31870	ATCG00430	AT4G18740	AT1G18740	**Genes**
AT5G26030	AT1G17745	AT2G02810	AT1G13270	ATCG00500	AT1G10070	AT5G44070	
ATCG00150	AT2G38750	AT1G04980	AT5G58770	ATCG00420	AT4G20260	AT3G14050	
ATCG00600	AT1G69370	AT5G24420	AT4G14690	ATCG00490	AT5G20250	AT2G26530	
ATCG00730	AT3G17810	AT5G61790	AT2G40400	AT4G27440	AT2G24762	AT1G66090	
ATCG00660	AT1G19670	AT1G30530	AT5G51720	ATCG00065	AT2G30930	AT1G72520	
ATCG01080	AT3G45140	AT5G64510	AT4G38100	AT5G03350	AT4G35770	AT5G54300	
ATCG01110	AT1G13280	AT2G24210	AT2G47490	AT2G26560	AT4G34770	AT5G63790	
AT1G61800	AT5G42650	AT5G01500	AT3G06530	ATCG00120	AT1G58180	AT3G48090	
		AT5G17990	AT2G36885	ATCG00130	AT1G72150	AT5G56980	
					AT3G03830	AT4G23810	
						AT1G27770	
						AT1G61890	
						AT5G66210	

Ribosome-1	Endoplas-mic_Reticulum-2	Mitochondria-8	Mitochondria-5	Mitochondria-3	Mitochondria-2	Chloroplast-14	Chloroplast-13
ATCG01120	AT1G14360	AT1G29510	AT1G11840	AT1G73500	AT3G45300	AT4G15210	AT1G31690
ATCG00490	AT5G13930	AT4G34760	AT1G65500	AT5G61810	AT4G18740	AT1G11840	AT4G14090
AT3G06680	AT1G29330	AT4G19430	AT1G65890	AT5G43150	AT1G03090	AT2G38760	AT5G54060
AT2G32060	AT2G02810	AT1G29440	AT5G61790	AT2G35710	AT4G28085	AT4G39940	AT3G54640
ATCG00065	AT1G04980	AT1G29450	AT4G39030	AT1G21790	AT3G30775	AT4G15440	AT3G59760
ATCG00660	AT5G61790	AT3G03840	AT3G59760	AT1G50740	AT3G13062	AT5G02940	AT2G04400
AT5G60670	AT5G42800		AT5G42650	AT5G06320	AT5G11070		
ATCG00330	AT5G64510		AT5G01500	AT5G10695	AT4G33150		
AT1G48630	AT3G18490			AT3G06500	AT1G22890		
AT2G32220				AT4G01950	AT2G35470		
AT1G23410				AT1G02390	AT1G29460		
AT2G39460				AT4G36500	AT1G58180		
				AT3G55840	AT5G23050		
					AT3G13450		

Nucleus-4	Nucleus-1	Vacuole-5	Vacuole-4	Vacuole-3	Golgi_Apparatus-5	Golgi_Apparatus-2	Golgi_Apparatus-1
AT3G05800	AT5G52760	AT1G11840	AT5G14120	AT4G16260	AT2G33570	AT1G70090	AT2G47770
AT2G46400	AT1G42990	AT1G19670	AT5G23210	AT3G09260	AT5G44130	AT1G24170	AT5G59220
AT5G45630	AT4G17230	AT2G38760	AT4G20260	AT1G75040	AT1G55850	AT5G57560	AT1G27200
AT1G61340	AT3G50260	AT4G29210	AT1G22740	AT3G51860	AT3G29810	AT4G25810	AT3G28340
AT1G60190	AT5G26920	AT5G17220	AT2G45170	AT5G61820	AT1G22530	AT2G44500	AT3G50760
AT2G20880	AT3G46110	AT1G78680	AT1G16390	AT3G12500		AT1G35140	AT1G29330
AT2G46370	AT1G77450	AT1G31550	AT3G07470	AT3G01290		AT5G64260	AT5G67210
AT4G28140	AT1G73805	AT4G23600	AT4G12420	AT2G41100		AT1G66180	AT2G23810
AT3G63060	AT5G63790		AT1G72150	AT3G14990		AT4G08950	AT5G06320
AT4G25490	AT2G17040			AT5G20230			AT4G19120
AT5G42380	AT2G22080						AT5G47910
AT1G64380	AT1G76650						AT1G43910
AT1G51700	AT2G46510						AT3G25600
AT2G44840	AT5G59550						AT5G37770
	AT1G74430						AT2G20370
	AT3G08720						AT4G30280
	AT3G15210						AT1G05170
	AT4G18880						
	AT3G16720						
	AT4G23810						
	AT5G52750						
	AT4G14365						
	AT5G62020						
	AT4G35110						

Nucleus-13	Nucleus-12	Nucleus-11	Nucleus-10	Nucleus-9	Nucleus-7	Nucleus-6	Nucleus-5
AT3G50060	AT4G33050	AT4G25630	AT3G50950	AT4G34710	AT5G59780	AT4G19530	AT3G61890
AT5G62470	AT3G26910	AT4G34290	AT1G19180	AT5G43745	AT4G17870	AT1G72360	AT5G59220
AT2G02450	AT1G76600	AT2G32060	AT3G15500	AT1G19640	AT2G38310	AT1G22330	AT4G38810
AT5G46710	AT2G38470	AT3G54560	AT5G24590	AT3G21770	AT2G40330	AT1G76890	AT4G36900
AT3G55980	AT4G34390	AT3G18130	AT2G20960	AT1G43160	AT2G48030	AT4G02540	AT4G16146
AT4G37790	AT5G47220	AT1G48630	AT2G42760	AT1G56650	AT1G26210	AT1G69760	AT4G21440
AT1G18570	AT4G17500	AT2G47240	AT3G52800	AT2G39770	AT5G40450	AT5G43270	AT1G20440
AT3G57530	AT4G11330	AT1G09200	AT3G11410	AT3G11480	AT1G07090	AT2G45170	AT1G56170
AT2G28305	AT5G42050	AT2G21650	AT4G27410	AT5G17220	AT4G28190	AT2G30520	AT3G19580
AT4G31550	AT4G12720	AT2G39460	AT3G49530	AT5G53120	AT5G46790	AT5G10030	AT3G23920
			AT2G46270	AT5G53420	AT3G60320	AT1G32460	AT5G59730
				AT5G02940	AT2G28720	AT1G01490	AT1G18710
					AT4G27900	AT4G36410	AT1G69260
					AT5G07580	AT5G44680	AT3G29575

Peroxisome-1	Nucleus-27	Nucleus-23	Nucleus-17	Nucleus-16	Nucleus-15
AT1G20510	AT2G42580	AT1G64360	AT1G21910	AT5G42760	AT3G24520
AT1G52400	AT2G42280	AT5G59080	AT3G57040	AT1G76240	AT5G51190
AT2G06050	AT1G73870	AT3G47160	AT5G28770	AT3G17609	AT5G47640
AT1G69270	AT1G69780	AT3G10020	AT1G68520	AT1G79150	AT5G61600
AT3G09260	AT1G63090	AT5G05090	AT2G42380	AT5G66740	AT2G39650
AT1G11840		AT4G14270	AT2G18300	AT3G44450	AT1G23710
AT1G52410			AT1G10020	AT2G45900	AT3G54000
AT5G48880			AT1G73830	AT3G06530	AT4G17490
AT3G15950			AT1G33240	AT2G19650	AT5G60610
AT5G27520					
AT4G16760					

Table S3. Salt

Chloroplast-9	Chloroplast-8	Chloroplast-6	Chloroplast-4	Chloroplast-3	Chloroplast-2	Chloroplast-1	Module Name
AT1G05385	AT4G26780	AT3G48730	AT4G00630	ATCG00270	AT5G45680	AT1G65230	**Genes**
AT1G74070	AT3G53460	AT1G01080	AT3G25110	ATCG00490	AT1G70410	AT3G48420	
AT3G52720	AT5G67510	AT5G52520	AT5G14780	ATCG00120	AT4G18370	AT1G79850	
AT1G62750	AT1G48460	AT3G55400	AT4G14090	AT5G63420	AT2G39470	AT1G22630	
AT2G36835	AT1G61740	AT5G40610	AT3G17820	ATCG00730	AT5G48220	AT5G46420	
AT5G09820	AT5G54510	AT5G55740	AT3G52180	ATCG00130	AT3G56650	AT1G17650	
AT1G59720	AT2G33210	AT2G30695	AT1G61800	AT2G06850	AT2G04790	AT5G52960	
AT1G49975	AT4G34138	AT2G29180	AT3G54400	ATCG00590	AT1G01390	AT2G34620	
AT3G01440	AT2G24120	AT3G07670	AT1G07040	ATCG01080	AT2G41680	AT4G01310	
AT3G13120	AT4G17090	AT5G45040	AT5G57560	ATCG00680	AT1G14150	AT5G48790	
AT1G73655	AT1G48570	AT2G28000	AT2G33150	ATCG00210	AT5G52100	AT1G19150	
AT3G63510	AT4G31210	AT5G45930	AT4G34950	ATCG00140	AT5G55220	AT2G40100	
AT3G45050	AT4G39260	AT5G66470	AT5G54060	ATCG00150	AT4G12830	AT1G77490	
AT3G11750	AT4G34740	AT1G33810	AT5G27280	ATCG01120	AT2G44920	AT5G51720	
AT3G15850	AT1G15510	AT4G37040	AT2G26150	ATCG00430	AT2G24090	AT1G03630	
	AT4G34770	AT3G06730	AT5G45550	ATCG00500	AT1G55370	AT5G02120	
	AT1G72150	AT2G35500	AT3G22840	ATCG00330	AT1G75690	AT3G56040	
		AT1G55490	AT5G17380	ATCG00190	AT5G18660	AT3G47070	
		AT3G62910	AT3G04000	ATCG01110	AT3G09210	AT3G43540	
			AT5G13490	ATCG00420	AT2G01590	AT1G12800	
			AT2G36750	ATCG00600	AT3G52150	AT1G56500	
			AT5G62530	ATCG00040	AT4G34090	AT5G01650	
			AT1G05560	AT1G70200	AT5G52970	AT1G29070	
			AT2G37770	ATCG01070	AT5G16715	AT4G20070	
				AT3G48500	AT1G30520	AT3G18890	
				ATCG00280	AT1G49380	AT1G12250	
				ATCG00660	AT5G47190	AT5G58260	
				ATCG00065	AT5G53580	AT2G43560	
					AT3G44890	AT3G17040	
					AT3G08920	AT4G04350	
					AT5G42670	AT1G21500	
					AT5G66530	AT3G16250	
					AT3G23700	AT5G02160	
					AT1G76450	AT5G57170	
					AT1G16880	AT2G30170	
					AT5G14660	AT4G39970	
					AT1G07320	AT1G08550	
					AT1G60160	AT5G22620	
					AT1G78180	AT4G35250	
					AT5G09650	AT1G09340	
					AT5G26820	AT5G16400	
						AT4G28025	
						AT2G38140	
						AT1G01790	
						AT5G38520	
						AT1G57770	
						AT3G63140	
						AT4G39710	
						AT1G48350	
						AT3G01060	
						AT3G27160	
						AT3G01480	
						AT3G61080	
						AT5G27560	
						AT5G27290	
						AT4G15510	
						AT5G19220	
						AT1G32990	
						AT4G25080	
						AT3G24430	
						AT5G08650	

Chloroplast-24	Chloroplast-21	Chloroplast-17	Chloroplast-15	Chloroplast-14	Chloroplast-13	Chloroplast-12	Chloroplast-11
AT3G05660	AT3G03630	AT5G14910	AT4G32920	AT2G21590	AT4G16390	AT1G64890	AT5G61440
AT5G05220	AT2G40300	AT4G19830	AT4G30490	AT1G13990	AT5G62720	AT3G55760	AT4G34830
AT1G10760	AT4G04770	AT3G27690	AT4G27520	AT5G42570	AT1G69200	AT5G50720	AT4G04330
AT4G02380	AT3G56090	AT3G46780	AT3G14360	AT4G03030	AT5G22580	AT5G52280	AT2G45180
AT1G29395	AT2G04530	AT4G09010	AT3G14440	AT4G39210	AT3G23940	AT1G11840	AT1G59870
	AT5G17170	AT3G15190	AT2G04350	AT1G13930	AT1G06950	AT1G22370	AT5G06690
		AT2G03730	AT3G23920	AT5G63790	AT5G08610	AT2G42540	AT2G10940
			AT2G30550	AT4G20830	AT5G23020	AT1G76180	AT5G49910
			AT4G21990	AT1G79260	AT4G09730	AT3G23840	AT3G51870
			AT5G22630	AT1G61890	AT2G15620	AT1G23190	AT1G66200
					AT5G19750	AT5G15450	AT2G38170
							AT1G33590
							AT5G44020

Mitochondria-9	Mitochondria-5	Mitochondria-4	Mitochondria-3	Mitochondria-2	Mitochondria-1	Chloroplast-27	Chloroplast-25
AT5G62150	AT5G43150	AT4G37380	AT5G61810	AT5G26030	AT2G32440	ATCG00640	AT4G17550
AT3G50930	AT3G03170	AT5G48220	AT4G30490	AT4G03320	AT3G19480	AT3G13470	AT5G61820
AT4G17650	AT3G56260	AT3G03630	AT1G11840	AT5G14780	AT1G17650	AT1G17665	AT5G03080
AT1G10760	AT4G24960	AT1G62750	AT1G02390	AT5G66760	AT5G52520	ATCG00170	AT1G48320
AT2G19860	AT3G56290	AT3G55400	AT1G54120	AT5G51440	AT5G51720	ATCG00360	AT1G18870
AT5G10730	AT4G37220	AT4G38160	AT3G06500	AT4G16210	AT3G10230		
AT1G29390	AT5G15190	AT1G59720	AT4G24570	AT1G17530	AT1G48520		
AT2G15970	AT5G19875	AT4G30825	AT3G22370	AT2G45210	AT1G29510		
AT5G37550	AT1G07180	AT2G28000	AT5G03190	AT3G22200	AT4G04350		
	AT5G24120	AT1G76405	AT4G11600	AT5G11520	AT5G18660		
	AT4G27657	AT1G10910	AT3G46450	AT4G33150	AT4G27600		
	AT3G24840	AT1G76190	AT1G35720	AT5G27520	AT5G10690		
	AT1G21000	AT2G41720	AT1G73500	AT5G57760	AT5G22620		
		AT4G37040	AT1G21790	AT2G22500	AT1G31920		
		AT3G14330	AT3G59280	AT2G33150	AT1G57770		
		AT3G60510	AT2G47770	AT5G06320	AT5G64770		
			AT1G65500	AT5G58690	AT3G61080		
			AT1G28960	AT2G36460	AT5G03130		
			AT4G05020	AT5G06750	AT5G26200		
			AT3G55840	AT5G25450	AT5G12470		
			AT5G16200	AT5G13490	AT2G47940		
				AT2G41380	AT1G17700		
				AT5G62530	AT4G19985		
				AT5G43780	AT1G78180		
				AT1G33970	AT5G19970		
				AT5G17190	AT3G02640		

Ribosome-2	Ribosome-1	mic_Reticulum-4	mic_Reticulum-3	mic_Reticulum-2	mic_Reticulum-1	Mitochondria-14	Mitochondria-13
ATCG00490	AT1G79850	AT5G57655	AT2G32440	AT1G09850	AT4G37370	AT2G03310	AT1G79440
ATCG00650	AT4G01310	AT1G08930	AT4G00400	AT4G10250	AT5G12140	AT1G70550	AT5G09590
ATCG00640	AT1G29070	AT2G15090	AT4G20070	AT5G42570	AT5G64510	AT1G72820	AT1G54570
AT3G13470	AT2G24090	AT1G62380	AT1G13710	AT3G03640	AT3G57020	AT3G28420	AT1G14730
ATCG01120	AT2G33370	AT5G13710	AT3G09260	AT2G41230	AT5G15860	AT3G11745	AT3G01290
ATCG00050	AT2G28000		AT4G04955	AT5G42800	AT1G68530		AT1G52560
ATCG00330	AT1G09340		AT1G17700	AT3G12490	AT1G16850		
AT3G17170	AT3G13120			AT1G21460	AT1G07720		
ATCG00660	AT2G38140			AT4G27500	AT4G23630		
ATCG00065	AT4G11830			AT1G19300	AT2G04350		
	AT5G24490			AT1G76090	AT3G51440		
	AT5G47190			AT1G43910	AT1G29330		
	AT3G28500			AT4G30600	AT3G17000		
	AT1G48350			AT3G57010	AT5G37300		
	AT3G27160			AT3G51430	AT5G47180		
	AT3G44890				AT4G11220		
	AT1G55490				AT2G47770		
	AT1G32990				AT4G37430		
	AT3G15190						
	AT1G07320						
	AT1G35680						
	AT4G17560						

Nucleus-5	Nucleus-1	Vacuole-10	Vacuole-7	Vacuole-5	Vacuole-1	Golgi_Apparatus-1	Ribosome-3
AT5G12050	AT2G37470	AT3G22200	AT1G71880	AT5G07440	AT5G12140	AT2G38120	AT5G67510
AT1G74890	AT1G75250	AT1G61800	AT5G23210	AT5G57655	AT1G11840	AT1G80050	AT4G30800
AT1G06510	AT3G16450	AT4G16500	AT1G59870	AT1G11260	AT1G02816	AT4G13410	AT2G40010
AT2G29570	AT5G39860	AT5G13490	AT3G16240	AT5G14120	AT3G23810	AT5G57655	AT2G19750
AT5G62920	AT3G52290	AT4G20830	AT3G62550	AT5G13710	AT4G27520	AT1G63180	AT2G32220
AT3G23080	AT3G16460		AT1G66200	AT2G41100	AT5G42570	AT1G12780	AT4G10450
AT5G64240	AT3G20670			AT1G37130	AT1G08920	AT3G16240	AT1G48630
AT2G30040	AT5G08070			AT1G72150	AT5G52450	AT1G62380	AT1G07070
AT5G67100	AT4G02800				AT2G30870	AT1G55850	AT3G28900
AT3G12280	AT1G78170				AT1G78610	AT1G09340	
AT2G01120	AT1G18090				AT1G35720	AT1G23480	
AT3G54750	AT1G29500				AT3G12580	AT4G39260	
AT3G54500	AT2G33370				AT5G13750	AT3G49780	
AT5G57340	AT3G04630				AT4G39730	AT2G16380	
AT1G22640	AT3G54560				AT2G47600	AT1G72150	
AT5G15830	AT3G45980				AT3G03520		
AT3G02380	AT3G01860				AT5G22460		
AT5G54640	AT2G04530				AT2G15970		
AT2G18700	AT2G38300				AT4G16190		
	AT3G49260				AT1G63010		
	AT4G27230				AT4G27830		
	AT5G59870						
	AT3G09260						
	AT3G02120						
	AT5G59080						
	AT1G07790						
	AT5G49160						
	AT2G38810						
	AT2G34640						
	AT2G21650						
	AT2G16270						
	AT5G28640						
	AT3G27360						
	AT5G22880						
	AT5G50740						
	AT1G15660						
	AT2G27970						
	AT4G17810						
	AT5G10400						

Nucleus-29	Nucleus-24	Nucleus-21	Nucleus-19	Nucleus-15	Nucleus-11	Nucleus-9	Nucleus-6
AT1G68520	AT5G54630	AT2G20760	AT5G65660	AT5G62470	AT1G75190	AT1G29600	AT5G47060
AT4G37610	AT1G18330	AT1G78600	AT5G55920	AT2G41180	AT3G28910	AT1G20693	AT1G51090
AT5G20630	AT1G13260	AT3G58620	AT3G10530	AT1G13740	AT3G48360	AT3G21870	AT5G50360
AT1G79770	AT1G71030	AT5G43380	AT4G28450	AT3G56260	AT3G46130	AT1G10470	AT1G69260
AT5G19530	AT3G02550	AT3G22750	AT1G72440	AT1G60190	AT2G15880	AT1G19050	AT3G63120
AT2G15890	AT5G61590	AT3G57780	AT4G15770	AT5G05870	AT3G15630	AT5G64850	AT1G22370
AT4G17870	AT1G07090	AT2G33150	AT1G06720	AT5G22290	AT2G28660	AT1G80850	AT3G56880
AT1G09250	AT5G59430	AT3G18820	AT3G07050	AT3G02140	AT2G38310	AT5G53200	AT5G09620
AT5G15580	AT4G36040	AT1G27300	AT4G02400	AT3G29575	AT5G18240	AT3G11090	AT3G46450
	AT4G05070	AT5G45550	AT3G13230	AT5G12840	AT1G22330	AT2G39950	AT5G59220
		AT5G01720	AT2G47990	AT4G14440	AT3G02170	AT1G04530	AT5G52310
			AT5G20160	AT5G49120	AT1G25550	AT5G16540	AT2G45900
				AT4G26080	AT2G40750	AT4G16880	AT1G76180
					AT5G61420	AT1G43670	AT4G35320
					AT3G49940	AT4G36470	AT3G54680
					AT4G09460	AT1G28560	AT1G06180
							AT3G61630
							AT2G16720

Nucleus-45	Nucleus-42	Nucleus-41	Nucleus-40	Nucleus-39	Nucleus-33	Nucleus-31	Nucleus-30
AT5G13840	AT4G14550	AT1G29250	AT1G29660	AT4G28310	AT1G79150	AT3G50700	AT4G21510
AT1G13650	AT1G64500	AT3G18600	AT3G13470	AT1G76240	AT2G44130	AT3G10525	AT2G43650
AT5G24580	AT5G62430	AT2G20670	AT3G07650	AT1G07370	AT3G55510	AT2G42610	AT3G61100
AT4G23800	AT2G21320	AT3G06530	AT2G14880	AT5G10390	AT4G39260	AT4G00950	AT1G54690
AT5G44560	AT1G73870	AT1G68840	AT1G07050	AT4G02060	AT3G18130	AT5G47220	AT5G23420
	AT5G59780	AT4G25630	AT4G34290	AT1G66230	AT1G65860	AT2G14460	AT5G40480
	AT3G12320	AT3G44750	AT1G10990	AT1G09200	AT1G56110	AT3G10020	AT2G19670
					AT1G48630	AT2G42380	AT2G25900
						AT2G16280	AT1G52930

Peroxisome-3	Peroxisome-2	Peroxisome-1
AT4G29010	AT3G16910	AT1G11840
AT4G16210	AT1G70580	AT3G24170
AT5G11520	AT1G07180	AT2G42790
AT5G27520	AT3G09260	AT4G33905
AT2G33150	AT1G09340	AT5G27600
AT3G06860	AT1G30520	AT3G02360
	AT3G47430	AT4G16760

Table S3. Wounding.

