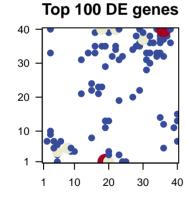
# CabFra\_freeze\_r2

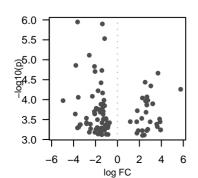
### **Global Summary**

%DE = 0.3 # genes with fdr < 0.2 = 524 ( 197 + /327 -) # genes with fdr < 0.1 = 43 ( 14 + /29 -) # genes with fdr < 0.05 = 8 ( 0 + /8 -) # genes with fdr < 0.01 = 1 ( 0 + /1 -)

<FC> = 0 <p-value> = 0.23 <fdr> = 0.7

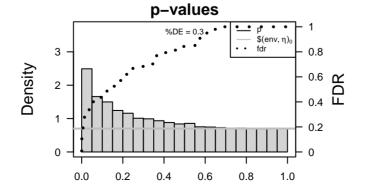
## 





### Differentially expressed genes

Rank		log(FC) fdr			Description	Ra	
ID		p-value		Meta	gene		
Overexpressed							Ove
1	Vitvi06g01714	3.69	2e-05	0.07	19 x 11		1
ż	Vitvi03g01558	2.52	4e-05	0.07	25 x 1	Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, (	
3	Vitvi09g00028	3.04	5e-05	0.07	10 x 4	Binding to a nucleic acid.	ั้
4	Vitvi06g01713	5.76	6e-05	0.07	5 x 1	· ·	4
5	Vitvi13q01250	2.68	9e-05	0.07	20 x 1	Binding to a metal ion.	2 3 4 5 6 7
6	Vitvi16g02026	2.27	9e-05	0.07	20 x 3	3	6
7	Vitvi05g01948	2.77	1e-04	0.07	6 x 7		7
8	Vitvi03g01560	2.56	1e-04	0.07	24 x 1		8
9	Vitvi00g01989	3.21	1e-04	0.07	19 x 1		9
Ĭ0	Vitvi07g03053	3.21	1e-04	0.07	19 x 1		10
11	Vitvi00g01844	2.68	1e-04	0.07	8 x 5		11
12	Vitvi10g02223	2.68	1e-04	0.08	8 x 5		12
13	Vitvi08g01156	1.81	2e-04	0.08	15 x 8	Any process involved in the conversion of a primary mRNA tra	13
14	Vitvi08g00630	2.6	2e-04	0.08	20 x 1	Catalysis of the transfer of ubiquitin from one protein to anoth	14
15	Vitvi16g00815	2.21	3e-04	0.10	23 x 3	, , , , , , , , , , , , , , , , , , , ,	15
16	Vitvi04g00359	3.84	3e-04	0.10	5 x 3	The component of a membrane consisting of the gene produc	16
17	Vitvi06g00943	1.17	4e-04	0.10	23 x 19	The component of a membrane consisting of the gene produc	17
18	Vitvi02g01365	1.76	4e-04	0.10	20 x 4	The component of a membrane consisting of the gene produc	18
19	Vitvi16g01010	3.89	4e-04	0.10	4 x 5	The compensation a membrane consisting of the gene produc	19
20	Vitvi13g00680	2.98	4e-04	0.10	2 x 7	A lipid bilayer along with all the proteins and protein complexe	20
_	-	2.00		0.10	2		
	erexpressed						Un
1	Vitvi14g01294	-3.64	1e-06	0.008	35 x 37	Binding to ATP, adenosine 5'-triphosphate, a universally impo	1
2	Vitvi02g00936	-1.38	1e-06	0.021	21 x 32	A lipid bilayer along with all the proteins and protein complexe	2
3	Vitvi03g00763	-1.17	3e-06	0.040	22 x 34	The component of a membrane consisting of the gene produc	3
4	Vitvi12g00483	-2.57	8e-06	0.040	30 x 39	The component of a membrane consisting of the gene produc	4
Ď	Vitvi19g00581	-3.8	1e-05	0.040	3 x 40	Catalysis of the transfer of a glycosyl group from one compou	Ď
5 6 7	Vitvi11g00287 Vitvi02g00437	-2.09	1e-05	0.040	30 x 37	Binding to nicotinamide adenine dinucleotide, a coenzyme in	4 5 6 7
8	Vitvi12g00032	-1.42 -2.05	2e-05 2e-05	0.040 0.040	20 x 39 32 x 36	Binding to ATP, adenosine 5'–triphosphate, a universally impo	8
9	Vitvi19g00491	-2.03 -1.5	4e-05	0.040	22 x 35	The process of restoring DNA after damage. Genomes are su	9
10	Vitvi19g02290	-1.77	6e-05	0.073	31 x 33	The process of restoring brown after damage. Scholles are st	10
11	Vitvi13g00918	-1.35	7e-05	0.073	17 x 23	Any molecular entity that serves as an electron acceptor and	11
12	Vitvi01g00106	-2.29	8e-05	0.073	33 x 36	Catalysis of a biochemical reaction at physiological temperatu	12
13	Vitvi08g01168	-3.57	9e-05	0.073	36 x 40	Catalysis of an oxidation-reduction (redox) reaction, a reversi	13
14	Vitvi17g00361	-1.23	1e-04	0.073	29 x 22		14
15	Vitvi10g00100	-4.96	1e-04	0.073	38 x 40	The space external to the outermost structure of a cell. For ce	15
16	Vitvi08g01209	-1.32	1e-04	0.073	18 x 23	The component of a membrane consisting of the gene produc	16
17	Vitvi15g00705	-1.51	1e-04	0.073	40 x 15	The component of a membrane consisting of the gene produc	17
18	Vitvi05g00558	-1.17	1e-04	0.082	23 x 31	A membrane-bounded organelle of eukaryotic cells in which	18
19	Vitvi08g01515	-1.93	2e-04	0.082	34 x 33	Catalysis of a biochemical reaction at physiological temperatu	19
20	Vitvi09a00575	-1.39	2e-04	0.082	16 x 33	Binding to a protein.	20



