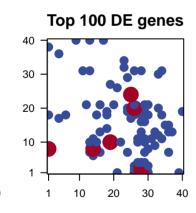
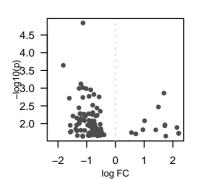
Sangio_accfreeze_r3

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 -)

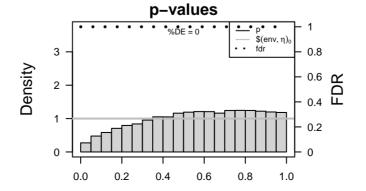
<FC> = 0 <p-value> = 0.48 <fdr> = 1





Differentially expressed genes

Rank ID		log(FC) fdr p-value		Description Metagene		Rank	GS	
Over	rexpressed						Overexp	resse
1	Vitvi01g01751	1.69	0.001	1	1 x 18	The component of a membrane consisting of the gene produc	1	6.93
2	Vitvi13g00060	1.5	0.003	1	6 x 18	The component of a membrane consisting of the gene produc	2	6.12
3	Vitvi00g00994	1.02	0.008	1	9 x 40		3	5.98
4	Vitvi15g01618	1.72	0.011	1	13 x 40	Catalysis of the transfer of a nucleotidyl group to a reactant.	4	5.14
5	Vitvi12g02718	1.72	0.012	1	17 x 40	A membrane-bounded organelle of eukaryotic cells in which	5	4.77
6	Vitvi11g01513	2.14	0.013	1	1 x 38	Binding to ATP, adenosine 5'-triphosphate, a universally impo	6	4.62
7	Vitvi15g00687	0.96	0.015	1	28 x 31	The component of a membrane consisting of the gene produc	7	4.04
8	Vitvi16g00922	1.4	0.015	1	4 x 17	Catalysis of a biochemical reaction at physiological temperatu	8	3.85
9	Vitvi02g01504	0.56	0.018	1	20 x 21		9	3.65
10	Vitvi10g02242	2.2	0.019	1	1 x 8		10	3.58
11	Vitvi00g01679	2.2	0.019	1	1 x 8		11	3.25
12	Vitvi09g01593	0.71	0.020	1	12 x 21	Binding to ADP, adenosine 5'-diphosphate.	12	3.19
13	Vitvi19g00525	1.75	0.023	1	21 x 1		13	3.17
14	Vitvi18g00616	1.03	0.025	1	20 x 40	The component of a membrane consisting of the gene produc	14	3.14
15	Vitvi01g00682	1.48	0.025	1	13 x 40	The component of a membrane consisting of the gene produc	15	3.07
16	Vitvi06g00267	0.38	0.027	1	23 x 29	A lipid bilayer along with all the proteins and protein complexe	16	2.62
17	Vitvi18g02617	2.63	0.028	1	36 x 3	The process in which a solute is transported across a lipid bil:	17	2.61
18	Vitvi13g01883	1.28	0.028	1	11 x 40		18	2.44
19	Vitvi01g00608	1.25	0.028	1	4 x 37	Binding to a protein.	19	2.44
20	Vitvi14g02028	0.55	0.028	1	10 x 27	Catalysis of the transfer of a glycosyl group from one compou	20	2.42
Unde	erexpressed						Underex	nrace
1	Vitvi10g00438	-1.13	1e-05		18 x 19			
	Vitvi14q00002	-1.13	2e-04	1	28 x 1		1 2	-7.35 -7.04
2 3 4 5 6 7	Vitvi03g00773	-1.02	8e-04	1	28 x 1	Catalysis of a biochemical reaction at physiological temperatu	3	-6.15
7	Vitvi17g00825	-1.13	1e-03	1	31 x 11	Catalysis of the transfer of a phosphate group, usually from A	4	-5.1
5	Vitvi01g00233	-1.27	1e-03	1	13 x 31	A lipid bilayer along with all the proteins and protein complexe	5	-4.94
6	Vitvi15g00728	-1.02	1e-03	1	29 x 4	Catalysis of the cleavage of C-C, C-O, C-N and other bonds	6	-4.09
7	Vitvi01g00915	-0.86	1e-03	1	28 x 3		Ž	-3.75
8	Vitvi07g00452	-0.75	2e-03	1	29 x 19	A membrane-bounded organelle of eukaryotic cells in which	8	-3.67
9	Vitvi02g01192	-0.92	2e-03	1	25 x 17	Binding to a zinc ion (Zn).	9	-3.02
10	Vitvi18g01277	-0.57	2e-03	1	32 x 13	Binding to a metal ion.	10	-2.74
11	Vitvi10g01334	-1.14	2e-03	1	25 x 24	Any process that modulates the frequency, rate or extent of co	11	-2.43
12	Vitvi07g01276	-1.61	2e-03	1	40 x 19	The component of a membrane consisting of the gene produc	12	-2.43
13	Vitvi17g00823	-0.79	3e-03	1	28 x 4	Binding to an RNA molecule or a portion thereof.	13	-2.34
14	Vitvi18g02135	-1.27	4e-03	1	30 x 3	Binding to a zinc ion (Zn).	14	-2.2
15	Vitvi18g00514	-0.64	4e-03	1	29 x 10	A lipid bilayer along with all the proteins and protein complexe	15	-2.15
16	Vitvi04g01289	-0.53	4e-03	1	30 x 8	A lipid bilayer along with all the proteins and protein complexe	16	-2.15
17	Vitvi04g00144	-0.79	5e-03	1	35 x 15	The part of the cytoplasm that does not contain organelles bu	17	-2.14
18	Vitvi01g00084	-1.24	5e-03	1	28 x 2		18	-2.13
19 20	Vitvi09g01678 Vitvi04g01785	-1.22 -0.94	5e-03 5e-03	1	34 x 11 28 x 18		19 20	-2.1 -2.05
20	VII.VIO-4901700	-0.94	36-03	1	20 X 18		20	-2.00