Module Name	Genes	Chloroplast-1	Chloroplast-5	Chloroplast-6	Chloroplast-9	Chloroplast-11	Chloroplast-12	Chloroplast-14	Chloroplast-15
		AT1G20510	AT3G55760	ATCG00730	AT1G19670	AT5G61820	AT1G14345	AT2G34620	AT1G77510
		AT4G35600	AT3G05660	AT5G03350	AT4G14680	AT5G14780	AT2G04790	AT3G52720	AT3G20820
		AT2G46500	AT1G29395	ATCG00210	AT2G04400	AT3G14990	AT1G55370	AT3G28080	AT1G57630
		AT4G29670	AT2G30870	ATCG01120	AT2G38760	AT2G20670	AT3G09050	AT3G12610	AT2G02810
		AT1G09940	AT3G51450	AT2G26560	AT5G02940	AT5G18670	AT5G48360	AT5G39210	AT1G04980
		AT1G72520	AT4G17090	ATCG00190	AT4G15440	AT1G05560	AT2G37080	AT1G48620	AT5G61790
		AT1G65390	AT2G42540	ATCG00600	AT2G38750	AT3G15450	AT4G12980		
		AT3G56090	AT2G28900	AT1G11700	AT1G69370				
		AT2G26530	AT5G24420	AT5G23020	AT5G63450				
		AT5G15190	AT2G42530	ATCG00330					
		AT5G05300	AT5G42650	ATCG00660					
		AT1G66090							
		AT4G24380							
		AT5G44070							
		AT5G22630							
		AT5G56980							
		AT2G43320							
		AT3G51970							
		AT3G14050							
		AT5G13390							
		AT4G20830							
		AT1G17420							
		AT5G04870							
		AT5G01730							
		AT1G61890							
		AT5G61210							

Endoplas-mic_Reticulum-3	Endoplas-mic_Reticulum-1	Mitochondria-9	Mitochondria-8	Mitochondria-7	Mitochondria-6	Mitochondria-5	Mitochondria-2
AT1G77510	AT4G00400	AT2G45210	AT5G61810	AT4G24960	AT4G01950	AT1G29440	AT1G10070
AT4G28270	AT4G31500	AT3G01290	AT4G31500	AT5G19875	AT4G24570	AT1G29450	AT4G33150
AT2G15090	AT3G03050	AT5G14780	AT4G36500	AT1G49530	AT5G15190	AT1G29510	AT4G38540
AT1G14360	AT5G42570	AT3G22200	AT5G27520	AT3G55640	AT5G10695	AT1G29460	AT1G73260
AT2G02810	AT1G72280	AT1G03850	AT4G12410	AT4G05020	AT2G22500	AT1G29500	AT1G03090
AT1G04980	AT5G41600	AT4G12080	AT5G12340	AT4G30060	AT5G11070	AT4G38850	AT1G06570
AT5G61790	AT4G27500	AT2G41380	AT4G33905	AT5G42650	AT5G65300	AT5G50160	ATMG00660
AT3G62600	AT4G37640				AT3G55840	AT4G38860	AT3G30775
AT4G29520	AT4G30210					AT3G03840	AT1G65500
	AT1G19300						AT4G30670
	AT3G57880						AT5G18170
	AT1G29330						
	AT2G38360						
	AT4G30600						
	AT5G61780						
	AT1G27770						
	AT1G42990						
	AT1G05575						
	AT3G22290						
	AT4G30996						
	AT5G47120						
	AT1G09070						

Nucleus-7	Nucleus-3	Nucleus-1	Vacuole-1	Gol-gi_Apparatus-6	Gol-gi_Apparatus-4	Gol-gi_Apparatus-2	Golgi_Apparatus-1
AT5G52760	AT1G07000	AT1G07870	AT5G07440	AT1G77510	AT5G06720	AT3G23820	AT1G70090
AT5G02670	AT4G34390	AT3G45640	AT1G77510	AT5G02490	AT4G08950	AT1G24070	AT1G53840
AT5G52750	AT2G39650	AT3G57930	AT3G01290	AT3G12580	AT4G25810	AT5G67210	AT3G62720
AT1G73805	AT5G22250	AT1G23710	AT5G61820	AT4G13410	AT3G45970	AT4G22330	AT5G65470
AT4G33050	AT3G46930	AT3G46620	AT5G57655	AT1G14360	AT1G35140	AT5G16190	AT1G74380
AT3G52430	AT3G44260	AT4G25490	AT2G45170			AT5G58070	AT5G47910
AT1G17140	AT3G19580	AT2G46400	AT3G14990			AT3G09440	AT3G03050
AT5G39210	AT5G47910	AT5G59820	AT2G23150			AT3G58790	AT1G22180
AT5G50740	AT3G49530	AT2G25250	AT1G11260			AT1G78240	AT2G03240
AT4G02800	AT1G74450	AT4G02200	AT5G20230			AT4G39840	AT1G76970
AT1G44900	AT2G25460	AT1G70740	AT3G22200			AT4G19120	AT2G44500
AT3G04030	AT1G12610	AT1G33760	AT3G51860			AT1G29330	AT5G06320
AT4G27230	AT1G60190	AT4G10270	AT4G16260			AT2G38360	AT4G27720
AT1G04020	AT1G67530	AT1G19210	AT3G09260			AT5G49900	AT5G37770
AT5G23420	AT1G74930	AT1G77640	AT3G57260			AT3G25140	AT3G47960
	AT3G02840	AT1G05710	AT3G12500			AT2G22900	AT5G16910
	AT5G66640	AT1G25400	AT5G61790			AT5G23850	AT4G21560
	AT3G54000	AT1G72240	AT1G21250				AT5G16830
	AT1G59910	AT2G40140	AT3G62150				AT4G30996
	AT4G34410	AT4G18880	AT1G16390				AT2G02860
	AT1G63030	AT1G63720	AT4G27830				AT3G28340
	AT1G61340	AT2G44840					AT4G39890
	AT5G24590	AT2G41010					AT2G20370
	AT1G28370	AT4G25470					AT4G30280
	AT5G42380	AT1G66400					AT3G44190
	AT4G17490	AT4G23810					AT3G27540

Peroxisome-1	Nucleus-32	Nucleus-31	Nucleus-22	Nucleus-20	Nucleus-16	Nucleus-11	Nucleus-8
AT1G20510	AT5G59480	AT1G01520	AT2G46270	AT2G42760	AT2G04790	AT5G12050	AT1G30135
AT3G51660	AT2G42360	AT4G25340	AT4G10390	AT4G29440	AT5G55230	AT1G21830	AT5G52020
AT2G06050	AT2G39770	AT3G44750	AT2G22200	AT1G75860	AT4G32980	AT3G24500	AT2G45680
AT5G27520	AT5G02940	AT1G04550	AT5G13220	AT1G01260	AT1G13650	AT3G61060	AT4G24370
AT1G52400	AT4G38600	AT2G16440	AT1G27910	AT1G74430	AT5G47820	AT1G19050	AT1G78280
AT1G52410			AT1G74950	AT4G18950	AT5G06270	AT2G30250	AT1G80840
AT4G33905			AT1G52830	AT2G34600	AT4G37080	AT5G62920	AT1G74330
AT5G04870					AT4G33080	AT3G02150	AT3G23230
AT4G16760					AT2G17040	AT5G43190	AT3G27210
					AT1G48620	AT1G25550	AT5G46910
						AT5G59080	AT1G76040
						AT3G27170	AT2G37430
						AT2G36320	AT3G52800
						AT1G69760	AT3G01830

Table S3. Osmotic

Chloroplast-8	Chloroplast-7	Chloroplast-5	Chloroplast-4	Chloroplast-3	Chloroplast-2	Chloroplast-1	Module Name
AT2G24020	AT5G63420	AT1G06190	AT3G55760	AT1G70410	AT1G49630	AT3G01510	**Genes**
AT2G19730	AT2G25840	AT1G69200	AT1G54130	AT5G48220	AT5G18660	AT5G47840	
AT4G19830	AT3G18390	AT3G04260	AT3G57020	AT5G67510	AT1G75330	AT1G74880	
AT1G24610	AT5G28500	AT2G17972	AT4G28390	AT3G02660	AT1G80560	AT1G74730	
AT1G29700	AT2G39140	AT1G43560	AT5G13800	AT2G43030	AT4G23940	AT1G09210	
AT2G36160	AT5G46290	AT1G79560	AT4G33780	AT2G21370	AT5G16390	AT5G08650	
AT3G19480	AT3G51870	AT4G24750	AT3G17810	AT1G12800	AT3G13120	AT3G61870	
AT2G42740	AT2G24120	AT3G09200	AT5G48370	AT2G24090	AT3G54210	AT2G40100	
AT1G31817	AT5G14100	AT1G11430	AT1G15960	AT3G04790	AT2G36885	AT1G50450	
AT3G01790	AT1G70070	AT1G60600	AT5G60460	AT2G30695	AT4G39460	AT3G47070	
AT2G33370	AT4G31210	AT2G10940	AT1G23070	AT3G55330	AT2G33450	AT5G51100	
AT5G02160	AT5G64580	AT3G23940	AT3G44880	AT3G07670	AT4G20960	AT4G24770	
AT1G33290	AT5G46580	AT2G28605	AT5G22860	AT2G28000	AT1G49750	AT1G14150	
AT1G12230	AT3G07430	AT2G24060	AT4G13010	AT5G52970	AT5G65220	AT1G48520	
AT4G17740	AT3G48500	AT3G26710	AT4G32920	AT3G04340	AT5G49030	AT4G12830	
AT1G78370	AT5G44020	AT1G64790	AT5G43260	AT1G55490	AT3G63510	AT2G43750	
AT3G53580	AT1G22700	AT5G44340	AT3G03440	AT5G55520	AT1G50575	AT2G36250	
AT5G13100	AT4G16390	AT5G20980	AT4G03200	AT1G53240	AT1G14810	AT1G11860	
AT2G19940	AT2G36230	AT4G39040	AT4G23885	AT3G08920	AT3G24430	AT4G33520	
AT1G30520	AT3G47450	AT1G17560	AT3G14360	AT3G21200	AT1G75350	AT3G62410	
AT2G38140	AT4G26670	AT4G16410	AT2G31350	AT1G27450	AT3G54650	AT1G18060	
AT3G14110	AT4G39120	AT1G33810	AT4G39210	AT2G44050	AT1G35680	AT3G53900	
AT3G27740	AT5G58250	AT5G28750	AT1G50020	AT2G26930	AT4G17600	AT3G01550	
AT2G29690	AT2G31170	AT2G35040	AT2G05710	AT1G01080	AT3G53130	AT1G71500	
AT1G74040	AT4G34740	AT3G54090	AT2G19860	AT5G46420	AT5G52520	AT4G37930	
AT2G40550	AT1G51100	AT1G56050	AT4G24450	AT5G52100	AT1G77670	AT2G42130	
AT5G17790	AT3G12930	AT5G05740	AT5G50720	AT5G55220	AT1G64510	AT5G14740	
AT2G42220	AT3G49560	AT5G03350	AT1G22370	AT3G52960	AT1G23360	AT1G52230	
AT2G04530	AT3G53460	AT1G49975	AT3G57680	AT1G59990	AT3G18890	AT3G11630	
AT3G05810	AT1G02150	AT3G09210	AT3G02360	AT5G08050	AT2G44920	AT1G42970	
AT5G16290	AT3G20230	AT5G66470	AT1G17745	AT5G22340	AT3G53560	AT1G30530	
AT5G35360	AT2G17240	AT5G17710	AT2G17500	AT5G11450	AT5G40950	AT4G34090	
	AT2G26550	AT3G52380	AT1G61800	AT1G66970	AT2G35410	AT1G15980	
	AT5G55740	AT5G23310	AT1G79450	AT3G56160	AT5G17870	AT1G01790	
	AT5G08280	AT5G48790	AT1G25520	AT2G34640	AT5G19600	AT1G56340	
		AT2G33430	AT3G03900	AT2G21385	AT5G09760	AT5G13280	
		AT2G40490	AT4G17840	AT3G13070	AT1G48350	AT3G54050	
		AT2G02740	AT4G36210	AT3G54400	AT3G01480	AT3G62030	
		AT3G16240	AT4G03030	AT4G17560	AT4G15510	AT2G22250	
		AT2G29180	AT4G21470	AT4G26555	AT3G15190	AT1G63610	
		AT1G06950	AT1G55280	AT3G10690	AT1G15390	AT1G51110	
		AT5G08610	AT1G76180	AT1G19920	AT2G25830	AT4G17340	
		AT1G14030	AT1G64810	AT1G32550	AT4G24830	AT4G09650	
		AT3G46740	AT1G47128	AT3G47650	AT1G07320	AT4G25080	
			AT2G30550	AT3G24506	AT1G79850	AT5G51720	
			AT5G22510	AT1G11870	AT2G31270	AT5G12470	
			AT5G07010	AT2G44650	AT4G38970	AT3G12780	
			AT1G79260	AT3G58610	AT5G62840	AT2G47940	
			AT4G05590	AT5G14910	AT1G50900	AT5G01220	
			AT2G29070	AT5G51110	AT5G10920	AT5G43750	
				AT5G15320	AT1G67700	AT1G32080	
				AT1G14410	AT5G63310	AT4G22890	
				AT3G48730	AT1G74970	AT5G19760	
				AT5G01590	AT5G20720	AT1G64770	
				AT2G33180	AT3G44890	AT1G31330	
				AT2G37660	AT4G20760	AT2G27680	
				AT4G37040	AT1G69740	AT1G74070	
				AT3G63190	AT1G31860	AT1G19150	
				AT3G56910	AT5G16250	AT5G14320	
				AT4G28660	AT4G24930	AT1G26560	
				AT3G57560	AT3G20390	AT1G12900	

Chloroplast-17	Chloroplast-16	Chloroplast-15	Chloroplast-14	Chloroplast-13	Chloroplast-12	Chloroplast-10	Chloroplast-9
AT4G35690	AT1G64970	AT3G54960	AT2G37190	AT1G61120	ATCG00490	AT3G54900	AT4G29010
AT4G10250	AT5G24120	AT2G18690	AT5G41520	AT2G47730	ATCG00430	AT1G73655	AT5G14780
AT1G54570	AT5G35970	AT2G25530	AT3G60770	AT5G03630	ATCG00600	AT2G38170	AT4G01940
AT3G15730	AT1G02820	AT2G04400	AT1G75250	AT4G23280	ATCG01080	AT5G42070	AT4G19390
AT5G17420	AT1G08570	AT3G54640	AT2G37080	AT5G63790	ATCG00680	AT4G34190	AT3G26580
AT1G19200	AT5G67030	AT5G38530	AT5G14260	AT4G20830	AT3G12700	AT5G10470	AT2G18100
AT3G13130	AT2G16070	AT4G00970	AT4G18570	AT4G09020	ATCG00150	AT5G39830	AT3G20660
AT2G15570	AT3G10420	AT4G35630	AT1G80270	AT1G57630	ATCG00500	AT5G13650	AT2G21940
AT1G55920	AT1G32900	AT1G08450	AT5G15200	AT3G09490	ATCG00730	AT5G16715	AT5G04750
AT1G71910	AT4G16740	AT2G02810	AT5G20290	AT2G42530	ATCG00210	AT1G55480	AT1G35720
	AT2G14260	AT3G51450	AT1G64860	AT4G12020	ATCG00130	AT1G10960	AT2G33150
	AT1G76570	AT5G05730	AT3G02560	AT5G11670	ATCG00420	AT3G45050	AT4G17940
			AT2G28190	AT3G21520	AT2G16660	AT3G10840	AT2G01400
				AT1G33590	ATCG00510	AT3G02730	AT5G66780
						AT1G44575	AT4G32250
						AT2G36835	AT1G78380
						AT3G28080	AT1G23800
						AT1G80380	AT5G66040
						AT2G35800	AT5G62530
						AT1G26220	AT3G48990
							AT1G03970
							AT1G09420
							AT5G66080
							AT3G09250
							AT3G17820
							AT5G66170
							AT2G21590
							AT3G48000
							AT2G21410
							AT5G25770

