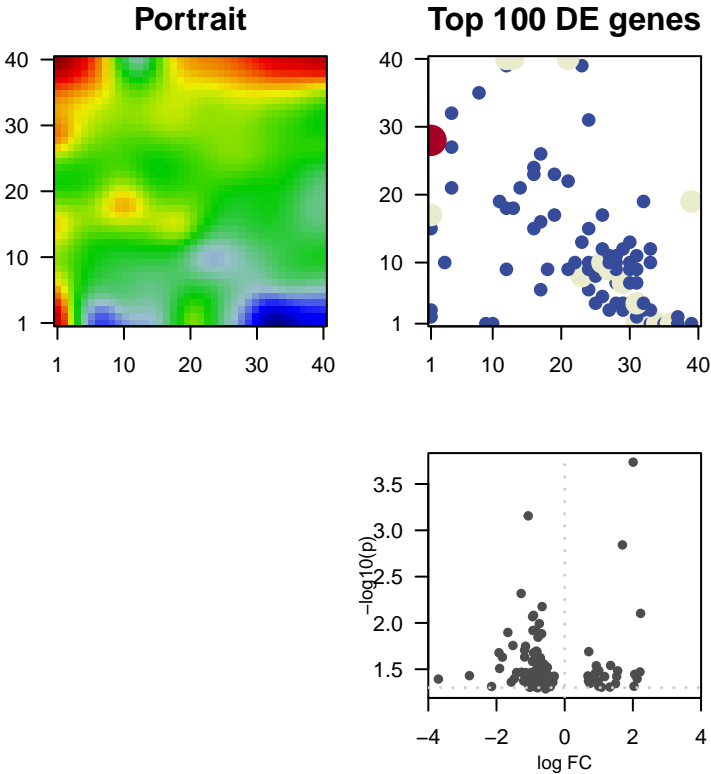


Riesl_accfreeze_r2

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> = 0.54
<fdr> = 1



Differentially expressed genes

Rank	ID	log(FC)	fdr	Description
		p-value		Metagene
<i>Overexpressed</i>				
1	Vitv117g00405	2.01	2e-04	1 x 28 Binding to a calcium ion (Ca2+).
2	Vitv112g02641	1.69	1e-03	3 x 10 Binding to ADP, adenosine 5'-diphosphate.
3	Vitv04g02075	2.23	8e-03	1 x 15 Any process that results in a change in state or activity of a c
4	Vitv07g00046	0.71	2e-02	21 x 40 The formation of a protein dimer, a macromolecular structure
5	Vitv116g00137	1.35	3e-02	24 x 6 The component of a membrane consisting of the gene produc
6	Vitv02g00415	0.93	3e-02	24 x 31 Catalysis of a biochemical reaction at physiological temperat.
7	Vitv07g01595	1	3e-02	19 x 17 The component of a membrane consisting of the gene produc
8	Vitv09g01860	1.55	3e-02	1 x 28
9	Vitv113g00410	2.21	3e-02	1 x 28 Any process that results in a change in state or activity of a c
10	Vitv00g02088	0.91	3e-02	8 x 35
11	Vitv09g00188	0.9	4e-02	4 x 32 The component of a membrane consisting of the gene produc
12	Vitv08g02405	2.06	4e-02	1 x 3
13	Vitv09g00063	0.68	4e-02	23 x 39 Binding to a nucleic acid.
14	Vitv113g02018	1.53	4e-02	21 x 40
15	Vitv04g01832	1.17	4e-02	16 x 15 An intracellular non-membrane-bounded organelle compris
16	Vitv01g00732	2.13	4e-02	1 x 2
17	Vitv113g01613	0.77	4e-02	19 x 23 The part of the cytoplasm that does not contain organelles bu
18	Vitv111g00062	0.7	4e-02	4 x 27 The component of a membrane consisting of the gene produc
19	Vitv02g00097	0.98	4e-02	13 x 18 The contents of a cell excluding the plasma membrane and n
20	Vitv119g00280	0.74	5e-02	14 x 21 Binding to ATP, adenosine 5'-triphosphate, a universally impc
<i>Underexpressed</i>				
1	Vitv116g00843	-1.07	7e-04	33 x 12 Any process that activates or increases the rate or extent of g
2	Vitv07g00080	-1.28	5e-03	35 x 1 Binding to a metal ion.
3	Vitv114g01695	-0.66	7e-03	28 x 4 The component of a membrane consisting of the gene produc
4	Vitv119g01667	-0.91	8e-03	31 x 11
5	Vitv04g02022	-0.94	9e-03	29 x 3 Catalysis of the transfer of a phosphate group, usually from A
6	Vitv01g01730	-0.74	1e-02	30 x 13 Binding to a protein.
7	Vitv114g00300	-0.85	1e-02	23 x 8 Catalysis of a biochemical reaction at physiological temperat.
8	Vitv115g00360	-0.93	1e-02	30 x 9 Catalysis of the reaction: 3-hydroxy-2-methylpropanoyl-CoA
9	Vitv04g02131	-0.85	1e-02	27 x 9
10	Vitv01g00812	-1.67	1e-02	33 x 3 The component of a membrane consisting of the gene produc
11	Vitv04g01130	-0.68	1e-02	30 x 7 Catalysis of the hydrolysis of various bonds, e.g. C-O, C-N, (
12	Vitv114g00992	-0.78	1e-02	26 x 10 The formation of a tri-snRNP complex containing U4 and U6
13	Vitv05g01256	-1.52	2e-02	31 x 2 The cell cycle process in which double-strand breaks are g
14	Vitv01g00888	-1.15	2e-02	31 x 7 The contents of a cell excluding the plasma membrane and n
15	Vitv03g01158	-1.18	2e-02	32 x 3
16	Vitv06g00346	-0.83	2e-02	28 x 10 The contents of a cell excluding the plasma membrane and n
17	Vitv05g00516	-0.81	2e-02	16 x 24
18	Vitv01g01701	-1.93	2e-02	10 x 1 Catalysis of an oxidation-reduction (redox) reaction, a reversi
19	Vitv00g01961	-0.91	2e-02	31 x 4
20	Vitv02g01710	-0.91	2e-02	31 x 4

