Table S1. cAMP-mediated biological processes under heat stress

Biological Processes	References
Cellular calcium ion homeostasis	[1–4]
Chaperone-mediated protein folding	[1–4]
Chloroplasts-associated	[2–4]
Cytoskeleton organization	[1–4]
Defense response, incompatible interaction	[2–4]
Detection of biotic stimulus	[1–4]
Hydrogen peroxide metabolic process	[1–4]
Ion transport and cell signaling	[1–4]
Lipid oxidation	[2–4]
Macromolecular complex assembly	[2–4]
Macromolecule metabolic process	[2–4]
Malate metabolic process	[2–4]
Membrane fusion	[2–4]
Mitochondria-associated	[2–4]
mRNA metabolic process	[2–4]
Phytohormone biosynthesis and homeostasis	[2–4]
Proteasomal degradation	[2–4]
Protein metabolic process	[2–4]
Protein phosphorylation	[2–4]
Regulation of cell death	[2–4]
Response to hormone (abscisic acid, auxin, salicylic acid)	[2–4]
Small GTPase mediated signal transduction	[2–4]
Transcription and translation	[2–4]
Vacuolar transport	[2–4]

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