

Table S9 – Classification of the up-regulated genes represented in Table II into GO categories (provided by CADRE), according to the three most important biological processes and molecular functions.

	Biological processes	Molecular functions
Ethanol vs Glucose	<ul style="list-style-type: none"> • Generation of precursor metabolites and energy • Main pathways of carbohydrate metabolism • Acetyl-CoA metabolism 	<ul style="list-style-type: none"> • Oxidoreductase activity • Oxidoreductase activity, acting on the aldehyde or oxo group of donors • Oxidoreductase activity, acting on the aldehyde or oxo group of donors, NAD or NADP as acceptor
Ethanol vs Glycerol	<ul style="list-style-type: none"> • Main pathways of carbohydrate metabolism • Energy derivation by oxidation of organic compounds • Organic acid metabolism 	<ul style="list-style-type: none"> • Oxidoreductase activity • Transaminase activity • Transferase activity, transferring nitrogenous groups
Glycerol vs Glucose	<ul style="list-style-type: none"> • Cell wall • Cell wall (sensu Fungi) • External encapsulating structure 	<ul style="list-style-type: none"> • Glucan 1,3-beta-glucosidase activity • Beta-glucosidase activity • Hydrolase activity, hydrolyzing O-glycosyl compounds

Table S10 – Classification of the down-regulated genes represented in Table II into GO categories (provided by CADRE), according to the three most important biological processes and molecular functions.

	Biological processes	Molecular functions
Ethanol vs Glucose	<ul style="list-style-type: none"> • Monosaccharide metabolism • Hexose metabolism • Alcohol metabolism 	<ul style="list-style-type: none"> • Carbohydrate kinase activity • Intramolecular oxidoreductase activity • Isomerase activity
Ethanol vs Glycerol	<ul style="list-style-type: none"> • Glucose metabolism • Hexose metabolism • Carbohydrate metabolism 	<ul style="list-style-type: none"> • Intramolecular oxidoreductase activity • Hydrolase activity, hydrolyzing O-glycosyl compounds • Isomerase activity
Glycerol vs Glucose	<ul style="list-style-type: none"> • Cell wall biosynthesis (sensu Fungi) • Cell wall organization and biogenesis (sensu Fungi) • Cell wall biosynthesis 	<ul style="list-style-type: none"> • Heat shock protein activity • Alpha-glucosidase activity • Glucosidase activity