Top 50 GO Molecular Function Distribution ATP binding metal ion binding DNA-binding transcription factor activity **DNA** binding mRNA binding protein serine/threonine kinase activity zinc ion binding RNA binding transcription cis-regulatory region binding protein serine kinase activity ATP hydrolysis activity structural constituent of ribosome heme binding iron ion binding protein kinase activity protein dimerization activity hydrolase activity GTP binding sequence-specific DNA binding calcium ion binding transferase activity **GO Molecular Function** carbohydrate binding ubiquitin-protein transferase activity oxidoreductase activity monooxygenase activity protein homodimerization activity oxidoreductase activity, acting on paired donors, with nucleic acid binding kinase activity GTPase activity identical protein binding calmodulin binding copper ion binding ADP binding glycosyltransferase activity transmembrane transporter activity protein heterodimerization activity magnesium ion binding microtubule binding methyltransferase activity ubiquitin protein ligase activity serine-type endopeptidase activity myosin phosphatase activity lipid binding

