

Supplementary Figure: 5 Snapshot of SEACOMPARE. It is Cross comparison of Singular Enrichment Analysis (SEA) of DETs unique to each time point **Top panel**

AGRI GO GO Analysis Toolkit and Database for Agricultural Community

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[Suppress this table]

No	GO Term	Onto	Description	CM						0hr		12hr		24hr		48hr		120hr		240hr	
				1	2	3	4	5	6	FDR	Num	FDR	Num	FDR	Num	FDR	Num	FDR	Num	FDR	Num
										ID:305612462	ID:468921183	ID:892647788	ID:244827367	ID:247547607	ID:332866150						
1	GO:0003824	F	enzymatic activity						0.00039	109											
2	GO:0044464	C	cell part						1.3e-06	162			0.0019	104				0.015	54	0.0002	245
3	GO:0005623	C	cell						1.3e-06	162			0.0019	104				0.015	54	0.0002	245
4	GO:0005886	C	plasma membrane						0.00017	29			0.00069	22				0.02	11	0.013	34
5	GO:0009719	P	response to endogenous stimulus								0.036	12									
6	GO:0065007	P	biological regulation								0.036	29	0.015	37							
7	GO:0050794	P	regulation of cellular process								0.036	25	0.031	30							
8	GO:0042221	P	response to chemical stimulus								0.036	18									
9	GO:0009725	P	response to hormone stimulus								0.036	12									
10	GO:0050896	P	response to stimulus								0.036	29	0.039	34							
11	GO:0050789	P	regulation of biological process								0.04	26									
12	GO:0051252	P	regulation of RNA metabolic process								0.048	10									
13	GO:0019222	P	regulation of metabolic process								0.048	17									
14	GO:0006950	P	response to stress								0.048	18									
15	GO:0009791	P	post-embryonic development								0.048	9	0.0052	13	0.036	9					
16	GO:0045449	P	regulation of transcription								0.048	15									
17	GO:0090066	P	regulation of anatomical structure size								0.048	5									
18	GO:0080090	P	regulation of primary metabolic process								0.048	16									
19	GO:0051716	P	cellular response to stimulus								0.048	10	0.013	13							
20	GO:0009653	P	anatomical structure morphogenesis								0.048	8									
21	GO:0016049	P	cell growth								0.048	5									
22	GO:0060255	P	regulation of macromolecule metabolic process								0.048	16									
23	GO:0031326	P	regulation of cellular biosynthetic process								0.048	15									
24	GO:0019219	P	regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process								0.048	15									
25	GO:0031323	P	regulation of cellular metabolic process								0.048	16									
26	GO:0043687	P	post-translational protein modification								0.048	12								0.00059	37
27	GO:0009889	P	regulation of biosynthetic process								0.048	15									
28	GO:0008361	P	regulation of cell size								0.048	5									
29	GO:0051171	P	regulation of nitrogen compound metabolic process								0.048	15									
30	GO:0010033	P	response to organic substance								0.048	13									
31	GO:0006355	P	regulation of transcription, DNA-dependent								0.048	10									
32	GO:0010556	P	regulation of macromolecule biosynthetic process								0.048	15									
33	GO:0006350	P	transcription								0.048	16									
34	GO:0032535	P	regulation of cellular component size								0.048	5									
35	GO:0003677	F	DNA binding								0.018	22									
36	GO:0016301	F	kinase activity								0.018	15								0.0041	43
37	GO:0016773	F	phosphotransferase activity, alcohol group as acceptor								0.018	13									
38	GO:0016772	F	transferase activity, transferring phosphorus-containing groups								0.018	17								0.012	45
39	GO:0004672	F	protein kinase activity								0.018	12									
40	GO:0003700	F	transcription factor activity								0.018	18									
41	GO:0030528	F	transcription regulator activity								0.02	19									
42	GO:0016740	F	transferase activity								0.027	23								0.033	66
43	GO:0043436	P	oxoacid metabolic process										0.0016	16							
44	GO:0006082	P	organic acid metabolic process										0.0016	16							
45	GO:0007242	P	intracellular signaling cascade										0.0016	14							
46	GO:0019752	P	carboxylic acid metabolic process										0.0016	16							
47	GO:0042180	P	cellular ketone metabolic process										0.0017	16							
48	GO:0007165	P	signal transduction										0.0052	18							
49	GO:0034641	P	cellular nitrogen compound metabolic process										0.0052	11							
50	GO:0048856	P	anatomical structure development										0.0052	22							
51	GO:0022414	P	reproductive process										0.0063	17							
52	GO:0000003	P	reproduction										0.0073	17							
53	GO:0009309	P	amine biosynthetic process										0.0095	7							
54	GO:0044271	P	cellular nitrogen compound biosynthetic process										0.0095	9							
55	GO:0006519	P	cellular amino acid and derivative metabolic process										0.0095	12							
56	GO:0032787	P	monocarboxylic acid metabolic process										0.011	9							
57	GO:0016053	P	organic acid biosynthetic process										0.011	9							
58	GO:0046394	P	carboxylic acid biosynthetic process										0.011	9							
59	GO:0006629	P	lipid metabolic process										0.013	13							
60	GO:0032501	P	multicellular organismal process										0.013	23							
61	GO:0044106	P	cellular amine metabolic process										0.013	9							
62	GO:0070887	P	cellular response to chemical stimulus										0.015	9							
63	GO:0009416	P	response to light stimulus										0.026	10							
64	GO:0006631	P	fatty acid metabolic process										0.027	6							
65	GO:0009755	P	hormone-mediated signaling pathway										0.029	7							
66	GO:0009314	P	response to radiation										0.029	10							
67	GO:0032870	P	cellular response to hormone stimulus										0.029	7							
68	GO:0044255	P	cellular lipid metabolic process										0.029	10							