

Analysis summary of project DESeq_V8

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using RobiNA version 1.2.4_build656

The analysis was run using count data imported from a precomputedcounts table file:
APEX5_Hiseq_Hisat_Counts_V8.txt

Between the samples defined in the imported counts table, the following contrastshave been computed:

GCRootCAX23-FLRootCAX23

GCRootRBOHD-FLRootRBOHD

GCRootCOL00-FLRootCOL00

GCRootCAX22-FLRootCAX22

GCShootCAX22-FLShootCAX22

GCShootCAX23-FLShootCAX23

GCShootCOL00-FLShootCOL00

GCShootRBOHD-FLShootRBOHD

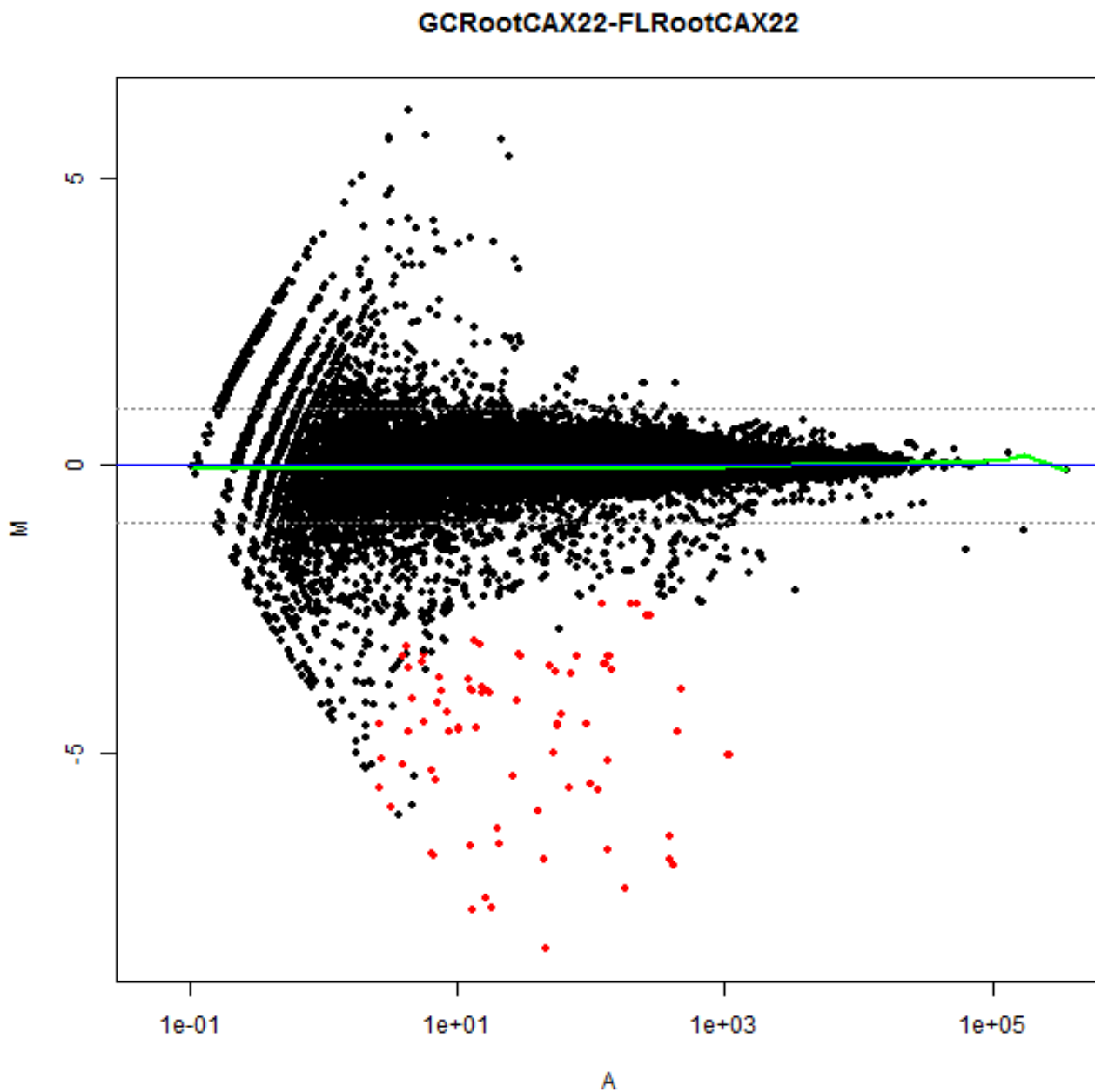
The normalization and statistical evaluation of differential gene expression has been performed using DESeq (Anders and Huber, 2010) with a p-value cut-off of 0.05 and using the Benjamini-Hochberg (1995) method for multiple testing correction.

The raw data was normalized according to the default procedure of the differential expression analysis package used. The dispersion was estimated using the pooled setting

