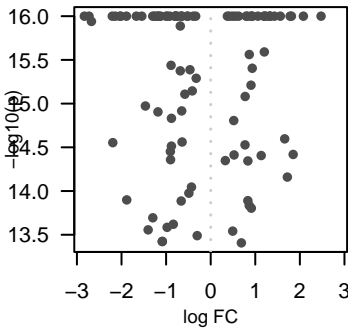
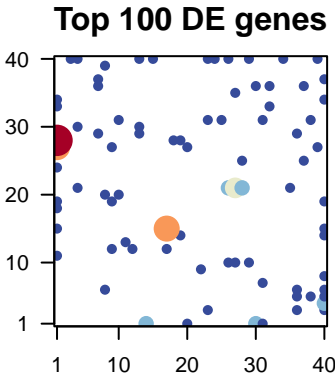
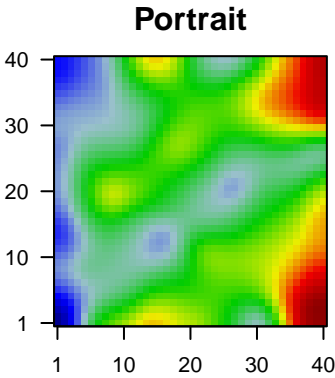


Sangio_warm

Global Summary

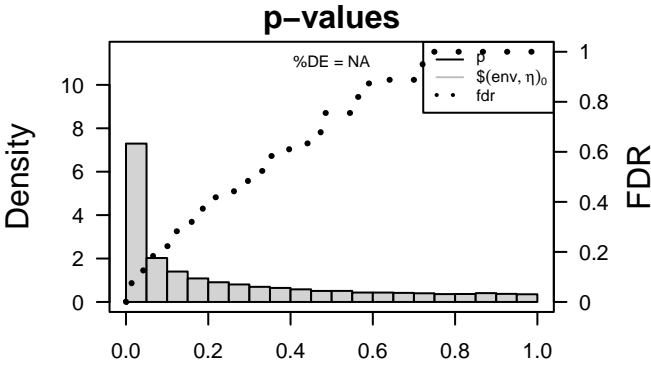
%DE = NA
genes with $\text{fdr} < 0.2$ = 8256 (3948 + / 4308 -)
genes with $\text{fdr} < 0.1$ = 5479 (2712 + / 2767 -)
genes with $\text{fdr} < 0.05$ = 3655 (1793 + / 1862 -)
genes with $\text{fdr} < 0.01$ = 2104 (996 + / 1108 -)

