

Responsive Genes in Both TKO-1 and TKO-2	
Model ID	Gene ID
AT1G17400.1	DRO3
AT1G73540.1	NUDT21
AT1G09090.2	RBOHB
AT1G53940.1	GLIP2
AT1G66170.1	MMD1
AT1G59218.1	AT1G59218
AT1G22990.1	HIPP22
AT1G27730.1	STZ
AT1G07920.1	AT1G07920
AT1G28370.1	ERF11
AT1G76650.1	CML38
AT1G06160.1	ORA59
AT1G35210.1	AT1G35210
AT1G62981.1	AT1G62981
AT1G51890.2	AT1G51890
AT2G28210.1	ACA2
AT2G20110.2	AT2G20110
AT2G19970.1	AT2G19970
AT2G38380.1	AT2G38380
AT2G29330.1	TRI
AT2G31280.4	CPUORF7
AT2G43190.4	POP4
AT3G61190.1	BAP1
AT3G53780.1	no assignment
AT3G29000.1	AT3G29000
AT3G23250.1	MYB15
AT3G32980.1	AT3G32980
AT3G04720.1	PR4
AT3G13560.1	AT3G13560
AT3G12500.1	HCHIB
AT3G20395.1	AT3G20395
AT3G12502.1	AT3G12502
AT4G31200.2	AT4G31200
AT4G17785.1	MYB39
AT4G25490.1	CBF1
AT4G27280.1	AT4G27280
AT4G24350.1	AT4G24350
AT4G11290.1	AT4G11290
AT4G11190.1	AT4G11190
AT4G24380.2	no assignment
AT4G13395.1	RTFL12
AT4G25800.2	AT4G25800
AT5G17350.1	AT5G17350
AT5G39150.1	AT5G39150
AT5G39120.1	AT5G39120
AT5G52710.1	AT5G52710
AT5G39670.1	AT5G39670
AT5G26120.1	ASD2
AT5G66390.1	PRX72
AT5G35935.1	no assignment
AT5G39110.1	AT5G39110
AT5G39100.1	GLP6
AT5G51190.1	ERF105
AT5G44925.1	no assignment
AT5G43540.1	AT5G43540
AT5G08380.1	AGAL1
AT5G45340.2	CYP707A3
AT5G60300.2	LecRK-I.9
AT5G26280.2	no assignment
AT1G75030.1	TLP-3
AT1G49430.1	LACS2
AT1G73410.1	MYB54
AT1G44180.1	AT1G44180

Responsive Genes in TKO-1 only	
Model ID	Gene ID
AT1G74530.1	AT1G74530
AT1G79640.1	AT1G79640
AT1G61210.1	DWA3
AT1G64590.1	AT1G64590
AT1G76990.2	ACR3
AT1G73960.2	TAF2
AT1G09060.3	JMJ24
AT1G08010.2	GATA11
AT1G18900.3	no assignment
AT1G07650.2	AT1G07650
AT1G11180.2	SCAMP2
AT1G47900.2	AT1G47900
AT2G14247.1	AT2G14247
AT2G29500.1	AT2G29500
AT2G33830.1	DRM2
AT2G32850.1	AT2G32850
AT2G29340.2	AT2G29340
AT2G21940.2	SK1
AT2G04030.2	CR88
AT2G30600.3	AT2G30600
AT2G41350.2	AUG1
AT2G05510.3	AT2G05510
AT2G26970.2	AT2G26970
AT2G46420.2	AT2G46420
AT2G32010.2	CVL1
AT3G30720.1	QQS
AT3G52640.2	NCT
AT3G43920.1	DCL3
AT3G14120.1	NUP107
AT3G41768.1	AT3G41768
AT3G04910.2	WNK1
AT3G13920.3	EIF4A1
AT3G01090.3	KIN10
AT4G05100.1	MYB74
AT4G39140.1	no assignment
AT4G19920.1	AT4G19920
AT4G19880.3	no assignment
AT4G15530.6	PPDK
AT4G21990.2	APR3
AT5G52860.1	ABCG8
AT5G50700.1	HSD1
AT5G48000.1	CYP708A2
AT5G38220.2	AT5G38220
AT5G26667.3	PYR6
AT5G49215.2	AT5G49215
AT5G45428.1	no assignment
AT5G14030.2	AT5G14030
AT5G43370.2	PHT1;2
ATMG01390.1	RRN18
ATMG00410.1	ATP6-1
AT1G59750.1	ARF1
AT1G63530.1	AT1G63530
AT1G34220.1	ISTL1
AT1G29930.1	CAB1
AT1G64790.1	ILA
AT1G17020.1	SRG1
AT1G63940.4	MDAR6
AT1G76380.3	AT1G76380
AT1G58848.2	AT1G58848
AT1G01060.4	LHY
AT1G17280.2	UBC34
AT1G58007.1	AT1G58007
AT1G67660.2	AT1G67660

