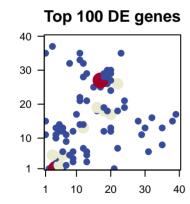
# CabFra\_accfreeze\_r2

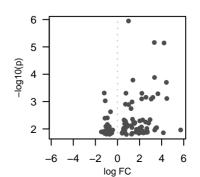
## **Global Summary**

%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> = 0.45 <fdr> = 1

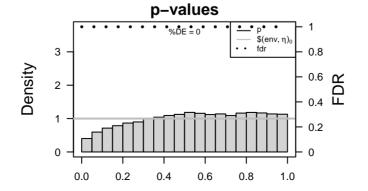
# Portrait 40 30 20 10 1 10 20 30 40





## Differentially expressed genes

Rank		log(FC) fdr		Description			
ID		p-value		lue	Metagene		
Overexpressed			•				c
	•		4		40 40	The fermation of a protein dimer a macromologular structure	
1	Vitvi12g00556	1	1e-06	1	18 x 18		1
2	Vitvi14g00063	3.34	7e-06	1	9 x 3	Catalysis of the transfer of a glycosyl group from one compou	3
3	Vitvi16g01022	4.22	7e-06	1	1 x 15	Any process that results in a change in state or activity of a co	
4	Vitvi06g01559	3.35	1e-04	1	21 x 1	The component of a membrane consisting of the gene produc	4
5	Vitvi18g00997	1.4	2e-04	1	20 x 17	A lipid bilayer along with all the proteins and protein complexe	5
6	Vitvi04g01685	4.43	2e-04	1	4 x 1		6
7	Vitvi08g00639		5e-04	1	18 x 18		7
8	Vitvi05g00857	2.21	5e-04	1	4 x 13	The component of a membrane consisting of the gene produc	8
9	Vitvi09g00559	3.66	5e-04	1	4 x 4		9
10	Vitvi06g01601	2.58	7e-04	1	1 x 11	A lipid bilayer along with all the proteins and protein complexe	1
11	Vitvi14g00065	3.21	7e-04	1	4 x 1	Catalysis of the transfer of a glycosyl group from one compou	1
12	Vitvi17g00819	4.47	8e-04	1	5 x 2	Binding to a zinc ion (Zn).	1
13	Vitvi04g00042	2.19	8e-04	1	9 x 6	The component of a membrane consisting of the gene produc	1
14	Vitvi03g01517	3.05	8e-04	1	6 x 12	Binding to a heme, a compound composed of iron complexed	1
15	Vitvi14g01675	1.32	1e-03	1	20 x 17	The contents of a cell excluding the plasma membrane and n	1
16	Vitvi11g01505	0.72	1e-03	1	16 x 19		1
17	Vitvi11g00547	1.01	1e-03	1	12 x 13	The component of a membrane consisting of the gene produc	1
18	Vitvi01g00391	1.23	2e-03	1	9 x 12	A lipid bilayer along with all the proteins and protein complexe	1
19	Vitvi04g00300	1.36	4e-03	1	35 x 8	Any molecular function by which a gene product interacts sele	1
20	Vitvi08g01030	2.95	5e-03	1	7 x 11	A membrane-bounded organelle of eukaryotic cells in which	2
Und	aravaraaad						,
	erexpressed						L
1	Vitvi06g01467	-1.2	5e-04	1	11 x 21	m	1
2 3 4 5 6 7	Vitvi10g01749	-1.11	9e-04	1	16 x 26	Binding to a protein.	3
3	Vitvi12g00104	-0.63	2e-03	1	22 x 26	Catalysis of the reaction: N-acetyl-D-glucosamine + ATP = 1	3
4	Vitvi07g01251	-0.92 -1.13	4e-03	1	18 x 26	Binding to a protein.	4
5	Vitvi17g00167 Vitvi01g00625	-0.92	4e-03 7e-03	1	29 x 11 17 x 25	Binding to a protein.  The lipid bilayer surrounding the vacuole and separating its α	2
9	Vitvi13g02262	-1.05	8e-03	1	20 x 27	The lipid bilayer surrounding the vacuole and separating its co	5
8	Vitvi02g01100	-0.75	8e-03	1	13 x 29	Binding to a zinc ion (Zn).	8
9	Vitvi08g01208	-0.73	9e-03	1	19 x 28	Binding to an RNA molecule or a portion thereof.	9
10	Vitvi03g00043	-0.76	1e-02	1	31 x 6	Binding to a zinc ion (Zn).	1
11	Vitvi10g00850	-0.70	1e-02	1	19 x 26	Binding to a protein.	1
12	Vitvi10g00494	-0.84	1e-02	1	20 x 30	The contents of a cell excluding the plasma membrane and n	ί
13	Vitvi15g01077	-0.97	1e-02	1	39 x 17	A membrane–bounded organelle of eukaryotic cells in which	ί
14	Vitvi14g01263	-0.43	1e-02	1	20 x 24	The component of a membrane consisting of the gene produc	1
15	Vitvi02g01206	-0.43	1e-02	1	13 x 21	,	1
16	Vitvi16g00155	-0.73	1e-02	1	38 x 15	A membrane-bounded organelle of eukaryotic cells in which	1
17	Vitvi14g01375	-0.78	1e-02	1	35 x 13	The component of a membrane consisting of the gene produc	ί
18	Vitvi11g00795	-1.13	1e-02	1	19 x 29	A process that is carried out at the cellular level which results	i
19	Vitvi01g01496	-0.76	1e-02	1	20 x 29	Binding to GTP, guanosine triphosphate.	1
20	Vitvi13g00824	-1.28	1e-02	1	23 x 35		2
_0	Ü						_