Mitochondria-4	Mitochondria-3	Mitochondria-2	Mitochondria-1	Chloroplast-31	Chloroplast-24	Chloroplast-23	Chloroplast-18
AT5G61810	AT1G49630	AT4G21580	AT4G09550	AT2G32140	AT3G56710	AT4G11600	AT4G17550
AT3G20300	AT1G76405	AT4G28390	AT1G09210	AT1G74440	AT5G09590	AT4G12300	AT5G57040
AT5G37550	AT5G36950	AT3G55640	AT3G24570	AT1G72520	AT1G59870	AT2G30870	AT3G23920
AT2G16710	AT1G71460	AT3G62650	AT3G61870	AT3G48090	AT4G26070	AT3G50480	AT1G18870
AT5G39950	AT1G14810	AT1G58180	AT3G10230	AT4G23810	AT1G17420	AT2G26560	AT5G15190
AT5G51740	AT1G80720	AT1G28960	AT1G48520		AT5G26030	AT3G28940	AT4G32770
AT2G19860	AT1G23360	AT1G20560	AT2G43750		AT5G44070	AT5G52810	AT4G30490
AT5G58690	AT5G57440	AT2G31350	AT1G11860			AT2G39210	AT5G61820
AT4G38060	AT4G17740	AT3G50830	AT4G37930				AT2G04350
AT1G02390	AT1G15390	AT3G14430	AT5G18660				
AT3G57090	AT3G10690	AT5G58070	AT1G31580				
AT2G31955	AT1G60770	AT5G64250	AT5G22620				
AT2G41380	AT1G80270	AT4G12410	AT1G56340				
AT2G26230	AT1G64880	AT5G57815	AT3G62030				
AT1G15110	AT2G46470	AT5G12390	AT5G51720				
AT5G47580	AT1G80080	AT1G11170	AT5G12470				
AT3G22370	AT5G57590	AT2G31570	AT3G12780				
AT5G03190	AT5G15200	AT4G22270	AT2G47940				
AT4G38540	AT4G31700	AT1G68140	AT4G17360				
AT5G27520	AT4G26300	AT2G39725	AT5G19760				
AT1G76960	AT1G35580	AT1G50940	AT3G19480				
AT5G43430	AT5G13120	AT1G22890	AT3G16010				
	AT4G33760	AT4G28085	AT3G19720				
	AT1G67630	AT1G06570	AT5G35630				
		AT1G76590	AT4G04350				
		AT1G54120	AT1G13270				
		AT3G15780	AT1G32470				
		AT5G46180	AT3G55250				
		AT1G53580	AT1G57770				
		AT5G53350	AT5G64770				
		AT4G19040	AT2G04039				
		AT1G64810	AT5G46110				
		AT5G23460	AT1G17650				
		AT3G45300	AT2G35370				
		AT4G03410	AT1G32220				
		AT3G59280	AT3G23990				
		AT4G05590	AT5G13140				
			AT1G56190				
			AT3G53580				
			AT4G23290				
			AT3G61080				
			AT1G48030				
			AT2G21170				
			AT1G30520				
			AT5G20720				
			AT1G44000				
			AT3G20390				
			AT5G04140				
			AT4G16155				
			AT2G42770				
			AT5G30510				
			AT1G60550				
			AT1G20070				
			AT3G10570				
			AT3G55400				
			AT5G08040				
			AT1G31920				
			AT5G46800				
			AT3G59760				
			AT3G11945				
			AT5G13630				

Mitochondria-22	Mitochondria-20	Mitochondria-17	Mitochondria-16	Mitochondria-9	Mitochondria-7	Mitochondria-6	Mitochondria-5
AT4G31500	AT1G49670	AT2G35710	AT5G53460	AT2G25840	AT3G12110	AT3G02660	AT5G04750
AT1G61560	AT4G03820	AT3G61190	AT3G48110	AT5G04790	AT3G56070	AT1G62750	AT1G35720
AT5G42650	AT3G10370	AT5G65300	AT2G31170	AT4G26370	AT5G50810	AT3G04650	AT1G78130
AT2G23680	AT4G17650	AT5G06320	AT1G29900	AT3G16950	AT2G25210	AT5G54180	AT5G46680
AT4G39980	AT4G35260	AT4G24570	AT3G12930	AT3G51870	AT5G23300	AT2G28000	AT5G38650
AT1G30260	AT3G60690	AT4G36500	AT3G49560	AT2G24120	AT3G03630	AT1G77750	AT3G61930
	AT5G17190	AT3G50930	AT2G43360	AT2G27775	AT1G04640	AT4G39460	AT1G54570
		AT4G37290	AT1G02150	AT5G23020	AT2G01860	AT1G53240	AT5G62530
		AT1G35210	AT1G63260	AT3G47450	AT4G15640	AT3G63170	AT3G16170
				AT4G26670	AT5G65440	ATCG01110	AT3G48990
				AT1G75180	AT1G78180	AT5G52520	AT4G16210
				AT5G53880	AT1G11870	AT2G30200	AT3G22200
				AT4G02990	AT3G58610	AT5G24300	AT5G11520
				AT4G11820	AT1G34430	AT4G19985	AT1G55510
				AT1G09900	AT4G02930	AT1G14980	AT5G65750
				AT3G18800	AT2G15280	AT5G10690	AT2G21410
				AT4G21190	AT2G39795	AT3G58140	AT3G12955
					AT5G57490	AT5G12860	AT1G52080
						AT3G02640	AT5G06280
							AT2G35730

mic_Reticulum-9	mic_Reticulum-8	mic_Reticulum-7	mic_Reticulum-5	mic_Reticulum-4	mic_Reticulum-3	mic_Reticulum-2	mic_Reticulum-1
AT1G16850	AT3G63080	AT1G23010	AT5G40480	AT4G00400	AT3G02875	AT1G64400	AT4G19640
AT1G12640	AT4G27500	AT4G11220	AT2G32720	AT5G48580	AT4G27780	AT3G54960	AT3G57020
AT1G21460	AT3G51430	AT2G41230	AT1G14290	AT3G06060	AT3G61990	AT2G17720	AT5G15860
AT5G58070	AT1G15110	AT3G08970	AT3G66658	AT5G07110	AT3G12490	AT4G31500	AT4G23630
AT2G45980	AT3G51440	AT1G09080	AT1G18540	AT5G13710	AT4G00355	AT5G41600	AT4G30210
			AT4G00100	AT4G27080	AT3G57010	AT1G19300	AT5G45130
			AT1G17700	AT5G50375	AT2G44080	AT1G27770	AT1G68530
			AT2G32440	AT4G20870	AT5G16550	AT1G09070	AT1G69640
			AT2G20450	AT2G15280	AT5G45160	AT1G08450	AT3G51830
			AT1G49430	AT5G62890	AT4G30600	AT1G52400	AT3G17000
				AT3G26520	AT4G37430	AT2G02810	AT1G29330
				AT4G16340	AT1G65820	AT2G28630	AT5G47180
				AT1G20330	AT4G28570	AT4G20070	AT5G47120
					AT2G01470	AT1G08930	AT5G02040
						AT2G47240	AT1G07720
						AT4G37640	AT5G42570
							AT1G04310
							AT5G64510
							AT1G24470
							AT2G04350
							AT5G12140
							AT2G47770

Golgi_Apparatus-6	Golgi_Apparatus-5	Golgi_Apparatus-3	Golgi_Apparatus-1	Ribosome-4	Ribosome-3	Ribosome-2	Ribosome-1
AT1G71040	AT5G16910	AT4G30270	AT1G80050	AT1G03090	AT2G19730	AT1G11860	AT3G07110
AT3G23430	AT3G58170	AT3G62660	AT1G15690	AT1G20630	AT4G37930	AT2G21330	AT4G26230
AT5G60460	AT2G31990	AT1G07750	AT5G48580	AT3G09840	AT5G23740	AT3G13120	AT5G56670
AT1G77370	AT5G44790	AT5G03340	AT2G29550	AT3G17820	AT4G14320	AT3G54210	AT1G74270
AT2G43080	AT2G38410	AT5G57560	AT2G16380	ATCG00065	AT4G39200	AT2G33450	AT3G22230
AT4G29380	AT3G53230	AT3G01040	AT1G23480			AT5G65220	AT3G53740
AT4G27480	AT3G22200	AT3G49780	AT4G27720			AT1G75350	AT2G44120
AT5G45310	AT1G26670	AT5G54690	AT4G18030			AT1G35680	AT2G37190
AT1G63010	AT4G35860	AT5G51570	AT2G04280			AT5G14320	AT2G17360
AT4G20110	AT2G25650	AT5G57655	AT5G07110			AT1G64510	AT5G41520
AT1G65820	AT2G34200	AT3G09910	AT1G27450			AT5G40950	AT3G12390
AT2G37970	AT3G18820	AT2G38530	AT3G02250			AT1G48350	AT4G30800
		AT1G27300	AT5G64030			AT3G15190	AT3G18760
		AT1G63120	AT3G23750			AT2G33800	AT3G06680
		AT3G09840	AT5G44340			AT1G07320	AT2G19750
		AT5G11730	AT1G04430			AT3G23990	AT4G15000
		AT4G15610	AT1G63180			ATCG00800	AT5G59850
		AT5G05340	AT3G49720			AT1G09340	AT3G53430
		AT2G21410	AT5G65810			AT1G74970	AT3G09200
		AT1G74020	AT4G08950			AT3G27160	AT3G49080
		AT2G28110	AT2G34300			AT3G44890	AT3G44590
		AT5G46860	AT2G24630			AT3G18080	AT4G00810
		AT2G37090	AT2G38120			AT1G29070	AT3G60770
		AT4G11350	AT5G23860			AT1G78630	AT2G34480
			AT1G53840			AT5G47190	AT5G03850
			AT3G16240			AT4G34620	AT2G47610
			AT4G14360			AT5G55990	AT2G27720
			AT3G26520			AT1G32990	AT3G04920
			AT1G20330				AT5G02610
							AT1G48630
							AT3G09630
							AT1G07070
							AT4G33865
							AT2G39460
							AT2G39390
							AT3G05590
							AT2G36160
							AT2G25210
							AT5G56710
							AT2G32060
							AT1G27400
							AT5G02870
							AT2G01250
							AT2G27530
							AT2G40010
							AT1G67430
							AT1G31817
							AT3G01790
							AT4G13170
							AT3G48930
							AT4G31985
							AT4G29430
							AT2G33370
							AT1G26880
							AT4G34670
							AT1G08360
							AT1G01100
							AT4G10450
							AT1G69620
							AT5G39740
							AT1G17560

Vacuole-5	Vacuole-4	Vacuole-3	Vacuole-2	Vacuole-1	Vesicle-1	Golgi_Apparatus-9	Golgi_Apparatus-7
AT5G10560	AT3G20660	AT4G17550	AT4G17730	AT1G20010	AT3G15730	AT3G15350	AT3G12580
AT1G15000	AT4G24690	AT3G57020	AT3G56310	AT2G44640	AT3G14070	AT4G11220	AT2G03760
AT3G14220	AT1G71695	AT2G41190	AT3G51730	AT3G53740	AT1G07000	AT4G24000	AT1G11940
AT2G29550	AT1G35720	AT4G17530	AT2G40420	AT2G44120	AT5G46860	AT5G58070	AT5G33290
AT1G27480	AT4G01610	AT4G35300	AT3G57260	AT2G17360	AT5G16830	AT2G34850	AT1G69640
AT3G19820	AT2G33150	AT3G44100	AT4G10050	AT5G48580	AT1G21900	AT5G47200	AT4G34180
AT5G13710	AT1G33700	AT4G16260	AT3G15580	AT4G18030	AT1G60970	AT2G23150	AT3G19260
AT1G16920	AT5G54870	AT4G32940	AT1G08920	AT2G33210			AT1G22180
AT4G12730	AT2G15970	AT3G27170	AT3G50830	AT2G34480			AT1G30900
AT1G48480	AT1G09850	AT4G27830	AT1G53590	AT2G47610			
AT5G58150	AT1G78380	AT4G13010	AT1G31480	AT3G04920			
AT4G14960	AT2G01540	AT4G32920	AT5G58070	AT5G02610			
AT3G23760	AT3G10740	AT5G60360	AT4G35790	AT3G09630			
AT3G16240	AT3G03520	AT5G20230	AT4G21980	AT3G05590			
AT5G62890	AT3G22200	AT2G05710	AT5G15630	AT1G27400			
AT5G43970	AT4G32150	AT3G20250	AT2G47600	AT5G02870			
AT3G26520	AT4G20260	AT1G04970	AT1G61800	AT2G01250			
AT2G47160	AT2G21410	AT5G12140	AT5G22460	AT1G04430			
AT4G12420	AT1G74020	AT3G62700	AT1G63010	AT1G67430			
AT3G46740	AT3G51860	AT1G75040	AT4G32070	AT3G49720			
AT2G04030	AT5G46860	AT1G47128	AT2G23150	AT1G69620			
	AT1G02305	AT3G15180	AT1G11910	AT5G39740			
	AT3G18440	AT5G47560	AT1G78610	AT5G61170			
		AT5G44670	AT1G65820	AT3G62870			
		AT2G47710	AT3G12500	AT1G04040			
			AT2G01470	AT5G22650			
				AT5G02450			
				AT3G49010			
				AT4G16720			
				AT2G20450			
				AT5G27850			
				AT1G19450			
				AT5G07090			
				AT3G13000			
				AT5G09510			
				AT1G34030			
				AT3G25520			

Nucleus-2	Nucleus-1	Vacuole-13	Vacuole-12	Vacuole-10	Vacuole-9	Vacuole-8	Vacuole-6
AT5G40480	AT4G12600	AT3G12580	AT3G54960	AT3G27280	AT5G09590	AT3G10410	AT1G09210
AT2G29570	AT2G25100	AT5G13750	AT3G22060	AT2G37190	AT1G59870	AT1G80310	AT4G17340
AT2G44120	AT3G07110	AT5G45130	AT4G08770	AT2G36160	AT5G67480	AT5G52450	AT5G19760
AT3G11110	AT3G22231	AT5G27150	AT5G01820	AT1G07770	AT1G64330	AT4G23600	AT5G09660
AT2G37190	AT2G44640	AT3G05630	AT1G09070	AT3G49910	AT4G02370	AT4G39730	AT1G19670
AT3G12390	AT3G48490		AT2G47800	AT5G15200	AT3G62150	AT1G16010	AT1G52280
AT3G54750	AT5G08330			AT4G27090	AT3G01290	AT5G03240	AT1G11580
AT5G15330	AT4G37740				AT1G62290	AT4G16190	AT1G31550
AT3G23080	AT1G29250						AT3G14210
AT1G68190	AT2G26040						AT1G09340
AT5G59870	AT3G09200						AT3G53420
AT4G25630	AT1G14440						AT5G55990
AT4G32330	AT3G44590						
AT2G37790	AT1G33040						
AT1G30690	AT2G29510						
AT5G18620	AT3G43920						
AT3G60770	AT4G00810						
AT4G02060	AT1G48610						
AT3G27360	AT2G47610						
AT2G27720	AT3G04920						
AT1G53050	AT2G28600						
AT5G06700	AT1G69770						
AT5G11240	AT1G48630						
AT2G43650	AT3G09630						
AT1G75250	AT2G39460						
AT5G66740	AT4G17810						
AT2G35605	AT4G28310						
AT2G18740	AT2G32060						
AT5G20630	AT1G64790						
AT3G17040	AT1G17880						
AT4G27430	AT5G02870						
AT2G33370	AT1G16060						
AT4G34670	AT4G27080						
AT2G28450	AT1G67430						
AT1G01100	AT1G26880						
AT4G26110	AT3G57470						
AT3G45980	AT5G39740						
AT1G08880	AT5G53900						
AT1G14685	AT3G18130						
AT5G59080	AT5G65360						
AT2G38810	AT2G34640						
AT2G24490	AT2G27710						
AT5G10390	AT2G21650						
AT1G10490	AT5G09240						
AT4G25890	AT5G65440						
AT5G22880	AT4G17390						
AT2G16440	AT1G72370						
AT1G52930	AT5G20160						
AT1G67320	AT5G16130						
AT3G54560	AT5G08620						
AT3G02080	AT4G36540						
AT3G50070	AT3G09500						
AT1G78370	AT2G31890						
AT3G29280	AT5G61170						
AT1G54690	AT5G08180						
AT5G41880	AT3G18600						
AT1G63980	AT5G56950						
AT3G51270	AT4G00100						
AT1G49480	AT1G20220						
AT2G40150	AT2G02480						
AT5G38140	AT1G69700						

Nucleus-13	Nucleus-12	Nucleus-11	Nucleus-9	Nucleus-7	Nucleus-5	Nucleus-4	Nucleus-3
AT5G65460	AT1G75400	AT2G37380	AT3G13740	AT1G29600	AT3G61310	AT4G09550	AT4G33090
AT5G53200	AT4G35510	AT2G42610	AT4G00150	AT1G56210	AT1G55260	AT1G29660	AT3G06420
AT3G57040	AT5G54840	AT1G12860	AT1G33240	AT4G22753	AT3G52290	AT3G55350	AT3G55890
AT4G37930	AT2G39050	AT2G28660	AT5G02010	AT3G22760	AT3G43610	AT5G42540	AT4G08180
AT2G41310	AT2G17290	AT3G46530	AT5G53160	AT3G61950	AT1G50490	AT3G04630	AT1G19230
AT1G13650	AT4G16670	AT1G66140	AT4G19660	AT5G16540	AT2G27040	AT4G17890	AT3G23600
AT1G70660	AT3G55270	AT1G65070	AT2G27810	AT2G45850	AT5G50420	AT1G80370	AT4G35060
AT4G30400	AT5G02040	AT3G16560	AT3G49470	AT4G36470	AT5G11510	AT5G04320	AT5G53220
AT5G16030	AT3G19910	AT5G15210	AT5G10010	AT1G76110	AT3G19820	AT5G13960	AT1G09140
AT4G26150	AT3G24500	AT5G12900	AT3G06080	AT5G56860	AT3G13470	AT4G14540	AT5G41560
AT1G70290	AT5G05930	AT3G02060	AT5G42750	AT4G23060	AT1G35680	AT3G54650	AT2G33150
AT5G17600	AT4G39140	AT4G19530	AT3G60380	AT3G56980	AT1G01080	AT4G33400	AT4G10050
AT1G71050	AT2G22690	AT2G03340	AT1G60010	AT3G53800	AT3G49940	AT2G42740	AT1G48000
AT1G73760	AT1G17745	AT2G05160	AT4G37080	AT1G65480	AT3G07270	AT1G34310	AT5G24450
AT5G67260	AT3G61960	AT3G53170	AT2G02070	AT2G23760	AT4G37110	AT3G20260	AT1G15670
AT1G73870	AT3G13672	AT1G07110	AT1G69780	AT1G49890	AT1G15570	AT4G14770	AT4G29820
AT5G07690	AT2G16720	AT5G19090	AT1G11440	AT3G11090	AT5G48600	AT3G23890	AT3G49210
AT3G59670	AT1G22985	AT1G17850	AT2G04790	AT5G35670	AT2G47590	AT3G55250	AT4G11740
AT5G51850	AT2G22660	AT4G16990	AT5G18650	AT4G16880	AT5G60690	AT4G10300	AT3G61460
AT5G17300	AT5G16600	AT1G72430	AT4G01460	AT1G54040	AT5G60200	AT1G76540	AT3G54620
AT1G35560	AT5G45010	AT2G40670	AT5G39210	AT2G33860	AT2G21385	AT4G01390	AT5G13010
AT5G52120	AT4G26750	AT3G56480	AT3G50750	AT5G24210	AT5G41060	AT5G27740	AT3G62770
		AT1G49650	AT5G19010	AT1G27360	AT5G50740	AT4G23800	AT5G25560
			AT2G36990	AT5G37290	AT1G70210	AT3G01810	AT3G58170
			AT3G23880	AT2G35700	AT4G35950	AT1G44110	AT5G17450
			AT1G14900	AT4G10120	AT3G54090	AT2G33800	AT1G27300
			AT3G55420	AT4G28080	AT3G15030	AT1G07320	AT3G06860
				AT3G17609	AT4G26555	AT5G44560	AT5G08590
				AT4G17880	AT1G80850	AT3G10690	AT3G16170
				AT1G78290	AT4G02800	AT1G57820	AT4G00355
				AT2G03550	AT5G01590	AT1G10470	AT2G38410
				AT5G63780	AT3G49260	AT3G20670	AT1G56010
				AT5G65890	AT5G49960	AT1G29980	AT2G40110
				AT5G42760	AT2G34680	AT2G31270	AT5G16840
				AT3G21950	AT4G37490	AT2G37470	AT1G65000
				AT5G65310	AT2G14660	AT4G23290	AT3G53230
				AT2G39730	AT5G63310	AT4G05190	AT1G53570
				AT4G13100	AT2G32380	AT2G19940	AT3G03490
				AT3G44450	AT3G16260	AT5G24580	AT5G13310
				AT2G20570	AT5G25590	AT4G34160	AT5G49710
				AT3G06160	AT5G60930	AT1G04020	AT5G16550
					AT3G49500	AT4G00180	AT5G23750
					AT3G22780	AT3G48425	AT5G45160
					AT1G80770	AT1G70280	AT5G50780
					AT4G00480	AT3G09920	AT5G10650
					AT3G01860	AT3G16000	AT3G61450
					AT1G68130	AT1G51060	AT2G47190
					AT1G72410	AT4G32830	AT4G35580
					AT1G65860	AT3G22880	AT5G65210
					AT1G22590	AT4G20360	AT2G02870
						AT5G38690	AT5G59950
						AT4G39900	AT1G09530
						AT4G09010	AT3G08020
						AT3G10060	AT1G73010
						AT2G27970	AT1G78610
							AT1G28260
							AT1G31750
							AT1G54710
							AT4G28570
							AT3G14280
							AT5G66050