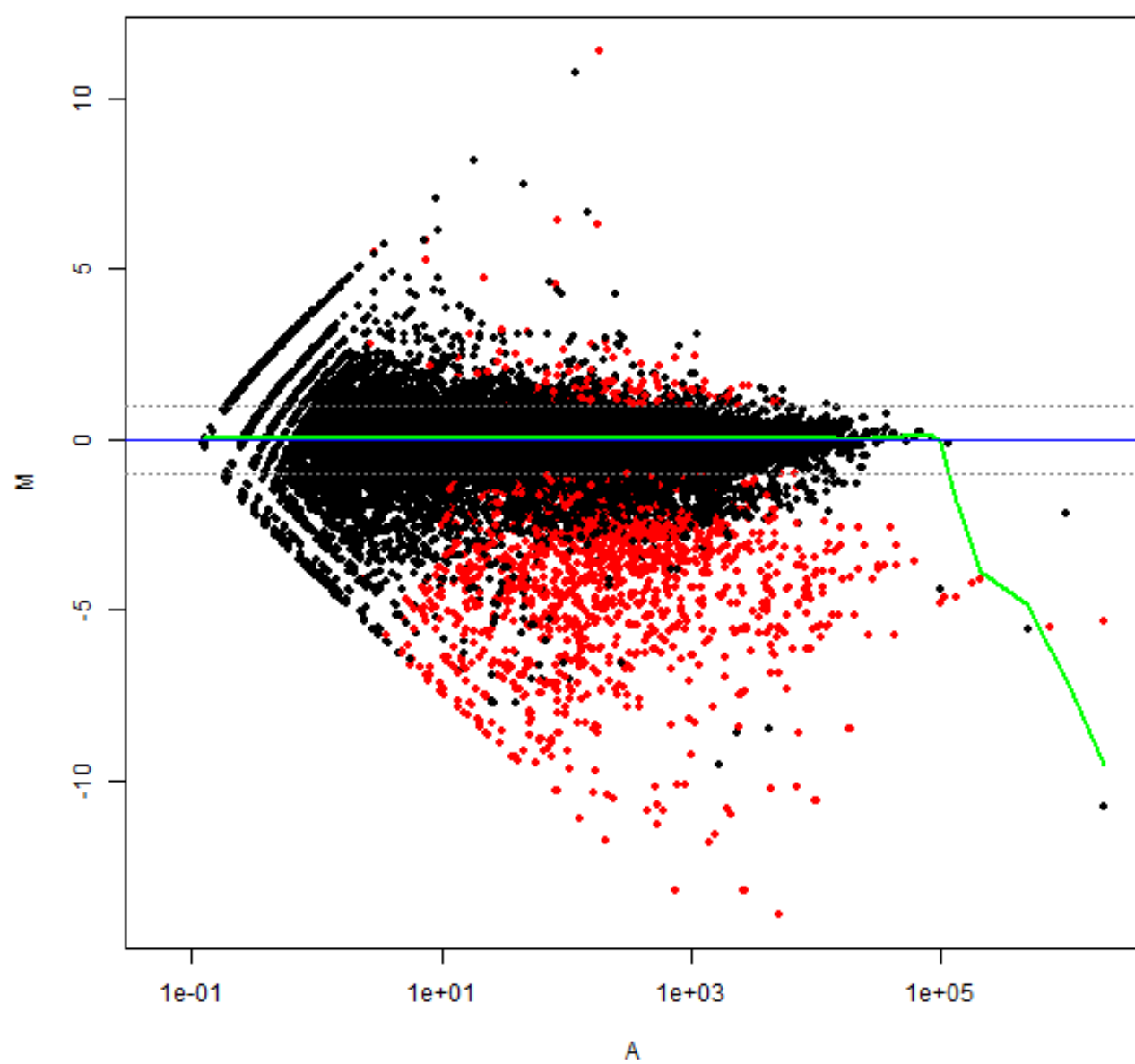
MA plots of each comparison

The MA plots show the log2 fold change (M; logFC) plotted versus the average expression strength (A; LogConc) for each of the comparisons that was computed. Usually, these scatter plots show a trumpet-like shape which is attributed to the fact that genes with a lower expression signal strength are more strongly affected by noise than strongly expressed genes.

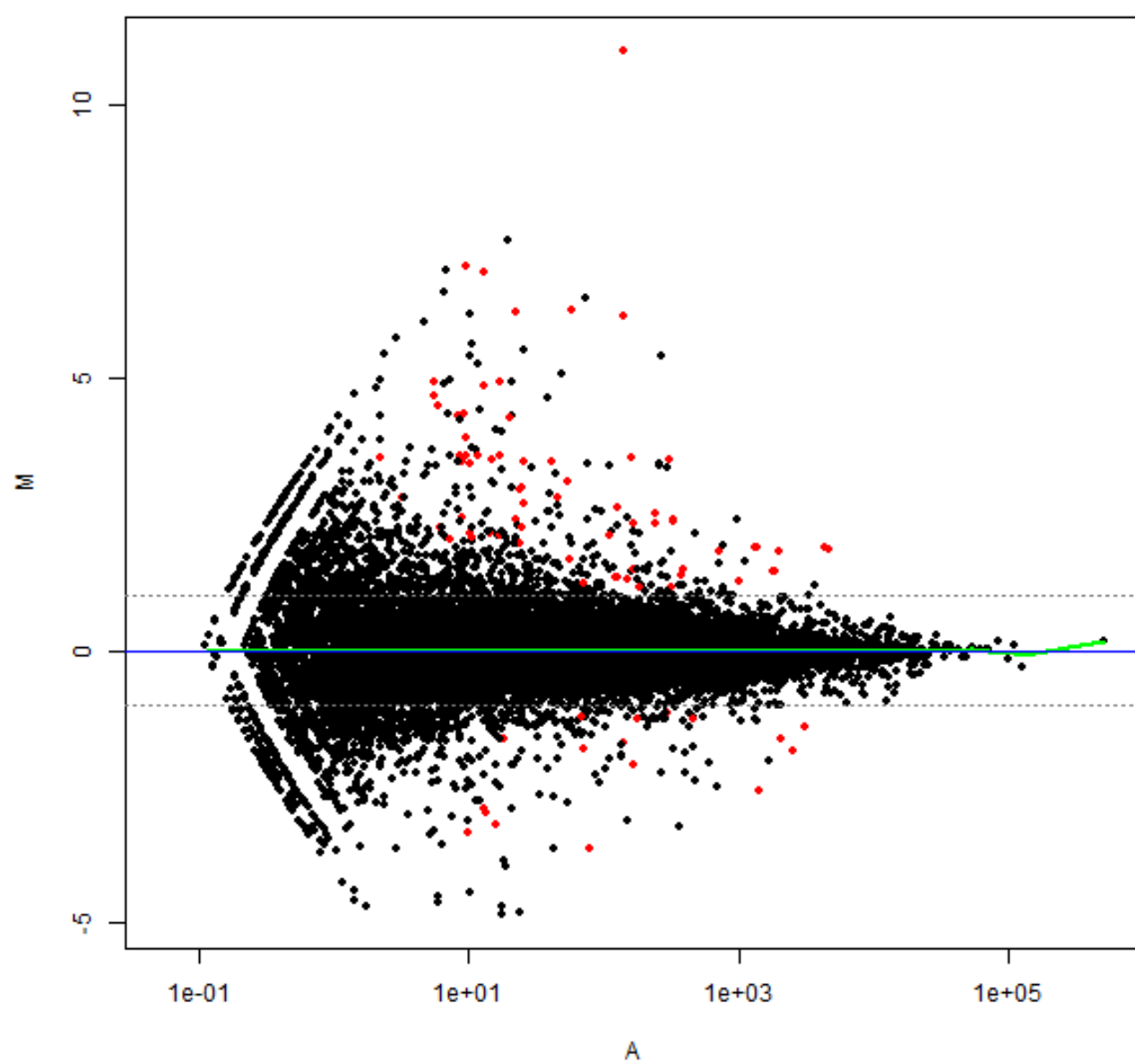
According to the assumption that under most experimental conditions the bulk of the genes of an organism are not responding differentially, the cloud of points should be centered around a log fold change of 0. Genes that were called significantly differentially expressed are shown in red.



