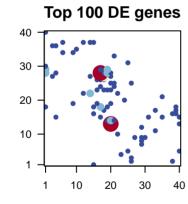
CabFra_accfreeze_r1

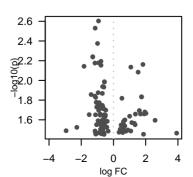
Global Summary

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> = 0.5 < fdr > = 1

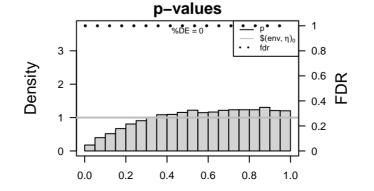
Portrait 40 30 20 10 10 20 30





Differentially expressed genes

Rank ID		log(FC) fdr p-value		Meta	Description gene	Ra		
	Over	expressed						Ove
	1	Vitvi15g00812	1.83	0.007	1	4 x 15	Catalysis of an oxidation-reduction (redox) reaction, a reversi	1
	2	Vitvi01g00104	1.08	0.007	1	17 x 18	Catalysis of the random hydrolysis of (1->4)-alpha-D-galact	2
	3	Vitvi18g01545	1.53	0.008	1	6 x 37	Binding to ATP, adenosine 5'-triphosphate, a universally impo	3
	3 4	Vitvi00g01872	1.74	0.015	1	20 x 13		4
	5	Vitvi14g03131	1.74	0.015	1	20 x 13		5
	6	Vitvi14g01026	0.52	0.015	1	19 x 18	The part of the cytoplasm that does not contain organelles bu	5 6 7
	5 6 7 8 9	Vitvi10g02111	1.61	0.020	1	20 x 14		7
		Vitvi00g01858	1.61	0.020	1	20 x 14		8
		Vitvi01g02070	1.95	0.021	1	20 x 13	The formation of a protein dimer, a macromolecular structure	9
	10	Vitvi13g01939	2.02	0.022	1	19 x 14		10
	11	Vitvi17g00470	1.9	0.022	1	3 x 36	The formation of a protein dimer, a macromolecular structure	11
	12	Vitvi12g00710	1.68	0.022	1	1 x 18	Catalysis of the transfer of an acyl group, other than amino-a	12
	13	Vitvi08g01470	1.36	0.022	1	10 x 35	A membrane-bounded organelle of eukaryotic cells in which	13
	14	Vitvi18g01144	1	0.023	1	22 x 10	Binding to ATP, adenosine 5'-triphosphate, a universally impo	14
	15	Vitvi12g00175	0.71	0.025	1	6 x 34	Catalysis of an oxidation-reduction (redox) reaction in which I	15
	16	Vitvi07g02028	0.68	0.025	1	9 x 34	Binding to a metal ion.	16
	17	Vitvi16g01259	2.58	0.025	1	20 x 13		17
	18	Vitvi02g00123	0.62	0.026	1	12 x 37	A lipid bilayer along with all the proteins and protein complexe	18
	19 20	Vitvi03g01084	1.14	0.027	1	21 x 14	Reactions, triggered in response to the presence of a foreign	19
		Vitvi02g01474	1.3	0.027	1	4 x 36	Catalysis of an oxidation-reduction (redox) reaction, a reversi	20
	Unde	Inderexpressed						Und
1232 567 869 11111111111111111111111111111111111	1	Vitvi11g01035	-0.93	0.002	1	20 x 25	Binding to a protein.	1
		Vitvi01g01049	-1.14	0.003	1	18 x 27	The component of a membrane consisting of the gene produc	2
	3	Vitvi03g00793	-0.99	0.004	1	18 x 28	The component of a membrane consisting of the gene produc	3
	4	Vitvi02g01704	-1.29	0.006	1	17 x 28		4
	5	Vitvi00g01904	-1.29	0.006	1	17 x 28		4 5 6 7
	6	Vitvi17g01330	-0.78	0.006	1	14 x 27	The component of a membrane consisting of the gene produc	6
	7	Vitvi14g00095	-0.92	0.007	1	17 x 28	Binding to a protein.	7
		Vitvi11g00205	-1.15	0.007	1	17 x 28	Binding to a zinc ion (Zn).	8
	9	Vitvi07g01225	-0.77	0.007	1	19 x 28	Any process involved in the conversion of a primary ribosoma	9
	10	Vitvi03g00172	-1.83	0.007	1	38 x 2	A membrane–bounded organelle of eukaryotic cells in which	10
	11 12	Vitvi00g02035 Vitvi07g02945	-0.56 -0.56	0.010 0.010	1	14 x 22 14 x 22		11
	13	Vitvi07g02946 Vitvi03g00046	-0.67	0.010	1	25 x 5	The chemical reactions and pathways resulting in the formation	12 13
	14	Vitvi03g00283	-0.6	0.012	1	17 x 24	The process in which a SUMO protein (small ubiquitin-related	14
	15	Vitvi05g01090	-0.95	0.012	1	16 x 26	The present in miles a come present (email abiquitit relates	15
	16	Vitvi05g00496	-0.69	0.013	1	18 x 26	Binding to a metal ion.	16
	17	Vitvi01g01991	-1.39	0.014	1	18 x 27	<u> </u>	16 17
	18	Vitvi12g00027	-1.16	0.014	1	39 x 18	Catalysis of the reaction: phosphatidylglycerophosphate + H2	18
	19	Vitvi03g00259	-1.11	0.015	1	26 x 2	Binding to an RNA molecule or a portion thereof.	19
	20	Vitvi00g00386	-1.07	0.017	1	1 x 28		20



