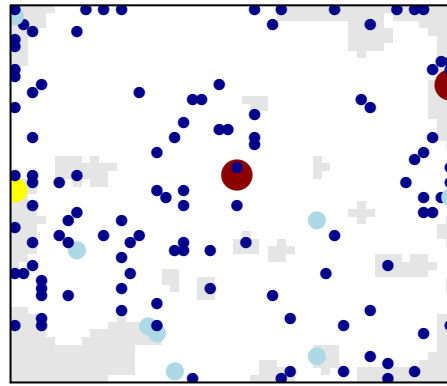


# Phosphatidylinositol signaling system

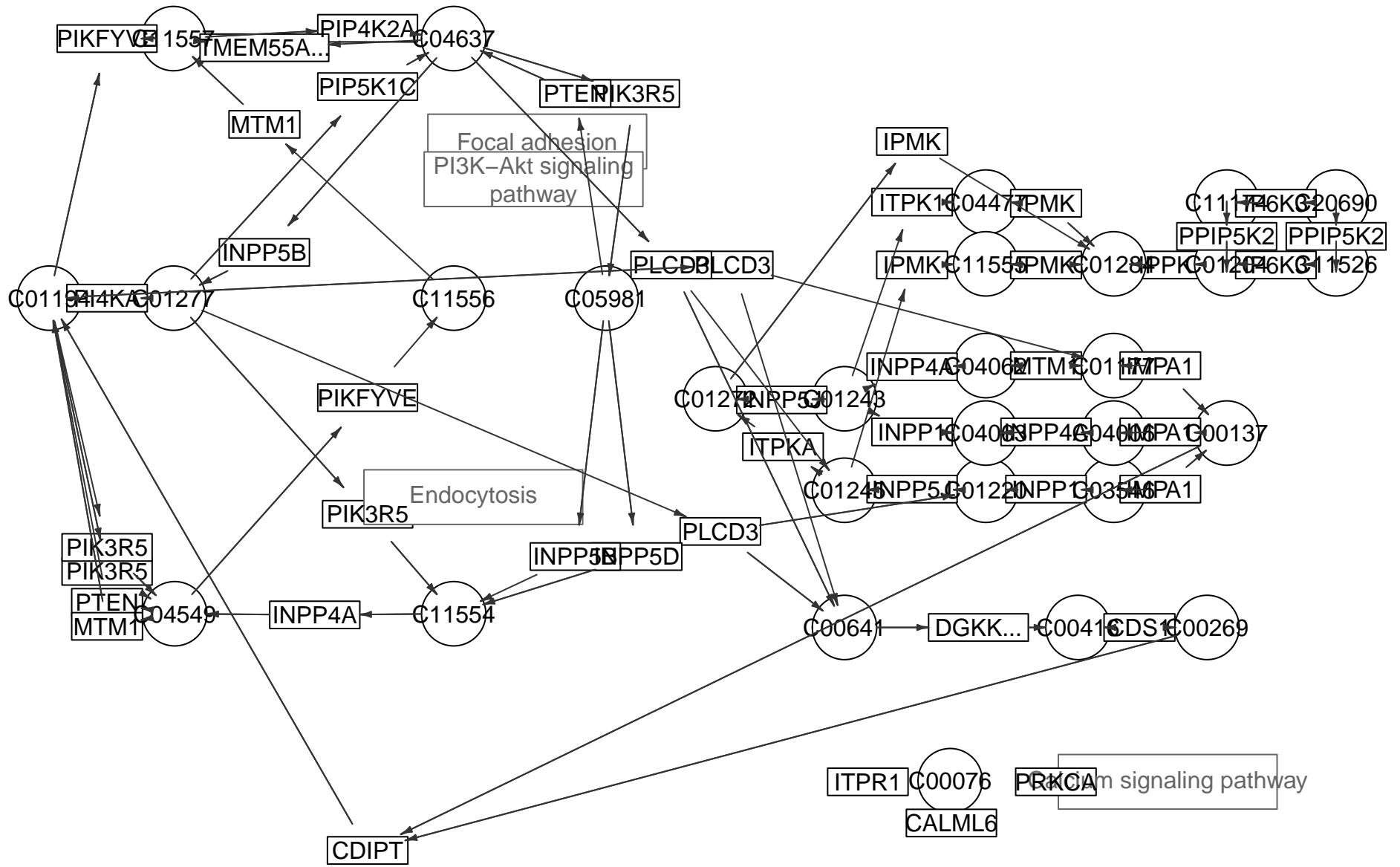
all genes



maximum = 4

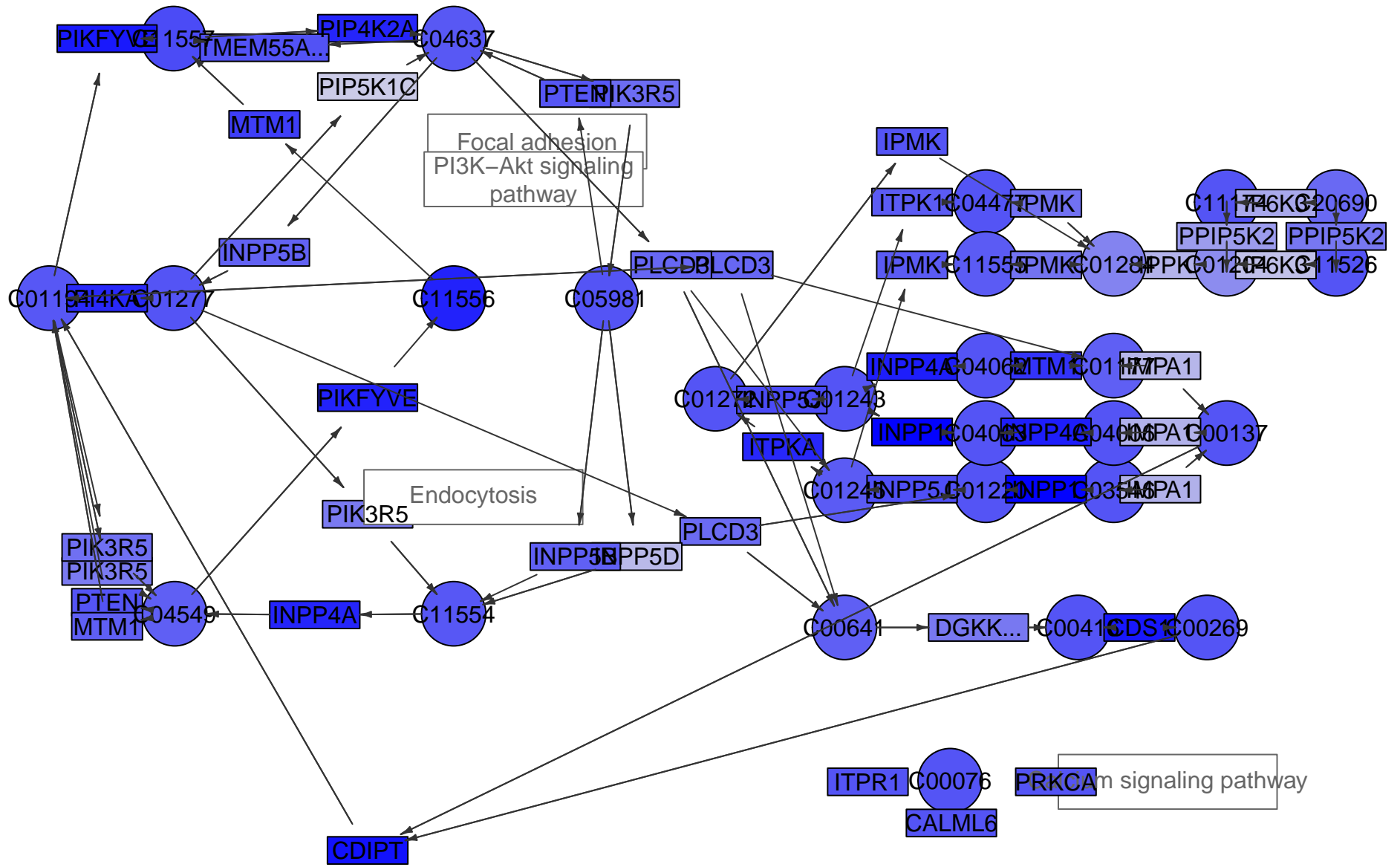


Phosphatidylinositol signaling system (sink nodes)



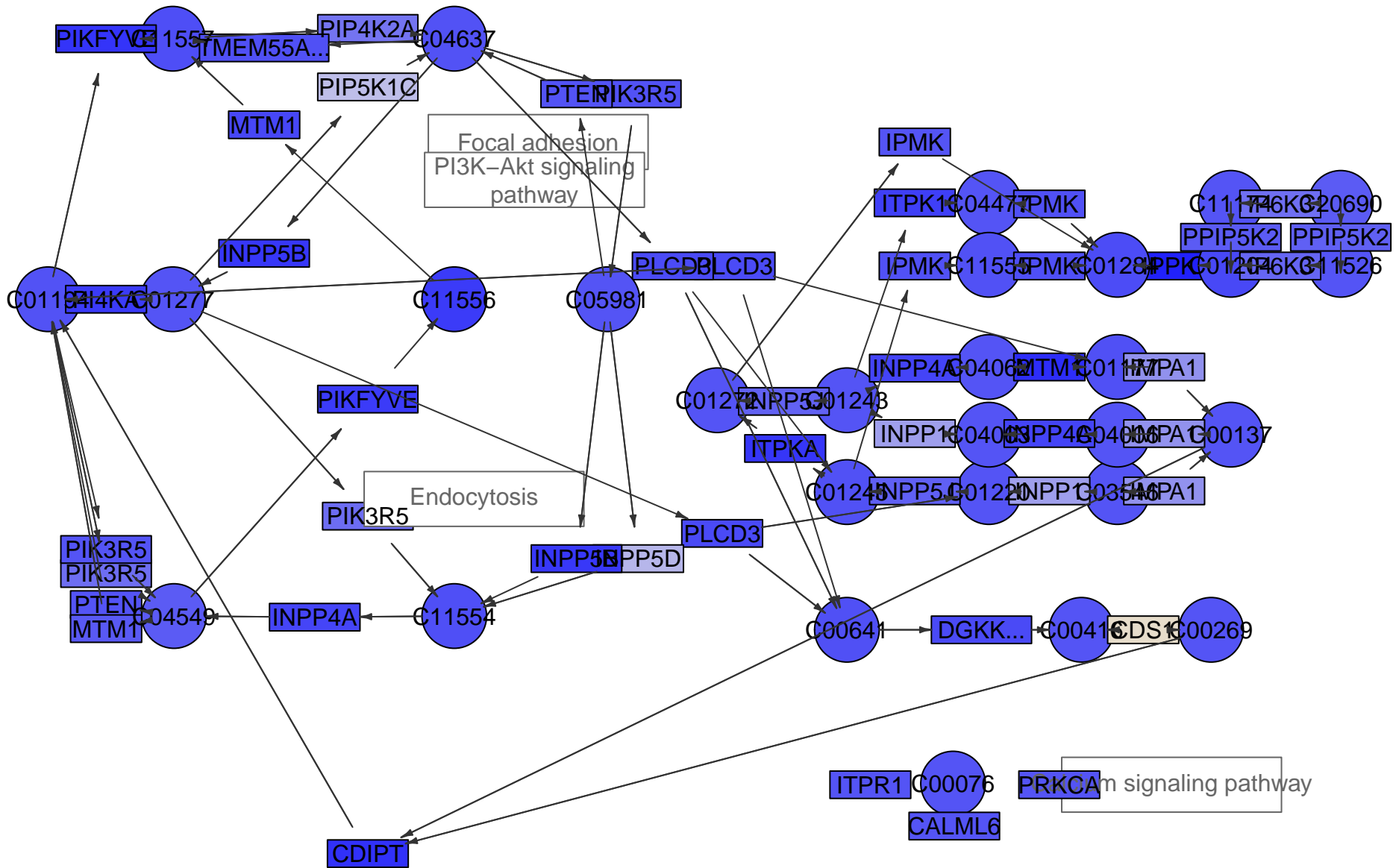
# Phosphatidylinositol signaling system

MPI-001



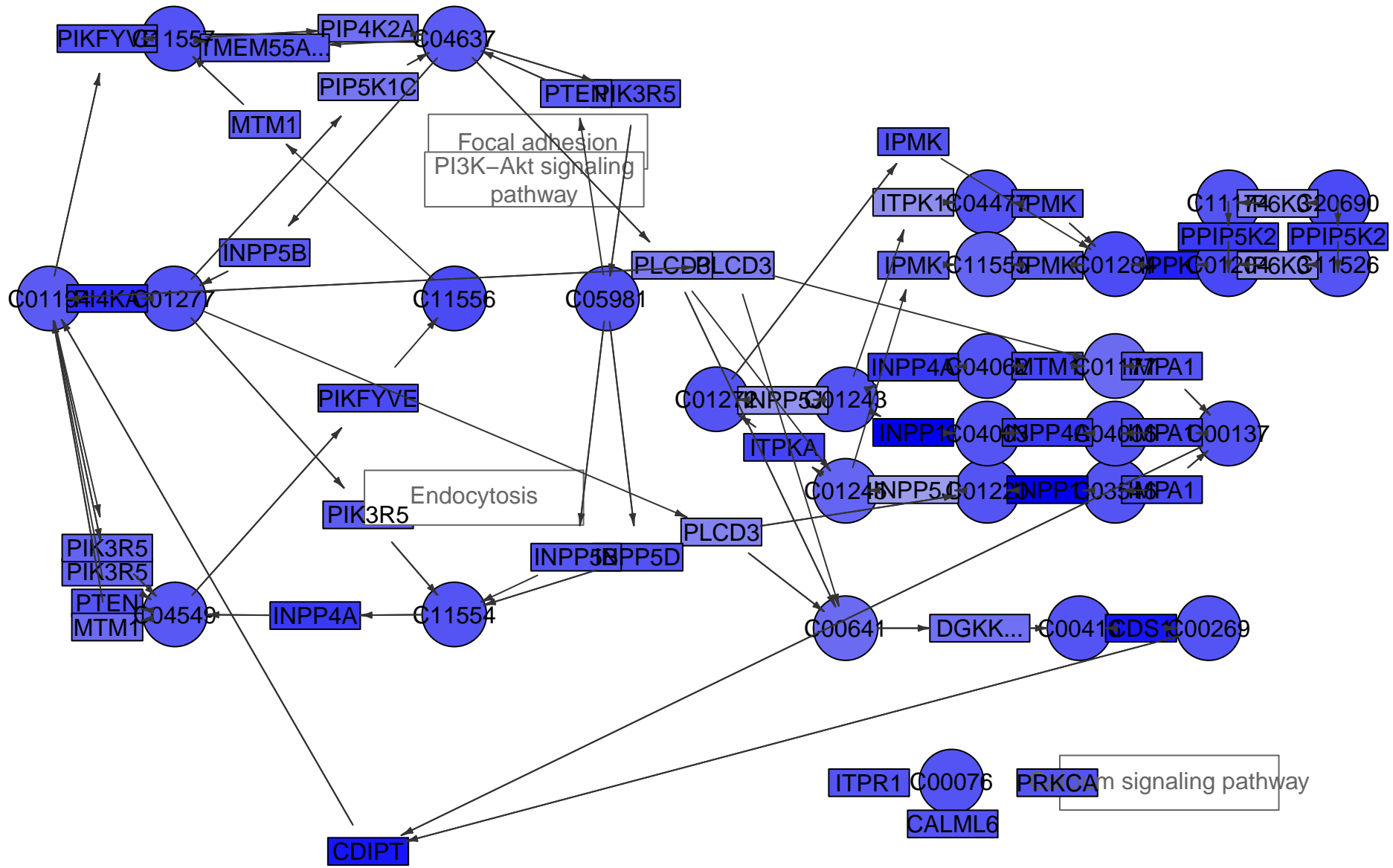
# Phosphatidylinositol signaling system

MPI-002



# Phosphatidylinositol signaling system

MPI-003



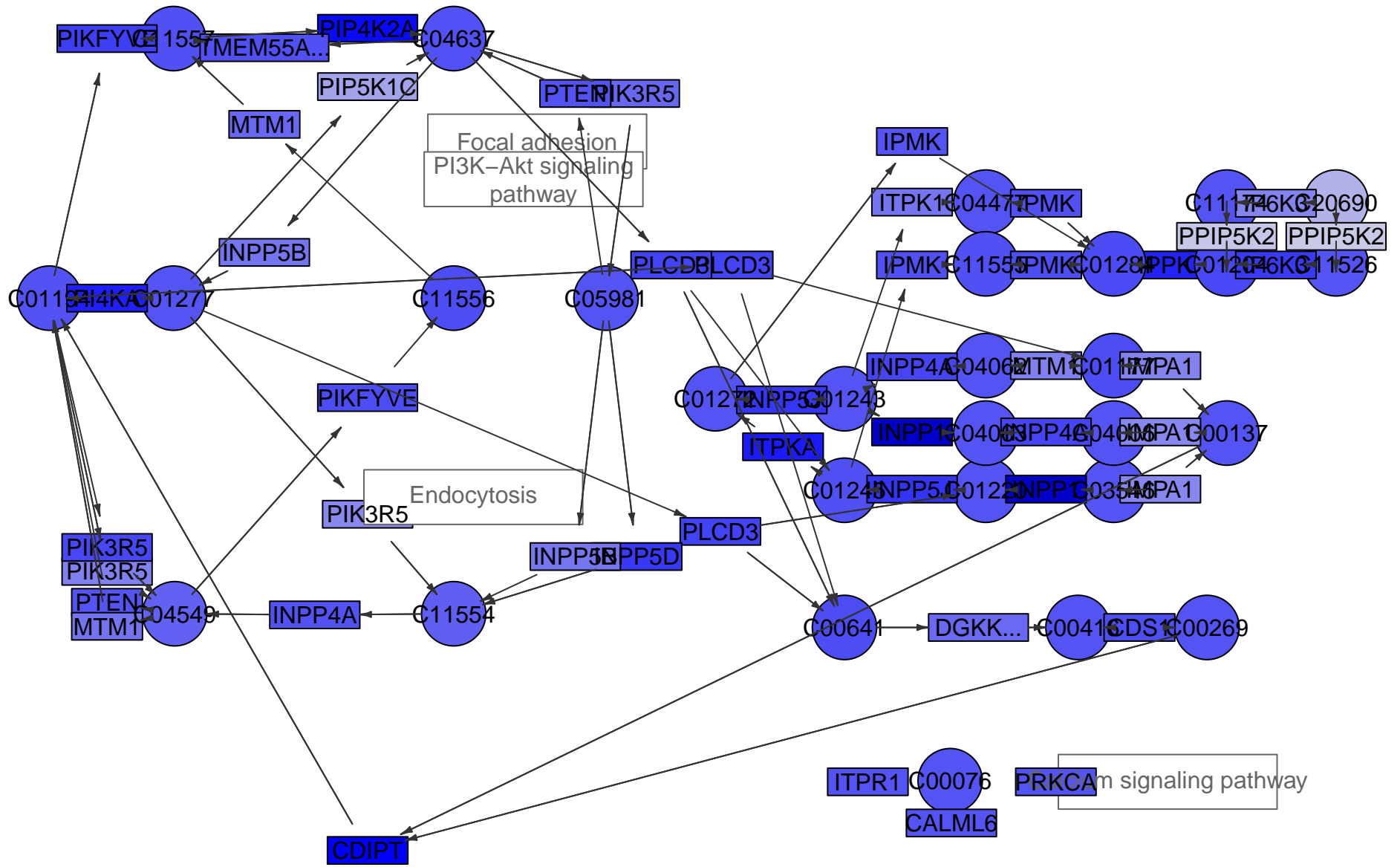






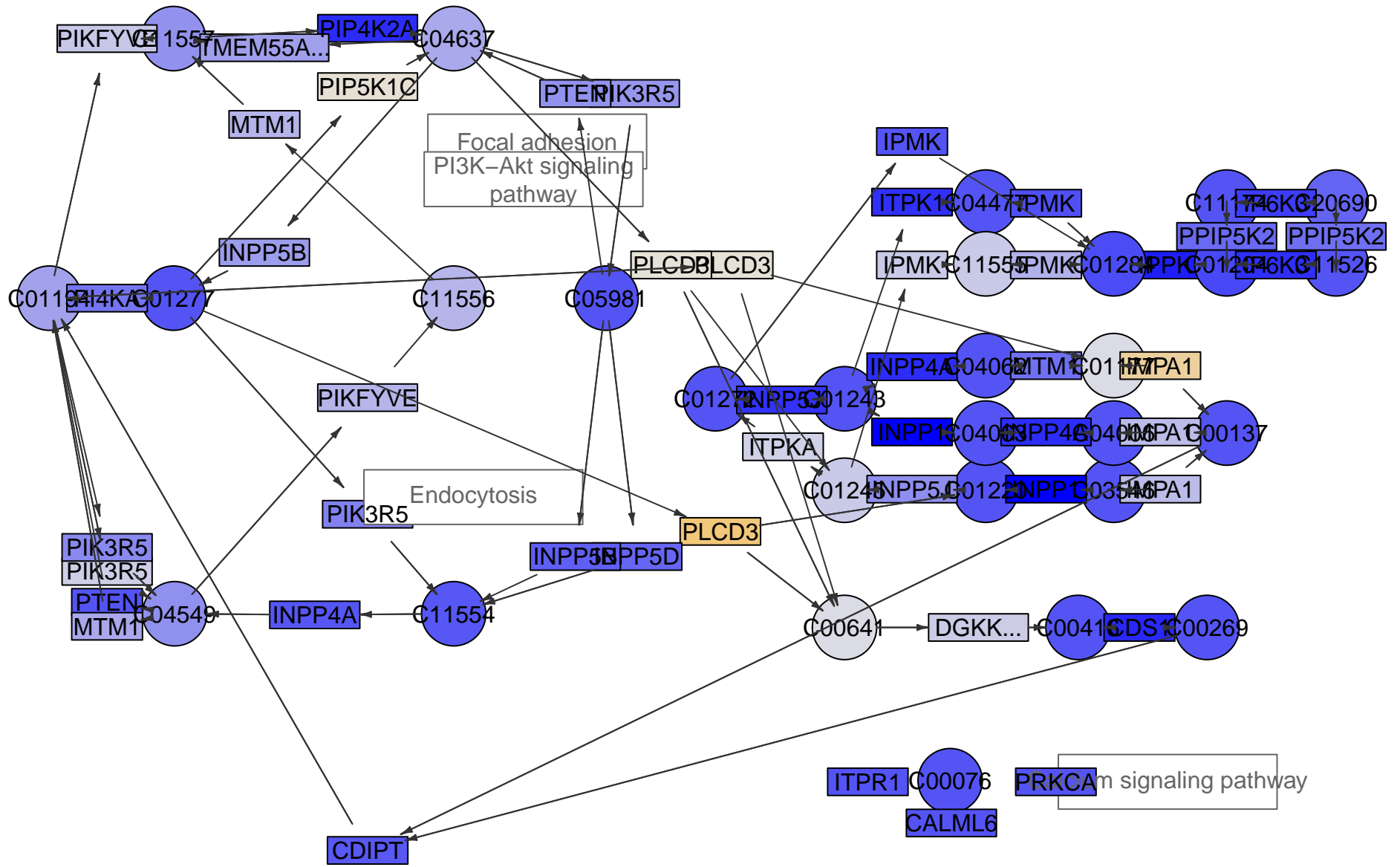
# Phosphatidylinositol signaling system

MPI-016





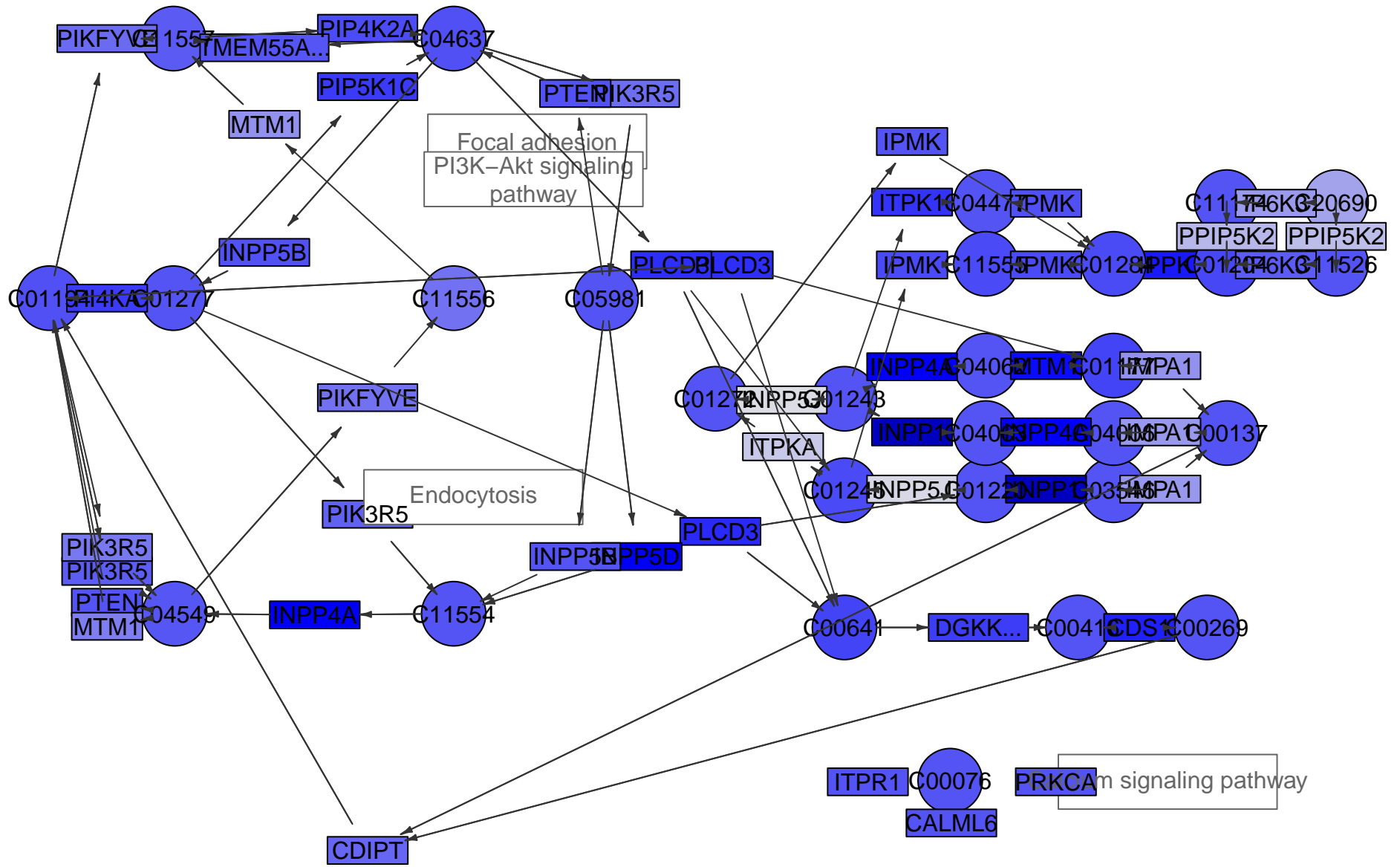
Phosphatidylinositol signaling system  
MPI-018





