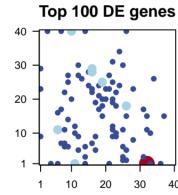
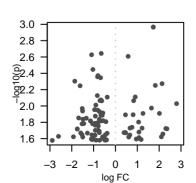
Chard_acclim_r1

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 -)

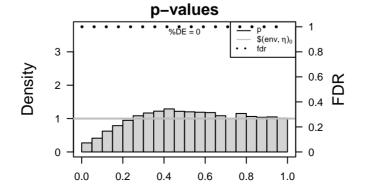
<FC> = 0 <p-value> = 0.46 <fdr> = 1





Differentially expressed genes

Rank		log(FC) fdr		fdr	Description		R		
ID		p-value		Metagene					
Overexpressed									
1	Vitvi07g02817	1.73	0.001	1	32 x 1		0 1		
2	Vitvi00g00048	1.73	0.001	1	32 x 1				
3	Vitvi14g01213	0.58	0.001	1	23 x 22	Catalysis of an oxidation-reduction (redox) reaction, a reversi	2 3		
4	Vitvi03g00936	2.13	0.002	1	21 x 1	Binding to a protein.	4		
5	Vitvi17g00427	1.82	0.005	1	26 x 40	Catalysis of the reaction: H2O + L-arginyl- + NH4+, resulting	5		
6	Vitvi04g00340	0.91	0.008	1	33 x 10	Catalysis of the reaction: N,N-dimethylaniline + NADPH + H+	6		
7	Vitvi02g01177	0.83	0.000	1	24 x 34	Catalysis of the reaction: a phosphoprotein + H2O = a protein	7		
8	Vitvi08g02122	2.8	0.009	1	14 x 40	Outdaysis of the reaction, a phosphoprotein 11120 = a protein	8		
9	Vitvi05g02122 Vitvi05g02197	1.65	0.009	1	32 x 1	A lipid bilayer along with all the proteins and protein complexe	9		
10	Vitvi18g03246	2.01	0.011	1	1 x 9	Binding to a protein.	1		
11	Vitvi09g00331	1.26	0.012	1	34 x 26	Binding to a protein.	i		
12	Vitvi14g02949		0.012	1	21 x 23	Reactions, triggered in response to the presence of a foreign	i		
13	Vitvi08g00650	0.46	0.013	1	22 x 20	The part of the cytoplasm that does not contain organelles bu	i		
14	Vitvi17g00576	1.06	0.016	1	7 x 40	The part of the cytopiash that does not contain organicies bu	i		
15	Vitvi04g01722	0.76	0.018	1	12 x 27	Binding to a protein.	1		
16	Vitvi04g01722 Vitvi04g01750	0.76	0.018	1	9 x 25	Any process that modulates the frequency, rate or extent of co	1		
17	Vitvi14g00459	1.22	0.019	1	36 x 1	The component of a membrane consisting of the gene produc	i		
18	Vitvi06g01100	2.3	0.019	1	1 x 29	Catalysis of the transfer of a glycosyl group from a UDP–suga	i		
19	Vitvi06g01100	2.36	0.019	1	32 x 1	Catalysis of the transfer of a glycosyl group from a UDP-suga	1		
20	Vitvi17g00662	1.07	0.019	1	37 x 15	Catalysis of the transfer of a glycosyl group from a ODF -suge	2		
20	VIIVI17900002	1.07	0.021	'	3/ 1/ 13				
Underexpressed							U		
1	Vitvi14g00557	-0.65	0.002	1	11 x 12		1		
2 3 4 5 6 7 8	Vitvi14g01005	-1.09	0.002	1	6 x 16	The contents of a cell excluding the plasma membrane and n	2 3 4 5 6		
3	Vitvi10g00116	-1.03	0.004	1	8 x 22	A lipid bilayer along with all the proteins and protein complexe	3		
4	Vitvi13g01803	-0.8	0.004	1	22 x 19	Binding to a metal ion.	4		
5	Vitvi14g00256	-0.82	0.004	1	16 x 23		5		
6	Vitvi01g00414	-0.68	0.005	1	26 x 18	A lipid bilayer along with all the proteins and protein complexe	6		
(Vitvi19g00256	-1.86	0.005	1	22 x 12	The membrane surrounding a cell that separates the cell from	7		
	Vitvi10g00288	-1.62	0.006	1	14 x 3	The component of a membrane consisting of the gene produc	8		
9	Vitvi19g00319	-0.83	0.007	1	28 x 8	A membrane–bounded organelle of eukaryotic cells in which	9		
10 11	Vitvi14g00608 Vitvi02g00735	-0.38 -0.67	0.008	1	20 x 23 12 x 30	The component of a membrane consisting of the gene produc A small, dense body one or more of which are present in the	1		
12	Vitvi16g00012	-0.71	0.008	1	23 x 18	A small, dense body one of more of which are present in the	1		
13	Vitvi18g00073	-0.63	0.009	1	32 x 15		i		
14	Vitvi14g00478	-0.9	0.010	1	24 x 24	Catalysis of the elimination of hydrogen sulfide or substituted	i		
15	Vitvi18g02603	-1.52	0.010	1	8 x 6	,	1		
16	Vitvi04g01212	-0.96	0.011	1	15 x 28	Binding to a protein.	i		
17	Vitvi09g00345	-0.82	0.011	1	11 x 10	The component of a membrane consisting of the gene produc	i		
18	Vitvi13g02024	-1.51	0.012	1	12 x 5	Any process that results in a change in state or activity of a co	1		
19	Vitvi16g01875	-0.73	0.012	1	16 x 22	-	1		
20	Vitvi06g01140	-0.58	0.012	1	17 x 19	The chemical reactions and pathways involving organic or inc	2		



