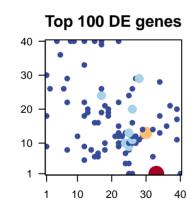
Chard_accfreeze_r2

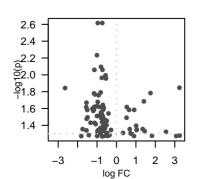
Global Summary

%DE = 0 # genes with fdr < 0.2 = 0 (0+/0 -) # genes with fdr < 0.1 = 0 (0+/0 -) # genes with fdr < 0.05 = 0 (0+/0 -) # genes with fdr < 0.01 = 0 (0+/0 -)

<FC> = 0 <p-value> = 0.54 <fdr> = 1

Portrait 40 30 20 10 1 10 20 30 40





Differentially expressed genes

Rank		log(FC) fdr			Description	Rai		
	ID		p-va	lue	Meta	gene		
Overexpressed O								
1	Vitvi10g01863	3.24	0.01	1	33 x 1		1	
	Vitvi12g00710	1.75	0.02	1	1 x 18	Catalysis of the transfer of an acyl group, other than amino-a	2	
3	Vitvi08g00636	1.41	0.02	1	4 x 40	The directed movement of malate into, out of or within a cell,	3	
4	Vitvi04g00614	0.53	0.02	1	7 x 29		4	
5	Vitvi17g00518	0.91	0.03	1	15 x 16	Enables the transfer of a substance, usually a specific substa	5	
2 3 4 5 6 7	Vitvi10g00662	0.65	0.03	1	12 x 33	Binding to ATP, adenosine 5'-triphosphate, a universally impo	6	
7	Vitvi15g00565	0.52	0.03	1	26 x 26	The part of the cytoplasm that does not contain organelles bu	7	
8	Vitvi01g01668	1.01	0.04	1	1 x 30		8	
9	Vitvi06g01585	1.35	0.04	1	12 x 18		9	
10	Vitvi07g00687	0.68	0.04	1	17 x 39	A membrane-bounded organelle of eukaryotic cells in which	10	
11	Vitvi13g00667	1.04	0.04	1	17 x 40	Binding to a metal ion.	11	
12	Vitvi04g01532	1.04	0.05	1	5 x 36		12	
13	Vitvi14g01859	1.45	0.05	1	32 x 1	Binding to ATP, adenosine 5'-triphosphate, a universally impo	13	
14	Vitvi12g02324	2.55	0.05	1	33 x 1	Binding to a protein.	14	
15	Vitvi11g00224	0.34	0.05	1	25 x 24	Binding to ATP, adenosine 5'-triphosphate, a universally impo	15	
16	Vitvi08g01143	0.72	0.05	1	32 x 6	Binding to a heme, a compound composed of iron complexed	16	
17	Vitvi13g00134	0.83	0.05	1	22 x 40	The component of a membrane consisting of the gene produc	17	
18	Vitvi04g01863	3.25	0.05	1	33 x 1		18	
19	Vitvi13g01358	1.83	0.05	1	1 x 9	Binding to ATP, adenosine 5'-triphosphate, a universally impo	19	
20	Vitvi15g00245	0.9	0.05	1	15 x 40		20	
Underexpressed Un								
1	Vitvi05q00301	-0.73	0.002	1	19 x 20	A membrane-bounded organelle of eukaryotic cells in which	1	
	Vitvi07g00233	-0.96	0.002	1		The process in which a solute is transported across a lipid bili		
3	Vitvi07g01172	-1	0.006	1	23 x 10		3	
2 3 4 5 6 7	Vitvi13g00001	-0.8	0.008	1	25 x 8	The membrane surrounding a cell that separates the cell from	2 3 4 5 6 7	
5	Vitvi09g00976	-0.72	0.009	1	17 x 24	The chemical reactions and pathways resulting in the formatic	5	
<u>6</u>	Vitvi12g02404	-1.13	0.009	1	16 x 7		<u>6</u>	
7	Vitvi07g00016	-0.56	0.010	1	26 x 11	A membrane-bounded organelle of eukaryotic cells in which	7	
8	Vitvi16g01370	-0.76	0.011	1	25 x 13	The control of the co	8	
9 10	Vitvi13g00245	-0.54	0.011	1	25 x 9	The part of the cytoplasm that does not contain organelles bu	9	
11	Vitvi04g01103 Vitvi15g01063	-2.64 -0.81	0.014 0.016	1	23 x 12 7 x 22	Binding to a protein. The component of a membrane consisting of the gene produce.	10 11	
12	Vitvi05g00709	-1.15	0.016	1	15 x 6	The component of a membrane consisting of the gene produc	12	
13	Vitvi03g00760 Vitvi03g00480	-1.11	0.017	1	22 x 13		13	
14	Vitvi07g01222	-0.92	0.017	1	13 x 20	,,,,,,,g,,	14	
15	Vitvi08g01640	-0.96	0.021	1	34 x 18	Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, (15	
16	Vitvi19g00256	-1.54	0.021	1	22 x 12	The membrane surrounding a cell that separates the cell from	16	
17	Vitvi14g02644	-0.7	0.023	1	28 x 11	·	17	
18	Vitvi09g00297	-1	0.024	1	26 x 10		18	
19	Vitvi18g02772	-1.13	0.024	1	24 x 10		19	
20	Vitvi06g01858	-0.87	0.024	1	17 x 26	A chlorophyll-containing plastid with thylakoids organized into	20	