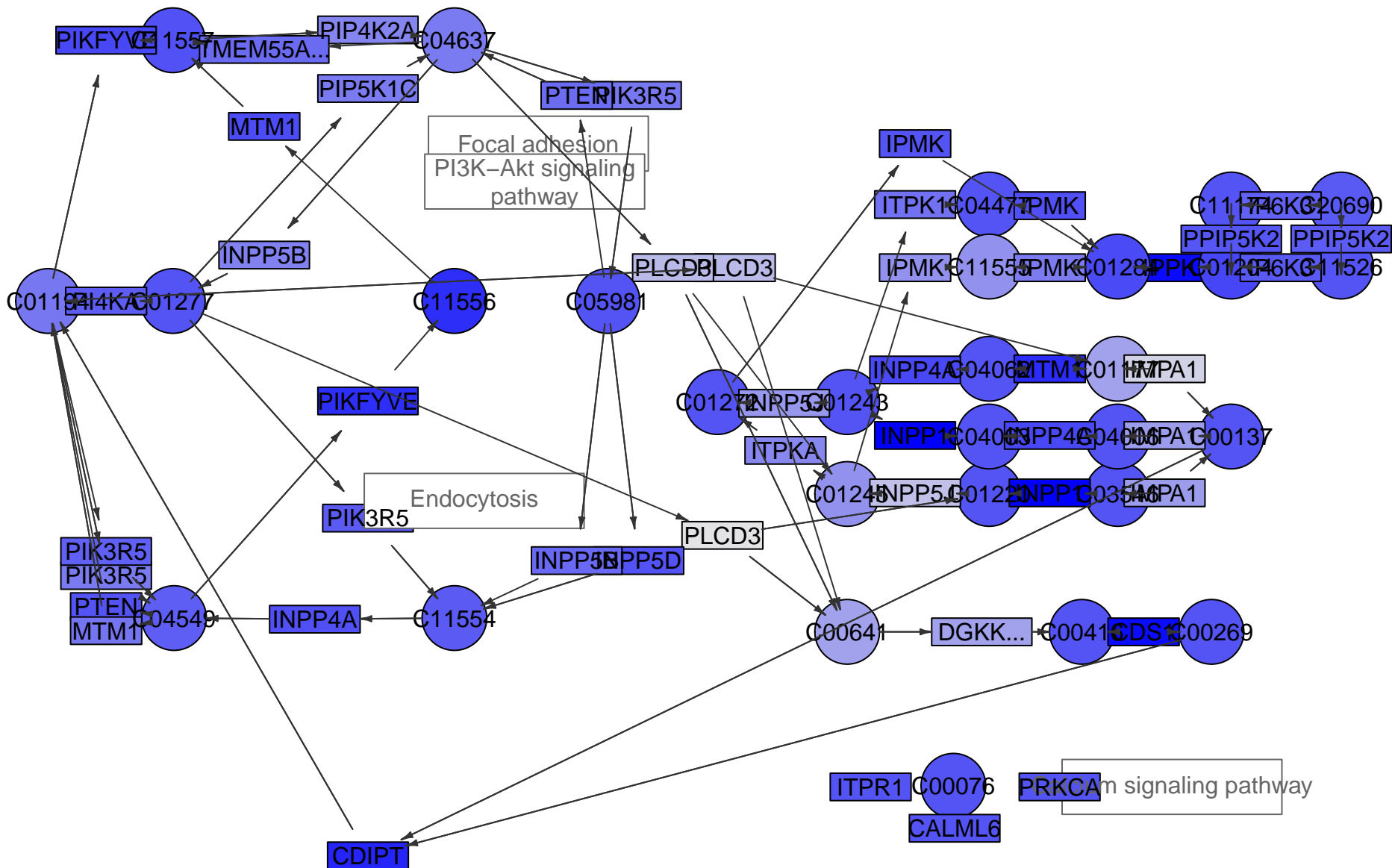
# Phosphatidylinositol signaling system

MPI-028



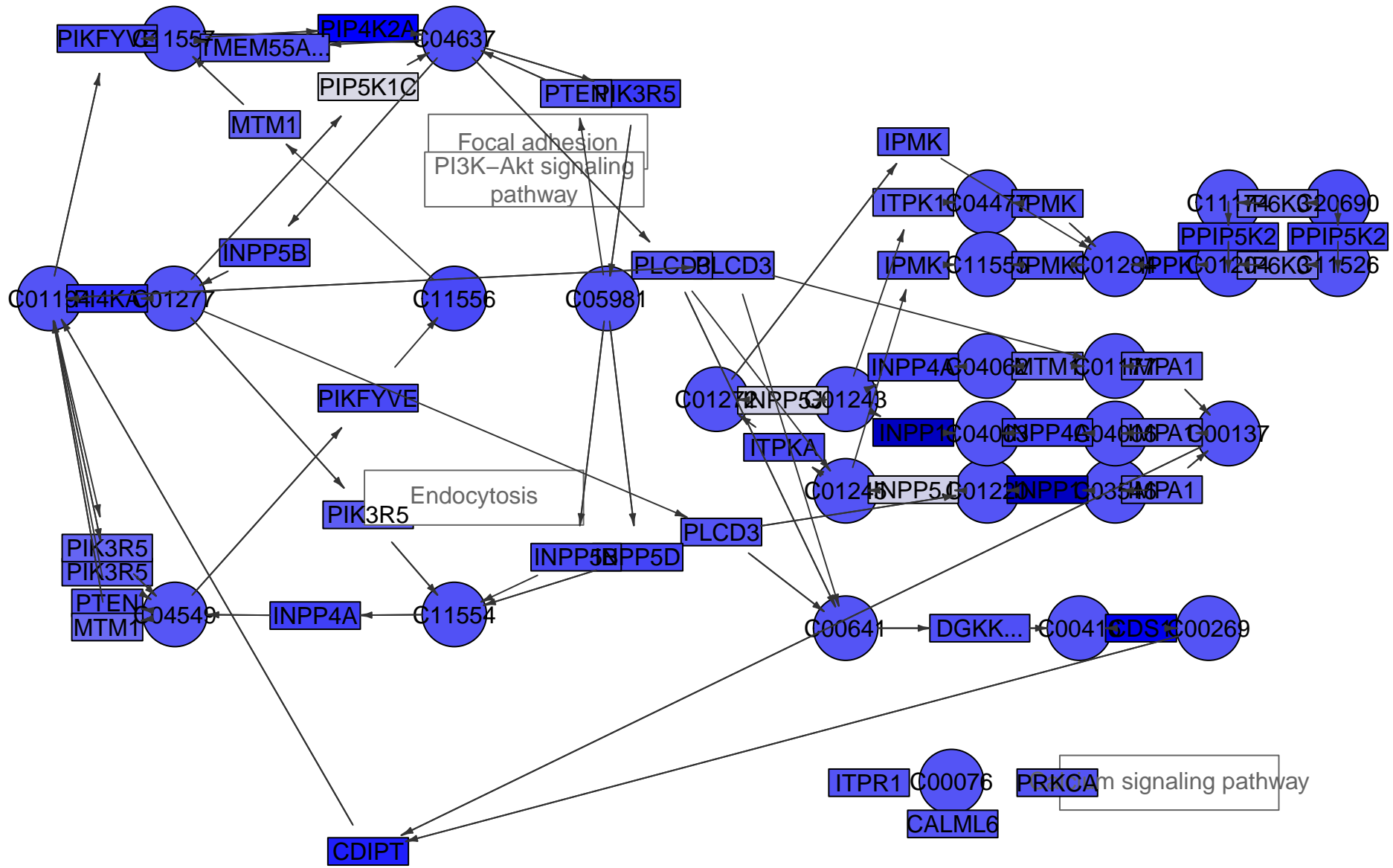
# Phosphatidylinositol signaling system

MPI-032



Phosphatidylinositol signaling

MPI-033



Focal adhesion  
PI3K-Akt signaling  
pathway

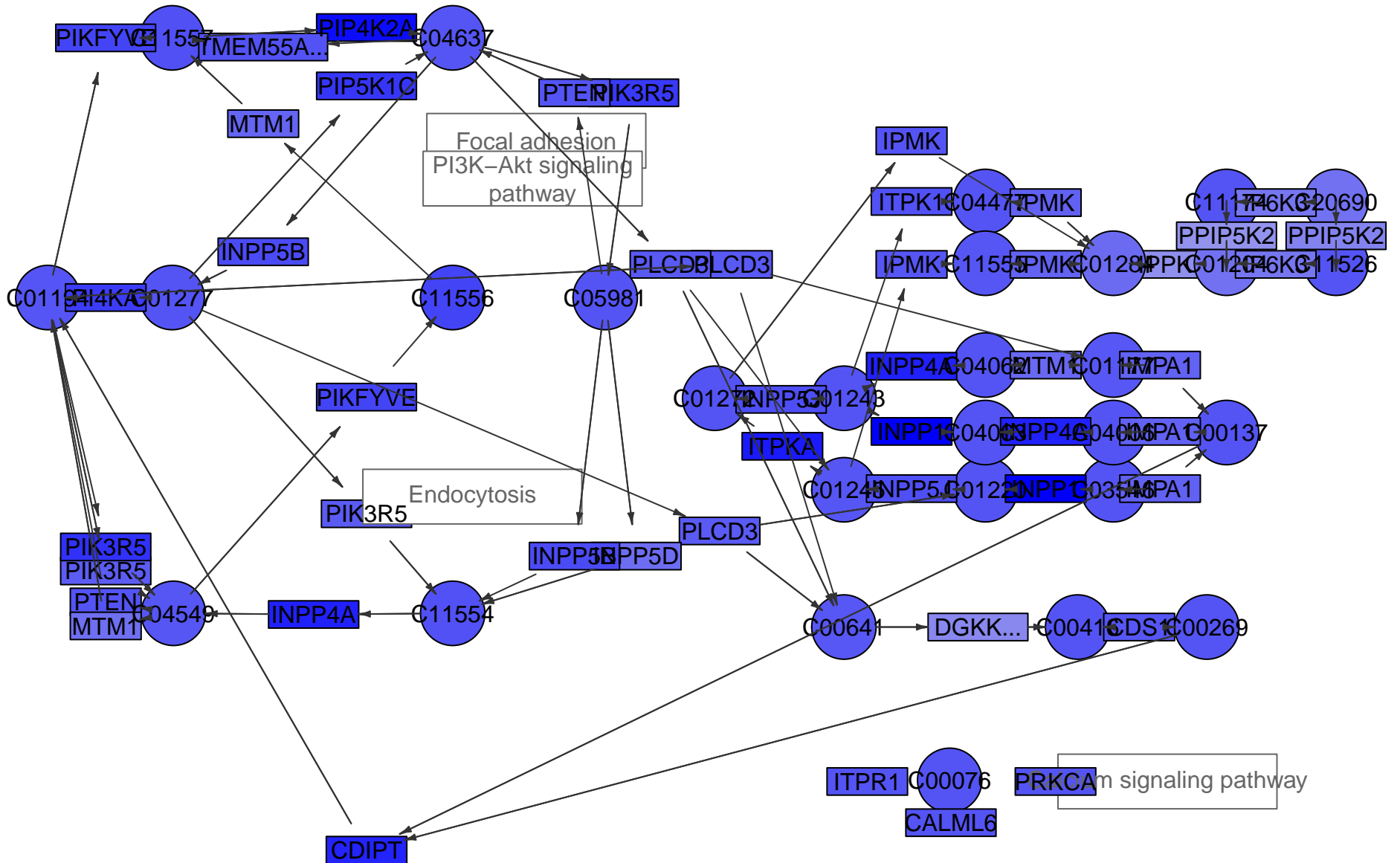
Endocytosis

m signaling pathway

Phosphatidylinositol signaling

system

MPI-034



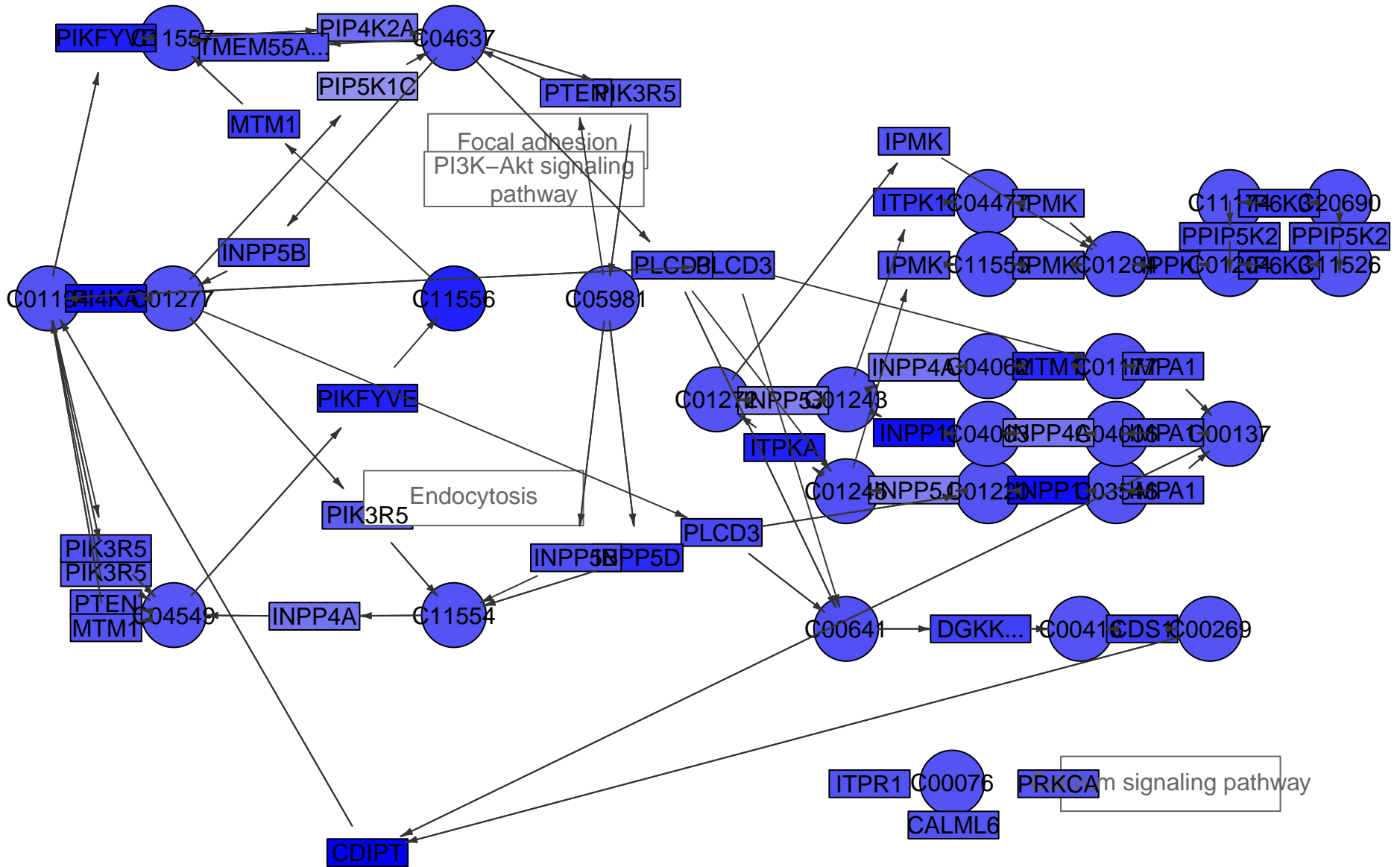






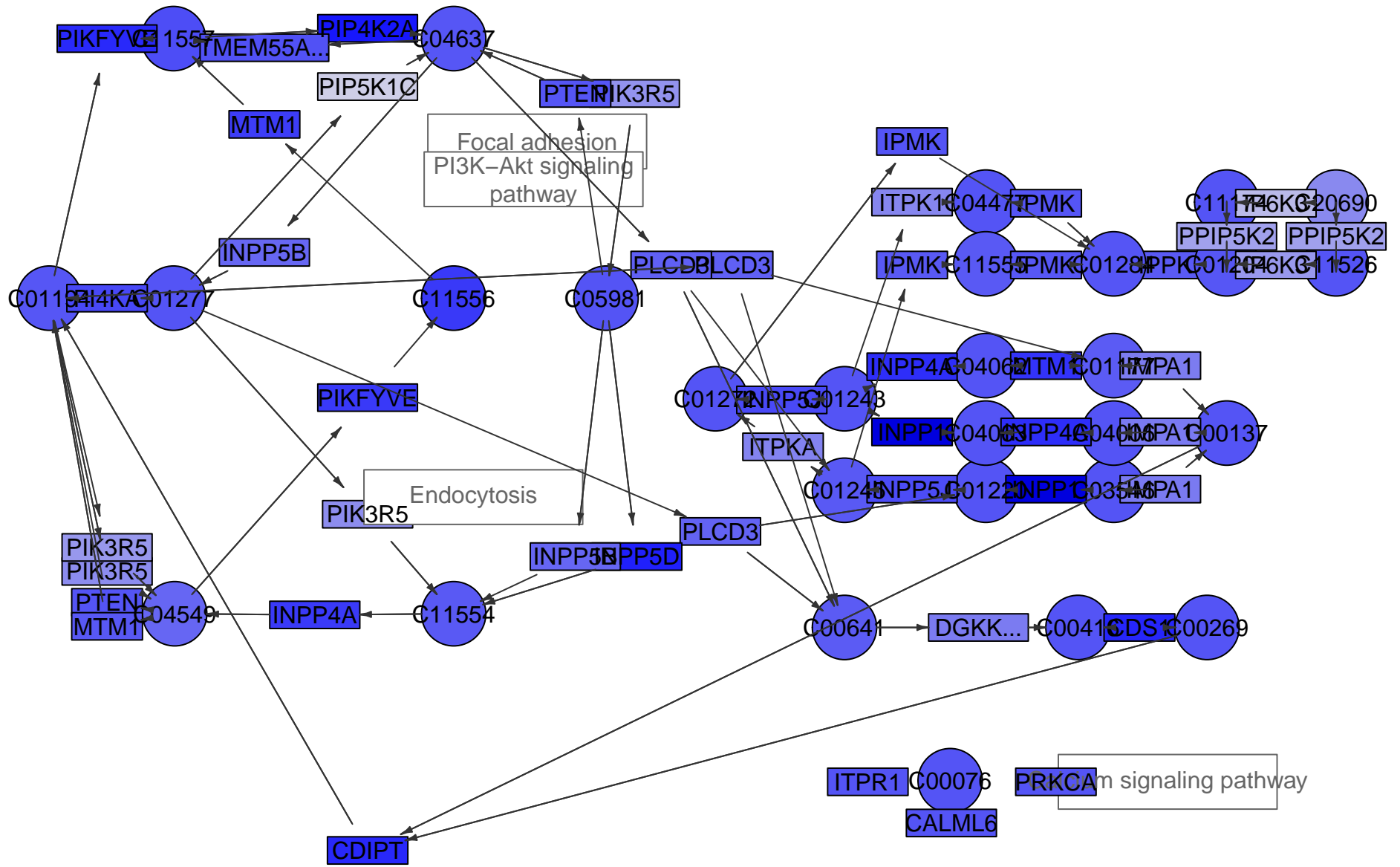
Phosphatidylinositol signaling

MPI-048



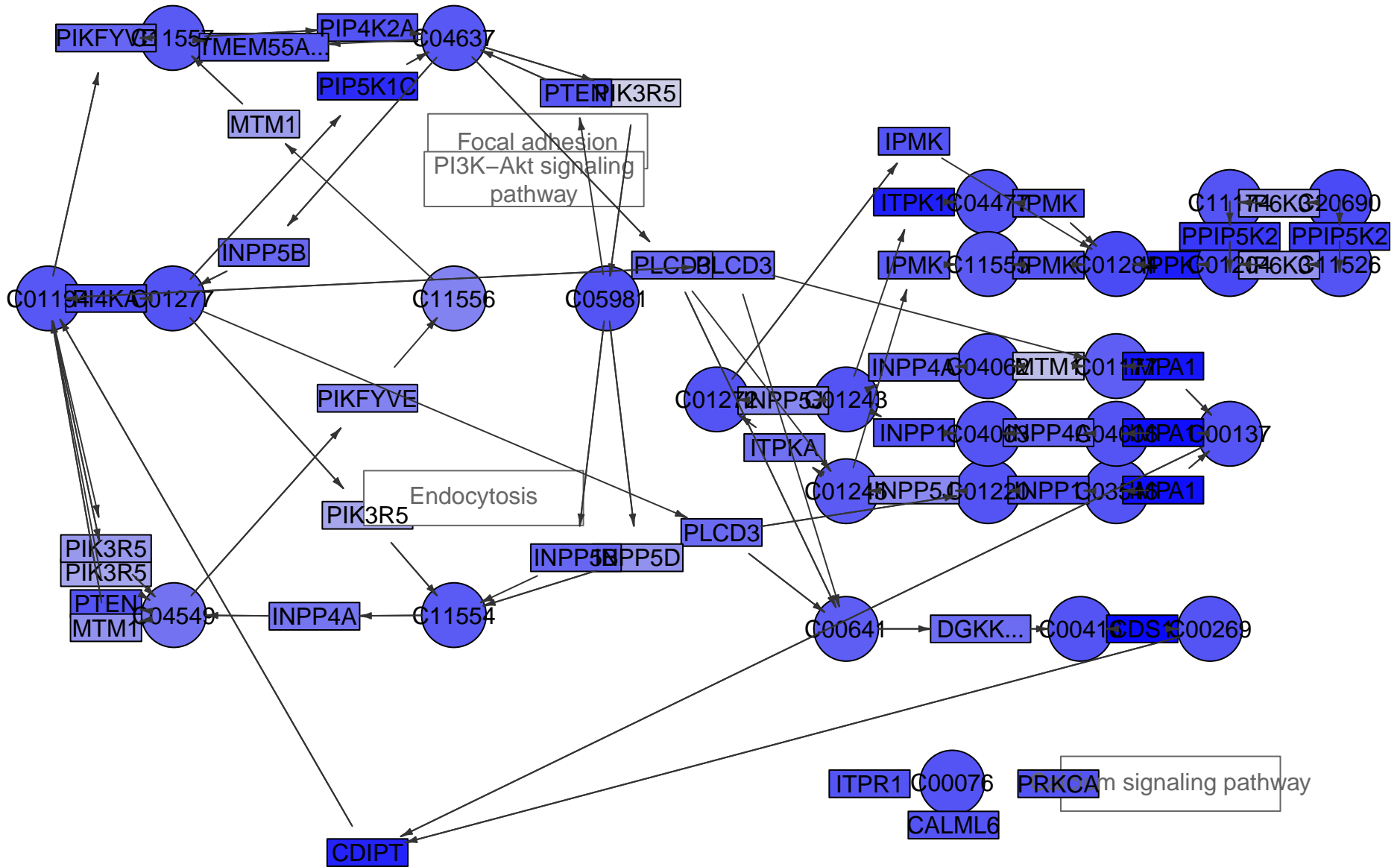
# Phosphatidylinositol signaling system

MPI-055



# Phosphatidylinositol signaling system

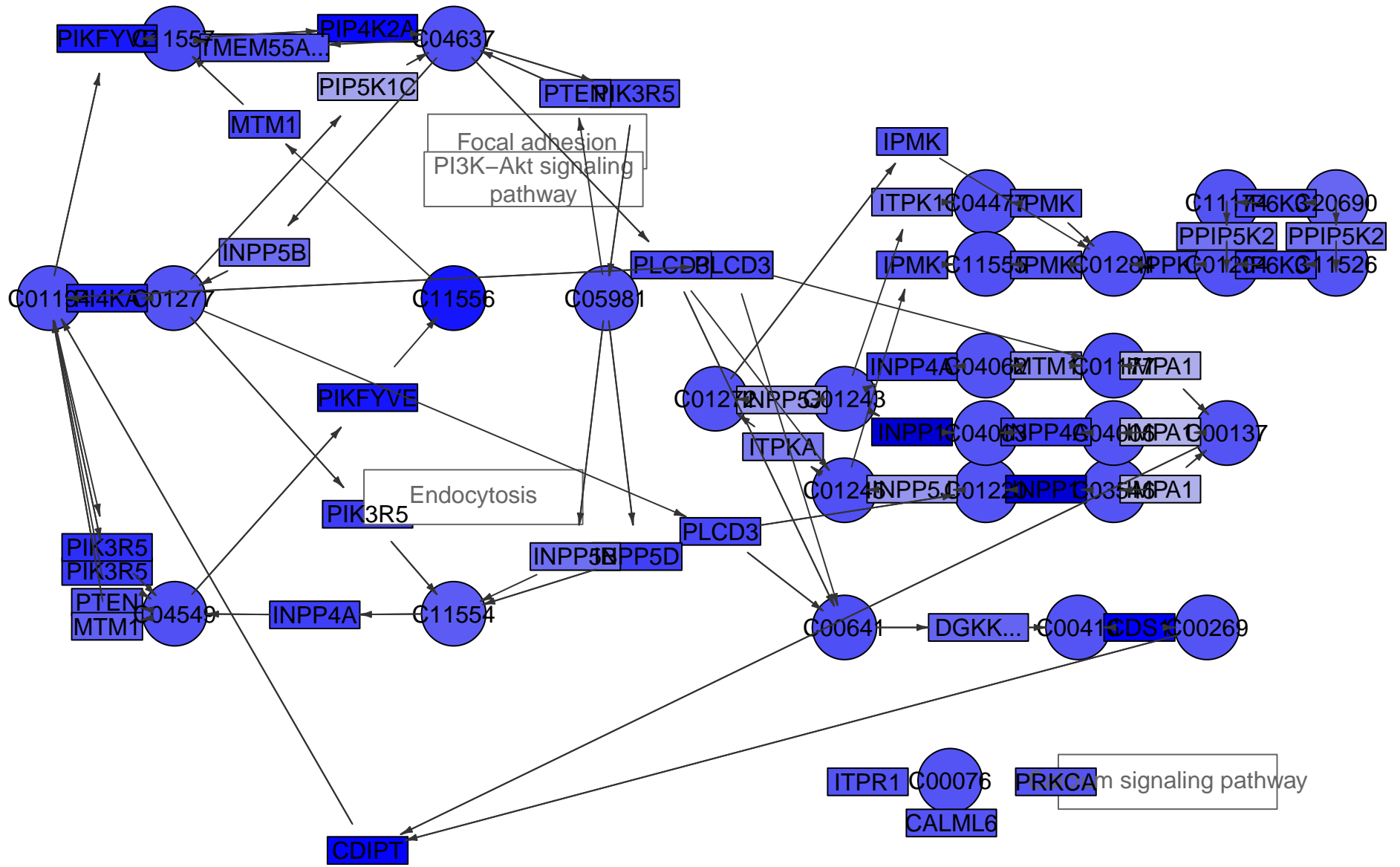
MPI-065





# Phosphatidylinositol signaling system

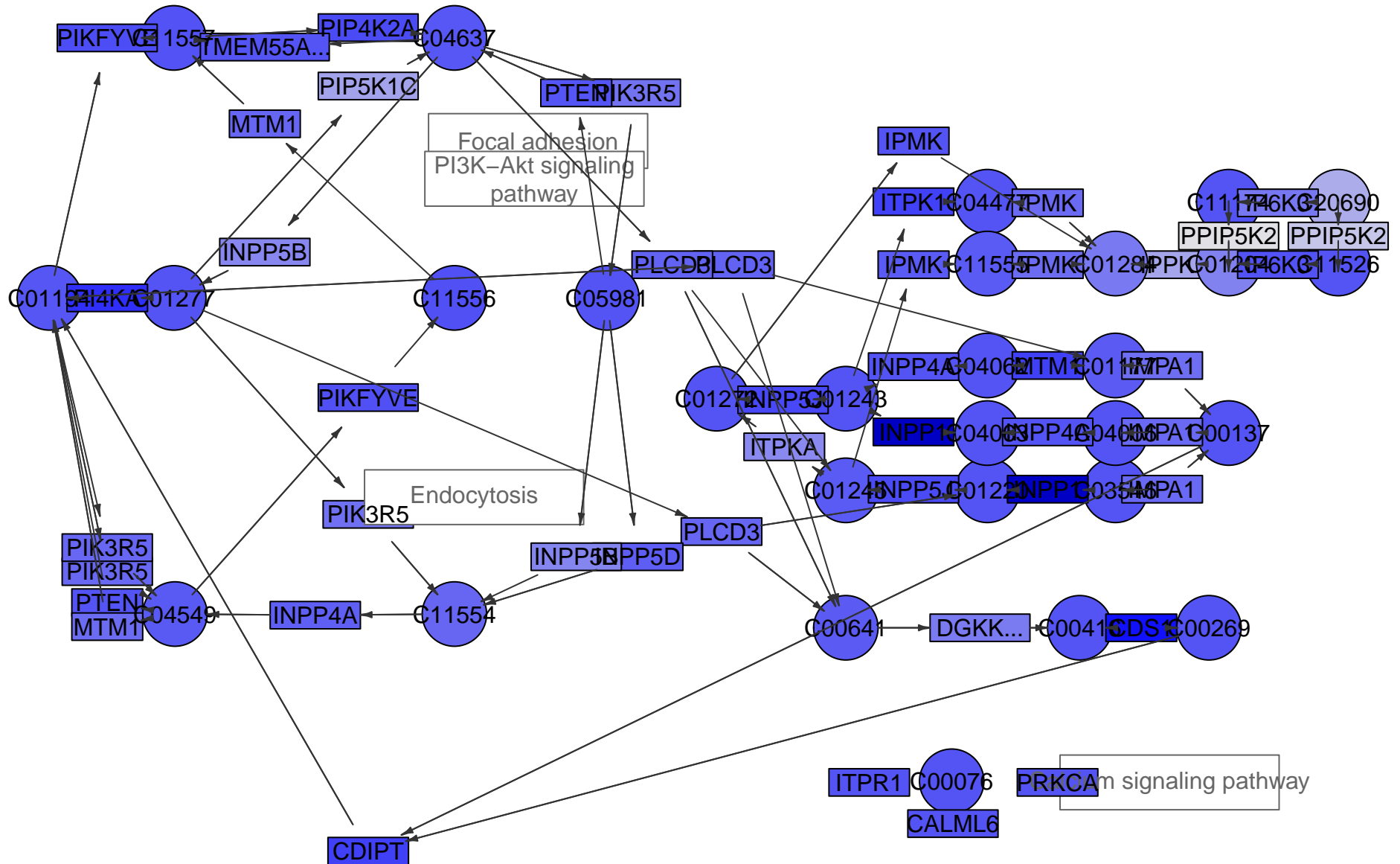
MPI-075



# Phosphatidylinositol signaling system

system

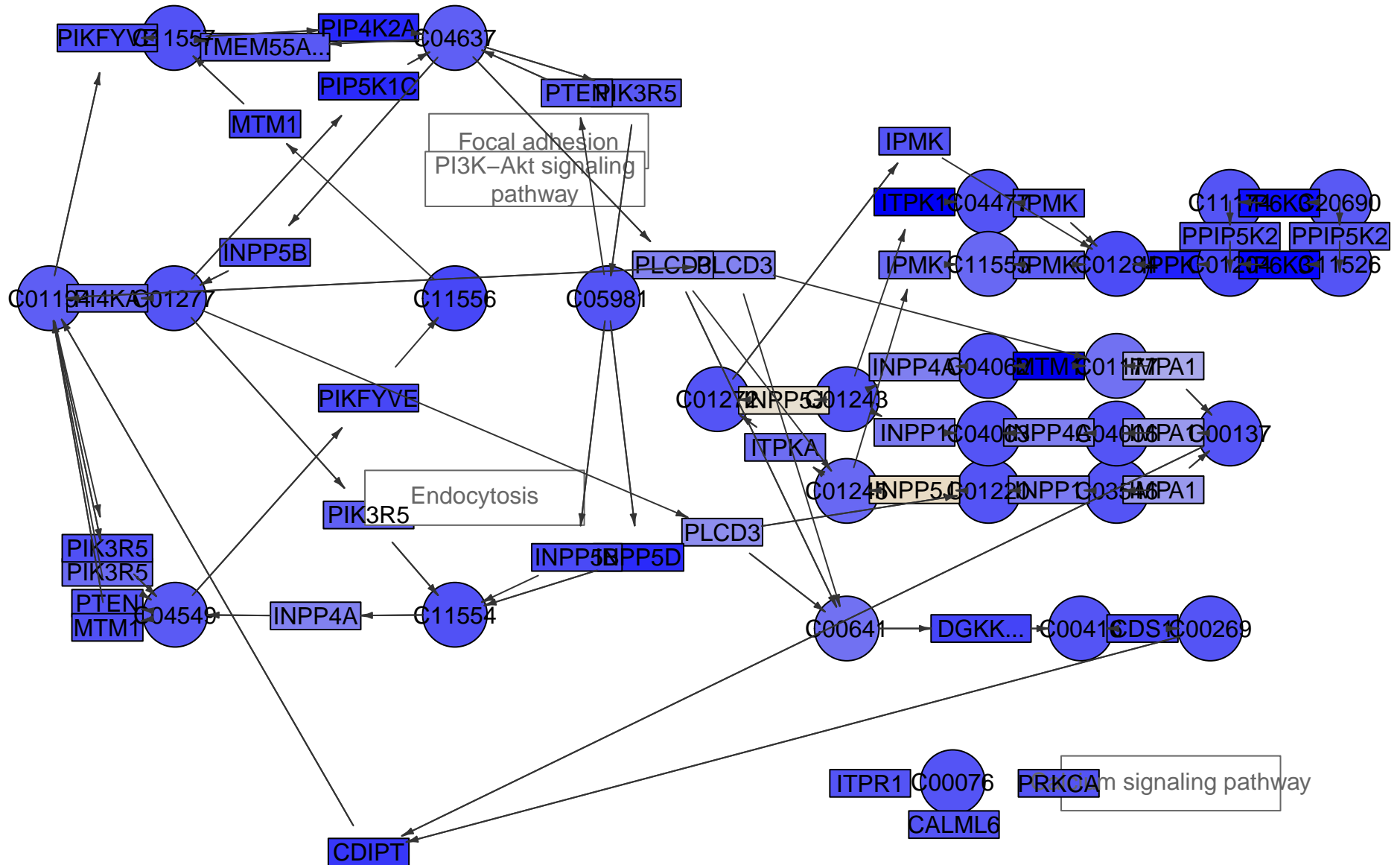
MPI-077





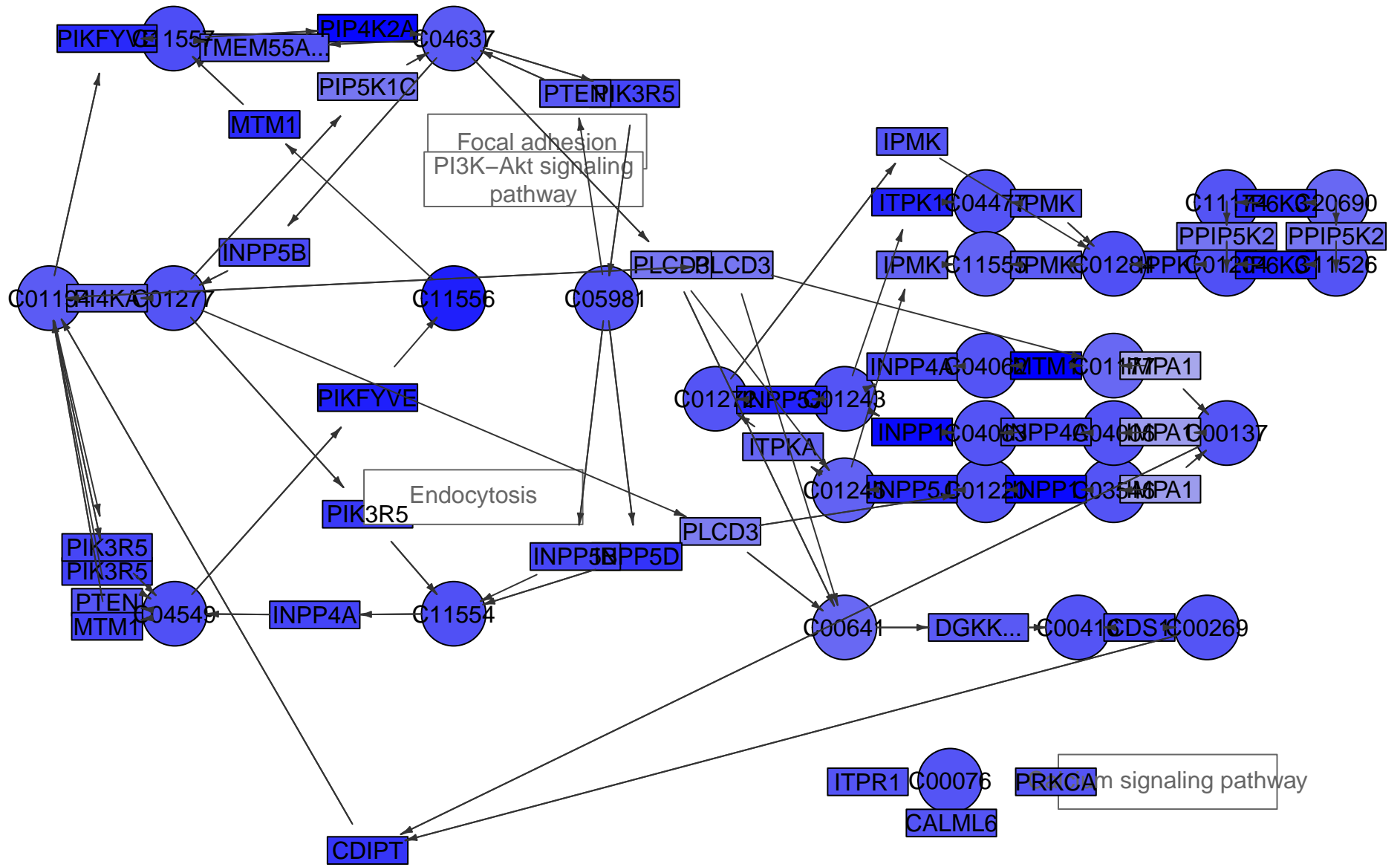
# Phosphatidylinositol signaling system

MPI-078



Phosphatidylinositol signaling system

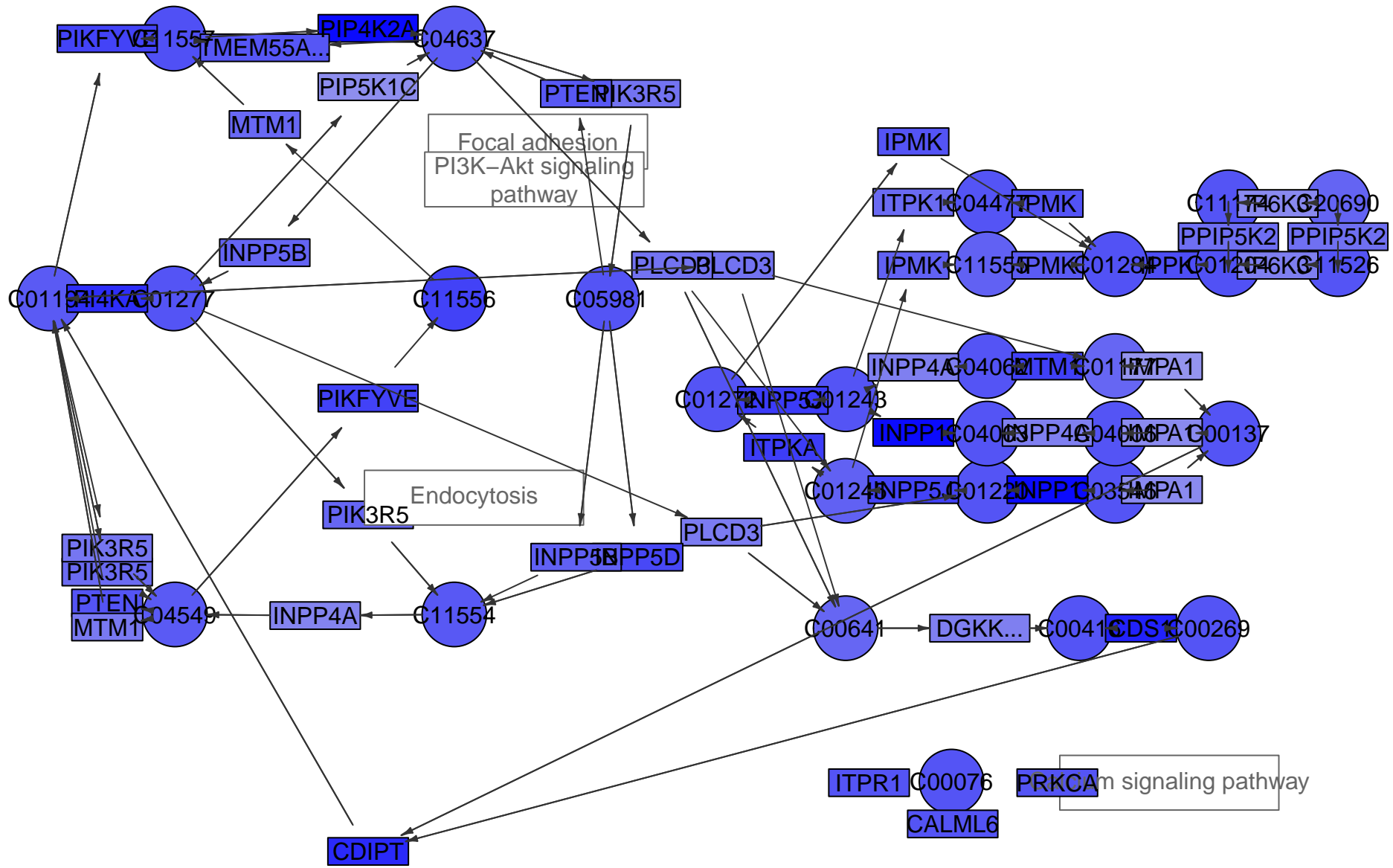
MPI-079





# Phosphatidylinositol signaling system

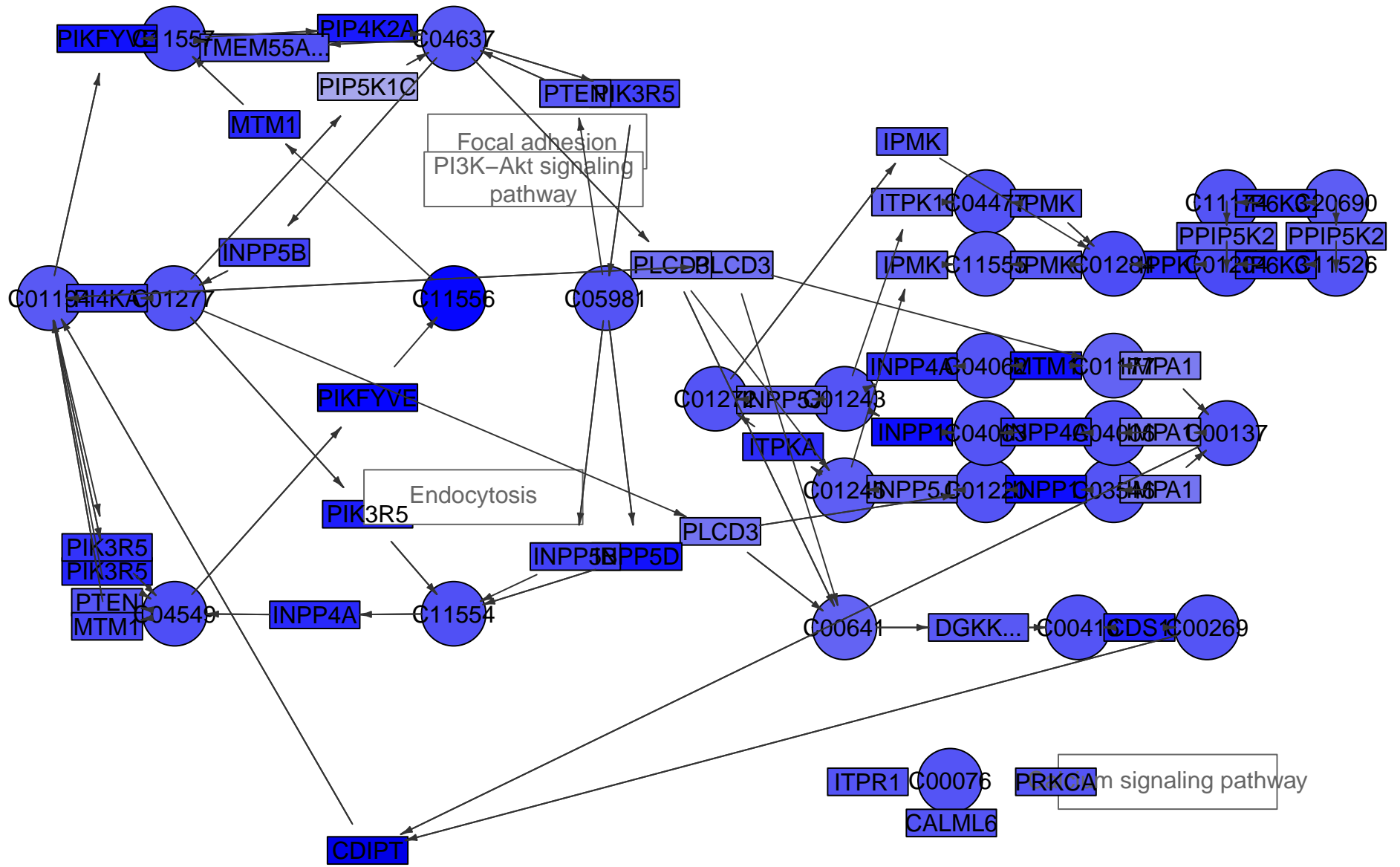
MPI-081





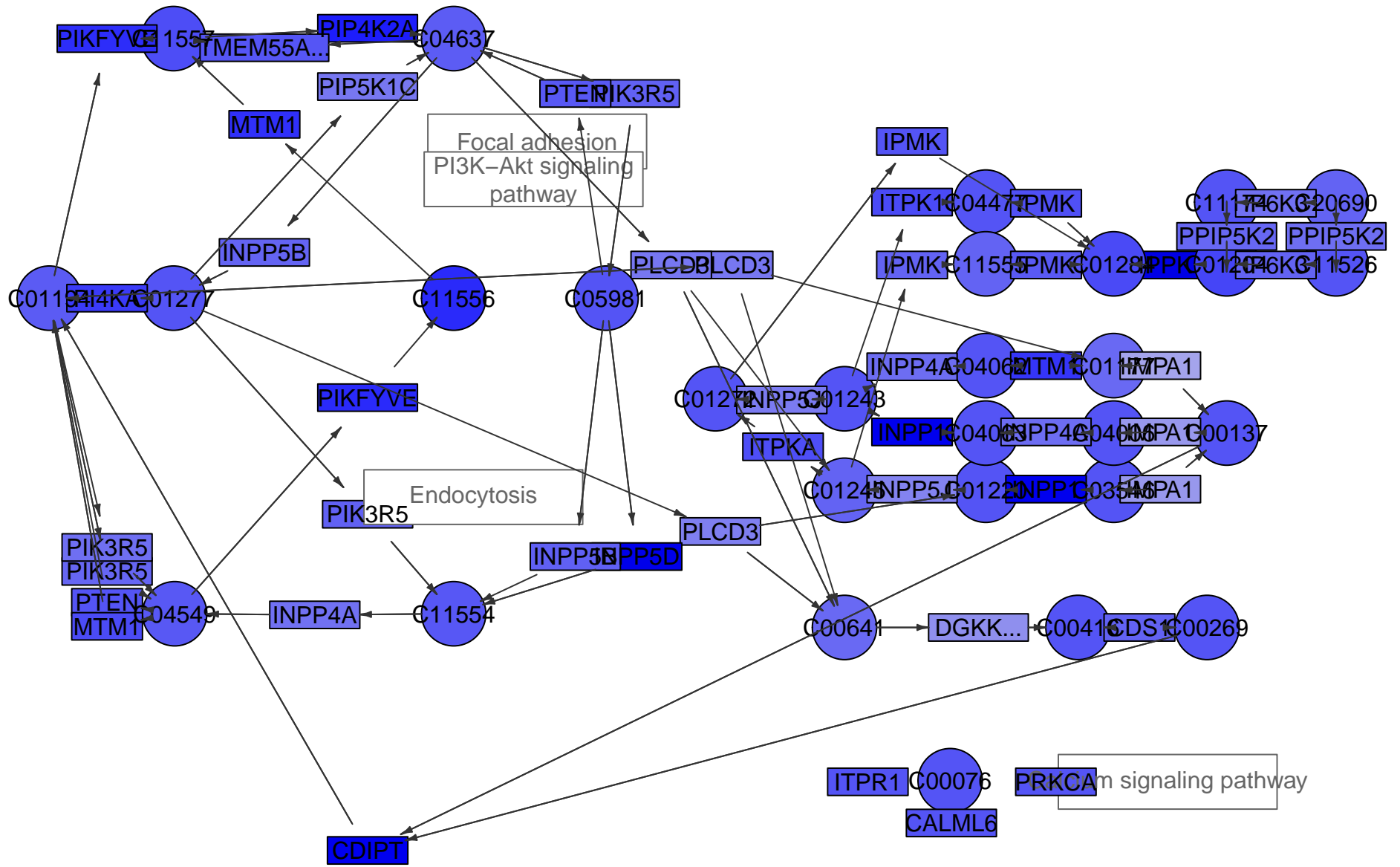
# Phosphatidylinositol signaling system

MPI-084



# Phosphatidylinositol signaling system

MPI-085

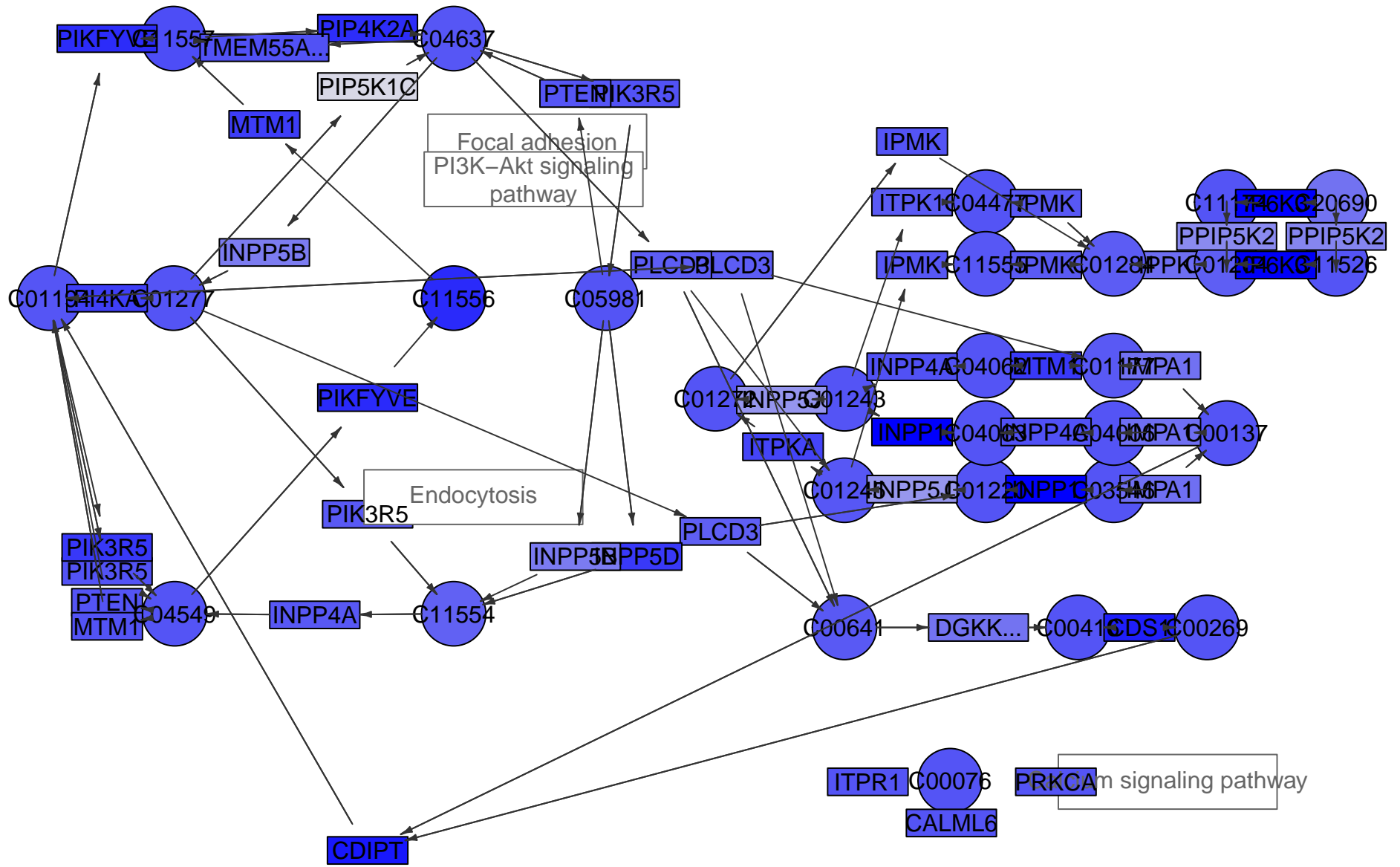






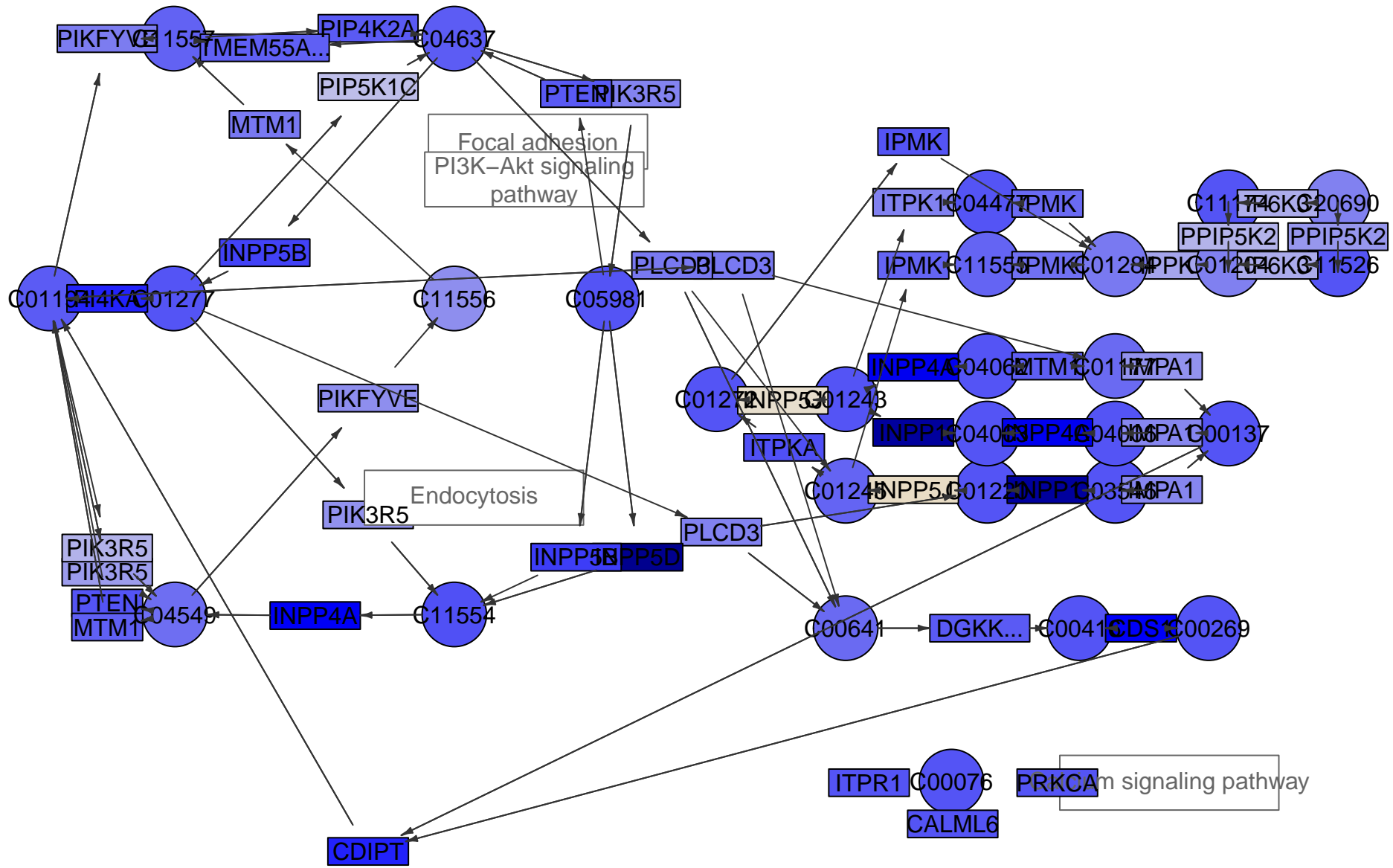
Phosphatidylinositol signaling system

MPI-087



# Phosphatidylinositol signaling system

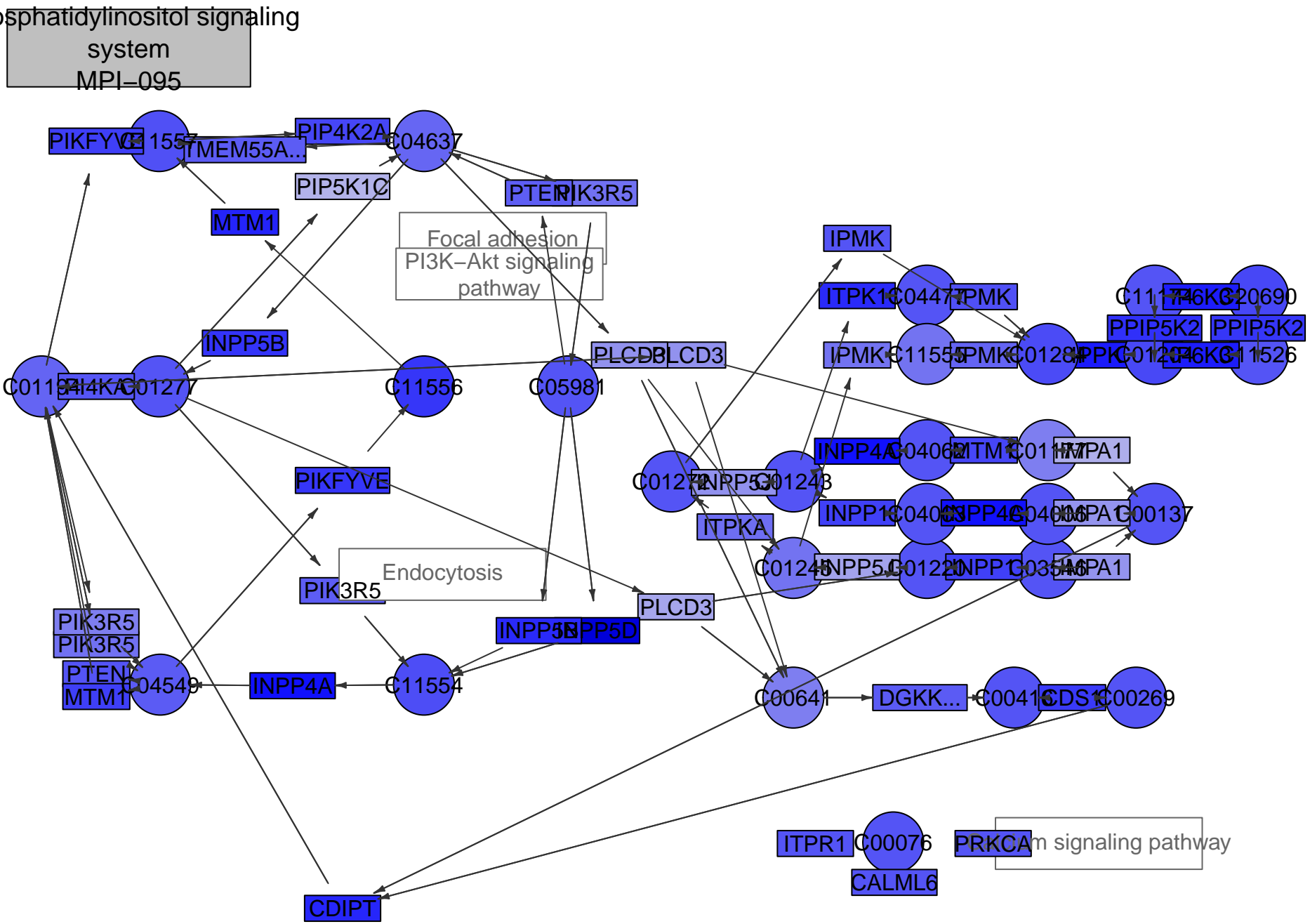
