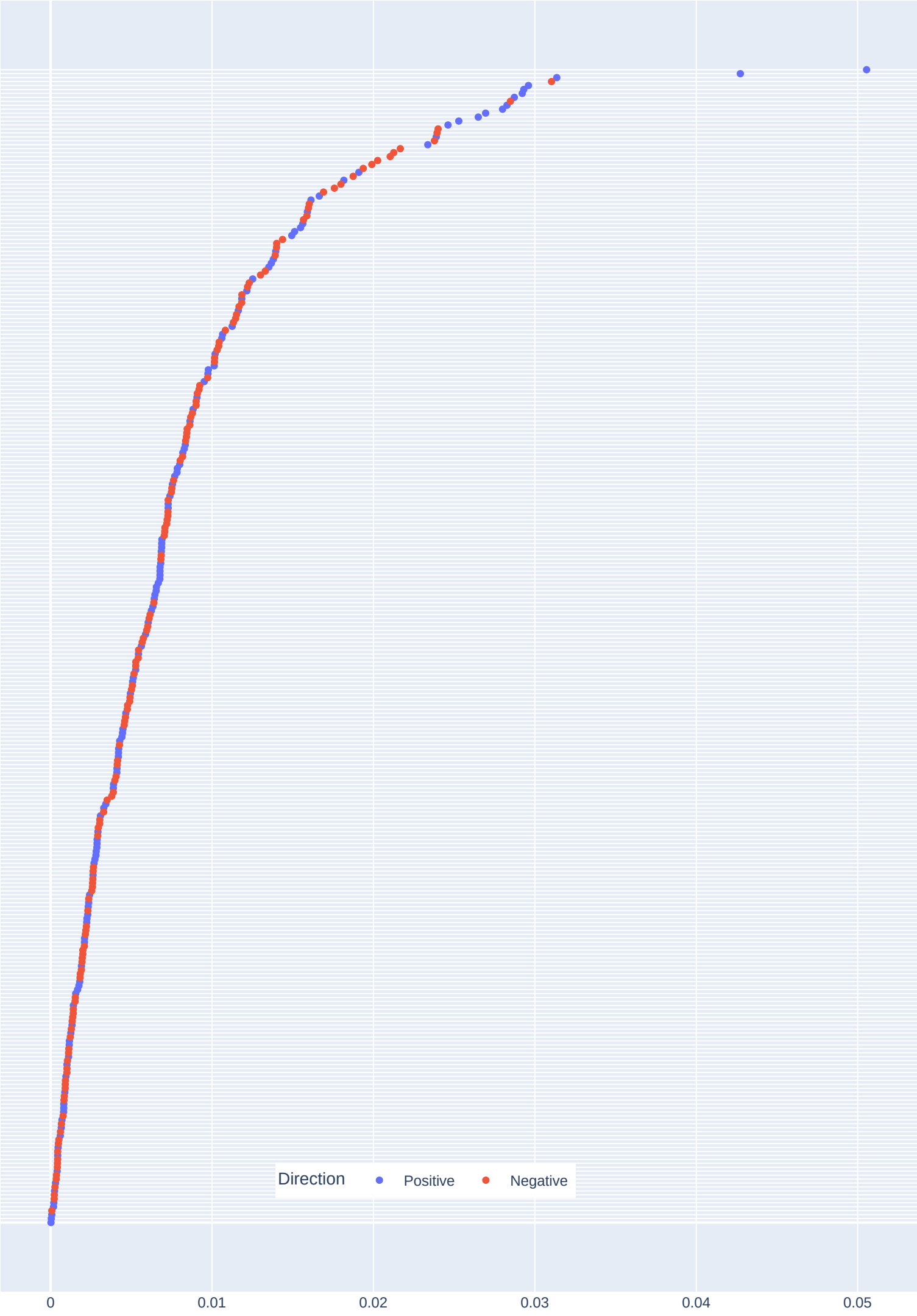


Phosphotransferase subunit DhaM of the dihydroxyacetone kinase DhaKLM complex, contains FAS-5
Uncharacterized conserved protein YurE, contains a conserved domain
Predicted RNA repair component, a phosphatase
Regulator of PE synthase-psr, kinase domain
Gamma-glutamyl-gamma-aminobutyrate hydrolase PuaB, contains a conserved domain
Uncharacterized conserved protein YibG, contains a conserved domain
mRNA-degrading endonuclease RelE, toxin component of the RelBE
Uncharacterized stress-responsive protein, contains a conserved domain
Midasin, ribosomal VOR domain
23S rRNA
Stereoselective (R,S)-S-adenosylmethionine synthase
Predicted gamma-glutamyl-glutamate hydrolase
Cytosine/adenosine deaminase
ECF-type histidine kinase
Regulator of histidine kinase
Small heat shock protein
Predicted transcriptional regulator, contains an Archaeal transcription factor domain
Uncharacterized conserved protein YnfH, contains a von Willebrand factor type A domain
Ribonuclease H1-related protein YnfH, contains a von Willebrand factor type A domain
Peptidoglycan/LPS O-acetylase OafA/YrhL, contains a conserved domain
Uncharacterized conserved protein YnfH, contains a von Willebrand factor type A domain
ABC-type glutathione transport system ATPase domain
Heme biosynthesis
Uncharacterized conserved protein YnfH, contains a von Willebrand factor type A domain
Glycerol dehydrogenase
Cytoplasmic ATP-dependent L-lysine CTP-phosphocholine
Mn-dependent phosphatase
DnaL class II DNA replication factor
Predicted carboxylate dehydratase
Membrane-anchored protein YnfH, putative component of the photosynthetic reaction center
NADH:ubiquinone oxidoreductase
NADPH-dependent formate dehydrogenase
WFA (von Willebrand factor type A) domain
ssDNA-specific exonuclease RecJ, DHH superfamily, may be involved in DNA repair
5-carboxymethyl-UMP synthase
Predicted branched-chain amino acid homeostasis
Beta-phosphoglucomutase
Primase-polymerase
DNA repair protein RadC, Type II secretion system
Neuraminidase (sialinidase)
FKBP-type peptidyl transferase
Putative translation regulator, contains a conserved domain
Uncharacterized conserved protein YnfH, contains a von Willebrand factor type A domain
MFS family permease, includes anhydromurex
ABC-type transporter
Predicted homodimeric ABC-type transporter
Zn/Ni/Co-binding GTPase YnfH, predicted histidine kinase
Type I restriction modification system
Type II secretion system
ABC-type nickel/cobalt efflux pump
Lipopolysaccharide biosynthesis protein
Ubiquinone/menaquinone biosynthesis
Antitoxin component
Uncharacterized conserved protein YnfH, contains a von Willebrand factor type A domain
5-methylcytosine synthase
Thioesterase
Transcriptional regulator of NAD metabolism
ABC-type transport system involved in transport of various substrates
Intracellular sulfur oxidation
Transposase or an inactive one
Chagasin-like inhibitor
Mg2+ and Co2+ transporter CorB, contains a conserved domain
DNA-directed RNA polymerase
Putative heme iron utilization
Extracellular ABC-type transport system
Xanthine/guanine/uracil/vitamin C permease GhxP/GhxQ, contains a conserved domain
Cytoplasmic component of the photosynthetic reaction center
Reactive chlorine type IV pilus assembly protein, ATPase pilQ



Direction ● Positive ● Negative