
Label in Fig 2	GO biological pathways
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For 56MESS **up**-regulated genes

a	transport
b	cellular homeostasis
c	cellular component morphogenesis
d	cofactor metabolic process
e	cellular amino acid metabolic process
f	cellular membrane organization
g	generation of precursor metabolites and energy
h	cellular lipid metabolic process
i	fungus-type cell wall organization
j	meiosis
k	sporulation resulting in formation of a cellular spore
l	cellular respiration
m	conjugation
n	cellular aromatic compound metabolic process

For 56MESS **down**-regulated genes

I	cellular amino acid metabolic process
II	response to stress
III	cellular respiration
IV	generation of precursor metabolites and energy
V	cofactor metabolic process
VI	response to chemical stimulus
VII	cellular carbohydrate metabolic process
VIII	fungus-type cell wall organization
IX	heterocycle metabolic process
X	cellular lipid metabolic process