Nucleus-36	Nucleus-31	Nucleus-30	Nucleus-28	Nucleus-26	Nucleus-20	Nucleus-19	Nucleus-14
AT3G55980	AT3G15630	AT1G73805	AT4G26850	AT1G64400	AT3G26910	AT1G06190	AT1G69260
AT3G49530	AT1G25400	AT2G46400	AT1G56430	AT2G20880	AT3G56410	AT3G04260	AT3G23920
AT3G01830	AT3G42800	AT2G44840	AT1G07050	AT3G28930	AT1G01560	AT4G05330	AT3G46450
AT2G47440	AT2G42870	AT3G45640	AT5G24470	AT4G25480	AT5G63790	AT1G69690	AT4G22820
AT3G02840	AT5G64330	AT3G46620	AT5G04150	AT5G48850	AT3G08710	AT2G42280	AT3G17000
AT5G54490	AT2G16280	AT5G42380	AT4G35090	AT4G28140	AT3G57700	AT3G23050	AT4G21440
AT3G44260	AT4G03190	AT3G48090	AT4G32980	AT1G09350	AT2G38640	AT3G48500	AT5G25540
AT4G23810	AT5G26270	AT3G16720	AT2G14460	AT3G50260	AT4G18880	AT1G12310	AT4G35560
AT3G23250	AT1G73830	AT4G17490	AT5G60100	AT4G25490	AT4G22530	AT1G75180	AT5G47120
	AT4G32280	AT2G39650	AT3G61920	AT2G47240	AT5G24110	AT2G27050	AT3G50910
			AT3G18290	AT4G17695	AT2G28890	AT1G22330	AT3G57540
				AT3G49580	AT2G23320	AT1G53840	AT1G33260
					AT4G38560	AT3G48360	AT1G06160
					AT3G60120	AT3G58120	AT1G04220
					AT3G46670	AT2G18890	AT1G24600
							AT4G24480
							AT4G30470
							AT1G06210
							AT5G59220
							AT3G05630
							AT4G05100

Nucleus-58	Nucleus-57	Nucleus-55	Nucleus-49	Nucleus-48	Nucleus-47	Nucleus-39	Nucleus-37
AT4G28270	AT1G28190	AT3G12320	AT3G57530	AT3G46110	AT3G52430	AT2G40140	AT4G33050
AT4G01330	AT1G15110	AT5G59780	AT1G50040	AT1G80840	AT1G51660	AT1G18400	AT1G01520
AT5G13090	AT3G48690	AT1G64500	AT1G27730	AT2G38470	AT1G67970	AT3G51290	AT4G14365
AT2G39705	AT5G46350	AT5G24870	AT5G52750	AT5G52760	AT5G26920	AT1G69890	AT2G41180
AT4G00755	AT1G65840	AT4G28300	AT4G12720	AT5G67300	AT2G17040	AT5G61600	AT5G46520
		AT2G39450	AT4G23750	AT3G12910	AT5G22250	AT2G37430	AT1G64380
			AT2G22430	AT4G34390	AT1G18570	AT5G51190	AT1G56170
						AT5G46240	AT1G07000
						AT3G56400	AT1G72280

Peroxisome-3	Peroxisome-2	Peroxisome-1	Nucleus-62	Nucleus-59
AT5G65110	AT4G29010	AT3G24570	AT3G16460	AT4G38430
AT5G27600	AT1G49670	AT1G68010	AT4G22910	AT1G78020
AT5G48370	AT5G37670	AT3G19570	AT3G09260	AT3G20200
AT2G29990	AT5G43280	AT5G09660	AT3G07050	AT4G40060
AT1G20560	AT3G05970	AT1G07010	AT5G03040	AT2G03710
AT5G12390	AT2G33150	AT3G01980		
AT4G33905	AT4G27780	AT3G19720		
AT3G03490	AT3G51660	AT4G35090		
AT3G57090	AT3G06860	AT3G47430		
AT3G02360	AT1G20630	AT3G15950		
AT1G76150	AT3G05290	AT1G74910		
AT2G26230	AT4G16210	AT3G14210		
AT4G16760	AT5G11520	AT4G17520		
AT3G24170	AT3G58750	AT1G70580		
AT2G42790	AT4G05530	AT1G52400		
AT5G27520	AT1G26930	AT1G09340		
AT4G18360	AT3G15290	AT1G30520		
	AT1G65840	AT3G09260		
		AT5G19750		
		AT3G16910		
		AT2G42770		
		AT2G31670		
		AT1G60550		
		AT2G06050		

Table S3. Heat.

Chloroplast-8	Chloroplast-7	Chloroplast-6	Chloroplast-5	Chloroplast-3	Chloroplast-2	Chloroplast-1	Module Name
AT1G31190	ATCG00270	AT1G48090	AT4G05530	AT1G74880	AT1G11720	AT5G44650	Genes
AT5G07460	AT1G13700	AT5G53460	AT3G28080	AT5G22330	AT4G18370	AT4G10280	
AT2G32640	AT4G10250	AT1G78370	AT5G66230	AT4G13250	AT3G28130	AT2G45990	
AT5G03630	AT5G61440	AT2G43100	AT1G09390	AT5G67510	AT2G40840	AT4G20960	
AT4G34730	AT4G13830	AT1G21440	AT4G34450	AT1G80270	AT5G38520	AT1G12900	
AT2G30870	AT5G57560	AT1G56500	AT3G23890	AT2G19720	AT1G09780	AT3G50270	
AT1G74030	AT4G34138	AT5G64290	AT5G14100	AT1G30960	AT3G25740	AT4G14570	
AT3G54640	AT5G64260	AT3G16470	AT1G49975	AT3G03920	AT3G43600	AT5G55610	
AT1G03780	ATCG00020	ATCG00760	AT4G39120	AT3G15357	AT4G03200	AT3G19720	
AT5G67030	AT5G54300	ATCG00770	AT4G33000	AT5G46920	AT1G54350	AT3G62410	
AT4G39730	AT1G18740	AT3G59760	AT3G63160	AT1G31010	AT1G31230	AT1G10310	
AT5G42070	ATCG01050	AT3G09260	AT3G15730	AT3G06530	AT1G12800	AT5G25770	
AT4G28660	ATCG01060	AT2G46910	AT1G64650	AT3G56330	AT2G48120	AT4G36210	
AT5G35970	AT2G34590	AT1G73470	AT3G13720	AT2G34520	AT5G02940	AT3G09050	
AT1G35720	ATCG01070	AT1G17745	AT3G09250	AT1G28530	AT5G12170	AT2G30860	
	ATCG00280	AT1G29700	AT1G66200	AT5G09770	AT4G29670	AT2G04400	
		ATCG00660	AT3G27300	AT2G05120	AT5G43745	AT3G09210	
		AT5G40390	AT4G04850	AT2G21660	AT5G20980	AT1G65420	
				AT1G29940	AT1G70580	AT2G28900	
				AT5G20930	AT1G75210	AT4G33010	
				AT1G15510	AT3G07670	AT2G26550	
				AT2G20020	AT3G01060	AT1G70070	
				AT1G04945	AT3G09580	AT2G17265	
				AT4G10760	AT1G22410	AT5G27380	
				AT1G53460	AT3G61540	AT1G54410	
				AT1G61570	AT4G00490	AT3G45140	
				AT2G31840	AT3G49680	AT3G15710	
				AT2G23470	AT1G69830	AT5G48370	
				AT1G48240	AT4G23940	AT5G26570	
				AT4G30840	AT1G03310	AT5G44520	
				AT2G35720	AT4G22840	AT3G23070	
					AT4G30310	AT3G16290	
					AT4G13430	AT3G01120	
					AT5G49030	AT3G46970	
					AT5G63060	AT1G27680	
					AT4G21210	AT3G09150	
					AT3G19490	AT1G29395	
					AT5G63980	AT3G55920	
						AT1G68680	
						AT2G13560	
						AT5G03900	
						AT4G35760	
						AT2G29690	
						AT3G16230	

Chloroplast-24	Chloroplast-21	Chloroplast-20	Chloroplast-19	Chloroplast-16	Chloroplast-13	Chloroplast-12	Chloroplast-11
AT1G27400	AT4G20130	AT5G13270	AT5G57880	AT1G15410	AT2G07360	AT3G54090	AT4G26780
AT2G29530	AT1G18700	AT3G12770	AT5G56600	ATCG00180	AT1G62780	AT3G12340	AT2G25110
AT1G09770	AT1G22940	AT4G18750	AT5G65490	ATCG00780	AT1G30120	AT3G03420	AT4G23885
AT2G19450	AT1G77060	AT1G31790	AT3G13470	AT5G26280	AT3G17820	AT5G09840	AT5G15250
AT5G06340	AT3G52920	AT4G32520	AT4G25130	AT1G61740	AT2G05990	AT4G30930	AT5G49910
AT1G31860	AT5G18280	AT5G63290	AT4G24280	AT5G63790	AT3G15640	AT5G64710	AT5G18100
AT5G04600	AT1G58080	AT1G67120	AT1G65980	AT3G23920	AT2G41560	AT3G56090	AT1G05385
	AT2G02050	AT3G59840	AT1G10960	ATCG01120	AT4G12980	AT5G58370	AT2G33740
	AT5G26830	AT3G23020	AT2G04030	AT4G31870	AT4G38460	AT2G44510	AT4G16660
			AT1G80480	AT4G38510	AT4G15210	AT1G48570	AT5G03560
				AT2G37770	AT2G23670	AT1G09830	AT1G21350
					AT3G05410	AT3G49240	AT3G01100
					AT5G16250	AT5G18820	AT3G07770
						AT2G02880	AT5G15450

Chloroplast-41	Chloroplast-39	Chloroplast-38	Chloroplast-36	Chloroplast-35	Chloroplast-33	Chloroplast-30	Chloroplast-27
AT2G40490	AT5G64050	AT2G29090	AT2G39660	AT5G09440	AT1G70890	ATCG00490	AT3G57810
ATCG00170	ATCG00360	AT1G17050	AT1G65390	AT4G23810	AT2G42600	ATCG00120	AT1G16030
AT5G54800	ATCG00500	AT2G26080	AT3G57260	AT1G27770	AT5G23010	ATCG00130	AT5G61190
AT3G52930	ATCG00510	AT5G24120	AT2G39210	AT1G72520	AT3G18890	ATCG00150	AT5G61510
AT5G19730	ATCG01110	AT1G73650	AT4G02380	AT5G52250	AT1G52510	ATCG00420	AT1G66510
			AT1G61800	AT1G61890	AT5G23020	ATCG00430	AT5G58770

Mitochondria-9	Mitochondria-8	Mitochondria-7	Mitochondria-6	Mitochondria-5	Mitochondria-3	Mitochondria-2	Mitochondria-1
AT4G00880	AT1G28395	AT1G11720	AT1G17870	ATMG01060	AT1G03180	AT2G27775	AT5G60960
AT1G44000	AT5G53880	AT2G43360	AT4G26780	ATMG01220	AT4G30490	AT3G27280	AT4G04790
AT1G09780	AT4G39980	AT2G15830	AT3G23990	ATMG00690	AT3G15780	AT1G02370	AT5G23300
AT1G04640	AT1G20620	AT1G59870	AT1G68140	ATMG00160	AT4G30390	AT1G16870	AT5G47455
AT2G17130	AT5G66380	AT3G22200	AT4G25200	ATMG01180	AT3G11670	AT1G53200	AT1G80720
AT4G23290	AT3G04760	AT5G45700	AT5G56500	ATMG00630	AT5G18040	AT3G23830	AT1G80270
AT3G59760	AT4G14230	AT5G44580	AT4G23885	AT5G18850	AT1G44414	AT1G49880	AT4G37910
AT1G77760	AT1G15810	AT3G15730	AT1G29510	ATMG00110	AT1G79430	AT1G08610	AT2G31060
AT3G58990	AT5G57780	AT4G33010	AT5G42150	AT4G03320	AT2G20940	AT4G35850	AT3G19440
AT4G30310	AT1G66890	AT1G73650	AT4G21580	ATMG01130	AT3G62260	AT5G09840	AT3G56070
AT1G67330	AT1G08130	AT5G18170	AT5G04750	AT1G78930	AT5G09590	AT1G28210	AT5G40660
AT1G35720	AT3G11745	AT2G15970	AT3G54380	ATMG00650	AT5G02810	AT4G30930	AT2G33210
AT5G63980	AT5G50160	AT3G16950	AT4G24280	ATMG00640	AT5G51440	AT3G15590	AT5G61030
AT5G01500	AT5G54180	AT5G15910	AT5G64400	AT2G21640	AT3G59530	AT1G32580	AT3G02650
	AT2G47490	AT2G13560	AT2G30480	ATMG00070	AT5G58070	AT5G14105	AT1G16830
		AT4G35830	AT1G64200	ATMG00060	AT5G19875	AT1G80550	AT3G01800
		AT3G02640	AT3G60190	AT1G76590	AT5G47830	AT2G29530	AT5G55200
			AT3G07770	AT5G40770	AT4G12410	AT3G59820	AT5G46920
			AT5G53160	AT5G48030	AT1G52560	AT2G20060	AT2G37890
				AT4G20020	AT3G57880	AT5G39960	AT5G13610
				ATMG01370	AT3G12580	AT1G64600	AT2G39120
				ATMG01200	AT4G02920	AT5G61880	AT4G01990
				AT3G13860	AT1G74940	AT3G06790	AT1G23100
				ATMG01360	AT5G06280	AT3G53940	AT2G34520
					AT1G59590	AT5G44780	AT2G17670
					AT5G56030	AT1G29490	AT5G39840
					AT4G27657	AT3G49240	AT3G16010
					AT2G36460	AT5G09420	AT2G20710
					AT4G10040	AT1G20300	AT2G21660
					AT5G51740	AT5G54580	AT2G15690
					AT5G25450	AT4G21170	AT1G79490
					AT2G25140	AT1G55900	AT1G48920
					AT5G10695	AT1G71260	AT1G10270
						AT3G48250	AT3G55605
						AT5G23050	AT1G61870
						AT5G02050	AT5G16930
						AT1G71850	AT2G18330
						AT4G35490	AT1G61570
							AT1G15480
							AT3G62450
							AT1G63150

Mitochondria-27	Mitochondria-22	Mitochondria-21	Mitochondria-17	Mitochondria-14	Mitochondria-13	Mitochondria-11	Mitochondria-10
AT1G49840	AT1G29440	AT1G07180	AT5G27110	AT4G37170	AT5G64050	ATMG01350	ATMG00580
AT1G27290	AT3G13470	AT5G52060	AT2G36730	AT1G17510	ATCG00120	AT4G25830	AT2G25735
AT1G33055	AT1G29500	AT2G26080	AT4G39530	AT1G77010	AT3G52930	AT5G15090	AT1G21000
AT5G11070	AT4G25130	AT3G30720	AT3G15140	AT5G49410	AT3G15640	ATMG00600	AT2G40000
AT3G07350	AT1G14980	AT5G24120	AT5G39350	AT5G66500	AT3G08600	AT2G35750	AT4G28085
	AT2G04030	AT3G21390	AT1G31430	AT5G52850	AT2G02050	ATMG00510	AT3G07450
			AT3G23020	AT3G45300	AT3G02750	ATMG01100	AT1G73500
			AT5G61370	AT1G13410	AT1G65500	ATMG00450	AT1G03850
				AT5G19020	AT1G24180	AT3G51790	AT5G06320
					ATCG01110	AT2G07728	AT3G10930
						AT5G27460	AT2G41100
						ATMG01210	AT4G24570
						AT5G16200	AT5G51390
							AT2G18700

Ribosome-2	Ribosome-1	Endoplas-mic_Reticulum-8	Endoplas-mic_Reticulum-6	Endoplas-mic_Reticulum-4	Endoplas-mic_Reticulum-3	Endoplas-mic_Reticulum-2	Endoplas-mic_Reticulum-1
AT5G67510	AT1G25260	AT4G37370	AT5G53560	AT4G37410	AT2G47240	AT3G10800	AT2G36900
AT3G55170	AT2G42740	AT1G07720	AT5G27330	AT1G27770	AT3G18370	AT3G08970	AT2G25110
AT1G23410	AT4G26230	AT1G01120	AT2G20450	AT2G41230	AT5G20660	AT5G15860	AT4G00090
AT2G37600	AT1G27400	AT1G08930	AT2G15090	AT1G64170	AT4G37640	AT1G14360	AT2G32920
AT2G19720	AT3G53740	AT2G31360	AT5G37300	AT1G76090	AT4G36250	AT1G18260	AT1G21460
AT2G19750	AT4G30800		AT5G40480	AT2G44080	AT3G55120	AT4G22340	AT3G23150
AT4G34670	AT2G20450		AT1G06080	AT3G18250	AT3G52640	AT4G38570	AT5G61790
AT5G56940	AT5G27850		AT3G51430	AT2G28630	AT1G49430	AT5G58070	AT2G02810
AT1G64880	AT5G58420			AT1G05575	AT2G40940	AT3G57880	AT1G04980
AT3G02190	AT2G34520					AT4G29520	AT4G16660
AT1G49400	AT1G80750					AT4G11220	AT5G45130
AT2G45710	AT4G29410					AT5G64510	AT3G62600
	AT1G34030					AT5G47120	AT5G47420
	AT3G04920						
	AT1G07070						
	AT4G35490						
	AT5G28060						

Golgi_Apparatus-5	Golgi_Apparatus-3	Golgi_Apparatus-2	Golgi_Apparatus-1	Ribosome-6	Ribosome-5	Ribosome-4	Ribosome-3
AT4G22330	AT5G15470	AT2G36900	AT1G70090	ATCG00490	AT3G23990	AT5G37600	AT4G30930
AT4G02130	AT1G08280	AT1G32090	AT1G18630	AT3G09440	AT3G13470	AT3G17820	AT5G15750
AT3G12740	AT5G44930	AT5G15860	AT5G39580	ATCG00760	AT1G61580	AT1G20620	AT5G64650
AT5G16510	AT1G74680	AT2G32920	AT2G23810	ATCG00770	AT2G28000	AT3G18080	AT1G07830
AT1G52360	AT3G01040	AT1G14360	AT5G25100	ATCG00780	AT3G17465	AT5G52650	AT2G44860
AT2G43160	AT1G71040	AT3G53230	AT1G24170	ATCG01120	AT1G17460	AT3G10610	AT2G20060
AT1G78240	AT1G55690	AT5G03340	AT4G08950	ATCG00660	AT5G02500	AT1G66200	AT4G02230
AT5G18280	AT1G27930	AT4G38570	AT1G12780		AT1G07210	AT5G55990	AT5G09770
AT1G10630	AT4G39840	AT5G58070	AT5G57560				AT5G06360
AT1G10950	AT4G19120	AT3G29810	AT2G03760				AT1G15250
AT2G28520	AT4G36640	AT3G12580	AT5G64260				
AT3G01390	AT5G61240	AT2G17380	AT1G12990				
AT3G49310	AT3G47960	AT4G16660	AT5G06860				
AT2G37550	AT4G39390	AT3G49780	AT2G44500				
	AT1G19710	AT1G79820	AT5G06320				
	AT3G27540	AT4G11220	AT1G35140				
	AT1G74800	AT1G07410	AT5G37770				
	AT5G33290	AT1G49710	AT3G62720				
			AT1G66180				
			AT1G27200				
			AT4G25810				
			AT3G25600				
			AT4G30440				
			AT4G30280				