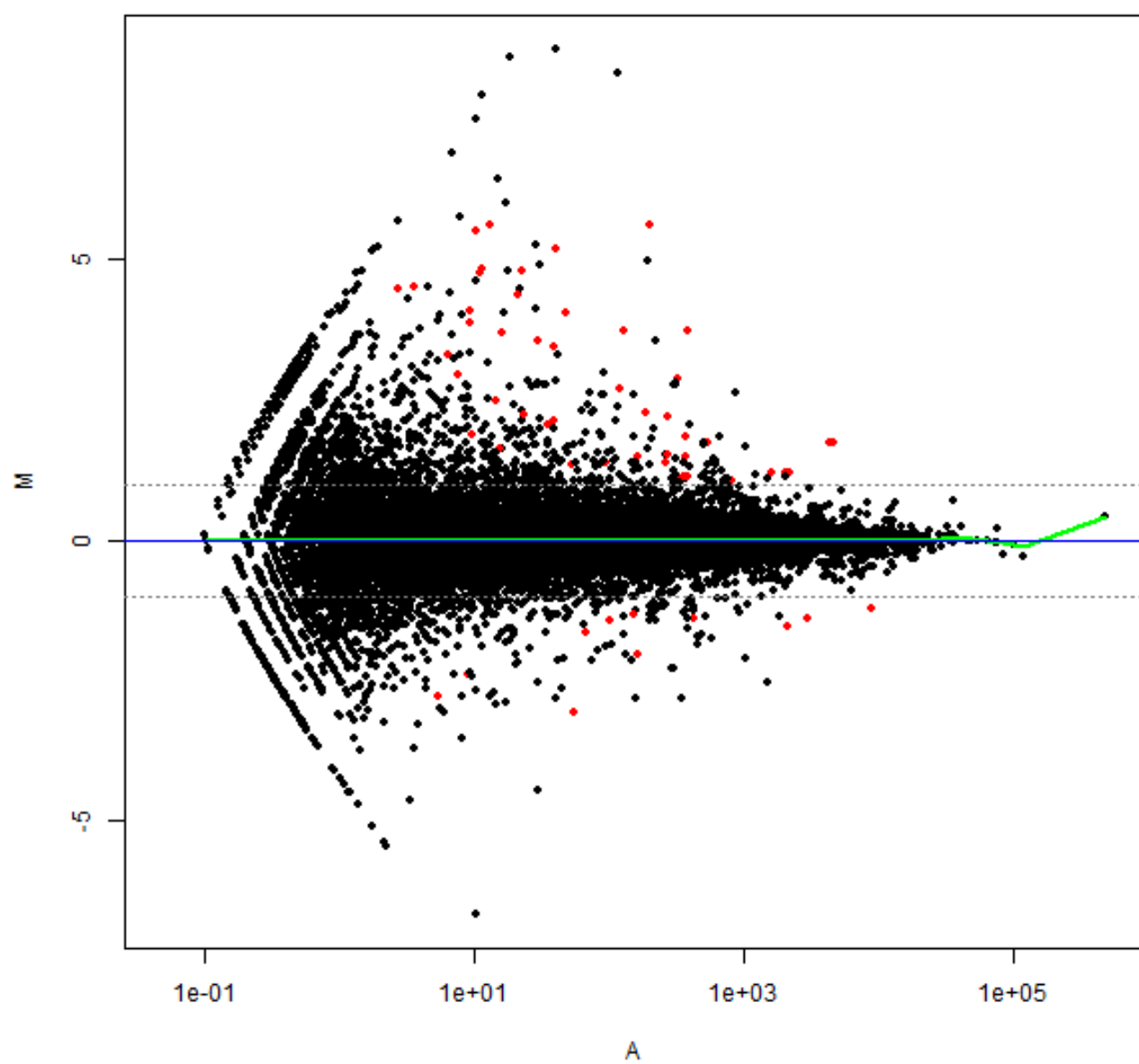
GCRootCAX23-FLRootCAX23



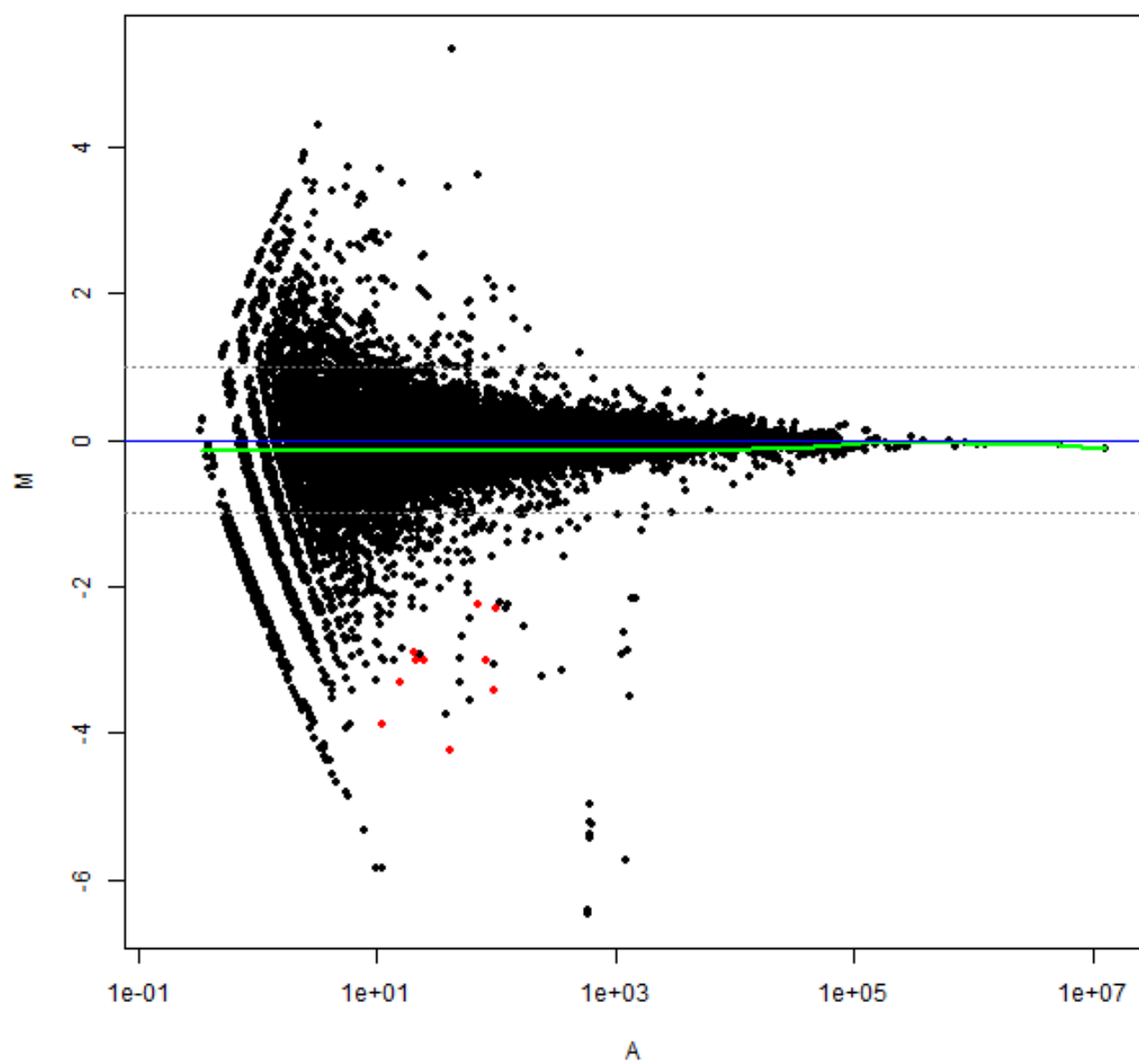
GCRootCOL00-FLRootCOL00



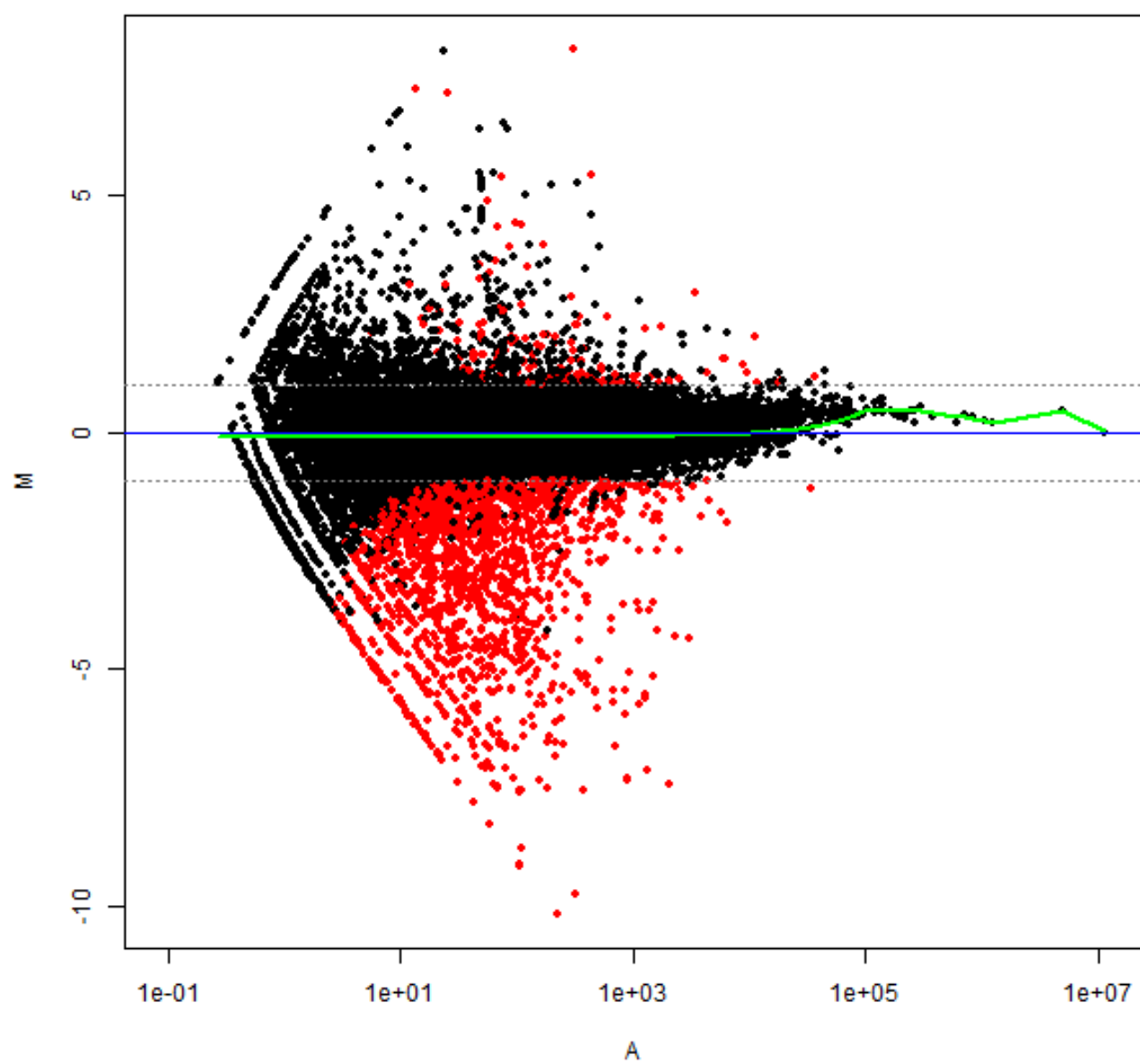
GCRootRBOHD-FLRootRBOHD



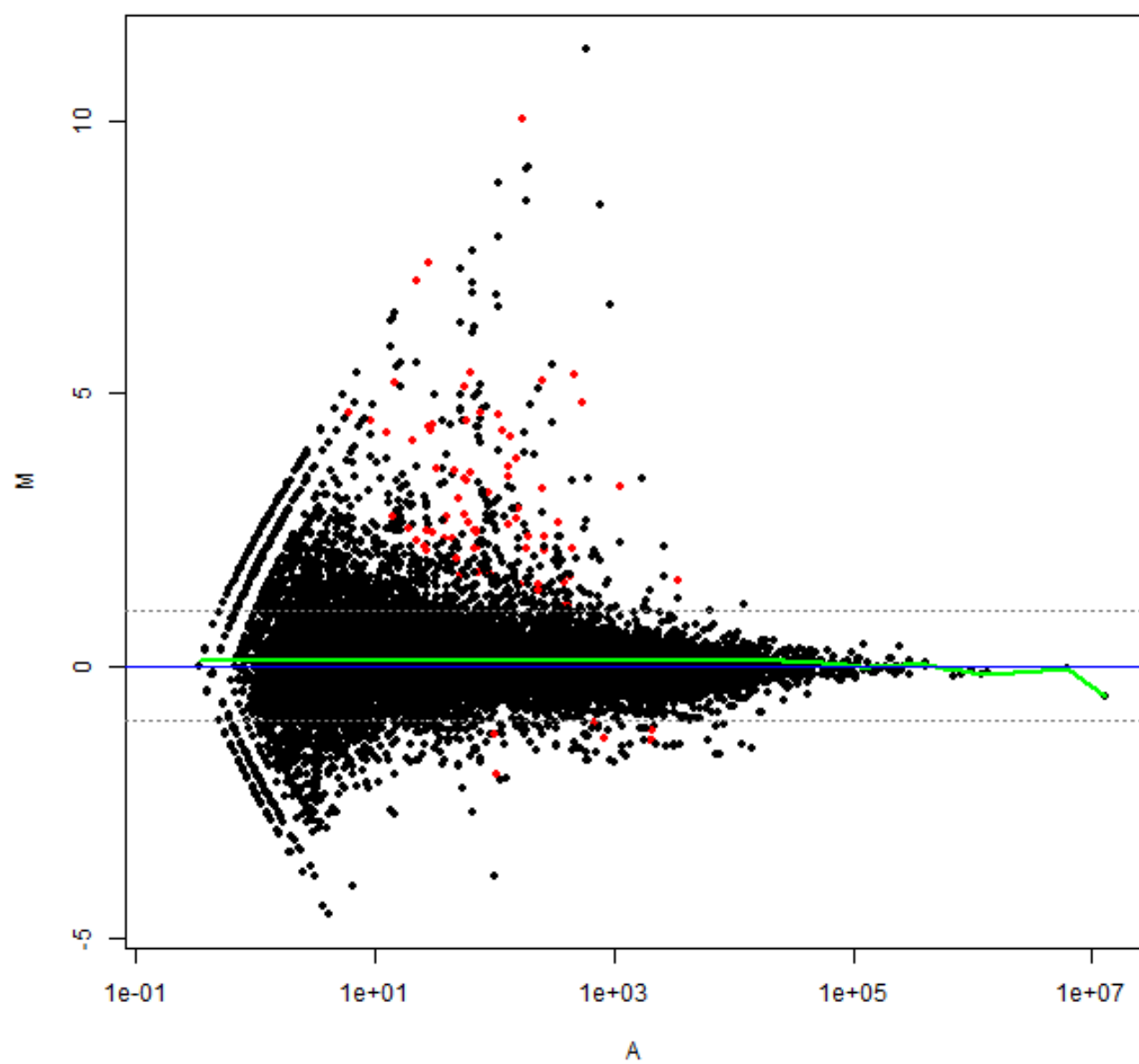
GCShootCAX22-FLShootCAX22



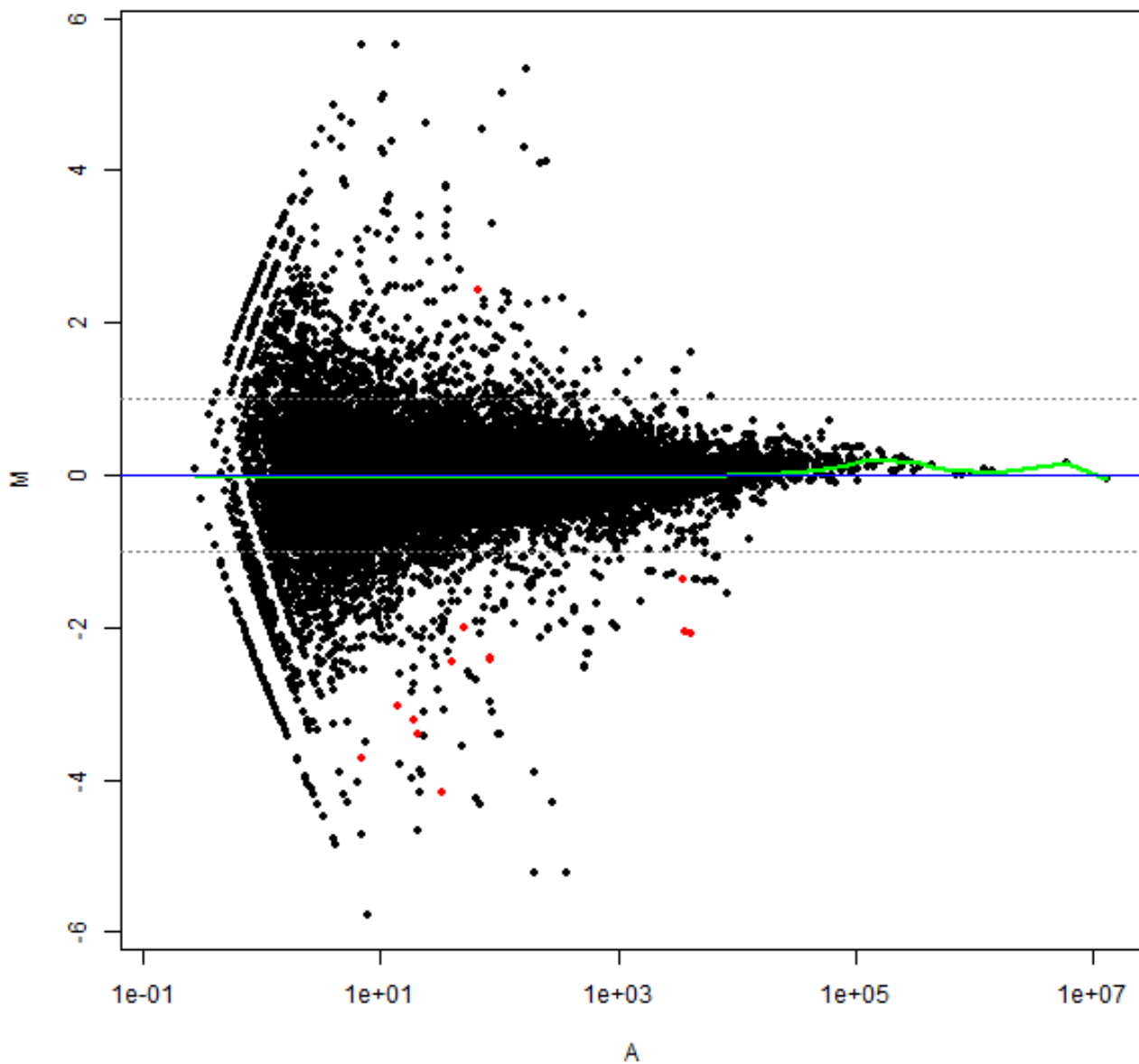
GCShootCAX23-FLShootCAX23



GCSshootCOL00-FLShootCOL00



GCShootRBOHD-FLShootRBOHD



Venn Diagrams

Venn diagrams visualize the amount of genes that were called significantly differentially expressed in each comparison. The conditions are represented by circles. Genes that show a significant response to more than one condition are plotted in the overlapping areas while the amount of not significantly changed genes is given in the lower right corner of the plots.

Venn diagrams allow a simple and quick overview of the impact of the treatments on the gene expression profile and also the specificity of the responses

Top differentially expressed genes: full_table_GCRootCAX22-FLRootCAX22.txt

[illegible]

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.1	410.997 3399245 13	440.458 4279430 18	381.536 2519060 08	0.86622 5340919 956	- 0.20718 5716657 836	0.44297 2400462 925	1
AT1G01 020.1	410.997 3399245 13	440.458 4279430 18	381.536 2519060 08	0.86622 5340919 956	- 0.20718 5716657 836	0.44297 2400462 925	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 020.2	373.026 0285398 64	399.634 9313745 16	346.417 1257052 12	0.86683 3948958 702	- 0.20617 2438184 831	0.44864 1875466 223	1
AT1G01 030.1	41.0996 0487053 74	42.0069 0474135 65	40.1923 0499971 84	0.95680 2345880 734	- 0.06370 7168158 2508	0.89574 2262629 022	1
AT1G01 030.1	41.0996 0487053 74	42.0069 0474135 65	40.1923 0499971 84	0.95680 2345880 734	- 0.06370 7168158 2508	0.89574 2262629 022	1
