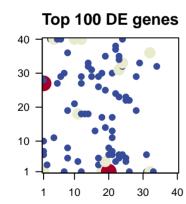
Riesl_acclim_r2

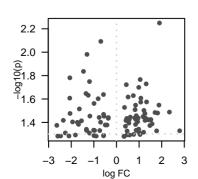
Global Summary

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 > = 0.47< fdr > = 1

Portrait 40 30 · 20 10 10 20 30





Differentially expressed genes

Description

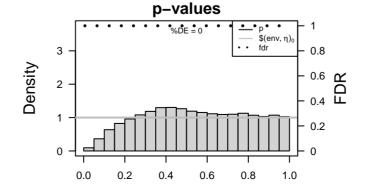
log(FC) fdr

Rank

Vitvi00g00710 -2.35

	ID		p-value		Metagene						
Ove	rexpressed						Overexpressed				
1	Vitvi08g01995	1.9	0.006	1	5 x 40	The component of a membrane consisting of the gene produc	1	7.52	0.000	18	Energy m Etæbg lj
2	Vitvi01g02299	1.05	0.017	1	17 x 29	The component of a membrane consisting of the gene produc	ż	7.36	0.000	47	Transport@racesta
3	Vitvi13g01379	1.31	0.019	1	22 x 38	The contents of a cell excluding the plasma membrane and n	3	7.26	0.000	18	PhotosyntPleasies
4	Vitvi06g01122	0.44	0.019	1	23 x 23	Catalysis of a biochemical reaction at physiological temperatu	4	5.77	0.000	38	PhotosyntPleasies
5	Vitvi09g00590	0.99	0.020	1	24 x 32	Binding to a protein.	5	5.09	0.000	78	Energy metabogi
6	Vitvi04g01558	0.75	0.023	1	24 x 33	The contents of a cell excluding the plasma membrane and n	6	4.6	0.000	217	Cell motilifiell file
7	Vitvi07g01757	0.51	0.024	1	25 x 22	A small, dense body one or more of which are present in the	7	4.38	0.000	10	PhotosyntPleasies
8	Vitvi09g01455	1.08	0.025	1	10 x 40	Binding to ATP, adenosine 5'-triphosphate, a universally impo	8	3.16	0.002	11	Transcript Toanfac
9	Vitvi13g01884	1.33	0.027	1	12 x 40	Binding to ATP, adenosine 5'-triphosphate, a universally impo	9	3.16	0.002	26	Steroid bi Steyroti o
10	Vitvi07g01338	1.07	0.027	1	23 x 35		10	2.92	0.004	41	Porphyrin Poetal
11	Vitvi05g00090	1.88	0.028	1	4 x 40		11	2.87	0.005	21	Thiamine Theatab
12	Vitvi05g01886	0.85	0.028	1	21 x 30		12	2.8	0.006	80	Cytoskele@yntosk
13	Vitvi08g02140	0.36	0.030	1	23 x 31	A membrane-bounded organelle of eukaryotic cells in which	13	2.77	0.007	101	Starch an Stauch
14	Vitvi07g01316	0.82	0.031	1	5 x 27		14	2.68	0.008	40	Transport Transport
15	Vitvi14g00369	1.21	0.031	1	1 x 27	The component of a membrane consisting of the gene produc	15	2.62	0.010	12	ABCB (MARCIA
16	Vitvi07g02092	2.34	0.032	1	12 x 40	The initial step of transcription, consisting of the assembly of	16	2.47	0.015	41	TranscriptTomnsd
17	Vitvi02g00172	1.71	0.033	1	1 x 28		17	2.47	0.015	31	Chromos@heoan
18	Vitvi08g02114	1.82	0.033	1	32 x 1		18	2.43	0.016	66	ExosomeEx Exo
19	Vitvi05g01400	1.26	0.033	1	28 x 29	Catalysis of the reaction: a very long chain fatty acyl-CoA + N	19	2.41	0.018	28	TranscriptToanfac
20	Vitvi10g01131	0.88	0.035	1	8 x 36		20	2.37	0.019	90	Lipid metalipoidism
Und	erexpressed						Undere	expressed	1		
1	Vitvi04g01228	-0.69	0.008	1	20 x 6	A lipid bilayer along with all the proteins and protein complexe	1	-10.13	0e+00	48	Transcript Toentsc
2	Vitvi14g01365	-1.3	0.010	1	8 x 19	Binding to ATP, adenosine 5'-triphosphate, a universally impo	2	-7.6	0e+00	162	Plant spe Piliansi
3	Vitvi10g00313	-1.46	0.015	1	16 x 13		3	-7.26	0e+00	73	Transcript Toanfac
4	Vitvi04g00031	-2.06	0.017	1	20 x 1	Binding to ATP, adenosine 5'-triphosphate, a universally impo	4	-7.16	0e+00	153	Plant-pathbagete
5	Vitvi15g01674		0.018	1	21 x 11		5	-6.55	0e+00	49	Transcript Toanfac
6	Vitvi10g01361		0.023	1	11 x 4	The space external to the outermost structure of a cell. For ce	6	-6.29	0e+00	140	Hormone Hogmad
7	Vitvi13g00932	-0.57	0.023	1	23 x 6		7	-5.66	0e+00	64	Transcript Toentsc
8	Vitvi04g00531		0.023	1	17 x 3		8	-4.52	0e+00	77	Pores ion Robrassi
9	Vitvi12g02725	-2.07	0.025	1	21 x 13		9	-4.46	0e+00	45	Galactos@alatat
10	Vitvi06g00450	-0.81	0.025	1	19 x 4	Catalysis of the transfer of ubiquitin from one protein to anoth	10	-4.21	0e+00	11	Biosynthe Biosyfn
11	Vitvi02g00467	-0.99	0.027	1	22 x 4	Binding to an amino acid, organic acids containing one or mo	11	-4.09	0e+00	56	Hormonelsignad
12 13	Vitvi13g00161 Vitvi04g01888	-2.05	0.031	1	12 x 1 20 x 1	A lipid bilayer along with all the proteins and protein complexe	12 13	-3.9 -3.82	4e-05 1e-04	58 26	Other am@theci FlavonoidFthassyn
14	Vitvi04g01060 Vitvi08g00262	-0.57	0.033	1	25 x 5	A lipid bilayer along with all the proteins and protein complexe	14	-3.52 -3.52	6e-04	83	TranscriptToanfac
15	Vitvi03g01605	-1.18	0.034	1	8 x 8	The component of a membrane consisting of the gene produc	15	-3.52 -3.5	6e-04	111	Hormone Higgmad
16	Vitvi12g02020	-0.55	0.035	1	21 x 6	The component of a membrane consisting of the gene produc	16	-3.45	8e-04	38	Protein – Koltodopie
17	Vitvi10g00636	-0.77	0.036	1	26 x 1	A transcription regulator activity that modulates transcription (17	-3.34	1e-03	71	ExosomeEx Psot
18	Vitvi18g01683	-0.36	0.036	1	22 x 24	A lipid bilayer along with all the proteins and protein complexe	18	-3.24	1e-03	118	TranscriptToanfac
19	Vitvi08g01394		0.037	1	24 x 6	A membrane–bounded organelle of eukaryotic cells in which	19	-3.13	2e-03	17	Proteasor Prote A
÷ ~	100.00746					• • • • • • • • • • • • • • • • • • • •					01