Vacuole-5	Vacuole-4	Vacuole-3	Vacuole-2	Vacuole-1	Golgi_Apparatus-10	Golgi_Apparatus-7	Golgi_Apparatus-6
AT4G29260	AT2G01690	AT2G32810	AT3G05500	AT1G80660	AT5G02490	AT5G47730	AT4G30270
AT4G14570	AT2G24420	AT3G16470	AT1G59870	AT4G14385	AT3G09440	AT1G53290	AT3G23750
AT2G07680	AT4G23640	AT4G37550	AT3G22200	AT5G15090	AT5G56030	AT2G02040	AT3G45970
AT1G28580	AT1G71880	AT2G30870	AT4G33000	AT3G23990	AT5G02500	AT4G31590	AT2G33570
AT2G30860	AT2G05170	AT4G23600	AT5G62740	AT2G32920	AT1G05170	AT4G30190	AT3G28180
AT4G10060	AT4G16260	AT2G39330	AT1G20840	AT1G78610		AT1G24070	AT5G44130
AT2G28900	AT3G52930	AT3G09260	AT4G25640	AT5G05480		AT1G55840	AT1G22530
AT2G02040	AT1G10630	AT1G52410	AT1G73650	AT1G03860			AT1G23480
AT1G74210	AT4G38510	AT5G11670	AT1G64650	AT5G61790			
AT4G30190	AT2G28520	AT4G33360	AT1G66200	AT1G03470			
AT1G62200	AT3G01390	AT4G39730	AT2G15970	AT4G16660			
AT1G79690	AT4G33530	AT1G35720	AT1G47530	AT5G62200			
		AT4G29700	AT4G35830	AT5G45130			
			AT1G18840	AT5G48570			
				AT1G64200			
				AT1G60960			
				AT5G40770			
				AT3G60190			
				AT2G04030			
				AT3G13860			

Nucleus-3	Nucleus-2	Nucleus-1	Vacuole-12	Vacuole-10	Vacuole-8	Vacuole-7	Vacuole-6
AT5G56910	AT3G57000	AT5G09860	AT1G79410	AT2G45170	AT1G69840	AT2G42740	AT5G09590
AT1G51200	AT3G23620	AT3G53730	AT5G12010	AT4G16500	AT1G11260	AT1G27400	AT1G79550
AT3G15540	AT5G52380	AT4G18120	AT4G12730	AT3G61180	AT5G14120	AT3G53740	AT2G36830
AT5G13680	AT1G18850	AT4G11080	AT4G23200	AT5G15350	AT4G39090	AT2G20450	AT5G18100
AT2G34357	AT1G63780	AT5G43900	AT3G21690	AT5G67480	AT5G06320	AT5G27850	AT5G58070
AT1G05410	AT1G53200	AT1G29980	AT3G62150	AT4G21980	AT2G41100	AT5G15160	AT3G12580
AT1G31970	AT1G31660	AT1G21700	AT5G44670	AT1G09070	AT5G20230	AT4G37190	AT1G67360
AT1G02870	AT4G01560	AT4G34050			AT3G62550	AT1G34030	AT2G47730
AT1G54770	AT2G19385	AT5G18590				AT3G04920	AT5G02500
AT1G65700	AT5G06550	AT3G16060					AT3G03520
AT3G06530	AT4G13750	AT4G15130					
AT5G52470	AT4G25730	AT3G27310					
AT2G04530	AT5G53770	AT5G11950					
AT5G60040	AT5G15750	AT1G13650					
AT3G44750	AT5G64680	AT3G22780					
AT4G22380	AT2G18900	AT3G26090					
AT5G62290	AT2G40360	AT2G22740					
AT2G05120	AT5G06110	AT3G45980					
AT4G27010	AT1G30240	AT1G43620					
AT4G38440	AT2G44510	AT4G00750					
AT2G31970	AT1G51380	AT4G02860					
AT4G29510	AT3G13230	AT1G75990					
AT1G18800	AT2G47990	AT5G52310					
AT2G23930	AT5G15550	AT3G60450					
AT5G16610	AT4G28450	AT1G01730					
AT1G52830	AT4G15770	AT4G28610					
AT5G16750	AT3G09720	AT3G16830					
AT1G56110	AT5G62440	AT1G10900					
AT1G74560	AT5G24840	AT4G02680					
AT4G30840	AT2G32600	AT2G47980					
AT1G15790	AT2G45730	AT1G06760					
AT3G46920	AT4G15850	AT4G37210					
	AT4G37090	AT2G45660					
	AT5G11240	AT2G04660					
	AT3G10530	AT5G47970					
	AT3G25940	AT5G14460					
	AT3G58660	AT2G33860					
		AT2G27170					
		AT4G16880					
		AT5G09250					
		AT4G27240					
		AT1G15660					
		AT5G56270					
		AT1G51680					

Nucleus-14	Nucleus-12	Nucleus-11	Nucleus-10	Nucleus-9	Nucleus-8	Nucleus-7	Nucleus-4
AT5G48520	AT5G61000	AT1G52160	AT3G10800	AT5G05410	AT5G22840	AT4G22753	AT1G12290
AT2G37420	AT2G41180	AT5G61770	AT1G56170	AT1G55300	AT5G14520	AT3G28930	AT2G43650
AT1G26170	AT1G53230	AT1G79150	AT5G02490	AT3G24500	AT1G12830	AT5G43745	AT3G05060
AT3G13330	AT2G37630	AT4G10620	AT1G29260	AT2G46240	AT5G60990	AT4G34450	AT1G50920
AT5G65460	AT4G27230	AT3G18600	AT1G62740	AT5G65480	AT1G75670	AT5G65020	AT3G07860
AT5G13840	AT1G51060	AT3G03920	AT1G79550	AT2G26150	AT4G30935	AT4G23290	AT5G38890
AT2G27970	AT3G13480	AT1G69070	AT5G23480	AT3G09440	AT2G27100	AT1G50490	AT1G60620
AT4G05190	AT2G22430	AT1G52930	AT5G53120	AT4G11660	AT1G75860	AT3G20270	AT1G06720
AT1G20693	AT5G08020	AT5G12220	AT4G34680	AT5G04340	AT5G57280	AT5G59870	AT2G40700
AT1G20696	AT4G32980	AT3G49890	AT3G45610	AT2G27580	AT1G14300	AT5G35180	AT2G47580
AT4G32330	AT5G43080	AT4G02400	AT3G48070	AT1G18330	AT2G47790	AT3G15730	AT2G44860
AT5G15490	AT5G61420	AT3G01160	AT3G12050	AT2G24100	AT4G12750	AT5G09240	AT3G16810
AT1G76540	AT2G40475	AT2G21440	AT2G23780	AT5G62020	AT4G02220	AT5G39320	AT4G19610
AT3G25980	AT5G52510	AT5G12080	AT5G56030	AT1G14200	AT5G20600	AT3G54750	AT5G42920
AT3G09250	AT1G73630	AT2G37990	AT3G59430	AT4G23570	AT3G02555	AT1G19330	AT1G09770
AT5G14720	AT2G20570	AT1G10270	AT3G25230	AT3G07090	AT5G30490	AT1G03780	AT1G60850
AT3G13060	AT5G53420	AT3G57940	AT5G04410	AT5G04610	AT5G10650	AT1G47210	AT4G02460
	AT2G31230	AT5G65850	AT1G29150	AT5G35320	AT1G61620	AT3G02120	AT1G15440
			AT2G43630	AT3G09350	AT5G23090	AT4G32570	AT1G70310
			AT5G18340	AT3G51910	AT1G76300	AT5G42070	AT3G42800
			AT2G18510	AT1G26800	AT4G26600	AT5G22880	AT4G23540
				AT5G47120	AT5G54910	AT2G26760	AT5G12410
					AT1G15420	AT5G65360	AT4G28200
					AT3G07590	AT1G09200	AT4G04940
					AT1G76860	AT1G35720	AT2G42680
					AT2G41500	AT5G10400	AT1G42440
							AT5G66540
							AT4G32720
							AT5G20160

Nucleus-35	Nucleus-32	Nucleus-29	Nucleus-24	Nucleus-22	Nucleus-21	Nucleus-17	Nucleus-16
AT5G25350	AT3G57390	AT1G03180	AT1G18270	AT5G65640	AT1G25260	AT4G01250	AT5G08620
AT2G43160	AT2G30350	AT1G57820	AT1G14350	AT4G10120	AT5G56280	AT5G52760	AT4G16146
AT2G19570	AT3G07650	AT1G49590	AT2G39450	AT3G20670	AT5G59140	AT1G76650	AT1G72040
AT1G24260	AT5G03720	AT5G64330	AT3G57780	AT1G20930	AT4G39160	AT1G23710	AT1G54680
AT2G30520	AT3G03950	AT1G79430	AT5G39570	AT3G18500	AT3G61780	AT2G38470	AT1G29250
AT3G18290	AT1G09700	AT2G24790	AT1G04530	AT4G02800	AT2G46230	AT4G23810	AT4G09140
AT2G29510	AT2G24960	AT3G22090	AT5G17160	AT5G10390	AT1G48970	AT4G14365	AT1G17680
AT5G63790	AT3G10120	AT1G75980	AT1G43670	AT4G31590	AT1G23280	AT1G80840	AT5G04320
AT5G02310	AT1G65660	AT4G37730	AT1G07110	AT3G46030	AT1G26580	AT4G17500	AT4G12760
AT4G38600	AT2G45400	AT1G70180	AT3G16950	AT3G52110	AT4G29820	AT1G25400	AT3G02220
			AT3G51920	AT2G28740	AT5G04600	AT2G42870	AT2G19540
				AT3G02380	AT5G28060	AT1G19180	AT5G15920
					AT1G63810	AT1G17380	AT5G23405
						AT2G34600	AT2G19670
						AT4G17490	AT3G61100

Nucleus-65	Nucleus-62	Nucleus-57	Nucleus-49	Nucleus-46	Nucleus-45	Nucleus-44	Nucleus-40
AT3G46600	AT3G51500	AT5G50450	AT5G09920	AT2G18280	AT5G22330	AT2G23290	AT2G01520
AT3G48360	AT5G11090	AT5G61600	AT3G55530	AT2G03070	AT3G56510	AT5G05140	AT3G01090
AT3G61060	AT2G30260	AT1G74930	AT3G07230	AT1G72830	AT4G34670	AT3G57930	AT1G79000
AT5G22920	AT1G03470	AT2G40140	AT1G78650	AT4G14760	AT3G12860	AT3G55980	AT2G30050
AT1G23870	AT5G57370	AT3G15500	AT3G18130	AT5G54970	AT3G11964	AT1G63750	AT1G29400
AT2G18700	AT2G18410	AT1G27730	AT2G43190	AT4G39860	AT1G04945	AT3G48100	AT3G51770
		AT5G47230	AT3G29375	AT4G23800	AT5G40530	AT3G02140	AT1G09020
			AT5G15580	AT5G57410	AT2G45710	AT4G31800	AT2G39770
						AT5G61590	AT3G56480

Peroxisome-2	Peroxisome-1	Nucleus-77	Nucleus-73	Nucleus-71	Nucleus-70	Nucleus-66
AT3G24170	AT5G48230	AT3G49940	AT1G20620	AT4G08460	AT3G03450	AT5G23130
AT1G52400	AT4G27820	AT1G18570	AT1G48050	AT4G25630	AT5G46690	AT3G50060
AT3G09260	AT1G20510	AT4G37260	AT2G22400	AT1G64490	AT5G17220	AT1G73830
AT1G52410	AT1G49670	AT5G65660	AT3G06930	AT2G27840	AT5G60890	AT5G05440
AT3G15950	AT1G07180	AT3G57530	AT2G06990	AT4G10760	AT1G56430	AT1G21910
	AT5G43900				AT4G30410	AT5G67300
	AT1G04290					
	AT1G20620					
	AT4G05530					
	AT3G19720					
	AT5G43140					
	AT2G06050					
	AT1G70580					
	AT5G11520					
	AT2G44490					
	AT1G13460					
	AT5G48370					
	AT4G39260					
	AT5G48880					

Table S3. UV.

Chloroplast-7	Chloroplast-6	Chloroplast-5	Chloroplast-4	Chloroplast-3	Chloroplast-2	Chloroplast-1	Module Name
AT1G72320	AT4G17600	AT1G26340	AT2G40840	AT1G31690	ATCG00270	AT4G20130	**Genes**
AT1G29940	AT3G06980	AT5G14930	AT3G53470	AT1G65230	ATCG00490	AT4G30720	
AT4G35630	AT4G25080	AT4G03320	AT1G22630	AT3G48420	ATCG01010	AT1G52220	
AT5G15090	AT1G32550	AT4G33070	AT2G01870	AT3G26710	ATCG00650	AT5G63420	
AT3G10050	AT4G15110	AT1G74710	AT1G20010	AT2G39470	ATCG00730	AT3G53460	
AT1G48850	AT3G15110	AT4G00550	AT1G23400	AT1G62780	ATCG00130	AT5G51820	
AT1G06380	AT4G38160	AT1G79550	AT4G25910	AT5G48790	ATCG00640	AT5G58250	
AT5G55610	AT4G24750	AT5G03290	AT1G20020	AT1G19150	ATCG00120	AT3G46630	
AT3G20330	AT5G66230	AT2G30870	AT5G09820	AT5G38520	AT4G34830	AT4G18480	
AT1G30960	AT2G30695	AT5G51070	AT1G70820	AT1G14345	ATCG00590	AT2G21370	
AT5G55200	AT2G37660	AT1G74310	AT2G29630	AT3G56650	ATCG01080	AT1G51080	
AT3G15352	AT3G16250	AT5G52810	AT5G64860	AT4G33470	ATCG00680	AT3G14930	
AT5G46920	AT4G19100	AT1G04945	AT2G45960	AT1G14150	ATCG00170	AT2G40490	
AT1G31010	AT5G45040	AT5G27380	AT4G18240	AT1G20810	ATCG00210	AT3G18680	
AT2G04400	AT3G25805	AT1G19250	AT1G08550	AT5G62840	ATCG00140	AT3G18390	
AT3G49240	AT5G57030	AT2G13810	AT4G18740	AT5G08050	ATCG00780	AT1G21600	
AT2G45290	AT1G55370	AT5G61790	AT2G28900	AT5G18660	ATCG01120	AT1G50900	
AT5G67630	AT5G03940	AT3G28940	AT5G42030	AT3G55330	ATCG00430	AT4G26670	
AT5G13280	AT4G24090	AT3G48890	AT1G35420	AT1G66430	ATCG00150	AT3G20230	
AT1G80270	AT5G52970	AT2G30550	AT1G10760	AT3G01440	ATCG00790	AT3G09050	
AT2G16460	AT3G12930	AT2G25140	AT4G09020	AT2G01590	ATCG00300	AT1G74850	
AT2G35720	AT5G62790	AT2G23890	AT3G03980	AT1G15980	ATCG00520	AT2G06850	
	AT1G68590	AT2G35980	AT5G26570	AT2G26550	ATCG00530	AT1G49975	
	AT1G08520	AT5G64510	AT5G57170	AT5G01920	ATCG00180	AT1G60600	
	AT4G17560	AT1G04810	AT3G32930	AT3G53130	ATCG00360	AT3G63170	
		AT4G26970	AT3G46970	AT1G45474	ATCG00500	AT5G52960	
		AT5G17990	AT5G13730	AT3G15095	ATCG00190	AT5G52440	
			AT5G08410	AT2G30170	ATCG01110	AT3G52150	
				AT5G53580	ATCG00420	AT5G38290	
				AT5G27290	ATCG00600	AT5G45930	
				AT3G54050	ATCG01060	AT3G55250	
				AT5G58260	ATCG00040	AT2G39140	
				AT1G54500	ATCG00510	AT5G23060	
				AT1G76450	ATCG01070	AT1G33810	
				AT4G33500	AT3G56160	AT3G60370	
				AT5G59250	AT5G05270	AT4G15510	
				AT3G10060	ATCG00280	AT2G35500	
				AT5G43750	ATCG00660	AT3G12700	
					ATCG00065	AT2G25800	
					ATCG00710	AT4G26370	
						AT2G26900	
						AT5G08280	
						AT5G16250	
						AT2G33255	

Chloroplast-23	Chloroplast-22	Chloroplast-21	Chloroplast-17	Chloroplast-15	Chloroplast-11	Chloroplast-9	Chloroplast-8
AT4G00970	AT3G45980	AT4G09350	AT3G21140	AT3G57090	AT2G14290	AT2G36390	AT1G09210
AT2G47730	AT3G57260	AT3G47860	AT4G39950	AT1G61120	AT3G55450	AT2G45740	AT1G77510
AT3G22400	AT1G04980	AT3G63160	AT3G07700	AT1G78570	AT5G11000	AT1G64355	AT1G13990
AT2G31955	AT1G69720	AT4G27700	AT3G28450	AT4G39980	AT1G72520	AT2G47910	AT3G54960
AT5G50210	AT1G12520	AT5G01790	AT2G22330	AT5G09590	AT2G44490	AT3G26900	AT5G13800
AT2G26150	AT5G44820	AT1G03310	AT3G51450	AT1G22410	AT4G14690	AT2G48070	AT2G25110
AT1G10700	AT1G21750	AT1G13280	AT1G61280	AT2G18690	AT1G06690	AT3G16240	AT1G08450
AT1G74750	AT2G28190	AT5G20935	AT3G48090	AT2G39210	AT5G44070	AT2G03420	AT4G24190
AT4G04510	AT1G33960	AT3G52180	AT4G31870	AT3G17240	AT5G01950	AT5G52780	AT3G02520
	AT2G37770	AT1G73170	AT4G20830	AT5G23710	AT1G15170	AT3G17470	AT2G24200
			AT2G36750	AT5G05730	AT5G22630	AT3G44020	AT1G62730
			AT5G61210	AT4G23280	AT5G56980	AT4G16410	AT1G17745
				AT3G57280	AT1G09940	AT5G39210	AT1G02470
					AT3G14050	AT3G46780	AT1G54150
					AT3G21520	AT1G73655	AT1G52600
					AT5G64300	AT1G14030	AT4G21980
						AT4G30993	AT1G29150
						AT5G51545	AT2G29350
							AT2G32920
							AT3G51430

Mitochondria-3	Mitochondria-2	Mitochondria-1	Chloroplast-39	Chloroplast-35	Chloroplast-30	Chloroplast-26	Chloroplast-25
AT3G57090	AT5G60960	AT2G21640	AT2G27510	AT4G34120	AT5G17520	AT5G45680	AT1G69040
AT4G03320	AT1G02370	AT1G10270	AT5G16230	AT3G22890	AT1G69830	AT1G05385	AT1G20620
AT4G30390	AT2G20420	AT2G15690	AT3G15357	AT4G39940	AT1G78060	AT5G13510	AT3G03830
AT2G20800	AT4G26780	AT3G03610	AT1G06130	AT4G04610	AT2G30790	AT5G02120	AT2G36050
AT4G25200	AT1G64880	AT5G42150	AT5G07010	AT2G22250	AT1G75460	AT1G75690	AT4G27440
AT3G12580	AT3G01280	AT5G15090		AT3G04230	AT1G29390	AT2G29180	AT2G41560
AT5G09590	AT4G02930	AT1G80720			AT1G29395	AT5G28500	AT4G03400
AT3G48850	AT1G22840	AT4G37910				AT3G26060	AT1G27210
AT2G41230	AT1G08610	AT2G20940					AT4G34770
AT5G03290	AT2G31060	AT5G09840					
AT5G38710	AT5G02050	AT3G08950					
AT2G17130	AT1G53760	AT4G26910					
AT2G29990	AT3G56070	AT5G51440					
AT5G25940	AT5G13490	AT1G16830					
AT2G36460	AT2G29530	AT5G55200					
AT5G51740	AT3G02650	AT5G08300					
AT2G25140	AT1G03860	AT5G14105					
AT3G17240	AT2G39795	AT5G46920					
AT5G67310	AT2G15000	AT1G61870					
AT2G35980	AT4G21090	AT4G38540					
AT4G39030	AT4G34200	AT3G59820					
	AT5G05990	AT3G54980					
	AT1G48920	AT5G38830					
	AT1G55900	AT2G17670					
	AT5G22650	AT5G39840					
	AT2G36530	AT3G53940					
	AT3G55605	AT1G04070					
	AT5G16930	AT3G49240					
	AT2G18330	AT1G15870					
	AT4G31810	AT5G64400					
		AT5G09420					
		AT3G01800					
		AT3G51790					
		AT2G39120					
		AT4G38150					
		AT4G26970					
		AT5G55070					

