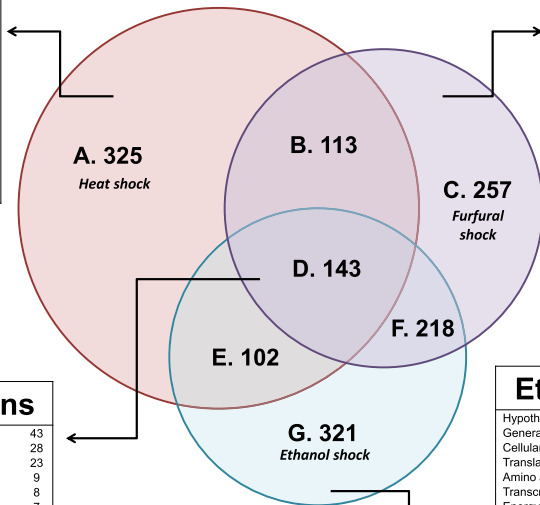


Heat shock (68°C)

Hypothetical	95
General function prediction only	70
Cellular Processes	48
Amino acid transport and metabolism	18
Carbohydrate transport and metabolism	17
Chromatin structure and dynamics, DNA replication, recombination and repair	15
Energy production and conversion	13
Transcription, RNA processing and modification	11
Translation, ribosomal structure and biogenesis	10
Nucleotide transport and metabolism	8
Signal transduction mechanisms	8
Coenzyme metabolism	7
Lipid metabolism	5



Furfural shock (3 g.L⁻¹)

General function prediction only	72
Hypothetical	68
Cellular Processes	32
Amino acid transport and metabolism	16
Chromatin structure and dynamics, DNA replication, recombination and repair	15
Carbohydrate transport and metabolism	10
Translation, ribosomal structure and biogenesis	9
Signal transduction mechanisms	8
Transcription, RNA processing and modification	8
Nucleotide transport and metabolism	6
Coenzyme metabolism	5
Energy production and conversion	5
Lipid metabolism	2
Membrane Transport	1

All stress conditions

General function prediction only	43
Hypothetical	28
Cellular Processes	23
Energy production and conversion	9
Coenzyme metabolism	8
Transcription, RNA processing and modification	7
Translation, ribosomal structure and biogenesis	6
Amino acid transport and metabolism	6
Chromatin structure and dynamics, DNA replication, recombination and repair	6
Carbohydrate transport and metabolism	3
Nucleotide transport and metabolism	2
Signal transduction mechanisms	1
Lipid metabolism	1

Ethanol shock (3.9 g.L⁻¹)

Hypothetical	80
General function prediction only	73
Cellular Processes	48
Translation, ribosomal structure and biogenesis	39
Amino acid transport and metabolism	12
Transcription, RNA processing and modification	12
Energy production and conversion	11
Signal transduction mechanisms	10
Chromatin structure and dynamics, DNA replication, recombination and repair	9
Carbohydrate transport and metabolism	7
Nucleotide transport and metabolism	6
Coenzyme metabolism	5
Lipid metabolism	4