Responsive Genes in TKO-2 only	
Model ID	Gene ID
AT1G67150.1	AT1G67150
AT1G73500.1	MKK9
AT1G18300.1	NUDT4
AT1G80840.1	WRKY40
AT1G72250.1	AT1G72250
AT1G33440.1	NPF4.4
AT1G72660.1	Drg1-3
AT1G33320.1	AT1G33320
AT1G62610.1	AT1G62610
AT1G02850.2	BGLU11
AT1G79500.3	AtkdsA1
AT1G12730.2	AT1G12730
AT1G55000.3	AT1G55000
AT1G47570.2	no assignment
AT1G61150.4	AT1G61150
AT1G07170.2	AT1G07170
AT1G67660.3	AT1G67660
AT2G02120.1	PDF2.1
AT2G43020.1	PAO2
AT2G17033.2	no assignment
AT2G34530.2	AT2G34530
AT2G04350.2	LACS8
AT2G14045.2	AT2G14045
AT2G17695.2	AT2G17695
AT2G40935.3	AT2G40935
AT2G29525.3	AtIPCS3
AT3G53900.1	UPP
AT3G44260.1	CAF1a
AT3G10930.1	IDL7
AT3G55630.1	DFD
AT3G12690.3	AGC1.5
AT3G10260.2	RTNLB8
AT3G07360.2	PUB9
AT3G15530.2	AT3G15530
AT3G43790.2	ZIFL2
AT3G10300.2	AT3G10300
AT3G46980.2	PHT4;3
AT3G13460.3	ECT2
AT3G29644.1	sORF29
AT3G14150.2	HAOX2
AT3G53520.3	UXS1
AT3G46220.3	AT3G46220
AT4G08770.1	Prx37
AT4G35720.1	no assignment
AT4G10120.1	ATSPS4F
AT4G12500.1	AT4G12500
AT4G25470.1	CBF2
AT4G16260.1	AT4G16260
AT4G01360.1	BPS3
AT4G20320.1	AT4G20320
AT4G23880.1	AT4G23880
AT4G27654.1	AT4G27654
AT4G27652.1	AT4G27652
AT4G24570.1	DIC2
AT4G11650.1	OSM34
AT4G25650.2	ACD1-LIKE
AT4G29670.2	ACHT2
AT4G36360.2	BGAL3
AT4G02550.1	AT4G02550
AT4G20380.5	LSD1
AT4G27690.2	VPS26B
AT4G22860.2	AT4G22860
AT4G24350.2	AT4G24350

Responsive Genes in Both TKO-1 and TKO-2	
Model ID	Gene ID
AT1G73290.1	scpl5
AT1G28470.1	NAC010
AT1G45201.1	TLL1
AT1G29000.1	AT1G29000
AT1G64000.1	WRKY56
AT1G78950.1	BAS
AT1G17950.1	MYB52
AT1G34670.1	MYB93
AT1G78990.1	AT1G78990
AT1G55990.1	AT1G55990
AT1G55490.1	CPN60B
AT1G02930.2	GSTF6
AT2G48140.1	EDA4
AT2G47200.1	AT2G47200
AT2G18370.1	AT2G18370
AT2G44260.1	AT2G44260
AT2G23540.1	AT2G23540
AT2G41170.1	AT2G41170
AT2G33205.1	AT2G33205
AT2G40370.1	LAC5
AT2G19200.1	no assignment
AT2G01580.1	AT2G01580
AT2G22510.1	AT2G22510
AT2G43390.1	AT2G43390
AT2G17500.3	PILS5
AT2G42500.2	PP2A-3
AT2G44820.1	AT2G44820
AT2G03821.1	AT2G03821
AT2G24200.3	LAP1
AT3G03530.1	NPC4
AT3G50400.1	AT3G50400
AT3G44540.1	FAR4
AT3G07970.1	QRT2
AT3G47790.1	ABCA8
AT3G58550.1	AT3G58550
AT3G06390.1	CASPL1D2
AT3G21670.1	NPF6.4
AT3G12720.1	MYB67
AT3G15030.2	TCP4
AT4G23680.1	AT4G23680
AT4G33610.1	AT4G33610
AT4G20390.1	CASPL1B2
AT4G36610.1	AT4G36610
AT4G15396.1	CYP702A6
AT4G24140.1	AT4G24140
AT4G33450.1	MYB69
AT4G38080.1	AT4G38080
AT4G04223.1	AT4G04223
AT4G30990.2	AT4G30990
AT4G29800.2	PLP8
AT5G63560.1	FACT
AT5G16410.1	AT5G16410
AT5G49340.1	TBL4
AT5G07130.1	LAC13
AT5G12420.1	AT5G12420
AT5G20860.1	AT5G20860
AT5G13580.1	ABCG6
AT5G19410.1	ABCG23
AT5G18840.1	AT5G18840
AT5G37690.1	AT5G37690
AT5G09520.1	PELPK2
AT5G58860.1	CYP86A1
AT5G39830.2	DEG8