Mitochondria-19	Mitochondria-14	Mitochondria-12	Mitochondria-10	Mitochondria-8	Mitochondria-7	Mitochondria-6	Mitochondria-4
ATMG00580	AT3G27280	AT2G30620	AT2G17270	AT3G53470	AT2G03310	AT3G56010	AT1G10070
AT4G11600	AT1G61570	AT1G29440	AT2G35710	AT5G53880	AT2G38400	AT2G25840	AT3G62650
ATMG00070	AT2G36070	AT2G21200	AT2G01180	AT2G01870	AT1G29450	AT5G51820	AT1G20620
ATCG01110	AT1G23100	AT3G28420	AT4G01950	AT1G31650	AT3G19720	AT2G45740	AT3G22200
ATMG01360	AT5G40770	AT1G66890	AT2G40000	AT5G18850	AT5G02810	AT3G50685	AT3G13450
	AT2G05710	AT3G11620	AT3G56290	AT1G29500	AT1G29460	AT4G38160	AT4G34030
	AT4G08390	AT5G14410	AT1G73500	AT1G53000	AT2G35470	AT2G48070	AT3G30775
	AT4G20020	AT5G57780	AT5G66070	AT1G60000	AT1G75180	AT3G63170	AT3G45300
		AT4G38850	AT2G22500	AT1G35420	AT3G20300	AT2G45350	AT1G76960
		AT4G38860	AT4G24570	AT1G10760	AT4G33150	AT5G10480	AT1G03090
		AT4G34760	AT5G24850	AT2G21660	AT1G55510	AT3G55250	AT3G14060
		AT3G45210	AT1G56345	AT1G76190	AT3G61430	AT5G23060	AT1G01240
			AT3G61190	AT1G34640	AT5G11070	AT3G08600	AT5G14780
				AT5G23020	AT2G32090	AT3G25530	AT1G58180
				AT5G28020	AT4G33960	AT3G12930	AT1G33970
					AT4G37220	AT4G26370	AT5G18170
					AT5G50375	AT3G06483	AT1G20630
					AT3G03840	AT2G33250	AT5G05690
							AT2G14170
							AT3G51840
							AT2G18700

Ribosome-2	Ribosome-1	Endoplas-mic_Reticulum-7	Endoplas-mic_Reticulum-5	Endoplas-mic_Reticulum-4	Endoplas-mic_Reticulum-3	Endoplas-mic_Reticulum-2	Mitochondria-22
AT1G64880	ATCG00490	AT1G14360	AT1G68530	AT4G03510	AT3G12120	AT1G77510	AT2G25680
AT1G61580	ATCG00650	AT5G53560	AT5G62890	AT4G28270	AT4G00400	AT3G54960	AT4G27657
AT4G30800	ATCG00640	AT2G02810	AT4G24510	AT5G57655	AT5G58600	AT2G25110	AT1G30260
AT2G44860	ATCG00810	AT4G16660	AT2G26250	AT1G07720	AT2G15090	AT2G47470	AT5G19970
AT2G20060	ATCG00760	AT5G61790	AT1G25450	AT4G33360	AT5G42100	AT1G08450	AT4G17360
AT1G80750	ATCG00770	AT3G62600	AT5G10480	AT5G16550	AT5G50375	AT4G01320	
AT2G19750	ATCG00780		AT4G36250	AT1G76090	AT2G31360	AT4G24190	
AT2G39390	ATCG01120		AT3G55360	AT3G18490	AT1G17700	AT2G03510	
	AT1G01120			AT5G13710	AT1G14290	AT1G65020	
	ATCG00790					AT3G18370	
	ATCG00050					AT1G65820	
	ATCG00660					AT1G04980	
	ATCG00065					AT1G52600	
						AT4G29520	
						AT1G21900	
						AT1G27980	
						AT2G16595	
						AT2G32920	
						AT3G51430	

Golgi_Apparatus-12	Golgi_Apparatus-11	Golgi_Apparatus-7	Golgi_Apparatus-5	Golgi_Apparatus-2	Golgi_Apparatus-1	Ribosome-4	Ribosome-3
AT4G30270	AT3G02250	AT4G08950	AT4G17140	AT1G77510	AT3G19260	AT5G13510	AT5G39850
AT1G71040	AT4G32410	AT5G57560	AT2G38120	AT3G53230	AT3G12740	AT1G64510	AT1G56450
AT5G51570	AT5G65810	AT4G25810	AT3G62660	AT4G18430	AT1G22180	AT3G20230	AT3G51260
AT1G30900	AT5G64740	AT5G64260	AT1G32090	AT2G25650	AT5G47730	AT5G24490	AT3G09840
AT4G20110	AT4G27720	AT1G12990	AT4G02130	AT3G26440	AT1G74870	AT1G48350	AT2G19740
		AT3G62720	AT1G04430	AT1G14360	AT5G17060	AT5G55990	AT1G53850
		AT2G44500	AT5G44130	AT3G02520	AT2G37980	AT4G17560	AT1G16470
		AT1G35140	AT1G05850	AT2G03510	AT5G24810		
		AT4G30440	AT1G22530	AT5G58070	AT3G50760		
			AT1G14290	AT3G09840	AT3G09440		
				AT5G19440	AT3G51160		
				AT1G65820	AT2G03760		
				AT4G16660	AT4G23010		
				AT3G28480	AT2G30490		
				AT2G32920	AT3G09020		
				AT2G05320	AT3G57330		
				AT1G49710	AT4G39890		
					AT1G76970		
					AT5G02490		
					AT5G23850		

Vacuole-11	Vacuole-10	Vacuole-8	Vacuole-7	Vacuole-4	Vacuole-3	Vacuole-1	Golgi_Apparatus-13
AT4G08770	AT1G71880	AT1G09210	AT5G15090	AT3G01280	AT2G47730	AT2G27020	AT5G57655
AT5G40770	AT2G43160	AT5G07440	AT4G37910	AT1G22840	AT3G14990	AT3G54960	AT1G12780
AT3G13860	AT3G01290	AT1G71140	AT4G32070	AT1G53760	AT3G12580	AT5G40930	AT3G22200
AT2G05710	AT4G21380	AT5G05460	AT1G79550	AT1G66580	AT5G09590	AT4G01320	AT4G15610
AT2G33210	AT5G13930	AT3G51860	AT3G54110	AT1G03860	AT3G22060	AT3G51260	AT1G72150
AT1G53850	AT1G21250	AT4G21980	AT5G52450	AT5G53560	AT3G09440	AT5G58070	
AT5G39040	AT2G41100	AT5G47560	AT4G29210	AT3G27170	AT2G30490	AT2G24200	
AT3G04120	AT3G57330	AT3G20250	AT5G48570	AT3G22630	AT5G45130	AT4G16260	
	AT1G59870	AT5G07340	AT2G47800	AT5G22650	AT3G13100	AT5G54500	
				AT3G07590	AT1G18210	AT3G60190	
					AT3G13090	AT2G32920	

Nucleus-5	Nucleus-3	Nucleus-2	Nucleus-1	Vacuole-20	Vacuole-18	Vacuole-17	Vacuole-13
AT1G10270	AT5G61560	AT5G14050	AT2G43650	AT5G14120	AT4G17140	AT3G13000	AT1G77510
AT5G62480	AT3G14700	AT5G55920	AT5G60960	AT2G40420	AT4G17340	AT3G16240	AT2G47470
AT1G71530	AT3G10500	AT1G72320	AT3G57000	AT1G20840	AT3G16850	AT1G62290	AT4G24190
AT5G12480	AT2G47730	AT4G15770	AT3G22660	AT2G41560	AT1G22740	AT2G45350	AT2G03510
AT5G15090	AT3G14990	AT1G73490	AT3G23620	AT1G72150	AT3G10410	AT1G27480	AT3G57260
AT4G17720	AT1G10170	AT1G18850	AT1G52160			AT5G55990	AT5G13750
AT1G68620	AT3G50910	AT5G61770	AT4G03180				AT2G29120
AT3G19130	AT1G05880	AT3G24080	AT1G63780				AT1G21750
AT3G26090	AT2G20320	AT5G06110	AT3G10530				
AT1G15420	AT4G36030	AT4G28450	AT1G08580				
AT4G04800	AT3G11850	AT4G01560	AT3G15460				
AT5G12220	AT1G05710	AT1G79150	AT3G62310				
AT3G19360	AT3G46930	AT2G31410	AT3G12340				
AT3G02555	AT4G14220	AT5G24660	AT1G50920				
AT3G12860	AT4G16680	AT3G56990	AT2G29540				
AT4G12120	AT1G32870	AT5G06550	AT5G08180				
AT3G61630	AT1G12200	AT3G57150	AT2G34260				
AT5G23710	AT2G41630	AT5G64420	AT3G18600				
AT5G54910	AT2G27580	AT4G05410	AT5G15750				
AT4G22530	AT2G30140	AT3G28930	AT4G04940				
AT2G47000	AT3G09440	AT1G06380	AT3G21540				
AT3G55620	AT4G01870	AT5G38890	AT3G55510				
AT3G58660	AT2G40180	AT1G60850	AT1G14300				
	AT5G13080	AT5G60030	AT1G31660				
	AT2G26150	AT1G22200	AT5G02820				
	AT2G46310	AT3G13940	AT4G25630				
	AT3G20410	AT1G06720	AT1G30240				
	AT4G31860	AT2G40700	AT3G44750				
	AT2G38340	AT2G18900	AT2G44510				
	AT3G54520	AT1G69070	AT1G51380				
	AT1G61140	AT5G15550	AT3G01160				
	AT1G03740	AT2G18220	AT1G15440				
	AT5G66010	AT1G14060	AT1G80750				
	AT3G11020	AT5G14520	AT5G67240				
	AT5G55600	AT1G04945	AT3G60360				
	AT1G54090	AT3G13230	AT2G27840				
	AT5G65140	AT1G01060	AT1G53645				
	AT3G57700	AT5G67630	AT1G43860				
	AT5G02490	AT3G05060	AT4G29510				
		AT2G47990	AT5G57120				
		AT4G26600	AT4G02400				
		AT5G10520	AT2G37990				
		AT3G25230	AT1G23280				
		AT1G31870	AT1G48920				

Nucleus-16	Nucleus-15	Nucleus-14	Nucleus-13	Nucleus-12	Nucleus-11	Nucleus-10	Nucleus-8
AT4G28200	AT5G08620	AT4G01290	AT5G48655	AT1G73760	AT3G17100	AT1G01080	AT5G46230
AT1G76300	AT2G18740	AT4G10910	AT3G45640	AT1G12120	AT5G40450	AT1G53840	AT2G35940
AT3G03920	AT2G46230	AT4G27410	AT1G27100	AT2G42610	AT3G09980	AT3G06980	AT5G13330
AT2G44860	AT3G57660	AT2G30250	AT4G11660	AT1G08040	AT1G01770	AT1G12860	AT5G03970
AT2G40430	AT4G25340	AT2G43160	AT5G03720	AT1G70280	AT2G03340	AT1G55260	AT5G39610
AT1G20200	AT1G52930	AT3G54810	AT1G07500	AT5G57180	AT2G41940	AT3G52290	AT1G49150
AT5G40770	AT2G19540	AT2G30470	AT4G00850	AT3G57040	AT4G17870	AT1G29530	AT2G24100
AT3G54500	AT2G33845	AT1G25560	AT4G37260	AT3G16800	AT1G14920	AT4G19100	AT1G66550
AT4G25730	AT3G11964	AT2G46020	AT1G68440	AT1G56230	AT2G42320	AT2G14880	AT1G17745
AT1G64490	AT1G02330	AT2G27900	AT4G11360	AT1G75180	AT5G04820	AT2G47590	AT4G16670
AT5G64680	AT5G22650	AT4G38600	AT5G52310	AT3G05690	AT2G28720	AT3G55250	AT2G30530
AT4G37090	AT2G34900	AT3G21080	AT1G25550	AT1G54160	AT3G22190	AT1G62520	AT5G25540
AT5G04600	AT2G19670	AT5G62000	AT3G17800	AT4G14020	AT5G07580	AT1G65860	AT1G57560
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		AT2G34600	AT5G45750	AT3G14020	AT1G63800	AT2G42110	AT5G26770
			AT2G46600	AT4G22160	AT1G53510	AT3G14980	AT5G06960
							AT5G53120
							AT4G15530
							AT1G01730

Nucleus-32	Nucleus-30	Nucleus-28	Nucleus-27	Nucleus-26	Nucleus-22	Nucleus-21	Nucleus-19
AT5G08130	AT1G20693	AT4G34390	AT4G04890	AT4G01370	AT2G02090	AT2G38470	AT5G23540
AT2G30620	AT5G57340	AT5G61010	AT1G29660	AT5G65110	AT1G02750	AT5G47910	AT1G55080
AT2G40475	AT2G23840	AT4G02550	AT1G22700	AT5G09330	AT3G04670	AT3G55980	AT5G58290
AT5G39860	AT1G72830	AT4G09570	AT1G71020	AT1G32230	AT3G51890	AT3G49530	AT5G62440
AT2G20570	AT1G74840	AT4G38560	AT4G32890	AT1G03530	AT5G46520	AT5G04550	AT3G51260
AT4G10270	AT1G77000	AT1G07520	AT3G14350	AT1G09560	AT4G26470	AT5G12010	AT2G34750
AT4G17880	AT1G71030	AT1G64280	AT1G33810	AT3G44110	AT2G17290	AT1G63750	AT5G42970
AT5G51850	AT3G01690	AT1G01560	AT4G21750	AT5G35320	AT3G52430	AT4G11330	AT4G29040
AT3G47500	AT1G22640	AT2G01450	AT2G19450	AT3G13910	AT4G33940	AT1G67970	AT4G02730
AT2G41310	AT5G43870	AT3G02800	AT2G02070	AT5G48570	AT4G23570	AT3G48100	AT4G21710
AT5G44190	AT2G46030	AT3G10640	AT2G16280	AT2G33480	AT3G48090	AT1G77890	AT4G02390
AT2G21560	AT3G50750	AT5G62070	AT1G67660	AT5G65850	AT5G04410	AT5G46710	AT1G53850
					AT5G61210	AT3G08720	AT1G55820

Nucleus-45	Nucleus-43	Nucleus-39	Nucleus-38	Nucleus-37	Nucleus-35	Nucleus-34	Nucleus-33
AT3G56710	AT1G71000	AT1G53230	AT2G25880	AT3G50060	AT5G52760	AT1G07000	AT1G57650
AT2G32930	AT3G51530	AT1G53300	AT4G02800	AT1G75250	AT3G46600	AT1G03370	AT1G76600
AT4G19460	AT2G25355	AT5G48250	AT5G04510	AT4G37610	AT4G17230	AT1G22280	AT3G26910
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AT1G25400	AT5G62990	AT2G47910	AT5G50740	AT2G16365	AT3G49940	AT1G33420	AT3G23220
AT1G21120	AT5G02100	AT5G39210	AT3G25980	AT5G01520	AT1G70700	AT2G22300	AT3G27010
AT1G19180	AT5G57160	AT1G07050	AT3G02120	AT1G66390	AT4G12720	AT4G33050	AT5G53060
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AT1G17380	AT1G67120	AT3G19800	AT3G52110	AT1G52830	AT5G66640	AT5G25440	AT1G28380
		AT3G10060	AT5G44560	AT5G58760	AT1G75440	AT1G28280	AT1G67920
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Nucleus-61	Nucleus-59	Nucleus-58	Nucleus-55	Nucleus-54	Nucleus-48	Nucleus-47	Nucleus-46
AT2G39650	AT1G15940	AT1G21050	AT4G23810	AT2G43010	AT4G03190	AT2G22880	AT3G46110
AT2G40140	AT3G11280	AT2G23430	AT1G23710	AT3G23080	AT5G02810	AT3G44260	AT1G51620
AT5G54930	AT1G16970	AT5G59780	AT5G53830	AT3G63120	AT2G32100	AT3G46620	AT3G57530
AT5G62020	AT1G52500	AT5G07220	AT5G59820	AT1G69690	AT1G75190	AT1G53170	AT2G36470
AT3G52800	AT1G04870	AT2G22430	AT3G01830	AT5G43700	AT5G16550	AT5G04340	AT2G37430
AT5G42380	AT2G42680	AT1G06760	AT3G02840	AT2G15880	AT4G37300	AT5G63130	AT1G59910
AT1G27730	AT1G66680	AT1G07090	AT1G32640	AT3G58120	AT1G17970	AT1G51700	AT3G16720
		AT4G27900	AT5G22250	AT2G42380	AT3G60530	AT1G28560	AT5G59550
					AT3G60320	AT1G61340	AT3G18690

Nucleus-83	Nucleus-82	Nucleus-78	Nucleus-76	Nucleus-73	Nucleus-69	Nucleus-68	Nucleus-62
AT4G26150	AT2G05160	AT1G62560	AT1G76650	AT2G01520	AT1G67310	AT1G26920	AT5G20630
AT1G09250	AT1G51090	AT1G78370	AT5G54490	AT5G67180	AT1G78600	AT5G18590	AT4G22560
AT1G20450	AT5G50450	AT4G27430	AT4G31550	AT5G66740	AT1G18400	AT5G19530	AT4G24510
AT1G20440	AT1G12710	AT5G65020	AT1G28370	AT3G16450	AT3G02140	AT5G15160	AT3G52940
AT3G23210	AT4G14540	AT5G07690	AT5G46780	AT1G19640	AT3G17860	AT2G40970	AT5G10480
AT5G11260	AT4G17810	AT1G49430	AT4G17490	AT5G46830	AT1G68840	AT2G18290	AT3G19820
				AT5G47230	AT1G21910	AT2G40670	AT2G45400

Proteasome-1	Peroxisome-4	Peroxisome-3	Peroxisome-2	Peroxisome-1	Nucleus-98	Nucleus-95	Nucleus-92
AT2G27020	AT3G57090	AT3G03490	AT1G20510	AT1G06460	AT1G13740	AT5G47640	AT5G49980
AT5G23540	AT5G65110	AT3G24170	AT1G48320	AT2G45740	AT1G28130	AT3G30460	AT3G62630
AT5G40580	AT4G35090	AT1G07180	AT1G69270	AT1G60550	AT1G22770	AT3G16350	AT5G08330
AT5G58290	AT2G29990	AT5G27600	AT2G44490	AT1G20620	AT5G49330	AT4G35480	AT4G17460
AT4G29040	AT5G27520	AT1G77540	AT1G65840	AT3G19720	AT2G01570	AT4G33985	AT1G33240
AT1G79210	AT4G16760	AT3G12800	AT1G65520	AT1G30520			
AT3G11270		AT4G18360	AT2G06050	AT2G21660			
AT1G20200				AT5G48880			
AT3G22630				AT1G20630			
AT1G09100				AT3G47430			
AT1G53850				AT3G51840			
AT1G29150				AT5G19750			
AT1G04810							
AT5G64760							
AT5G42790							
AT1G16470							

Table S4. The properties of mixed networks under drought condition when HT was fixed at 0.98 and LT was changed from 0.8 to 0.95 by 0.05.