AT1G01 030.1	41.0996 0487053 74	42.0069 0474135 65	40.1923 0499971 84	0.95680 2345880 734	- 0.06370 7168158 2508	0.89574 2262629 022	1
AT1G01 030.1	41.0996 0487053 74	42.0069 0474135 65	40.1923 0499971 84	0.95680 2345880 734	- 0.06370 7168158 2508	0.89574 2262629 022	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01030.1	41.0996048705374	42.0069047413565	40.1923049997184	0.956802345880734	-0.0637071681582508	0.895742262629022	1
AT1G01030.1	41.0996048705374	42.0069047413565	40.1923049997184	0.956802345880734	-0.0637071681582508	0.895742262629022	1
AT1G01030.1	41.0996048705374	42.0069047413565	40.1923049997184	0.956802345880734	-0.0637071681582508	0.895742262629022	1
AT1G01030.1	41.0996048705374	42.0069047413565	40.1923049997184	0.956802345880734	-0.0637071681582508	0.895742262629022	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.1	1074.34488717241	1056.9542902711	1091.73548407372	1.03290699902803	0.0467103625464588	0.857434867274176	1
AT1G01040.2	1021.31727095042	1002.1641816254	1040.47036027545	1.03822345614859	0.0541169874166229	0.829161314431884	1
AT1G01040.2	1021.31727095042	1002.1641816254	1040.47036027545	1.03822345614859	0.0541169874166229	0.829161314431884	1
AT1G01040.2	1021.31727095042	1002.1641816254	1040.47036027545	1.03822345614859	0.0541169874166229	0.829161314431884	1
AT1G01040.2	1021.31727095042	1002.1641816254	1040.47036027545	1.03822345614859	0.0541169874166229	0.829161314431884	1
AT1G01040.2	1021.31727095042	1002.1641816254	1040.47036027545	1.03822345614859	0.0541169874166229	0.829161314431884	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.2	1021.31 7270950 42	1002.16 4181625 4	1040.47 0360275 45	1.03822 3456148 59	0.05411 6987416 6229	0.82916 1314431 884	1
