A		B]	D		
7 posttranscriptional regulation of gene expression	20	10	19 aromatic compound biosynthetic process	8	80	13 aerobic respiration	70	
5 regulation of gene expression, epigenetic	20	7	14 cell amino acid derivative biosynthetic proce	ess		11 branched chain family amino acid metabolic process	60	
6 RNA splicing	1.5	5	8 cellular cation homeostasis	60	60 🧕	47 cell communication	50	
5 negative regulation of macromolecule biosynthetic process	15	6	6 cellular response to light stimulus			9 cell proliferation	40	
12 cellular glucan metabolic process		12	26 dephosphorylation	4	40	12 cellular amino acid catabolic process	30	
5 alcohol biosynthetic process	10	5	7 di–,tri–valent inorganic cation homeostasis		1	13 cellular membrane organization	50	
6 pigment metabolic process		13	31 fatty acid biosynthetic process	2	20	9 chlorophyII metabolic process	20	
5 GTP metabolic process	5	6	12 histone modification		1	19 coenzyme biosynthetic process	10	
8 macromolecule methylation		38	84 intracellular signaling cascade		1	14 cofacor catabolic process		
8 cellular amino acid derivative biosynthetic process		5	14 lipid modification			28 cytoskeleton organization		
5 negative regulation of nucleobase, nucleotide, nucleoside and nucleic acid metabolic process		5 7 negative regulation of transcription, DNA–dependent		ent 🚪	78 defense response			
8 glycerolipid metabolic process		6	8 phenylpropanoid metabolic process			16 disaccharide metabolic process		
5 lipid modification		6	16 pigment biostnthetic process			14 DNA–dependent DNA replication		
15 fatty acid biosynthetic process		9	23 pollination			8 double–strand break repair		
5 gene silencing		25	53 response to external stimulus			7 gene silencing		
6 negative regulation of cellular biosynthetic process		5	9 terpenoid biosynthetic process			19 glycerophospholipid metabolic process		
8 coenzyme biosynthetic process			Hs-SD-			32 GTP metabolic process		
7 positive regulation of biological process		·06	8 609			6 inositol biosynthetic process		
8 heterocycle catabolic process						7 inositol phosphate metabolic process		
11 regulation of celluler component size						32 ion transmembrane transport		
21 intracellular signaling cascade						8 lysine biosynthetic process via diaminopimelate		
13 cell communication						16 macromolecule methylation		
7 regulation of cell cycle						6 meiosis		
5 meiotic cell cycle					1	14 negative regulation of catalytic activity		
5 M phase						10 negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid n	netabolic process	
5 regulation of programmed cell death					1	12 nicotinamide metabolic process	_	
6 cellular membrane organization		C			1	12 nicotinamide nucleotide metabolic process		
5 organelle fission		19 r	esponse to metal ion		00	5 nuclear mRNA splicing, via spliceosome		
				5 📕	OV ⊨			

carbohydrate transport

cellular response to stress

defense response to fungus

epidermal cell differentiation

glycerol ether metabolic process

positive regulation of cellular process

protein amino acid phosphorylation

regulation of cellular component size

glycerolipid metabolic process

heterocycle catabolic process

protein amino acid methylation

cell wall biogenesis

detection of stimulus

16 response to bacterium

40 response to hormone stimulus

16 response to water deprivation

9 cell cycle

27

8

14

HS68

- pollination 6
- cellular response to stress 17
- response to red or far red light
- defense response to fungus
- defense response to bacterium 12
- response to water deprivation 9
- **6** response to reactive oxygen species
- response to hormone stimulus
- **18** system development

SD609 VS HS68

60

20

- 6 nucleoside diphosphate metabolic process
- **43** nucleosome assembly
- 8 organelle fission
- 40 **20** photosynthesis, light reaction
 - positive regulation of transcription
 - posttranscriptional regulation of gene expression
 - **12** protein import
 - **22** protein targeting
 - pyruvate metabolic process 9
 - regulation of DNA metabolic process
 - regulation of hormone levels 9
 - regulation of photosynthesis 5
 - regulation of programmed cell death
 - regulation of protein kinase activity 9
 - **64** response to oxidative stress
 - **19** ribosome biogenesis
 - **23** translational elongation

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