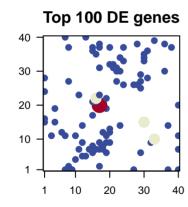
CabFra_freeze_r1

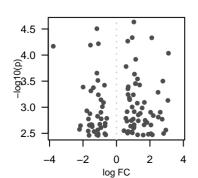
Global Summary

%DE = 0.2# genes with fdr < 0.2 = 7 (4 + /3 -)# 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 > = 0.31< fdr > = 0.8

Portrait 40 30 · 20 10 10 20 30



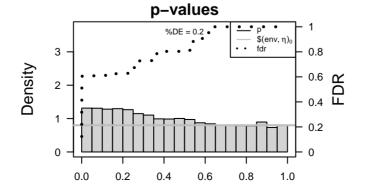


Differentially expressed genes

Rank

	ID	p-value		Metagene		
Over	expressed					
1	Vitvi16g01003	1.04	2e-05	0.1	18 x 7	Binding to a protein.
2	Vitvi08g01803	0.94	5e-05	0.1	16 x 7	The contents of a cell excluding the plasma membrane and n
3	Vitvi08g02393	2.11	5e-05	0.1	12 x 9	Any process that modulates the frequency, rate or extent of D
4	Vitvi06g01479	0.67	5e-05	0.1	16 x 22	The modification of histones by addition of methyl groups.
5	Vitvi08g02274	3.11	9e-05	0.3	8 x 1	
6	Vitvi18g00682	1.15	1e-04	0.3	27 x 1	
7	Vitvi14g00264	0.57	2e-04	0.3	19 x 19	Any molecular function by which a gene product interacts sele
8	Vitvi19g01585	1.08	2e-04	0.3	15 x 6	Catalysis of a biochemical reaction at physiological temperatu
9	Vitvi17g01086	1.26	3e-04	0.3	20 x 9	The part of the cytoplasm that does not contain organelles bu
10	Vitvi14g00149	2.77	3e-04	0.3	18 x 12	The component of a membrane consisting of the gene produc
11	Vitvi00g01558	1.13	4e-04	0.3	30 x 15	
12	Vitvi07g02971	1.13	4e-04	0.3	30 x 15	Binding to a protein.
13	Vitvi18g02973	1.38	4e-04	0.3	33 x 10	- '
14	Vitvi19g00020	0.7	4e-04	0.3	17 x 19	A membrane-bounded organelle of eukaryotic cells in which
15	Vitvi08q01125	0.68	4e-04	0.4	17 x 23	The directed movement of poly(A)+ mRNA out of the nucleus
16	Vitvi08g02334	2.49	5e-04	0.4	40 x 1	The chemical reactions and pathways involving carbohydrate:
17	Vitvi07g00491	0.69	6e-04	0.4	16 x 21	The component of a membrane consisting of the gene produc
18	Vitvi12g01865	1.01	6e-04	0.5	17 x 7	A semiautonomous, self replicating organelle that occurs in va
19	Vitvi01g00530	0.77	7e-04	0.5	18 x 8	A membrane-bounded organelle of eukaryotic cells in which
20	Vitvi01g00985	0.79	7e-04	0.5	19 x 9	The chemical reactions and pathways resulting in the breakdo
	-					, , ,
	erexpressed					
1	Vitvi15g01046	-1.17	3e-05	0.1	15 x 37	The component of a membrane consisting of the gene produc
2	Vitvi03g00495	-1.08	6e-05	0.1	11 x 23	Organized structure of distinctive morphology and function, be
3	Vitvi19g01703	-1.56	6e-05	0.1	16 x 35	Catalysis of an oxidation–reduction (redox) reaction, a reversi
4	Vitvi07g00091	-3.78	7e-05	0.3	38 x 37	The component of a membrane consisting of the gene produc
5 6 7	Vitvi18g01977	-1.17	2e-04	0.3	15 x 36	The process resulting in division and partitioning of componer
9	Vitvi12g02377	-1.11	3e-04	0.3	17 x 31	Binding to a phospholipid, a class of lipids containing phospholipids
	Vitvi10g00899	-0.72	4e-04	0.3	22 x 27	The component of a membrane consisting of the gene produc
8	Vitvi13g00107	-1.99	4e-04	0.3	28 x 38	The contents of a cell excluding the plasma membrane and n Binding to ATP, adenosine 5'-triphosphate, a universally impo
9 10	Vitvi16g00146 Vitvi08g00777	-1.38	4e-04	0.3	28 x 26 30 x 33	The component of a membrane consisting of the gene produc
11	Vitvi02g00777	-1.53 -1.08	5e-04 6e-04	0.4	30 x 33	A membrane-bounded organelle of eukaryotic cells in which
12	Vitvi02g00028	-0.93	7e-04	0.4	8 x 27	Catalysis of the transfer of a group, e.g. a methyl group, glyco
13	Vitvi09g00250 Vitvi09g00052	-0.77	8e-04	0.5	23 x 30	A lipid bilayer along with all the proteins and protein complexe
14	Vitvi19g00217	-0.84	1e-03	0.6	21 x 32	Binding to an RNA molecule or a portion thereof.
15	Vitvi19g01548	-1.77	1e-03	0.6	29 x 27	A chlorophyll–containing plastid with thylakoids organized into
16	Vitvi19g00417	-0.93	1e-03	0.6	23 x 34	Go 0006342
17	Vitvi16g01380	-1.59	1e-03	0.6	30 x 35	The component of the plasma membrane consisting of the ge
18	Vitvi06g00700	-1.13	1e-03	0.6	29 x 25	The component of a membrane consisting of the gene produc
19	Vitvi15g00677	-0.58	2e-03	0.6	24 x 26	The component of a membrane consisting of the gene produc
20	Vitvi14g00345	-0.91	2e-03	0.6	8 x 37	The network of interconnected tubular and cisternal structures