MPI-089





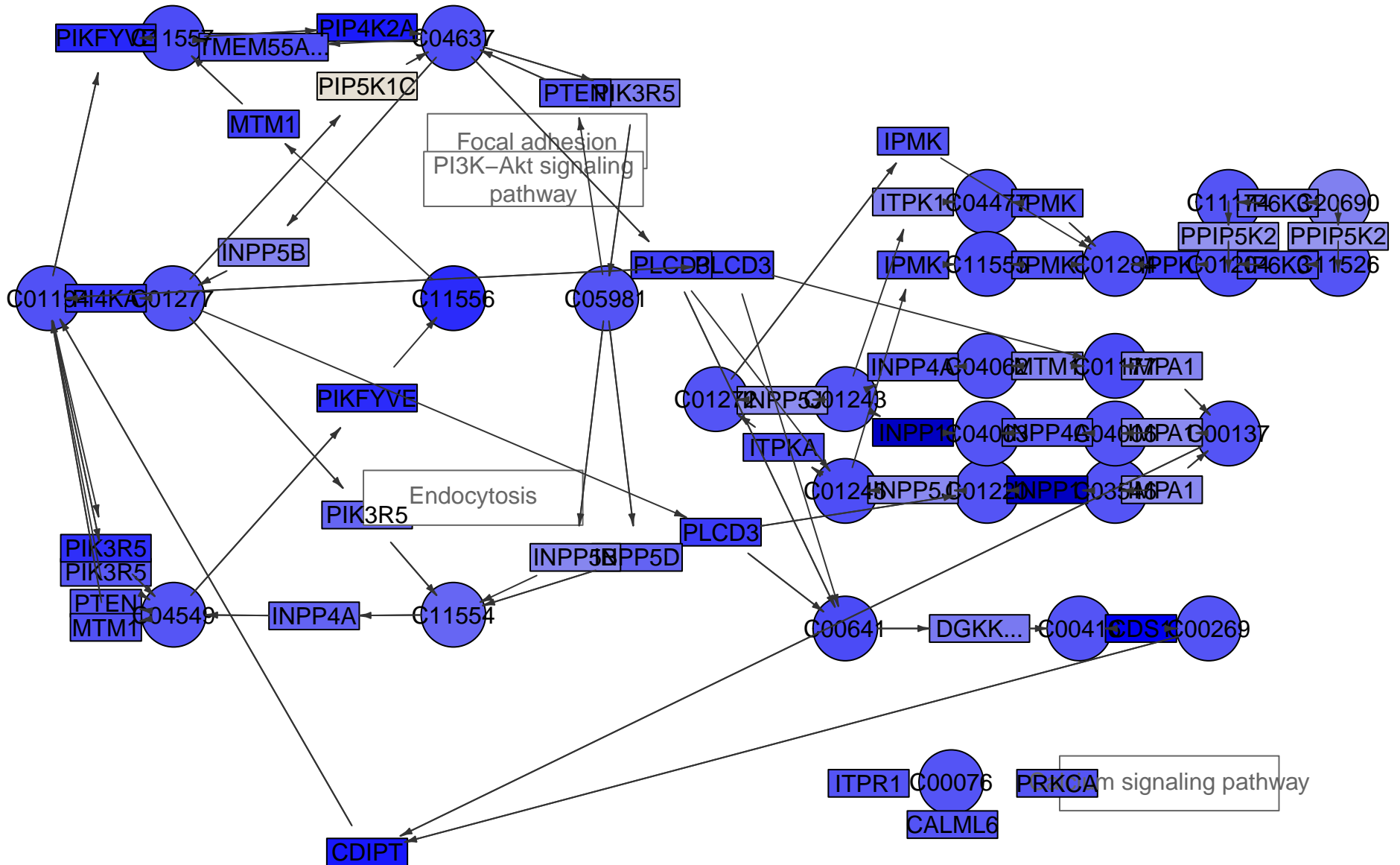


# Phosphatidylinositol signaling system



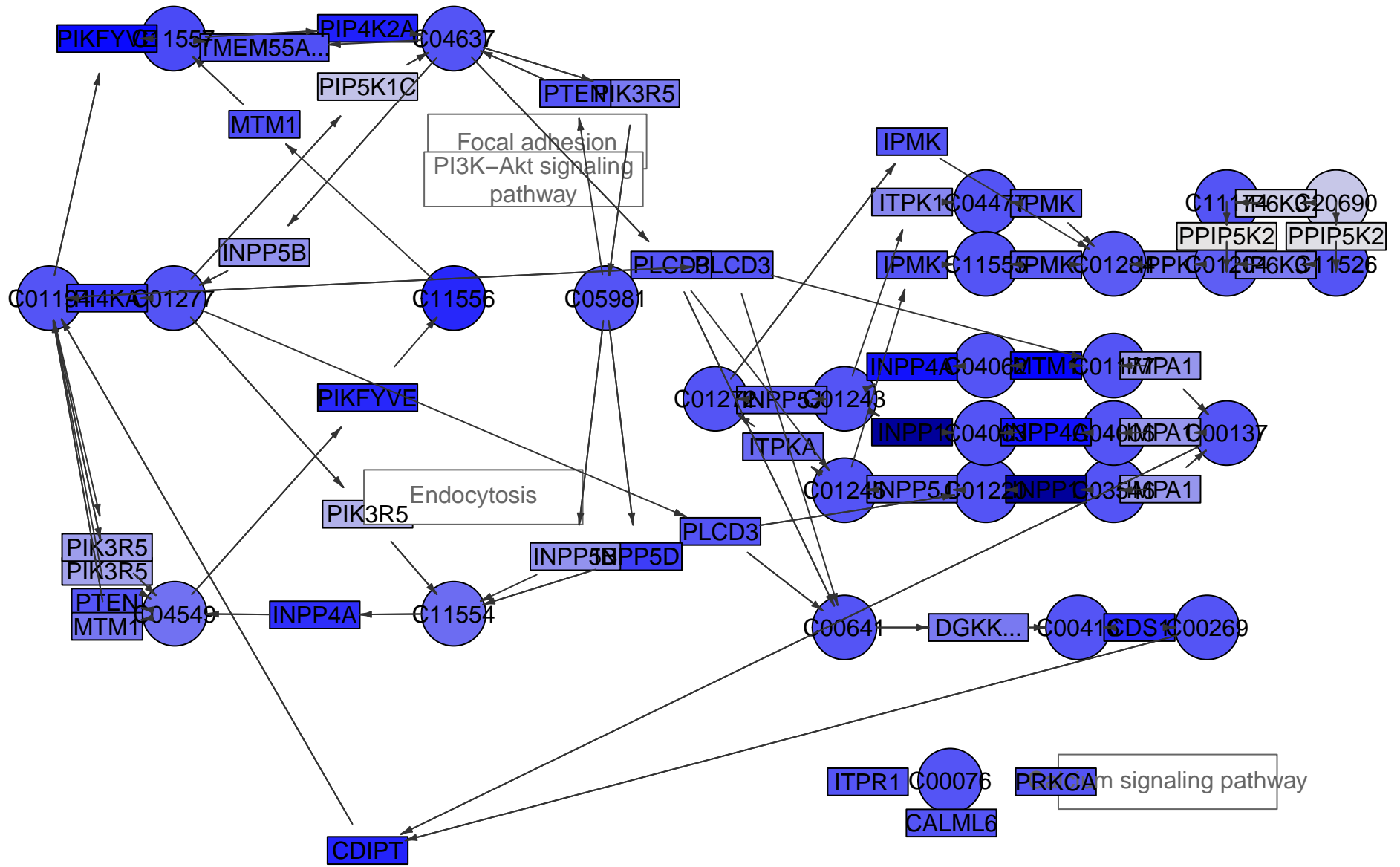
# Phosphatidylinositol signaling system

MPI-101



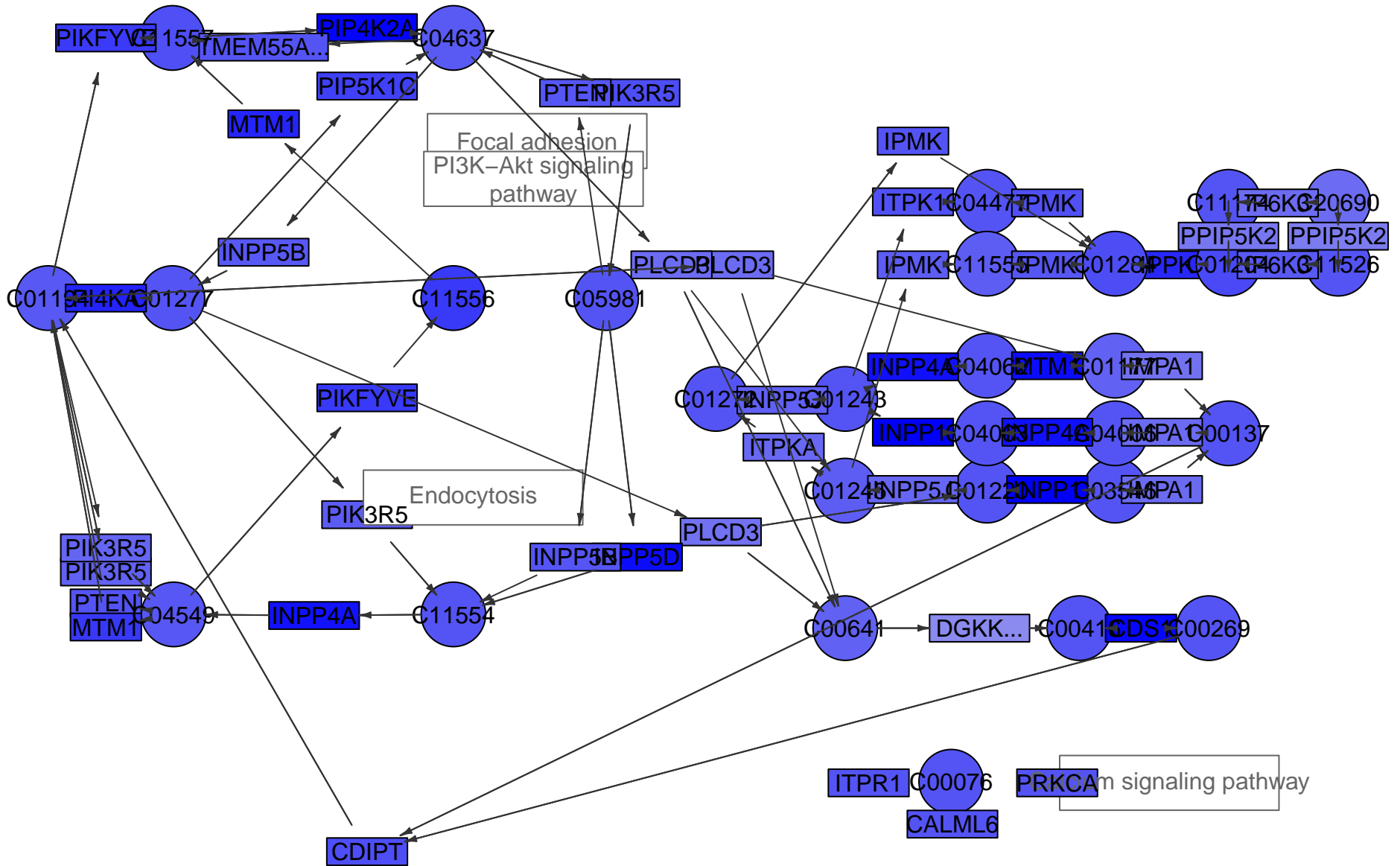
# Phosphatidylinositol signaling system

MPI-114



# Phosphatidylinositol signaling system

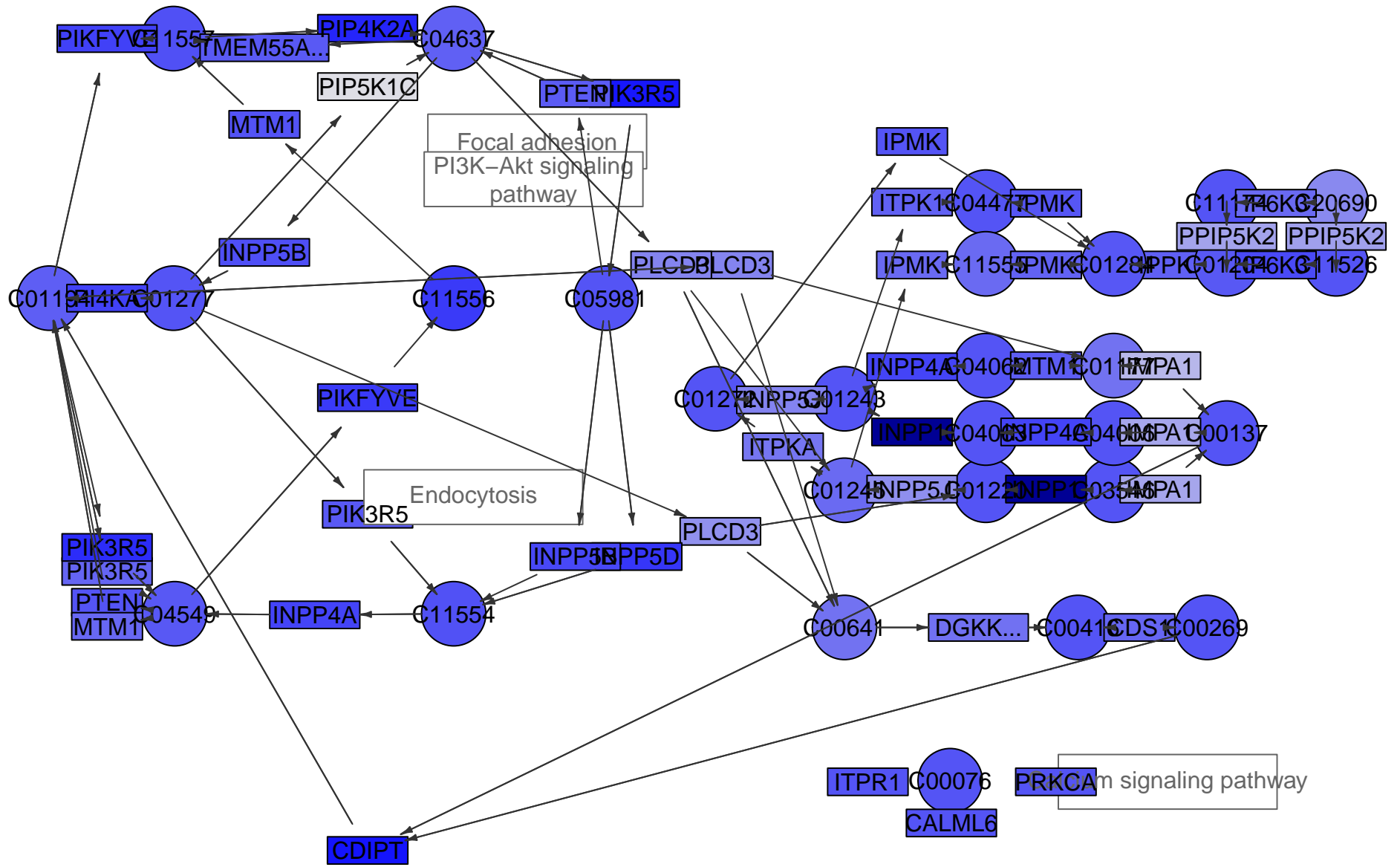
MPI-123





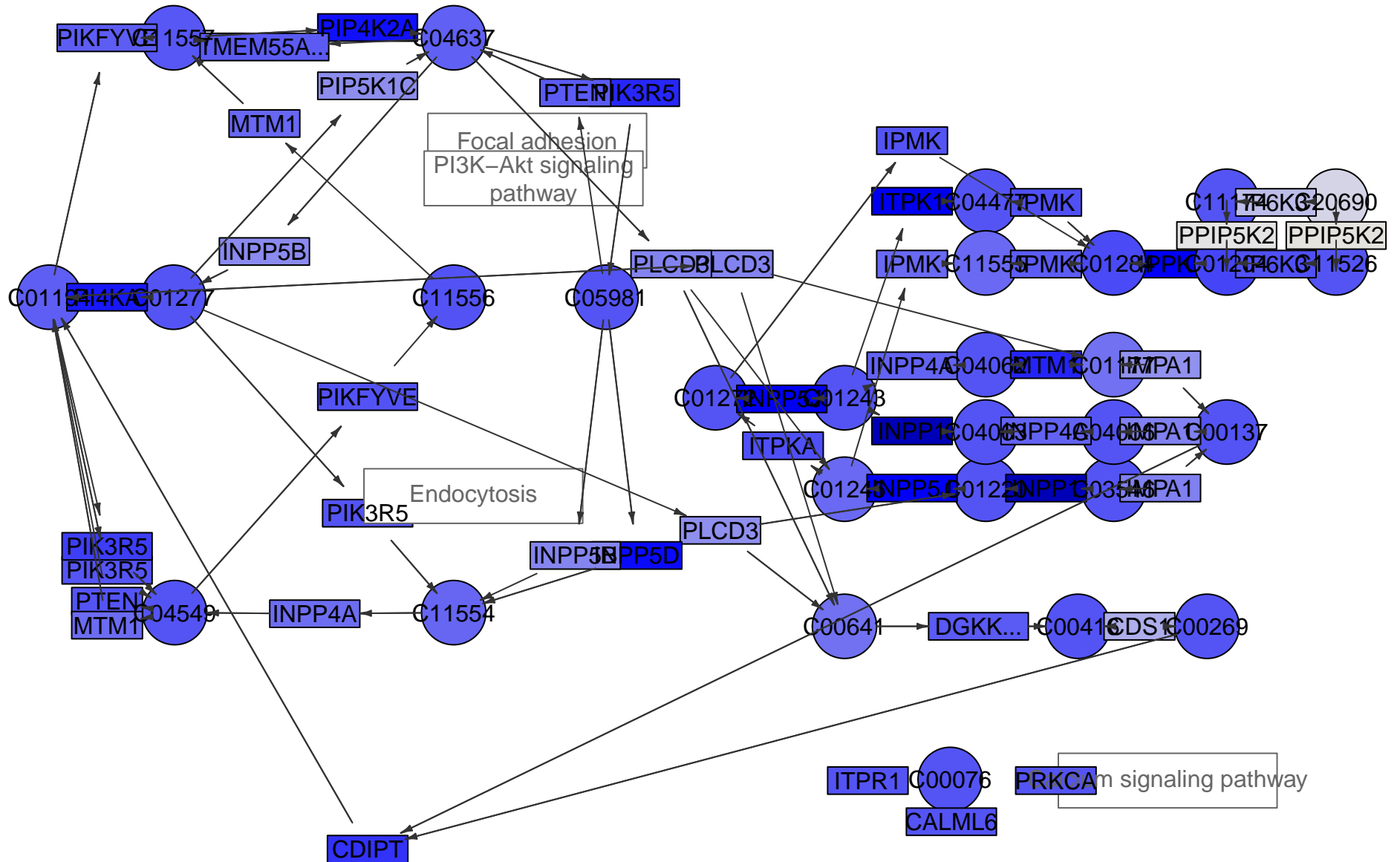
Phosphatidylinositol signaling

MPI-138



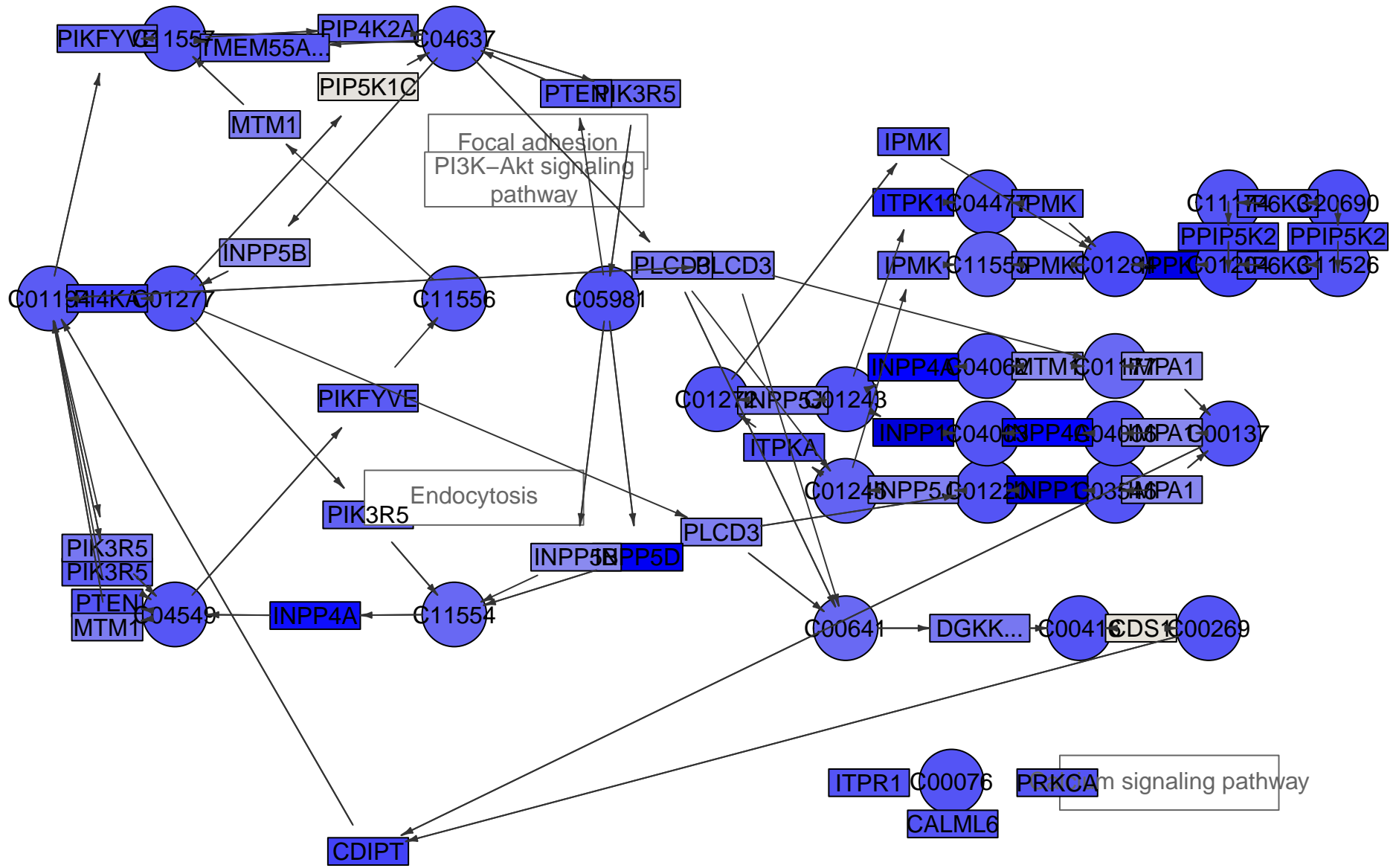
Phosphatidylinositol signaling system

MPI-139



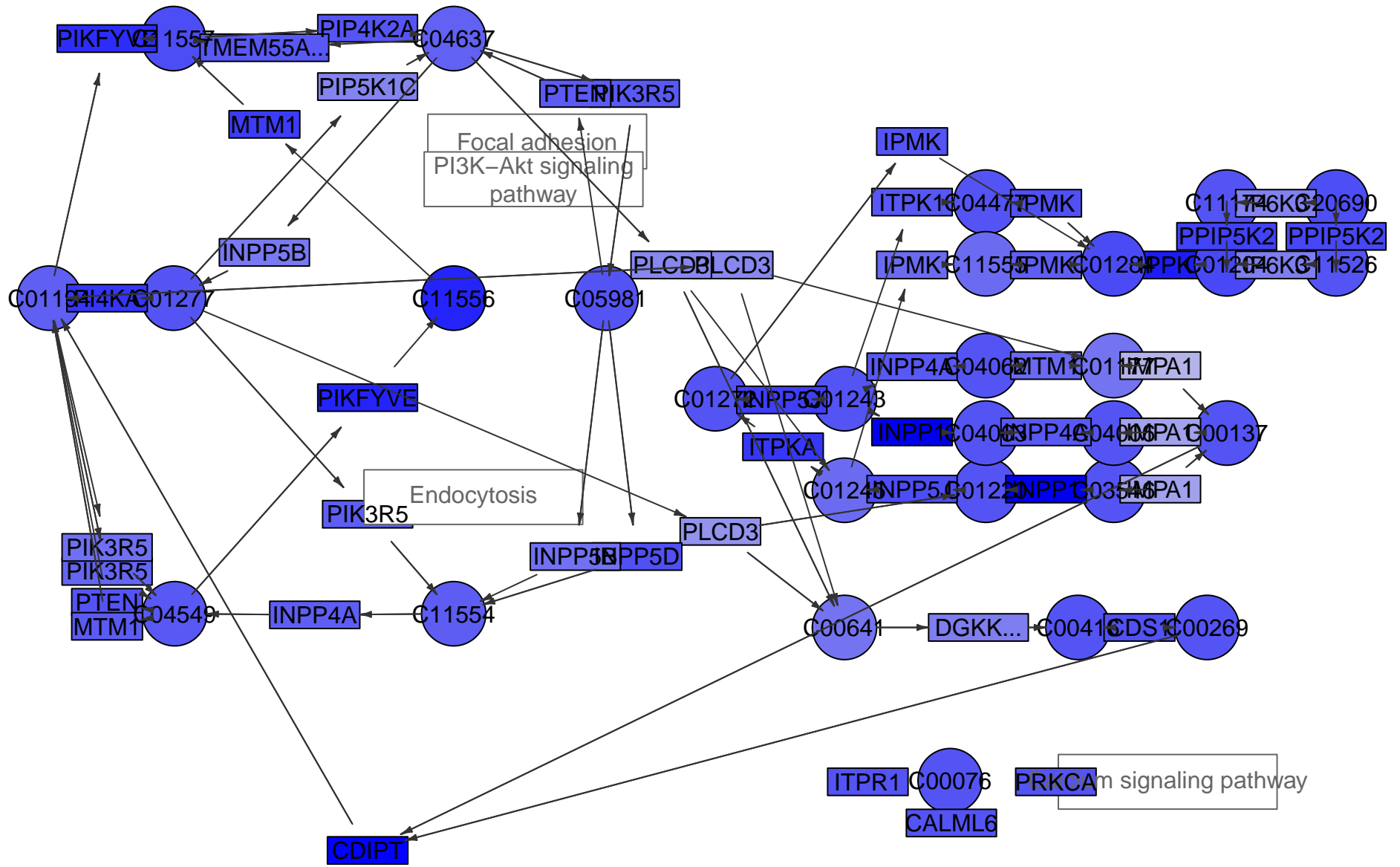
Phosphatidylinositol signaling

MPI-140



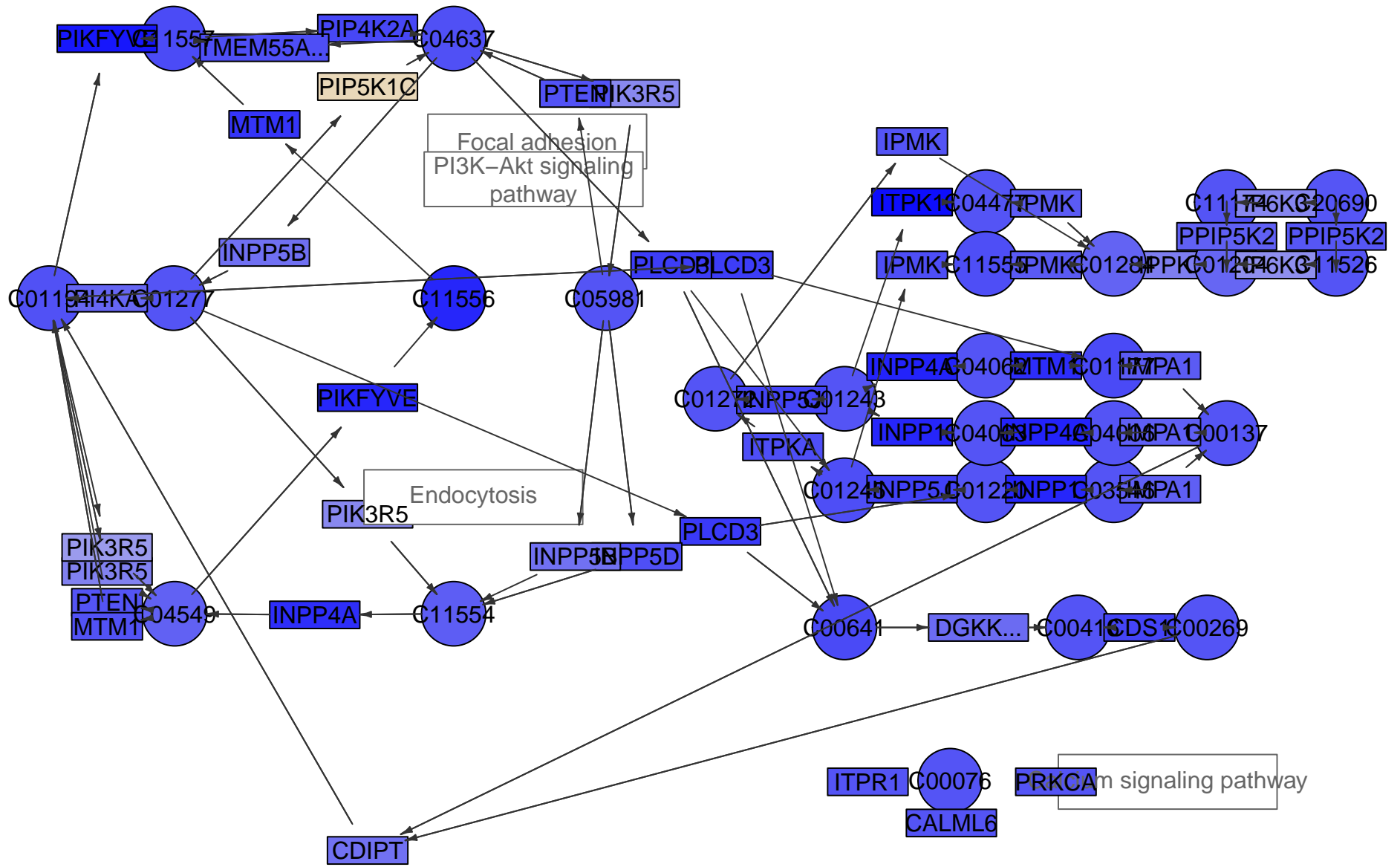
# Phosphatidylinositol signaling system

MPI-144





Phosphatidylinositol signaling system  
MPI-171



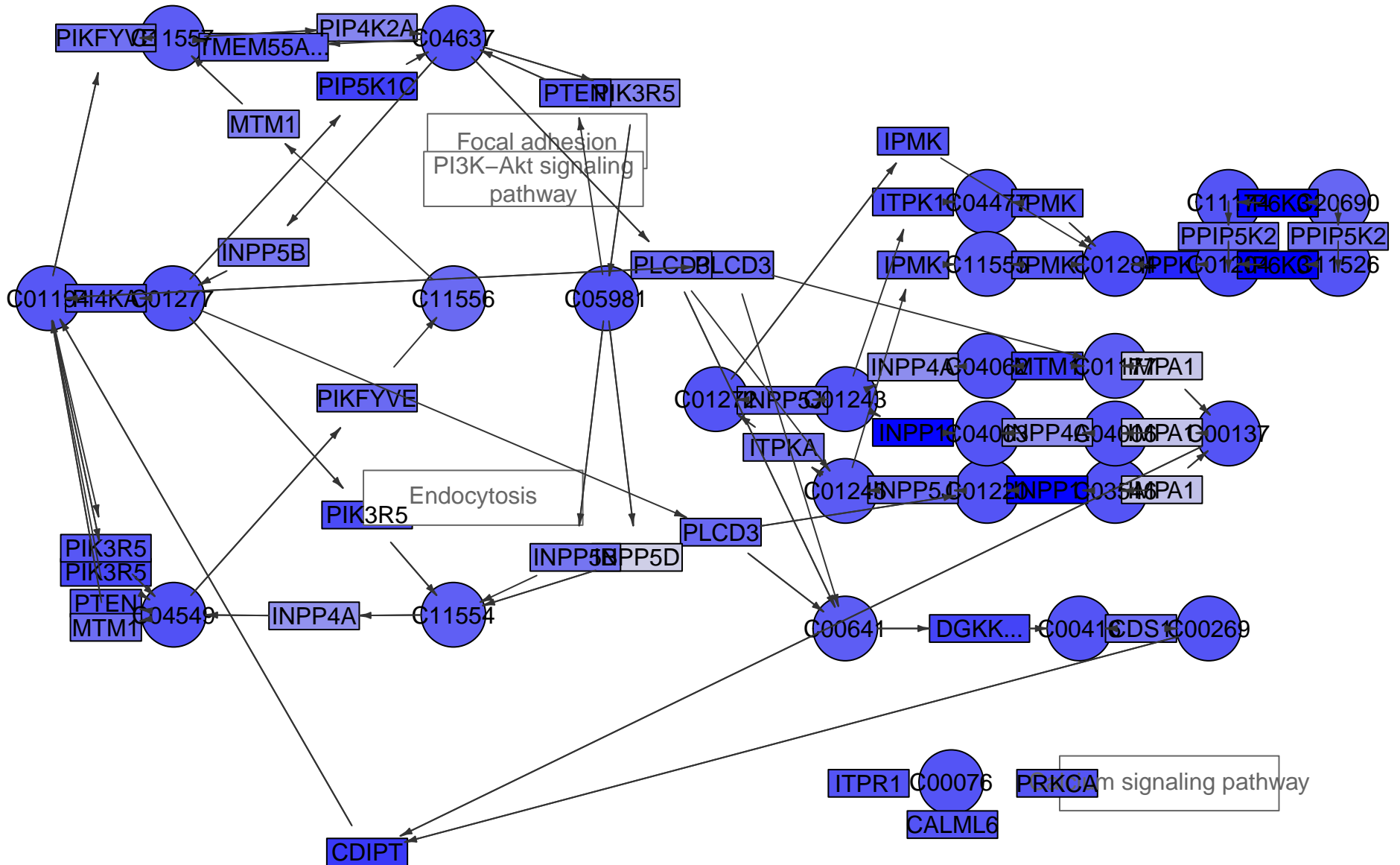






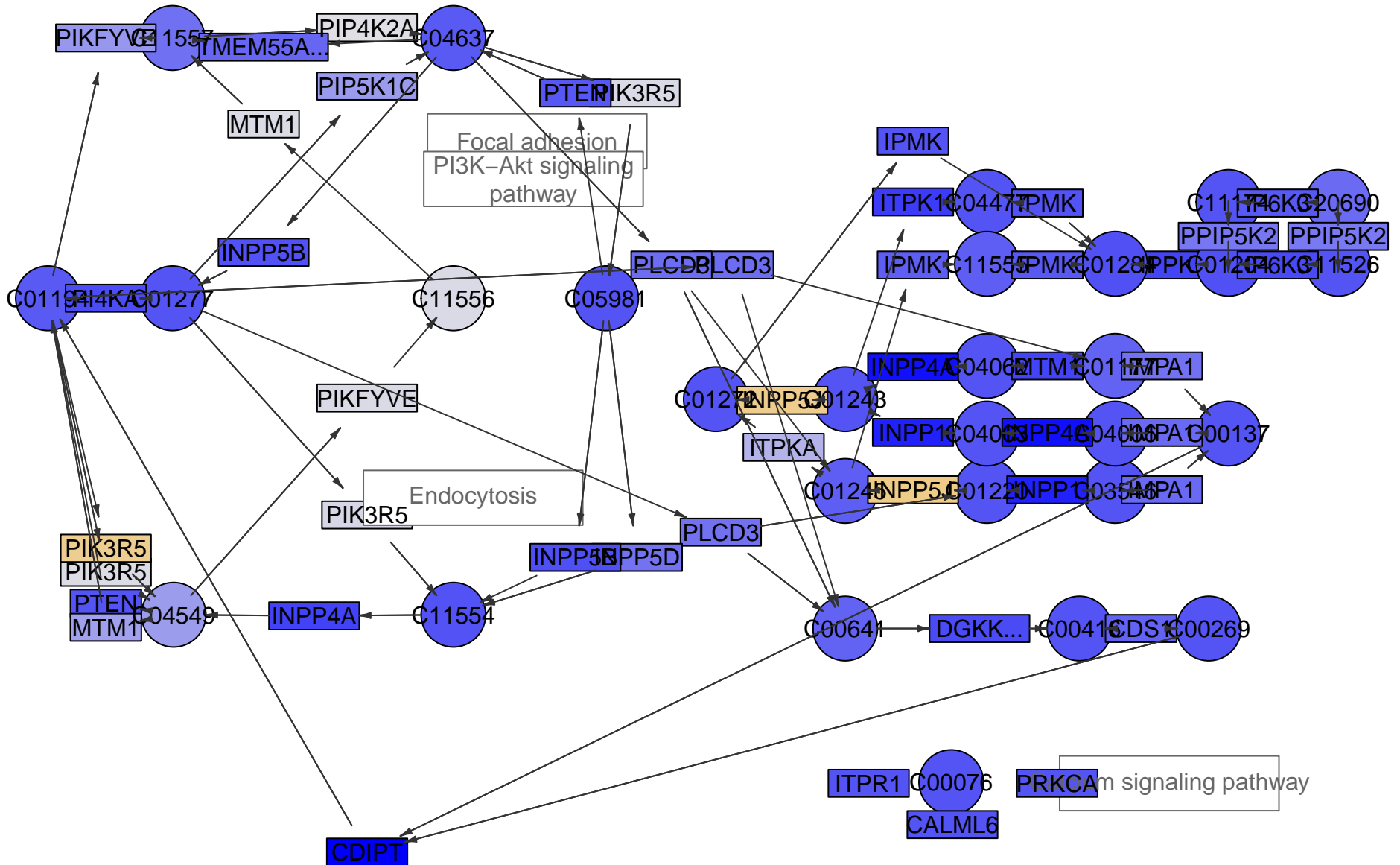
# Phosphatidylinositol signaling system

MPI-011



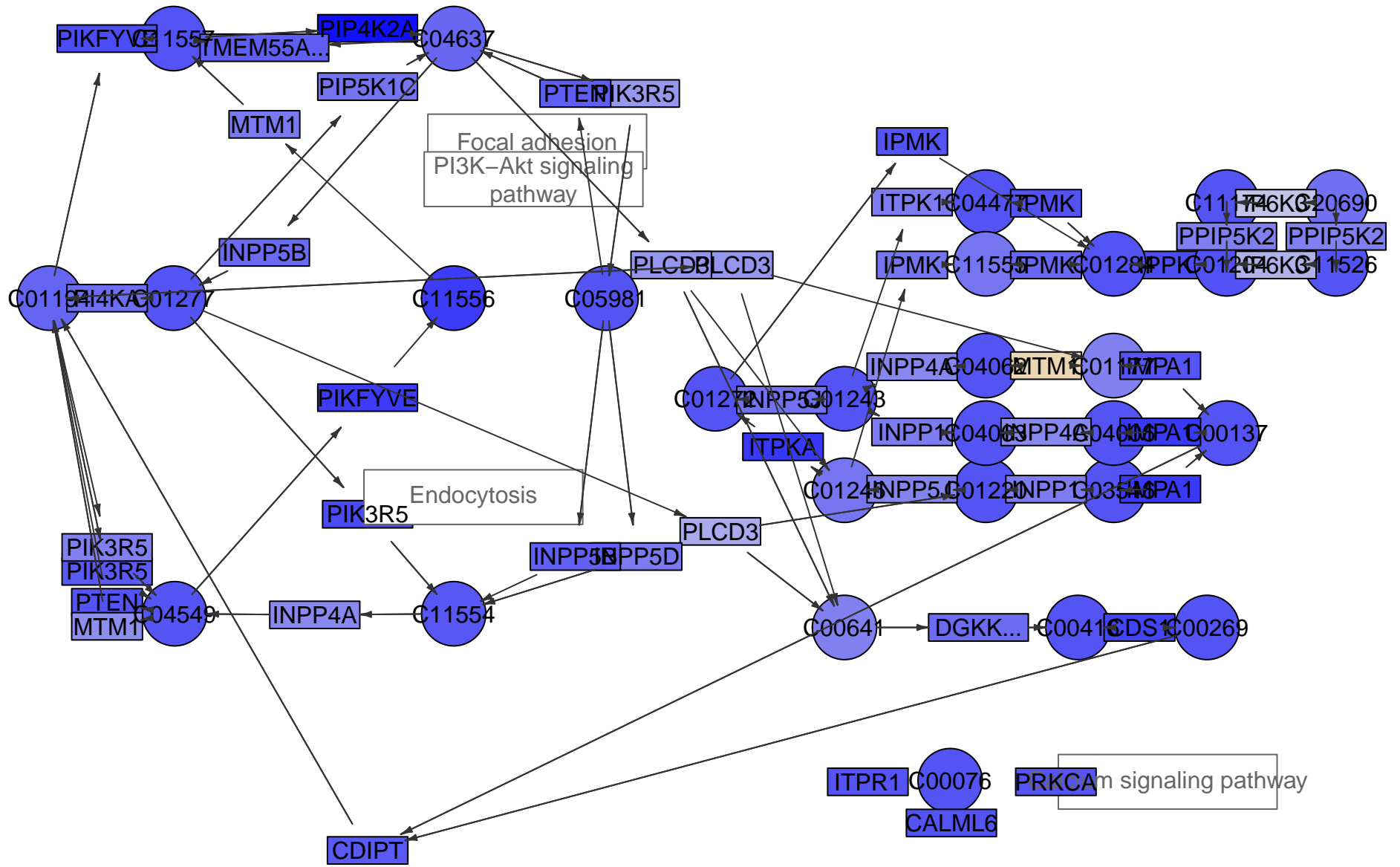
# Phosphatidylinositol signaling system

MPI-024



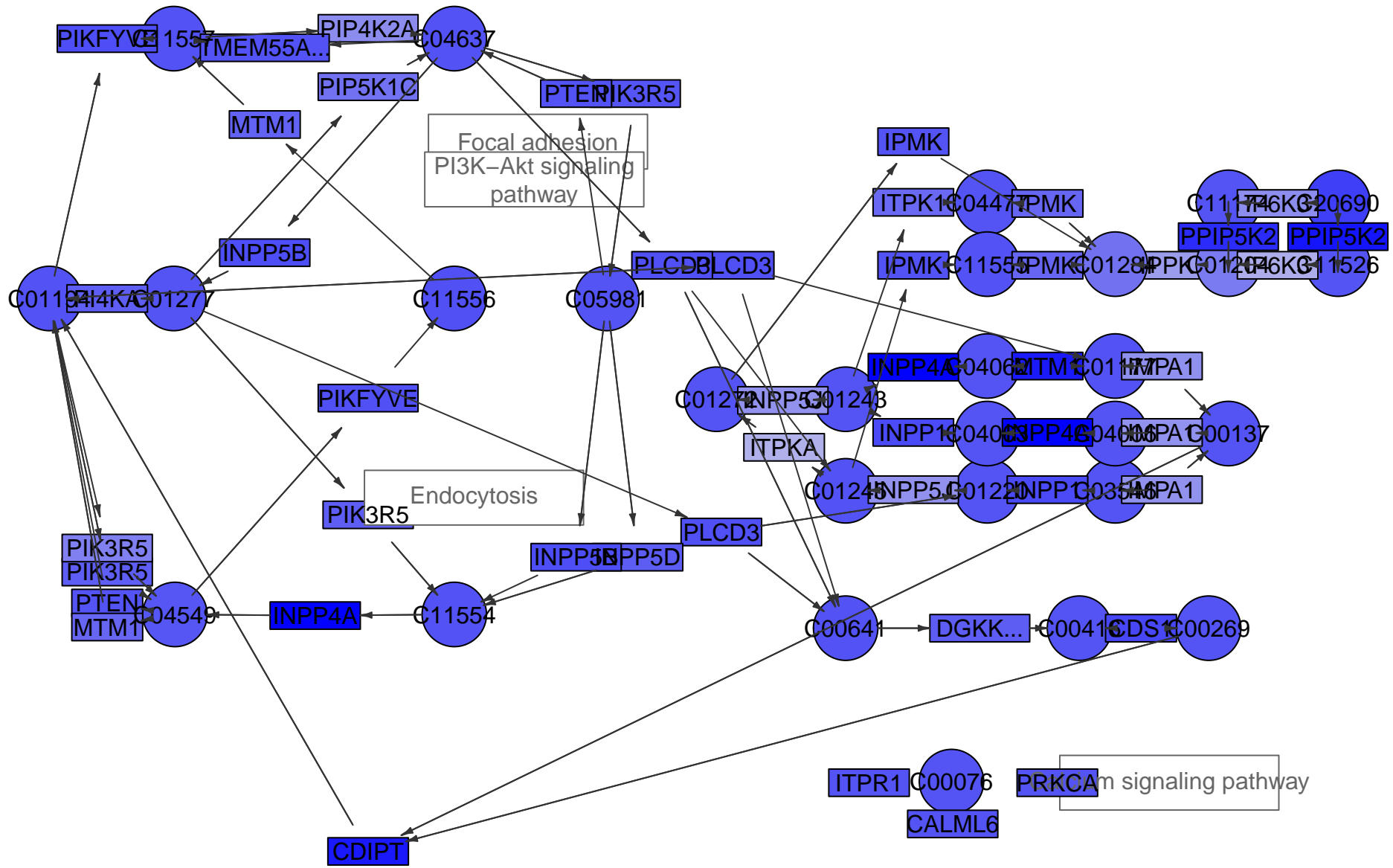
Phosphatidylinositol signaling system

MPI-026



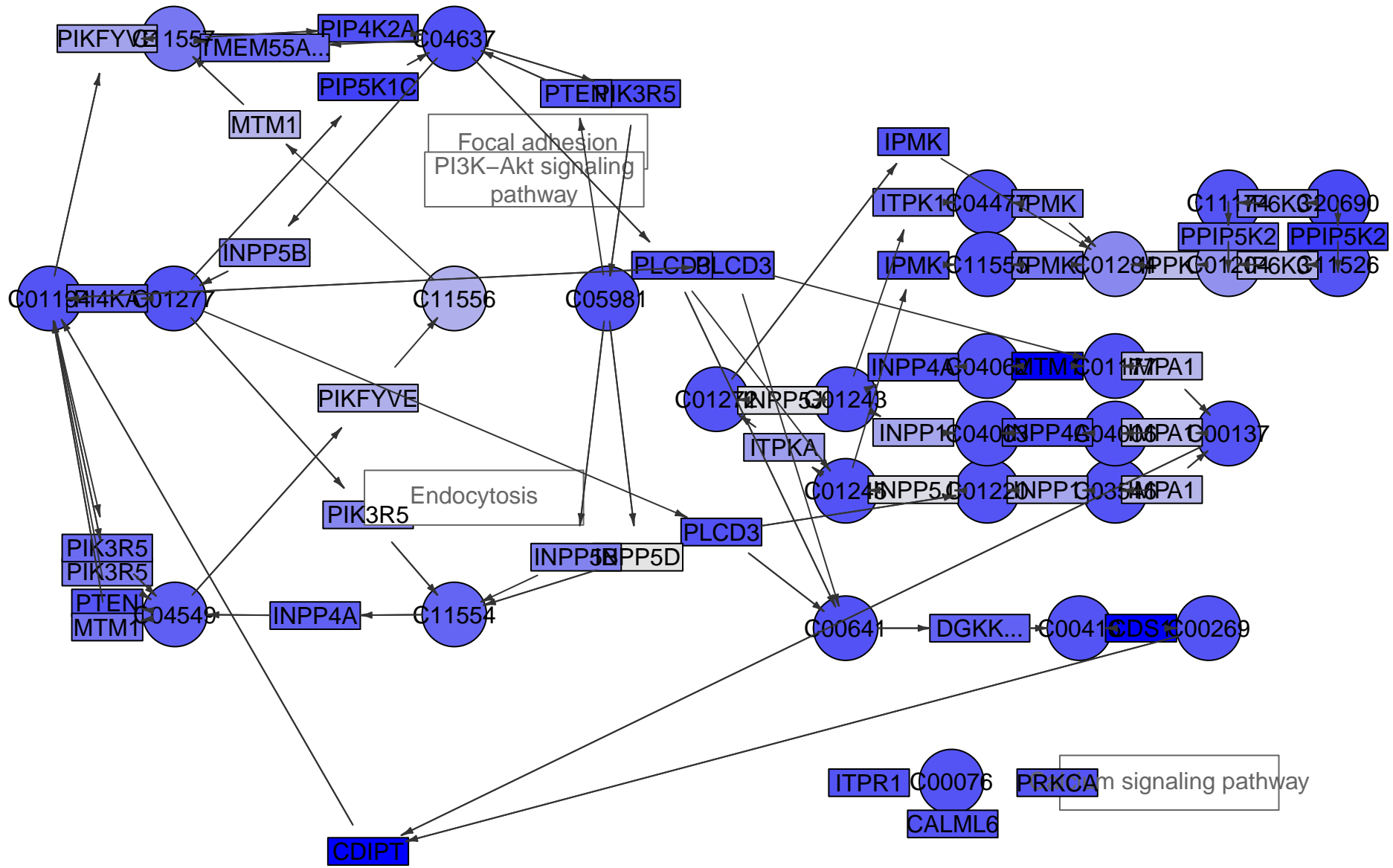
Phosphatidylinositol signaling system

MPI-036



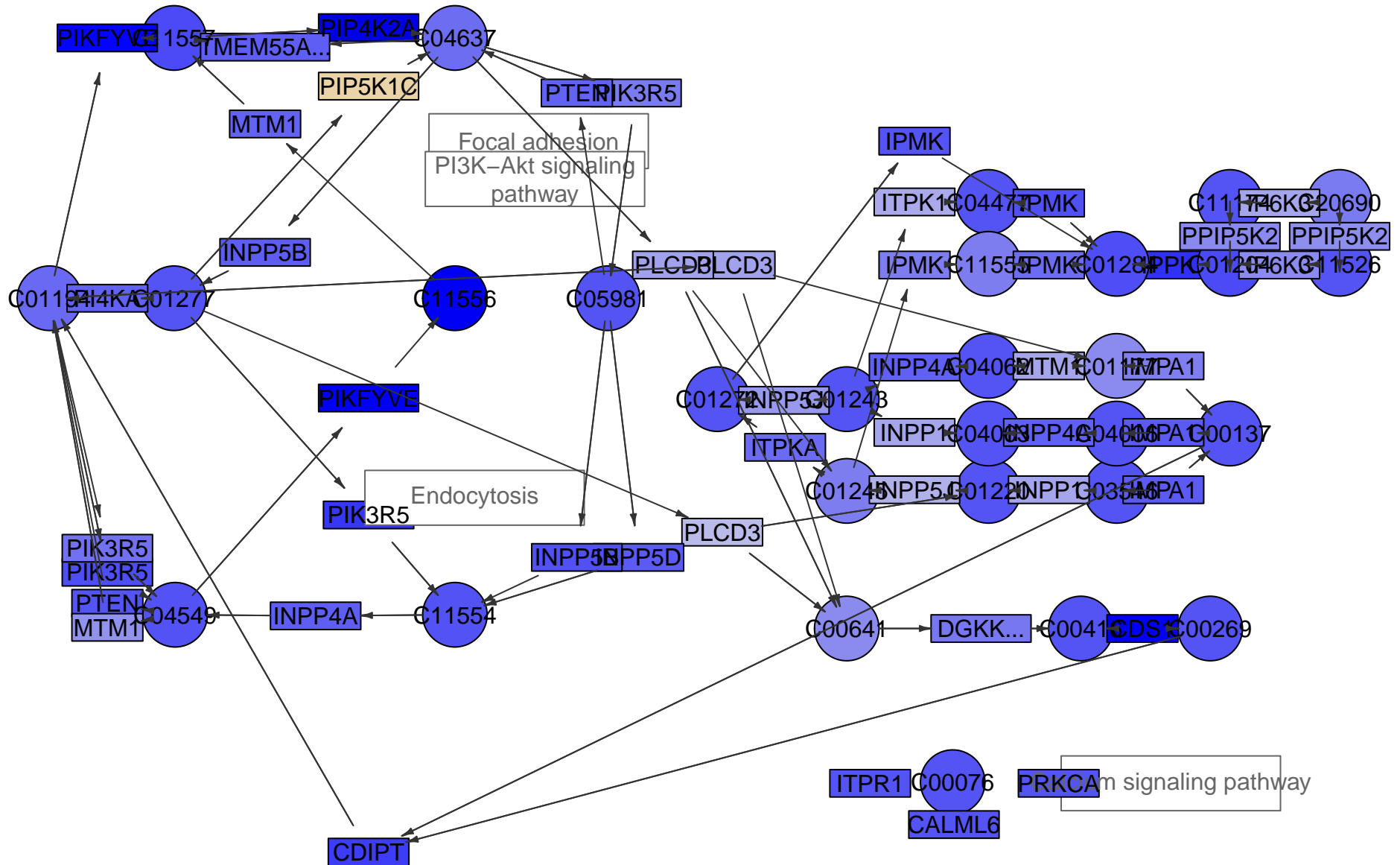
# Phosphatidylinositol signaling system

MPI-037



# Phosphatidylinositol signaling system

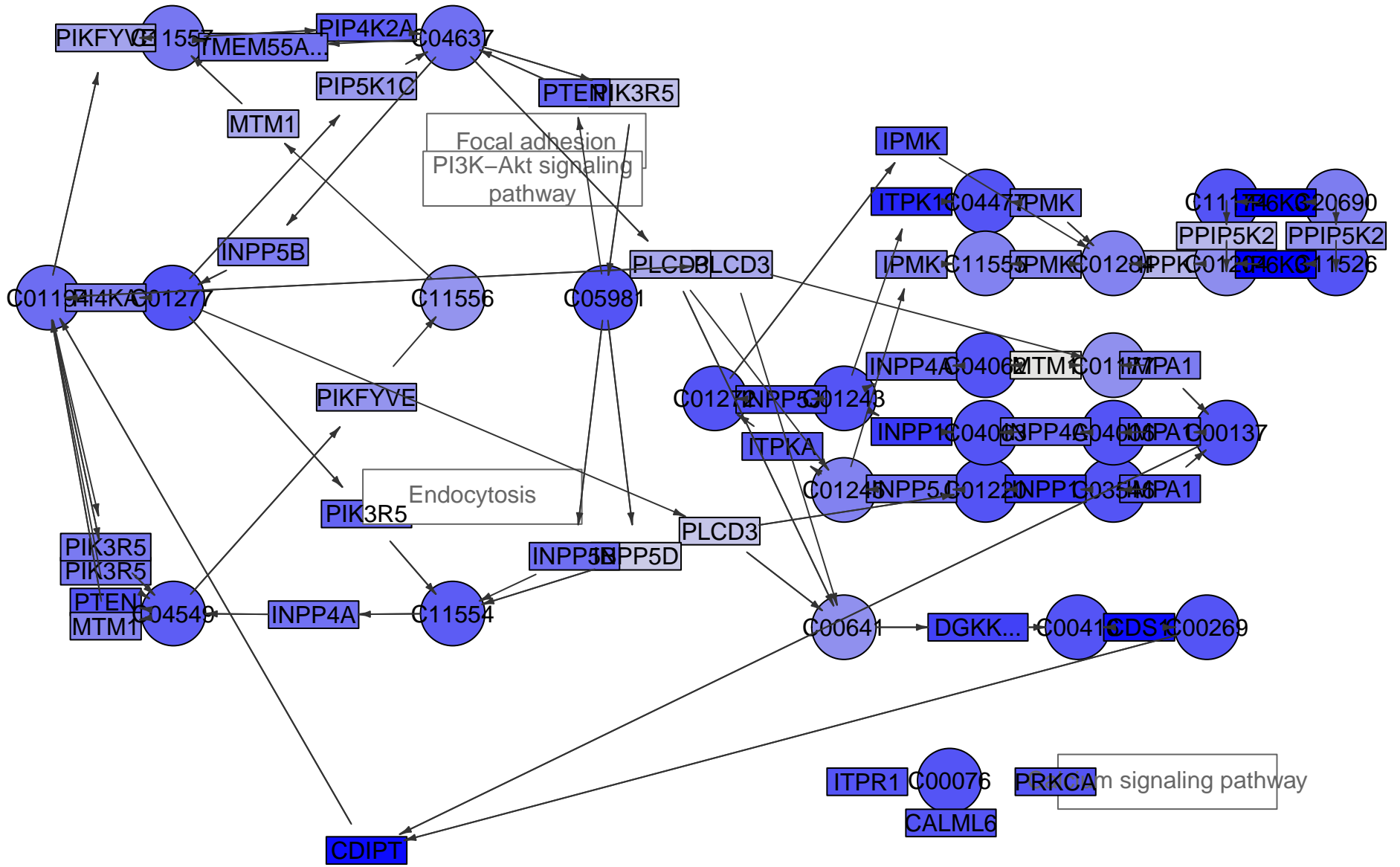
MPI-038





# Phosphatidylinositol signaling system

MPI-046



Focal adhesion PI3K-Akt signaling pathway

