

AGI Code	Protein function	Fold Repression in <i>qa1</i>	<i>qa1</i>	t-test p-value ( <i>qa1</i> )	<i>qa1</i> + GA	t-test p-value ( <i>qa1</i> + GA)	p-value (ANOVA)	Fold Repression of <i>aid1a-c</i>	<i>aid1a-c</i>	t-test p-value ( <i>aid1a-c</i> )	<i>aid1a-c</i> + GA3	t-test p-value ( <i>aid1a-c</i> + GA3)
AT1G15550	gibberellin 3-beta-dioxygenase	17.51	691.20	0.64	39.48	0.03	0.01	1.02	786.80	0.22	774.50	0.53
AT5G51810	gibberellin 20-oxidase	15.45	128.60	0.87	6.32	0.87	0.01	0.97	143.40	0.36	147.00	0.40
AT1G50420	scarecrow-like transcription factor 3	11.36	203.60	0.78	17.63	0.03	0.01	0.91	219.00	0.54	241.40	0.07
AT2G45900	expressed protein	6.36	42.02	0.91	6.61	0.03	0.00	6.88	43.49	0.92	49.69	0.18
AT3G63010	GID1b	6.25	94.76	0.00	15.15	0.63	0.01	0.92	12.05	0.56	13.11	0.75
AT5G07200	gibberellin 20-oxidase	5.75	37.73	0.19	6.56	0.03	0.00	1.05	54.45	0.12	51.72	0.13
AT2G94240	zinc finger family protein	5.45	487.50	0.89	89.42	0.02	0.01	1.00	493.20	0.94	490.90	0.76
AT1G25420	gibberellin 20-oxidase	4.89	28.55	0.43	5.84	0.04	0.01	0.94	35.54	0.87	36.51	0.32
AT2G12290	hypothetical protein	4.88	160.70	0.26	32.96	0.02	0.02	0.95	164.40	0.54	172.60	0.42
AT2G26710	cytochrome P450, putative	4.49	100.90	0.15	22.48	0.02	0.01	1.33	118.10	0.02	88.70	0.36
AT2G31980	cysteine proteinase inhibitor-related	4.23	360.80	0.81	85.24	0.01	0.01	1.06	431.70	0.12	408.10	0.54
AT5G23190	ethylene-responsive element-binding protein	4.09	137.80	0.45	33.70	0.01	0.02	1.10	133.30	0.20	121.60	0.70
AT2G31160	expressed protein	4.03	31.54	0.45	7.83	0.03	0.01	0.81	35.02	0.89	43.18	0.08
AT4G39070	zinc finger family protein	3.99	99.60	0.64	24.94	0.02	0.01	1.05	108.70	0.21	103.80	0.75
AT3G04070	no apical meristem family protein	3.89	104.40	0.81	26.83	0.02	0.01	1.05	115.70	0.35	110.60	0.85
AT5G47610	zinc finger family protein	3.56	79.06	0.06	22.23	0.02	0.01	1.02	65.52	0.90	64.15	0.77
AT1G17830	expressed protein	3.55	39.03	0.40	10.99	0.03	0.01	0.87	41.57	0.77	47.85	0.28
AT5G05120	GID1a	3.55	217.20	0.01	61.16	0.00	0.01	1.25	19.12	0.04	15.30	0.02
AT1G29270	expressed protein	3.41	102.20	0.41	29.99	0.01	0.04	1.08	94.86	0.75	87.77	0.63
AT4G36110	auxin-responsive protein	3.40	40.27	0.81	11.86	0.03	0.02	1.30	47.93	0.16	36.84	0.36
AT3G30180	cytochrome P450	3.20	189.10	0.95	59.01	0.02	0.02	1.20	233.90	0.09	195.40	0.95
AT4G16447	expressed protein	3.16	102.00	0.69	32.29	0.02	0.01	0.73	88.57	0.46	120.70	0.06
AT2G36060	DNA-binding protein	3.12	77.45	0.42	24.79	0.02	0.02	0.94	81.33	0.49	86.51	0.16
AT1G58340	MATE efflux protein-related	2.98	64.84	0.07	21.73	0.02	0.02	1.33	66.27	0.09	49.67	0.18
AT2G39980	transferase family protein	2.93	123.60	0.49	42.14	0.02	0.02	1.32	151.40	0.13	114.30	0.76
AT1G52250	dynein light chain type 1 family protein	2.93	94.12	0.18	33.83	0.02	0.01	0.99	80.64	0.65	81.66	0.61
AT5G40540	protein kinase	2.78	112.50	0.71	40.50	0.01	0.00	0.90	119.20	0.46	132.90	0.05