Differentially expressed gene sets

Rank GSZ p	-value #all (Geneset
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	Overe	xpressed			
uc	1	6.93	0e+00	48	TranscriptToanfactiontion YaleNors - WRKY
uc	ż	6.12	0e+00	49	Transcription factipition faktors - NAC
	3	5.98	0e+00	162	Plant spe Plansispedifig signating at Plagenpathogotion
	4	5.14	0e+00	238	Enzyme -E2z4/n0elyeo2s4/lt/@hysfesayttesnsferases
h ·	5	4.77	0e+00	78	Glycosyltr@hysfesaytteans@erasteural@toukytsacathaorkytsaccharide
oc	6	4.62	0e+00	153	Plant-pathtagetepathogetionnteraction
uc	7	4.04	0e+00	73	Transcription faction factors Report ERP2 EREBP
itu	8	3.85	8e-05	16	Transcription faction factorism - HSF
	9	3.65	3e-04	206	Cell grow@cetingtroutettthandCetellautrall Cell wall
	10	3.58	4e-04	64	Transcription factors
	11	3.25	1e-03	140	Hormone Higgmating signthlytegne Signylding signaling
	12	3.19	2e-03	102	Amino su Aaniaodsogaleanidensoleantidresalaatism etabolism
	13	3.17	2e-03	11	Biosynthe Biosynthe sisdafra en etabarlisme ta ABIA a briosynthe sis
uc	14	3.14	2e-03	34	Carbohyd Cateborie tella tellismetalli olistero tideli solgantialen etapaviismetalbolism
uc	15	3.07	2e-03	56	Hormone Isiamating signaslingnatessignaling
XΕ	16	2.62	1e-02	33	CarbohydCateborle,tdbatesmetaAndisorsucAmsimoetataotissmetabolism
ili	17	2.61	1e-02	10	PeptidaseSeantidasleisiaons in Hibitoits A 1FapreilysiA famelysin family
	18	2.44	2e-02	13	Cofactors Confections rained reitabulisme ta Toliamine Theatatiolisme tabolism
	19	2.44	2e-02 2e-02	86	Signal trassphattions ductions supplications signal trassphations ductions
ou	20	2.44	2e-02 2e-02	89	MAPK sidwialiPks siathawiang-patlaway – plant
Ju	20	2.42	26-02	09	WATA Signating piglillanely policina y - plant
	Under	expressed	d		
	1	-7.35	0e+00	211	RibosomeRibosome
	2	-7.04	0e+00	247	TranslatioTranslatisnomeRibosome
ιtι	3	-6.15	0e+00	144	RibosomeRibEsakannyoteEsukaryotes
A.	4	-5.1	0e+00	24	Replication Application Political Republished Republication Fractors
XΕ	5	-4.94	0e+00	97	RibosomeRibAschaeea Archaea
ds	6	-4.09	0e+00	67	RibosomeRibBanteeia-Bacteria
	7	-3.75	1e-04	72	RibosomeRibleStoroleoneMitedeDolodojalaShloroplast
n	8	-3.67	3e-04	219	Cell grow@catinghodwethhandOatellathjicleCell cycle
	9	-3.02	3e-03	37	Chaperon@haperoteia diBrot/felia islomalidas isomerase
	10	-2.74	7e-03	36	DNA replication
CI	11	-2.43	2e-02	134	Hormone Higgmating sighalingsign/alinig signaling
uc	12	-2.43	2e-02	17	Riboflavir Rituettavii ismetabolism
	13	-2.34	2e-02	41	Transporterarasplonter-dentalagy-activeating asspioneterarasporter cat D1
	14	-2.2	3e-02	17	Chaperor Chapenptinely - pPelpti idsol r peorlystesomerase
XΕ	15	-2.15	3e-02	17	Kinase - KRAdséamiRAK family
XΕ	16	-2.15	3e-02	36	Transcription factipition Zaotofis geZinc finger
ou	17	-2.14	3e-02	51	Other me@uthetismetaSintiglerreaSitingles reactions
	18	-2.13	3e-02	41	Replication
	19	-2.1	4e-02	77	Cysteine Oysteriethiomine etteitatio ësmetabolism Argining ateritariorisment parallelismetabolism
	20	-2.05	4e-02	41	Arginine aAmginpinoënændheptatioësmetabolism