Differentially expressed gene sets

	Rank	GSZ	p-value	#all	Geneset
	Overexpi	ressed			
ersi	1	8.45	0e+00	73	Transcription factipition factorische REBP2 EREBP
lact	ż	7.63	0e+00	64	Transcription factors attherstran@threptionnfactipition factors
npc	3	7.54	0e+00	140	Hormonelskigmating signthlyingne sittmeting signaling
	4	4.61	0e+00	111	Hormonelskigmating sighta Ansignal Brig signaling
	5	4.3	0e+00	170	Transcriptioan/sactipition Catherszf-Othe024f-C3HC4
s bu	6	4.07	0e+00	49	Transcription MACOrs - NAC
	7	4.06	0e+00	11	Biosynthe3issynthesisdafryenetabarlysmetaAbBlAstriosyNBAcksissynthesis
	8	4.06	0e+00	48	Transcriptioanfactipition takets - WRKY
ure	9	3.56	5e-04	18	Photosyn Piecsios y rathlessis a-proteins a proteins
	10	3.13	2e-03	18	Energy m EtæbrglysmetaBbüsosyntPlessissaymteresasproteims a proteins
ure	11	3.02	3e-03	74	Transcription Cachins - C2H2
o–a	12	2.59	1e-02	29	Carotenoi@atriotexynotitolesiosynthesis
ich	13	2.56	1e-02	12	Transcription faction action of Cartherns Orthhans zf-b box
npc	14	2.53	1e-02	29	Transcription faction factorism fact
ich I	15	2.45	2e-02	51	Plant spe Elfantsispredifig si@iatiandian@hythutia n rhythm
	16	2.33	2e-02	47	Transporterarestatorer-dates gort Teteratportoelerieron carriers
	17	2.31	2e-02	128	Ubiquitin kilositeuritin Siistellen Rin Sijn film gildir type fir type E3
lexe	18	2.19	3e-02	17	Kinase – Krukelsteamilika K family
ign	19	2.17	3e-02	10	Transcription G2C2s-GC2C2-CO
ersi	20	2.12	4e-02	100	Plant speElfantsgreadifig sigflaliveg deVelopmdentelopment
	Underex	pressed			
	1	-4.6	0e+00	211	Ribosom@ibosome
duc	2	-4.1	0e+00	219	Cell grow@ethand@ethand@ethathadeCell cycle
duc	3	-3.96	4e-05	26	Flavonoid Flavos y notifices is synthesis
	4	-3.89	8e-05	24	Tropane pTpepriatheepipretiplymistianeclaphyalldidebiadsaylutidelsissynthesis
	5	-3.65	3e-04	15	StilbenoicStillan, rilloico taia o itha ptagiori glear o bhigio sgrent blessios synthesis
duc	5	-3.62	3e-04	45	Galactos @aletatos is smetabolism
	7	-3.49	7e-04	24	Replication phyteinephyteinephyteinephyteinem Faitiation Factors
	8	-3.46	8e-04	81	Enzyme -E4z2/n0arb4r2-o2qdaonlyaxegen lyases
oma	9	-3.35	1e-03	247	TranslatioTranRibtisomeRibosome
ich	10	-3.32	1e-03	144	RibosomeRibEsukarreyoteEsukaryotes
	11	-3.25	1e-03	72	RibosomeRibbsitumbondulite/d2bloodoja/aShloroplast
	12	-3.23	1e-03	131	Enzyme -Ethztyn Alextingt. on Alloring Hor Otheg Colleg Odflegor opsof donors
natio	13	-3.23	1e-03	67	RibosomeRibBacteria-Bacteria

-3.19 2e-03

-3.12

-2.92

-2.74

-2.53

-2.52

-3.13 2e-03

2e-03

4e-03

7e-03

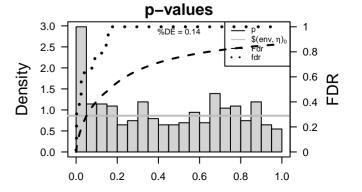
1e-02

1e-02

97

41

11



RibosomeRibAschaea Archaea

Replication Replication Replication

Lipid metalminismeta6@llsr6ter6@tlsc9termie Innetabolismetabolism

Amino aciAhniredatoridismetaBblësrylalaPlireenyhetterbiolësmetabolism

Chromos@heoarrosasseaiatealsscotiaiteal-p@eeiasile@eing silencing

Cofactors@orfd.ctitesnam.edneitabroitismmetalbiblispoinent.ebbiojoxisyortleelsissynthesis

Hormonelsignating signalingsignating signaling