Endocytosis

m signaling pathway

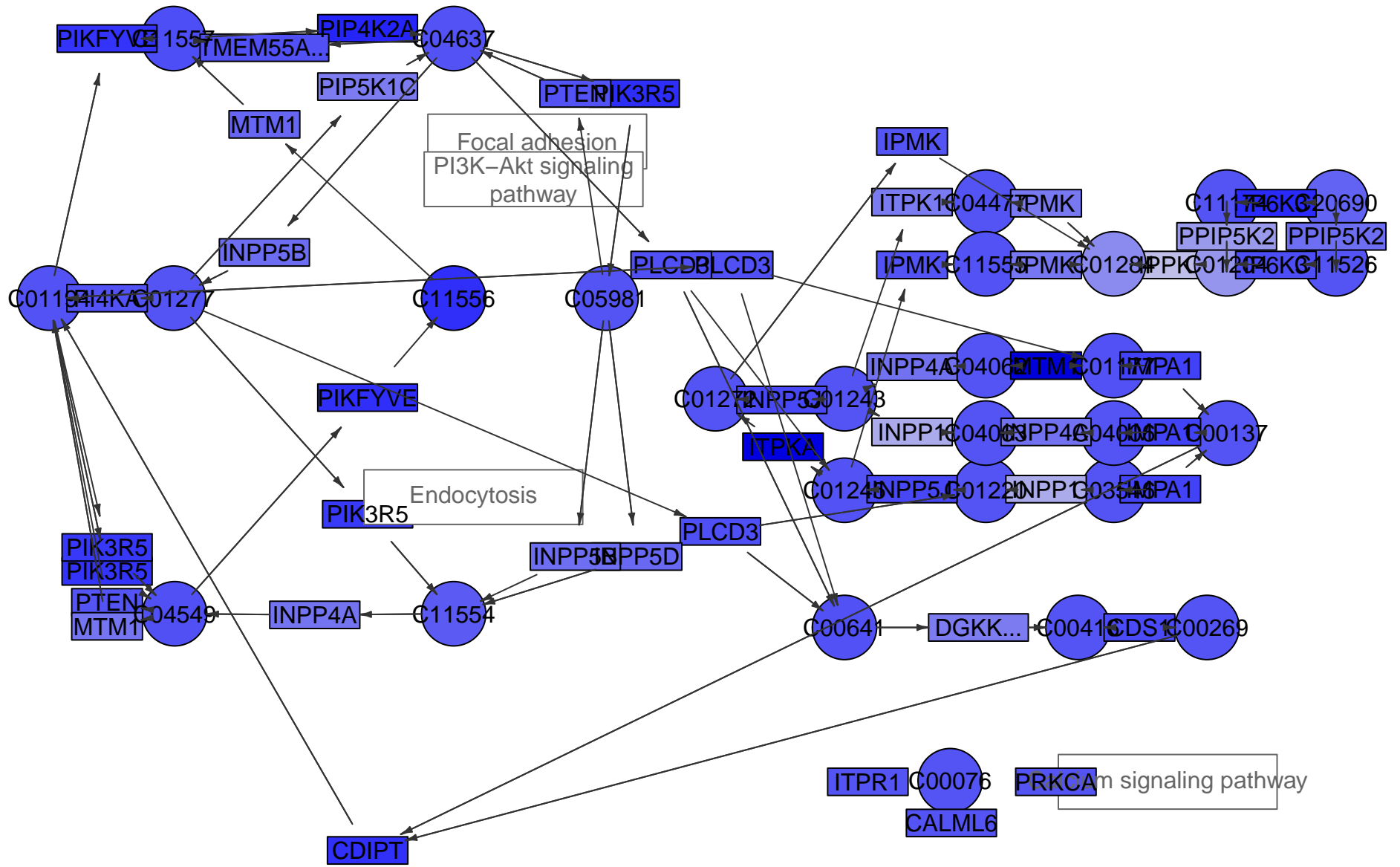




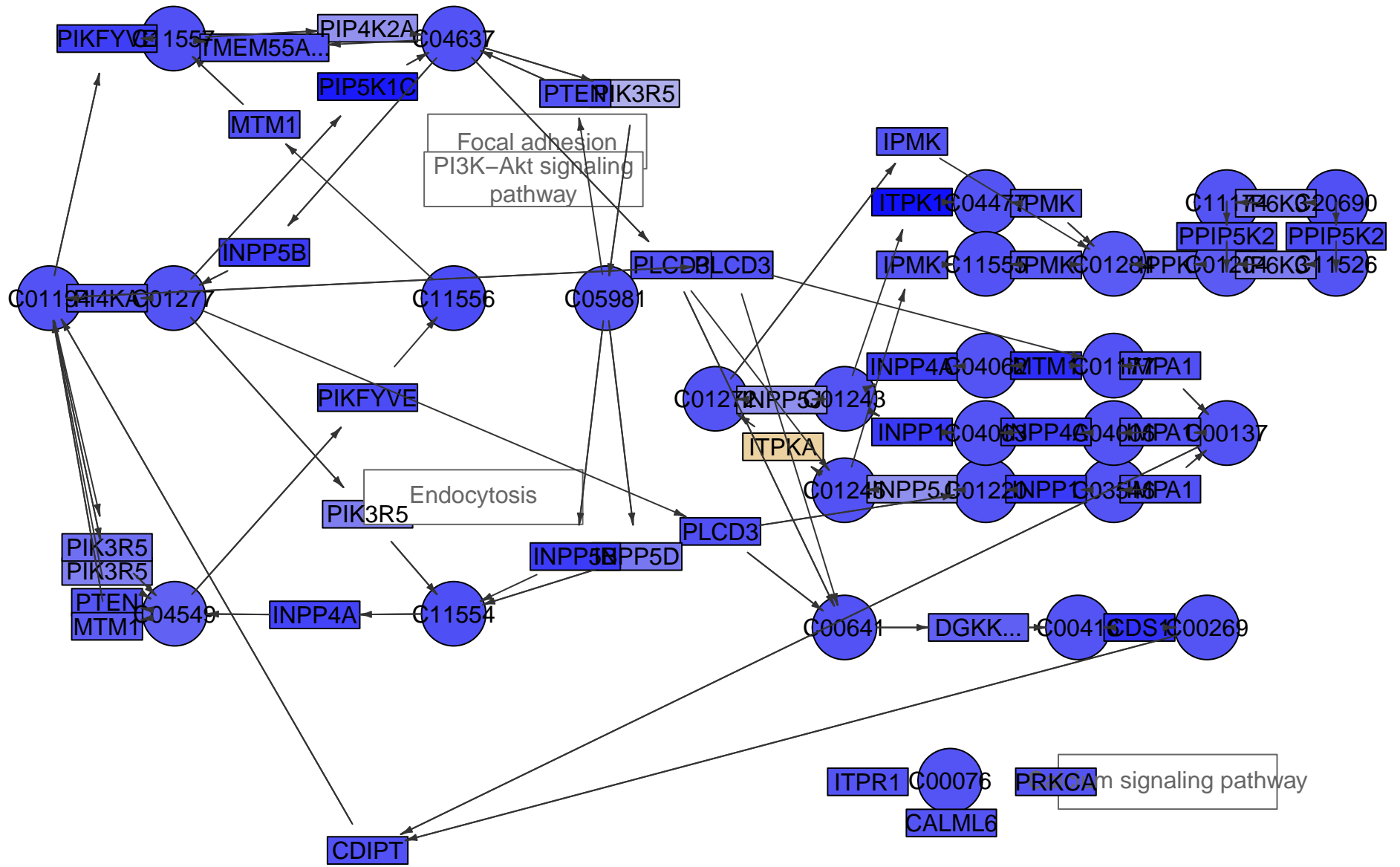


# Phosphatidylinositol signaling system

MPI-054

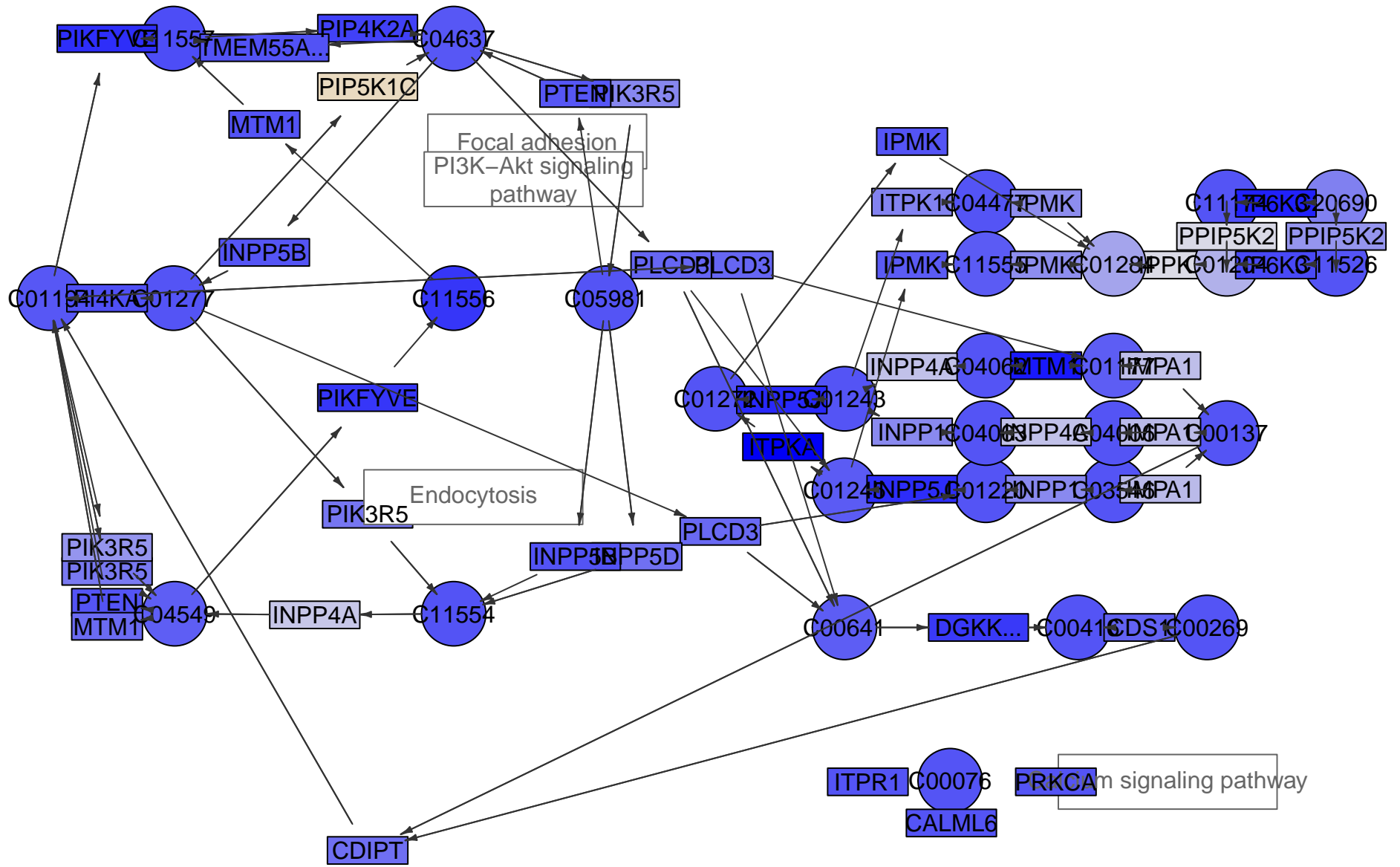


Phosphatidylinositol signaling system  
MPI-059



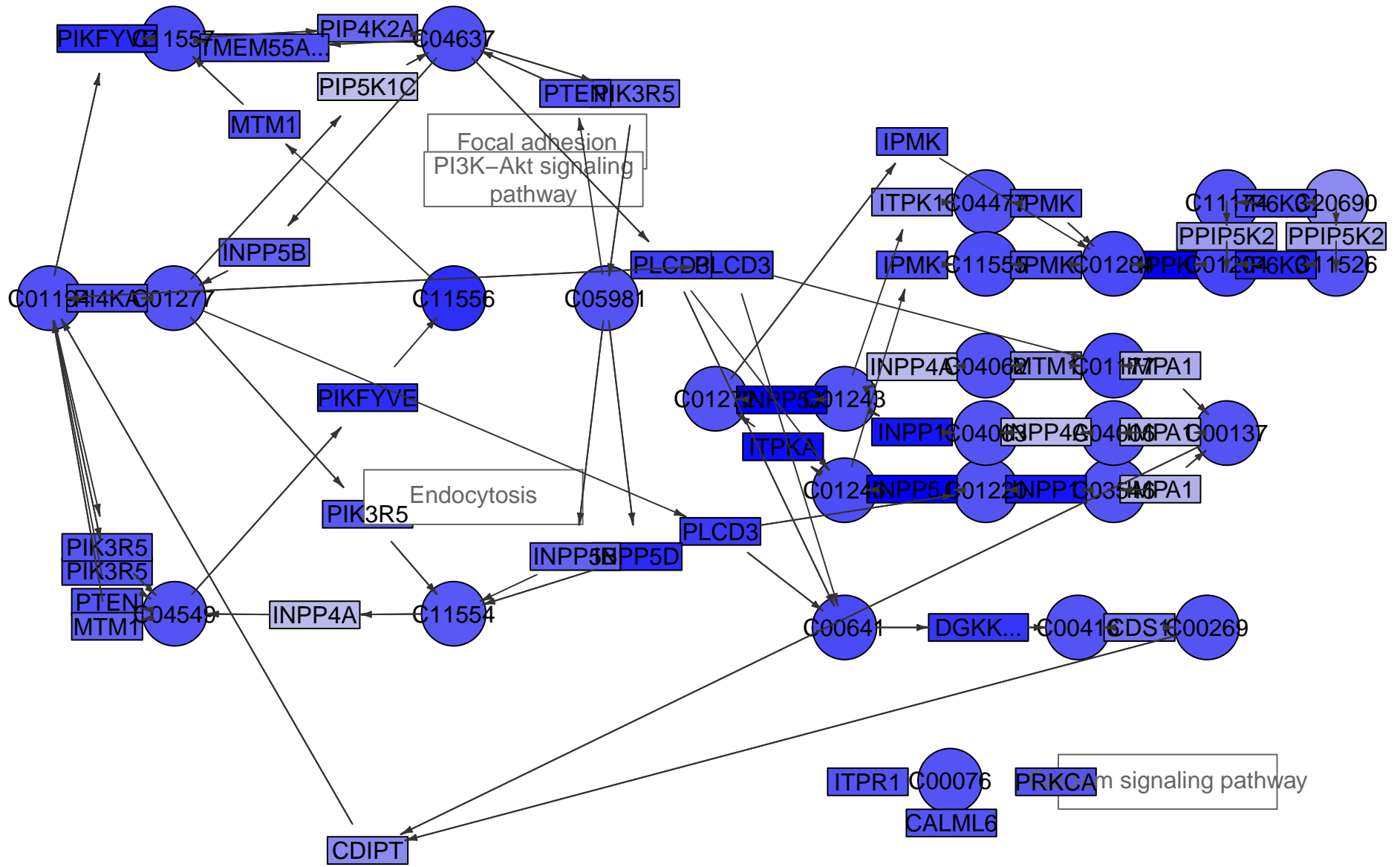
# Phosphatidylinositol signaling system

MPI-060



# Phosphatidylinositol signaling system

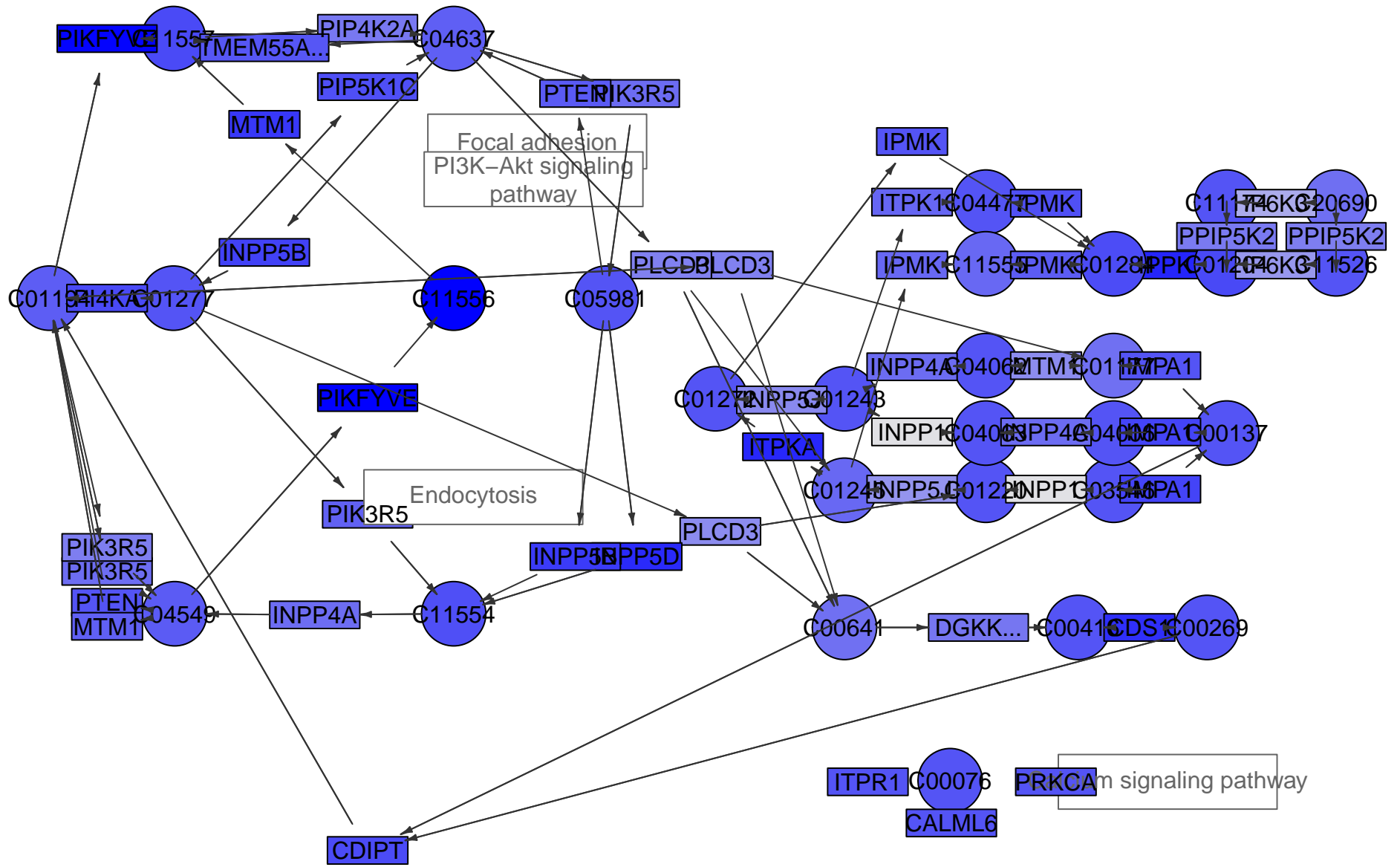
MPI-061





# Phosphatidylinositol signaling system

MPI-070







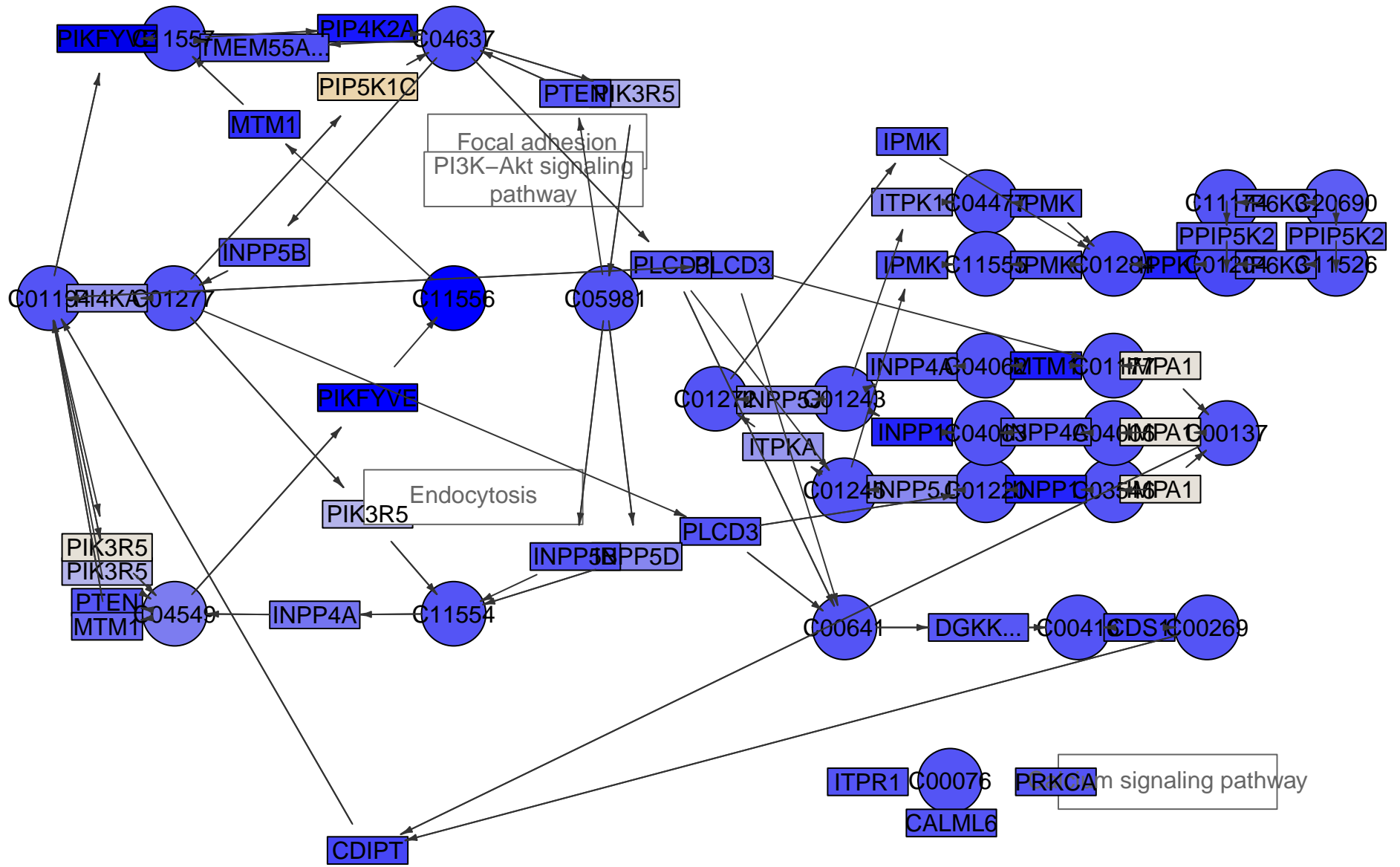






# Phosphatidylinositol signaling system

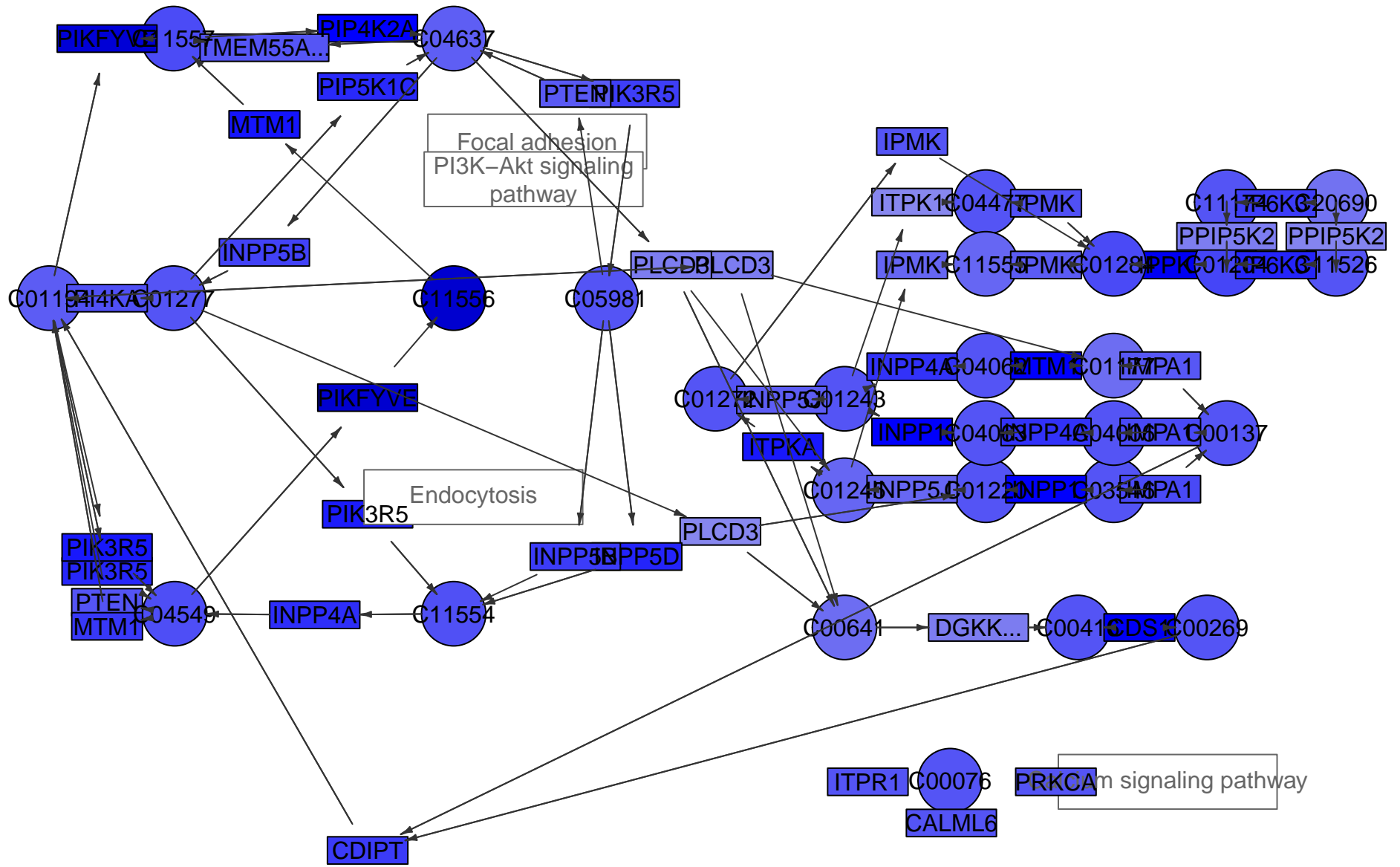
MPI-104





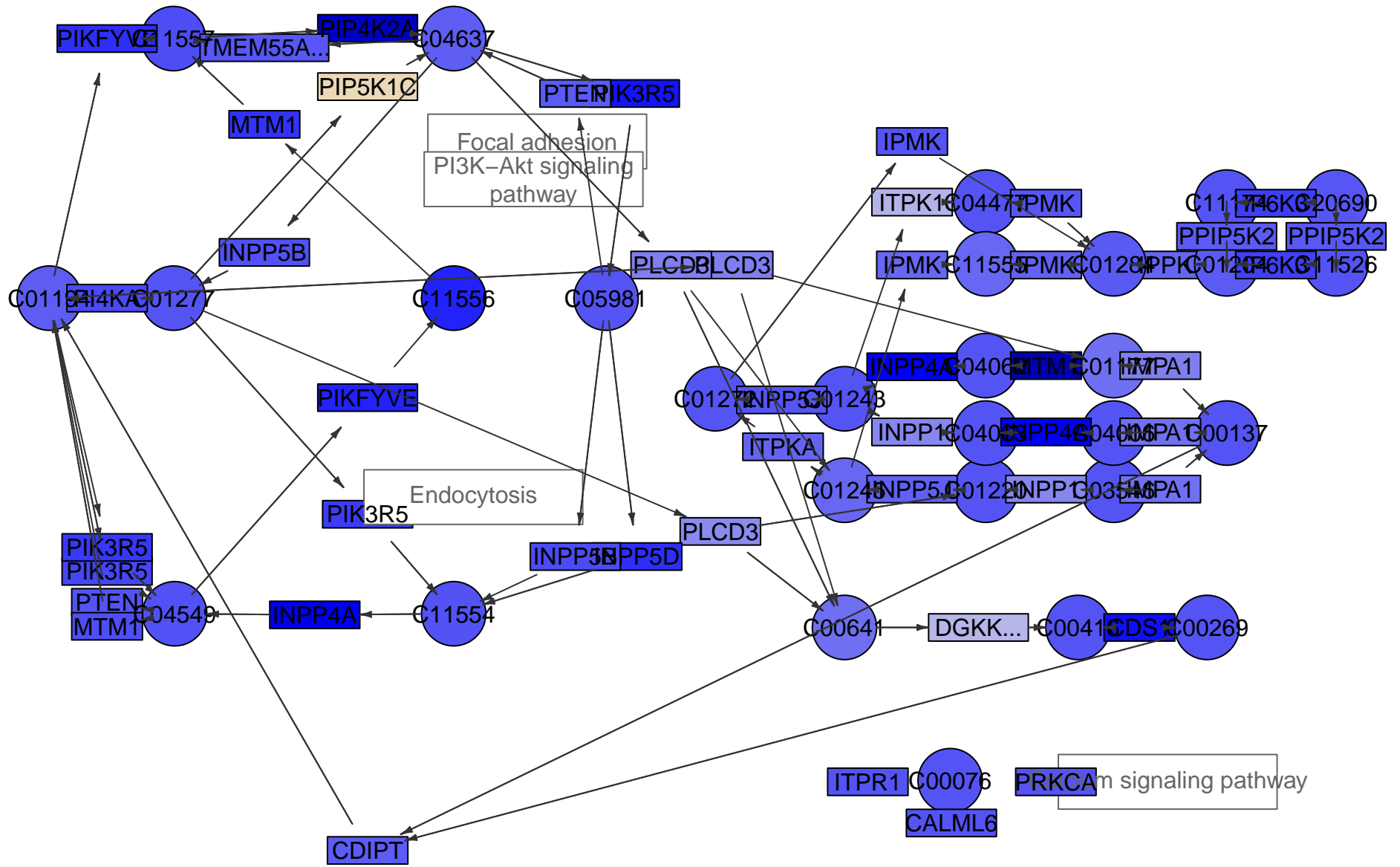
# Phosphatidylinositol signaling system

MPI-112



# Phosphatidylinositol signaling system

MPI-116

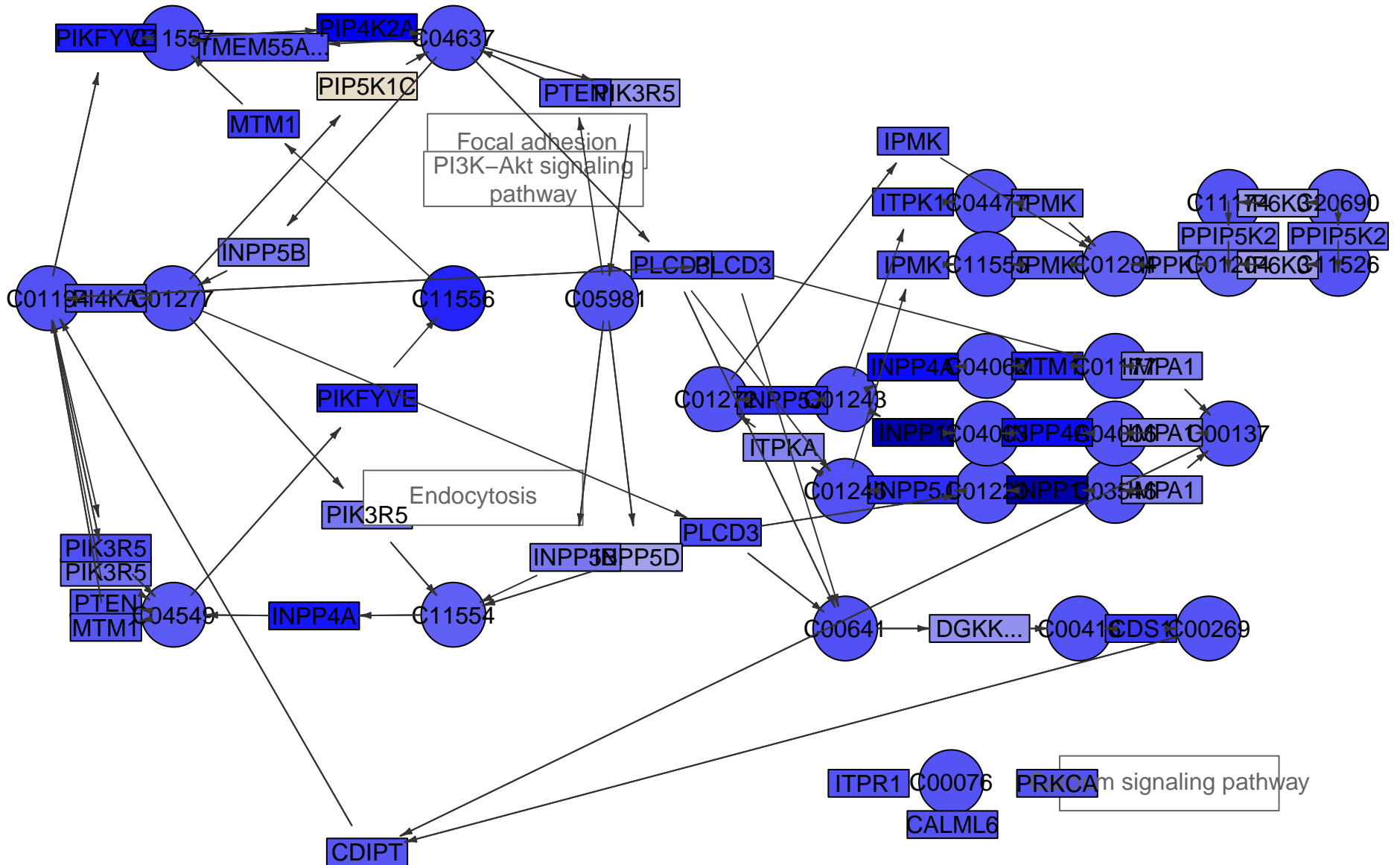






# Phosphatidylinositol signaling system

MPI-120

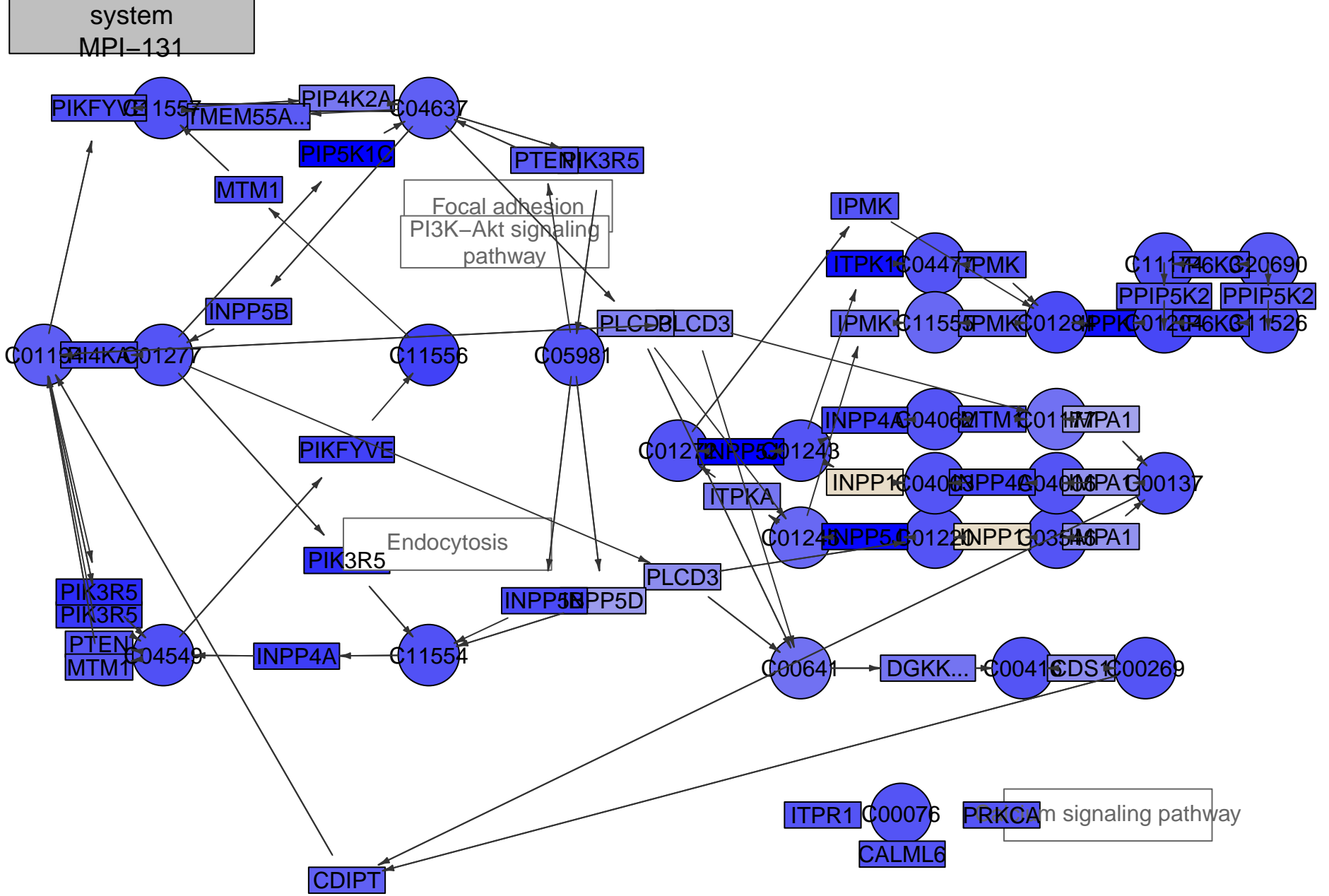








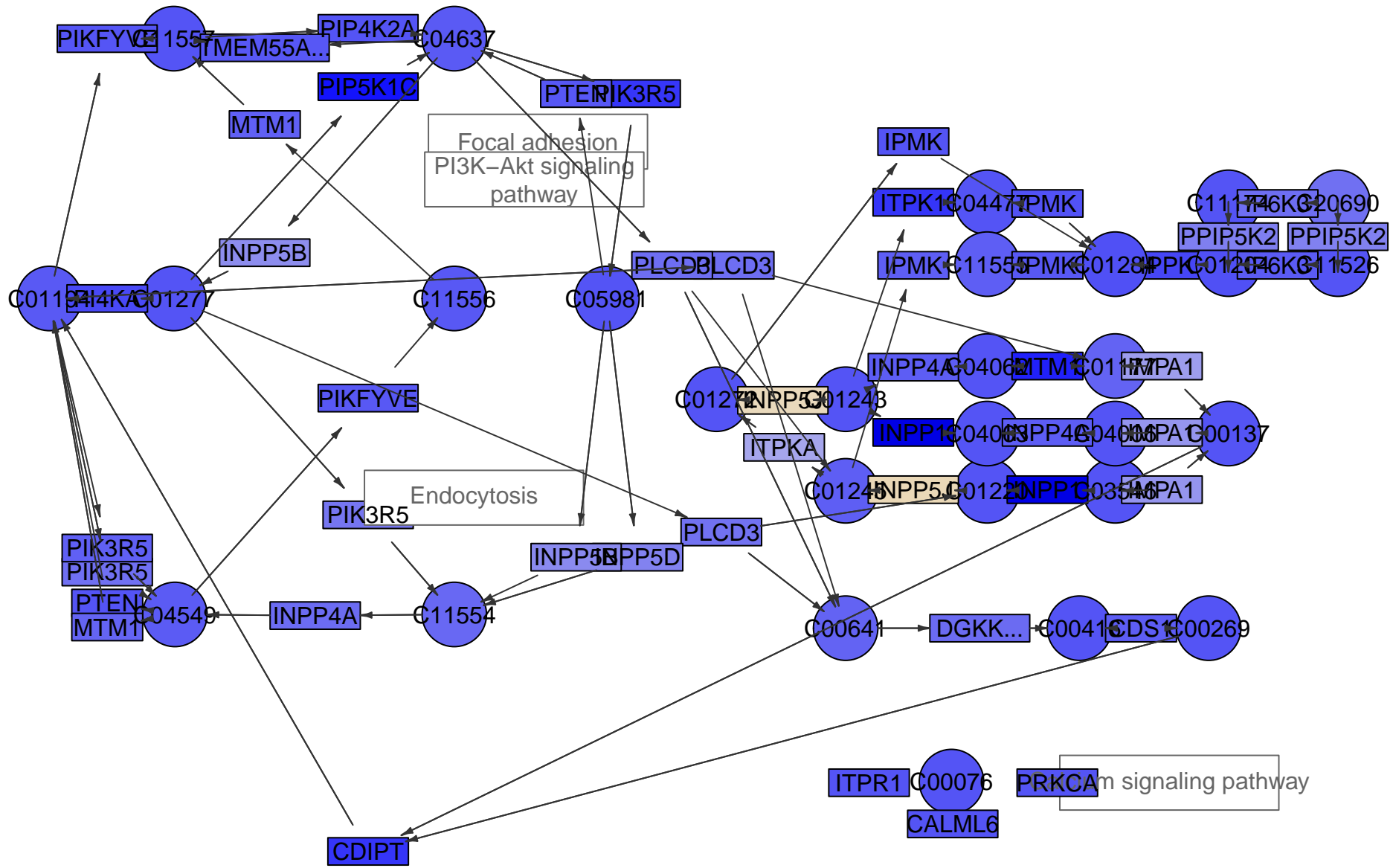
# Phosphatidylinositol signaling system





# Phosphatidylinositol signaling system

MPI-148







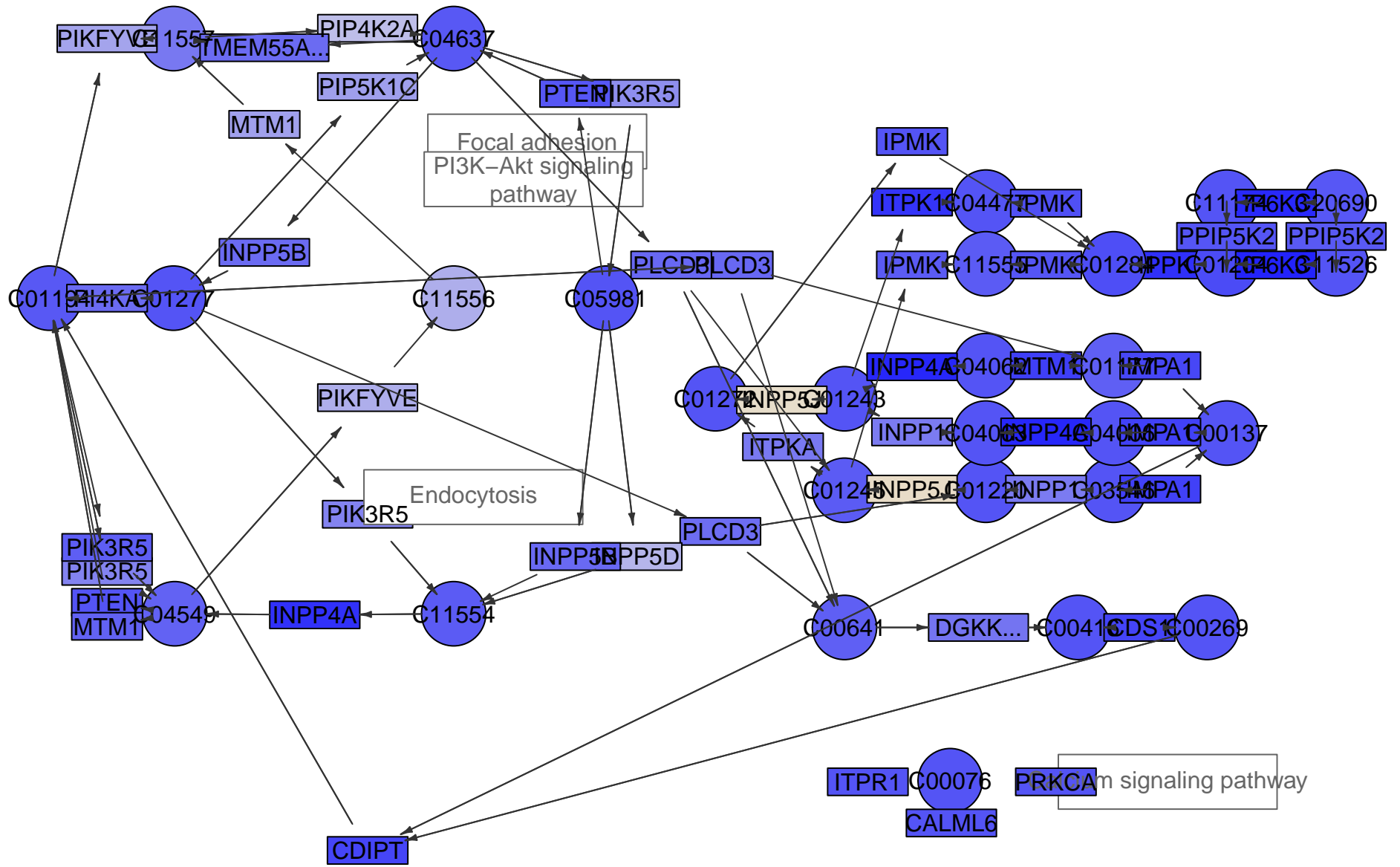






# Phosphatidylinositol signaling system

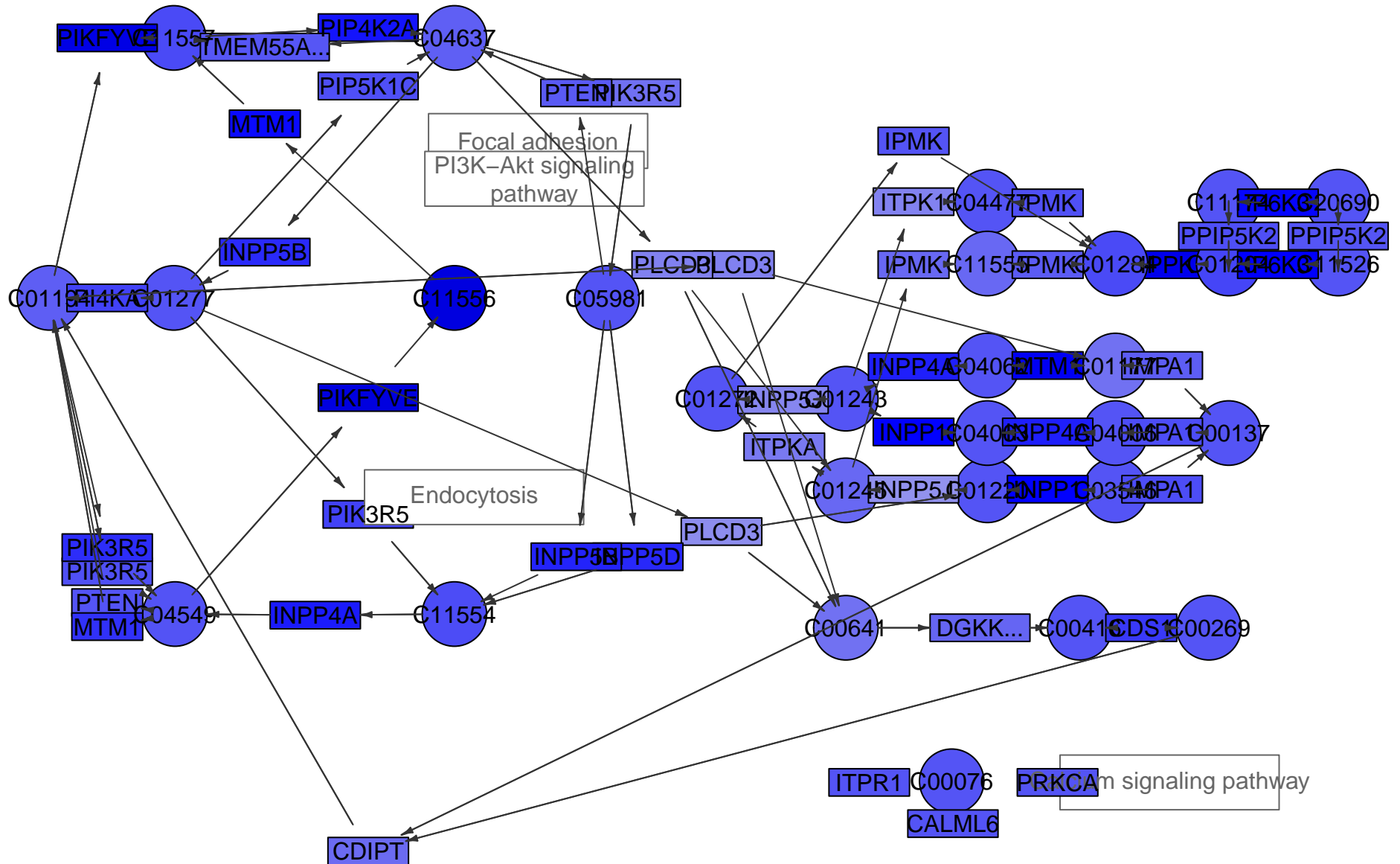
MPI-175



# Phosphatidylinositol signaling system

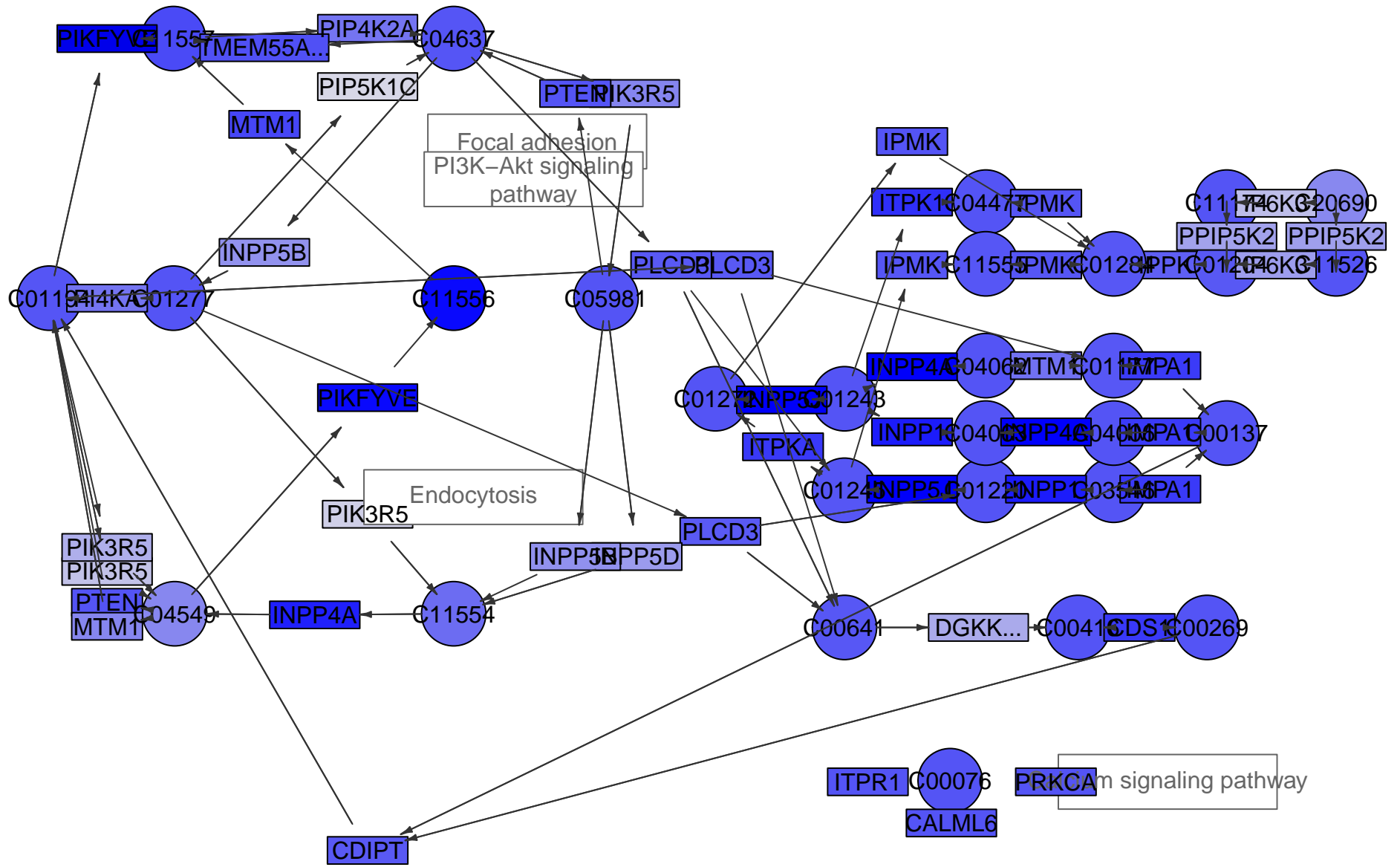
system

MPI-187



# Phosphatidylinositol signaling system

MPI-193



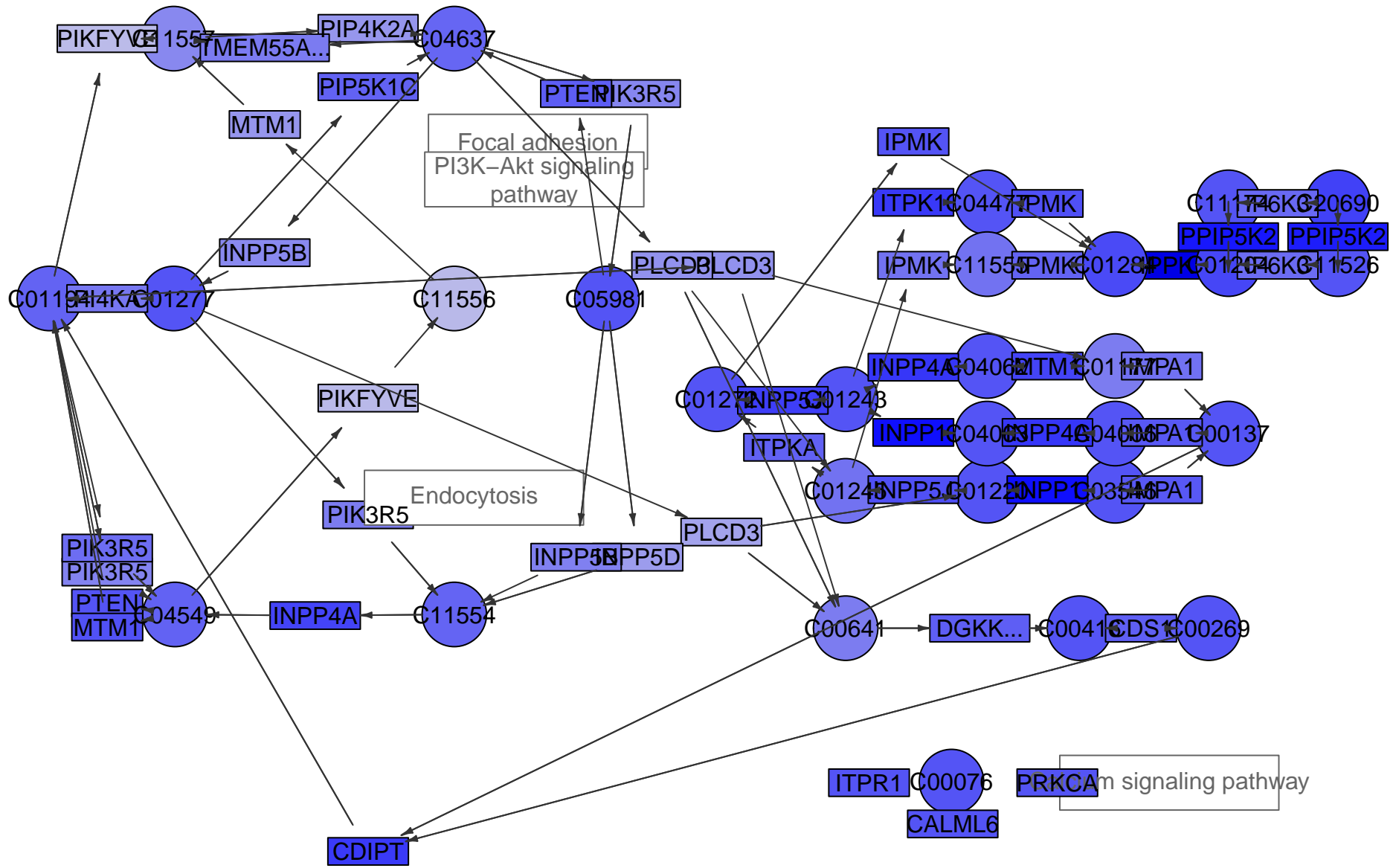






# Phosphatidylinositol signaling system

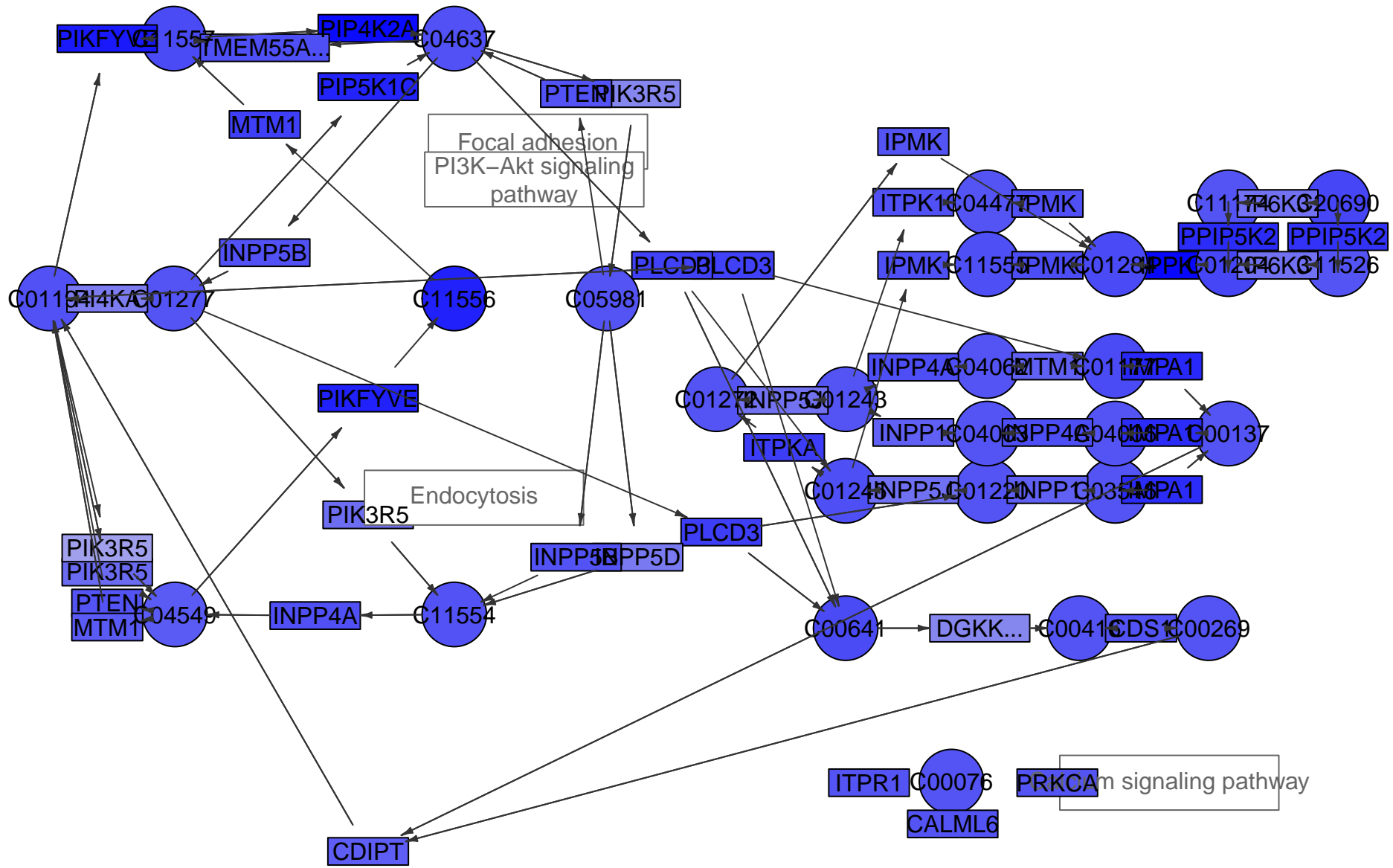
MPI-225