AT2G28440	expressed protein	2.78	103.60	0.28	37.41	0.03	0.01	1.23	28.41	0.53	98.87	0.50
AT5G28300	trihelix DNA-binding protein	2.73	134.90	0.77	10.4	0.01	0.00	1.04	144.30	0.35	139.00	0.96
AT2G45210	auxin-responsive protein-related	2.72	122.80	0.86	45.09	0.02	0.01	1.26	156.80	0.02	124.40	0.67
AT5G25210	expressed protein	2.72	44.49	0.18	16.34	0.05	0.03	1.12	41.81	0.29	37.20	0.77
AT1G65910	metal transporter	2.72	126.60	0.10	46.60	0.01	0.01	0.92	114.00	0.85	124.30	0.37
AT1G05980	polygalacturonase, putative / pectinase	2.71	37.10	0.64	14.04	0.04	0.01	0.68	35.68	0.91	52.16	0.14
AT4G04630	expressed protein	2.63	76.86	0.04	29.21	0.02	0.02	1.15	71.47	0.33	82.20	0.37
AT2G01940	zinc finger family protein	2.62	18.73	0.70	7.16	0.09	0.01	0.88	17.91	0.86	20.42	0.47
AT3G21420	oxidoreductase, 2OG-Fe oxygenase family protein	2.55	146.10	0.75	57.21	0.01	0.01	0.91	153.70	0.78	169.40	0.25
AT4G23060	calmodulin-binding family protein	2.53	141.60	0.60	55.63	0.02	0.02	1.04	153.70	0.30	147.60	0.15
AT5G0290	oxidoreductase, 2OG-Fe oxygenase family protein	2.51	69.78	0.01	27.62	0.03	0.05	1.26	61.31	0.23	46.51	0.49
AT1G30110	diadenosine 5'-triphosphate triphosphate hydrolase	2.48	152.50	0.28	61.46	0.02	0.02	0.87	144.42	0.41	149.50	0.44
AT3G56400	WRKY family transcription factor	2.48	63.70	0.22	25.73	0.04	0.03	1.74	65.86	0.06	37.92	0.17
AT4G29190	zinc finger family protein	2.47	114.90	0.29	46.55	0.02	0.02	1.24	123.10	0.15	99.63	0.51
AT5G07010	sulfotransferase family protein	2.41	35.94	0.40	14.92	0.04	0.01	1.19	44.80	0.36	37.54	0.57
AT5G65040	senescence-associated protein-related	2.38	185.50	0.05	77.87	0.01	0.02	1.02	186.60	0.35	182.90	0.76
AT2G45000	cyclin family protein	2.37	31.57	0.89	13.30	0.04	0.01	0.77	31.47	0.87	41.51	0.07
AT1G20190	expansin, putative	2.36	45.66	0.73	19.38	0.03	0.00	0.80	44.43	0.84	55.83	0.06
AT1G28360	ERF domain protein 12	2.35	13.29	0.96	5.65	0.14	0.00	0.82	12.80	0.68	15.68	0.56
AT4G39510	cytochrome P450 family protein	2.34	89.67	0.57	38.26	0.01	0.05	0.97	109.10	0.38	112.50	0.41
AT1G31320	LOB domain protein 4 / lateral organ boundaries domain pro	2.32	51.33	0.17	22.08	0.03	0.04	1.23	52.42	0.37	42.51	0.29
AT5G15570	phototropin-responsive NPH3 family protein	2.27	62.70	0.78	27.62	0.02	0.07	0.87	69.00	0.73	79.70	0.04
AT5G67480	TAZ zinc finger family protein / BTB/POZ domain-containing	2.26	564.60	0.81	250.30	0.01	0.00	1.04	600.50	0.37	575.30	0.99
AT5G19340	expressed protein	2.25	97.86	0.29	43.41	0.02	0.02	1.19	104.60	0.15	87.54	0.37
AT2G39705	expressed protein	2.25	73.70	0.37	32.77	0.03	0.07	0.97	71.12	0.38	72.97	0.67
AT5G03670	expressed protein	2.18	37.95	0.83	17.38	0.03	0.02	0.90	46.29	0.26	51.27	0.04
AT1G33790	jascafin lectin family protein	2.16	290.80	0.91	134.80	0.02	0.03	1.11	345.30	0.04	310.30	0.63
AT4G32800	AP2 domain-containing transcription factor TINY	2.14	32.90	0.15	15.38	0.07	0.02	1.13	30.76	0.38	27.11	0.91
