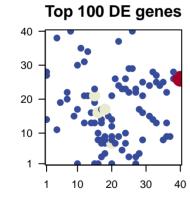
Riesl_accfreeze_r3

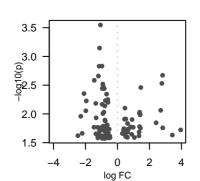
Global Summary

%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> = 0.45 <fdr> = 1

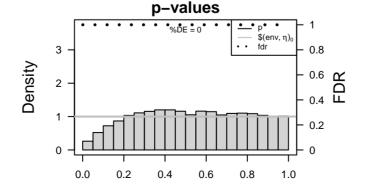
Portrait 40 30 20 10 1 10 20 30 40

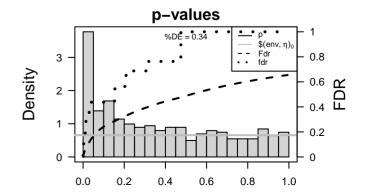




Differentially expressed genes

Rank ID		log(F	og(FC) fdr p-value		Meta	Description gene	Rank	GSZ	p-value	#all	Geneset	
Ove	rexpressed						Overexp	Overexpressed				
1	Vitvi12g02236	2.82	0.002	1	1 x 27		1	10.74	0e+00	80	Cytoskele@yntoskMeletotubull@srotubules	
2	Vitvi16g01291	2.78	0.003	1	38 x 26	Catalysis of the transfer of an acyl group to an oxygen atom c	2	10.25	0e+00	219	Cell grow@ethngtroulerthnanedOutellanthnoteCell cycle	
3	Vitvi17g00374	1.46	0.003	1	33 x 27	A transcription regulator activity that modulates transcription of	3	9	0e+00	217	Cell motilitel Regulation education cytoskeleton	
4	Vitvi17g00032	0.47	0.008	1	25 x 22	Binding to an RNA molecule or a portion thereof.	4	7.39	0e+00	144	RibosomeRib EstkamyeteEsukaryotes	
5	Vitvi13g00410	2.7	0.009	1	1 x 28	Any process that results in a change in state or activity of a ce	5	6.98	0e+00	24	Replication Republication Politein Republication Factors	
6	Vitvi18g00725	1.39	0.009	1	4 x 38	A membrane-bounded organelle of eukaryotic cells in which	6	6.69	0e+00	211	Ribosome Ribosome	
7	Vitvi14g01507	1.37	0.010	1	36 x 22	A membrane-bounded organelle of eukaryotic cells in which	7	6.16	0e+00	247	Translatio Tran Ribitisto meRibosome	
8	Vitvi12g02448	1.42	0.010	1	32 x 28	Catalysis of the transfer of a group, e.g. a methyl group, glyco	8	5.62	0e+00	36	DNA replication	
9	Vitvi19g00245	0.52	0.012	1	27 x 23	A small, dense body one or more of which are present in the	9	5.57	0e+00	44	Replication phytheirepublishione phytheirepublishio	
10	Vitvi18g00783	0.44	0.012	1	22 x 24	A membrane-bounded organelle of eukaryotic cells in which	10	5.51	0e+00	41	Replication	
11	Vitvi18g00499	0.91	0.013	1	29 x 16	The progression of biochemical and morphological phases ar	11	5.49	0e+00	11	TranscriptToanfactipttion Califors - GRF	
12	Vitvi10g01388	2.42	0.014	1	40 x 26		12	4.95	0e+00	18	Photosyn Plessissy authiesis a-proteimsa proteins	
13	Vitvi12g02297	0.63	0.015	1	10 x 30	Binding to a nucleic acid.	13	4.93	0e+00	206	Cell growtDedingtrodettthandOetdathall-Cell wall	
14	Vitvi10g00678	1.38	0.017	1	35 x 25	Binding to a metal ion.	14	4.9	0e+00	18	Energy mētaboglijsmetalBbbisosynfPlessissaymtibressissproteimaa proteins	
15	Vitvi05g01057	0.82	0.017	1	31 x 24	The action of a molecule that contributes to the structural inte	15	4.42	0e+00	47	Transporterareatatorger-dated egort Teterasport deleriteren carriers	
16	Vitvi06g00243	0.98	0.017	1	8 x 40	Binding to ATP, adenosine 5'-triphosphate, a universally impo	16	4.24	0e+00	113	Exosome Ex Exosomena Epocoste in a lopi root boins cot a localor recordate localor r	
17	Vitvi12g00248	2.83	0.017	1	38 x 28	The membrane surrounding a cell that separates the cell from	17	4.09	0e+00	97	RibosomeRibAschaeea Archaea	
18	Vitvi10g01578	1.44	0.018	1	22 x 37	The chemical reactions and pathways involving carbohydrate:	18	3.65	3e-04	66	Exosome Ex Esxosra ma Epxasteina lopinolaeidale o calcular del exetta no er cells	
19	Vitvi17g00335	0.4	0.018	1	25 x 29	Binding to a protein.	19	3.5	7e-04	65	Phagosor Rbagosome	