# Phosphatidylinositol signaling system

MPI-245

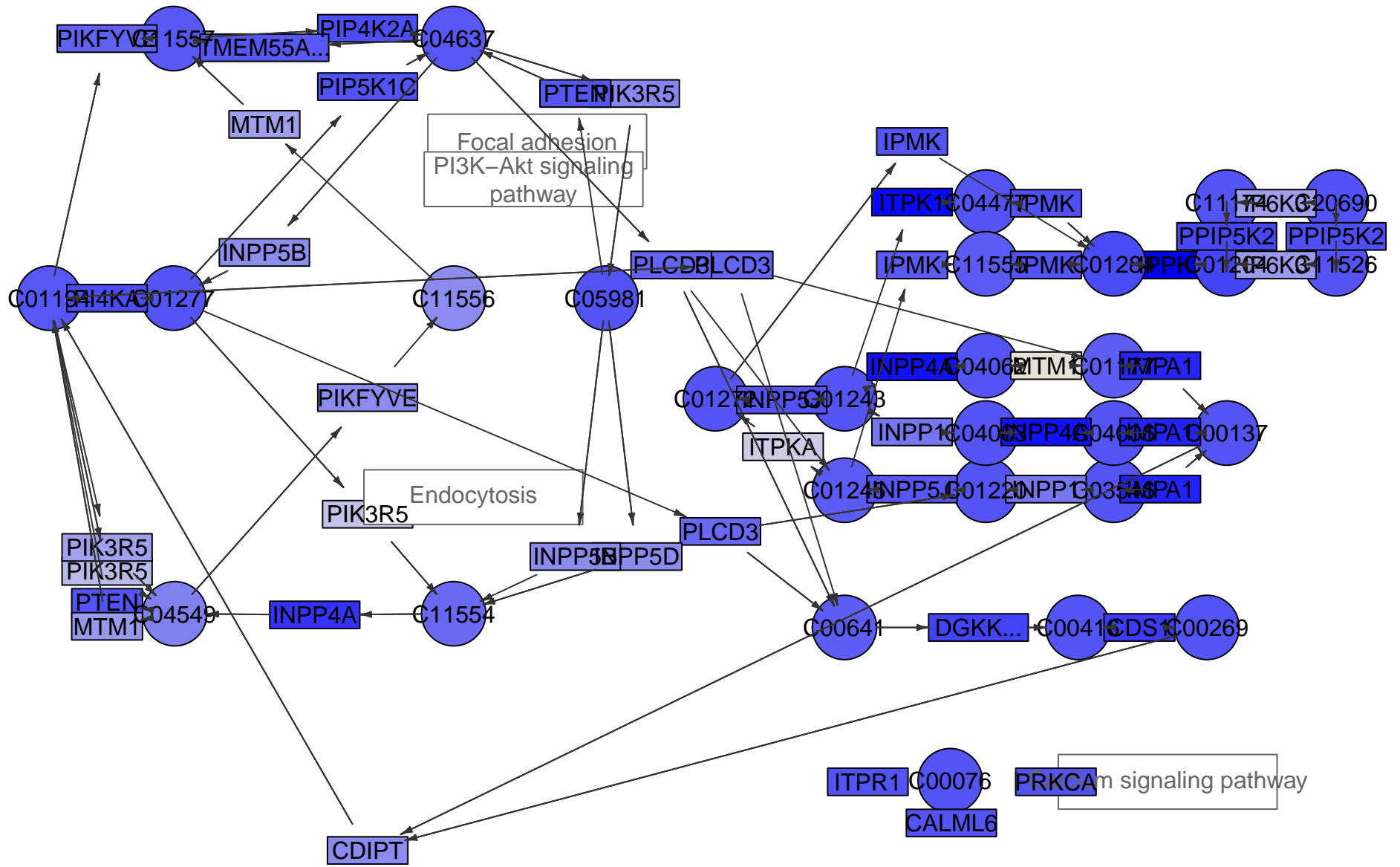


m signaling pathway



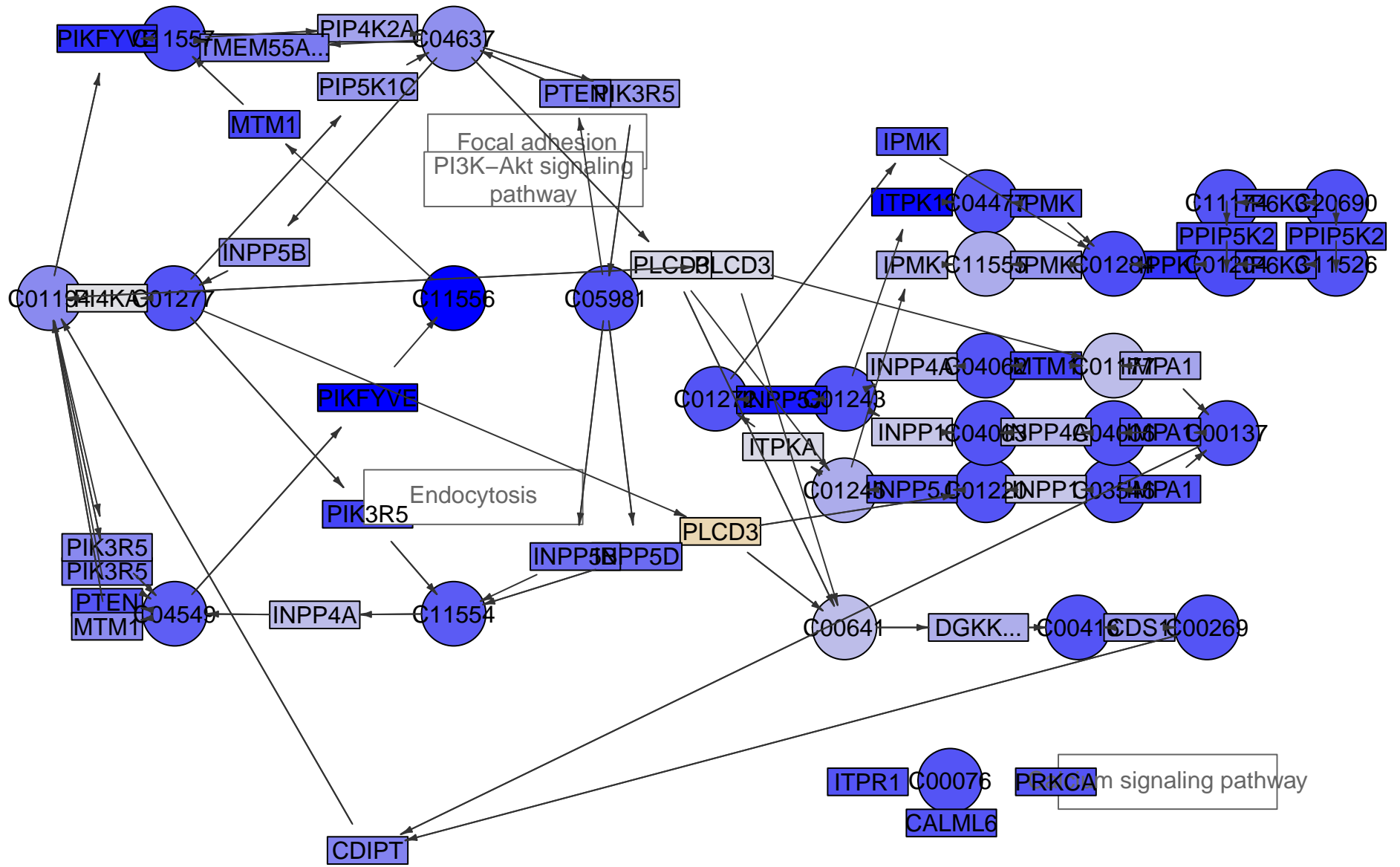
# Phosphatidylinositol signaling system

MPI-249



# Phosphatidylinositol signaling system

MPI-250



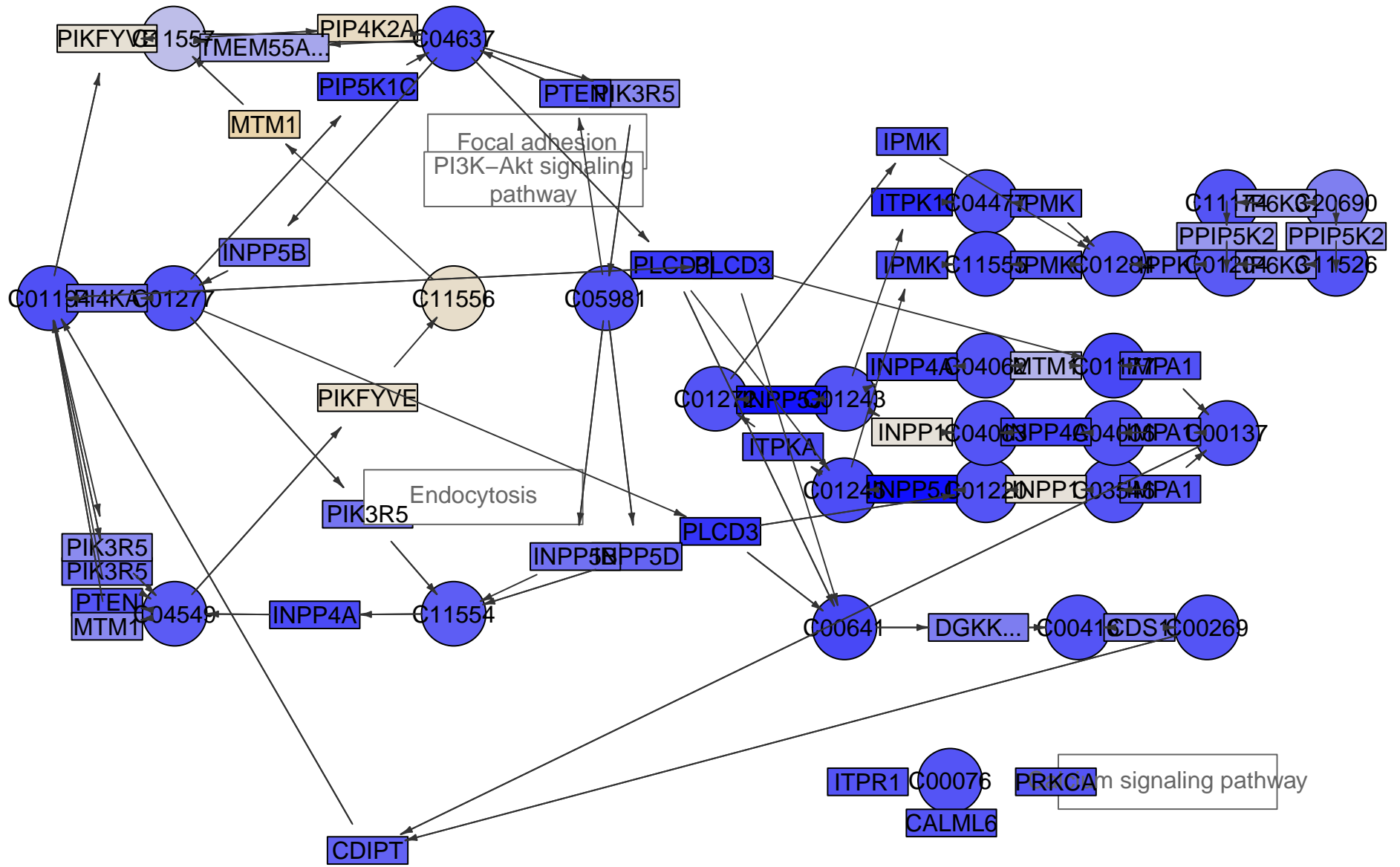






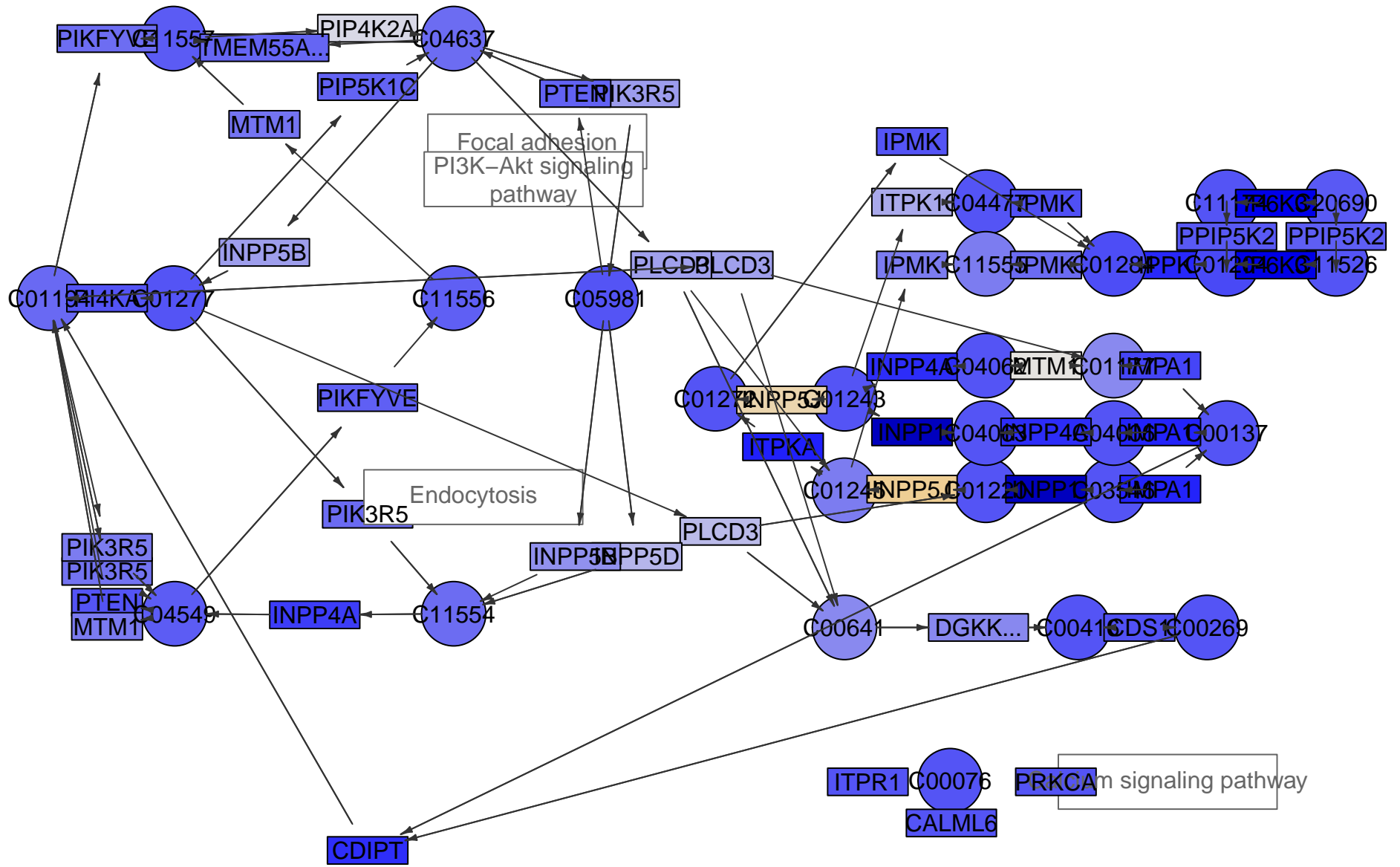
# Phosphatidylinositol signaling system

MPI-010



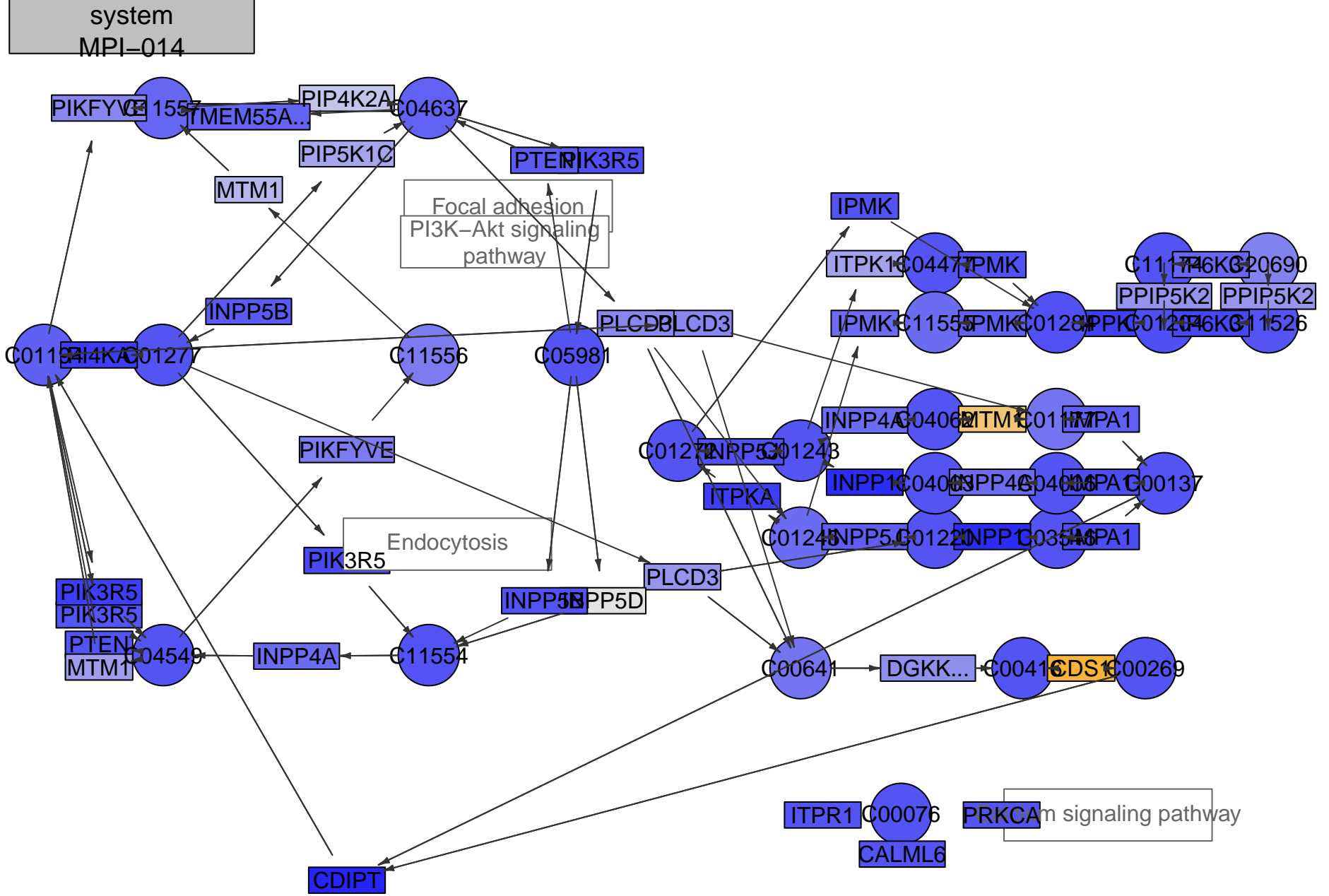
Phosphatidylinositol signaling

MPI-012





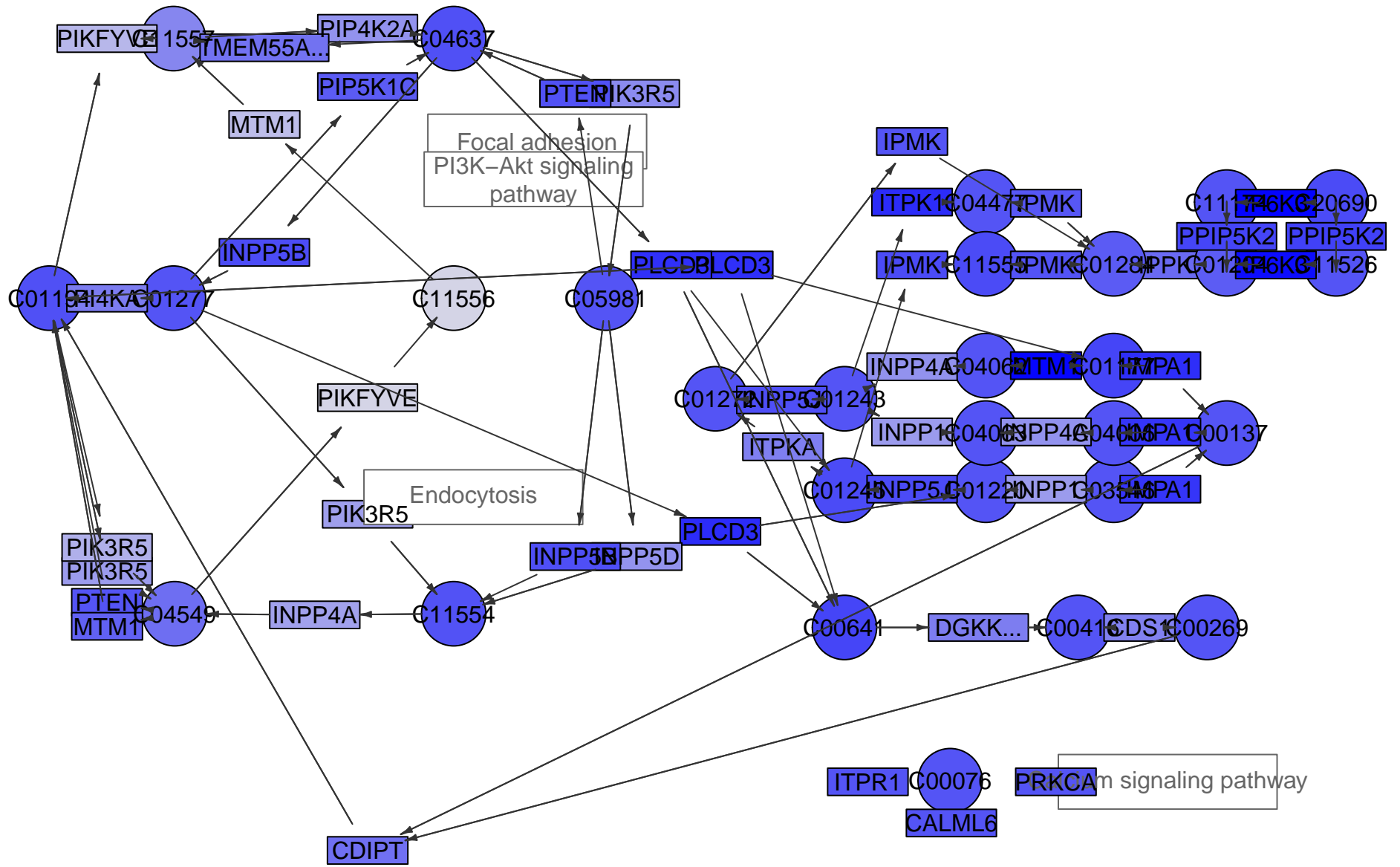
Phosphatidylinositol signaling system





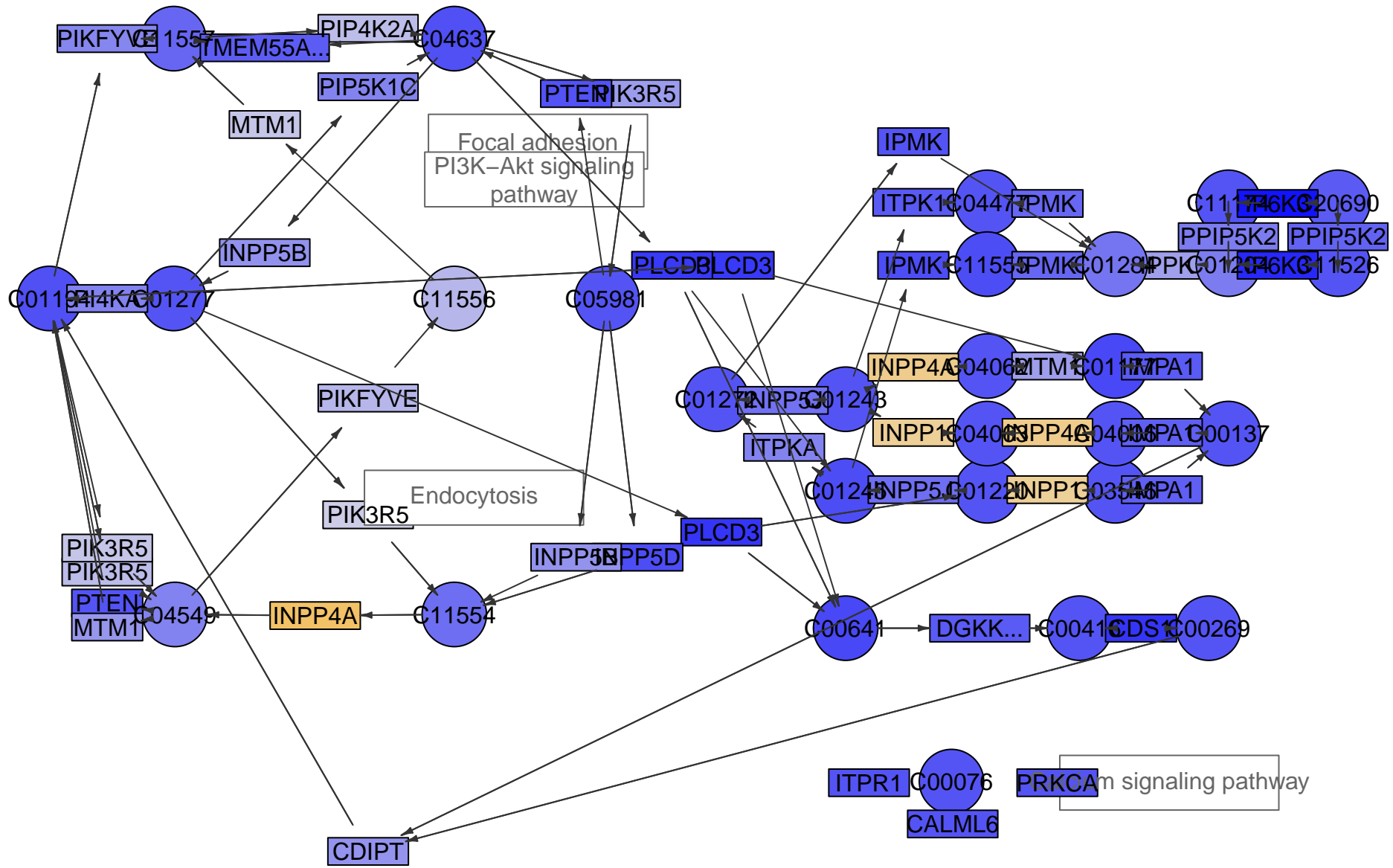
# Phosphatidylinositol signaling system

MPI-021



# Phosphatidylinositol signaling system

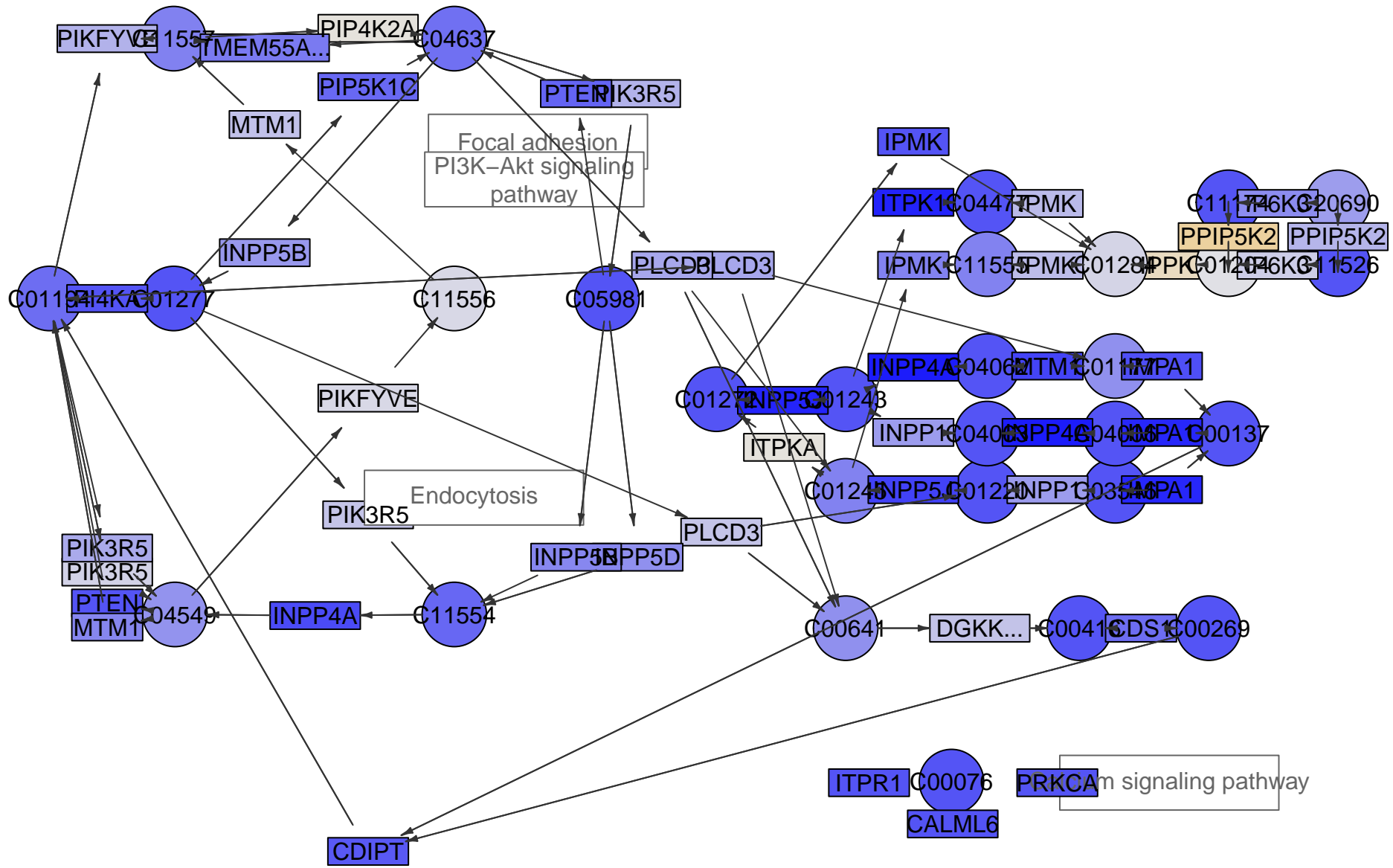
MPI-022





Phosphatidylinositol signaling system

MPI-025







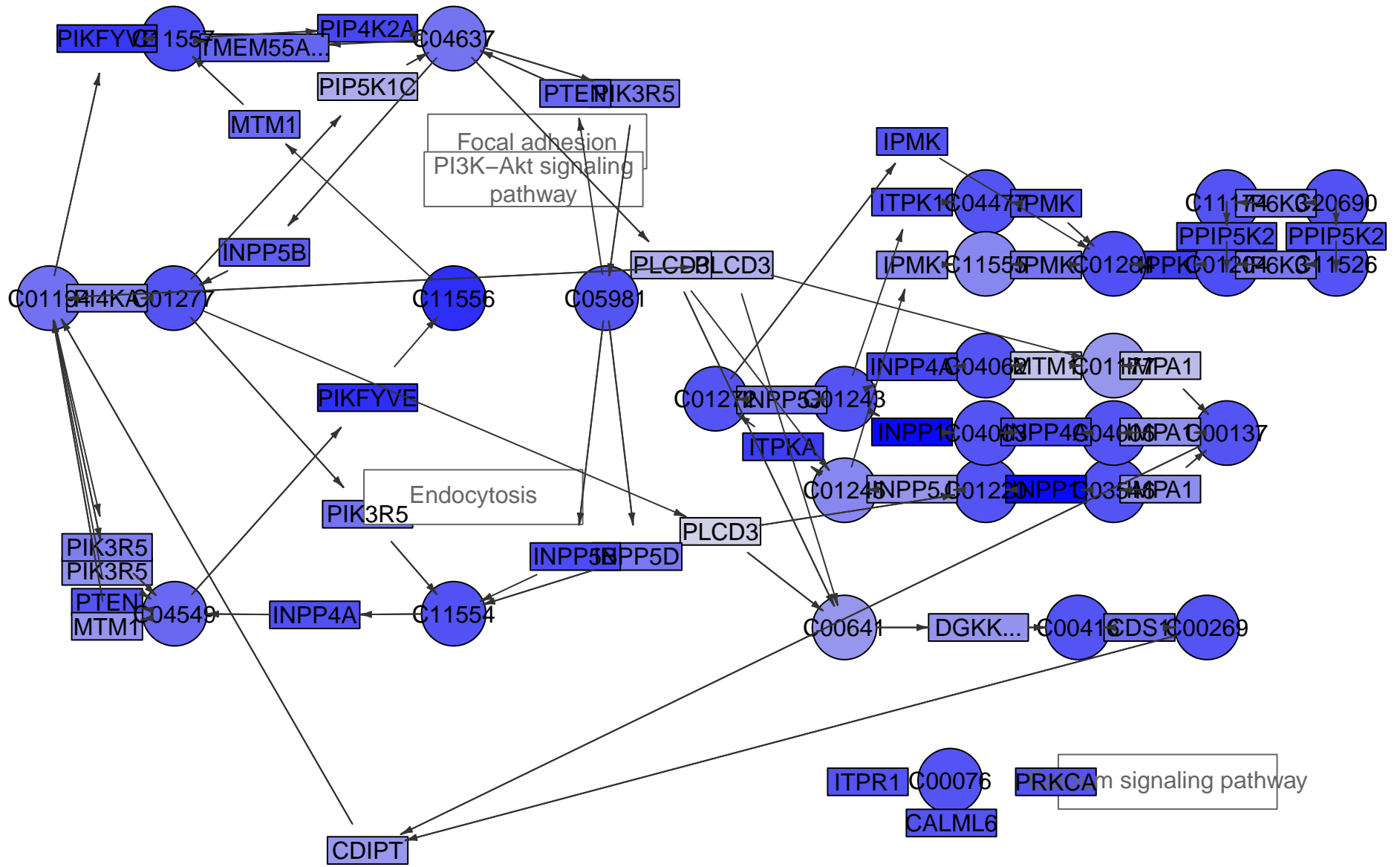






# Phosphatidylinositol signaling system

MPI-045

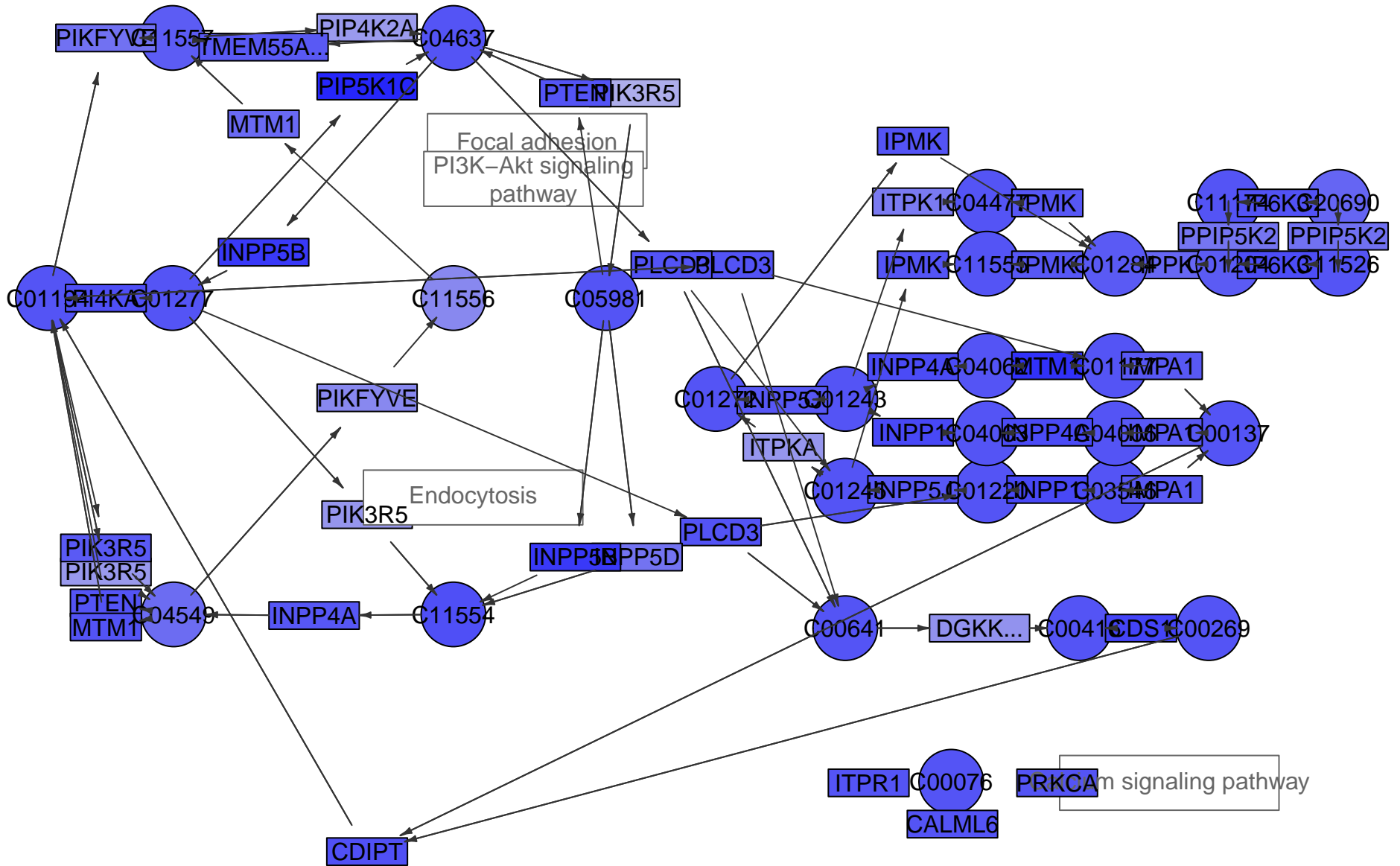






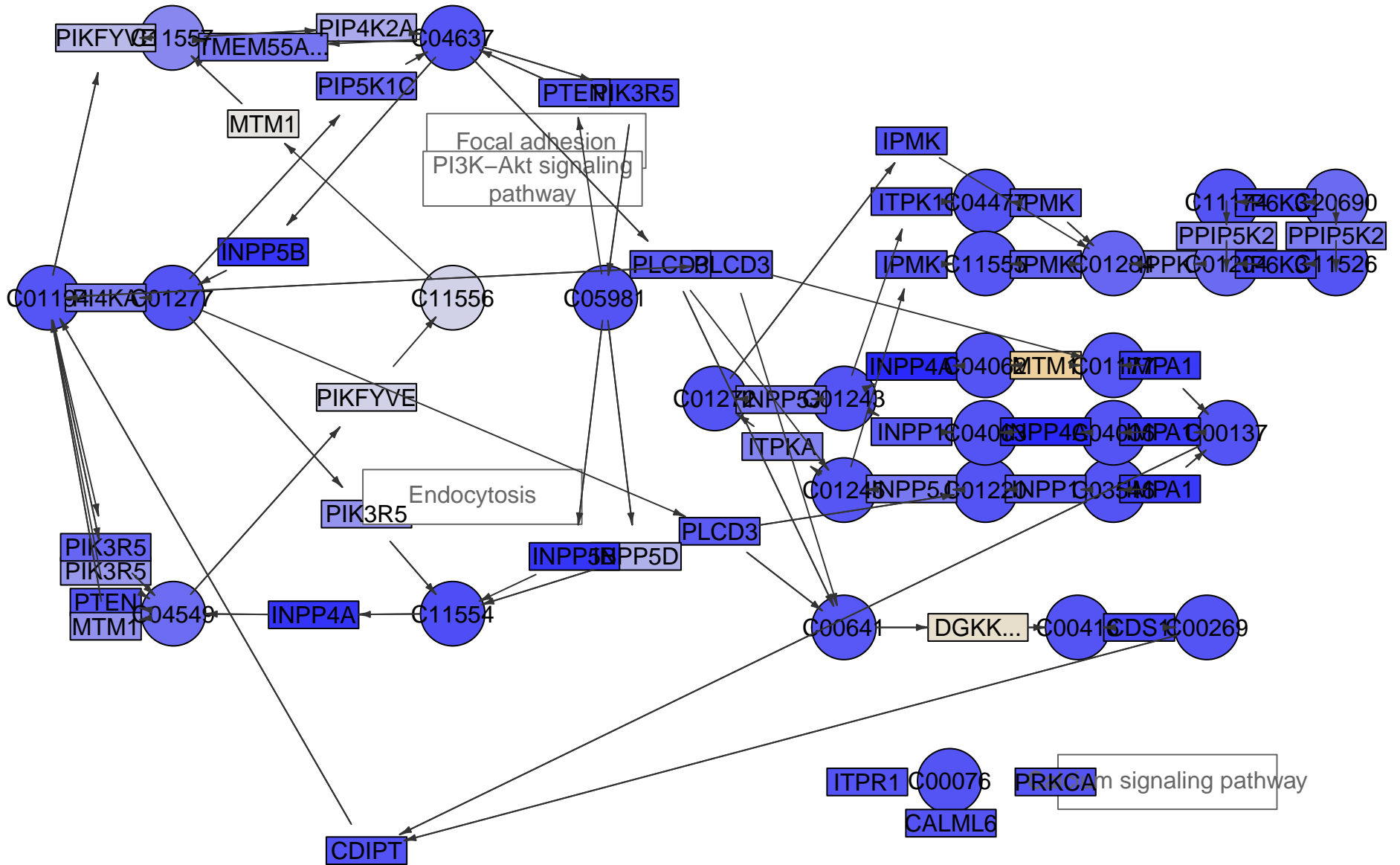
# Phosphatidylinositol signaling system

MPI-053



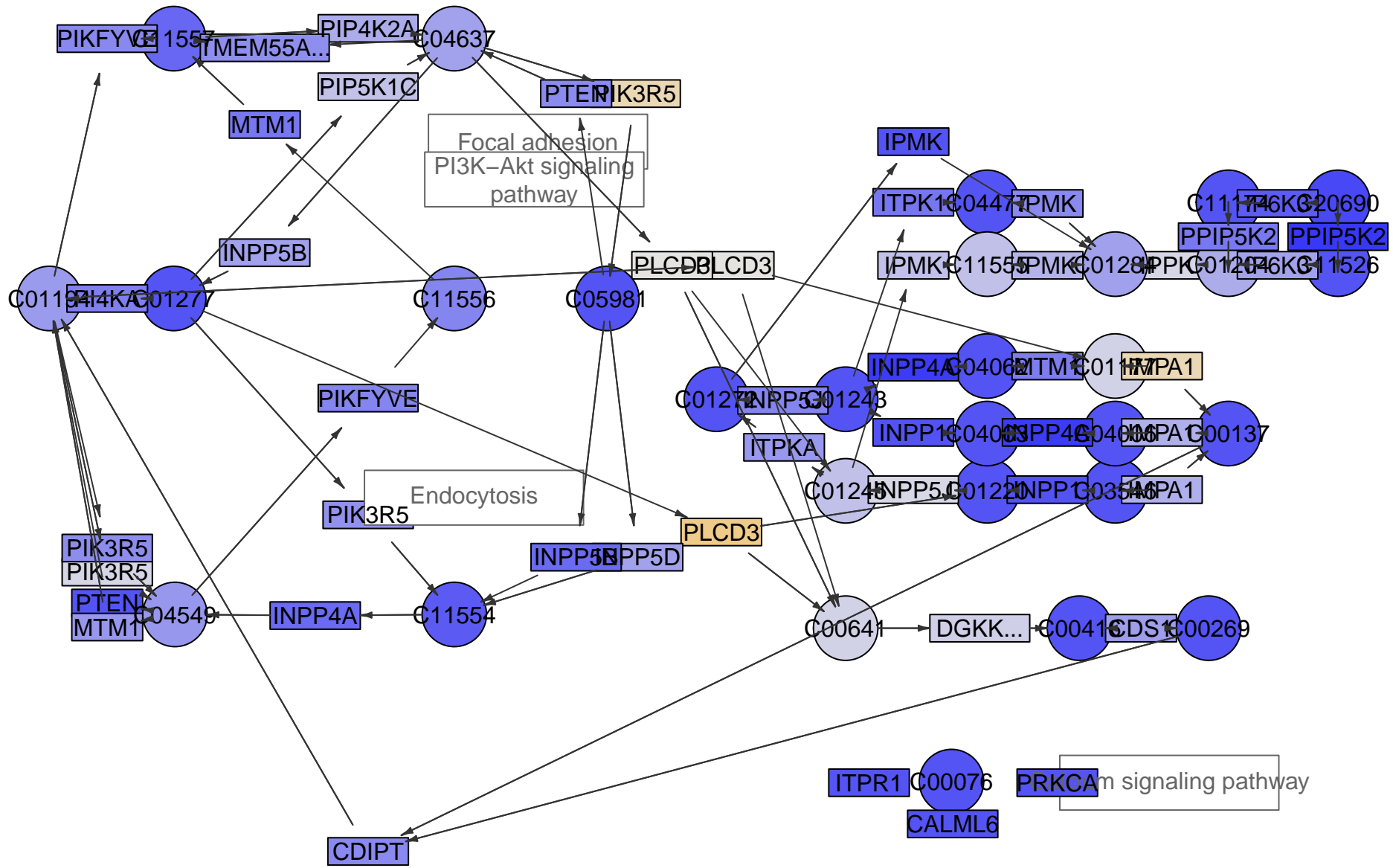


Phosphatidylinositol signaling system  
MPI-063



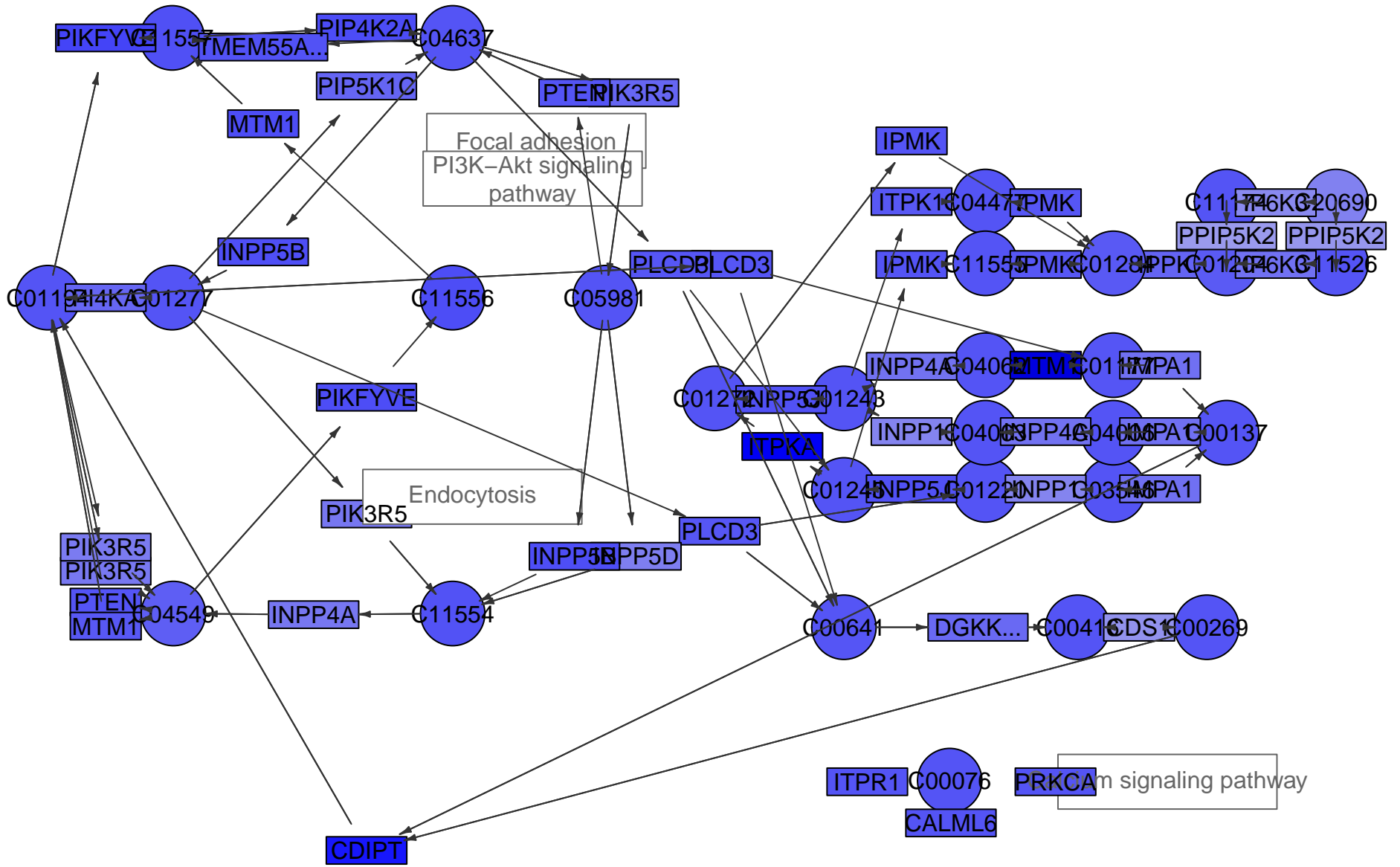
Phosphatidylinositol signaling system

MPI-069



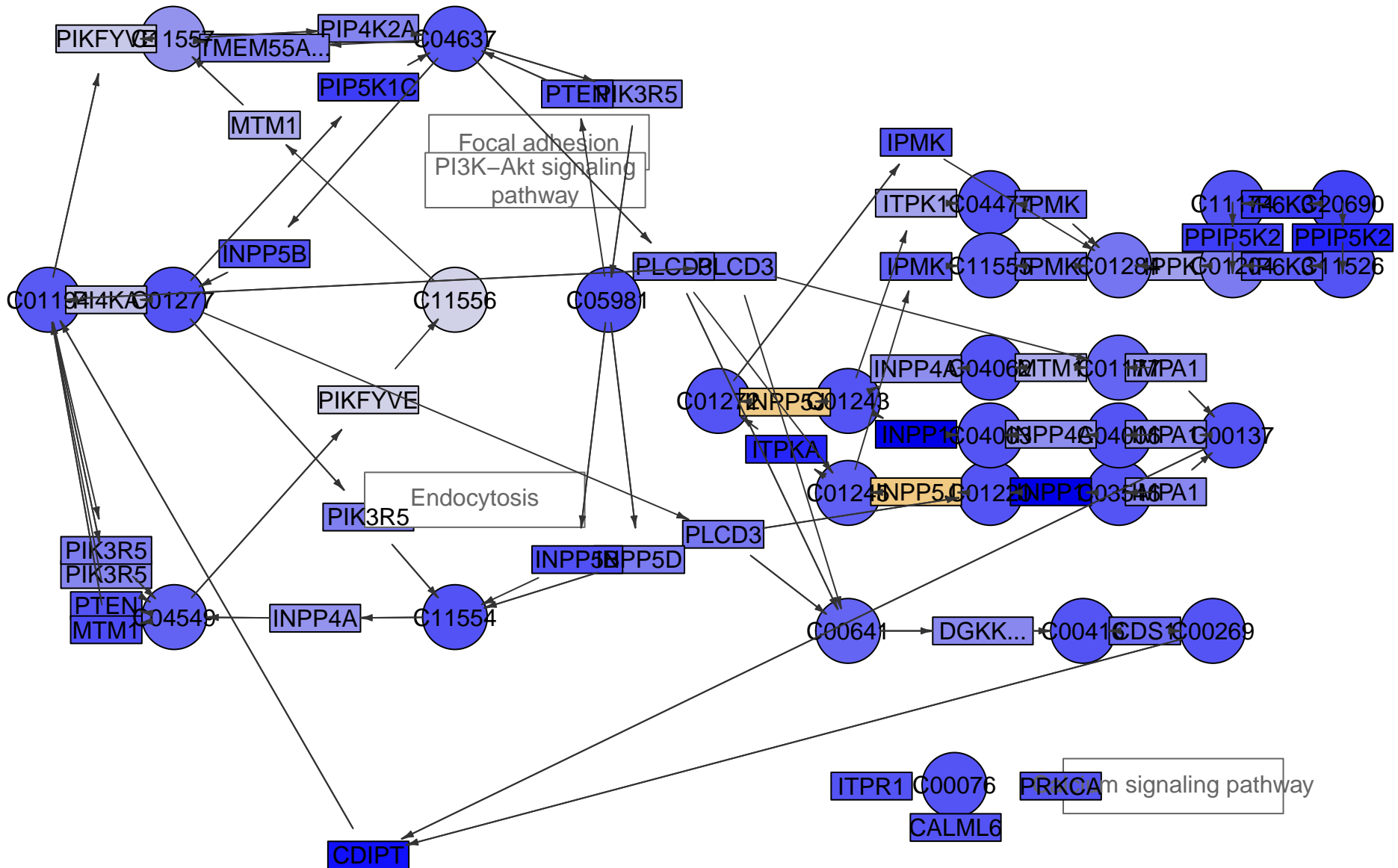
Phosphatidylinositol signaling

MPI-073



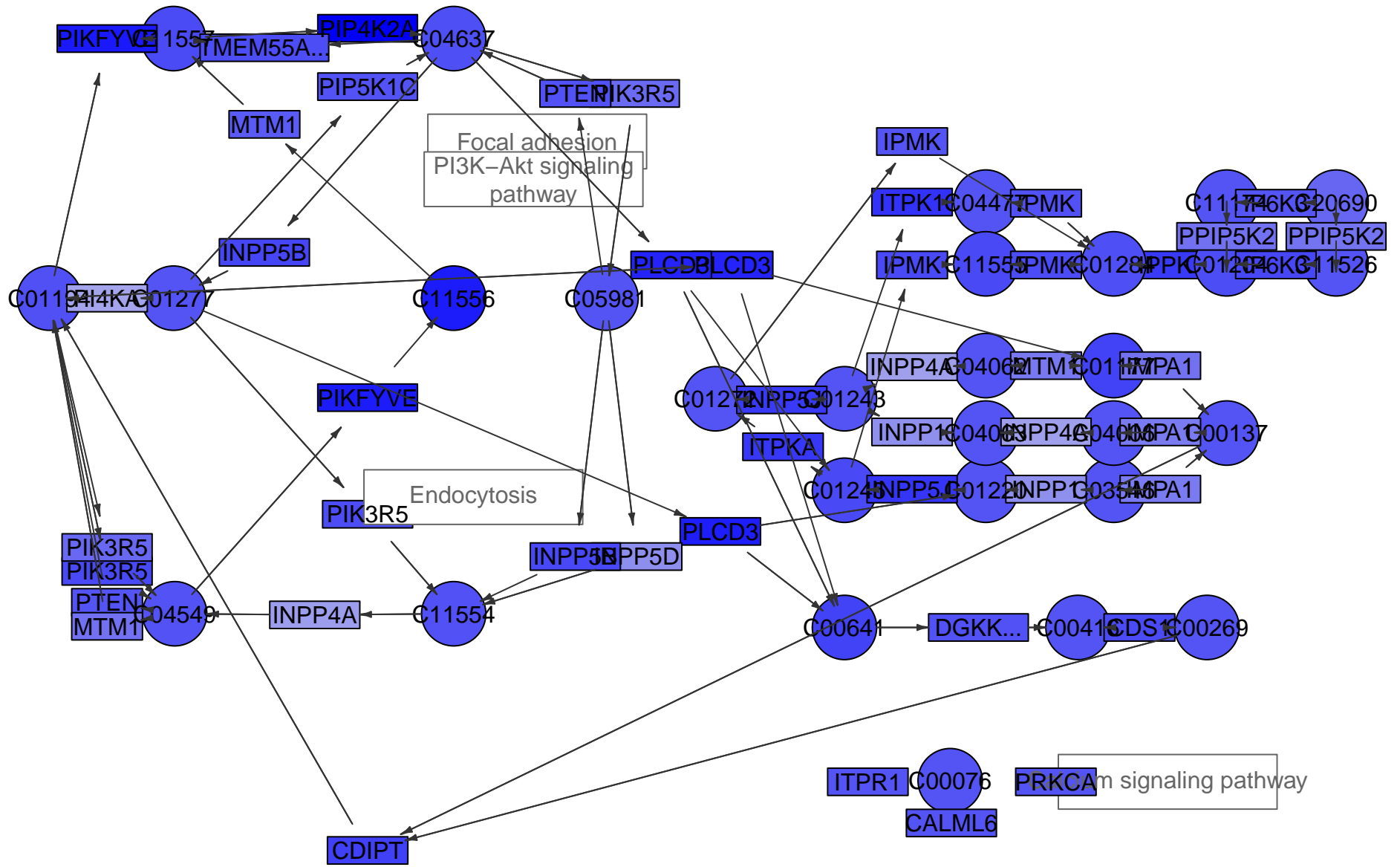
Phosphatidylinositol signaling system

MPI-074



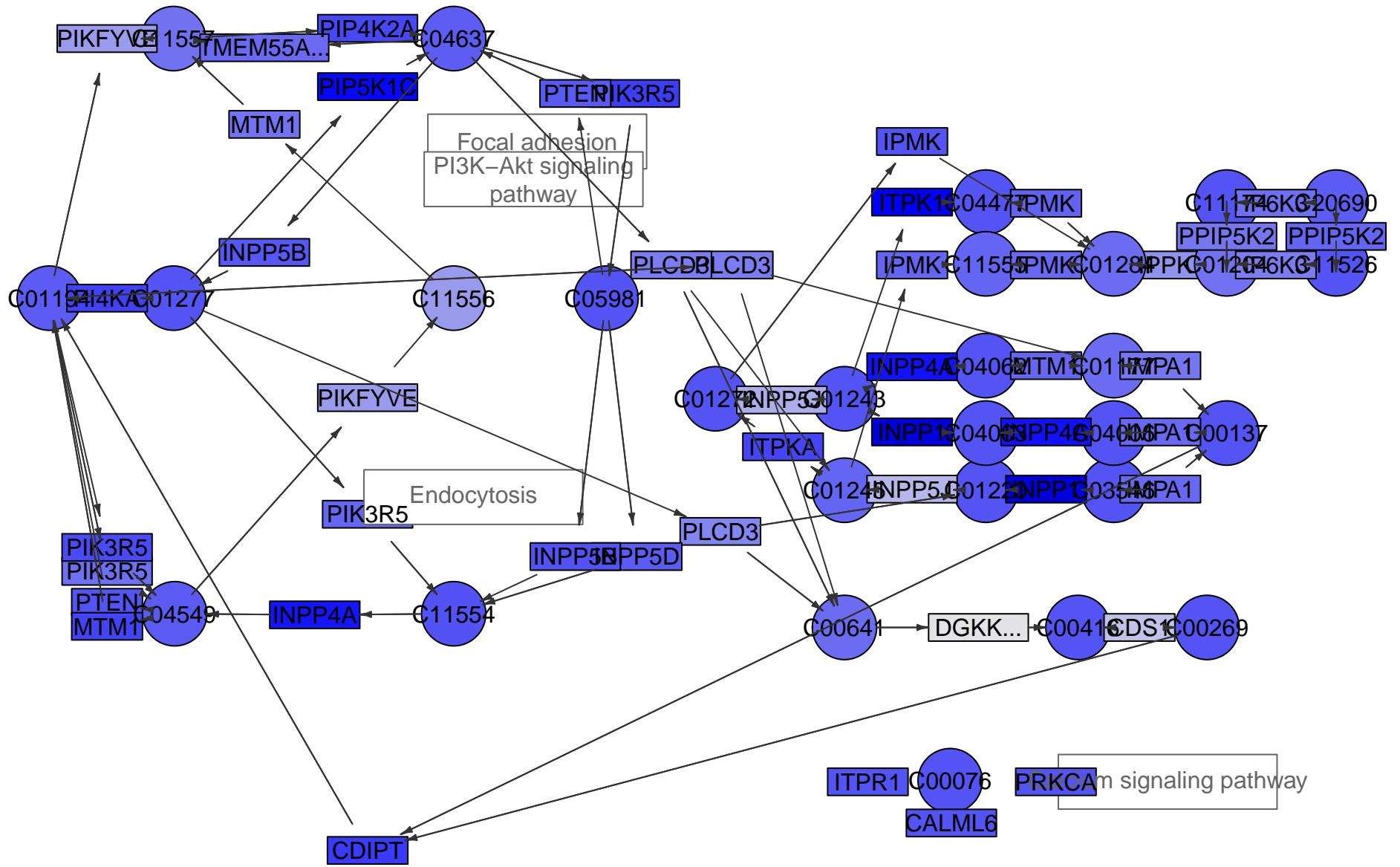
Phosphatidylinositol signaling system

MPI-076



# Phosphatidylinositol signaling system

MPI-083