AT4G23200	protein kinase family protein	2.14	30.94	0.70	14.47	0.06	0.04	1.30	39.09	0.04	30.12	0.90
AT3G02910	expressed protein	2.13	515.30	0.54	241.80	0.02	0.03	1.16	581.50	0.11	501.20	0.65
AT2G40435	expressed protein	2.13	23.43	0.65	11.00	0.09	0.04	0.77	20.04	0.58	26.00	0.25
AT5G17760	AxA-type ATPase family protein	2.13	78.75	0.65	36.99	0.02	0.01	1.06	98.28	0.05	92.84	0.33
AT4G24210	F-box family protein / SLEEPY1 protein	2.13	236.60	0.47	111.30	0.01	0.02	0.88	216.80	0.44	245.70	0.47
AT4G27300	S-locus protein kinase, putative	2.12	221.10	0.53	104.30	0.01	0.01	1.11	268.60	0.34	242.70	0.64
AT1G46264	heat shock transcription factor family protein	2.12	81.36	0.22	38.46	0.02	0.02	0.82	70.24	0.58	85.24	0.22
AT4G36410	ubiquitin-conjugating enzyme 17	2.10	168.10	0.08	79.93	0.02	0.02	1.63	172.30	0.04	105.80	0.11
AT1G52770	phototropin-responsive NPH3 family protein	2.10	19.87	0.18	9.48	0.02	0.01	0.81	16.12	0.62	19.99	0.34
AT5G46050	proton-dependent oligopeptide transport family protein	2.06	130.80	0.56	63.54	0.02	0.01	1.18	158.70	0.41	134.60	0.95
AT1G28190	expressed protein	2.05	43.27	0.11	21.06	0.05	0.00	0.92	38.16	0.94	41.67	0.42
AT4G26150	zinc finger family protein	2.05	54.91	0.09	26.75	0.05	0.03	1.05	47.27	0.26	44.87	0.82
AT2G29440	glutathione S-transferase, putative	2.04	79.96	0.08	39.24	0.02	0.01	1.26	84.28	0.25	66.72	0.37
AT5G06400	expressed protein	2.03	121.90	0.02	59.99	0.02	0.01	1.00	104.50	0.64	104.20	0.93
AT1G78120	tetrapeptide repeat-containing protein	2.03	24.53	0.74	12.18	0.08	0.04	1.00	23.92	1.00	24.70	0.86
AT3G11280	myb family transcription factor	2.01	768.80	0.59	382.40	0.02	0.01	1.03	774.50	0.52	754.10	0.96
AT5G19730	pectinesterase family protein	1.99	46.39	1.00	23.28	0.03	0.03	0.82	47.17	0.97	57.68	0.06
AT1G63840	zinc finger family protein	1.98	119.60	0.20	60.31	0.03	0.03	0.83	103.00	0.64	123.40	0.16
AT4G91720	WRKY family transcription factor	1.97	66.42	0.71	33.65	0.03	0.04	0.97	72.16	0.51	74.23	0.18
AT5G58660	zinc finger family protein	1.95	54.06	0.34	27.44	0.03	0.04	1.00	54.06	0.37	51.37	0.90
AT5G20110	dynein light chain, putative	1.95	28.92	0.63	14.83	0.03	0.03	0.93	28.82	0.64	31.01	0.32
AT2G39710	aspartyl protease family protein	1.94	43.19	0.24	22.30	0.04	0.01	1.03	46.02	0.44	44.84	0.45
AT1G26770	expansin, putative	1.93	340.00	0.97	176.40	0.02	0.05	0.71	343.90	0.97	486.10	0.01
AT3G22760	CXC domain containing TSO1-like protein 1	1.92	77.47	0.24	40.35	0.03	0.03	0.91	68.91	0.90	75.98	0.30
AT1G33960	avirulence-responsive protein / avirulence induced gene	1.92	419.10	0.18	18.57	0.05	0.03	1.12	455.63	0.49	40.57	0.49
AT1G21060	expressed protein	1.91	52.92	0.61	27.67	0.03	0.04	1.16	57.48	0.14	49.64	0.78
AT5G07240	calmodulin-binding family protein	1.91	98.73	0.06	51.73	0.03	0.00	0.85	83.99	0.62	96.67	0.28
AT5G57220	cytochrome P450, putative	1.91	121.20	0.60	63.58	0.02	0.00	0.77	134.10	0.73	173.60	0.08
