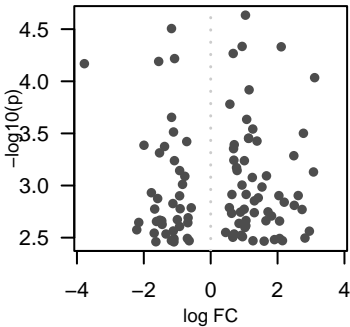
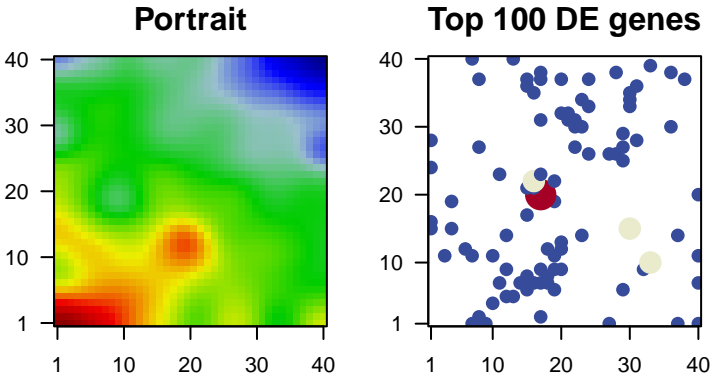


CabFra_freeze_r1

Global Summary

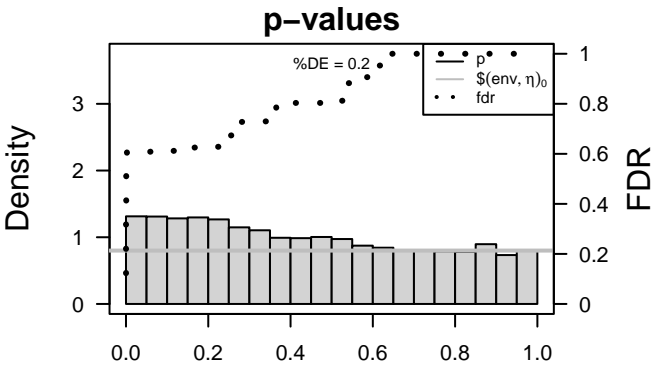
%DE = 0.2
genes with $\text{fdr} < 0.2 = 7 \text{ (4 + / 3 -)}$
genes with $\text{fdr} < 0.1 = 0 \text{ (0 + / 0 -)}$
genes with $\text{fdr} < 0.05 = 0 \text{ (0 + / 0 -)}$
genes with $\text{fdr} < 0.01 = 0 \text{ (0 + / 0 -)}$