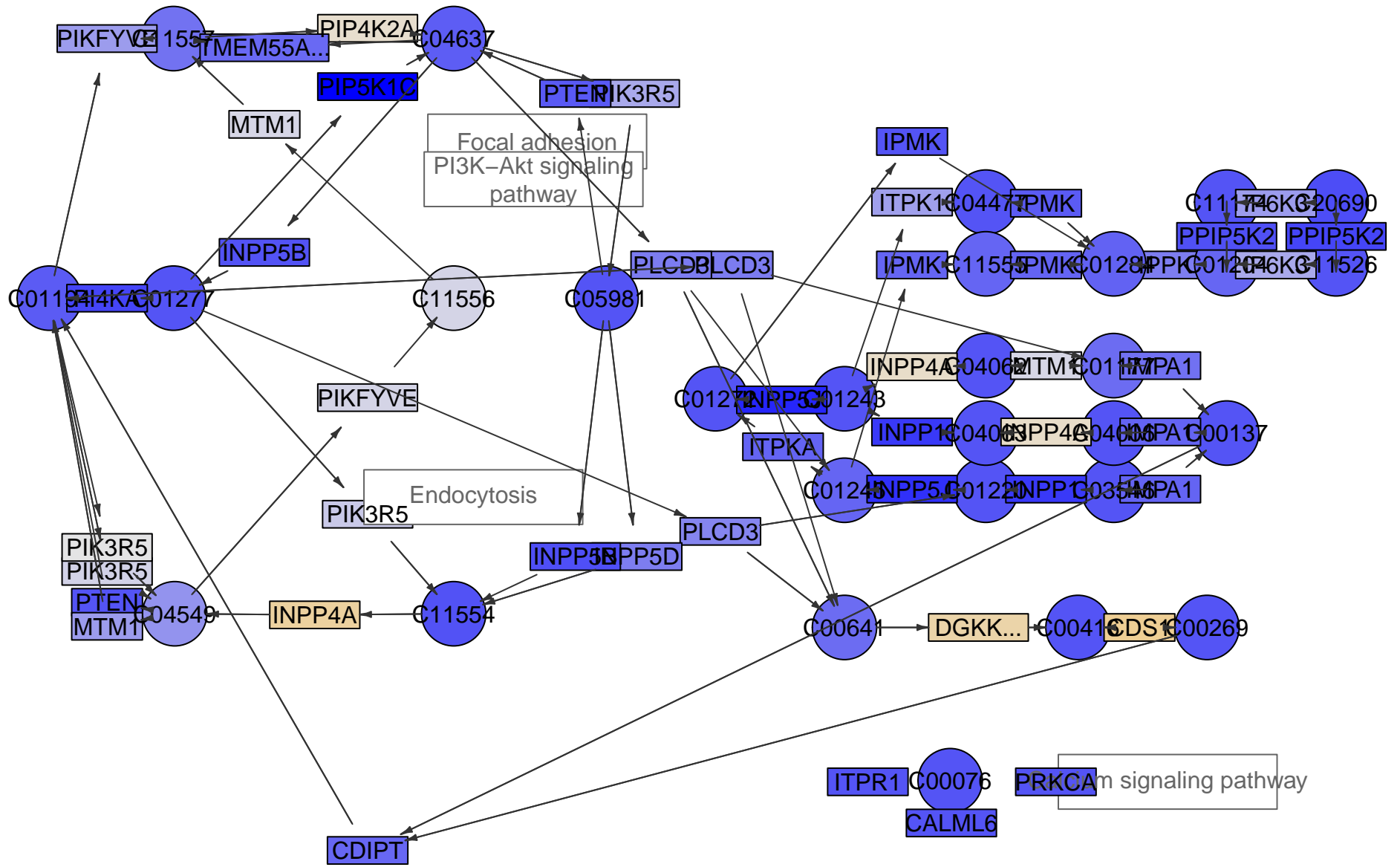






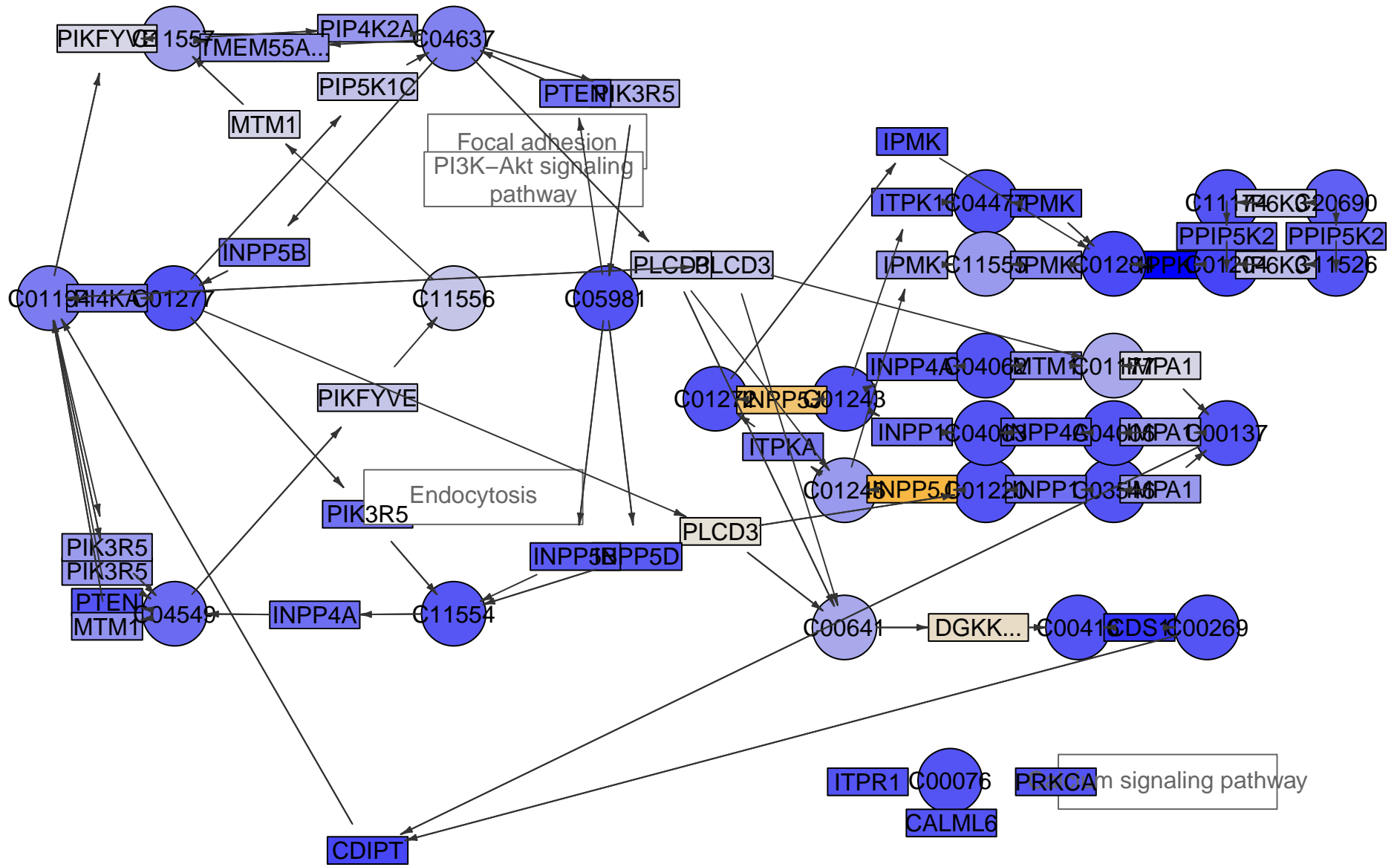
Phosphatidylinositol signaling system

MPI-098



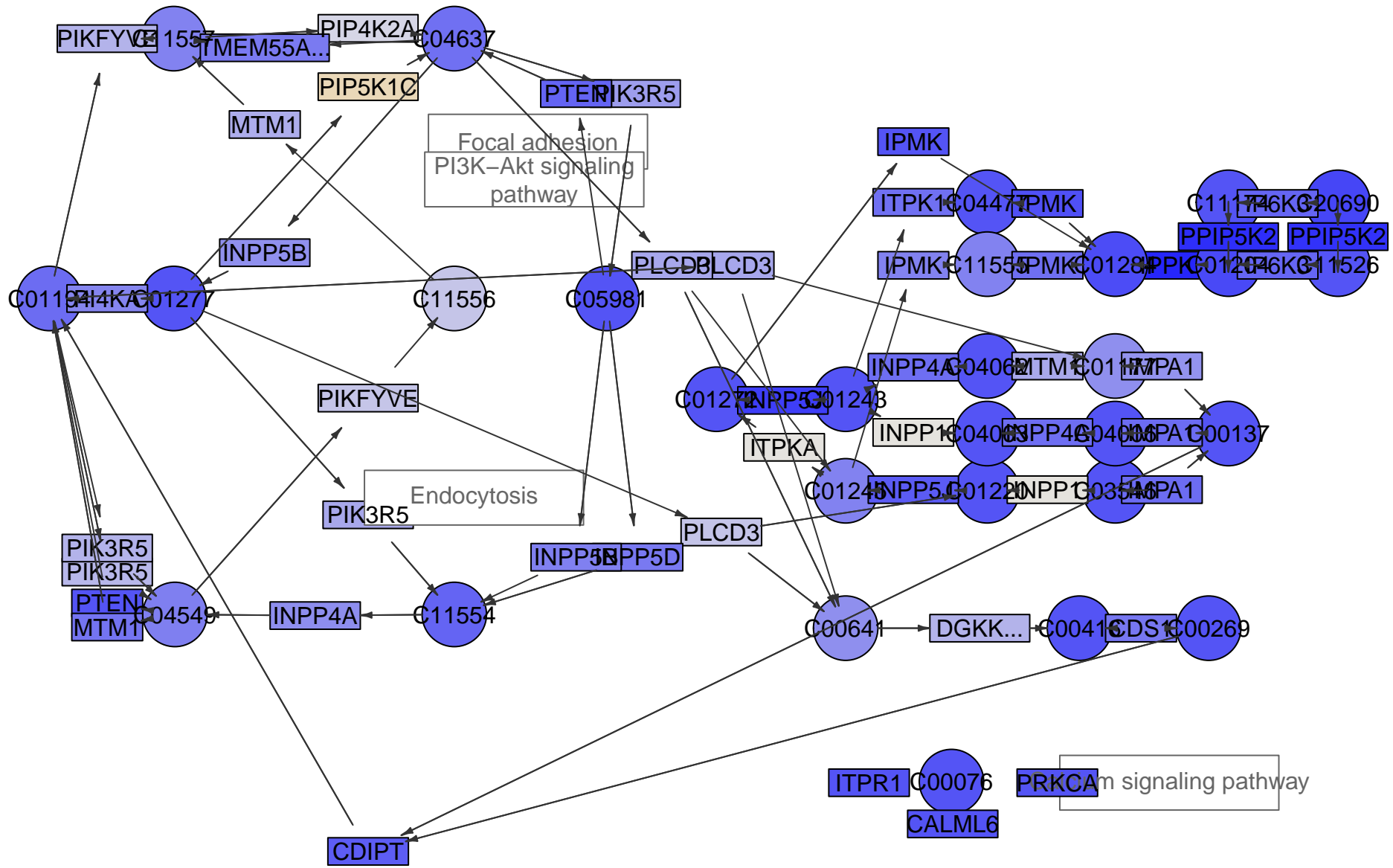
Phosphatidylinositol signaling system

MPI-100



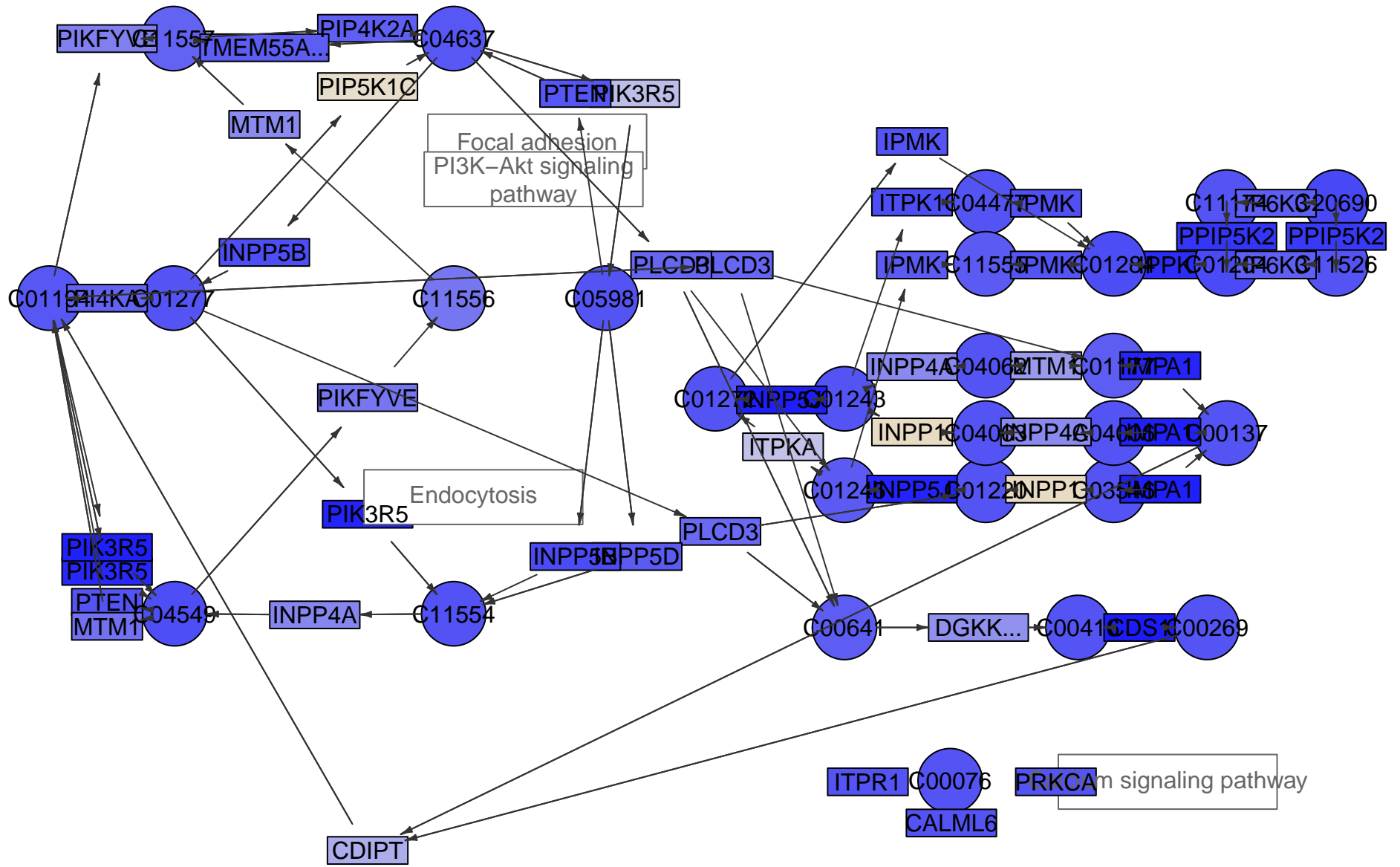
# Phosphatidylinositol signaling system

MPI-105



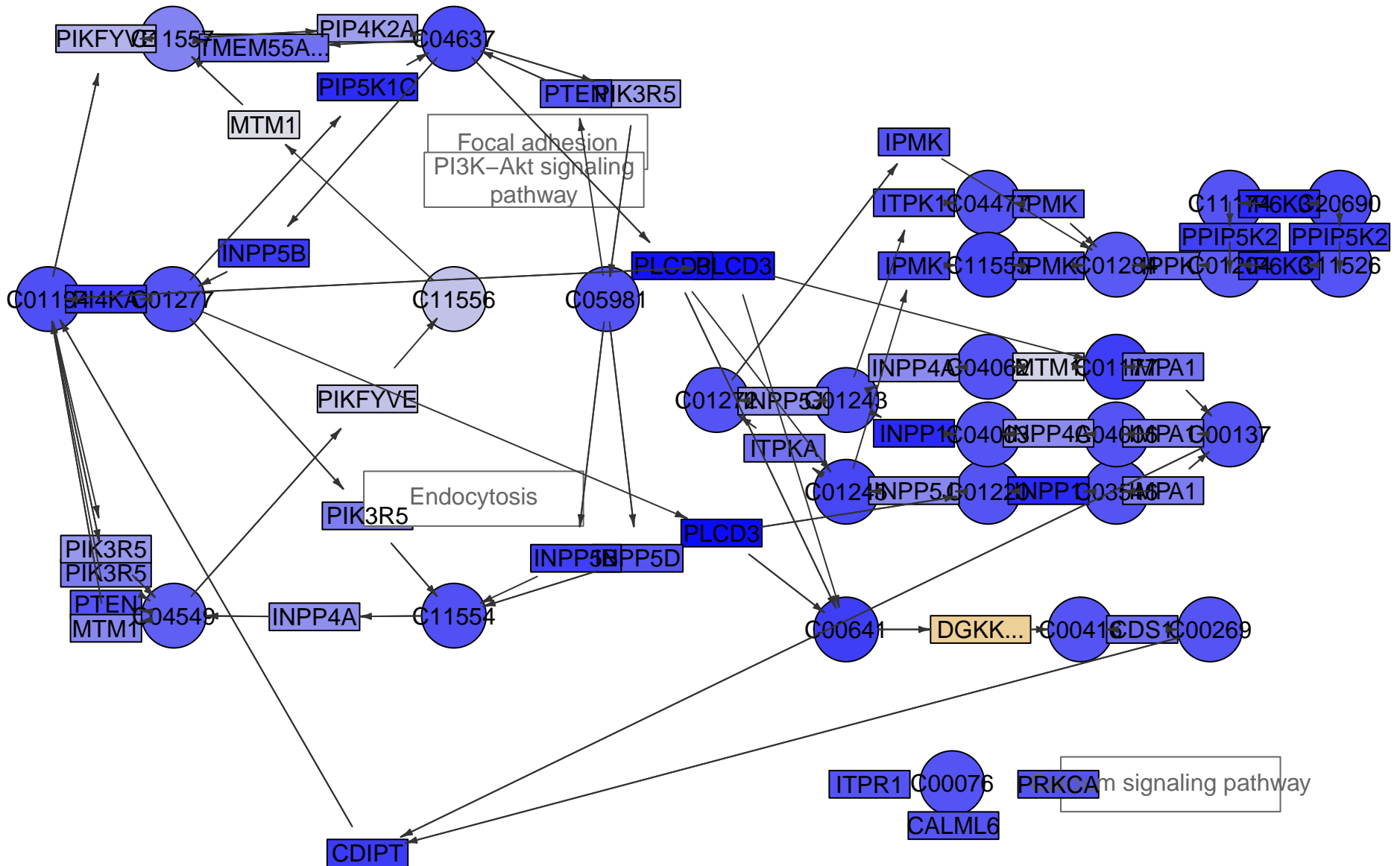
# Phosphatidylinositol signaling system

MPI-106



# Phosphatidylinositol signaling system

MPI-108



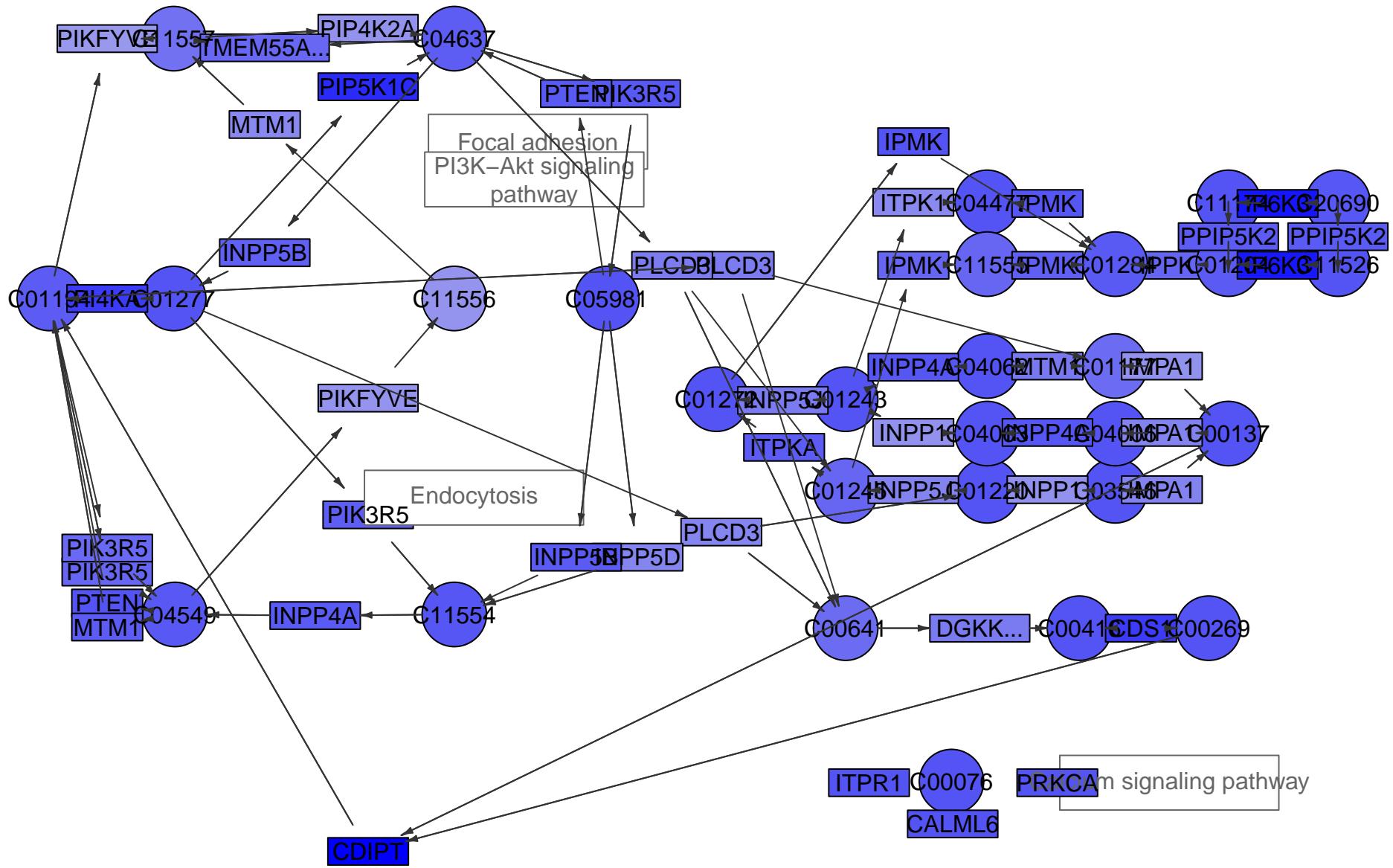






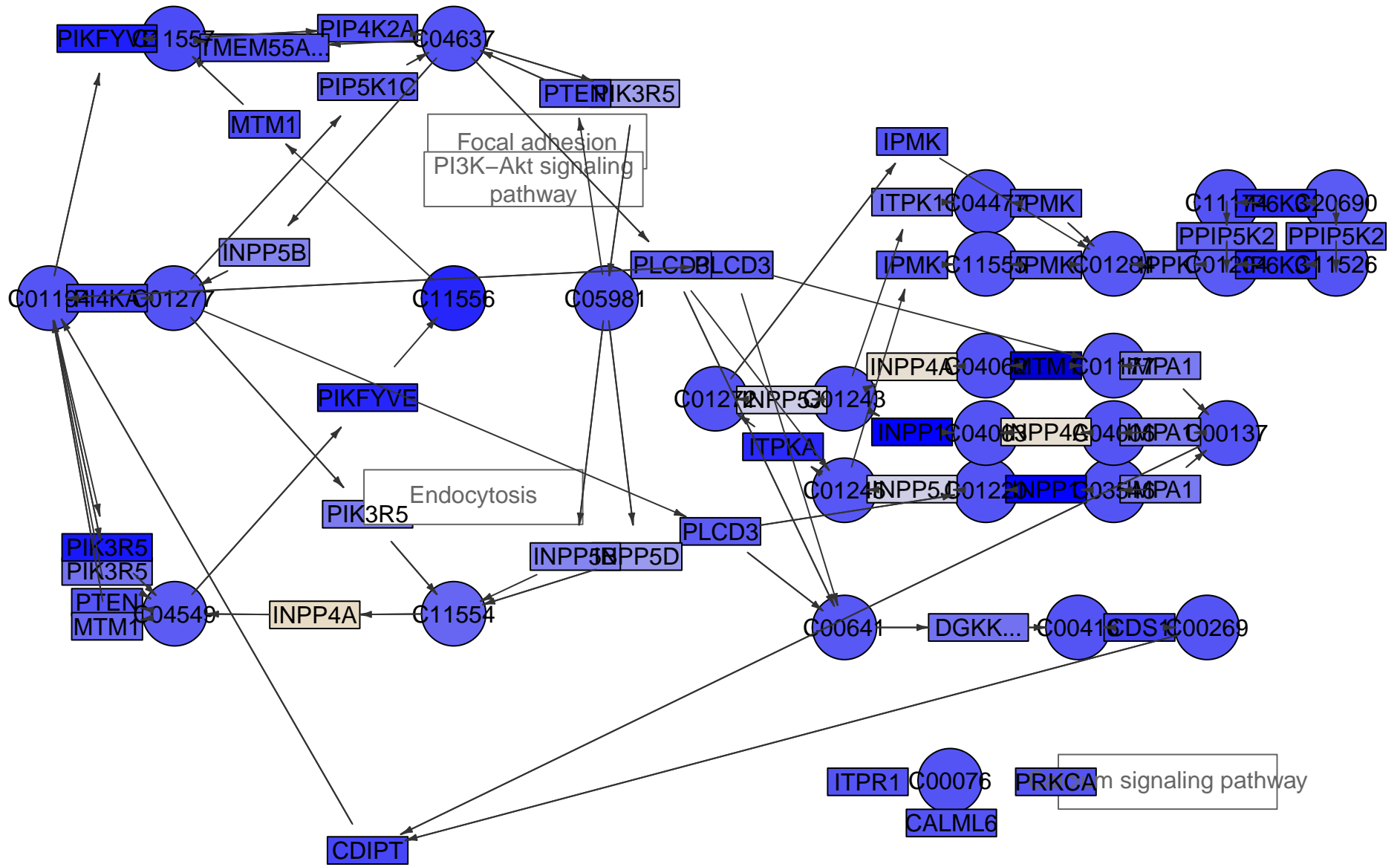
# Phosphatidylinositol signaling system

MPI-111



# Phosphatidylinositol signaling system

MPI-113

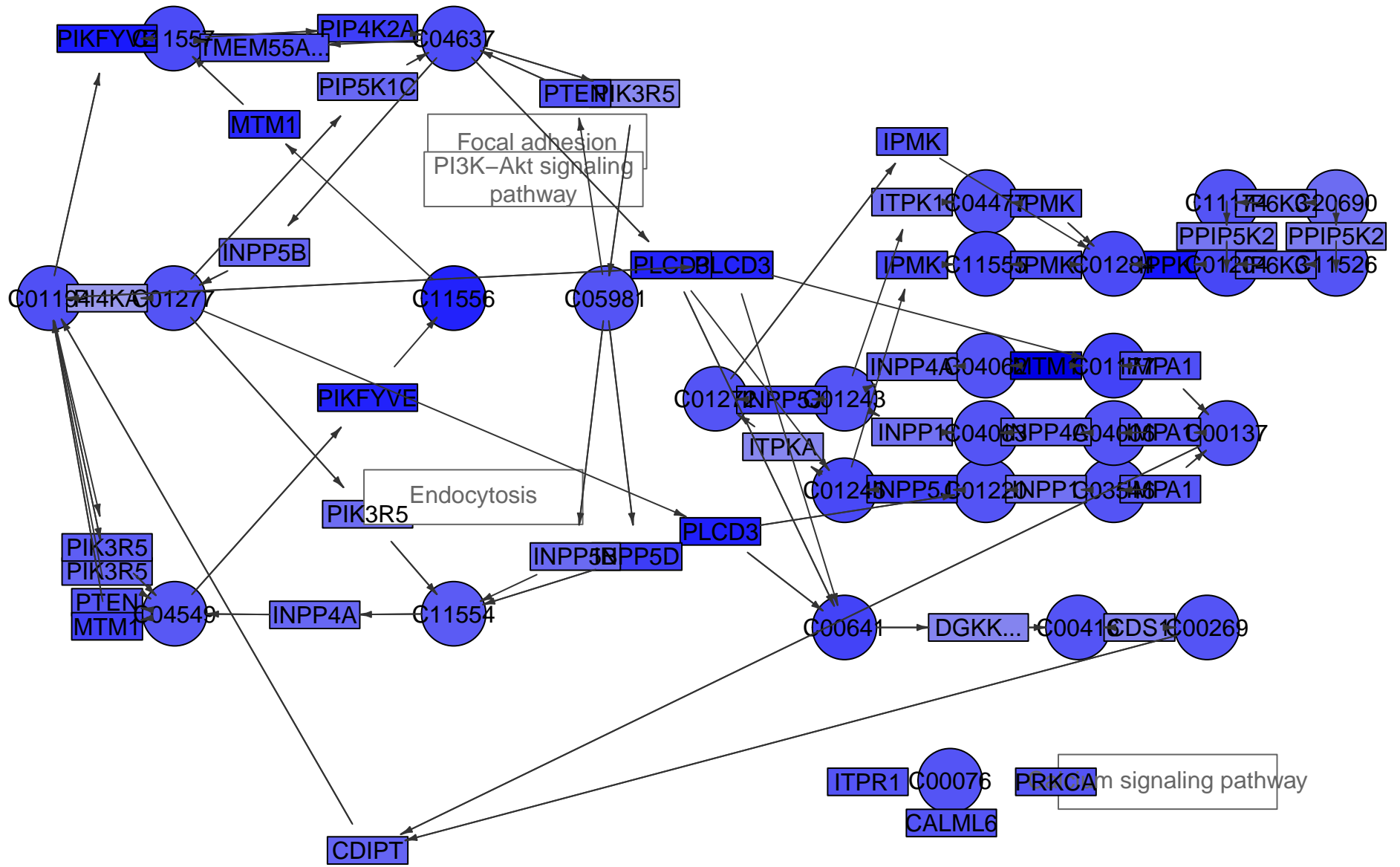






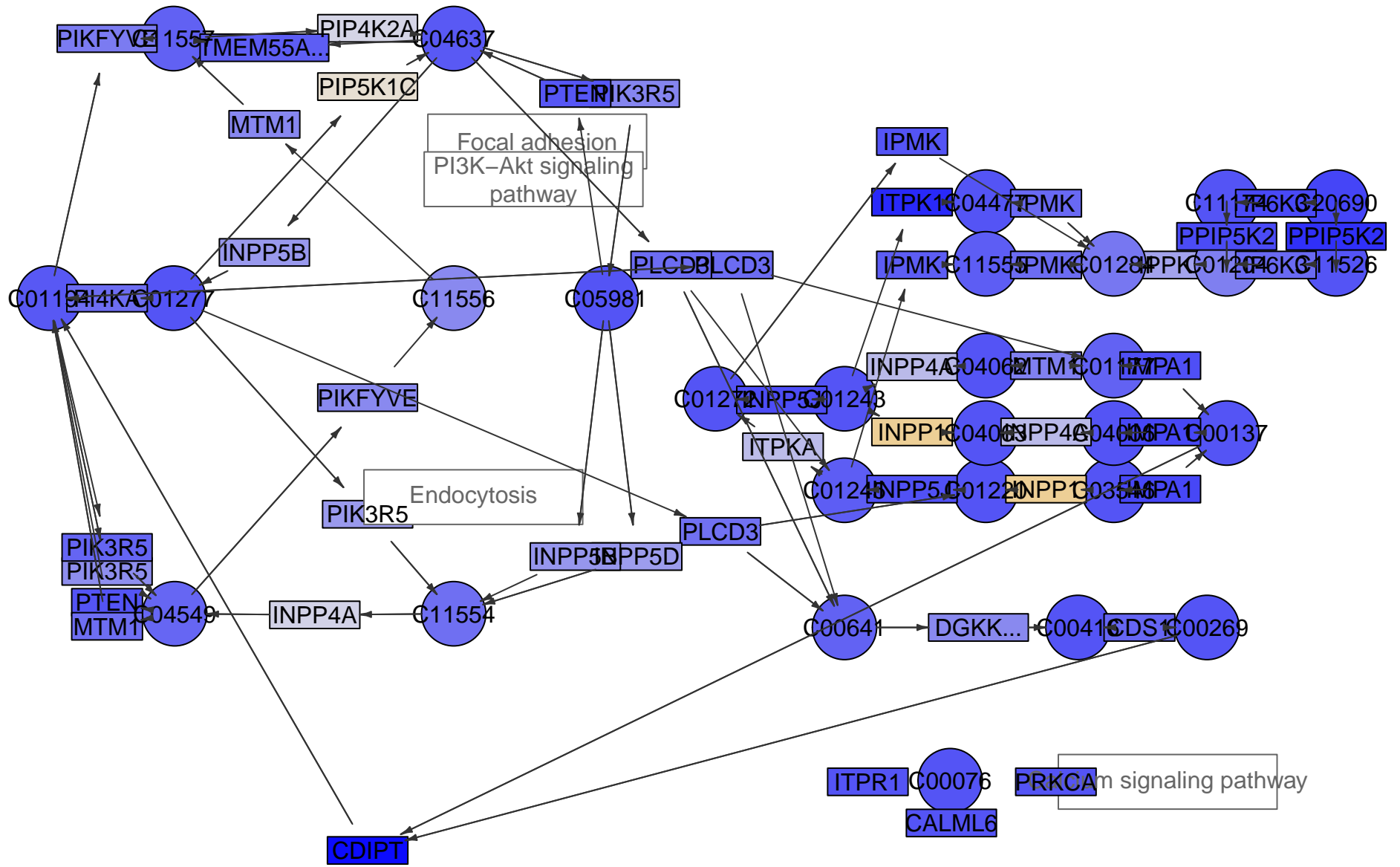
# Phosphatidylinositol signaling system

MPI-119



Phosphatidylinositol signaling

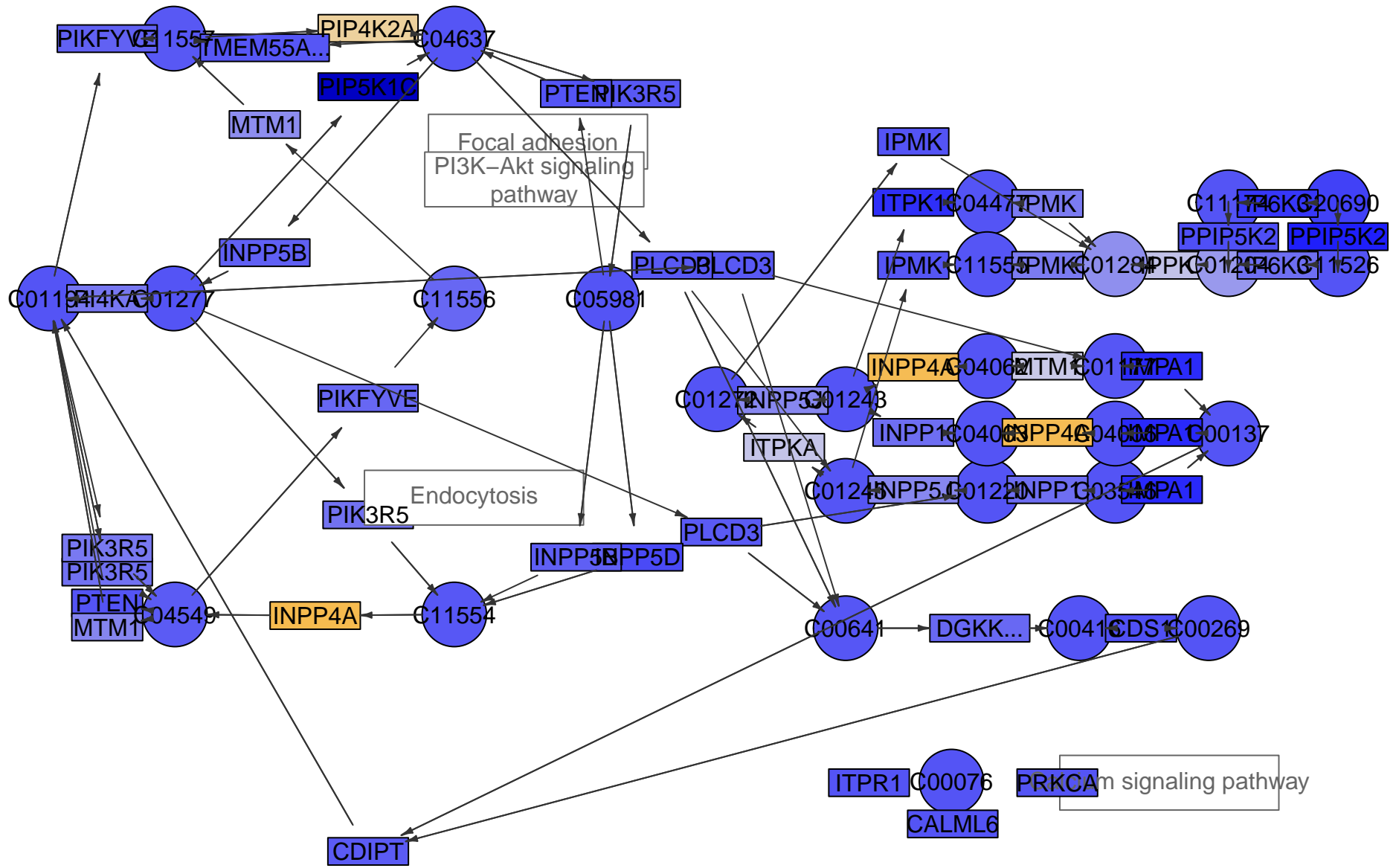
MPI-122





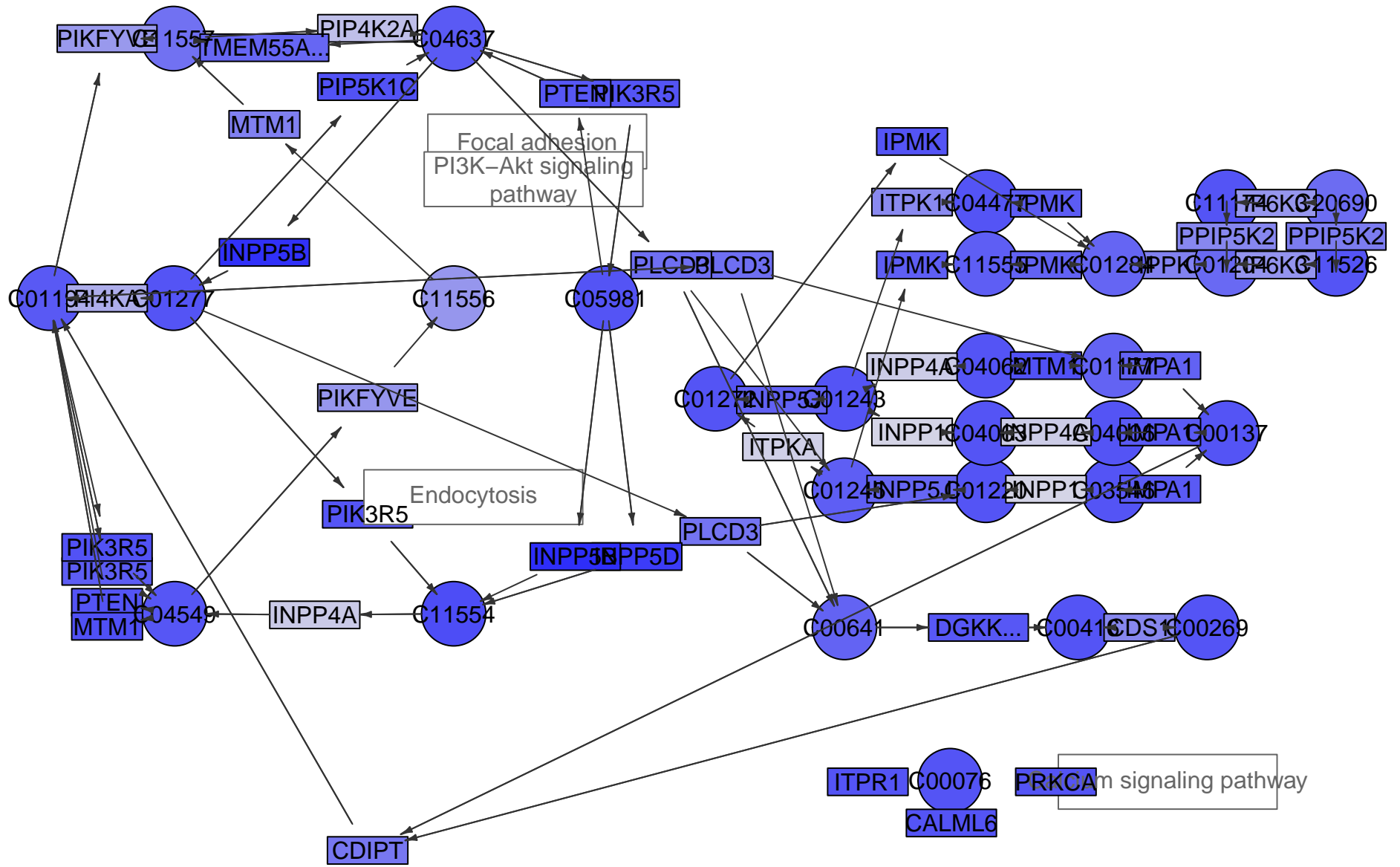
Phosphatidylinositol signaling system

MPI-127



# Phosphatidylinositol signaling system

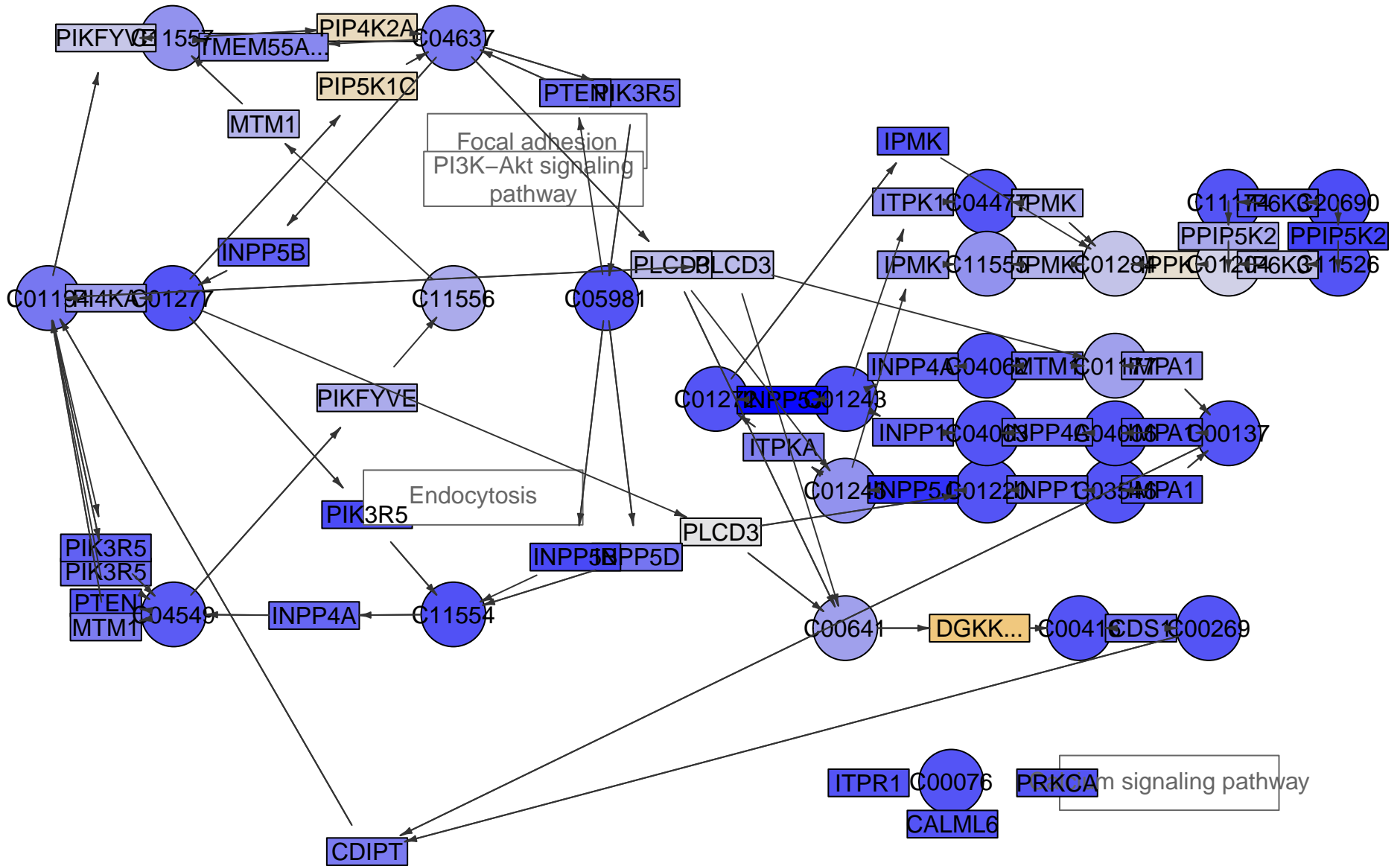
MPI-128





# Phosphatidylinositol signaling system

MPI-130



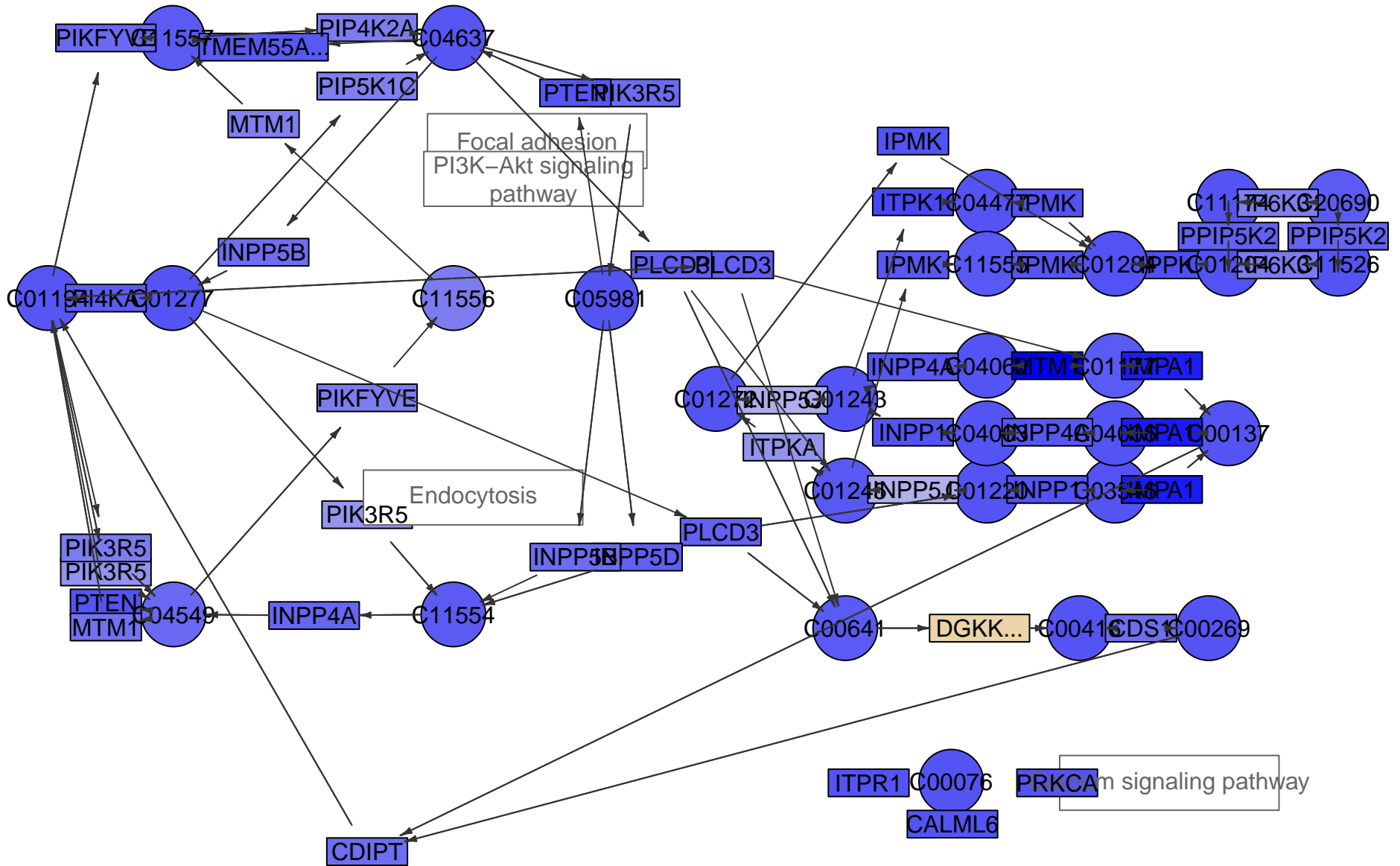






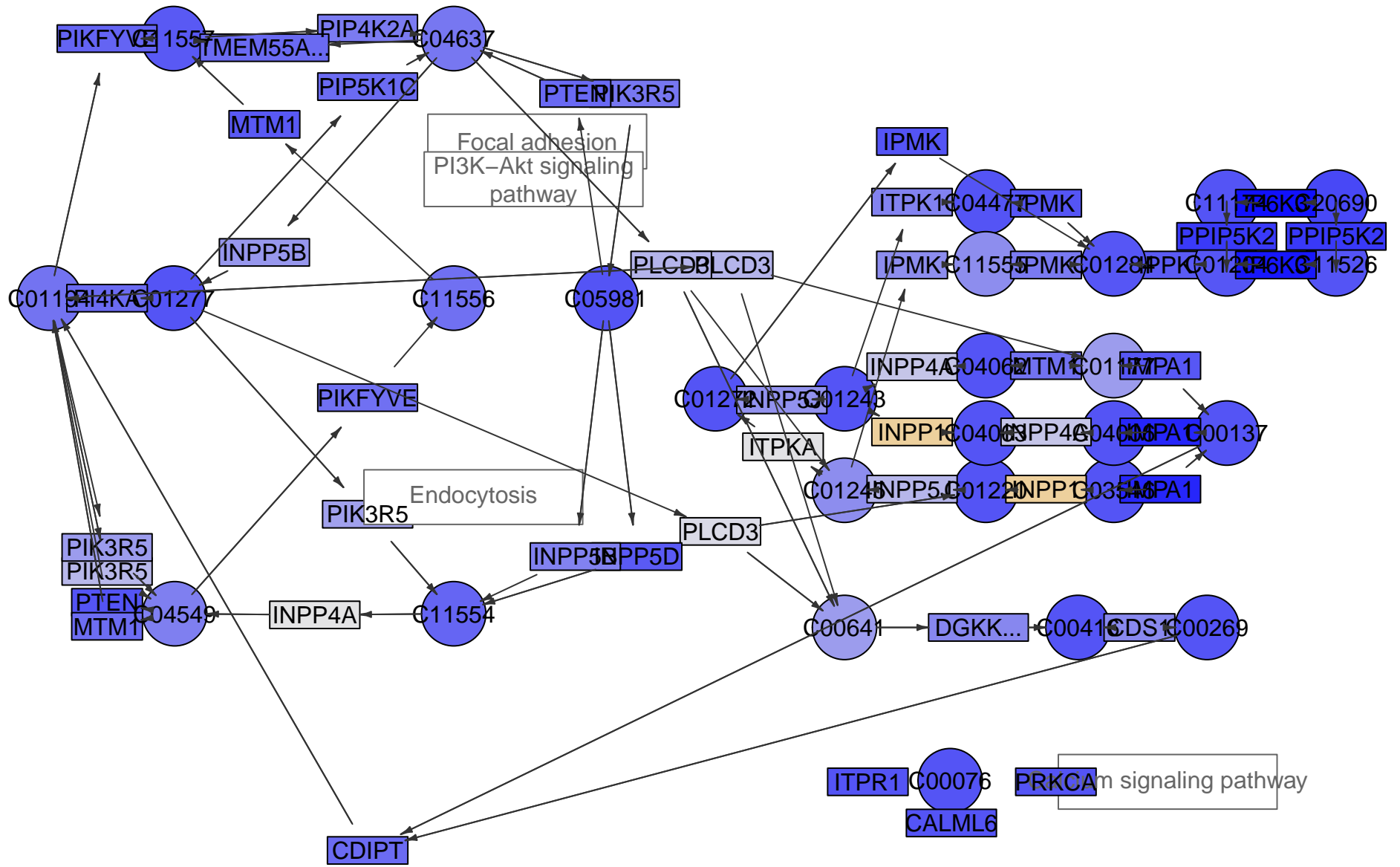
# Phosphatidylinositol signaling system

MPI-135



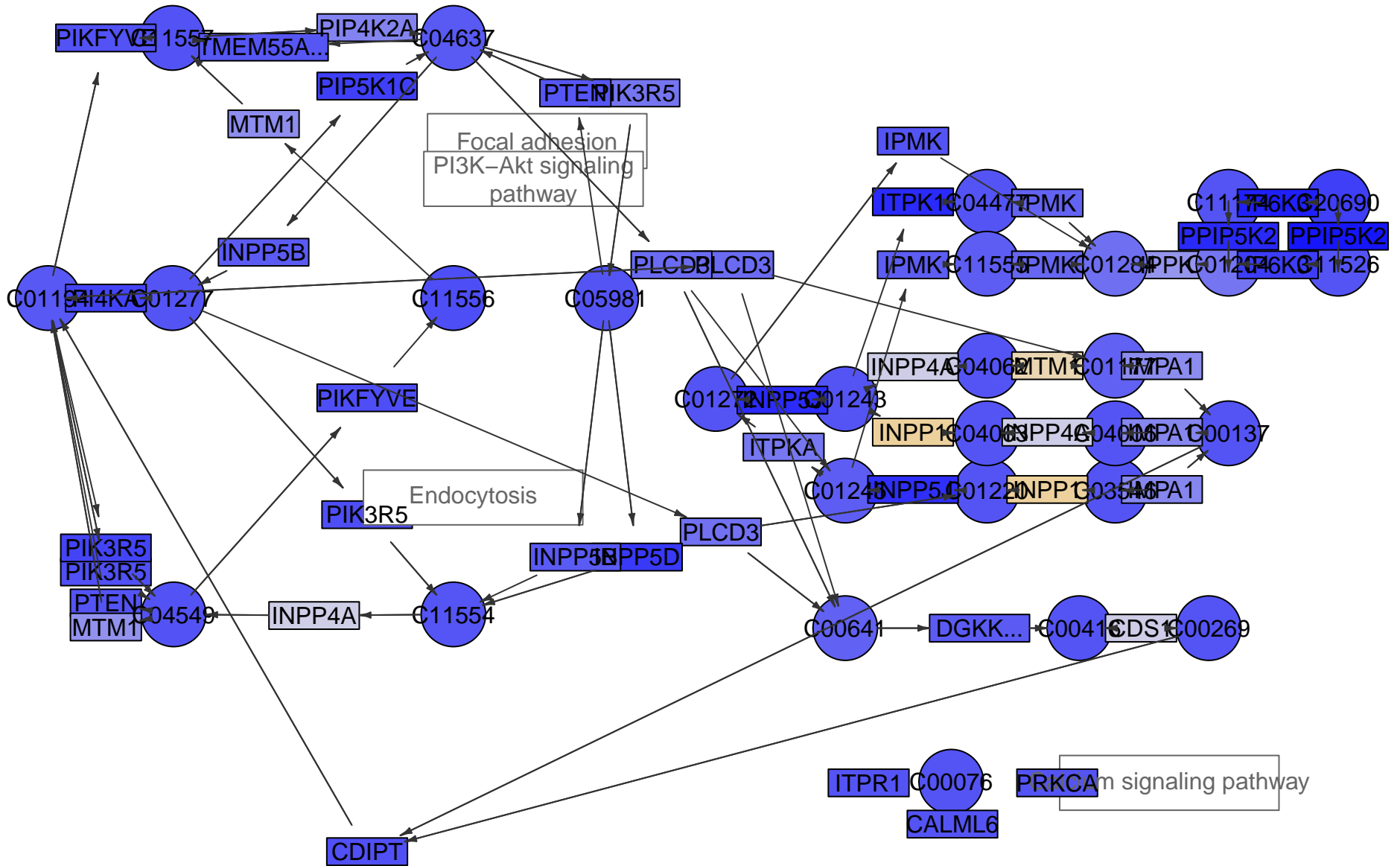


Phosphatidylinositol signaling system  
MPI-136



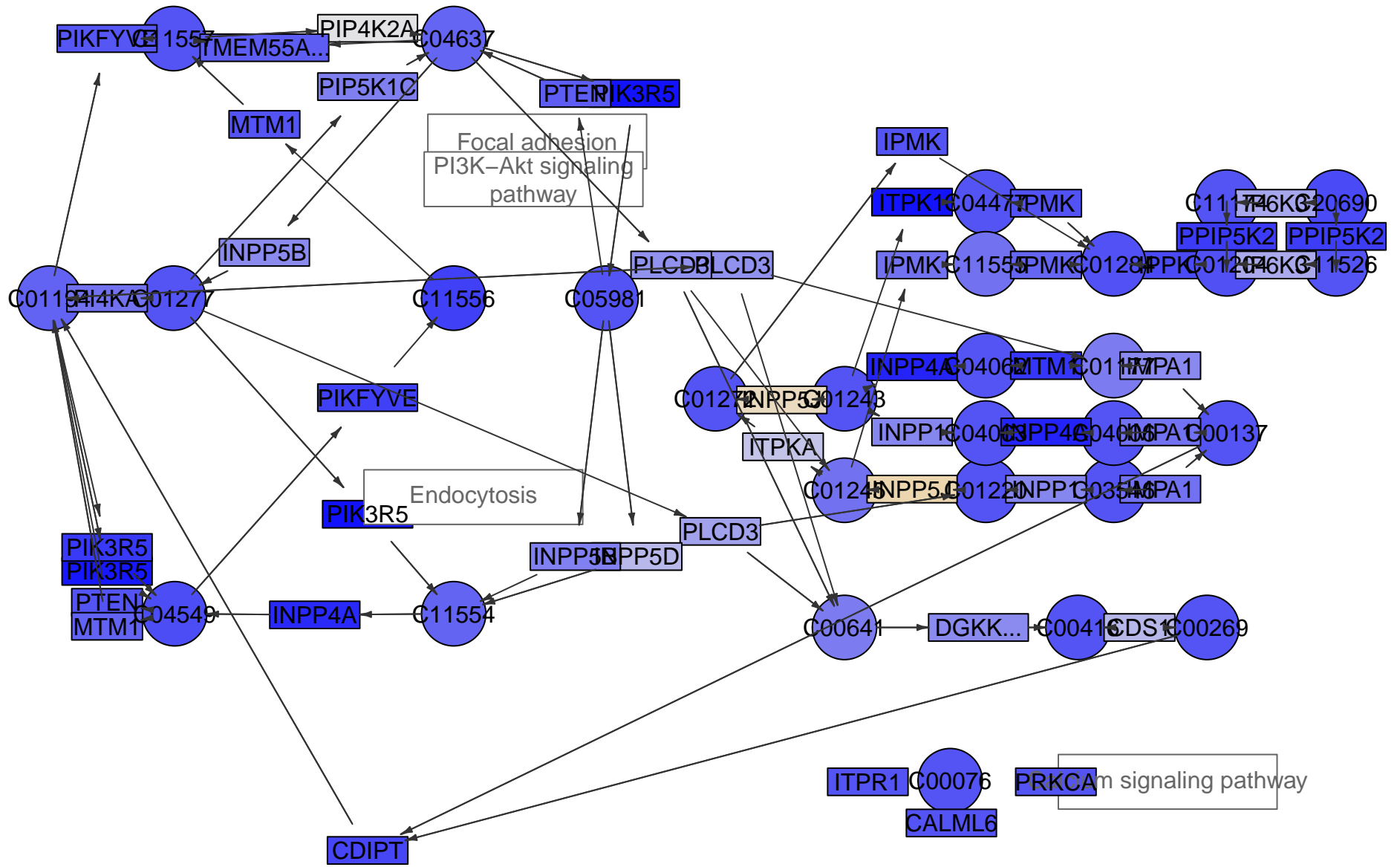
# Phosphatidylinositol signaling system

MPI-141



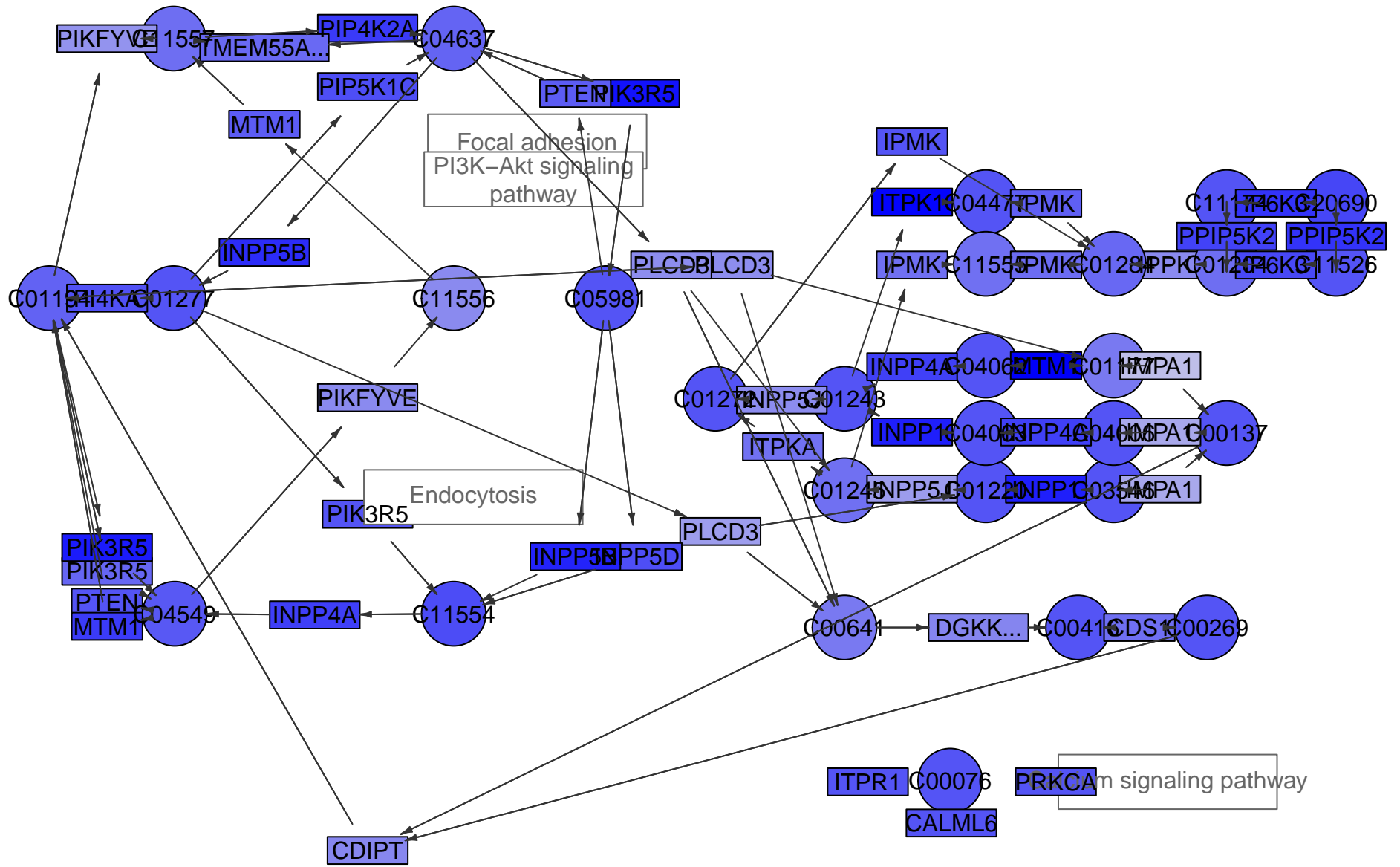