Responsive Genes in TKO-1 only	
Model ID	Gene ID
AT1G25210.2	LpxC5
AT1G29200.3	AT1G29200
AT1G29560.2	AT1G29560
AT1G54360.5	no assignment
AT1G58180.4	BCA6
AT2G44230.1	AT2G44230
AT2G04190.1	AT2G04190
AT2G32660.1	RLP22
AT2G02850.1	ARPN
AT2G24430.1	NAC038
AT2G44140.2	ATG4A
AT2G25570.2	AT2G25570
AT2G35140.2	AT2G35140
AT2G43240.2	AT2G43240
AT2G03600.5	UPS3
AT3G14340.1	AT3G14340
AT3G04810.1	NEK2
AT3G14395.1	MAT1
AT3G57470.1	AT3G57470
AT3G16520.3	UGT88A1
AT3G48070.2	no assignment
AT3G25795.1	TAS4
AT3G46060.3	RABE1c
AT3G19960.2	ATM1
AT3G19820.3	DWF1
AT3G12520.2	SULTR4;2
AT4G35160.1	ASMT
AT4G12470.1	AZI1
AT4G17480.1	AT4G17480
AT4G27040.1	VPS22
AT4G31200.1	AT4G31200
AT4G01290.2	AT4G01290
AT4G21580.3	AT4G21580
AT4G35030.2	AT4G35030
AT4G23620.2	AT4G23620
AT4G35300.5	TMT2
AT5G36110.1	CYP716A1
AT5G22500.1	FAR1
AT5G10710.2	AT5G10710
AT5G48485.1	DIR1
AT5G65980.1	PILS7
AT5G46730.1	AT5G46730
AT5G38710.1	PDH2
AT5G28335.1	no assignment
AT5G37530.1	AT5G37530
AT5G65230.1	MYB53
AT5G04220.2	SYTC
AT5G41700.4	UBC8
AT5G58720.3	AT5G58720
AT5G53490.3	TL17
AT5G25360.2	AT5G25360
AT5G43680.2	no assignment

Responsive Genes in TKO-2 only	
Model ID	Gene ID
AT4G17410.3	PQT3
AT5G57930.1	APO2
AT5G47220.1	ERF2
AT5G26220.1	GGCT2;1
AT5G52390.1	AT5G52390
AT5G49970.2	PPOX
AT5G66170.1	STR18
AT5G14730.1	AT5G14730
AT5G20300.1	Toc90
AT5G43620.1	AT5G43620
AT5G14430.2	AT5G14430
AT5G43270.3	SPL2
AT5G18590.2	AT5G18590
AT5G35360.2	CAC2
AT5G05690.3	CPD
AT5G41520.2	RPS10B
AT5G14030.4	AT5G14030
AT5G32440.2	no assignment
AT5G07350.2	Tudor1
AT1G77460.1	CSI3
AT1G13130.1	AT1G13130
AT1G07390.1	RLP1
AT1G69040.1	ACR4
AT1G68850.1	AT1G68850
AT1G11410.1	AT1G11410
AT1G27360.1	SPL11
AT1G51890.1	AT1G51890
AT1G55240.1	AT1G55240
AT1G01830.2	no assignment
AT1G14120.1	AtDAO2
AT1G62800.1	ASP4
AT1G26390.1	AtBBE4
AT1G18000.1	AT1G18000
AT1G74460.1	AT1G74460
AT1G55940.1	CYP708A1
AT1G68570.1	NPF3.1
AT1G19350.5	BES1
AT1G29950.2	SACL3
AT1G66270.2	BGLU21
AT1G72660.2	Drg1-3
AT1G01650.2	SPPL4
AT1G80380.3	GLYK
AT1G29952.1	no assignment
AT1G73602.1	no assignment
AT1G07910.2	RNL
AT1G13360.2	AT1G13360
AT1G54510.2	NEK1
AT1G21690.4	EMB1968
AT1G79650.4	RAD23B
AT2G26910.1	ABCG32
AT2G15220.1	AT2G15220
AT2G35380.1	AT2G35380
AT2G16005.1	ROSY1
AT2G37360.1	ABCG2
AT2G24030.2	AT2G24030
AT2G30750.1	CYP71A12
AT2G26560.1	PLA2A
AT2G44500.2	AT2G44500
AT2G32510.1	MAPKKK17
AT2G38610.1	AT2G38610
AT2G38390.1	AT2G38390
AT2G32250.1	FRS2
AT2G31280.1	CPUORF7