AT1G22400	UDP-galucronosyl/UDP-glucosyl transferase family protein	1.89	360.20	0.38	190.20	0.02	0.02	1.33	413.90	0.05	311.40	0.30
AT2G02719	PRC1-like-containing protein	1.89	419.10	0.10	216.90	0.02	0.02	1.29	393.80	0.13	305.20	0.22
AT4G33050	calmodulin-binding family protein	1.89	225.30	0.57	119.10	0.02	0.02	0.80	263.10	0.16	270.50	0.39
AT4G00480	myc-related transcription factor	1.87	68.34	0.81	36.46	0.02	0.03	1.02	72.30	0.47	70.55	0.81
AT5G50130	short-chain dehydrogenase/reductase family protein	1.86	111.40	0.01	59.88	0.04	0.02	1.34	105.60	0.11	78.84	0.13
AT5G20820	auxin-responsive protein-related	1.85	90.84	0.26	49.12	0.03	0.02	1.06	88.44	0.33	83.14	0.96
AT1G63080	F-box family protein / SKP1 interacting partner 3-related	1.85	139.60	0.29	75.05	0.02	0.01	1.02	139.60	0.29	137.40	0.86
AT5G06790	expressed protein	1.84	12.62	0.58	6.84	0.27	0					

AT5G53420	expressed protein	1,83	141,70	0,49	77,42	0,02	0,01	1,02	190,80	0,03	187,20	0,43
AT4G36220	cytochrome P450 8A1 / ferulate-5-hydroxylase	1,83	115,50	0,81	63,18	0,02	0,01	1,09	132,00	0,18	121,10	1,00
AT5G48660	phototropic-responsive NPH3 family protein	1,83	25,09	0,66	13,73	0,09	0,01	0,92	24,00	0,92	26,12	0,67
AT1G56610	transcription activator NAC1	1,83	67,20	0,71	36,82	0,02	0,01	1,12	83,67	0,15	74,84	0,47
AT5G53210	basic helix-loop-helix family protein	1,82	43,54	0,48	23,96	0,05	0,01	1,09	45,70	0,33	41,97	0,92
AT1G58440	squalene monooxygenase, putative / squalene epoxidase, p	1,81	185,80	0,50	102,40	0,02	0,01	1,00	196,60	0,55	197,50	0,67
AT5G42750	expressed protein	1,81	34,29	0,43	18,91	0,06	0,04	0,91	31,46	0,84	34,67	0,55
AT2G26170	thromboxane-A synthase, putative / cytochrome P450 family	1,81	130,00	0,35	71,87	0,03	0,03	1,10	129,30	0,51	117,30	0,92
AT4G31330	expressed protein	1,81	31,49	0,37	17,41	0,04	0,04	1,05	45,13	0,09	43,01	0,33
AT5G67520	adenylsulfate kinase, putative	1,81	19,96	0,62	11,04	0,13	0,01	0,97	20,36	0,74	21,04	0,54
AT2G05940	protein kinase, putative	1,80	129,60	0,61	71,86	0,02	0,02	0,86	131,20	0,70	151,70	0,14
AT1G21820	unknown protein EST gb AA586241 comes from this gene	1,80	267,40	0,01	148,80	0,06	0,01	1,05	221,10	0,56	210,10	0,65
AT1G23090	sulfate transporter, putative	1,79	168,50	0,00	94,10	0,09	0,01	1,28	140,00	0,09	109,30	0,21
AT1G56650	myb family transcription factor	1,79	13,40	0,71	7,49	0,24	0,02	1,02	15,51	0,37	15,25	0,44
AT3G22104	phototropic-responsive NPH3 protein-related	1,78	54,04	0,74	30,28	0,03	0,04	0,92	57,90	0,69	62,77	0,50
AT3G50240	kinesin motor protein-related	1,78	104,90	0,26	58,80	0,02	0,02	0,91	96,03	0,61	105,80	0,52
AT3G63210	expressed protein	1,78	42,25	0,59	23,70	0,05	0,04	0,99	43,89	0,46	44,39	0,65
AT3G19200	hypothetical protein	1,78	65,39	0,44	36,74	0,03	0,03	0,97	64,99	0,71	66,71	0,57
AT1G20650	protein kinase family protein	1,78	173,60	0,34	97,55	0,02	0,01	0,91	172,50	0,74	189,00	0,18
