



activation of MAPK activity

negative regulation of kinase activity

regulation of protein phosphorylation

positive regulation of phosphorylation regulation of phosphorus metabolic process positive regulation of metabolic process

regulation of phosphate metabolic process

stress-activated protein kinase signaling cascade

regulation of kinase activity

negative regulation of transferase activity

positive regulation of protein metabolic process regulation of phosphorylation positive regulation of kinase activity

regulation of protein kinase activity positive regulation of phosphorus metabolic process

regulation of transferase activity

positive regulation of cellular metabolic process

positive regulation of nitrogen compound metabolic process regulation of protein modification process positive regulation of phosphate metabolic process

positive regulation of protein kinase activity positive regulation of cellular protein metabolic process

positive regulation of transferase activity

regulation of cellular protein metabolic process

positive regulation of protein phosphorylation

positive regulation of protein modification process

positive regulation of macromolecule metabolic pregnation of metabolic process