Description



Differentially expressed gene sets

Rank GSZ p-val	ue #all Geneset
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	Overex	pressed			
	1	4.38	0e+00	140	Hormone Hormone Hormone signating signating signaling
d n	2	4.25	0e+00	153	Plant-pat Plantenpathoxydeio interaction
of D	3	4.22	0e+00	73	Transcription faction factorists and
	4	4.07	0e+00	13	Cutin sub@rintie anderviane laindywathelsiesynthesis
	5	4.04	0e+00	162	Plant spe Elfansispedifig sid PlatitepatRlagenpiathcaptio interaction
	6	3.88	8e-05	64	Transcription factors (attherstran@threptionnfaction factors
sele	7	3.86	8e-05	18	Chaperor@habts87229 - HSP20
ratu	8	3.79	1e-04	28	Transcription faction to Bastorse Clasic imperior (bZIP)
bu	9	3.67	3e-04	48	Transcriptionnisaction takition takition was - WRKY
duc	10	3.67	3e-04	118	Transcriptionniscription identification in the control of the cont
	11	3.63	3e-04	17	Proteason Reote Asseme blinks sectoris
	12	3.24	1e-03	12	Endoplas Enicloetias ihoiro metécrobramen embrayo esant d cytosol
	13	3.08	2e-03	15	Chaperor@habts897@ ≠ DNS.RT(0 / DNAK
ch	14	3.08	2e-03	86	Signal tra6isghadtioansoCadicionm-sCadelling signification pathway
eus	15	3.07	2e-03	43	Transcription faction factions - BZIP
ate:	16	2.96	3e-03	58	Other am (Othecials) imetabiolismeta Goldsathie (Glutathie Odutathie) oismetabolism
duc	17	2.94	4e-03	111	Hormonelskigmading sightBuArsignallBuA signaling
n va	18	2.89	4e-03	45	Galactose Galatatos eismetabolism
ch	19	2.89	4e-03	157	Protein priðræssingrioræssinglasænidoælasninin reticulum
kdc	20	2.8	6e-03	49	Transcription faction factor NAC
					•
		expressed			
duc	1	-8.87	0	80	Cytoskele@ytoskeletotubulkeisrotubules
ı, bı	2	-8.25	0	18	Energy mētadroglijsmetalBlobitous yn Phastios ayıntıldıras as paroteimsa proteins
ersi	3	-8.22	0	18	Photosyn Phessissy rathies is a proteins proteins
duc	4	-7.77	0	217	Cell motilitigell in etylishation etylishation etystosistele tryntoskeleton
neı	5 6	-7.34 -7.28	0	47 206	Transport@irarataborger-datanlego-fl@teratpoortoalerderen carriers Cell grow@eatingtobetthan-doalelat/all-Cell wall
sph: du:	7	-7.28 -6.32	0	206	Replication provides to Post Replication Final Replication Factors
d n	8	-5.68	0	66	Exosome Ex Exosor ema Exosorema Igorio literatura e Calaratura e Calar
npc	9	-5.62	0	219	Cell growthetingrouestitlandotethiceCell cycle
duc	10	-5.57	0	41	Replication Republication Republication
ch	11	-5.54	0	38	Photosyn Pleasies yn the sis
yco	12	-5.39	0	78	Energy metatralismetalbloistosynthesis
exe	13	-5.37	0	36	DNA replication
	14	-4.79	0	10	Photosyn Pleasis sproute is is Ploute is ys Pelnouto (\$9750 @nc lh l (1776) by that i rophyll a
intc	15	-4.71	0	113	ExosomeExEssossemaEpreciseinalquirectalionactallocalcrimentalettancer cells
	16	-4.65	0	19	AquaporirAsqaaplosiinasllamelustralaslotietettalassoputetetrar[3]@orfteAss[TC:1.A.8]
ge	17	-4.52	0	211	Ribosom&ibosome
duc	18	-4.28	0	40	Transport Tspatemort Stylsytenkoid Tlaybettonig peathering pathway
duc	19	-4.21	0	44	Replication application postering epochalic Replication at international replication representation and repr
ure:	20	-3.99	0	65	Phagosor Reagosome