Phosphatidylinositol signaling

MPI-142



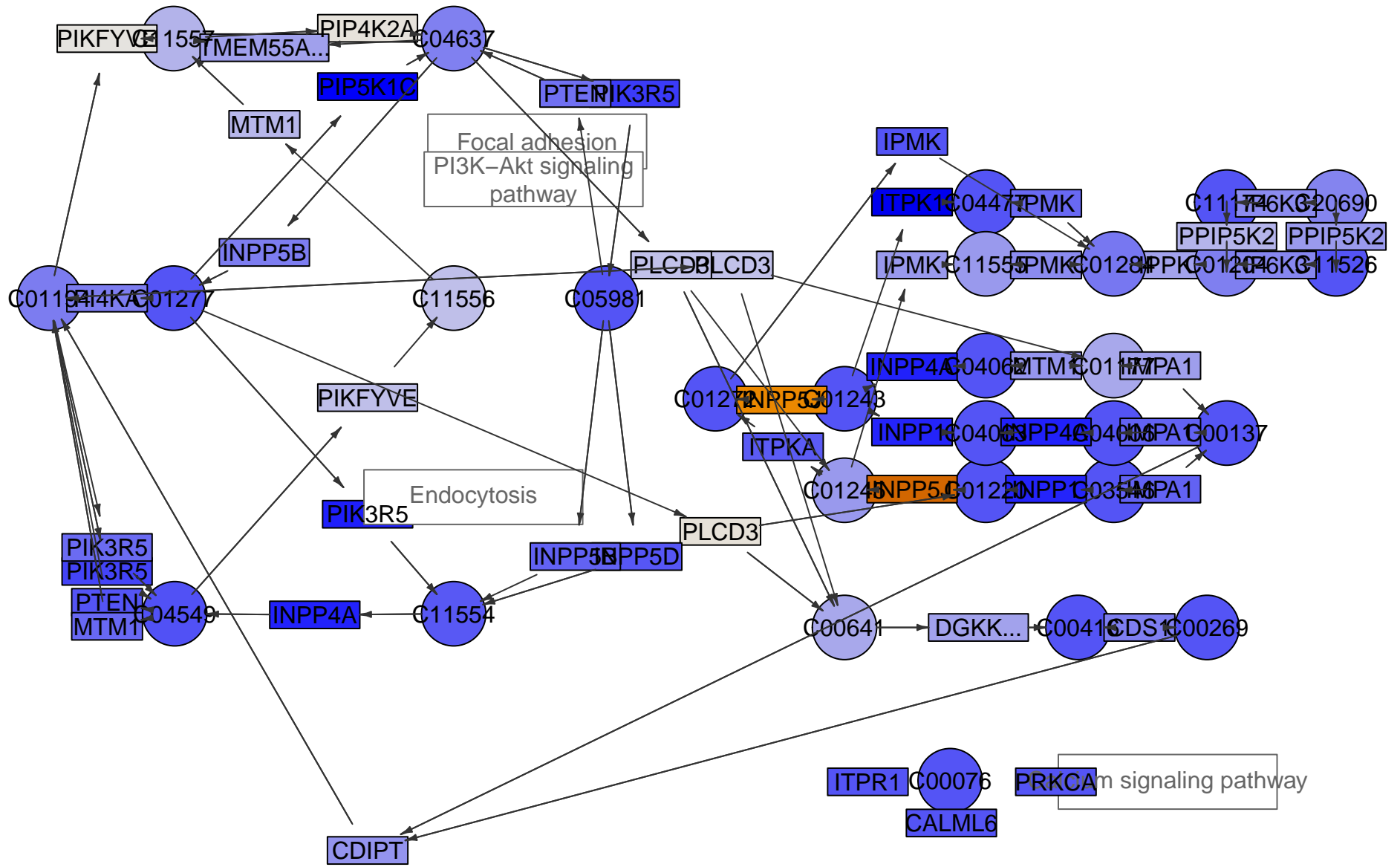
Phosphatidylinositol signaling system

MPI-145



# Phosphatidylinositol signaling system

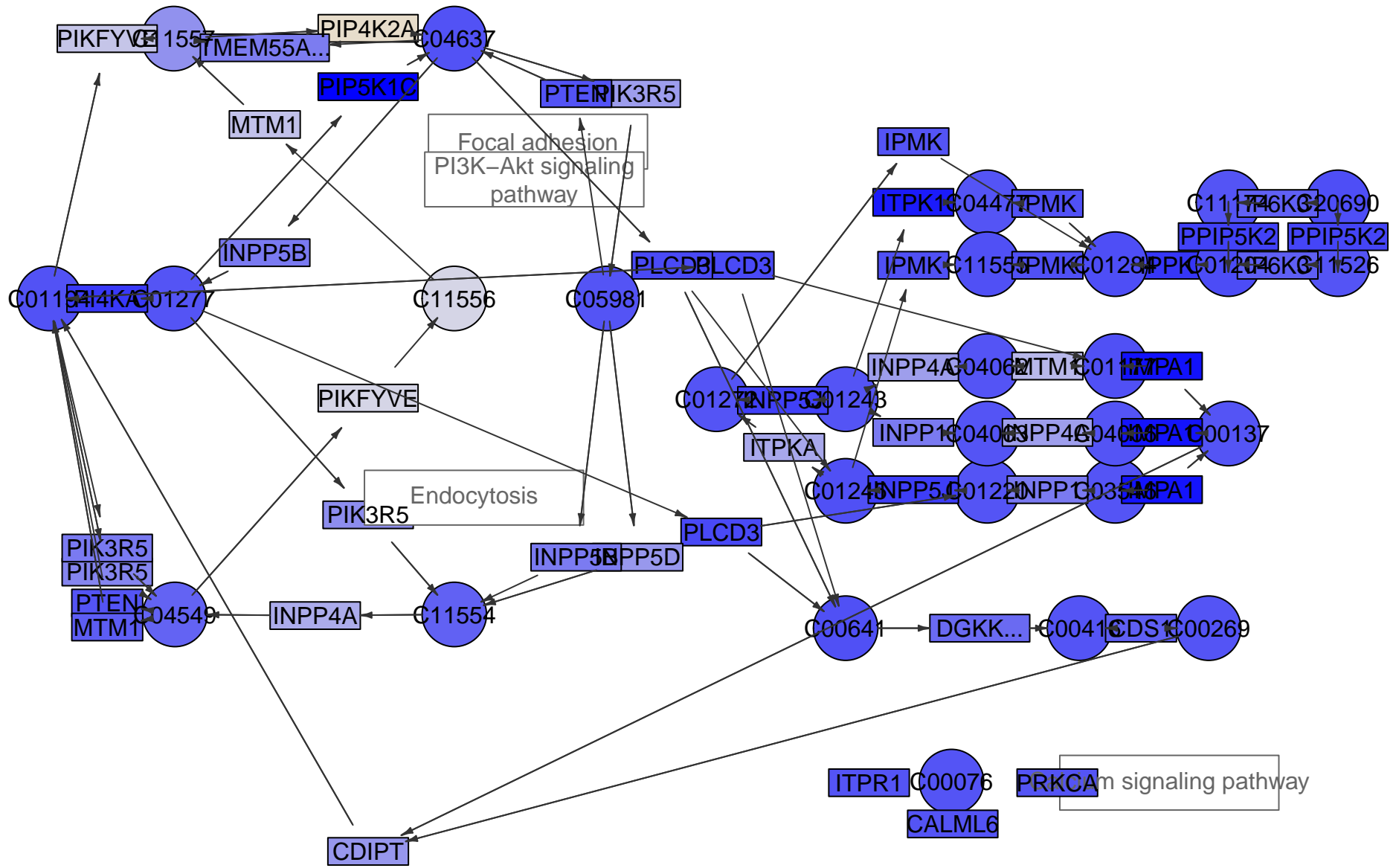
MPI-146





Phosphatidylinositol signaling

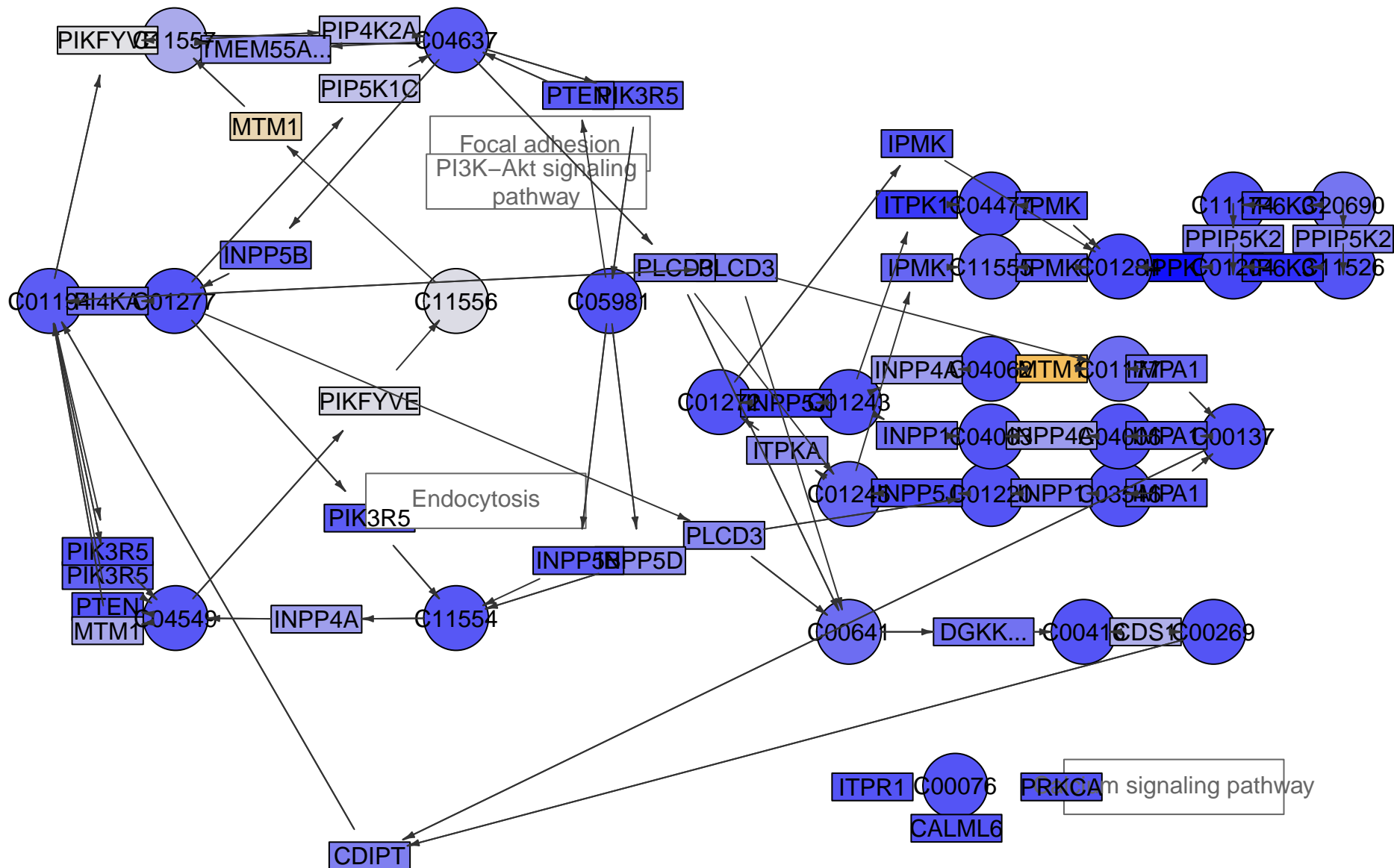
MPI-150



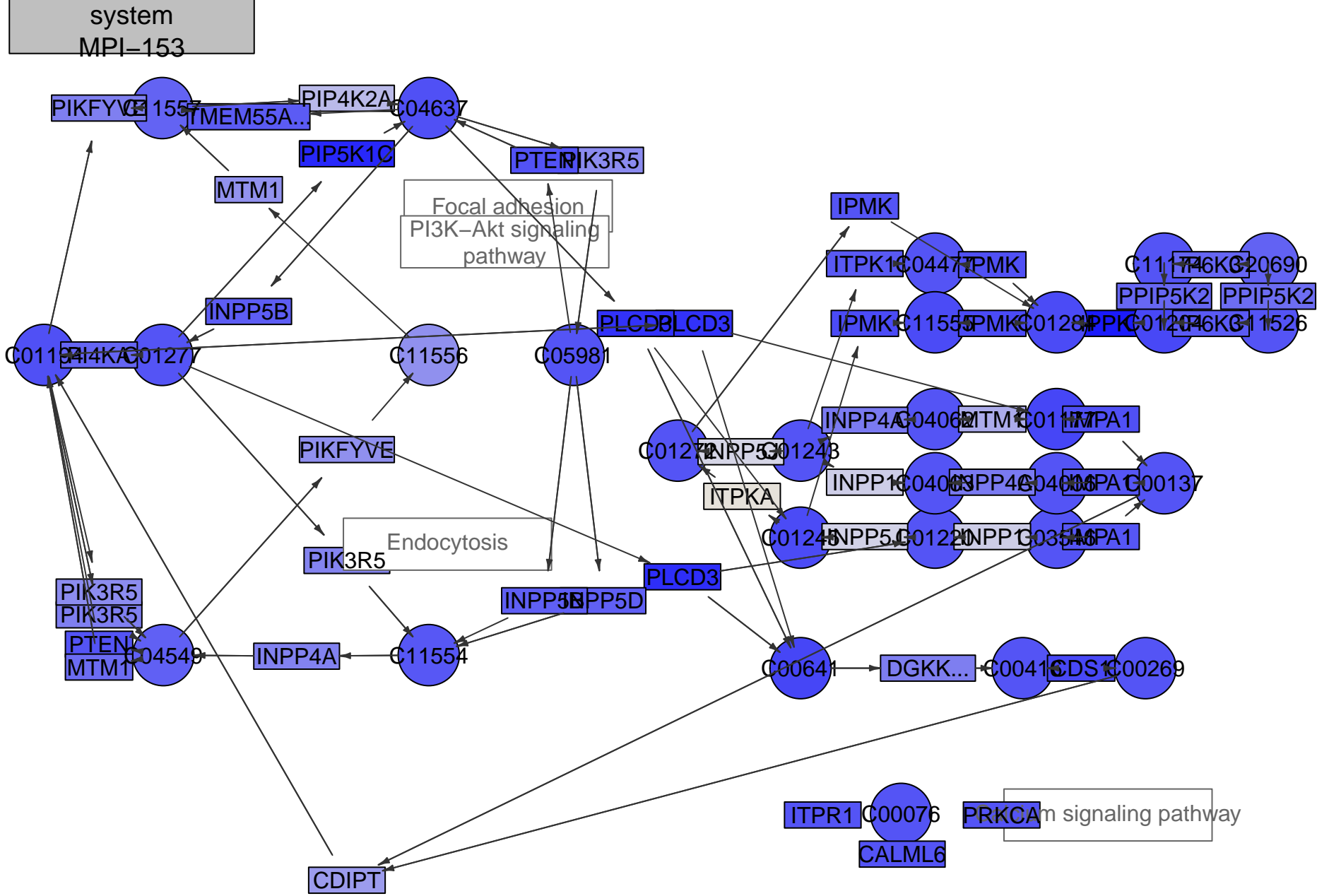




Phosphatidylinositol signaling system  
MPI-152



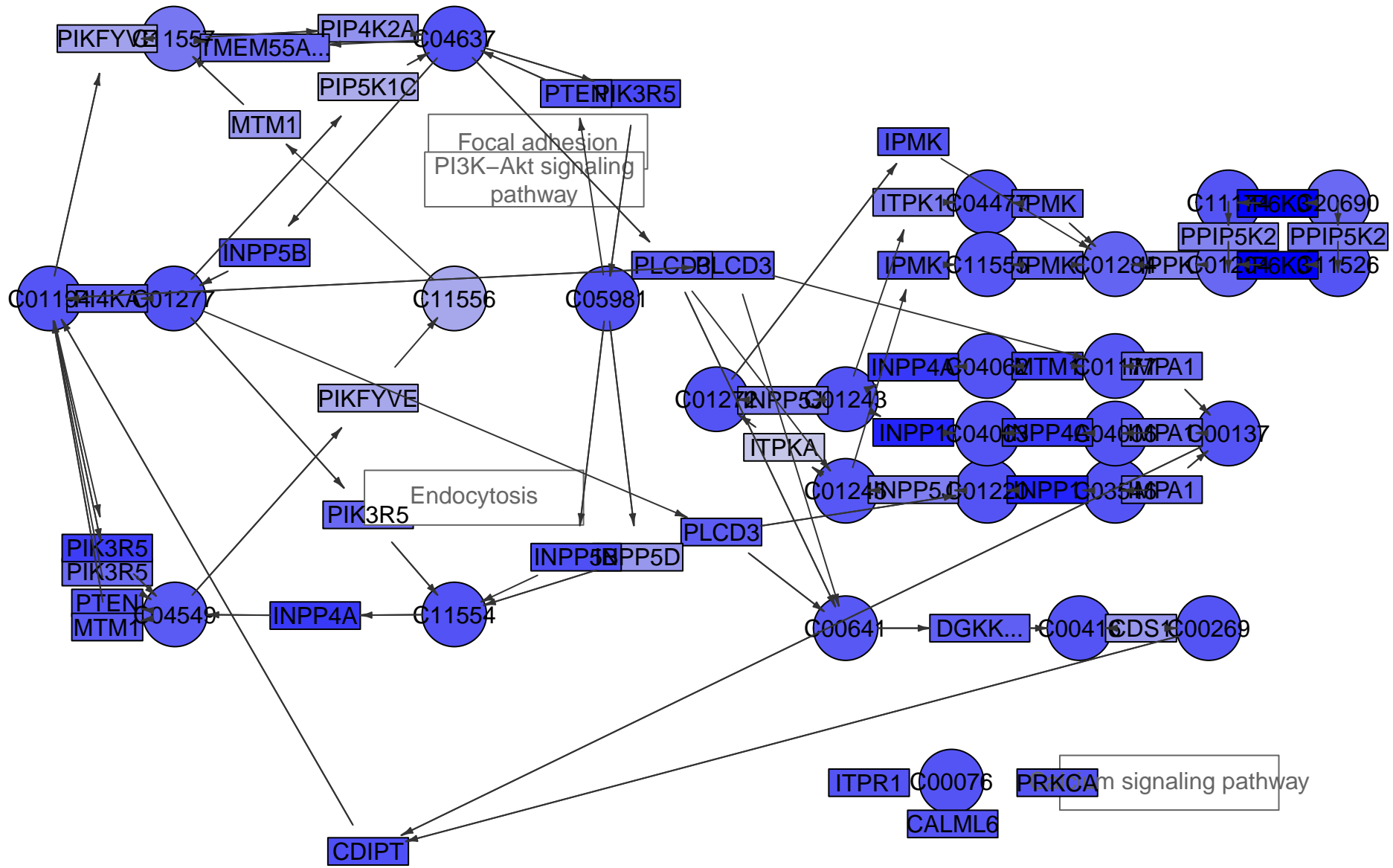
# Phosphatidylinositol signaling system





# Phosphatidylinositol signaling system

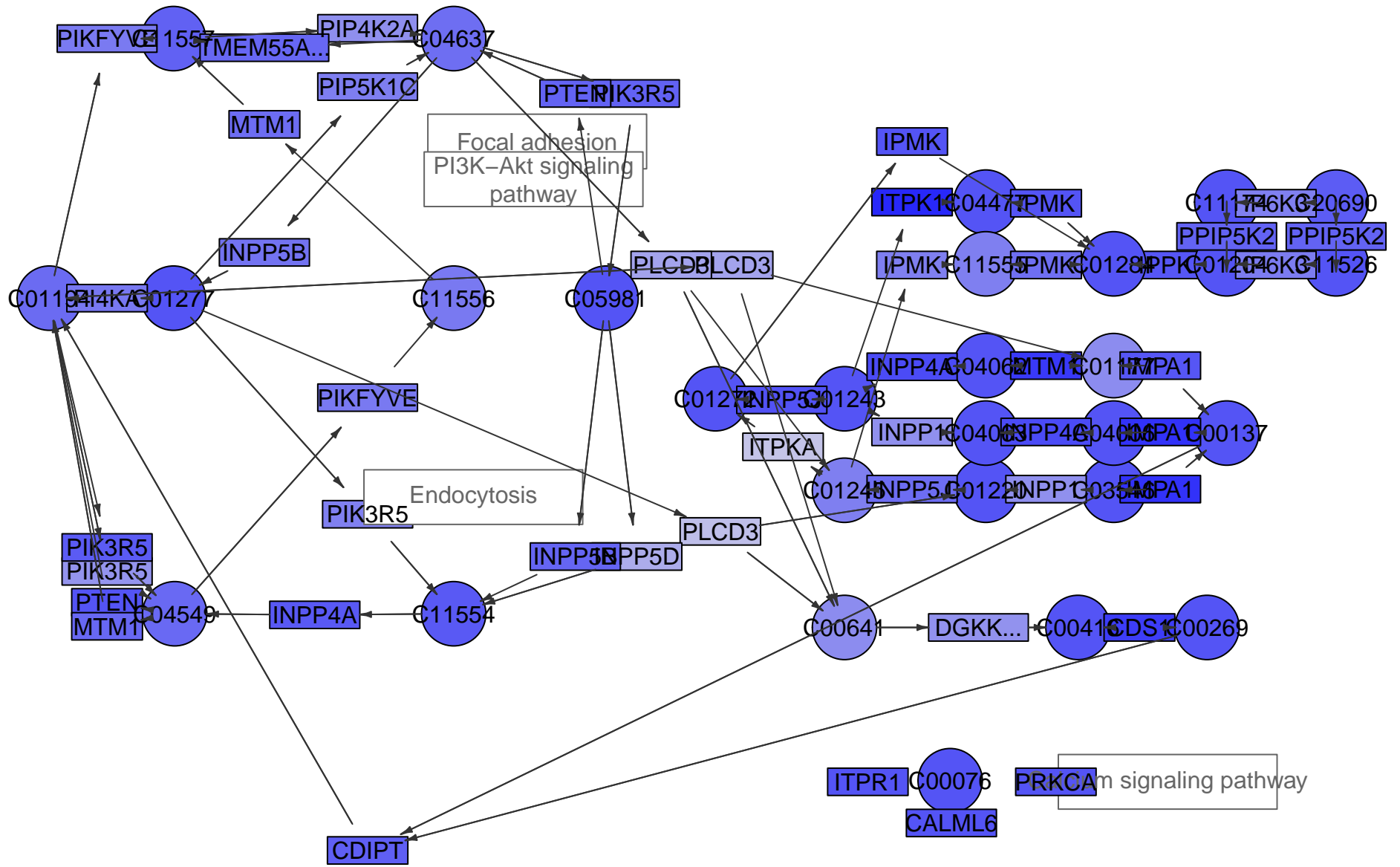
MPI-155



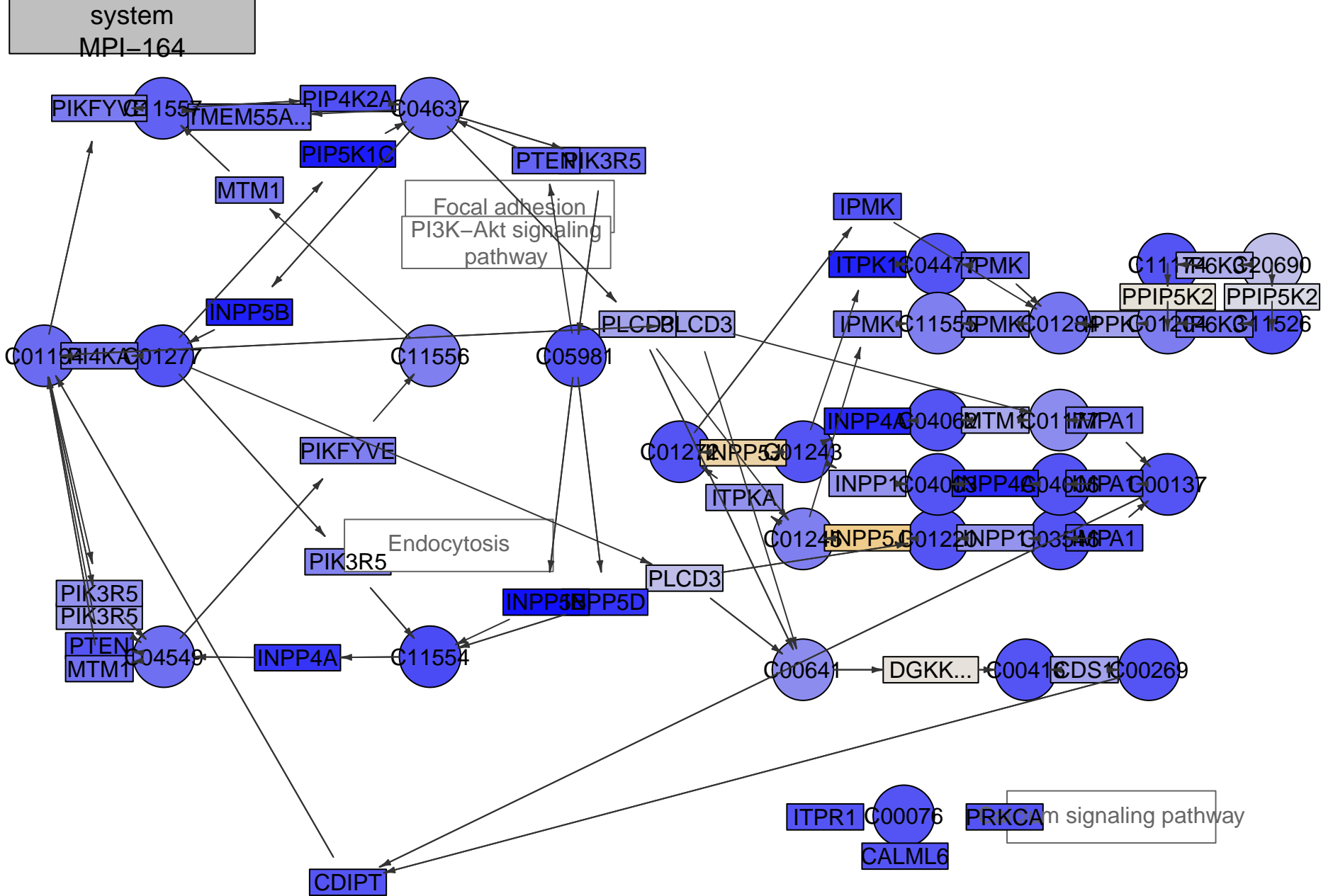


# Phosphatidylinositol signaling system

MPI-163

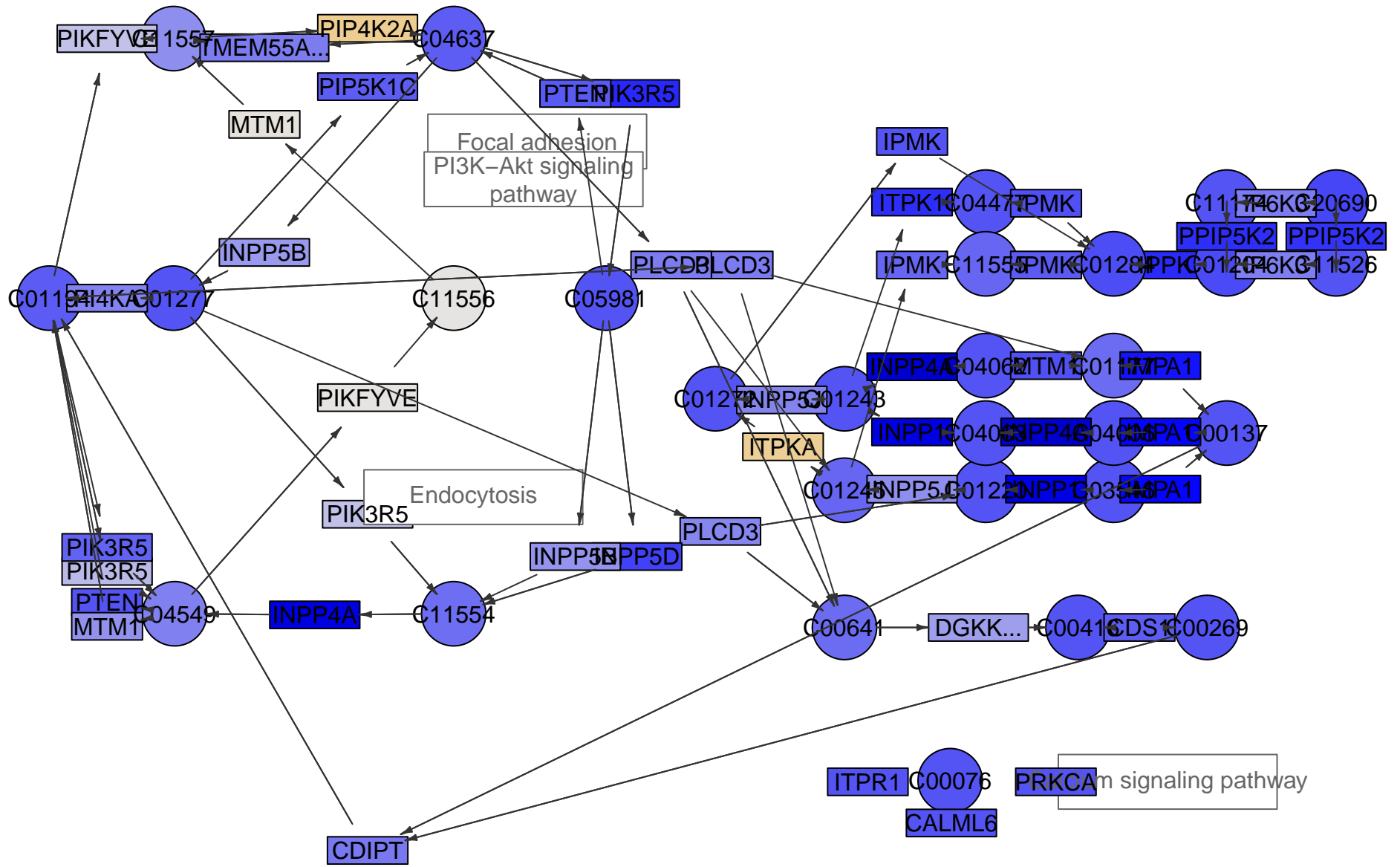


# Phosphatidylinositol signaling system



# Phosphatidylinositol signaling system

MPI-166

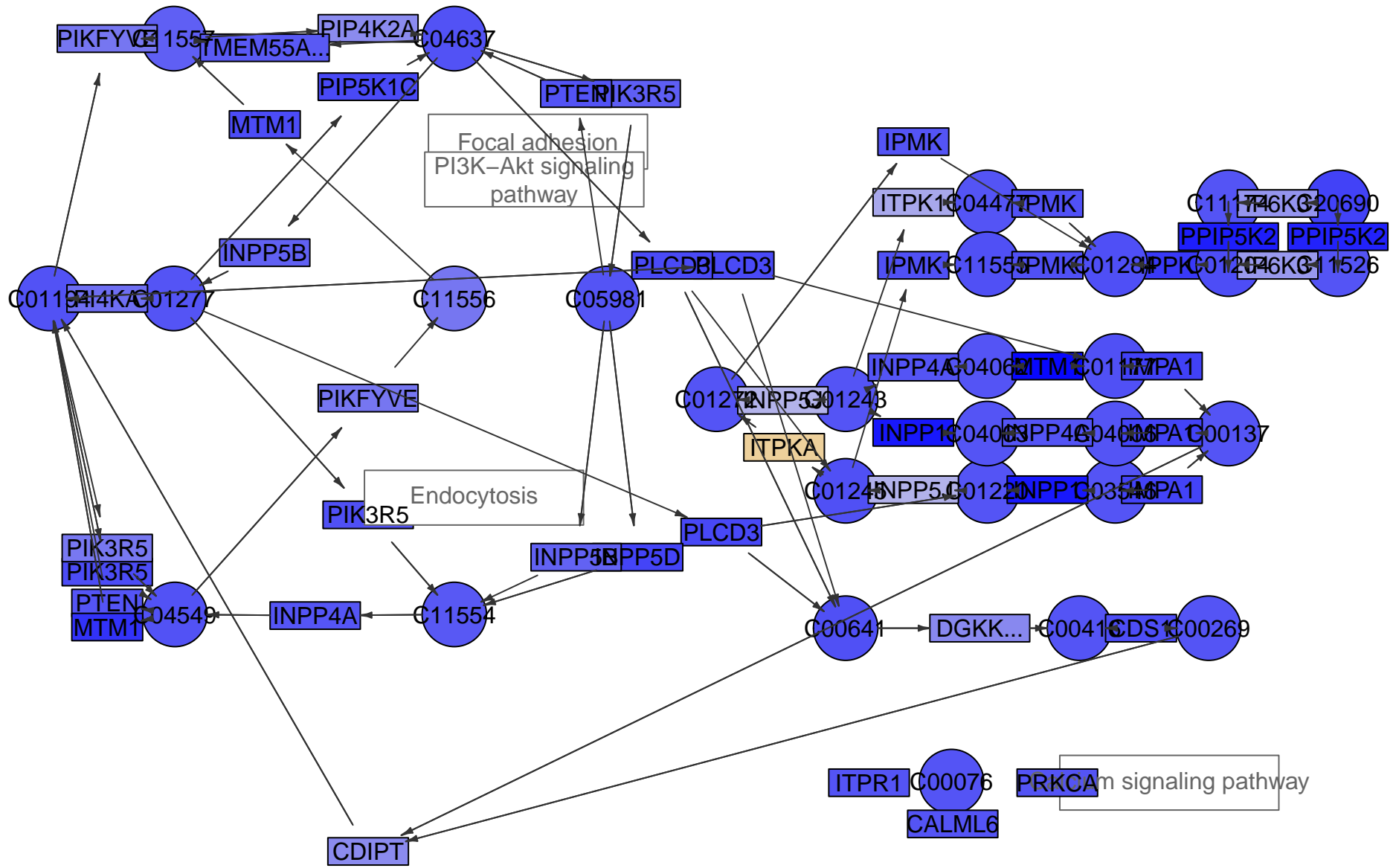






# Phosphatidylinositol signaling system

MPI-168











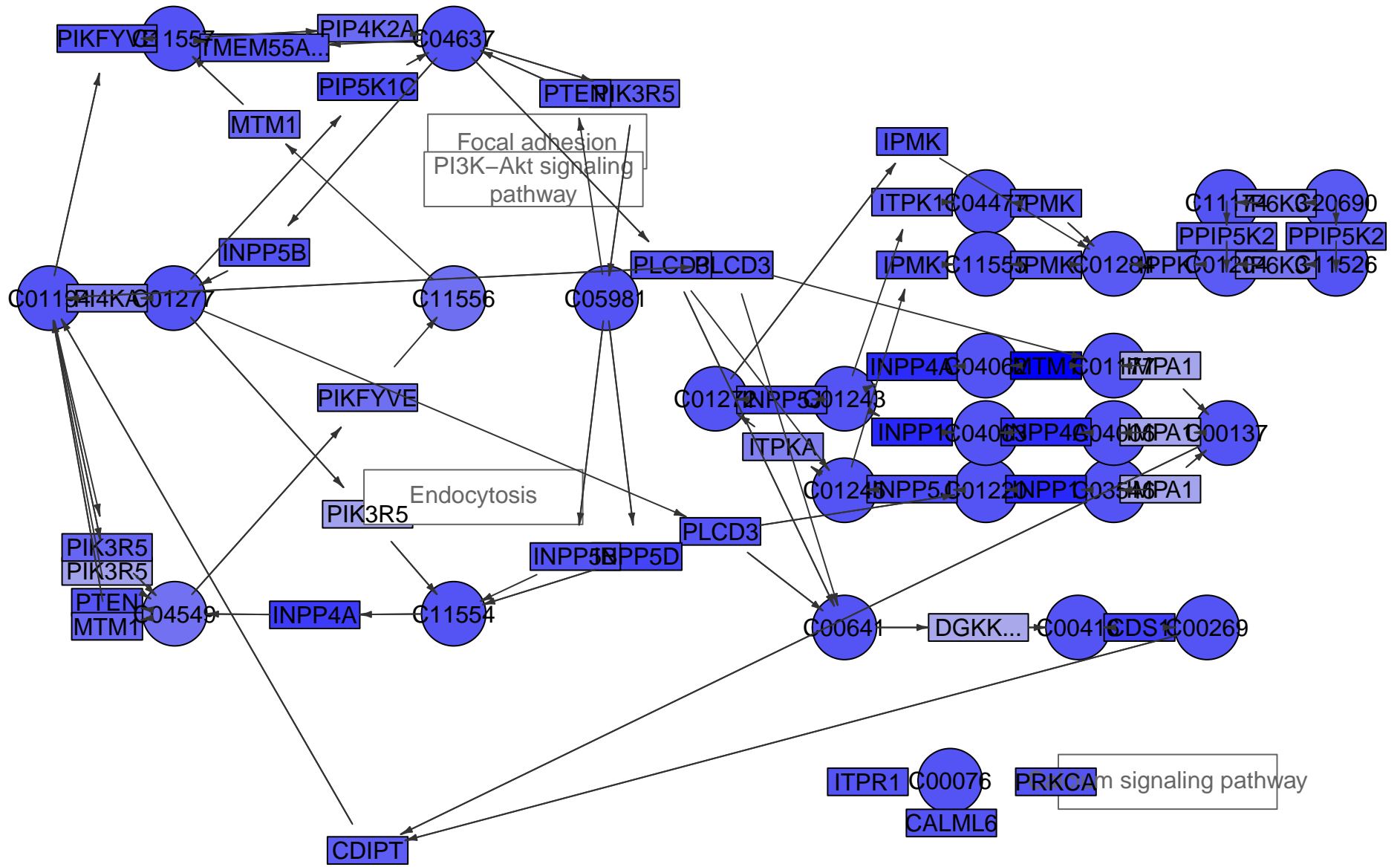






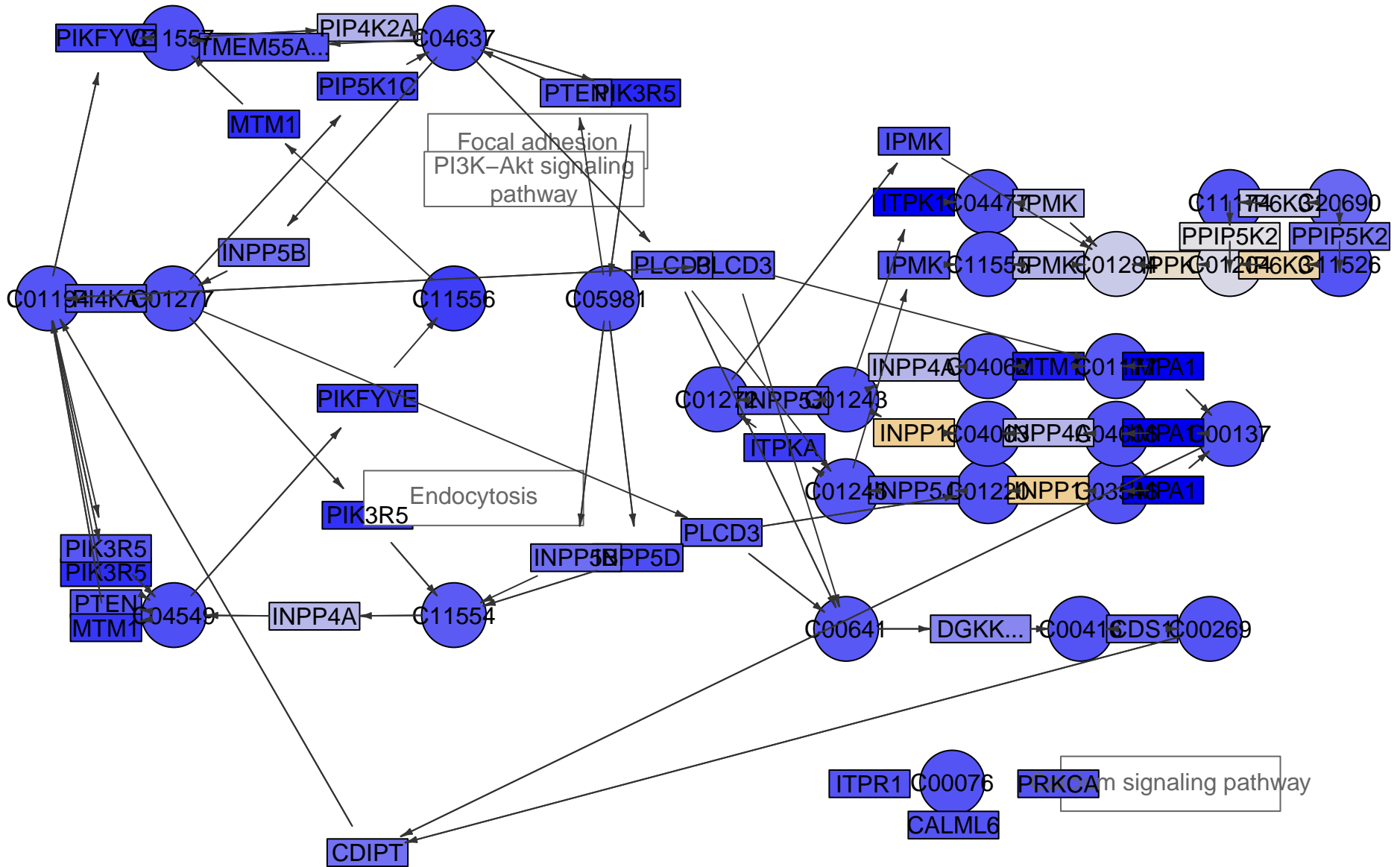
# Phosphatidylinositol signaling system

MPI-179



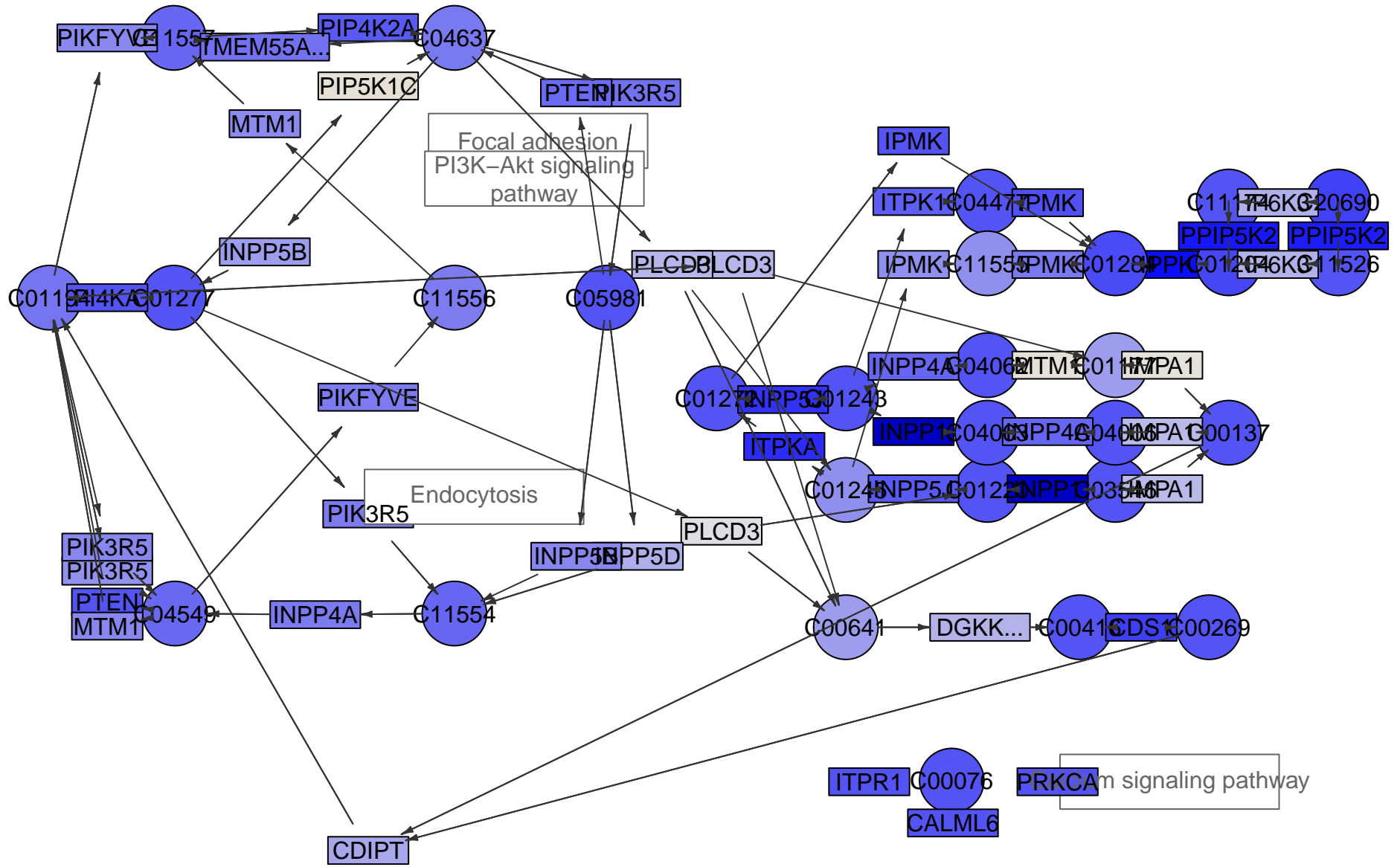
# Phosphatidylinositol signaling system

MPI-180



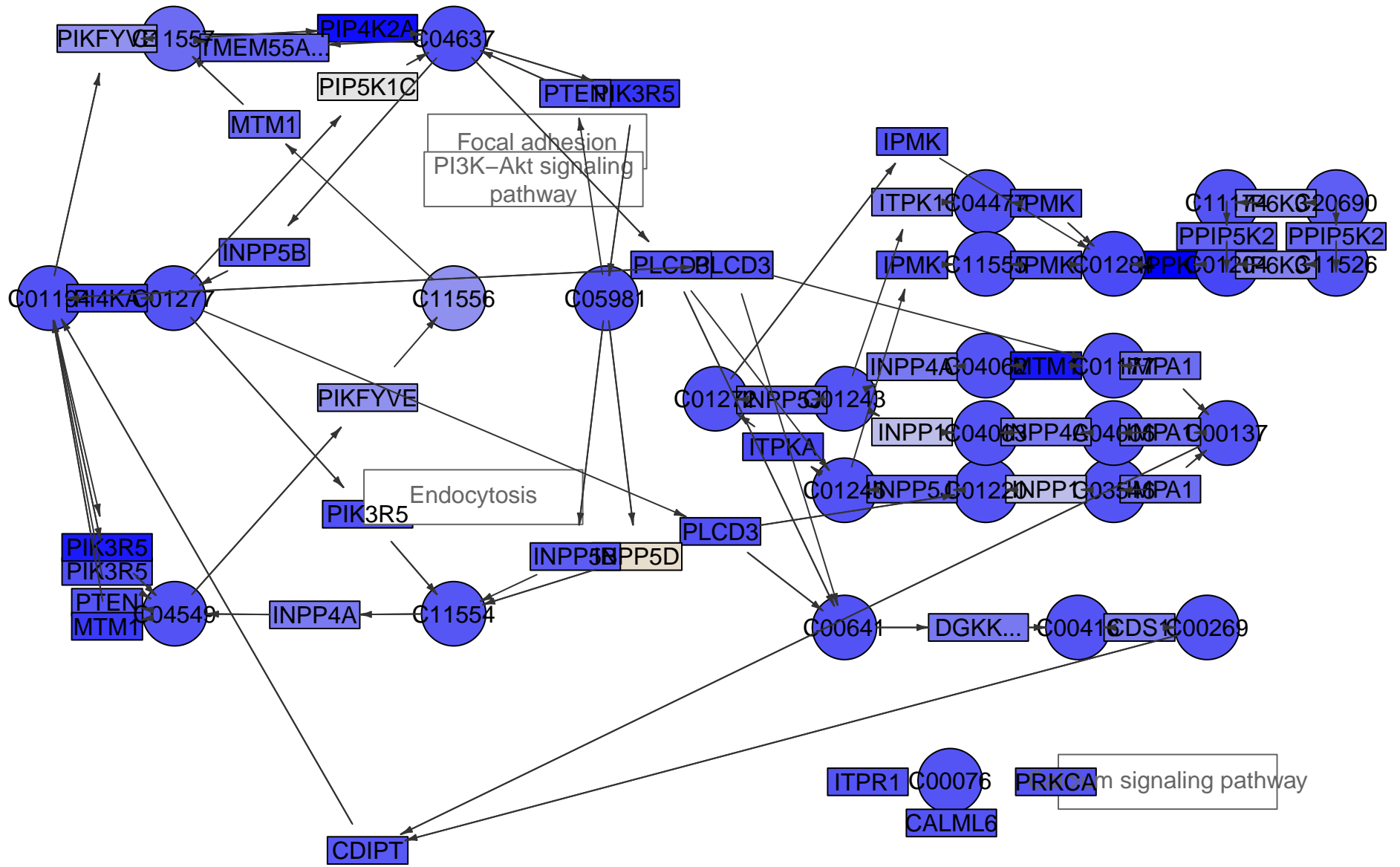


Phosphatidylinositol signaling system  
MPI-183



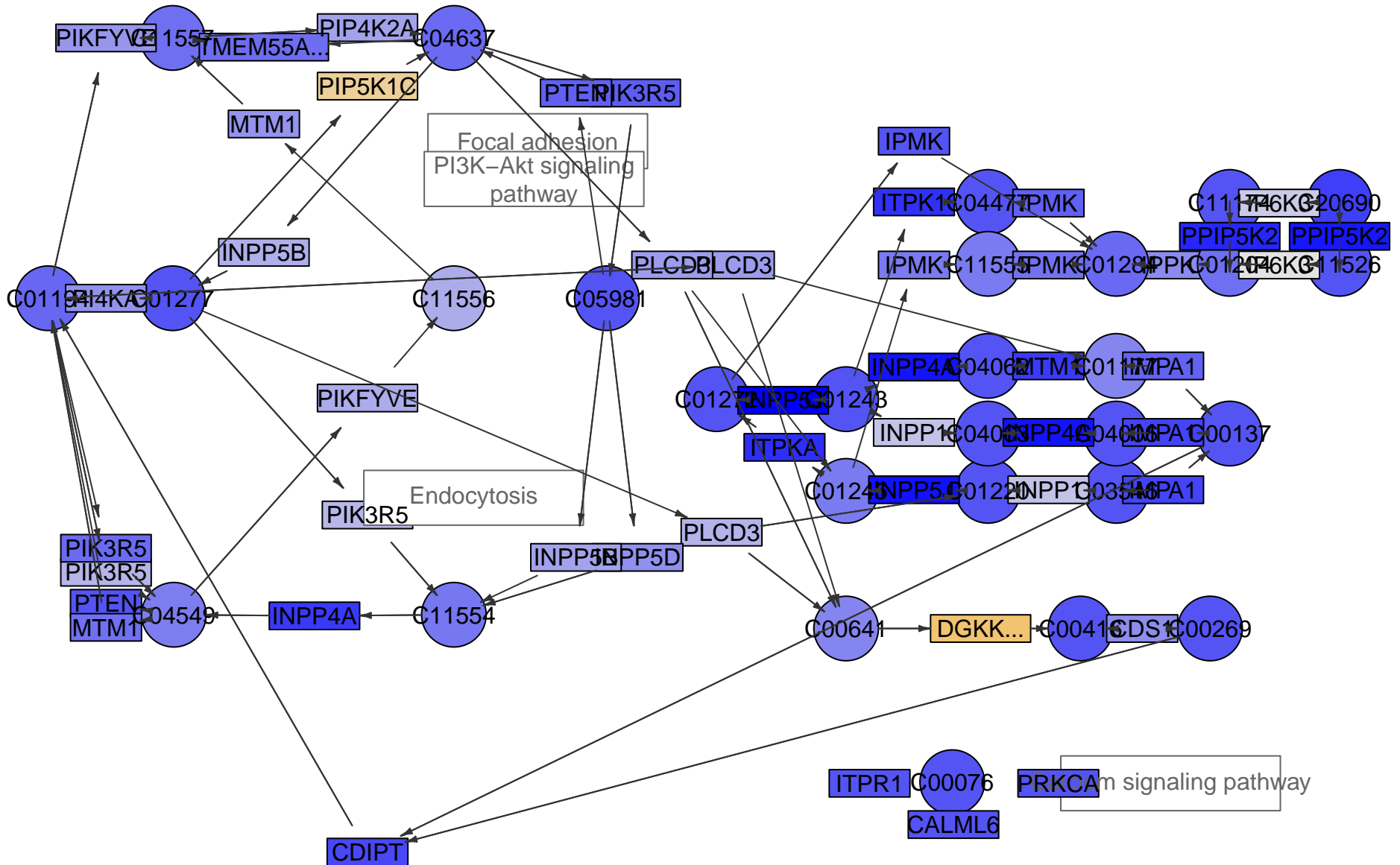
Phosphatidylinositol signaling system

MPI-184



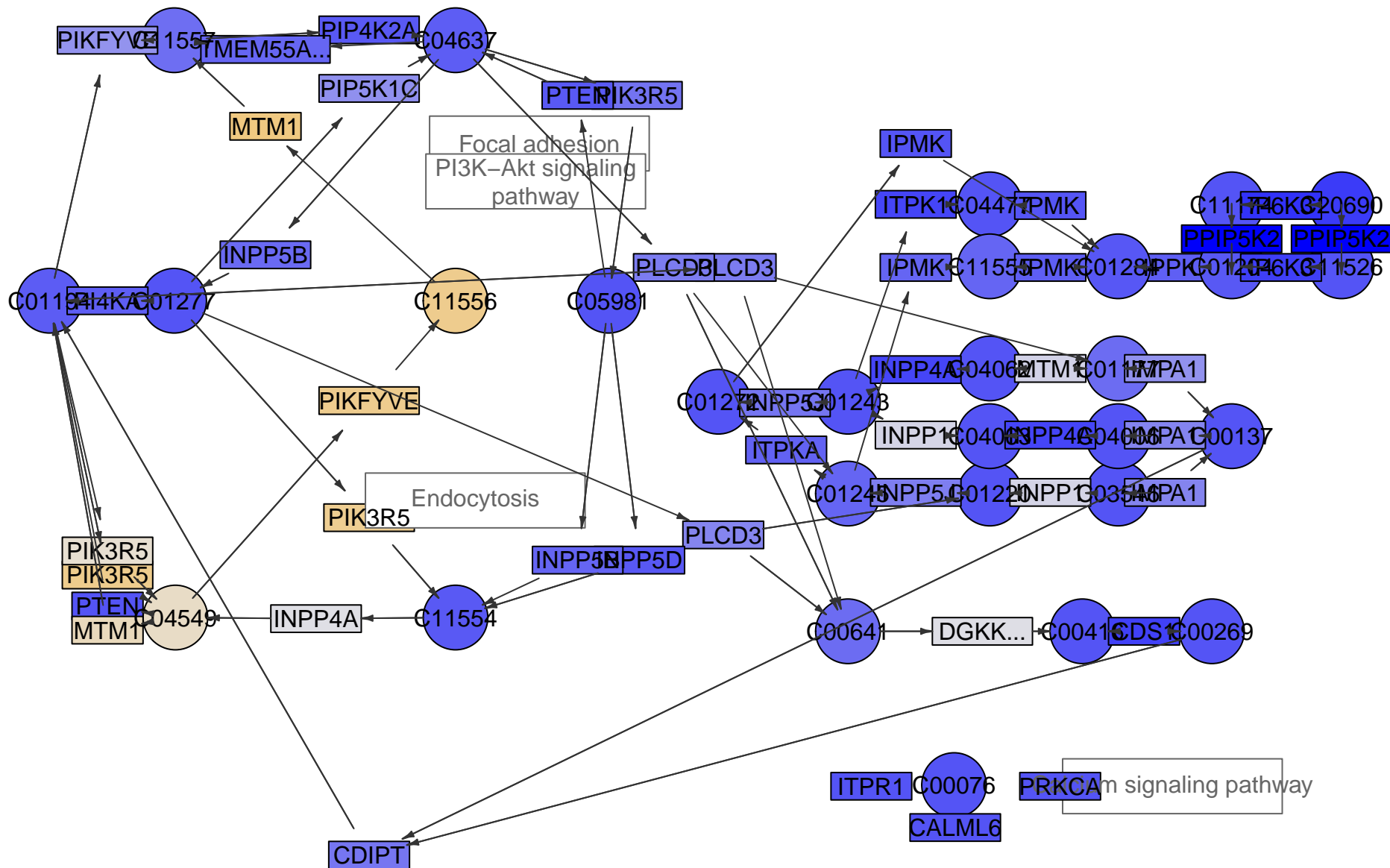
# Phosphatidylinositol signaling system

MPI-185





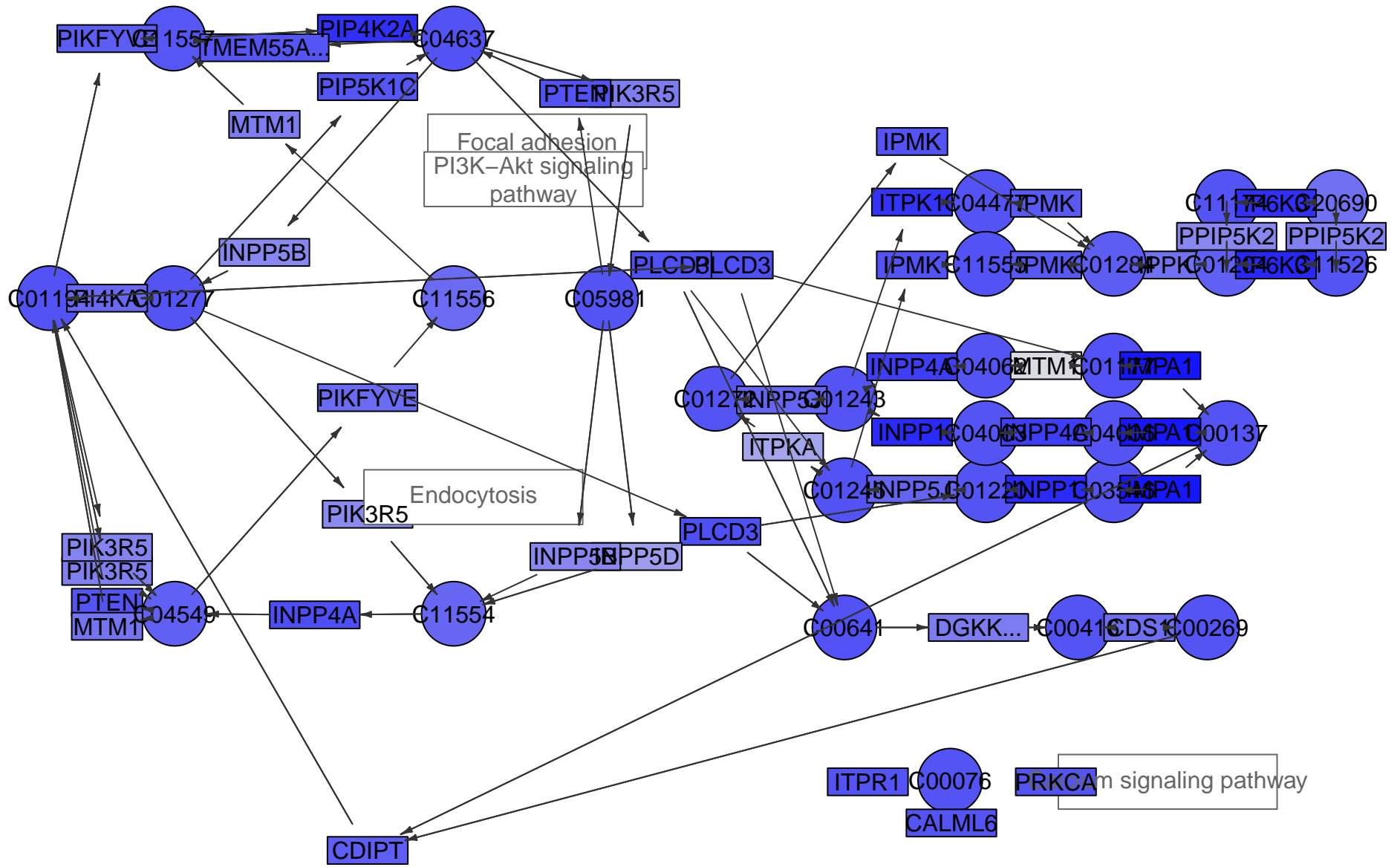
Phosphatidylinositol signaling system  
MPI-188