Differentially expressed gene sets

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	10.65	0e+00	64	Transcription factors
2	9.98	0e+00	73	Transcription factors
3	7.68	0e+00	140	Hormone signaling
4	7.4	0e+00	18	Photosynthesis
5	7.09	0e+00	153	Plant-pathogen interaction
6	7.07	0e+00	18	Energy metabolism
7	6.4	0e+00	162	Plant signaling
8	6.24	0e+00	47	Transport
9	5.46	0e+00	206	Cell growth
10	4.67	0e+00	49	Transcription factors
11	4.26	0e+00	86	Signal transduction
12	4.07	0e+00	48	Transcription factors
13	4.04	0e+00	238	Enzyme
14	3.72	1e-04	10	Photosynthesis
15	3.41	9e-04	41	Porphyrin
16	3.29	1e-03	10	Peptidase
17	3.2	2e-03	80	Cytoskeleton
18	3.05	2e-03	56	Hormone signaling
19	2.97	3e-03	11	Transcription factors
20	2.61	1e-02	14	Kinase
<i>Underexpressed</i>				
1	-3.97	4e-05	44	Energy metabolism
2	-3.73	1e-04	131	Enzyme
3	-3.57	5e-04	40	SLC47
4	-3.5	7e-04	26	Flavonoid
5	-3.19	2e-03	56	Glycine
6	-3.08	2e-03	11	Lipid metabolism
7	-2.68	8e-03	45	Galactose
8	-2.57	1e-02	51	Biosynthesis
9	-2.47	1e-02	29	Other amino acids
10	-2.43	2e-02	26	Pantoic acid
11	-2.43	2e-02	43	Alanine
12	-2.34	2e-02	63	Phenylpropanoid
13	-2.25	3e-02	12	SLC15
14	-2.23	3e-02	15	Chaperone
15	-2.23	3e-02	42	Tryptophan
16	-2.22	3e-02	50	Transcription factors
17	-2.19	3e-02	11	Vitamin
18	-2.14	3e-02	41	Transport
19	-2.13	4e-02	68	Amino acid
20	-2.12	4e-02	45	Valine