#### Differentially expressed gene sets

Rank G	iSZ p–valı	ue #all	Geneset
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	Overex	xpressed			
	1	7.5	0e+00	48	Transcript <b>īcanfactiptiscn tālūtiš</b> – WRKY
, (	2	4.75	0e+00	162	Plant spelllämsigmadifig sighlahitepathlagetepathagetionnteraction
	3	4.43	0e+00	58	Other am 10 th acials immetatidlismmetal6 blitanthio 10 lutattaibolismmetabolism
	4	4.4	0e+00	49	Transcription factoriscon fallacors - NAC
	5 6 7	3.94	4e-05	77	Pores ion Robrassriels (Ti@nth]els [TC:1]
	6	3.73	1e-04	24	Tropane pTpepriatheopipretiplymietiamedaptyalldidebiallsyltatudelsiosynthesis
		3.57	4e-04	51	BiosyntheBiosynthesisdafrseoetadarljsmetaAokismbiosynthesissynthesis
	8	3.56	5e-04	42	Tryptopha <b>Tryptatabalism</b> etabolism
	9	3.51	6e-04	45	Galactos@alatatosesmetabolism
	10	3.37	9e-04	71	Glutathion@utattabolismetabolism
	11	3.18	2e-03	26	Flavonoid Flavos y nuticiels is synthesis
	12	3.17	2e-03	26	Glycosyltr@iysriessylteanstreyransepholitiy.clmopleataile molecule
tra	13	3.08	2e-03	96	Transport@raratatorter-@atalogs-callorters6cat 1 to 6
th	14	2.8	6e-03	17	Isoquinolils@qlkabbidebidsqlttltdesissynthesis
	15	2.8	6e-03	10	Linoleic abidotestatocitismetabolism
uc	16	2.75	7e-03	24	Inner mar <b>inbrene</b> nambrane
uc	17	2.71	8e-03	57	Glyoxylat
uc	18	2.62	1e-02	80	Transport Transport Stystering Tettering factors
	19	2.55	1e-02	10	SLC39: Mattal 39n Mataiporter
хє	20	2.5	1e-02	29	Carotenoi@atrioteynttlocksicsynthesis
	Under	expressed	4		
OC				200	Cell growthetingtooleetithan-doetilaturall-Cell wall
	1	-9.47	0e+00	206 80	Cytoskele@ntoskeletotubulkesrotubules
xe u(	2 3	-8.89	0e+00	217	Cell motilifiell finetijulatioRedialatiiorcydoskeitetonoskeleton
u( u(		-8.59	0e+00 0e+00	18	Photosyn <b>Pleasissyrathlesisa-proteims</b> a proteins
ut	4	-6.49 -6.1	0e+00	18	Energy metaboly ismetablobbosyn Pleasies and broteins
ou	4 5 6 7	-5.69	0e+00	11	Transcription factipation (a Rifers – GRF
n۱	7	-5.41	0e+00	219	Cell growthetingroutetthan-contains = Gro
00	8	-5.38	0e+00	134	Hormone Higgmating signating signaling
sı	9	-5.31	0e+00	10	Peptidase®emidaseisiaoms in Hilaitohs A1FameihsiA familipsin family
30	10	-5.07	0e+00	78	Glycosyltr@hysfessyltenes8tene
d	11	-4.56	0e+00	30	Glycan bi@dycatmelsissaymdhessisaboblsmetalble@bycanNde@byadentide.gradation
itu	12	-4.43	0e+00	47	Transporteracusatory Catariogo + Telepostorio Calcridero carriers
si	13	-4.36	0e+00	19	Transcription faction factoriscon Additions A- AUXIAA
-	14	-4.12	0e+00	65	PhagosorReagosome
CE	15	-3.97	4e-05	39	Pentose a Prehtobse uno date internate ensinos nversions
uc	16	-3.96	4e-05	18	Transcription faction and Transcription factors - ARF
u(	17	-3.91	4e-05	113	Exosome Exessor rema Exosome Exessor rema Exosome Exessor rema Exosome Exessor rema Exosome Exessor remains a consideration of the Exes
h.	18	-3.81	1e-04	78	Energy metabolismetalebuismsyn Priessies yn thesis
ıtı	19	-3.72	1e-04	66	Exosome Ex Escos rema Excesse in a logi rollar and the poblar and except an extension of the logical and the poblar and the po
	20	-3.71	1e-04	19	Aquaporin Aquaporin Aquaporin allametus rats solutet et tala solutet et ar [3] 100 rft et s S[TC:1.A.8]

