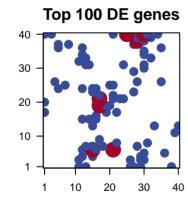
Riesl_freeze_r1

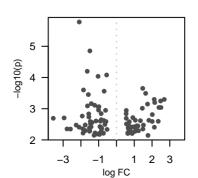
Global Summary

%DE = 0.14# genes with fdr < 0.2 = 1 (0 + /1 -)# 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 > = 0.34< fdr > = 0.86

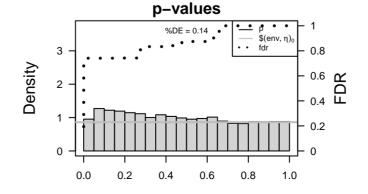
Portrait 40 30 20 10 10 20 30





Differentially expressed genes

Rank ID		log(FC) fdr p-value		Description Metagene		Ra		
Overexpressed 0								
1	Vitvi10g01346	1.48	2e-04	0.7	15 x 4	Binding to a nucleic acid.	1	
2	Vitvi05q01918	1.64	3e-04	0.7	30 x 5	A membrane–bounded organelle of eukaryotic cells in which	2	
3	Vitvi10g00496	2.12	5e-04	0.7	12 x 4	The process of assisting in the covalent and noncovalent assi	3	
4	Vitvi02g01446	2.69	5e-04	0.7	29 x 1	The present of accounty in the covariant and noncovariant account	7	
5	Vitvi11g01683	2.48	6e-04	0.7	1 x 17		5	
6	Vitvi08g02189	2.15	6e-04	0.7	38 x 1	The contents of a cell excluding the plasma membrane and n	4 5 6	
7	Vitvi13g00490	1.75	7e-04	0.7	15 x 6	The process of assisting in the covalent and noncovalent assi	7	
8	Vitvi16g01103	2.39	9e-04	0.7	27 x 1	Binding to ATP, adenosine 5'-triphosphate, a universally impo	8	
9	Vitvi16g00681	2.59	9e-04 9e-04	0.7	5 x 24	billiang to ATF, adenosine 3 –triphosphate, a universally impo	9	
10	Vitvi13g02561	1.45	1e-03	0.7	29 x 3		10	
	Vitvi12g01969	0.55	1e-03	0.7	29 x 3 21 x 25	The component of a membrane consisting of the gene produc		
11 12	Vitvi08g01511						11	
	•	0.54	1e-03	0.7	17 x 22	Binding to messenger RNA (mRNA), an intermediate molecul	12	
13	Vitvi17g00695	2.01	2e-03	0.7	36 x 5	The contents of a cell excluding the plasma membrane and n	13	
14	Vitvi08g01234	0.92	2e-03	0.7	1 x 20	Binding to a protein.	14	
15	Vitvi01g01552	0.55	2e-03	0.7	16 x 23	A membrane–bounded organelle of eukaryotic cells in which	15	
16	Vitvi03g00954	1.06	2e-03	0.7	16 x 6	Catalysis of a biochemical reaction at physiological temperatu	16	
17	Vitvi08g00689	1.82	2e-03	0.7	11 x 3	Catalysis of an oxidation–reduction (redox) reaction, a reversi	17	
18	Vitvi10g00217	1.35	2e-03	0.7	26 x 1	Binding to ATP, adenosine 5'-triphosphate, a universally impo	18	
19	Vitvi03g00379	2.35	3e-03	0.7	12 x 6	Binding to a heme, a compound composed of iron complexed	19	
20	Vitvi15g00110	2.01	3e-03	0.7	30 x 3	A lipid bilayer along with all the proteins and protein complexe	20	
Underexpressed								
1	Vitvi18g01020	-2.09	2e-06	0.2	30 x 31	Binding to a zinc ion (Zn).	1	
	Vitvi04g01430	-1.5	1e-05	0.4	24 x 31	Any molecular function by which a gene product interacts sele		
2	Vitvi00g00973	-1.64	6e-05	0.4	33 x 13		2 3 4 5 6 7	
4	Vitvi09g00069	-0.55	8e-05	0.4	21 x 21	Any process involved in the conversion of a primary mRNA tra	4	
5	Vitvi13g02069	-1.04	9e-05	0.7	18 x 20		5	
5 6 7	Vitvi16g00518	-1.85	3e-04	0.7	35 x 26	Binding to a protein.	6	
7	Vitvi07g00533	-0.69	3e-04	0.7	17 x 21	A membrane-bounded organelle of eukaryotic cells in which	7	
8	Vitvi04g00148	-1.58	4e-04	0.7	27 x 37	Catalysis of a biochemical reaction at physiological temperatu	8	
9	Vitvi09g00225	-1.41	7e-04	0.7	13 x 33	Any process that modulates the frequency, rate or extent of pl	9	
10	Vitvi10g00415	-1.22	8e-04	0.7	21 x 40	Binding to a metal ion.	10	
11	Vitvi08g01845	-1.63	8e-04	0.7	28 x 38		11	
12	Vitvi07g02638	-0.99	9e-04	0.7	22 x 17		12 13	
13	Vitvi15g00247	-1.01	9e-04	0.7	12 x 36	Binding to a calcium ion (Ca2+).		
14	Vitvi07g02419	-1.01	1e-03	0.7	16 x 16		14	
15	Vitvi10g01565	-0.61	1e-03	0.7	19 x 19		15	
16	Vitvi13g00036	-0.86	1e-03	0.7	12 x 15	A lipid bilayer along with all the proteins and protein complexe	16	
17	Vitvi10g02037	-1.56	1e-03	0.7	25 x 40	Binding to a coloium ion (Co2)	17	
18	Vitvi14g02511 Vitvi01g01729	-1.92	2e-03	0.7	30 x 38	Binding to a calcium ion (Ca2+). Binding to a zinc ion (Zn).	18	
19 20	Vitvi13g01900	-1.55 -2.94	2e-03 2e-03	0.7 0.7	25 x 40 1 x 40	Diriumy to a 2016 IOH (ZH).	19	
20	*viiogo 1300	-2.34	26-03	J.1	1 4 40		20	



Differentially expressed gene sets

Rank GSZ p-val	ue #all Geneset
----------------	-----------------