HT=0.98,LT=	#Node	#Edge	Density
0.80	892	4484	0.011283739
0.85	857	3635	0.009910141
0.90	751	2411	0.00856103
0.95	550	1236	0.008186786

Table S5. The properties of mixed networks under drought condition when LT was fixed at 0.95 and HT was changed from 0.96 to 0.99 by 0.01.

LT=0.95,HT=	#Node	#Edge	Density
0.96	768	2259	0.007669899
0.97	678	1645	0.007167662
0.98	550	1236	0.008186786
0.99	446	936	0.009432156

Table S6. The properties of mixed networks under drought condition when LT was fixed at 0.8 and HT was changed from 0.85 to 0.98.

LT=0.8,HT=	#Node	#Edge	Density
0.85	1007	19931	0.039348813
0.9	971	12009	0.025500334
0.95	908	5795	0.014073117
0.98	892	4484	0.011283739

Table S7. The number of Chloroplast genes remain in our network v.s. Hard-threshold network under all pressure conditions.

	Drought	Cold	Heat	Salt	Wounding	UV	Osmotic
All chloroplast genes	179	786	666	545	231	801	1324
Our network	139	762	508	526	165	720	1279
Hard-threshould network	119	742	447	513	145	697	1268

Table S8. The number of module genes remain in our network v.s. Hard-threshold network under all pressure conditions.

Pressures	#Total Module Genes	Our Network	Hard-threshold Network
Drought	352	292	251
Wounding	352	305	253
Salt	704	593	619
Heat	1233	1129	977
UV	1305	1259	1161
Cold	1308	1267	1226

Osmotic	1844	1825	1784

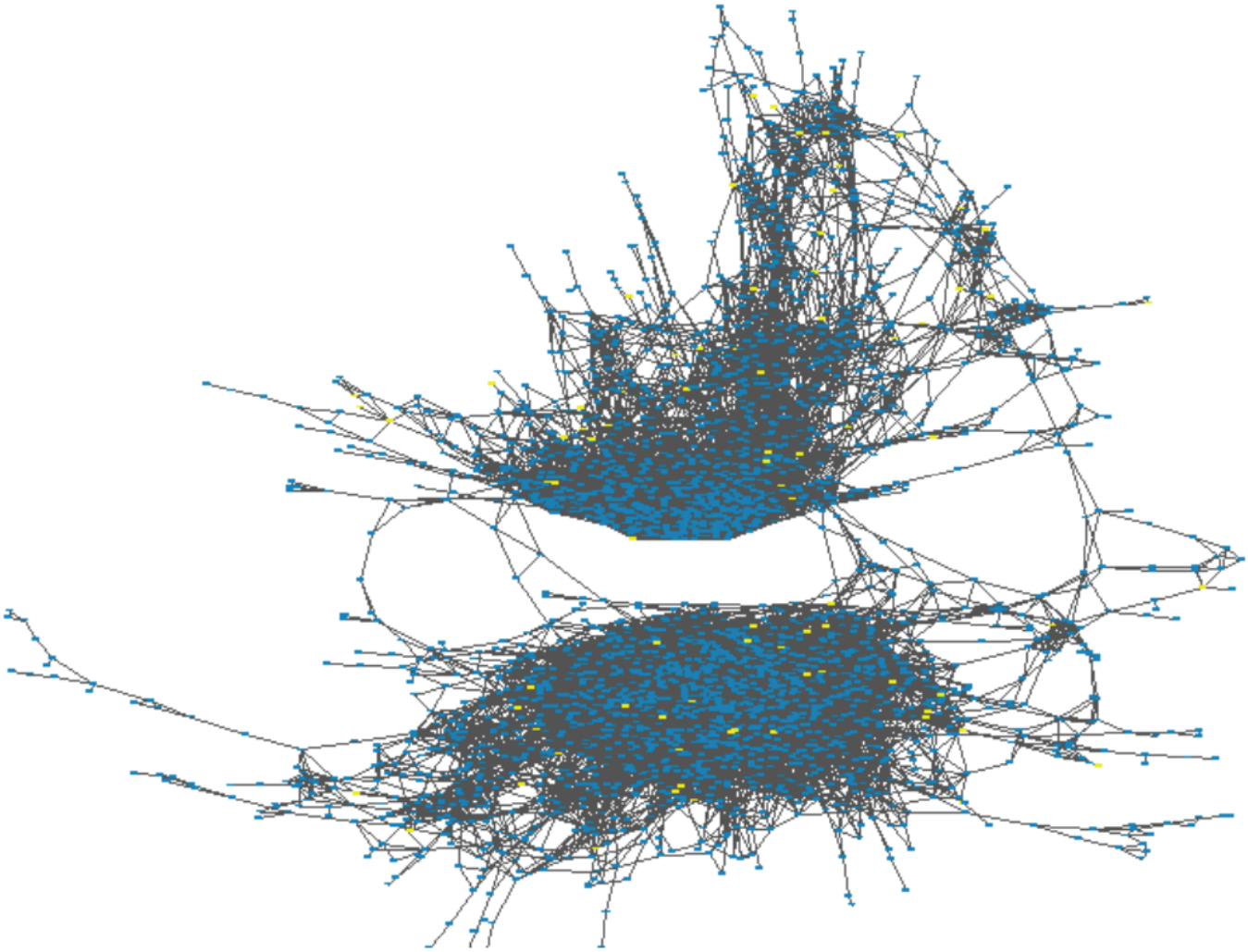

Fig. (S1). The major subnetworks of the mixed network of cold.

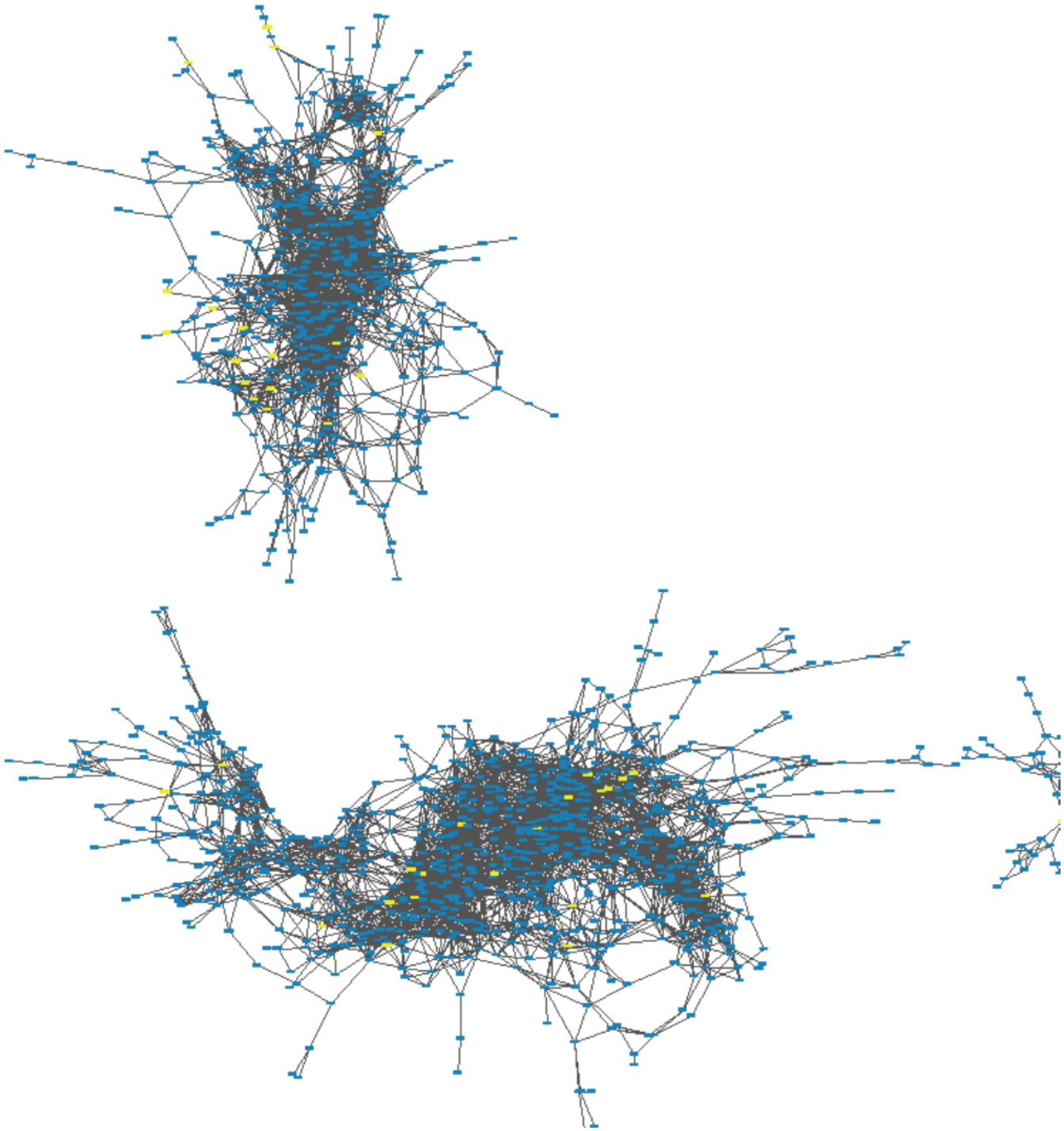

Fig. (S2). The major subnetworks of the mixed network of salt.

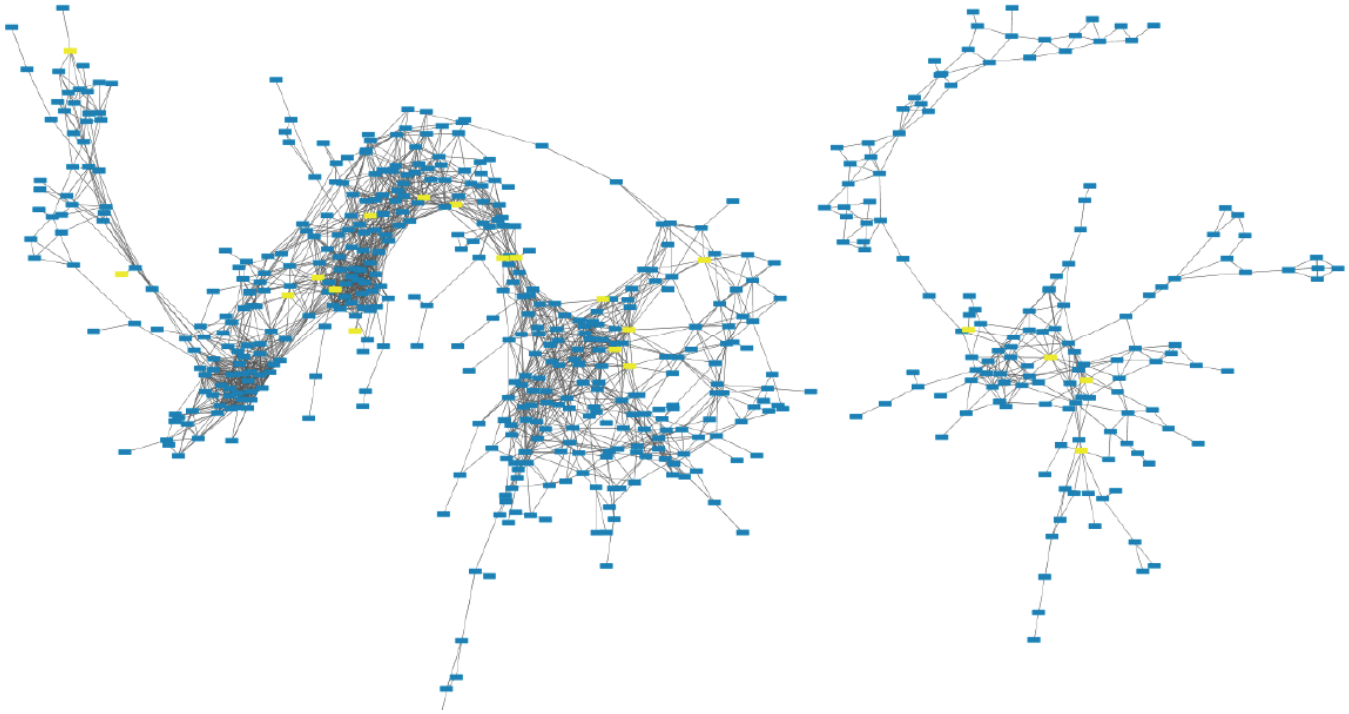

Fig. (S3). The major subnetworks of the mixed network of wounding.

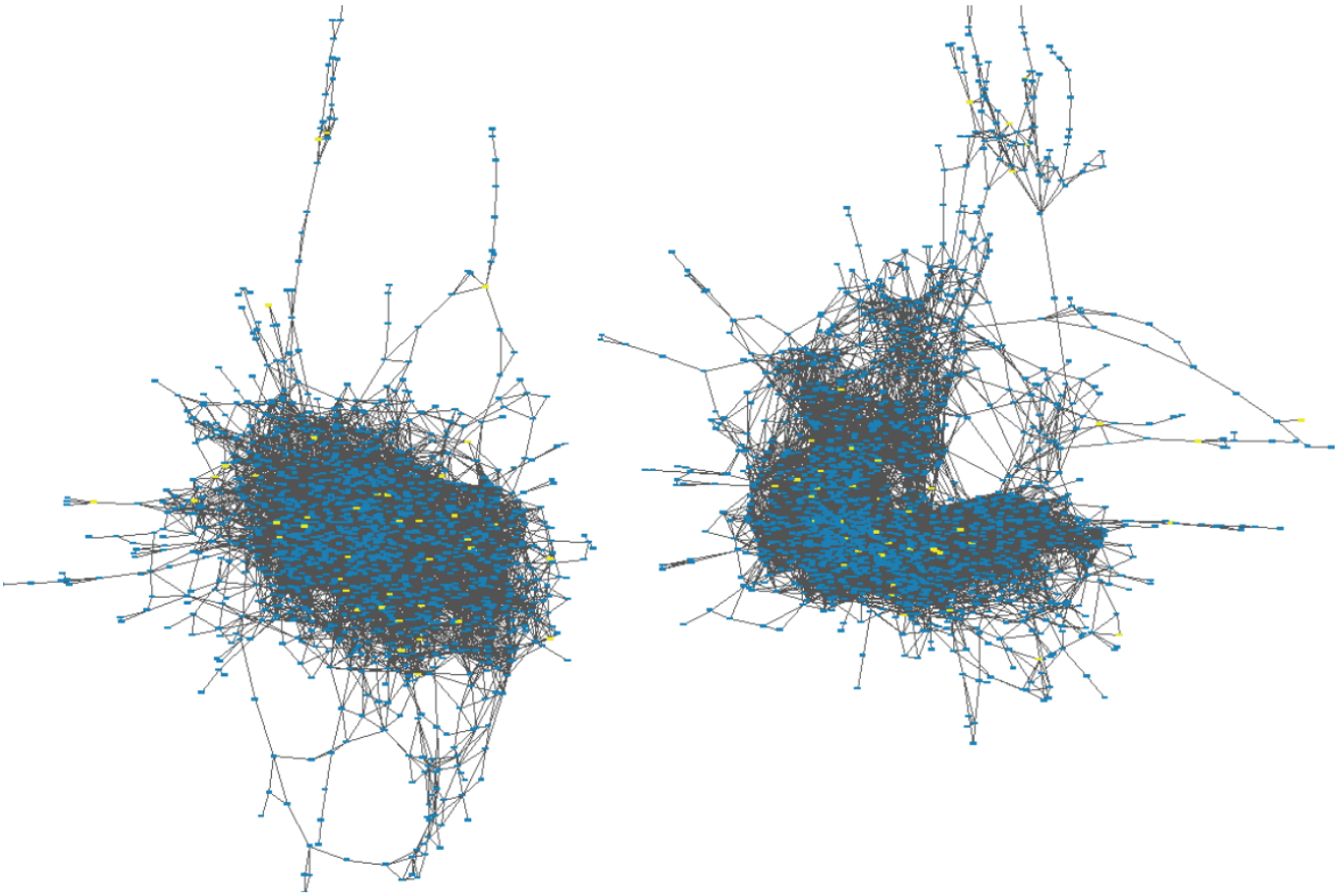

Fig. (S4). The major subnetworks of the mixed network of osmotic.

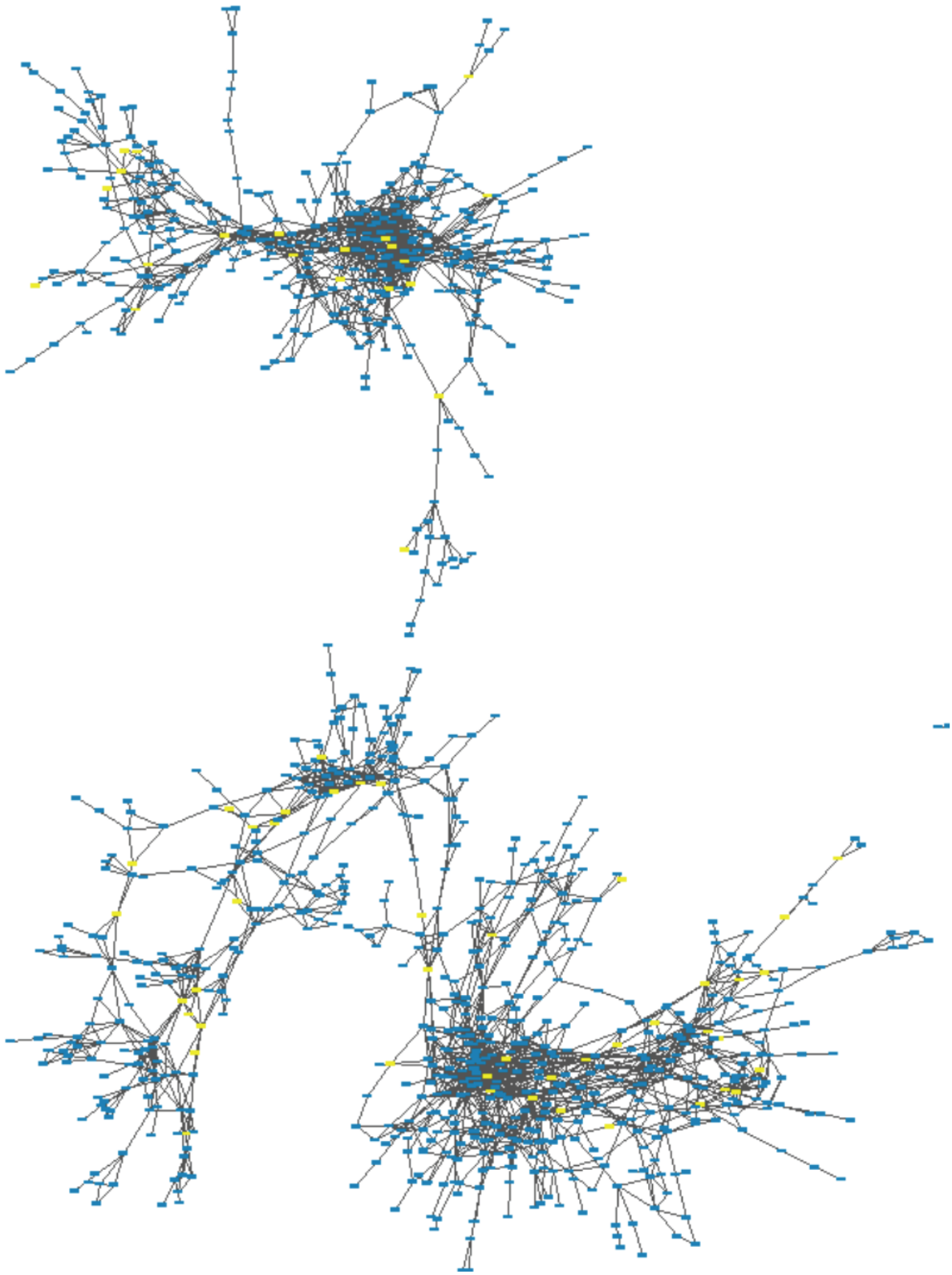

Fig. (S5). The major subnetworks of the mixed network of heat.