AT1G01 040.2	1021.31 7270950 42	1002.16 4181625 4	1040.47 0360275 45	1.03822 3456148 59	0.05411 6987416 6229	0.82916 1314431 884	1
AT1G01 040.2	1021.31 7270950 42	1002.16 4181625 4	1040.47 0360275 45	1.03822 3456148 59	0.05411 6987416 6229	0.82916 1314431 884	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 046.1	24.4019 7958850 02	23.5703 0200698 39	25.2336 5717001 64	1.07056 9955469 37	0.09837 9070465 3777	0.70907 3483385 215	1
AT1G01 050.1	2462.03 1099881 94	2485.75 3501640 15	2438.30 8698123 73	0.98091 3311201 165	- 0.02780 2451843 8534	0.92178 2347110 414	1
AT1G01 050.1	2462.03 1099881 94	2485.75 3501640 15	2438.30 8698123 73	0.98091 3311201 165	- 0.02780 2451843 8534	0.92178 2347110 414	1
AT1G01 050.1	2462.03 1099881 94	2485.75 3501640 15	2438.30 8698123 73	0.98091 3311201 165	- 0.02780 2451843 8534	0.92178 2347110 414	1
AT1G01 050.1	2462.03 1099881 94	2485.75 3501640 15	2438.30 8698123 73	0.98091 3311201 165	- 0.02780 2451843 8534	0.92178 2347110 414	1
AT1G01 050.1	2462.03 1099881 94	2485.75 3501640 15	2438.30 8698123 73	0.98091 3311201 165	- 0.02780 2451843 8534	0.92178 2347110 414	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01050.1	2462.03109988194	2485.75350164015	2438.30869812373	0.980913311201165	-0.0278024518438534	0.921782347110414	1
AT1G01050.1	2462.03109988194	2485.75350164015	2438.30869812373	0.980913311201165	-0.0278024518438534	0.921782347110414	1
AT1G01050.1	2462.03109988194	2485.75350164015	2438.30869812373	0.980913311201165	-0.0278024518438534	0.921782347110414	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1
AT1G01060.1	563.860823142228	540.758966380586	586.96267990387	1.08544234380899	0.118283095358879	0.810753115869678	1