Responsive Genes in Both TKO-1 and TKO-2	
Model ID	Gene ID
AT5G59780.3	MYB59
AT5G04370.2	NAMT1

Responsive Genes in TKO-1 only	
Model ID	Gene ID

Responsive Genes in TKO-2 only	
Model ID	Gene ID
AT2G43670.1	AT2G43670
AT2G25940.1	ALPHA-VPE
AT2G24430.2	NAC038
AT2G43970.2	LARP6b
AT2G22990.1	SNG1
AT2G30600.2	AT2G30600
AT2G02800.2	APK2B
AT2G25710.2	HCS1
AT2G27920.3	SCPL51
AT2G35380.2	AT2G35380
AT2G25355.2	AT2G25355
AT2G40520.4	AT2G40520
AT2G02080.2	IDD4
AT2G29630.3	THIC
AT3G60180.2	AT3G60180
AT3G09220.1	LAC7
AT3G59720.1	no assignment
AT3G11430.1	GPAT5
AT3G20440.1	EMB2729
AT3G53510.1	ABCG20
AT3G54590.1	HRGP1
AT3G13672.2	SINA2
AT3G45050.2	AT3G45050
AT3G55170.2	AT3G55170
AT3G07360.3	PUB9
AT3G18850.4	LPAT5
AT3G18850.5	LPAT5
AT3G47930.2	GLDH
AT3G46220.2	AT3G46220
AT3G52140.2	NOXY38
AT3G52200.2	LTA3
AT3G58110.2	AT3G58110
AT3G25690.2	CHUP1
AT4G17280.1	AT4G17280
AT4G12840.1	AT4G12840
AT4G08400.1	AT4G08400
AT4G33820.1	AT4G33820
AT4G38950.1	AT4G38950
AT4G00360.1	CYP86A2
AT4G38900.1	bZIP29
AT4G21750.1	ATML1
AT4G25080.1	CHLM
AT4G17740.2	AT4G17740
AT4G37070.1	PLP1
AT4G02570.3	CUL1
AT4G25450.3	ABCB28
AT4G32850.10	nPAP
AT4G21660.2	AT4G21660
AT5G08250.1	AT5G08250
AT5G44550.1	CASPL1B1
AT5G06090.1	GPAT7
AT5G10100.1	TPPI
AT5G07475.1	AT5G07475
AT5G06640.1	EXT10
AT5G23190.1	CYP86B1
AT5G53050.1	AT5G53050
AT5G17910.1	AT5G17910
AT5G15410.2	DND1
AT5G09530.1	PELPK1
AT5G36930.1	AT5G36930
AT5G55590.1	QRT1
AT5G14130.1	AT5G14130
AT5G46110.2	APE2

Responsive Genes in Both TKO-1 and TKO-2

Model ID	Gene ID
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Responsive Genes in TKO-1 only

Model ID	Gene ID
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Responsive Genes in TKO-2 only

Model ID	Gene ID
AT5G55970.2	AT5G55970
AT5G58330.2	NADP-MDH
AT5G20300.2	Toc90
AT5G03520.2	RAB8C
AT5G46410.2	SSP4
AT5G58300.2	AT5G58300
AT5G24360.2	IRE1-1
AT5G03860.2	MLS
AT5G49350.2	AT5G49350
AT5G51120.3	PABN1