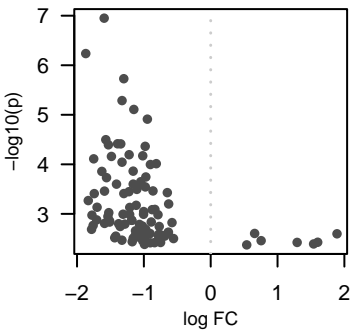
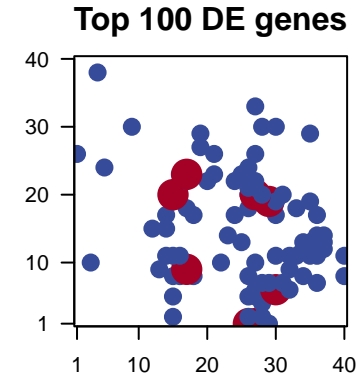
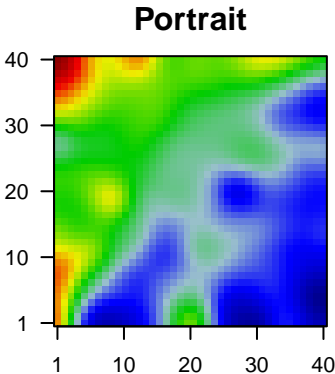


Sangio_accfreeze_r2

Global Summary

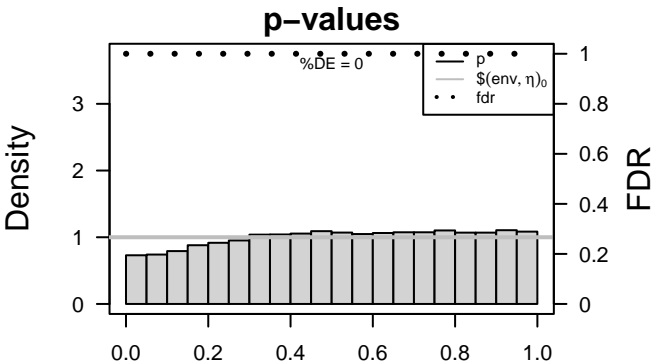
%DE = 0
genes with $fdr < 0.2 = 0$ (0 + / 0 -)
genes with $fdr < 0.1 = 0$ (0 + / 0 -)
genes with $fdr < 0.05 = 0$ (0 + / 0 -)
genes with $fdr < 0.01 = 0$ (0 + / 0 -)

<FC> = 0
<p-value> = 0.41
<fdr> = 1



Differentially expressed genes

Rank	ID	log(FC)	fdr	Description		
		p-value		Metagene		
Overexpressed						
1	Vitvi03g00587	0.66	0.002	1	9 x 30	Binding to an RNA molecule or a portion thereof.
2	Vitvi19g0020E	1.89	0.003	1	23 x 14	The component of a membrane consisting of the gene product
3	Vitvi07g0066E	0.75	0.003	1	5 x 24	A membrane-bound organelle of eukaryotic cells in which
4	Vitvi08g0013E	1.6	0.004	1	4 x 38	Binding to a metal ion.
5	Vitvi01g00217	1.29	0.004	1	36 x 14	Growth or movement in a sessile organism toward or away from
6	Vitvi12g02641	1.54	0.004	1	3 x 10	Binding to ADP, adenosine 5'-diphosphate.
7	Vitvi01g0145E	0.54	0.004	1	21 x 26	A lipid bilayer along with all the proteins and protein complexes
8	Vitvi14g02542	2.12	0.005	1	1 x 36	
9	Vitvi15g0067E	0.95	0.005	1	4 x 32	Binding to a calcium ion (Ca2+).
10	Vitvi15g00543	0.67	0.005	1	11 x 34	The process involved in transforming a meristem that produces
11	Vitvi19g0001E	0.91	0.006	1	10 x 32	Binding to a metal ion.
12	Vitvi04g0122C	1.81	0.006	1	7 x 36	Binding to a calcium ion (Ca2+).
13	Vitvi11g0053E	1.77	0.006	1	10 x 17	Binding to a protein.
14	Vitvi06g0196C	0.37	0.006	1	21 x 22	The component of a membrane consisting of the gene product
15	Vitvi02g0116C	0.59	0.006	1	11 x 34	Binding to a protein.
16	Vitvi05g00294	0.73	0.007	1	12 x 28	Binding to GTP, guanosine triphosphate.
17	Vitvi18g01231	1.06	0.009	1	24 x 13	Binding to a metal ion.
18	Vitvi12g01602	0.69	0.009	1	11 x 31	A ubiquitin ligase complex that degrades mitotic cyclins and a
19	Vitvi15g0065E	1.52	0.010	1	12 x 40	
20	Vitvi10g0123C	0.44	0.010	1	9 x 29	A membrane-bound organelle of eukaryotic cells in which
Underexpressed						
1	Vitvi04g0127E	-1.59	1e-07	1	28 x 4	
2	Vitvi15g00502	-1.87	6e-07	1	16 x 11	The irregular network of unit membranes, visible only by electron
3	Vitvi15g0119E	-1.3	2e-06	1	17 x 18	The component of a membrane consisting of the gene product
4	Vitvi05g01201	-1.33	5e-06	1	34 x 13	The component of a membrane consisting of the gene product
5	Vitvi19g00734	-1.15	8e-06	1	33 x 18	The component of a membrane consisting of the gene product
6	Vitvi16g01221	-0.95	1e-05	1	33 x 11	
7	Vitvi08g0118E	-1.57	3e-05	1	35 x 13	A membrane-bound organelle of eukaryotic cells in which
8	Vitvi01g00024	-1.39	4e-05	1	37 x 12	Binding to a metal ion.
9	Vitvi05g0015E	-1.35	4e-05	1	17 x 9	Binding to a protein.
10	Vitvi05g00057	-1.53	4e-05	1	26 x 20	
11	Vitvi03g0107E	-0.98	4e-05	1	27 x 6	Binding to GTP, guanosine triphosphate.
12	Vitvi12g02654	-1.22	6e-05	1	27 x 19	
13	Vitvi17g00971	-1.02	7e-05	1	27 x 10	The formation of a double membrane-bound structure, the
14	Vitvi01g0095E	-1.49	7e-05	1	28 x 30	A membrane-bound organelle of eukaryotic cells in which
15	Vitvi17g0064E	-1.75	8e-05	1	27 x 5	Binding to a nucleic acid.
16	Vitvi05g0174E	-1.33	9e-05	1	16 x 8	
17	Vitvi08g0117E	-0.81	1e-04	1	26 x 8	Binding to ubiquitin, a protein that when covalently bound to c
18	Vitvi08g00051	-0.9	1e-04	1	34 x 12	Catalysis of the transfer of an acetyl group to a nitrogen atom
19	Vitvi05g0085E	-1.16	1e-04	1	17 x 23	A membrane-bound organelle of eukaryotic cells in which
20	Vitvi13g0160C	-1.63	1e-04	1	27 x 21	