AT3G46670	UDP-glucuronosyl/UDP-glucosyl transferase family protein	1,77	64,03	0,74	36,10	0,02	0,04	0,75	62,85	0,64	84,04	0,04
AT5G47220	ethylene-responsive element-binding factor 2	1,77	73,38	0,09	41,41	0,04	0,01	1,41	88,29	0,40	62,73	0,44
AT3G26960	expressed protein	1,76	45,92	0,73	26,05	0,04	0,00	0,89	45,30	0,98	50,70	0,29
AT5G39220	hydrolase, alpha/beta fold family protein	1,76	15,18	0,65	8,62	0,23	0,04	0,88	13,45	0,93	15,35	0,66
AT2G41180	sigA-binding protein-related	1,76	61,74	0,85	35,11	0,03	0,02	0,92	65,18	0,52	70,87	0,15
AT5G62470	myb family transcription factor	1,75	31,13	0,34	17,76	0,09	0,02	1,20	33,42	0,39	27,81	0,76
AT5G06530	ABC transporter family protein	1,74	180,40	0,33	103,70	0,02	0,04	1,10	206,60	0,38	188,30	0,66
AT5G61520	hexose transporter, putative	1,73	145,00	0,59	83,70	0,02	0,04	1,13	166,00	0,06	146,30	0,99

AGI Code	Protein function	Fold induction in <i>gaf1</i>	<i>gaf1</i>	t-test p-value ( <i>gaf1</i> )	<i>gaf1</i> + GA	t-test p-value ( <i>gaf1</i> + GA)	p-value (ANOVA)	Fold induction in <i>gid1a-c</i>	<i>gid1a-c</i>	t-test p-value ( <i>gid1a-c</i> )	<i>gid1a-c</i> + GA3	st p-value ( <i>gid1a-c</i> + GA3)
AT1G14920	GAI	2.51	69.80	0.36	175.40	0.00	0.01	1.14	74.78	0.81	65.61	0.23
AT5G20790	expressed protein	2.50	32.88	0.05	82.35	0.11	0.05	1.37	57.30	0.91	41.87	0.54
AT3G58120	bZIP transcription factor family protein	2.50	46.28	0.46	115.50	0.01	0.01	1.21	48.87	0.72	40.50	0.09
AT1G78170	expressed protein	2.39	76.03	0.26	181.40	0.01	0.01	0.97	74.66	0.38	76.59	0.30
AT2G45680	TCP family transcription factor	2.38	24.29	0.70	57.86	0.00	0.02	0.91	23.19	0.47	25.47	0.82
AT2G18300	basic helix-loop-helix family protein	2.16	110.90	0.68	239.30	0.01	0.02	1.15	104.30	0.54	90.55	0.16
AT5G15580	expressed protein	2.09	31.83	0.67	66.58	0.00	0.01	1.02	32.68	0.79	32.06	0.58
AT5G65300	expressed protein	2.08	23.78	0.77	49.41	0.00	0.02	1.20	23.71	0.67	19.76	0.20
AT1G57560	myb family transcription factor	2.04	7.50	0.44	15.32	0.12	0.04	0.94	7.36	0.42	7.83	0.48
AT1G76620	expressed protein	2.02	7.82	0.49	15.80	0.07	0.02	0.93	8.49	0.60	9.11	0.70
AT3G28910	myb family transcription factor	1.99	38.11	0.12	75.67	0.00	0.00	0.85	43.10	0.45	50.93	0.40
AT2G41940	zinc finger family protein	1.97	69.34	0.63	136.90	0.02	0.02	0.99	71.53	0.82	72.10	0.71
AT5G01040	laccase family protein	1.96	114.60	0.14	224.30	0.00	0.03	0.76	126.70	0.18	166.40	0.10
AT5G40390	raffinose synthase family protein	1.90	80.12	0.23	151.90	0.00	0.03	0.77	79.18	0.12	102.20	0.57
AT1G10460	zinc finger family protein	1.88	15.86	0.77	23.79	0.00	0.04	0.92	13.79	0.66	15.02	0.91
AT5G54510	auxin-responsive GH3 protein	1.86	75.28	0.44	140.00	0.00	0.02	1.32	70.24	0.71	53.31	0.03
AT5G08130	basic helix-loop-helix family protein	1.85	83.82	0.35	154.90	0.00	0.02	1.26	100.90	0.50	79.80	0.09
AT1G69530	expansin, putative	1.83	368.00	0.98	674.60	0.02	0.04	1.41	358.70	0.76	253.60	0.01
AT3G15540	auxin-responsive AUX/IAA family protein	1.82	36.35	0.92	66.30	0.01	0.04	1.23	37.58	0.78	30.51	0.17