Top differentially expressed genes: full_table_GCRootCAX23-FLRootCAX23.txt

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01010.1	264.224372774889	219.295972353433	309.152773196346	1.40975125935325	0.495440631734311	0.595269946454387	1
AT1G01010.1	264.224372774889	219.295972353433	309.152773196346	1.40975125935325	0.495440631734311	0.595269946454387	1
AT1G01010.1	264.224372774889	219.295972353433	309.152773196346	1.40975125935325	0.495440631734311	0.595269946454387	1
AT1G01010.1	264.224372774889	219.295972353433	309.152773196346	1.40975125935325	0.495440631734311	0.595269946454387	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01010.1	264.224 3727748 89	219.295 9723534 33	309.152 7731963 46	1.40975 1259353 25	0.49544 0631734 311	0.59526 9946454 387	1
AT1G01010.1	264.224 3727748 89	219.295 9723534 33	309.152 7731963 46	1.40975 1259353 25	0.49544 0631734 311	0.59526 9946454 387	1
AT1G01010.1	264.224 3727748 89	219.295 9723534 33	309.152 7731963 46	1.40975 1259353 25	0.49544 0631734 311	0.59526 9946454 387	1
AT1G01010.1	264.224 3727748 89	219.295 9723534 33	309.152 7731963 46	1.40975 1259353 25	0.49544 0631734 311	0.59526 9946454 387	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.1	350.170 2754860 23	325.515 0441535 26	374.825 5068185 21	1.15148 4435360 65	0.20349 4910323 324	0.81500 7033462 89	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01 020.2	317.001 8232548 78	296.222 4695348 57	337.781 1769748 98	1.14029 5594406 79	0.18940 7857114 749	0.87851 8093701 248	1
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 030.1	55.2753 2472154 72	82.2452 6290854 81	28.3053 8653454 64	0.34415 8259497 818	- 1.53885 5961097 6	0.00478 5997112 9107	0.07732 0253756 3415
AT1G01 040.1	1141.77 5793983 65	1230.02 7367258 43	1053.52 4220708 87	0.85650 4699612 522	- 0.22346 6932537 132	0.73218 4378475 357	1
AT1G01 040.1	1141.77 5793983 65	1230.02 7367258 43	1053.52 4220708 87	0.85650 4699612 522	- 0.22346 6932537 132	0.73218 4378475 357	1
AT1G01 040.1	1141.77 5793983 65	1230.02 7367258 43	1053.52 4220708 87	0.85650 4699612 522	- 0.22346 6932537 132	0.73218 4378475 357	1
AT1G01 040.1	1141.77 5793983 65	1230.02 7367258 43	1053.52 4220708 87	0.85650 4699612 522	- 0.22346 6932537 132	0.73218 4378475 357	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01040.1	1141.77579398365	1230.02736725843	1053.52422070887	0.856504699612522	-0.223466932537132	0.732184378475357	1
AT1G01040.1	1141.77579398365	1230.02736725843	1053.52422070887	0.856504699612522	-0.223466932537132	0.732184378475357	1
AT1G01040.1	1141.77579398365	1230.02736725843	1053.52422070887	0.856504699612522	-0.223466932537132	0.732184378475357	1
AT1G01040.1	1141.77579398365	1230.02736725843	1053.52422070887	0.856504699612522	-0.223466932537132	0.732184378475357	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01040.2	1096.39411459329	1186.68152490704	1006.10670427954	0.847832112628829	-0.238149483704341	0.730066936070889	1
AT1G01046.1	23.74881651483	23.5901348664796	23.9074981631805	1.01345322095432	0.0192794983215811	0.893843322102797	1
AT1G01046.1	23.74881651483	23.5901348664796	23.9074981631805	1.01345322095432	0.0192794983215811	0.893843322102797	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 046.1	23.7488 1651483	23.5901 3486647 96	23.9074 9816318 05	1.01345 3220954 32	0.01927 9498321 5811	0.89384 3322102 797	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 050.1	2361.69 2241180 51	2220.69 8287997 64	2502.68 6194363 38	1.12698 1638113 48	0.17246 4009903 725	0.56758 2137441 689	1
AT1G01 060.1	911.147 6297085 19	1230.88 7019365 84	591.408 2400512 03	0.48047 3212200 988	- 1.05747 2096150 78	0.41654 9839795 238	1
AT1G01 060.1	911.147 6297085 19	1230.88 7019365 84	591.408 2400512 03	0.48047 3212200 988	- 1.05747 2096150 78	0.41654 9839795 238	1
AT1G01 060.1	911.147 6297085 19	1230.88 7019365 84	591.408 2400512 03	0.48047 3212200 988	- 1.05747 2096150 78	0.41654 9839795 238	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01060.1	911.147629708519	1230.88701936584	591.408240051203	0.480473212200988	-1.05747209615078	0.416549839795238	1
AT1G01060.1	911.147629708519	1230.88701936584	591.408240051203	0.480473212200988	-1.05747209615078	0.416549839795238	1
AT1G01060.1	911.147629708519	1230.88701936584	591.408240051203	0.480473212200988	-1.05747209615078	0.416549839795238	1
AT1G01060.1	911.147629708519	1230.88701936584	591.408240051203	0.480473212200988	-1.05747209615078	0.416549839795238	1
AT1G01060.1	911.147629708519	1230.88701936584	591.408240051203	0.480473212200988	-1.05747209615078	0.416549839795238	1

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id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01010.1	282.368214651349	242.662298692967	322.074130609731	1.3272524506052	0.408442805219563	0.0953578124578486	1
AT1G01020.1	373.426054418742	382.713342774157	364.138766063328	0.951466085357286	-0.0717758617815128	0.798275577339977	1

[illegible]