Differentially expressed gene sets

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	7	0e+00	162	Plant-specific signaling pathway
2	6.53	0e+00	48	Transcription factor WRKY - WRKY
3	6.34	0e+00	153	Plant-pathogen interaction
4	4.91	0e+00	64	Transcription factor GATA1 - GATA1
5	4.74	0e+00	86	Signal transduction pathway
6	4.36	0e+00	49	Transcription factor NACs - NAC
7	3.89	8e-05	73	Transcription factor EREBP2 - EREBP2
8	3.63	3e-04	11	Transcription factor GRF - GRF
9	3.51	6e-04	168	Plant hormone signaling pathway
10	3.38	9e-04	128	Ubiquitin-proteasome pathway
11	3.23	1e-03	89	MAPK signaling pathway - plant
12	3.12	2e-03	62	Ribosome biogenesis
13	3.06	2e-03	32	Circadian rhythm - plant
14	3	3e-03	17	Transcription factor SBP - SBP
15	2.94	4e-03	18	Transcription factor ARF - ARF
16	2.94	4e-03	57	Transcription factor HB - HB
17	2.73	8e-03	118	Transcription factor Helix-turn-helix
18	2.71	8e-03	129	Enzyme - E2F2 - E2F2
19	2.65	9e-03	140	Hormone signaling pathway
20	2.49	1e-02	12	Channel - CNG - CNG
<i>Underexpressed</i>				
1	-4.83	0e+00	67	Ribosome - Bacteria
2	-3.96	4e-05	72	Ribosome - Bacteria
3	-3.51	6e-04	247	Translation - Ribosome
4	-3.47	8e-04	211	Ribosome - Ribosome
5	-3.37	9e-04	81	Oxidative phosphorylation
6	-3.29	1e-03	78	Energy metabolism - Photosynthesis
7	-3.27	1e-03	79	Pyruvate metabolism
8	-3.24	1e-03	105	Energy metabolism - Oxidative phosphorylation
9	-3.21	1e-03	41	Transport - Cation
10	-3.16	2e-03	26	Glycosyltransferase - Hydrophobic molecule
11	-3.16	2e-03	81	Enzyme - E2F2 - E2F2
12	-3.11	2e-03	37	Chaperone - Protein
13	-3	3e-03	108	Carbohydrate metabolism - Pyruvate
14	-3	3e-03	79	Transport - Cation
15	-2.96	3e-03	72	Energy metabolism - Carbon fixation
16	-2.87	5e-03	45	Galactose metabolism
17	-2.69	8e-03	146	Transport - Cation
18	-2.6	1e-02	131	Enzyme - E2F2 - E2F2
19	-2.57	1e-02	25	Nitrogen metabolism
20	-2.53	1e-02	38	Protein - Cysteine

