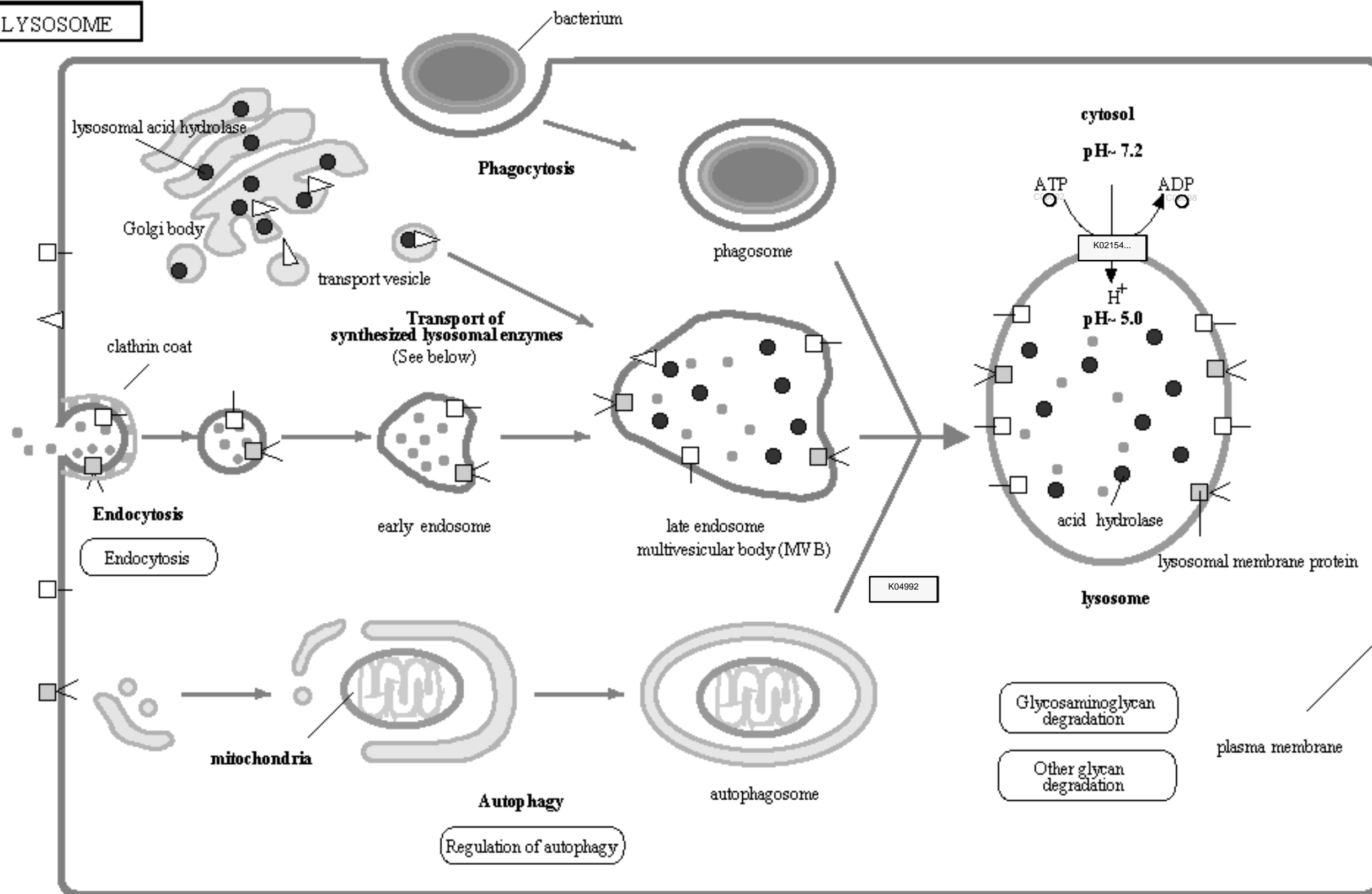


# LYSOSOME



## Lysosomal acid hydrolases

### proteases

K13289... K08565 K01369 K01279

### glycosidases

K01189 K12309 K12316 K01201 K01217  
K01204 K01205 K01202 K01195 FUCA1  
K12373 K01192 K12311 K01186 HYAL1

### sulfatases

K01134... K01132 K01137 K01136 K01565

### lipases

K01052 K06129 K01158 K14410 K14379

### sphingomyelinase

K12350

### ceramidase

K12348

### aspartylglucosaminidase

K01444

## Other lysosomal enzymes and activators

K12382 K12383 K01074

## Lysosomal membrane proteins

### major lysosomal membrane proteins

K06528... K06497...

### minor lysosomal membrane proteins

K12385... K12386 K12301 K12347 K12387  
K05642 K05656 K14410 K06546 K12305  
K12388 K12389 K12390 K12307 K10532  
K04992 K19363