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.2	329.046 8702673 07	339.404 1004190 59	318.689 6401155 55	0.93896 8149536 415	- 0.09085 1873414 2685	0.73636 9795971 86	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 030.1	32.7136 8207981 15	34.8538 6024885 99	30.5735 0391076 31	0.87719 1326655 506	- 0.18903 6547642 101	0.53994 2153015 533	1
AT1G01 040.1	1004.49 2964769 79	1019.16 5011256 08	989.820 9182834 97	0.97120 7711559 468	- 0.04214 8217996 7817	0.91930 7442135 066	1
AT1G01 040.1	1004.49 2964769 79	1019.16 5011256 08	989.820 9182834 97	0.97120 7711559 468	- 0.04214 8217996 7817	0.91930 7442135 066	1
AT1G01 040.1	1004.49 2964769 79	1019.16 5011256 08	989.820 9182834 97	0.97120 7711559 468	- 0.04214 8217996 7817	0.91930 7442135 066	1
AT1G01 040.1	1004.49 2964769 79	1019.16 5011256 08	989.820 9182834 97	0.97120 7711559 468	- 0.04214 8217996 7817	0.91930 7442135 066	1
AT1G01 040.1	1004.49 2964769 79	1019.16 5011256 08	989.820 9182834 97	0.97120 7711559 468	- 0.04214 8217996 7817	0.91930 7442135 066	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01040.1	1004.49296476979	1019.16501125608	989.820918283497	0.971207711559468	-0.0421482179967817	0.919307442135066	1
AT1G01040.1	1004.49296476979	1019.16501125608	989.820918283497	0.971207711559468	-0.0421482179967817	0.919307442135066	1
AT1G01040.1	1004.49296476979	1019.16501125608	989.820918283497	0.971207711559468	-0.0421482179967817	0.919307442135066	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01040.2	956.784689850129	973.210643175219	940.358736525039	0.966243786090341	-0.0495408637856866	0.898513373159803	1
AT1G01046.1	21.581313818733	22.3933396295043	20.7692880079617	0.927476131367075	-0.108617940487016	0.91093074173939	1
AT1G01046.1	21.581313818733	22.3933396295043	20.7692880079617	0.927476131367075	-0.108617940487016	0.91093074173939	1
AT1G01046.1	21.581313818733	22.3933396295043	20.7692880079617	0.927476131367075	-0.108617940487016	0.91093074173939	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 046.1	21.5813 1381873 3	22.3933 3962950 43	20.7692 8800796 17	0.92747 6131367 075	- 0.10861 7940487 016	0.91093 0741739 39	1
AT1G01 046.1	21.5813 1381873 3	22.3933 3962950 43	20.7692 8800796 17	0.92747 6131367 075	- 0.10861 7940487 016	0.91093 0741739 39	1
AT1G01 046.1	21.5813 1381873 3	22.3933 3962950 43	20.7692 8800796 17	0.92747 6131367 075	- 0.10861 7940487 016	0.91093 0741739 39	1
AT1G01 046.1	21.5813 1381873 3	22.3933 3962950 43	20.7692 8800796 17	0.92747 6131367 075	- 0.10861 7940487 016	0.91093 0741739 39	1
AT1G01 046.1	21.5813 1381873 3	22.3933 3962950 43	20.7692 8800796 17	0.92747 6131367 075	- 0.10861 7940487 016	0.91093 0741739 39	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 050.1	2378.01 2688145 82	2391.99 0735576 9	2364.03 4640714 73	0.98831 2624105 783	- 0.01696 0626047 2557	0.97764 3541726 774	1
AT1G01 060.1	590.215 4370544 27	580.655 4038911 57	599.775 4702176 97	1.03292 8422259 42	0.04674 0284765 2043	0.90333 9061059 783	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.1	379.116 7935125 16	394.103 7817308 86	364.129 8052941 46	0.92394 3951247 827	- 0.11412 2758083 022	0.63212 3736004 336	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 020.2	341.797 0140675 74	354.626 1549575 07	328.967 8731776 41	0.92764 6956037 577	- 0.10835 2246089 308	0.65196 6462839 052	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 030.1	36.8302 7345517 84	40.4187 6562741 08	33.2417 8128294 59	0.82243 4351147 09	- 0.28202 7571120 921	0.48169 1751389 424	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.1	1055.15 6252549 2	1042.65 6940668 05	1067.65 5564430 35	1.02397 5885823 27	0.03418 1740911 3355	0.95196 9607589 455	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 040.2	1006.32 6709234 8	992.889 9156455 68	1019.76 3502824 04	1.02706 6028927 28	0.03852 8933889 6136	0.94618 8202669 743	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 046.1	22.2027 4880176 98	22.9833 3824992 68	21.4221 5935361 27	0.93207 3449063 948	- 0.10148 4448564 56	0.73738 5276899 661	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 050.1	2430.92 2521541 56	2398.83 1179625 74	2463.01 3863457 37	1.02675 5815239 01	0.03809 3118334 9542	0.90268 9898236 735	1
AT1G01 060.1	567.518 5736091 91	553.073 0902266 11	581.964 0569917 71	1.05223 7158660 75	0.07345 9903359 6568	0.85680 5727372 02	1
AT1G01 060.1	567.518 5736091 91	553.073 0902266 11	581.964 0569917 71	1.05223 7158660 75	0.07345 9903359 6568	0.85680 5727372 02	1
AT1G01 060.1	567.518 5736091 91	553.073 0902266 11	581.964 0569917 71	1.05223 7158660 75	0.07345 9903359 6568	0.85680 5727372 02	1
AT1G01 060.1	567.518 5736091 91	553.073 0902266 11	581.964 0569917 71	1.05223 7158660 75	0.07345 9903359 6568	0.85680 5727372 02	1
AT1G01 060.1	567.518 5736091 91	553.073 0902266 11	581.964 0569917 71	1.05223 7158660 75	0.07345 9903359 6568	0.85680 5727372 02	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01060.1	567.518573609191	553.073090226611	581.964056991771	1.05223715866075	0.0734599033596568	0.85680572737202	1
AT1G01060.1	567.518573609191	553.073090226611	581.964056991771	1.05223715866075	0.0734599033596568	0.85680572737202	1

Top differentially expressed genes: full_table_GCShootCAX22-FLShootCAX22.txt

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01010.1	133.922062967469	136.358819037314	131.485306897624	0.964259648374069	-0.0525064183664529	0.839125614150343	1
AT1G01020.1	402.044342817219	399.17427646568	404.914409168758	1.01438001655292	0.0205982295489748	0.90690130971603	1
AT1G01020.1	402.044342817219	399.17427646568	404.914409168758	1.01438001655292	0.0205982295489748	0.90690130971603	1
AT1G01020.1	402.044342817219	399.17427646568	404.914409168758	1.01438001655292	0.0205982295489748	0.90690130971603	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.1	402.044 3428172 19	399.174 2764656 8	404.914 4091687 58	1.01438 0016552 92	0.02059 8229548 9748	0.90690 1309716 03	1
AT1G01 020.1	402.044 3428172 19	399.174 2764656 8	404.914 4091687 58	1.01438 0016552 92	0.02059 8229548 9748	0.90690 1309716 03	1
AT1G01 020.1	402.044 3428172 19	399.174 2764656 8	404.914 4091687 58	1.01438 0016552 92	0.02059 8229548 9748	0.90690 1309716 03	1
AT1G01 020.1	402.044 3428172 19	399.174 2764656 8	404.914 4091687 58	1.01438 0016552 92	0.02059 8229548 9748	0.90690 1309716 03	1
AT1G01 020.1	402.044 3428172 19	399.174 2764656 8	404.914 4091687 58	1.01438 0016552 92	0.02059 8229548 9748	0.90690 1309716 03	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 020.2	369.871 5834824 47	368.945 7971509 2	370.797 3698139 75	1.00501 8549275 67	0.00722 2128967 45569	0.94360 1554856 172	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 030.1	196.528 7303444 25	205.847 9227121 55	187.209 5379766 96	0.90945 5560736 837	- 0.13692 4950546 542	0.77803 8442073 5	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.1	1366.46 7300616 56	1344.42 0550086 87	1388.51 4051146 24	1.03279 7401866 94	0.04655 7276479 667	0.79223 0262821 937	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 040.2	1296.94 1906755 52	1277.66 6883036 16	1316.21 6930474 87	1.03017 2220905 58	0.04288 5542725 6733	0.81390 6712335 462	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 046.1	32.3712 6764374 62	30.1126 0019774 76	34.6299 3508974 48	1.15001 4773295 3	0.20165 2394407 016	0.59298 8695926 594	1
AT1G01 050.1	1917.56 3072115 95	1935.35 0627842 33	1899.77 5516389 56	0.98161 8260308 506	- 0.02676 6008262 7715	0.98251 6162432 813	1
AT1G01 050.1	1917.56 3072115 95	1935.35 0627842 33	1899.77 5516389 56	0.98161 8260308 506	- 0.02676 6008262 7715	0.98251 6162432 813	1
AT1G01 050.1	1917.56 3072115 95	1935.35 0627842 33	1899.77 5516389 56	0.98161 8260308 506	- 0.02676 6008262 7715	0.98251 6162432 813	1
AT1G01 050.1	1917.56 3072115 95	1935.35 0627842 33	1899.77 5516389 56	0.98161 8260308 506	- 0.02676 6008262 7715	0.98251 6162432 813	1
AT1G01 050.1	1917.56 3072115 95	1935.35 0627842 33	1899.77 5516389 56	0.98161 8260308 506	- 0.02676 6008262 7715	0.98251 6162432 813	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01050.1	1917.56307211595	1935.35062784233	1899.77551638956	0.981618260308506	-0.0267660082627715	0.982516162432813	1
AT1G01050.1	1917.56307211595	1935.35062784233	1899.77551638956	0.981618260308506	-0.0267660082627715	0.982516162432813	1
AT1G01050.1	1917.56307211595	1935.35062784233	1899.77551638956	0.981618260308506	-0.0267660082627715	0.982516162432813	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1
AT1G01060.1	1607.13910002864	1594.34823038764	1619.92996966963	1.01604526463818	0.0229646753525908	0.769392148169367	1

Top differentially expressed genes: full_table_GCShootCAX23-FLShootCAX23.txt

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01010.1	145.67694717758	151.72925463097	139.624639724189	0.920222273969369	-0.119945717606997	0.294803098288452	0.726825340996528
AT1G01010.1	145.67694717758	151.72925463097	139.624639724189	0.920222273969369	-0.119945717606997	0.294803098288452	0.726825340996528
AT1G01010.1	145.67694717758	151.72925463097	139.624639724189	0.920222273969369	-0.119945717606997	0.294803098288452	0.726825340996528

