SHIGELLOSIS Basolateral membrane Absorptive epithelial cell Shigella dysenteria Shigella flexneri Shigella boydii Shigella sonnei Type III secretion system effectors K12366.. K13742 Bacterial invasion of epithelial cells K04438 K13708 Type III protein K06619 secretion system K13286 0 Microtuble destabilization K13286 K06484 Regulation of actin K13287 K12785 K05719 cytoskeleton K13285 K05753... K13284 K06256 Focal adhesion Major actin rearrangements K13085 0 PIP2 K05740 K13743 K04514. K12679 Membrane ruffling K12785 Motility Phagocytosis K13790 Autophagyescape Regulation of autophagy Type III protein secretion system K13450 K13791 Inflammatory suppression MAPK signaling pathway Peptidoglycan ľ-p K04441 K08846 K10030 DNA mRNA Nod-like receptor signaling pathway K07210 K02581.. K07209 +u Inflammatory suppression K13792 UbcH5b K03362 Cell cycle G2/IVI cell cycle arrest Focal adhesion K13793 Delamination suppression Inhibition of protein synthesis K11007 FO Gb3 Fluid secretion into the intestine K11011... 05131 2/23/15 (c) Kanehisa Laboratories