### Differentially expressed gene sets

Rank	GSZ	p-value	#all	Geneset

	Overe	pressed			
ure	1	7.3	0e+00	45	Galactos@alatatbelismetabolism
ipou	2	5.83	0e+00	73	Transcription faction factorism ARCOEREBP2 EREBP
a cı	3	5.09	0e+00	49	Transcription faktors - NAC
oduc	4	4.92	0e+00	77	Carbohyd Carteborte, talbat lësime ta Gallisotos @railetatibs lësime ta bolism
lexe	5	4.79	0e+00	238	Enzyme -E2/zyn@eye@sylltr@inysfessyttesnsferases
	6	4.35	0e+00	44	Energy metabrolismetalsidrisgen Mietabelismetabolism
lexe	7	4.23	0e+00	111	Hormonelskigmating sightavirusigen Albah signaling
oduc	8	4.1	0e+00	140	Hormonel-signaturing signaturing signaturing
Juut	9	4.02	0e+00	48	Transcriptioanfaction take to's - WRKY
lexe	10	3.59	4e-04	25	Nitrogen Matabelismetabolism
				43	Alanine a <b>spantateaspalgtutaanadeglotatatadi</b> smetabolism
ipou	11	3.37	9e-04		Biosynthe Biosyntheesisdafra enetabolismeta ABIA briosynthesiosynthesi
adu.	12	3.16	2e-03	11	
oduc	13	3.13	2e-03	18	PhotosyntPleasiesyrathlesisa-paroteimsa proteins
exed	14	3.12	2e-03	74	Transcriptionniscription @2H2s - C2H2
nd n	15	3.08	2e-03	18	Energy militadorglismmetalib biblisos synthemasias paroteimas proteins
	16	2.87	5e-03	13	Peptidasessemidansensialmensia
oduc	17	2.8	6e-03	170	TranscriptToanfactipition Cattlerszf—O8heC4f—C3HC4
lexe	18	2.79	6e-03	24	Inner mar <b>hrbrierne</b> nambrane
sele	19	2.76	7e-03	27	Enzyme -E2b26ymTeans2fe6rinTganistfengemgonistrggnauposus groups
ich	20	2.5	1e-02	18	Chaperor@hapts6020 – HSP20
	Under	expressed	d		
	1	-5.75	0e+00	211	RibosomeRibosome
		-5.29	0e+00	219	Cell growtDetlingtroutertithandDattlindeCell cycle
1 = <sup>9</sup>	2 3	-4.76	0e+00	247	Translatio Translation meRibosome
	4	-4.6	0e+00	144	RibosomeRib EsakarreyoteEsukaryotes
	5	-4.31	0e+00	24	Replication phytoletical phytoletical complication resident and the Replication resident and res
ts co	4 5 6 7	-4.09	0e+00	97	RibosomeRibAscinaea Archaea
	7	-3.8	1e-04	134	Hormonelskigmating sighalingsigraling signaling
	8	-3.49	7e-04	62	Translatio Tran Alaticorae y ArtiRNA dyles (RN Adsies yn thesis
	9	-3.33	1e-03	44	Replication phylication phylical Replication Factor
	10	-3.32	1e-03	36	DNA repli <b>Dati</b> oneplication
	11	-3.22	1e-03	67	RibosomeRibBanteeia-Bacteria
nd n	12	-3.09	2e-03	43	AminoacyAntiRhiAcsyIntRibtAsseyn(tAddRSes) (AARSs)
ich	13	-3.07	2e-03	48	AminoacyAntiRhiAdyllesRiNIAelsissynthesis
oduc	14	-3.01	3e-03	41	Replication
	15	-2.95	3e-03	85	Nucleocytopiaeoniytopiasproid transport
ich	16	-2.95	3e-03	161	Enzyme -E2izlymTeans2lefriinTeans1erriagbonegrouptson groups
oduc	17	-2.9	4e-03	31	Chromos@heoarrosasseaiadealsprooteitesd-p@deeiassile@eing silencing
ults	18	-2.87	5e-03	72	RibosomeRibb/sitmoleon@lite/d2lblodoial/aShloroplast
	19	-2.87	5e-03	162	Plant spe <b>Elfansignadifig sigNahite</b> gpatRoagetepiatecagetioninteraction
	20	-2.86	5e-03	44	Enzyme - E6izlyr Ferm6nty darbrain-gozajdenni-analgen bonds