20	Vitvi15g01351	0.44	0.018	1	24 x 23	The action of a molecule that contributes to the structural inte	20	3.36	1e-03	26	Steroid bi 6tsyntildelsie synthesis	
Und	erexpressed							Underexpressed				
1	Vitvi09g01593	-1.06	3e-04	1	12 x 21	Binding to ADP, adenosine 5'-diphosphate.	1	-4.63	0e+00	26	Flavonoid Flavosynotidelsios synthesis	
2	_			1	23 x 5	The component of a membrane consisting of the gene produc	2	-4.48	0e+00	92	Lipid metalipoidismeta@bylisenolip@dyccentalipoidismetabolism	
3	Vitvi02g00527		1e-03	1	15 x 13	The component of a membrane consisting of the gene produc	3	-3.95	4e-05	162	Plant spe@lfansignedifig.sig?lahitepatPlægenpatboggetointeraction	
4	Vitvi03g00602	-1.15	1e-03	1	22 x 9	Binding to a zinc ion (Zn).	4	-3.85	8e-05	48	TranscriptToanfactipition YalfRen's - WRKY	
5	Vitvi18g00342	-1.19	2e-03	1	36 x 13	A lipid bilayer along with all the proteins and protein complexe	5	-3.76	1e-04	45	Galactos @alatatbs esmetabolism	
6	Vitvi08g01001	-1.45	3e-03	1	17 x 13	Catalysis of the transfer of a glycosyl group from a UDP-suga	6	-3.41	9e-04	28	TranscriptToanfactipation Bassicrsteu@asizippperin(bZlip)per (bZIP)	
7	Vitvi02g01232	-0.92	3e-03	1	20 x 21	Catalysis of the reaction: (1,4-alpha-D-glucosyl)(n+1) + H2C	7	-3.27	1e-03	58	Other am@thecialsnimetabidlismeta@dultarthier@lutattaibolismetabolism	
8	Vitvi17g00073	-0.89	3e-03	1	13 x 21	Binding to an RNA molecule or a portion thereof.	8	-3.15	2e-03	77	CarbohydCateborheytelbatlësmmetalGallisotoseGalletztbosësmmetabolism	
9	Vitvi00g00935		4e-03	1	17 x 8		9	-3.02	3e-03	43	Transcriptionriscription Bactions – BZIP	
10	Vitvi07g02534	-0.83	4e-03	1	9 x 15		10	-2.82	6e-03	26	Glycosyltr@ilysfessylteenstreydrs.epholblycdroopleobile molecule	
11	Vitvi13g01890		4e-03	1	4 x 11	Binding to ADP, adenosine 5'-diphosphate.	11	-2.8	6e-03	153	Plant-pathagenpathagenionnteraction	
12	Vitvi01g00301		5e-03	1	21 x 7		12	-2.73	8e-03	51	Biosynthe&iosyfntheesisdafrajeroetadarljsmetaAokismbio&yuntlmelsiosynthesis	
13	Vitvi16g00173		6e-03	1	15 x 23	A membrane–bounded organelle of eukaryotic cells in which	13	-2.7	8e-03	44	Energy miletæbrglismmetallsitilrismgen ilslætrebjelismmetabolism	
14	Vitvi01g01405		6e-03	1	18 x 8	Binding to a metal ion.	14	-2.69	8e-03	42	Tryptopha iryptdabelism etabolism	
15	Vitvi17g01493 Vitvi13g00246		6e-03	1	1 x 14	Catalysis of the hydrolysis of phosphoric monoesters, releasing	15	-2.64	9e-03	108 77	CarbohydCatdbothstdissmetaBothsvate Phystalbatissmetabolism Pores ionRobrasriels (TiGnthels [TC:1]	
16 17	Vitvi13g00246 Vitvi13g02268		6e-03 7e-03	1	15 x 20 16 x 10	Catalysis of the flydrolysis of phospholic monoesters, releasif	16 17	-2.53 -2.51	1e-02 1e-02	77 49	TranscriptTomnfacutipution Maktors – NAC	
18	Vitvi08g00904	-0.96		1	10 x 10	The component of a membrane consisting of the gene produc	18	-2.51 -2.49	1e-02 1e-02	49 15	Stilbenoic Stillanylloeoptainoytheptaginidenotbijosyentolesiosynthesis	
19	Vitvi15g01147		7e-03	1	14 x 16	The component of a membrane consisting of the gene produc	19	-2.36	2e-02	57	Glyoxylat Shroxtydiatar hoxylythica mbextytratismetabolism	
20	Vitvi19g00064		9e-03	1		Binding to ADP, adenosine 5'-diphosphate.	20	-2.33	2e-02 2e-02	13	Peptidasesequidasisis isos in lifiaitoity 6 1. apaipaio fapaigain family	





Differentially expressed gene sets