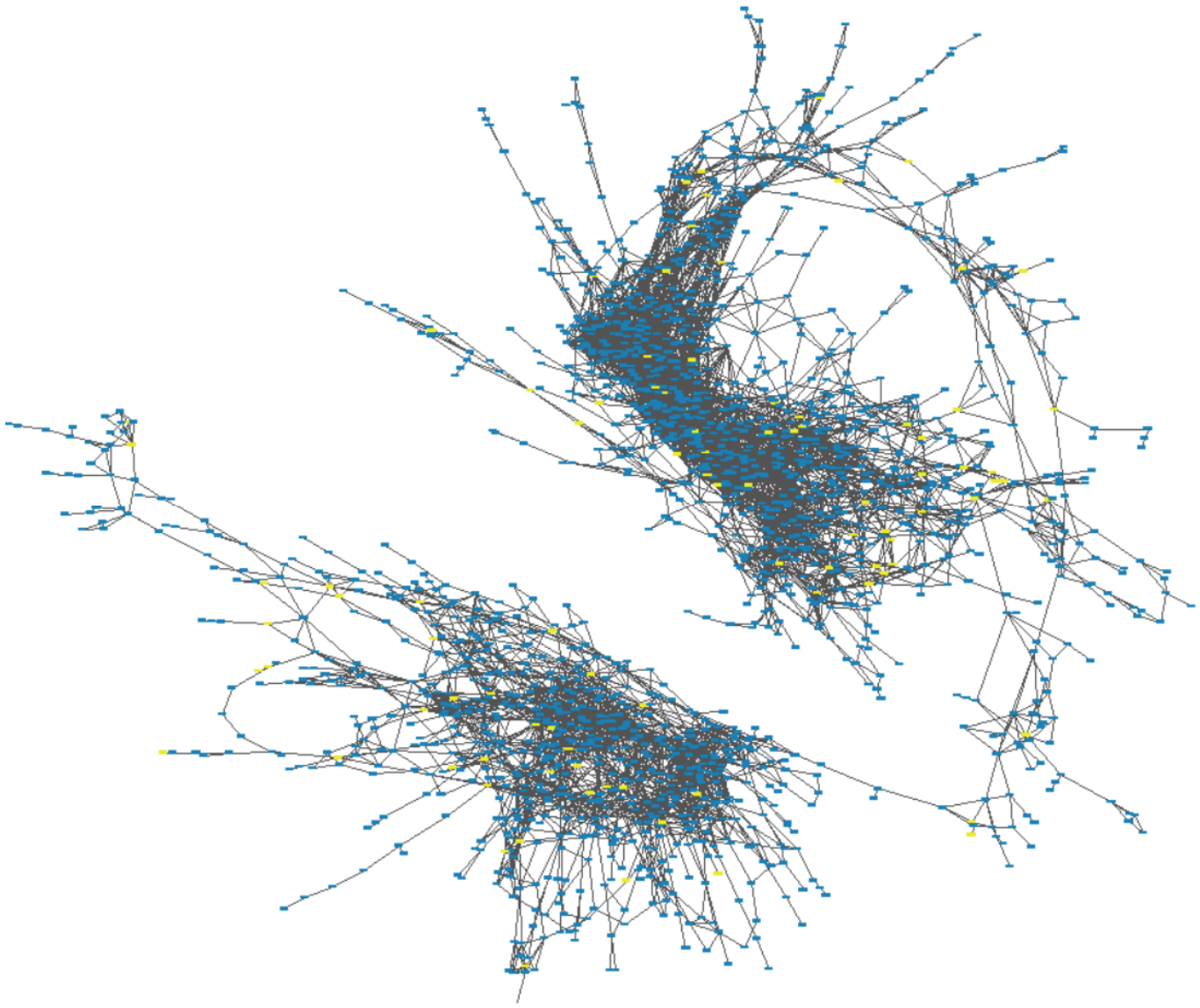

Fig. (S6). The major subnetworks of the mixed network of UV.

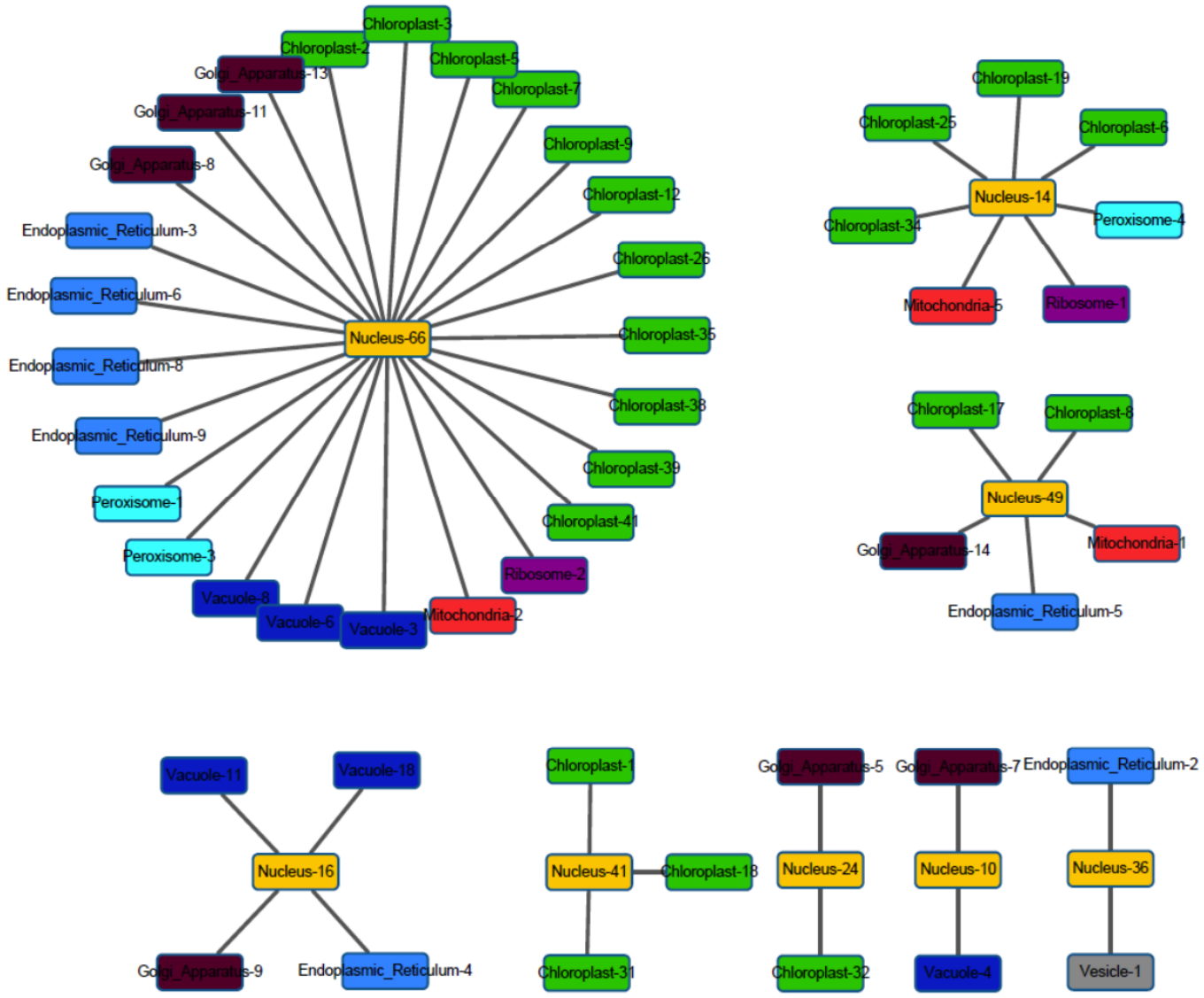

Fig. (S7). The network of functional modules of cold.

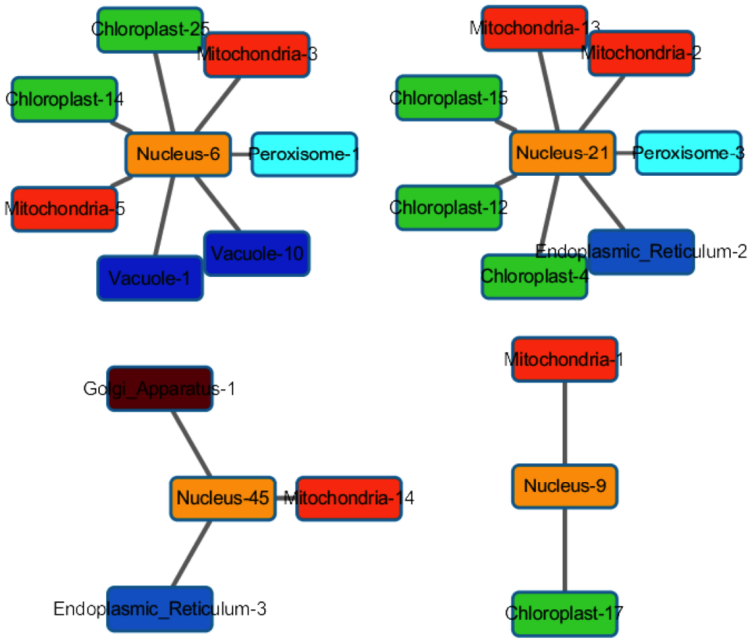

Fig. (S8). The network of functional modules of salt.

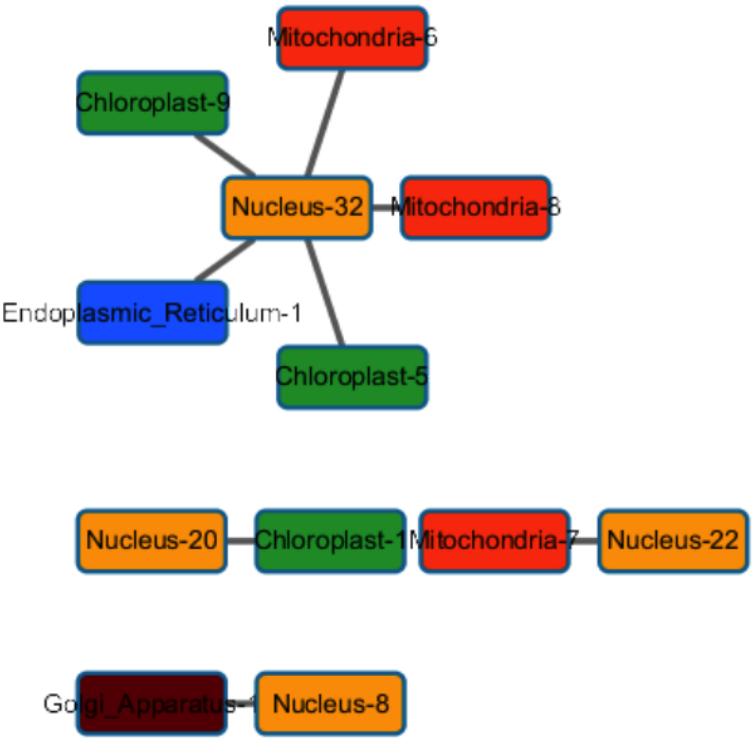

Fig. (S9). The network of functional modules of wounding.

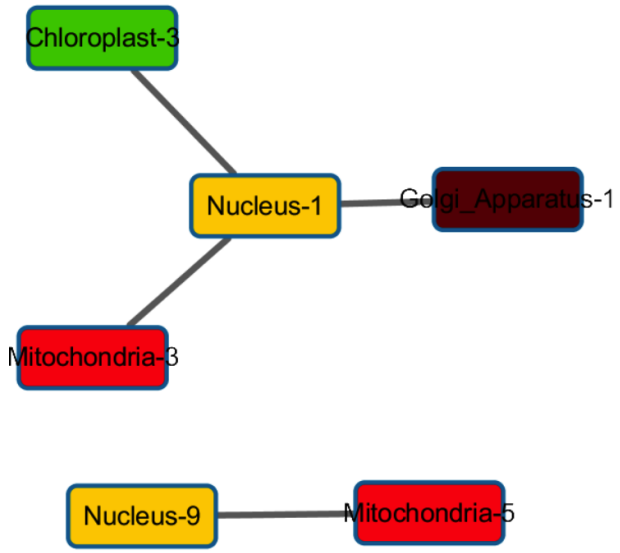

Fig. (S10). The network of functional modules of drought.

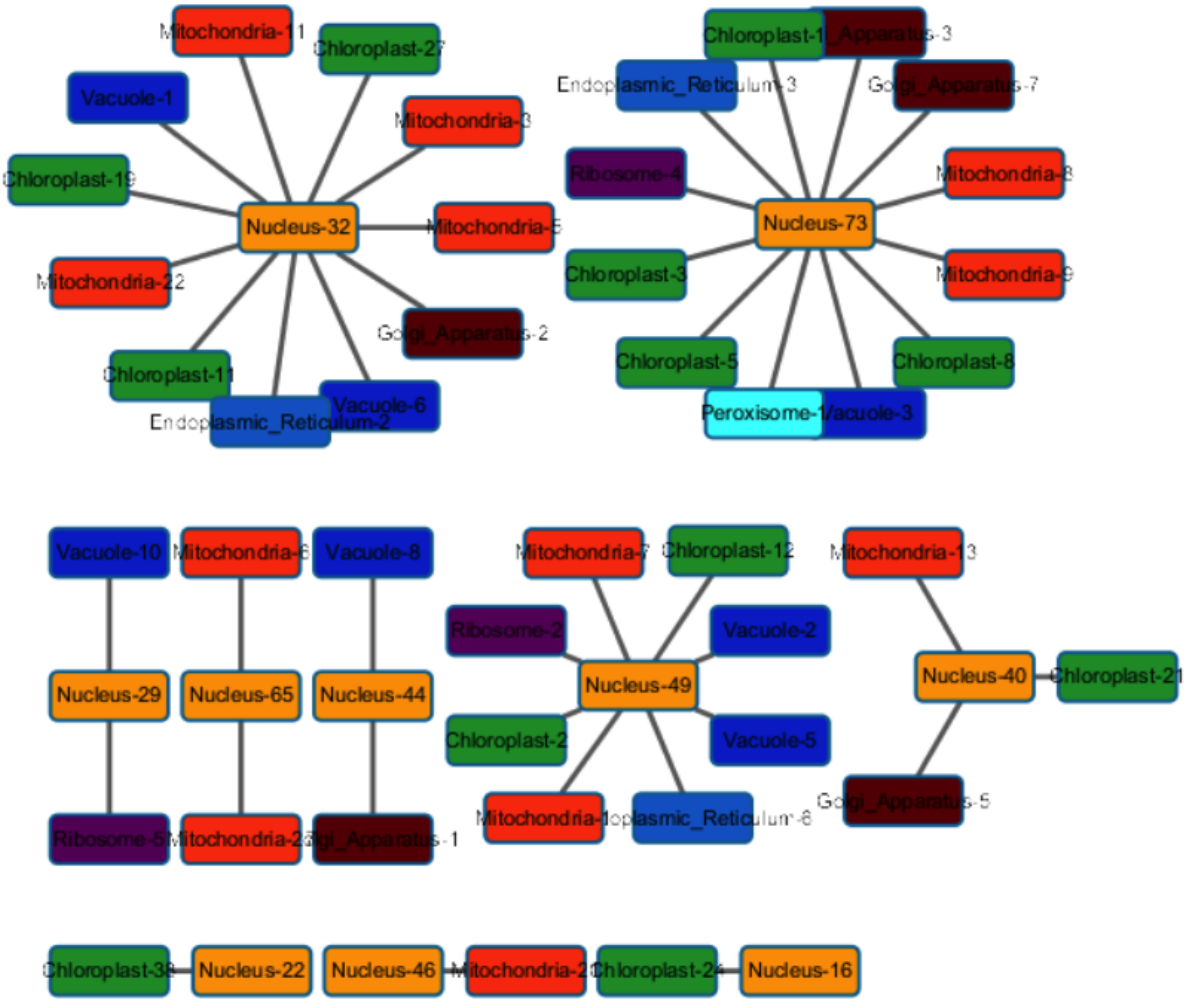

Fig. (S11). The network of functional modules of heat.

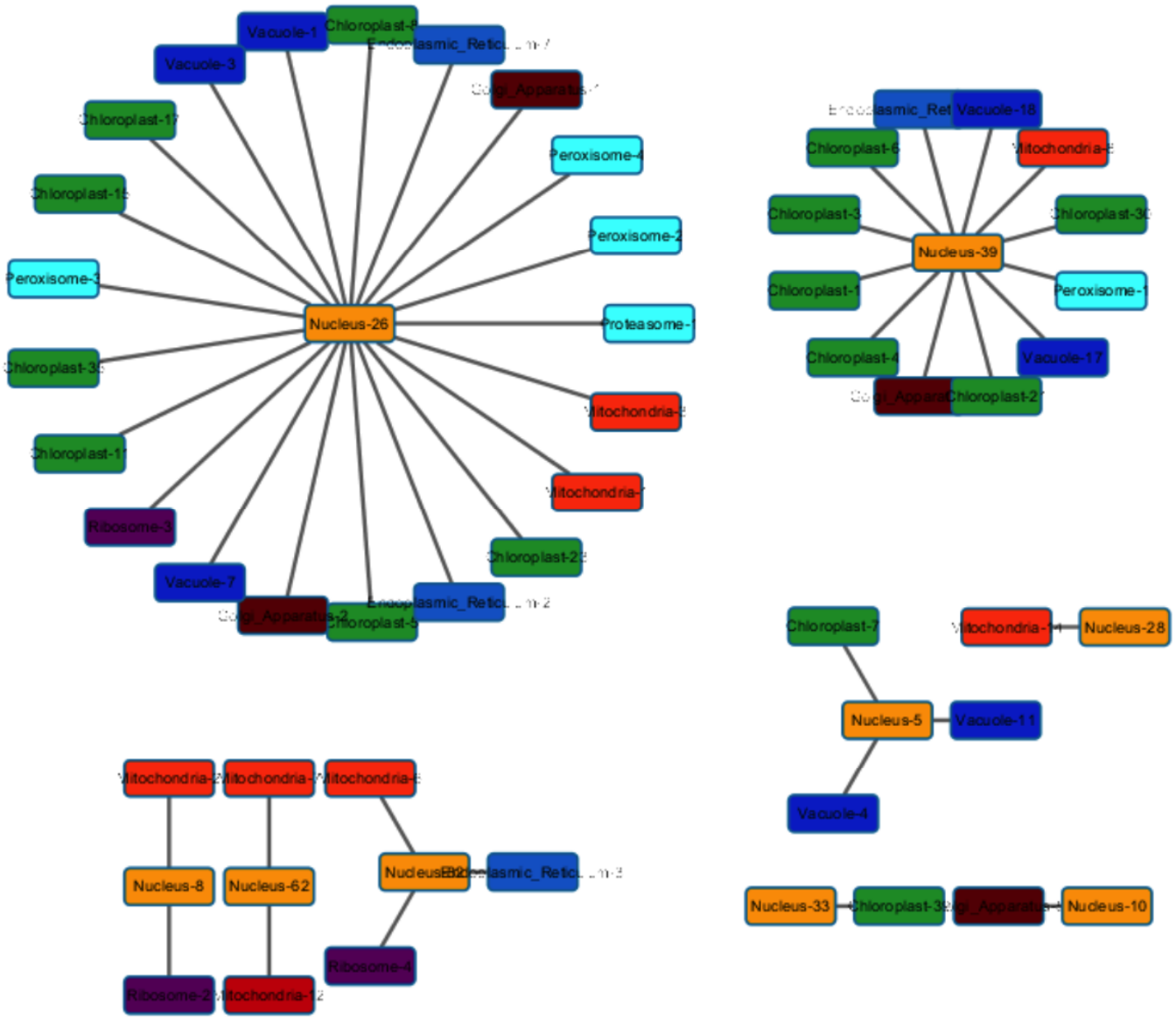

Fig. (S12). The network of functional modules of UV.