Differentially expressed gene sets

	Rank	GSZ	p-value	#all	Geneset
	Overexp	ressed			
	1	10.42	0e+00	73	TranscriptToanfactiontion Ad20EREBP2 EREBP
nino-a	2	9.66	0e+00	64	TranscriptToanfactipition CatherstranCitrienttoanfactipition factors
a cell,	3	7.07	0e+00	140	Hormonelsigmating signthlytegne signyteing signaling
	4	5.5	0e+00	11	BiosyntheBiosyfratheosischafraseroetadaarlysmetaAbBlAstariosyAfblAelsiosynthes
substa	5	5.23	0e+00	18	Photosyn Pleasissy rathlesisa-paroteimsa proteins
y impc	6	5.06	0e+00	18	Energy mētadogljsmetalBblitosynPiessissaymildresaspanoteimaa proteins
lles bu	7	5.02	0e+00	48	TranscriptToanfactipitison Ya/RKY - WRKY
	8	4.78	0e+00	238	Enzyme -E2z4yr024ye02s4ltr@ihysfessyttessnsferases
	9	4.64	0e+00	47	Transport@iracestp.torte-catellogo-tl@etercstp.com/coalercers
which	10	4.16	0e+00	49	TranscriptToanfactipitison MaRCors - NAC
	11	3.86	8e-05	10	Photosyn Pleasis spratteis is Plateius ys Pelnoto (\$9750@ncthl (1976) blydhab) rophy
	12	3.67	3e-04	40	Transport Teasteror + stylsytenko-id Titaytyektorig peartyeviewy pathway
y impc	13	3.64	3e-04	29	Carotenoi@darioteynotilolelsiosynthesis
	14	3.14	2e-03	44	Hormonelskigmating signyttinkignin Gigokilmig signaling
y impc	15	3.12	2e-03	66	Exosome Ex Exosoma Exos em a Epoco em a logi ribitæcio de o c'alradad exretia no er cells
plexed	16	3.01	3e-03	75	Translatio Tranklatissom eRitiogenes Ision Endesis/ortesukaryotes
produc	17	2.94	4e-03	101	Starch an Stauchoasechsetabelismetabolism
	18	2.88	5e-03	223	Enzyme -Eðazlyn Arætin g. én Apætiptiglerlopedtid pelpatindæs (pseptidases)
y impc	19	2.85	5e-03	64	RibosomeRitiogenesisiongenesisiongenesisyotesukaryotes
	20	2.83	6e-03	195	CarbohydCatebofeytdbatësmmetaStalissim anStauchcasedrsetabsësmmetabol
	Underex	pressed	,		
which	1	-3.52	6e-04	41	Transport@irarastalunter-@inahagy-a@tiveatra.asspioveteirarastpio/itter cat D1
pid bil:	ż	-3.36	1e-03	247	TranslatioTran Slatisso meRibosome
	3	-3.25	1e-03	22	Transcriptioanfactipation (22/02/s-D/012/C2-DOF
ell from	4	-3.17	2e-03	105	Energy metaboglismetaloalidantive Okiolapilve rpladisprhorylation
ormatic	5	-3.03	3e-03	211	RibosomeRibosome
	5 6	-3.02	3e-03	67	RibosomeRibBsotteeia- Bacteria
which	7	-2.89	4e-03	72	RibosomeRib Mistorole on Milital d Dolodojala Shloroplast
	8	-2.73	8e-03	44	Energy mētabrgljsmmetalklühisogen iklietebehismmetabolism
lles bu	9	-2.69	8e-03	33	Carbohyd Cateborin, talbat iš smeta Aroli soos ugʻarrsi moe tagao iš smetaboli sm
	10	-2.41	2e-02	48	Lipid metalipoidismetalisattişnacid Flaittiş yardıldelsi issynthesis
produc	11	-2.39	2e-02	50	TranscriptToarrfactiontion Months at Market Brelated
produc	12	-2.33	2e-02	19	Cofactors Confd citions raim of neitabroitisme talbolisten bid Sylatteelsis synthesis
C-N, (13	-2.23	3e-02	24	Folate bidsylatteelsiesynthesis
	<u> 14</u>	-2.21	3e-02	97	RibosomeRib Aschaeea Archaea
C-N, (15	-2.18	3e-02	71	Amino acikhmiretoakucibismetaBbeisnylalaPilireenyhaltanbioeismetabolism
ell from	16	-2.17	3e-02	33	alpha-Lindleheic biridleheitabridismetabolism
	17	-2.14	3e-02	18	Chaperon@haptes@n2@ – HSP20
	18	-2.14	3e-02	25	Transcription factipition fability of CNAT
	19	-2.09	4e-02	38	Lipid metalipoidismetalistilismipidEthetalipoidismetabolism