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01010.1	145.676 9471775 8	151.729 2546309 7	139.624 6397241 89	0.92022 2273969 369	- 0.11994 5717606 997	0.29480 3098288 452	0.72682 5340996 528
AT1G01010.1	145.676 9471775 8	151.729 2546309 7	139.624 6397241 89	0.92022 2273969 369	- 0.11994 5717606 997	0.29480 3098288 452	0.72682 5340996 528
AT1G01010.1	145.676 9471775 8	151.729 2546309 7	139.624 6397241 89	0.92022 2273969 369	- 0.11994 5717606 997	0.29480 3098288 452	0.72682 5340996 528
AT1G01010.1	145.676 9471775 8	151.729 2546309 7	139.624 6397241 89	0.92022 2273969 369	- 0.11994 5717606 997	0.29480 3098288 452	0.72682 5340996 528
AT1G01010.1	145.676 9471775 8	151.729 2546309 7	139.624 6397241 89	0.92022 2273969 369	- 0.11994 5717606 997	0.29480 3098288 452	0.72682 5340996 528
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.1	414.690 7132678 99	390.858 7253096 53	438.522 7012261 44	1.12194 6813081 2	0.16600 4285284 711	0.40451 5961687 224	0.82841 1715049 379
AT1G01020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01 020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01 020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01 020.2	379.011 4772342 88	351.355 7325195 59	406.667 2219490 18	1.15742 3045392 84	0.21091 6274936 174	0.30700 7127168 862	0.74015 5658670 665
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 030.1	185.213 7551465 91	168.973 4152571 11	201.454 0950360 72	1.19222 3609433 11	0.25365 4848187 197	0.21890 7843731 306	0.63782 1316314 797
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.1	1502.50 1745261	1392.22 3108929 82	1612.78 0381592 17	1.15842 0924956 41	0.21215 9567666 862	0.20992 8879583 646	0.62547 8267173 914
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 040.2	1431.86 9906141 24	1320.90 0942325 23	1542.83 8869957 25	1.16802 0114544 96	0.22406 5119170 317	0.19490 8000657 832	0.60511 0602369 974
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1
AT1G01 046.1	26.4819 7670303 27	25.0801 6911969 23	27.8837 8428637 31	1.11178 6134826 32	0.15287 9295346 083	0.84805 9761138 364	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01050.1	2090.66 2682245 78	2154.43 4315082 69	2026.89 1049408 87	0.94079 9649921 595	- 0.08804 0571550 3222	0.61615 2665638 117	0.96238 3611932 376
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863
AT1G01060.1	3969.58 2113309 5	2960.31 4876377 11	4978.84 9350241 89	1.68186 4787415 82	0.75006 1725589 645	0.07882 4070831 3093	0.38005 5726670 863

Top differentially expressed genes: full table [GCShootCOL00-FLShootCOL00.txt](#)

[illegible]

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.1	395.201 1378869 56	412.578 6726339 43	377.823 6031399 69	0.91576 1352199 585	- 0.12695 6414530 344	0.55368 7307637 647	1
AT1G01 020.1	395.201 1378869 56	412.578 6726339 43	377.823 6031399 69	0.91576 1352199 585	- 0.12695 6414530 344	0.55368 7307637 647	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 020.2	363.706 4449403 75	376.902 5137118 26	350.510 3761689 25	0.92997 6223074 277	- 0.10473 4263926 198	0.62129 9668048 145	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 030.1	179.588 3967069 1	185.591 2293078 06	173.585 5641060 14	0.93531 1246945 4	- 0.09648 1559081 8291	0.72345 4179927 546	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.1	1375.99 0011616 03	1335.27 2605853 16	1416.70 7417378 9	1.06098 7405245 02	0.08540 7530429 4882	0.69015 4434434 756	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 040.2	1312.81 8975369 97	1279.49 9980979 52	1346.13 7969760 43	1.05208 1273756 56	0.07324 6157782 779	0.72230 2862625 366	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 046.1	23.4029 5407139 93	18.8015 9148803 54	28.0043 1665476 31	1.48946 5222802 23	0.57479 4438809 671	0.21716 8101435 746	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1
AT1G01 050.1	1868.19 6987102 64	1863.75 7669234 11	1872.63 6304971 18	1.00476 3835923 32	0.00685 6443911 24495	0.96773 0833965 398	1

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange	pval	padj
AT1G01010.1	118.578683941214	108.281904271015	128.875463611414	1.19018468024774	0.251185453033247	0.400053185297826	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.1	434.410020383361	447.860267154459	420.959773612264	0.9399355211546	-0.0893663024599503	0.815058511633379	1
AT1G01020.2	400.979414436291	415.076250462555	386.882578410026	0.932075920939562	-0.10148062251634	0.787772481967545	1
AT1G01020.2	400.979414436291	415.076250462555	386.882578410026	0.932075920939562	-0.10148062251634	0.787772481967545	1
AT1G01020.2	400.979414436291	415.076250462555	386.882578410026	0.932075920939562	-0.10148062251634	0.787772481967545	1
AT1G01020.2	400.979414436291	415.076250462555	386.882578410026	0.932075920939562	-0.10148062251634	0.787772481967545	1
AT1G01020.2	400.979414436291	415.076250462555	386.882578410026	0.932075920939562	-0.10148062251634	0.787772481967545	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 020.2	400.979 4144362 91	415.076 2504625 55	386.882 5784100 26	0.93207 5920939 562	- 0.10148 0622516 34	0.78777 2481967 545	1
AT1G01 020.2	400.979 4144362 91	415.076 2504625 55	386.882 5784100 26	0.93207 5920939 562	- 0.10148 0622516 34	0.78777 2481967 545	1
AT1G01 020.2	400.979 4144362 91	415.076 2504625 55	386.882 5784100 26	0.93207 5920939 562	- 0.10148 0622516 34	0.78777 2481967 545	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 030.1	206.058 8497719 84	210.029 8390423 19	202.087 8605016 5	0.96218 6427524 383	- 0.05561 1645790 8279	0.87112 5007104 46	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.1	1488.21 9577701 61	1472.45 8464481 31	1503.98 0690921 91	1.02140 7888372 39	0.03055 9106195 2533	0.94361 3083316 74	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 040.2	1419.39 6143496 97	1406.92 0220853 72	1431.87 2066140 21	1.01773 5081859 4	0.02536 2074354 1684	0.94964 5418625 212	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1

id	baseMe an	baseMe anA	baseMe anB	foldChan ge	log2Fold Change	pval	padj
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 046.1	25.5728 9265038 66	21.6173 5865192 84	29.5284 2664884 49	1.36595 9048202 72	0.44991 4231914 626	0.71765 1237074 553	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 050.1	1970.45 4053611 98	1934.81 1424363 15	2006.09 6682860 81	1.03684 3517461 2	0.05219 8176101 3057	0.72170 9504213 99	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1
AT1G01 060.1	5309.01 1368938 91	4396.08 2719107 61	6221.94 0018770 21	1.41533 7339246 71	0.50114 5953873 42	0.32422 5304532 532	1

Literature

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Benjamini, Y., and Hochberg, Y. (1995). Controlling the false discovery rate: a practical and powerful approach to multiple testing. *Journal of the Royal Statistical Society Series B*, 57, 289–300.

R session information

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stats, utils
Other packages: Biobase 2.16.0, BiocGenerics 0.2.0,
DESeq 1.8.3, locfit 1.5-8
Loaded via a namespace (and not attached): annotate 1.34.1,
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geneplotter 1.34.0, grid 2.15.0, IRanges 1.14.4, lattice 0.20-10,
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survival 2.36-14, XML 3.9-4.1, xtable 1.7-0
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