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Differentially expressed gene sets

	Rank	GSZ	p-value	#all	Geneset
	Overexp	ressed			
produc	1	7.52	0.000	18	Energy mietaebroglysmmetal@bobisons.ym.nPriecosiosaymiterensais.panoteimsa proteins
produc	2	7.36	0.000	47	Transporterando ter-datalogo et Telenciporto el entero carriers
and n	3	7.26	0.000	18	Photosyn Phecetosy rathhesis a-paroteims a proteins
nperatu	4	5.77	0.000	38	Photosyn t Places synthesis
	5	5.09	0.000	78	Energy metabrolismetalebitisms yn Placisios yn thesis
and n	6	4.6	0.000	217	Cell motilitell metilidation education votos seine tonos keleton
in the	7	4.38	0.000	10	Photosyn Pleasis symuteis is Photeirs ys Penoto(\$7/50@nchl)(\$7/50@nchl)
ly impc	8	3.16	0.002	11	Transcription (aBlors - GRF
ly impo	9	3.16	0.002	26	Steroid bi 6teyrolidelsie synthesis
, _F -	10	2.92	0.004	41	PorphyrinProeptalpolismetabolism
	11	2.87	0.005	21	Thiamine Thistatiolism
	12	2.8	0.006	80	Cytoskeletorioskeletotubulleisrotubules
which	13	2.77	0.000	101	Starch an 8 taruch costed restable is metabolism
WITHOUT	14	2.68	0.007	40	Transport Translation of Transport T
produc	15			12	ABCB (MPIRCIDA FIVE Substitution in a substance of the su
	. •	2.62	0.010		
bly of	16	2.47	0.015	41	Transcriptions distinct and the second of th
	17	2.47	0.015	31	Chromos@heoarrosbasseoriadedsprodriented-p@deriessileGeing silencing
	18	2.43	0.016	66	Exosome Ex Exosoma Exosteina lotifolia independent and certain cercells
1 + Ao	19	2.41	0.018	28	Transcription factorism MTERF
	20	2.37	0.019	90	Lipid metalipoidismetaGbjisenopk@lyphodipinobspetalipoidismetabolism
	Underex	pressea	1		
mplexe	1	-10.13	0e+00	48	TranscriptToanfactipitison taleRts - WRKY
ly impc	2	-7.6	0e+00	162	Plant spe Elfansignadifig sig Plahin gpatPlagetnpiatecagetioninteraction
	2 3 4 5 6 7	-7.26	0e+00	73	TranscriptToanfactipition ARCOEREBP2 EREBP
ly impc	4	-7.16	0e+00	153	Plant-patRoogotepatecogotionimteraction
	5	-6.55	0e+00	49	TranscriptToarrfactipttion Nations - NAC
For ce	6	-6.29	0e+00	140	Hormonel signating signaling signaling
		-5.66	0e+00	64	TranscriptToanfactipition CatherstranCathreptionnfactipition factors
	8	-4.52	0e+00	77	Pores ion Robrassriels (Ti@nth]els [TC:1]
	9	-4.46	0e+00	45	Galactos@alatatbs@smetabolism
anoth	10	-4.21	0e+00	11	Biosynthe Biosynthesis dafra ero etabarljs meta ABIA strios yABIA etsis synthes
or mo	11	-4.09	0e+00	56	Hormonel signating signating natesignaling signaling
	12	-3.9	4e-05	58	Other am Othecials immetalcidlismmetalGbblismthien Odutættaibolismmetabolism
mplexe	13	-3.82	1e-04	26	Flavonoid Flavos y rotidels is synthesis
	14	-3.52	6e-04	83	Transcription factions - MYB
produc	15	-3.5	6e-04	111	Hormone Hormating sighta Ansignal Bolg signaling
produc	<u> 16</u>	-3.45	8e-04	38	Protein – Montagieren Ghrapedia teed na etolip teedga u(Colof Ana) gy (CMA)
iption (17	-3.34	1e-03	71	Exosome Ex Psotei as-f Pronte imsrfrount de ino source exosomes
mnlove	1Ω	3 24	10 03	110	Transcripting for tinting the light translation of the light translatio