<FC> = 0
<p-value> = 0.31
<fdr> = 0.8



Differentially expressed genes

Rank	ID	log(FC)	p-value	fdr	Description
Overexpressed					
1	Vitv116g01003	1.04	2e-05	0.1	18 x 7 Binding to a protein.
2	Vitv108g01803	0.94	5e-05	0.1	16 x 7 The contents of a cell excluding the plasma membrane and n
3	Vitv108g02393	2.11	5e-05	0.1	12 x 9 Any process that modulates the frequency, rate or extent of D
4	Vitv106g01473	0.67	5e-05	0.1	16 x 22 The modification of histones by addition of methyl groups.
5	Vitv108g02274	3.11	9e-05	0.3	8 x 1
6	Vitv118g00682	1.15	1e-04	0.3	27 x 1
7	Vitv114g00264	0.57	2e-04	0.3	19 x 19 Any molecular function by which a gene product interacts sel
8	Vitv119g01585	1.08	2e-04	0.3	15 x 6 Catalysis of a biochemical reaction at physiological temperat
9	Vitv117g01085	1.26	3e-04	0.3	20 x 9 The part of the cytoplasm that does not contain organelles bu
10	Vitv114g00145	2.77	3e-04	0.3	18 x 12 The component of a membrane consisting of the gene produc
11	Vitv100g01555	1.13	4e-04	0.3	30 x 15
12	Vitv107g02971	1.13	4e-04	0.3	30 x 15 Binding to a protein.
13	Vitv118g02973	1.38	4e-04	0.3	33 x 10
14	Vitv119g00020	0.7	4e-04	0.3	17 x 19 A membrane-bound organelle of eukaryotic cells in which
15	Vitv108g01125	0.68	4e-04	0.4	17 x 23 The directed movement of poly(A)+ mRNA out of the nucleus
16	Vitv108g02334	2.49	5e-04	0.4	40 x 1 The chemical reactions and pathways involving carbohydrate:
17	Vitv107g00491	0.69	6e-04	0.4	16 x 21 The component of a membrane consisting of the gene produc
18	Vitv112g01865	1.01	6e-04	0.5	17 x 7 A semiautonomous, self replicating organelle that occurs in vi
19	Vitv101g00530	0.77	7e-04	0.5	18 x 8 A membrane-bound organelle of eukaryotic cells in which
20	Vitv101g00985	0.79	7e-04	0.5	19 x 9 The chemical reactions and pathways resulting in the breakd
Underexpressed					
1	Vitv115g01045	-1.17	3e-05	0.1	15 x 37 The component of a membrane consisting of the gene produc
2	Vitv103g00495	-1.08	6e-05	0.1	11 x 23 Organized structure of distinctive morphology and function, bi
3	Vitv119g01703	-1.56	6e-05	0.1	16 x 35 Catalysis of an oxidation-reduction (redox) reaction, a reversi
4	Vitv107g00091	-3.78	7e-05	0.3	38 x 37 The component of a membrane consisting of the gene produc
5	Vitv118g01977	-1.17	2e-04	0.3	15 x 36 The process resulting in division and partitioning of compo
6	Vitv112g02377	-1.11	3e-04	0.3	17 x 31 Binding to a phospholipid, a class of lipids containing phosphi
7	Vitv110g00895	-0.72	4e-04	0.3	22 x 27 The component of a membrane consisting of the gene produc
8	Vitv113g00107	-1.99	4e-04	0.3	28 x 38 The contents of a cell excluding the plasma membrane and n
9	Vitv116g00145	-1.38	4e-04	0.3	28 x 26 Binding to ATP, adenosine 5'-triphosphate, a universally impc
10	Vitv108g00777	-1.53	5e-04	0.4	30 x 33 The component of a membrane consisting of the gene produc
11	Vitv102g00023	-1.08	6e-04	0.4	17 x 37 A membrane-bound organelle of eukaryotic cells in which
12	Vitv106g00255	-0.93	7e-04	0.5	8 x 27 Catalysis of the transfer of a group, e.g. a methyl group, glyco
13	Vitv109g00052	-0.77	8e-04	0.5	23 x 30 A lipid bilayer along with all the proteins and protein complex
14	Vitv119g00217	-0.84	1e-03	0.6	21 x 32 Binding to an RNA molecule or a portion thereof.
15	Vitv119g01545	-1.77	1e-03	0.6	29 x 27 A chlorophyll-containing plastid with thylakoids organized int
16	Vitv119g00417	-0.93	1e-03	0.6	23 x 34 Go 0006342
17	Vitv116g01380	-1.59	1e-03	0.6	30 x 35 The component of the plasma membrane consisting of the ge
18	Vitv106g00700	-1.13	1e-03	0.6	29 x 25 The component of a membrane consisting of the gene produc
19	Vitv115g00677	-0.58	2e-03	0.6	24 x 26 The component of a membrane consisting of the gene produc
20	Vitv114g00345	-0.91	2e-03	0.6	8 x 37 The network of interconnected tubular and cisternal structure:



Differentially expressed gene sets

Rank	GSZ	p-value	#all	Geneset
Overexpressed				
1	4.38	0e+00	140	Hormone signaling signaling
2	4.25	0e+00	153	Plant-pathogen interaction
3	4.22	0e+00	73	Transcription factor
4	4.07	0e+00	13	Cutin subunit subunit
5	4.04	0e+00	162	Plant specific signaling
6	3.88	8e-05	64	Transcription factor
7	3.86	8e-05	18	Chaperone
8	3.79	1e-04	28	Transcription factor
9	3.67	3e-04	48	Transcription factor
10	3.67	3e-04	118	Transcription factor
11	3.63	3e-04	17	Protease
12	3.24	1e-03	12	Endoplasmic reticulum
13	3.08	2e-03	15	Chaperone
14	3.08	2e-03	86	Signal transduction
15	3.07	2e-03	43	Transcription factor
16	2.96	3e-03	58	Other amino acid metabolism
17	2.94	4e-03	111	Hormone signaling
18	2.89	4e-03	45	Galactose metabolism
19	2.89	4e-03	157	Protein processing
20	2.8	6e-03	49	Transcription factor
Underexpressed				
1	-8.87	0	80	Cytoskeleton
2	-8.25	0	18	Energy metabolism
3	-8.22	0	18	Photosynthesis
4	-7.77	0	217	Cell motility
5	-7.34	0	47	Transport
6	-7.28	0	206	Cell growth
7	-6.32	0	24	Replication
8	-5.68	0	66	Exosome
9	-5.62	0	219	Cell growth
10	-5.57	0	41	Replication
11	-5.54	0	38	Photosynthesis
12	-5.39	0	78	Energy metabolism
13	-5.37	0	36	DNA replication
14	-4.79	0	10	Photosynthesis
15	-4.71	0	113	Exosome
16	-4.65	0	19	Aquaporin
17	-4.52	0	211	Ribosome
18	-4.28	0	40	Transport
19	-4.21	0	44	Replication
20	-3.99	0	65	Phagosome