<FC> = 0
<p-value> = 0.03
<fdr> = 0.37



Differentially expressed genes

Rank	ID	log(FC)	fdr	Description	
		p-value		Metagene	
Overexpressed					
1	Vitv10g00029E	1.22	1e-16	1e-13	32 x 36
2	Vitv01g0008C	0.55	1e-16	1e-13	25 x 31
3	Vitv01g00157	0.8	1e-16	1e-13	40 x 19
4	Vitv01g00161	0.42	1e-16	1e-13	29 x 10
5	Vitv01g00277	0.9	1e-16	1e-13	36 x 5
6	Vitv01g0196E	0.82	1e-16	1e-13	31 x 31
7	Vitv02g00144	0.49	1e-16	1e-13	40 x 14
8	Vitv04g00907	0.37	1e-16	1e-13	20 x 27
9	Vitv06g0015C	1.56	1e-16	1e-13	20 x 1
10	Vitv08g01454	1.33	1e-16	1e-13	40 x 6
11	Vitv08g0011E	0.63	1e-16	1e-13	23 x 31
12	Vitv09g00502	1.78	1e-16	1e-13	8 x 20
13	Vitv12g00327	2.08	1e-16	1e-13	40 x 37
14	Vitv12g02041	1.19	1e-16	1e-13	38 x 31
15	Vitv13g0120C	1.33	1e-16	1e-13	13 x 40
16	Vitv13g00137	0.93	1e-16	1e-13	40 x 15
17	Vitv14g02707	1.81	1e-16	1e-13	9 x 19
18	Vitv14g01272	1.06	1e-16	1e-13	38 x 5
19	Vitv17g0036E	1.32	1e-16	1e-13	40 x 5
20	Vitv17g0064E	0.92	1e-16	1e-13	40 x 4
Underexpressed					
1	Vitv10g00361	-1.27	1e-16	1e-13	27 x 21
2	Vitv00g01887	-1.17	1e-16	1e-13	1 x 27
3	Vitv07g0299E	-1.17	1e-16	1e-13	1 x 27
4	Vitv00g02197	-0.79	1e-16	1e-13	1 x 28
5	Vitv07g0313E	-0.79	1e-16	1e-13	1 x 28
6	Vitv01g00114	-1.21	1e-16	1e-13	27 x 21
7	Vitv02g00942	-0.75	1e-16	1e-13	1 x 18
8	Vitv03g01092	-0.8	1e-16	1e-13	1 x 19
9	Vitv03g0063C	-0.79	1e-16	1e-13	35 x 21
10	Vitv04g00244	-0.51	1e-16	1e-13	7 x 29
11	Vitv04g01904	-1.3	1e-16	1e-13	17 x 12
12	Vitv05g00032	-1.12	1e-16	1e-13	1 x 34
13	Vitv05g0225C	-2.73	1e-16	1e-13	37 x 25
14	Vitv05g0163E	-0.39	1e-16	1e-13	12 x 12
15	Vitv06g0049C	-0.64	1e-16	1e-13	7 x 36
16	Vitv07g0179E	-0.92	1e-16	1e-13	1 x 33
17	Vitv07g0239C	-2.14	1e-16	1e-13	17 x 15
18	Vitv08g01722	-0.34	1e-16	1e-13	13 x 30
19	Vitv09g0192E	-1	1e-16	1e-13	17 x 15
20	Vitv10g0178E	-0.67	1e-16	1e-13	28 x 25



Differentially expressed gene sets

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	6.99	0e+00	206	Cell growth and cell cycle
2	6.74	0e+00	47	Transporter
3	6.12	0e+00	39	Pentose phosphate cycle and glycolysis
4	5.85	0e+00	78	Energy metabolism
5	5.81	0e+00	18	Energy metabolism
6	5.44	0e+00	38	Photosynthesis
7	5.29	0e+00	18	Photosynthesis
8	4.8	0e+00	26	Flavonoid biosynthesis
9	4.67	0e+00	30	Glycan biosynthesis and metabolism
10	4.5	0e+00	19	Aquaporin
11	4.5	0e+00	197	Transporter
12	4.34	0e+00	134	Hormone signaling
13	4.29	0e+00	78	Glycosyltransferase
14	4.14	0e+00	58	Carbohydrate metabolism
15	3.73	2e-04	10	Photosynthesis
16	3.6	4e-04	44	Hormone signaling
17	3.41	1e-03	44	Fructose metabolism
18	3.33	1e-03	81	Enzyme
19	3.32	1e-03	47	ABC transporter
20	3.2	2e-03	25	Nitrogen metabolism
<i>Underexpressed</i>				
1	-7.82	0e+00	64	Transcription factor
2	-7.44	0e+00	73	Transcription factor
3	-6.04	0e+00	140	Hormone signaling
4	-4.59	0e+00	48	Transcription factor
5	-4.39	0e+00	36	DNA replication
6	-4.15	0e+00	116	Ribosome
7	-4.07	0e+00	41	Replication
8	-3.9	0e+00	49	Transcription factor
9	-3.6	4e-04	64	Ribosome
10	-3.55	5e-04	247	Translation
11	-3.53	5e-04	75	Translation
12	-3.42	1e-03	27	Enzyme
13	-3.39	1e-03	144	Ribosome
14	-3.38	1e-03	24	Replication
15	-3.33	1e-03	219	Cell growth and cell cycle
16	-3.02	4e-03	17	Kinase
17	-3	4e-03	11	Transcription factor
18	-2.94	4e-03	44	Replication
19	-2.88	5e-03	211	Ribosome
20	-2.87	5e-03	22	Replication