Differentially expressed gene sets

set
se

	Nank	GSZ	p-value	#all	Geneset
	Overexp	ressed			
	1	7.29	0.000	18	Energy mētabrgljsmetalBbitans yn Piacsios symtheres as paroteins a proteins
	ż	6.72	0.000	18	Photosyn Pleasies y rathteeries - paroteims a proteins
reversi	3	6.31	0.000	47	Transport@iracestatorter-dated sport Televispoort deleviders n carriers
	4	6.12	0.000	78	Energy metaerglysmetaebbüsosynthesis
esulting	5	5.96	0.000	80	Cytoskele@mtoskeletotubulkisrotubules
H + H+	6	5.95	0.000	38	Photosyn Pleasis synthesis
protein	7	5.76	0.000	217	Cell motilitiel Regilitation englation cyttosketite toytoskeleton
	8	5.43	0.000	219	Cell grow@ethrendouthandouthaleCell cycle
mplexe	9	4.93	0.000	10	PeptidaseReputidasslesis istorics in Hilbitritys A1F. apreitys i A1a poetrys in family
	1 0	4.66	0.000	10	Photosyn (Pleasis symutteissis (Plauteiss ys (Plnoto(SY) 50 2 noth) (CP7) (Dytthalorophyl
	11	4.57	0.000	24	Replication printerine
oreign	12	4.51	0.000	40	Transport Transtaport Sytsyterkoid Tlaydektoid teatheriang pathway
elles bu	13	4.4	0.000	26	Steroid bi 6teyratidelsie synthesis
J00 D0	14	3.3	0.000	66	Exosome Exosom
	15	3.2	0.001	36	DNA replication
ent of ce	16	3.16	0.001	31	Chromos@heoarusbasseoriadealssactizitesd-p@erie.sile@eing silencing
produc	17	3.13	0.002	41	PorphyrinRoetalabolismetabolism
P-suga	18	3.13	0.002	113	Exosome Exosome Exosome Exosome Industrial control to the control of the control
r–suga P–suga	19			113	Transcriptioanisactipition (aRtiors – GRF
r –suge	20	2.94 2.82	0.004	22	Fatty acidFattyngationelongation
	20	2.02	0.006	22	ratty acid cauyigonium cionigation
	Underex	pressed	,		
	1	-7.41	0e+00	140	Hormonelskigmating signthlytegne Sittmateling signaling
and n	Ż	-7.03	0e+00	73	TranscriptToanfactipition AR20EREBP2 EREBP
mplexe	3	-6.06	0e+00	49	TranscriptToanfactipitison MACOrs - NAC
	4	-5.01	0e+00	48	TranscriptToanfactipitison Tal@Notes - WRKY
	3 4 5 6	-4.8	0e+00	64	TranscriptToanfactipition CatherstranOsthreptilioanfactipitison factors
mplexe		-4.44	0e+00	45	Galactos@aleatbs@smetabolism
ell from	7	-4.37	0e+00	26	TranscriptToanfactiptison @2tdilse- G2-like
produc	8	-3.76	1e-04	153	Plant-pat Plagen pate cage in interaction
which	9	-3.32	1e-03	77	Carbohyd Cateboring telbatilism et al Galiacotos @ railetat bolism et a bolism
produc	10	-3.05	2e-03	58	Other am Dithecials immetalcidlismmetalGbblismthien Celutættaibolismetabolism
in the	11	-2.91	4e-03	32	Carbohyd Catebofe,tdbatësmetaBodisameaReopetabatësm etabolism
	12	-2.86	5e-03	18	Chaperor@hapt86020 - HSP20
	13	-2.8	6e-03	15	Chaperon@hapts@n7@ / DISLRR0 / DNAK
tituted	14	-2.51	1e-02	111	Hormonelsligmanding sightbullnoggnahlbolg signaling
	15	-2.5	1e-02	28	Transcriptionantsuction Brastorseu Basici popularin (6/21/9) per (6/21/9)
	<u> 16</u>	-2.5	1e-02	29	Other am@dhecialsnimetabidlismetaBetarralanBetarraltarbiolismetabolism
produc	17	-2.44	2e-02	16	Transcription factipition fall for - HSF
of a ce	18	-2.43	2e-02	77	Pores ion Robrastriets (TiGnt)els [TC:1]
!	19	-2.4	2e-02	71	Exosome Ex Psotei as-fi Pould imsrfoost de ino sooste sexosomes
c or inc	20	-24	2e-02	162	Plant spe Elfansismedific sid Plahite pat Planterpiatecardio mteraction