AT2G34140	Dof-type zinc finger domain-containing protein	1.81	16.75	0.89	30.28	0.01	0.01	1.08	15.54	0.74	14.44	0.49
AT3G07010	pectate lyase family protein	1.80	33.54	0.80	60.47	0.00	0.02	1.13	31.03	0.56	27.46	0.18
AT4G14550	auxin-responsive AUX/IAA family protein	1.80	10.24	0.88	18.40	0.04	0.02	1.00	10.36	0.87	10.31	0.83
AT3G14560	expressed protein	1.78	41.15	0.90	73.32	0.00	0.03	1.13	37.48	0.46	33.16	0.28
AT1G19220	transcriptional factor B3 family protein / auxin-responsive f	1.78	16.69	0.29	29.71	0.04	0.02	1.15	21.11	0.50	18.32	0.44
AT4G32280	auxin-responsive AUX/IAA family protein	1.77	19.02	0.83	33.71	0.01	0.04	1.42	19.27	0.89	13.58	0.16
AT1G10120	basic helix-loop-helix family protein	1.76	56.25	0.33	99.09	0.00	0.02	0.96	55.56	0.50	57.59	0.32
AT1G07090	expressed protein	1.75	93.09	0.31	163.90	0.00	0.04	1.18	109.90	0.86	93.02	0.08
AT5G56670	beta-galactosidase, putative / lactase, putative	1.75	199.60	0.44	349.60	0.00	0.01	1.24	149.30	0.22	120.60	0.01

**Supplemental Table 1.** List of genes that are repressed or induced by 100  $\mu$ M GA3 treatment (1 hour) in a *ga1* allele (SALK\_109115, Columbia ecotype) and their expression in the *gid1a-c* triple mutant. Genes are ordered by fold repression or induction. Criteria for this gene list were a minimum raw expression level of 50 (noise level of expression cutoff), a 1.75 fold expression change between the untreated and the GA3 treated sample, and a p-value < 0.05 in a one-way ANOVA test combined with a Benjamini and Hochberg false discovery rate mean expression level correction. The first work sheet shows GA3 repressed genes, the second work sheet shows GA3 induced genes. The tables provide the following information: AGI Code; Protein function; Fold Repression or Induction of *ga1* (ratio of the mean expression levels of treated versus untreated *ga1* samples); *ga1* (mean of three biological replicates, raw data); t-test p-value (*ga1*), (t-test p-value of three biological replicates of the untreated *ga1* samples); *ga1* + GA (mean of three biological replicates, raw data); t-test p-value (*ga1* + GA), (t-test p-value of three biological replicates of the treated *ga1* samples); p-value (ANOVA) (p-value in a one-way ANOVA test of the *ga1* samples combined with a Benjamini and Hochberg false discovery rate mean expression level correction); Fold Repression or Induction of *gid1a-c* samples (Ratio of mean expression level of treated versus untreated *gid1a-c* samples); *gid1a-c* (mean of three biological replicates, raw data); t-test p-value (*gid1a-c*), (t-test p-value of three biological replicates of the untreated *gid1a-c* samples); *gid1a-c* + GA (mean of three biological replicates, raw data); t-test p-value (*gid1a-c* + GA), (t-test p-value of three biological replicates of the GA3 treated *gid1a-c* samples).