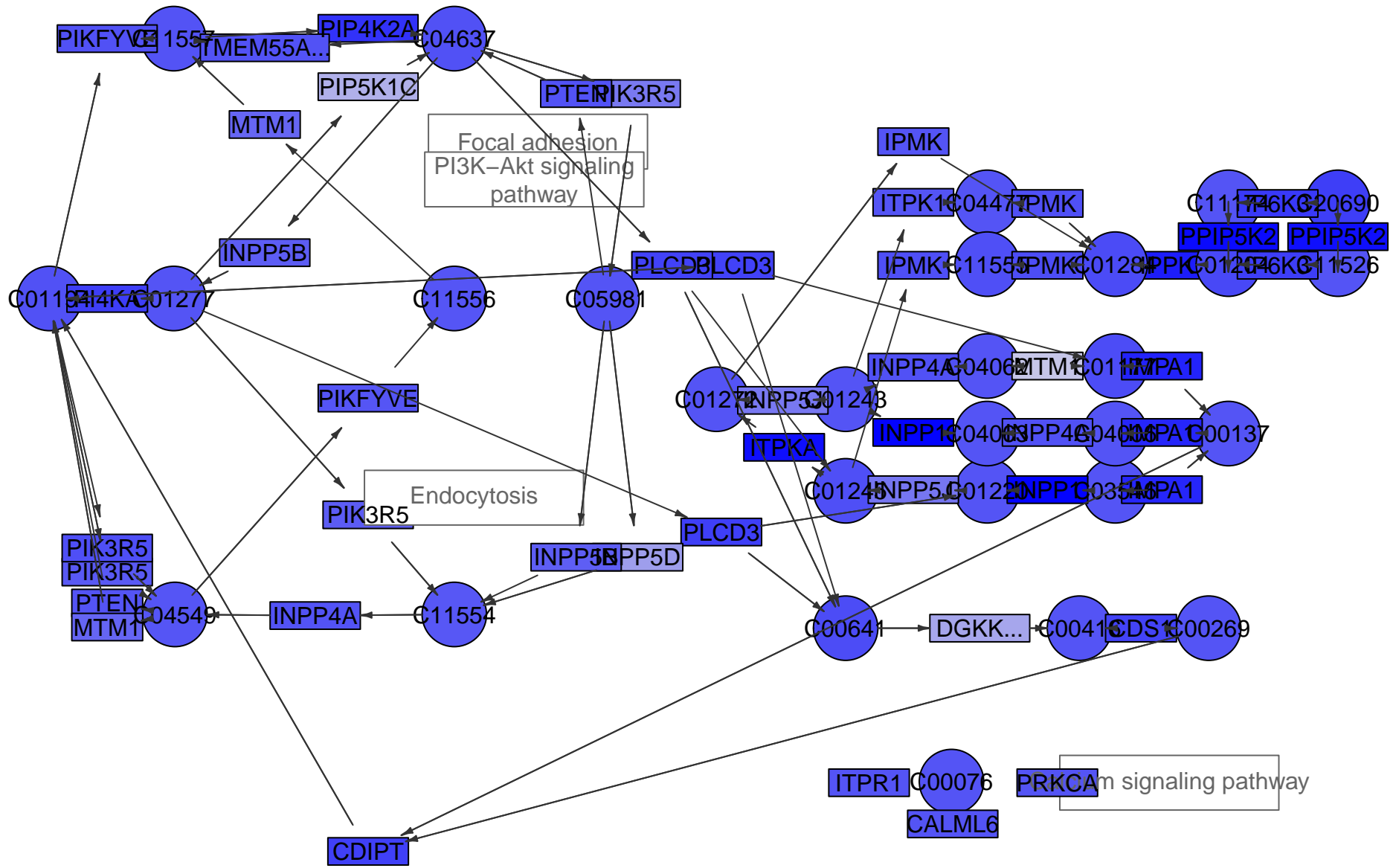
# Phosphatidylinositol signaling system

MPI-189



Phosphatidylinositol signaling system

MPI-190

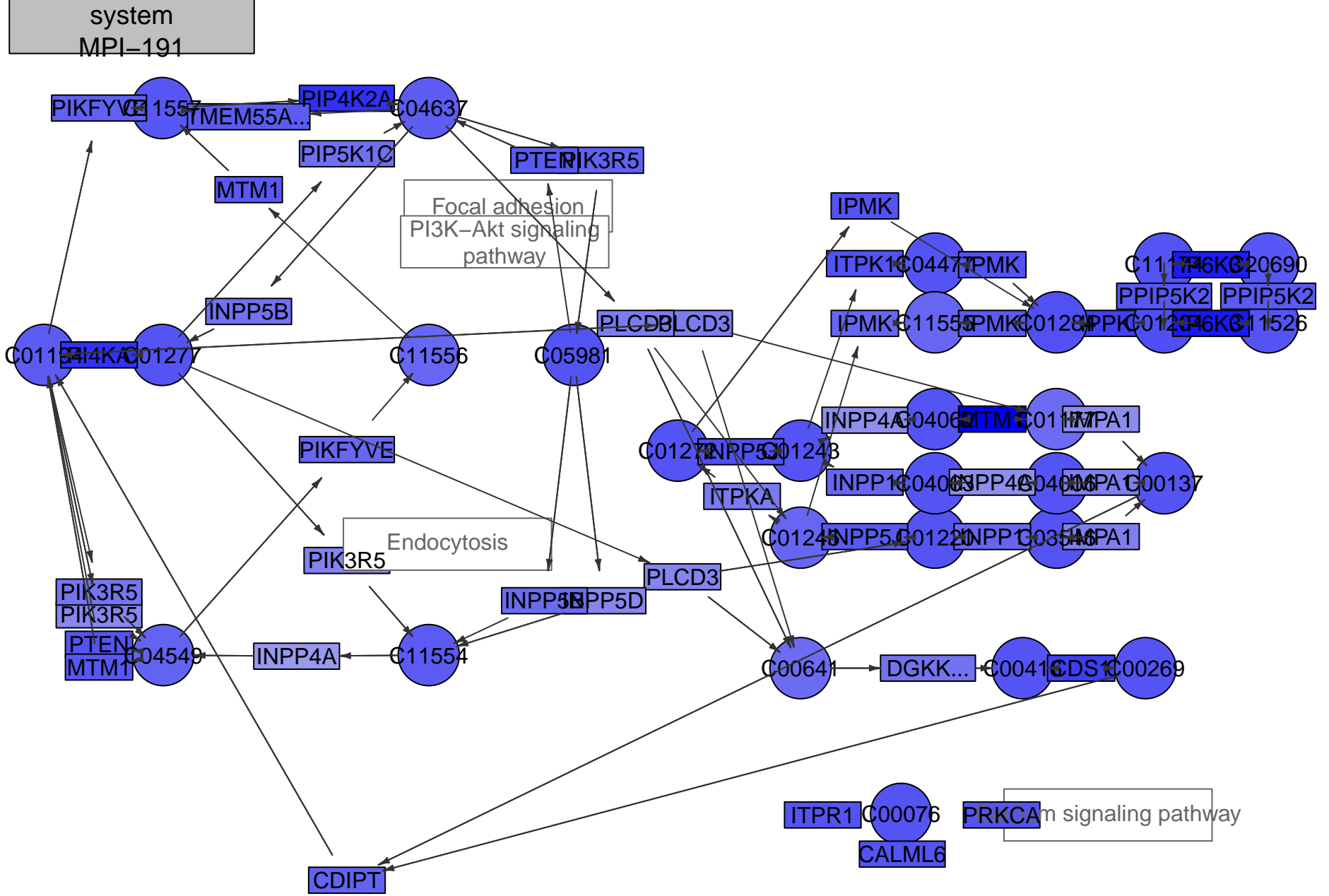


Focal adhesion PI3K-Akt signaling pathway

Endocytosis

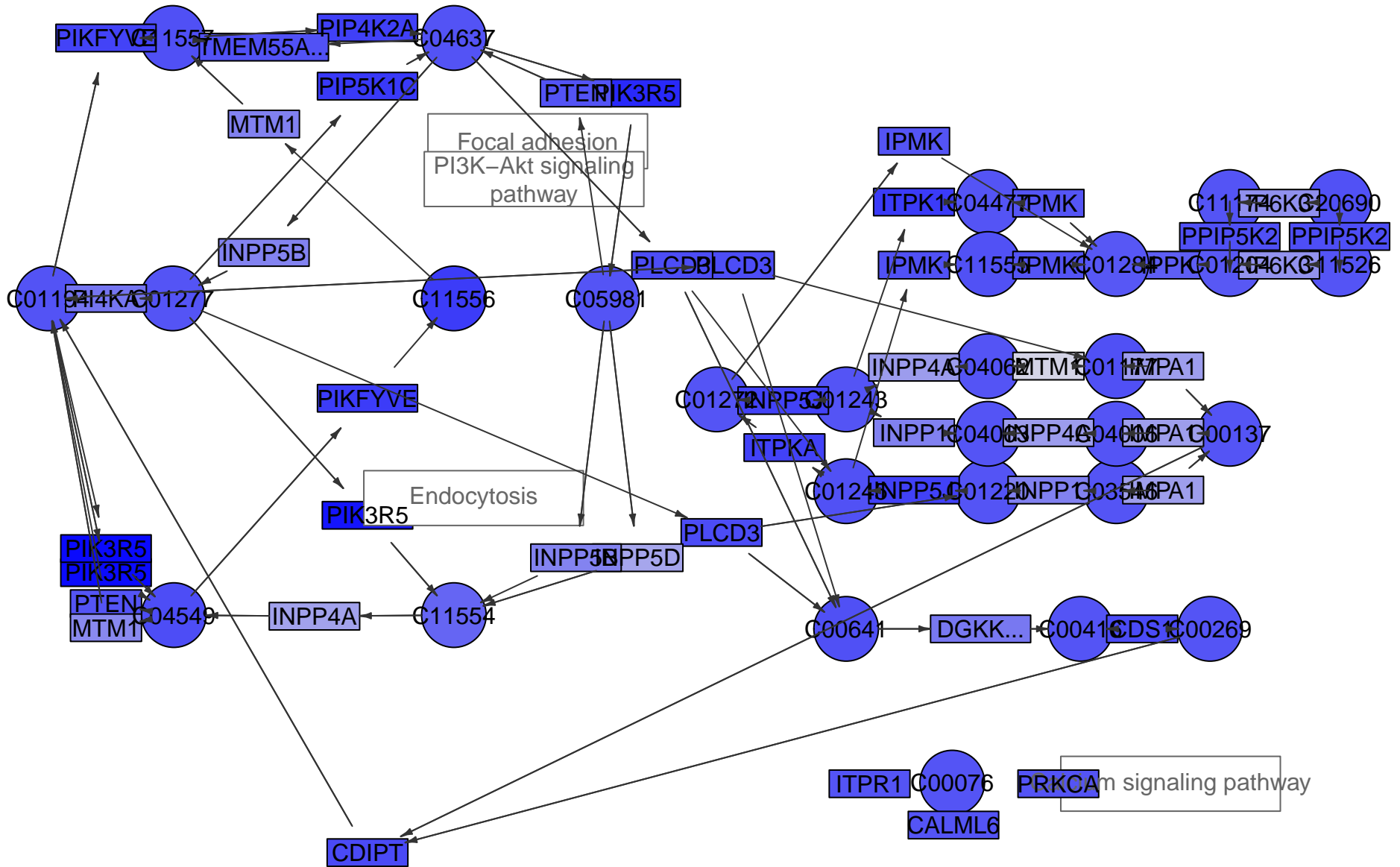
m signaling pathway

# Phosphatidylinositol signaling system



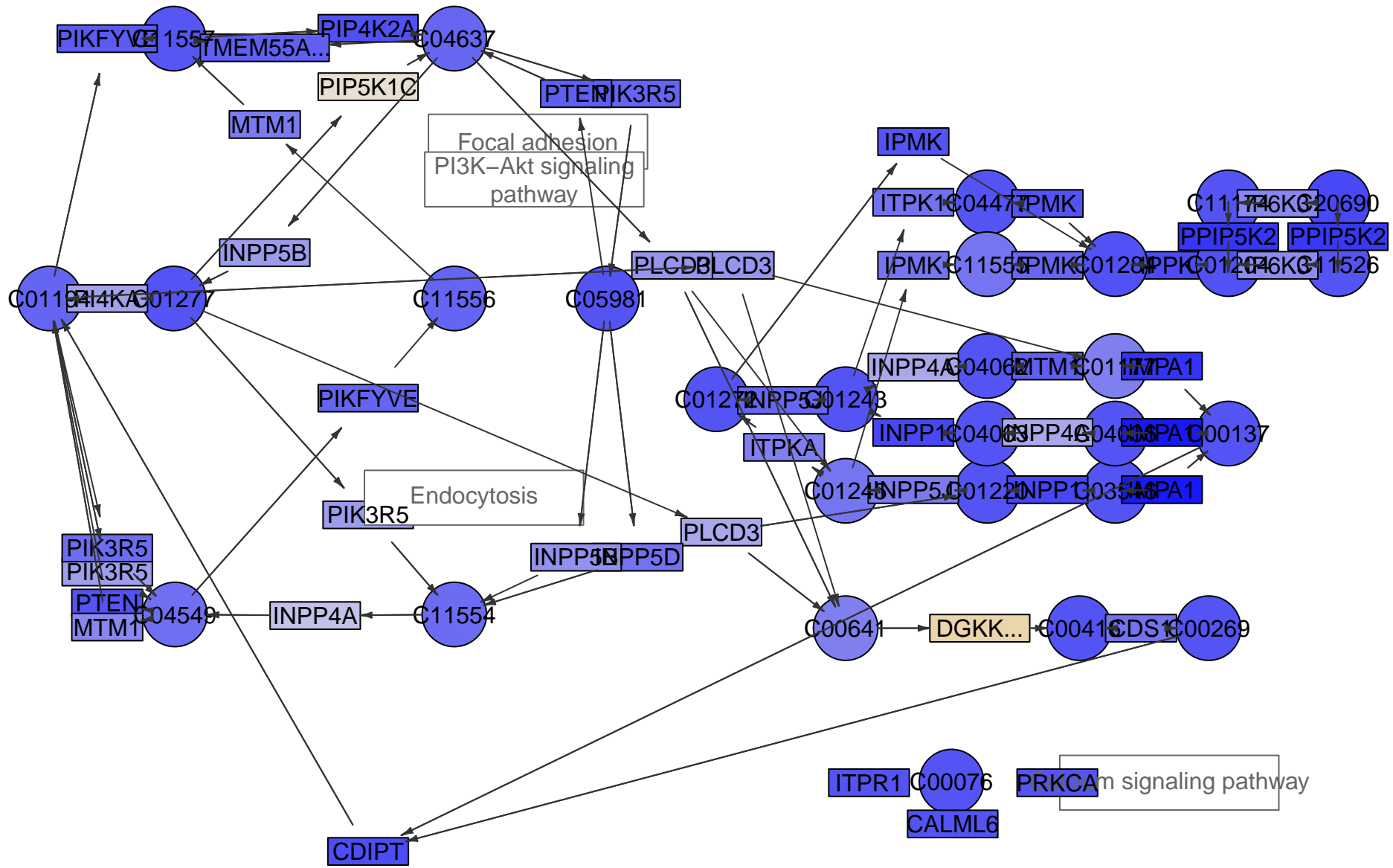
# Phosphatidylinositol signaling system

MPI-192



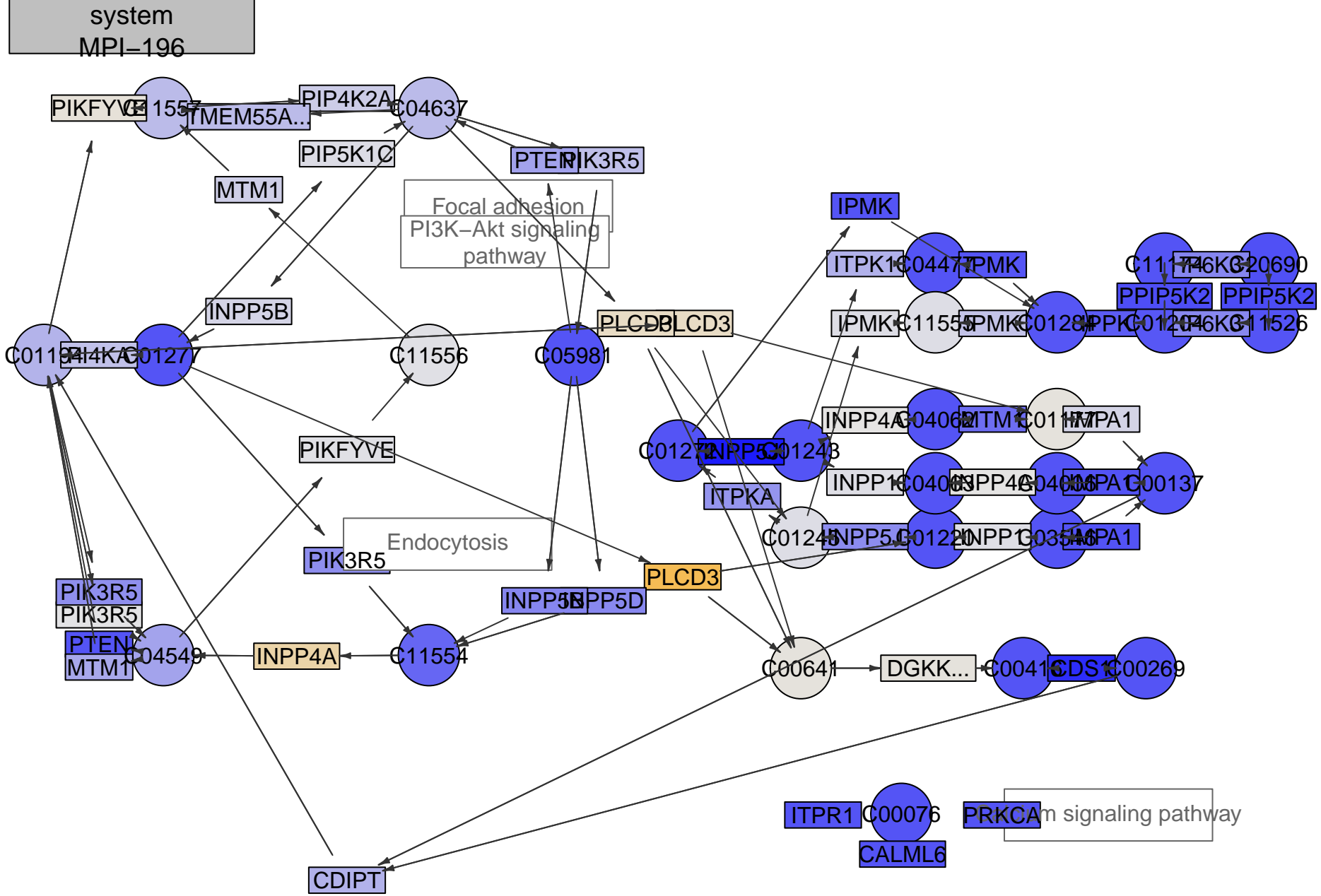
# Phosphatidylinositol signaling system

MPI-194





# Phosphatidylinositol signaling system

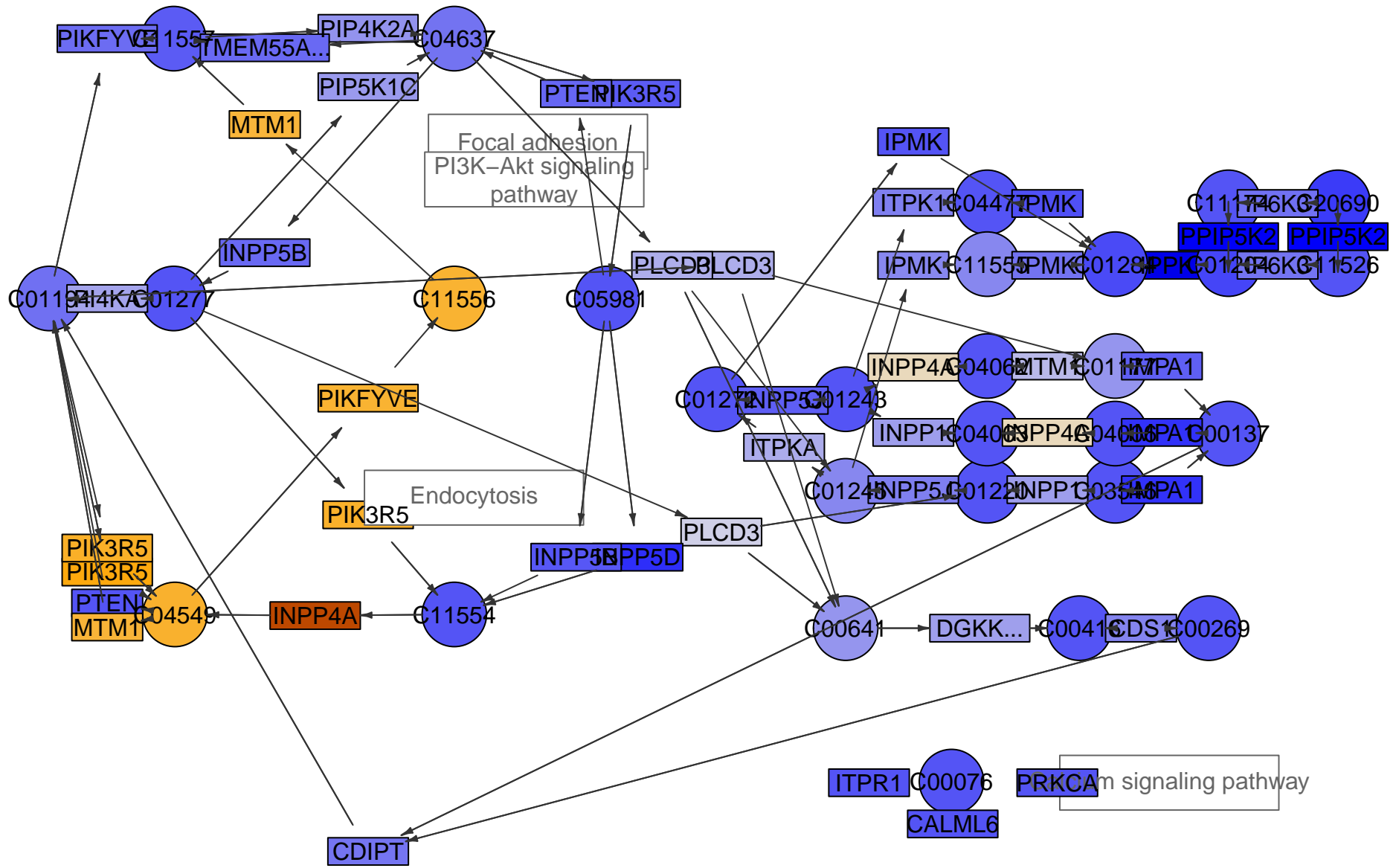








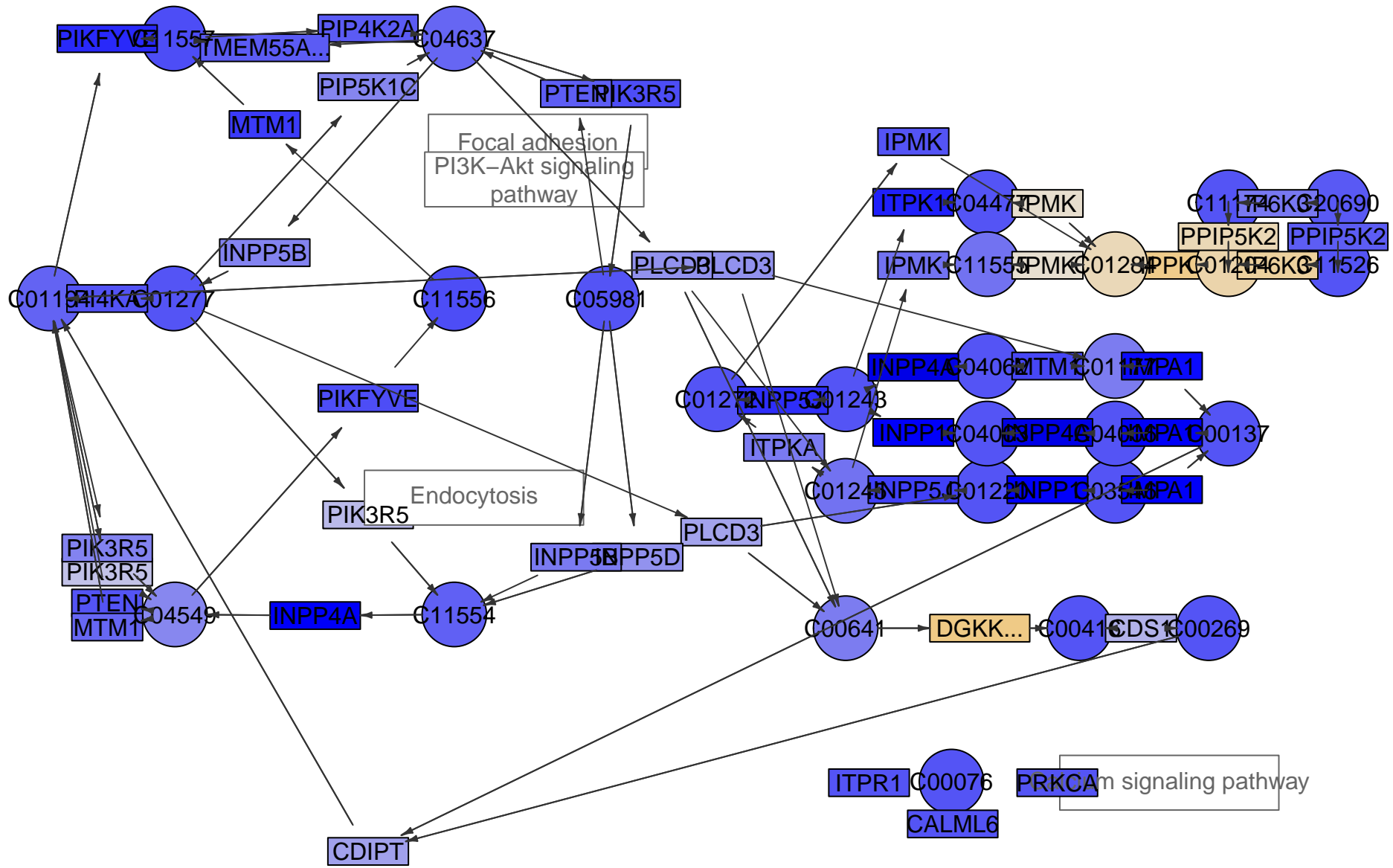
Phosphatidylinositol signaling system  
MPI-200





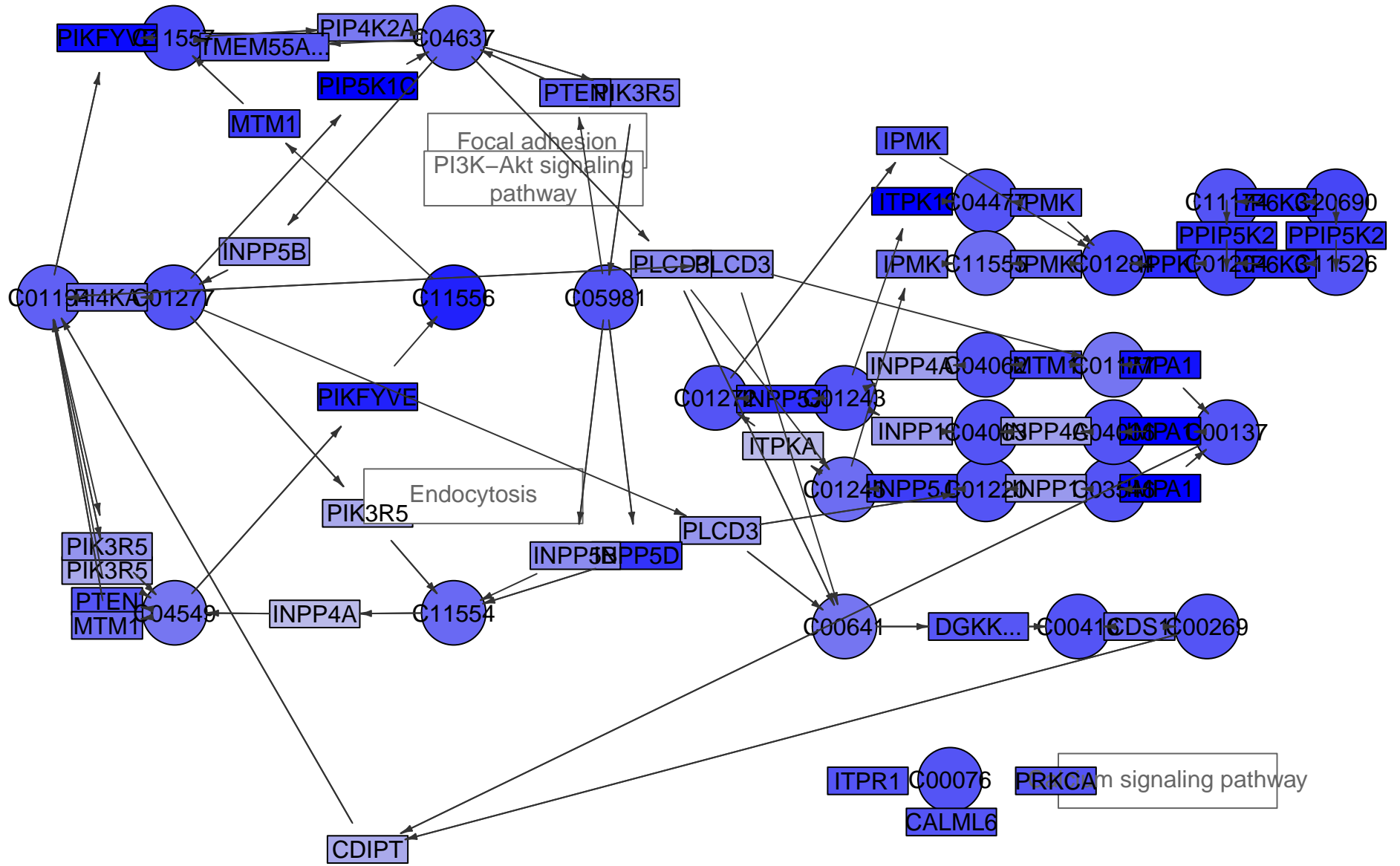
# Phosphatidylinositol signaling system

MPI-202



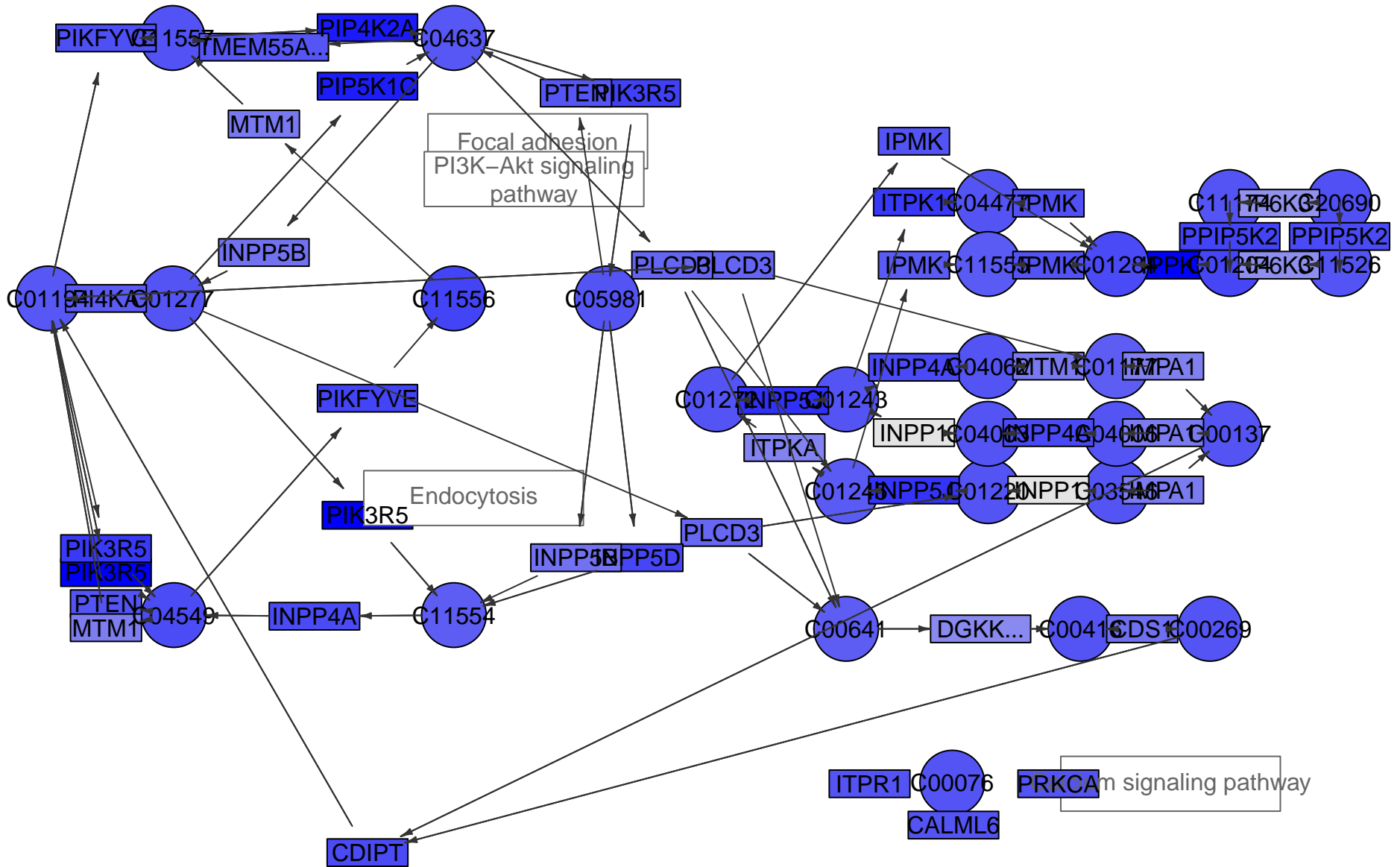
# Phosphatidylinositol signaling system

MPI-203



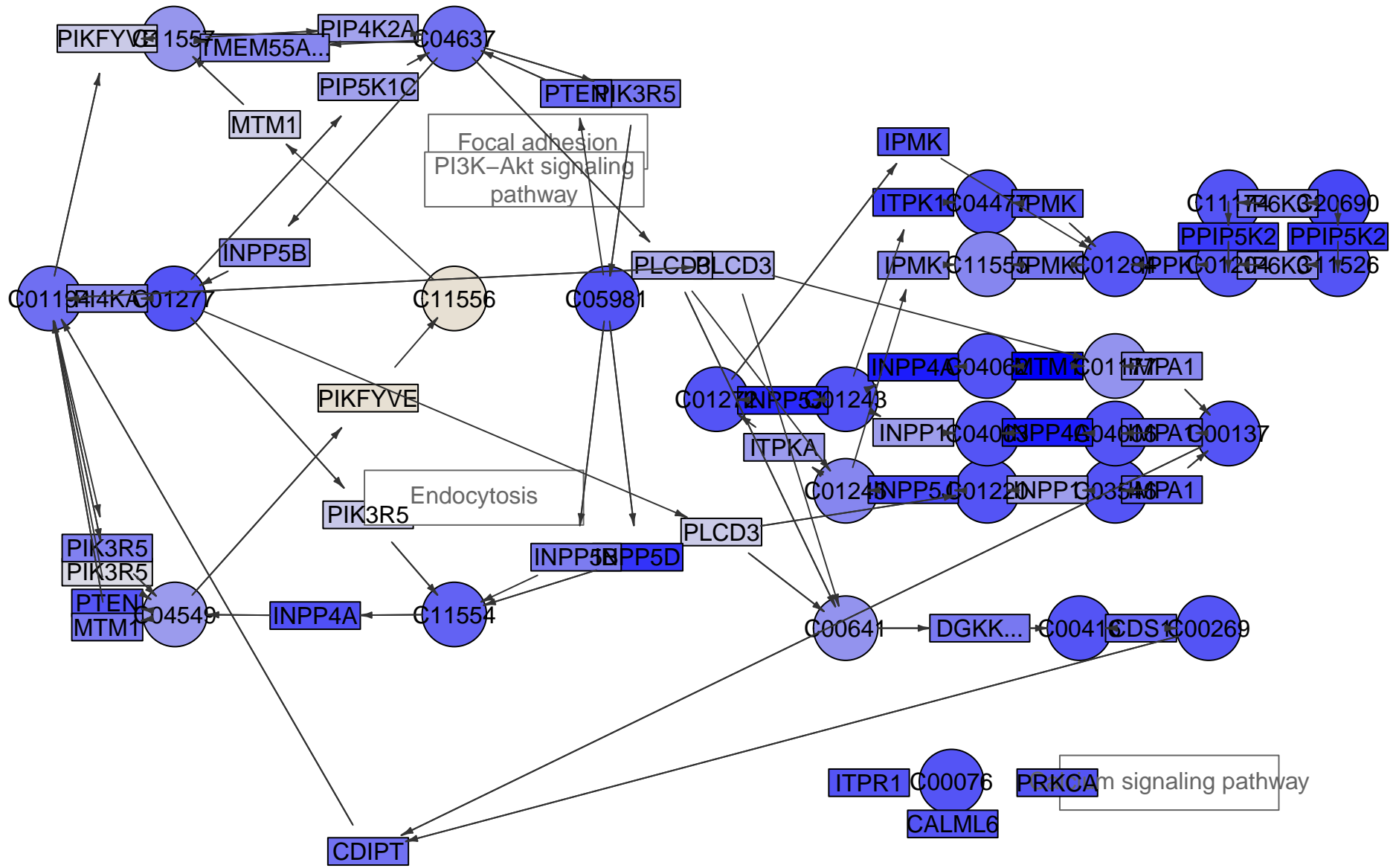
# Phosphatidylinositol signaling system

MPI-204



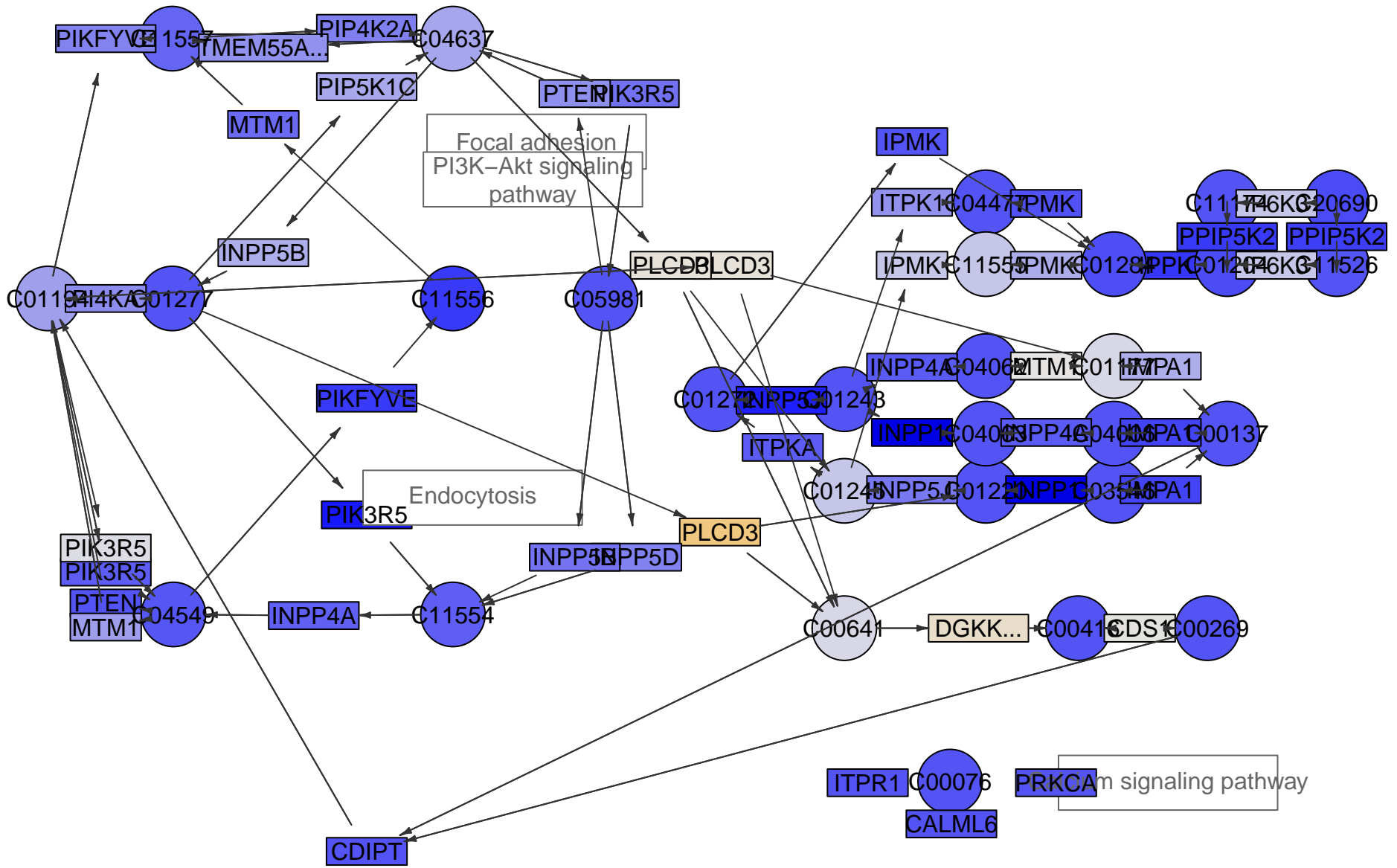
# Phosphatidylinositol signaling system

MPI-205



# Phosphatidylinositol signaling system

MPI-206

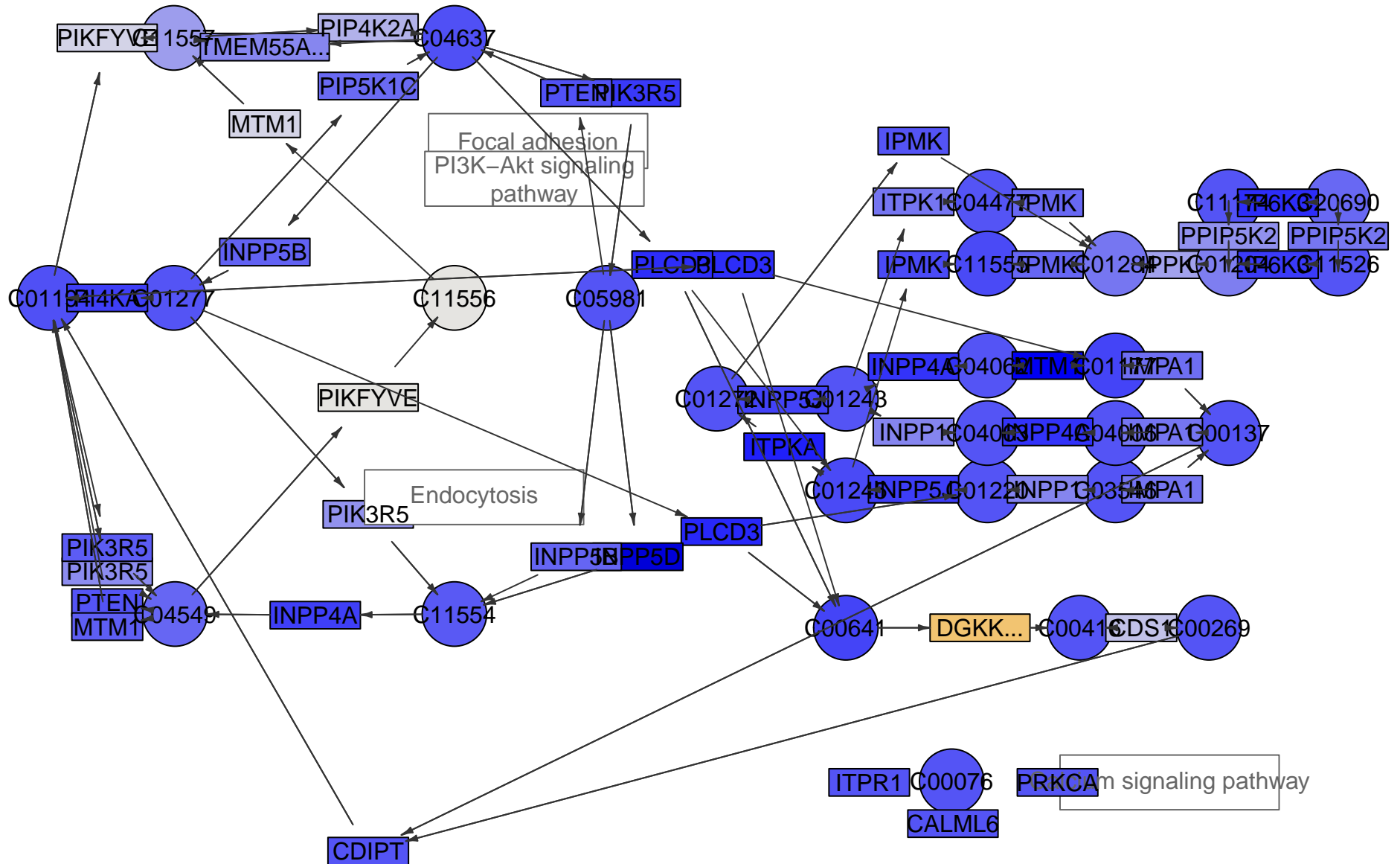






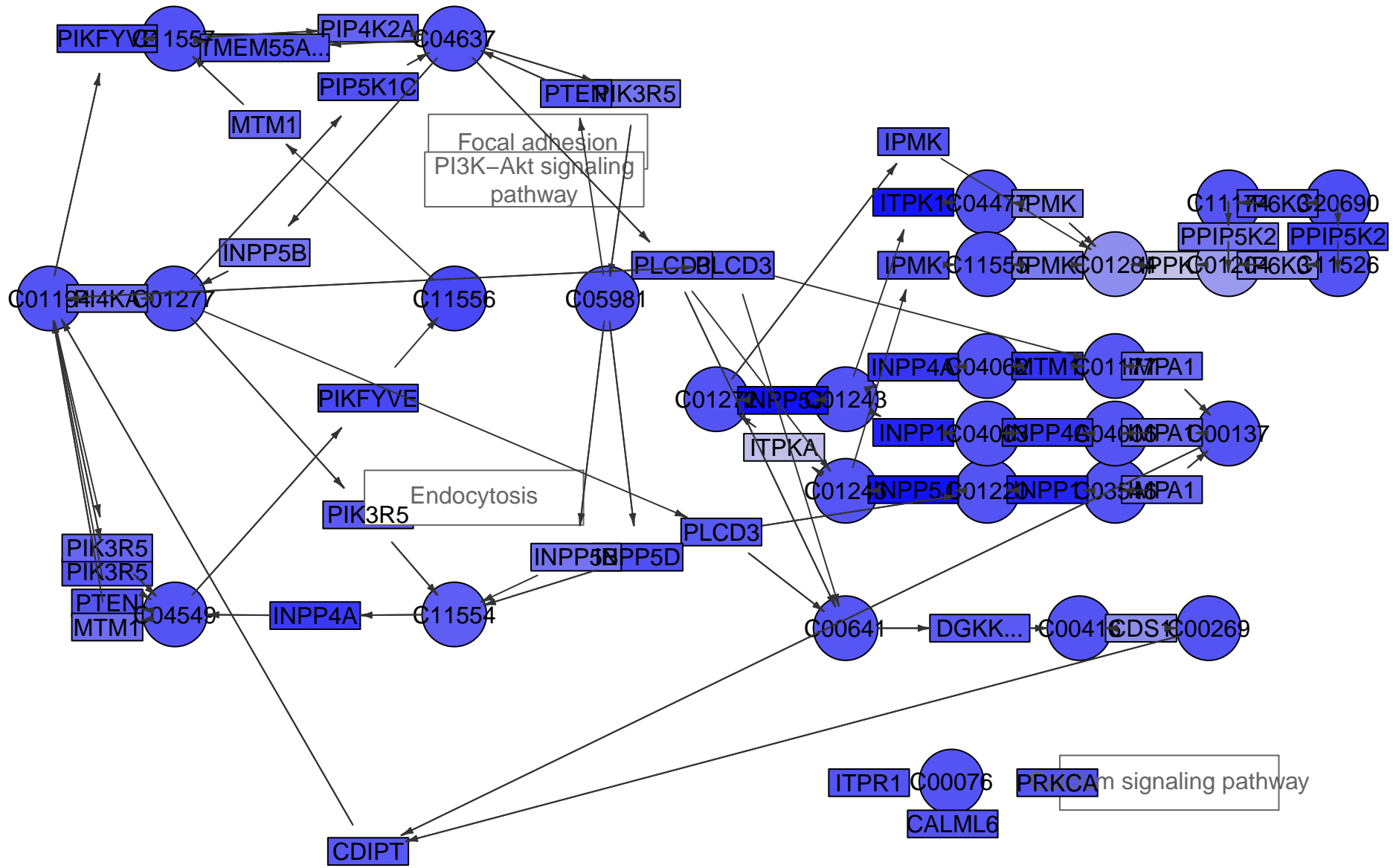
# Phosphatidylinositol signaling system

MPI-208



# Phosphatidylinositol signaling system

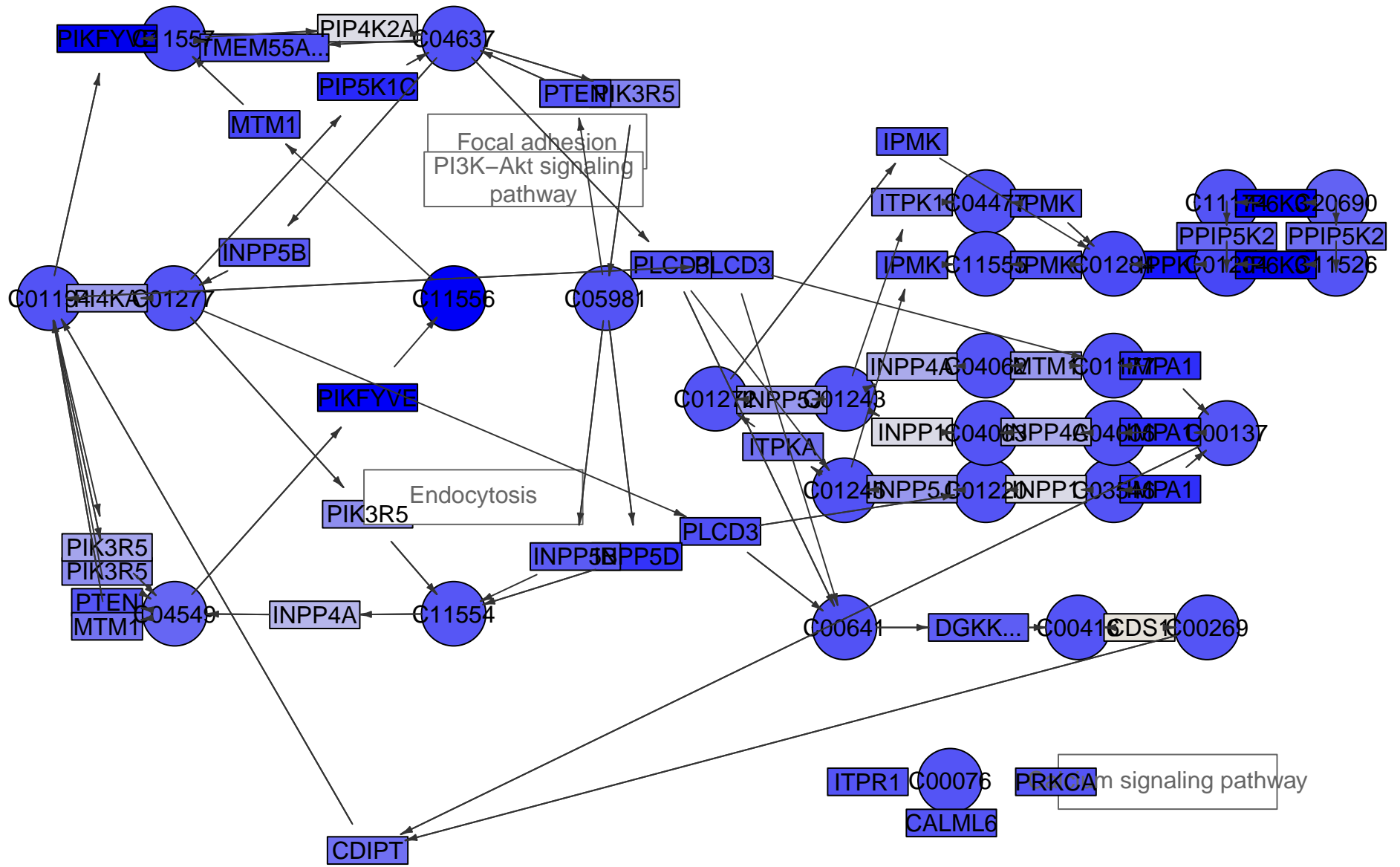
MPI-209





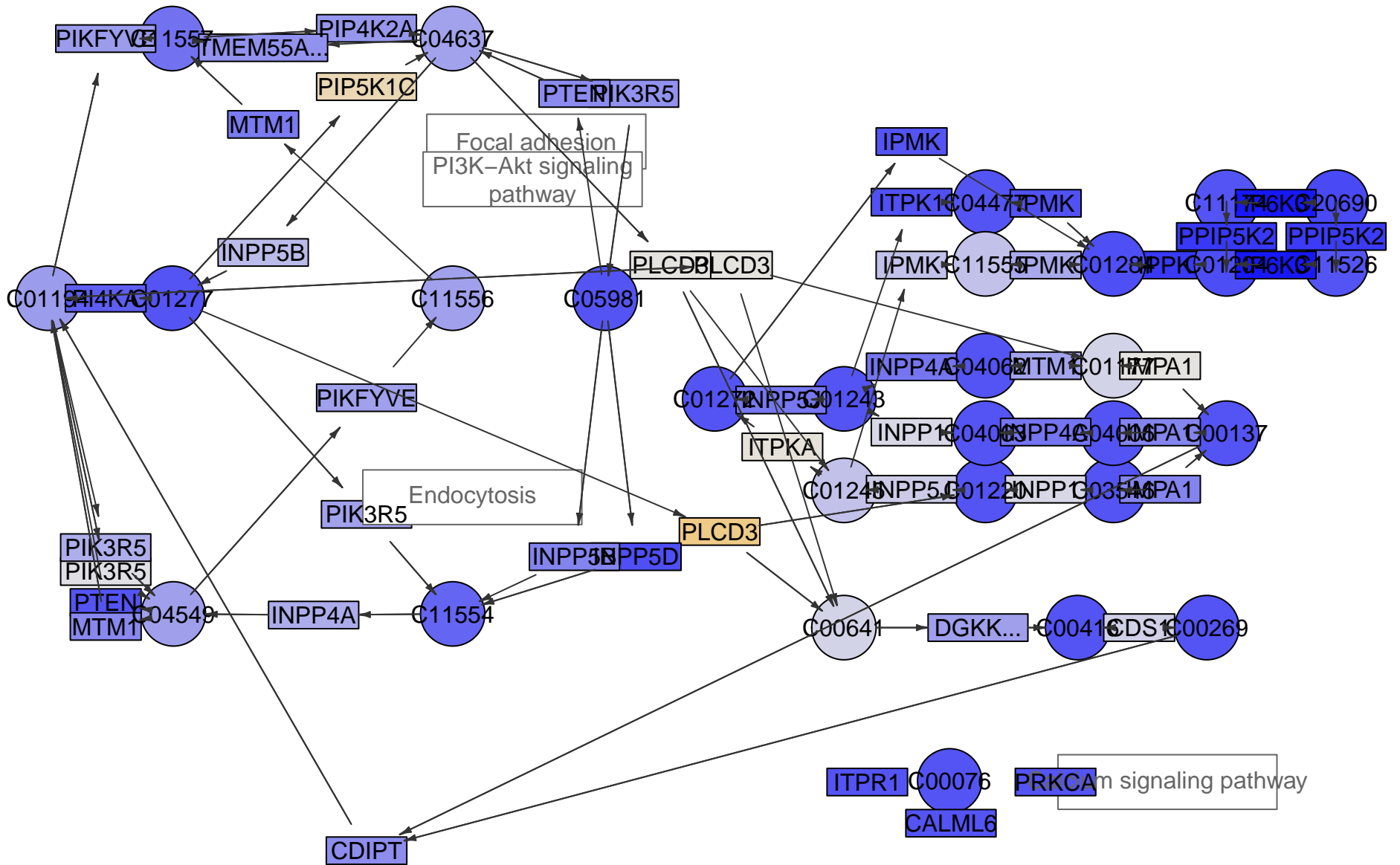
# Phosphatidylinositol signaling system

MPI-212



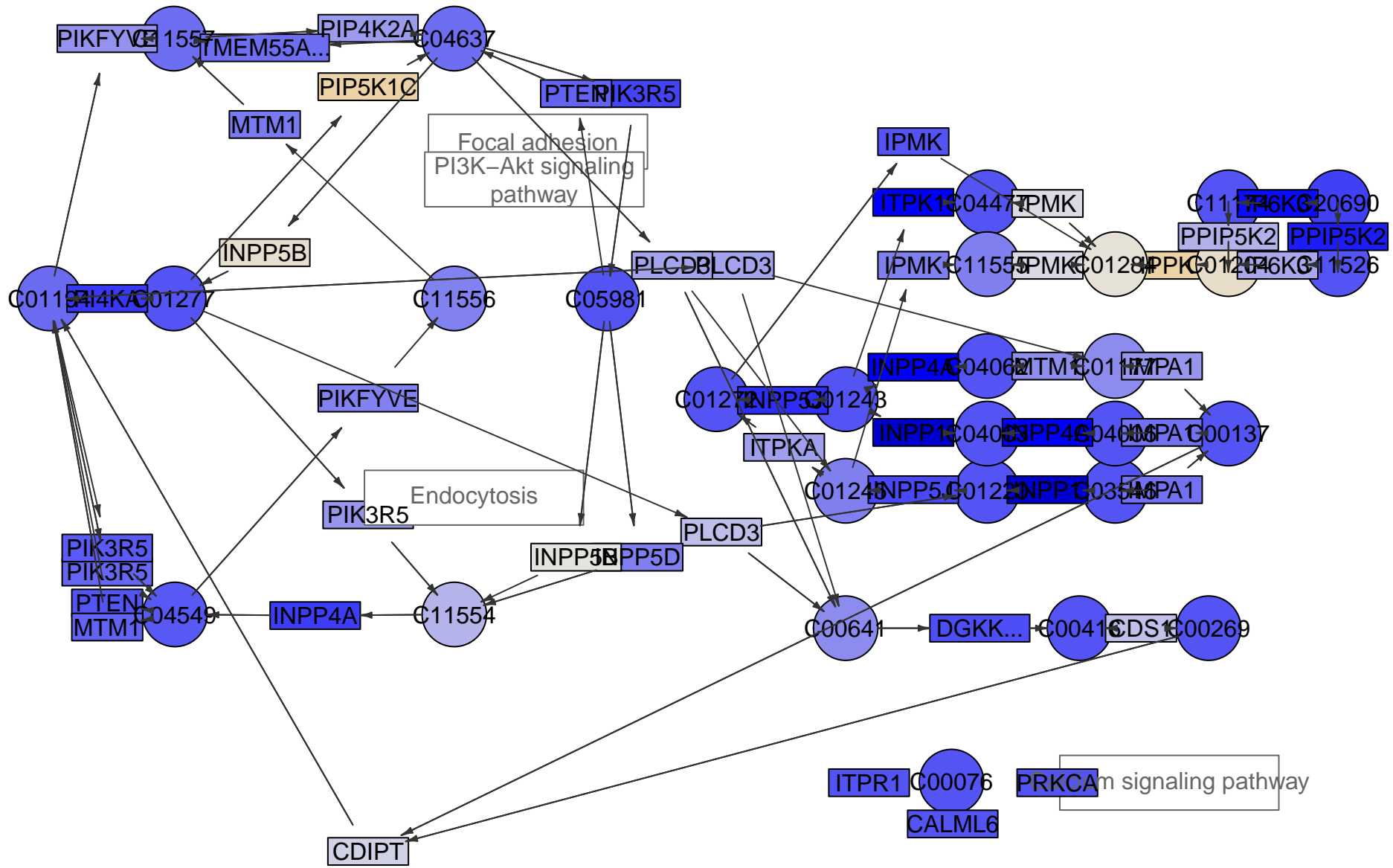
# Phosphatidylinositol signaling system

MPI-213



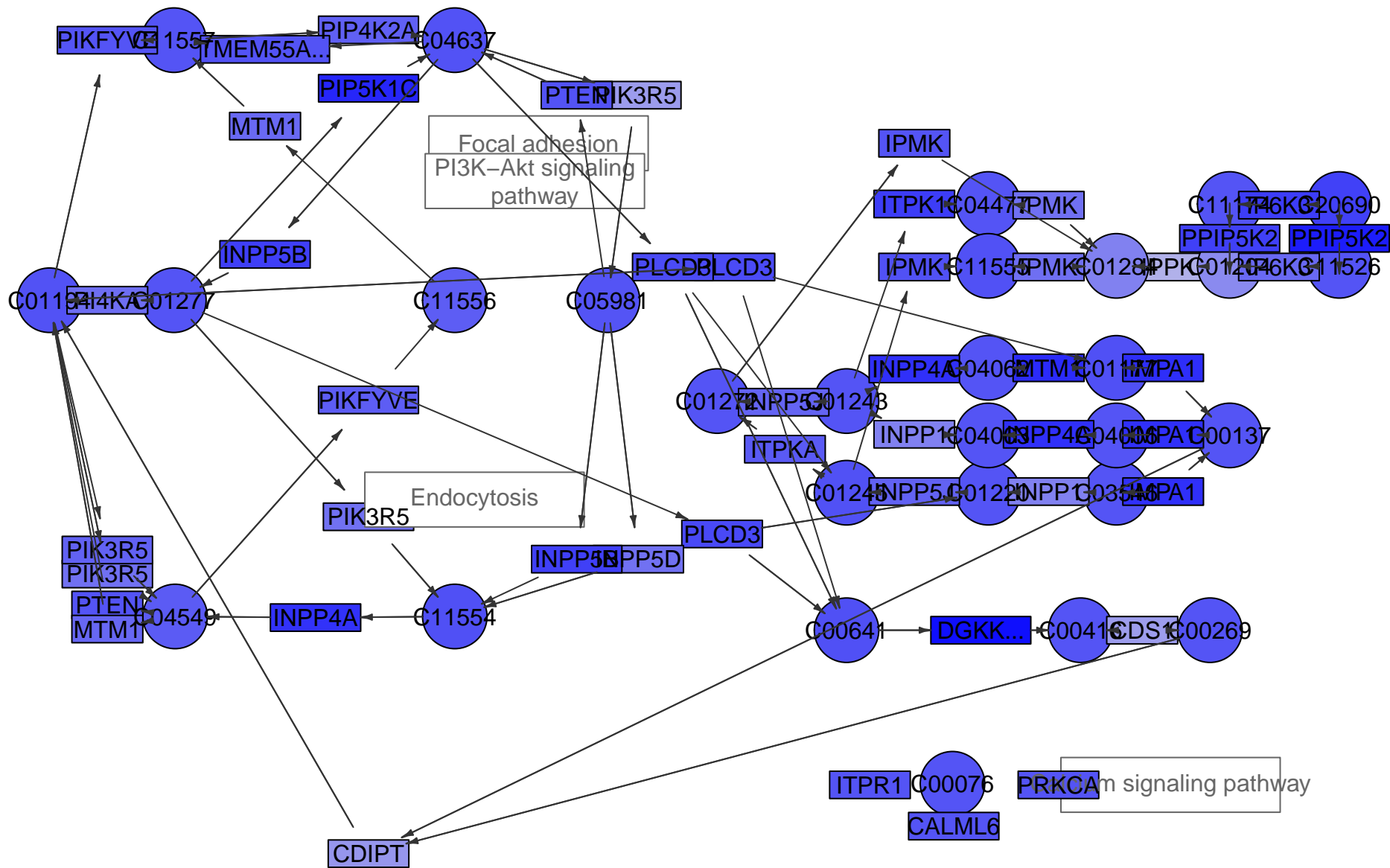


Phosphatidylinositol signaling system  
MPI-219



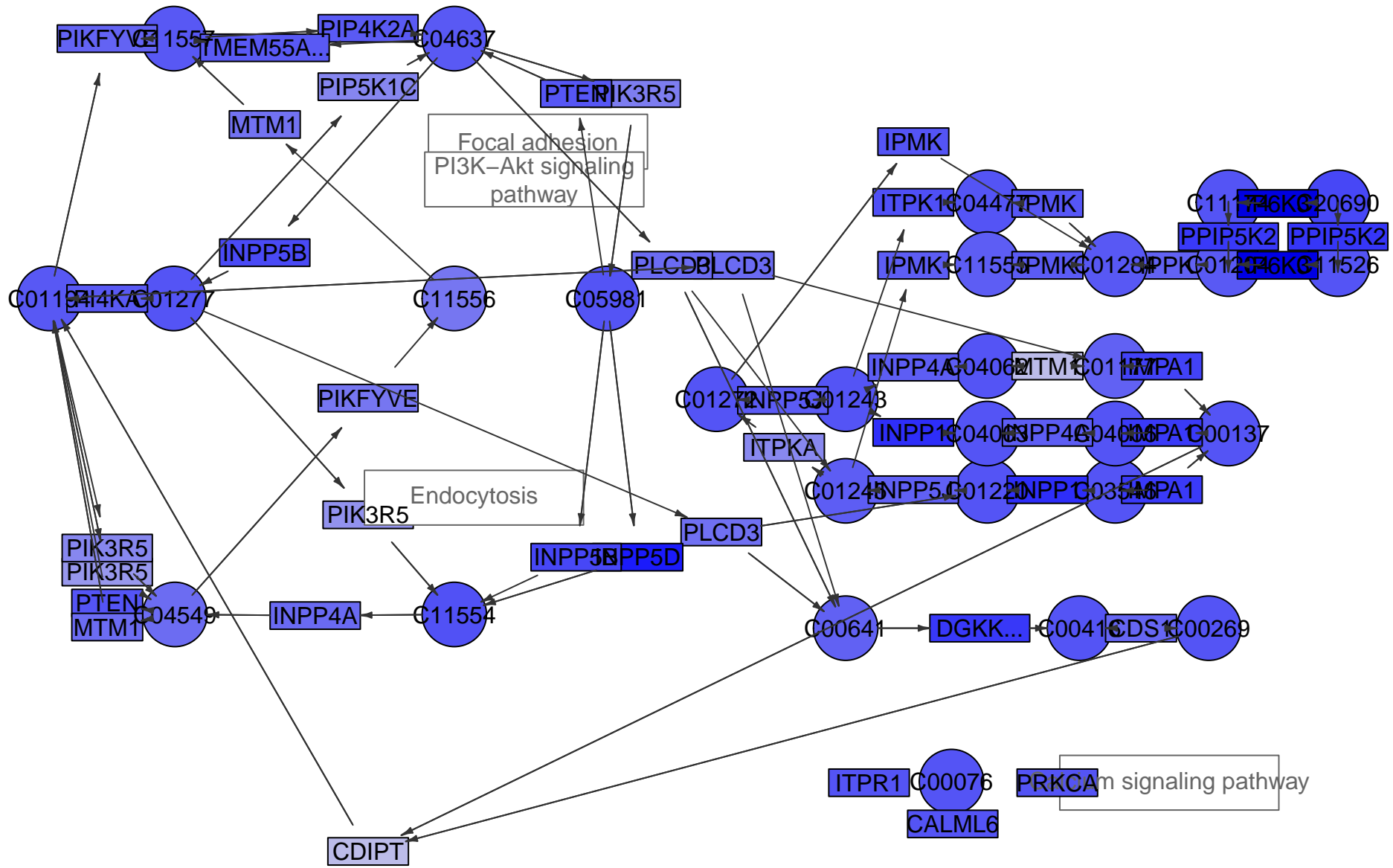


Phosphatidylinositol signaling system  
MPI-221



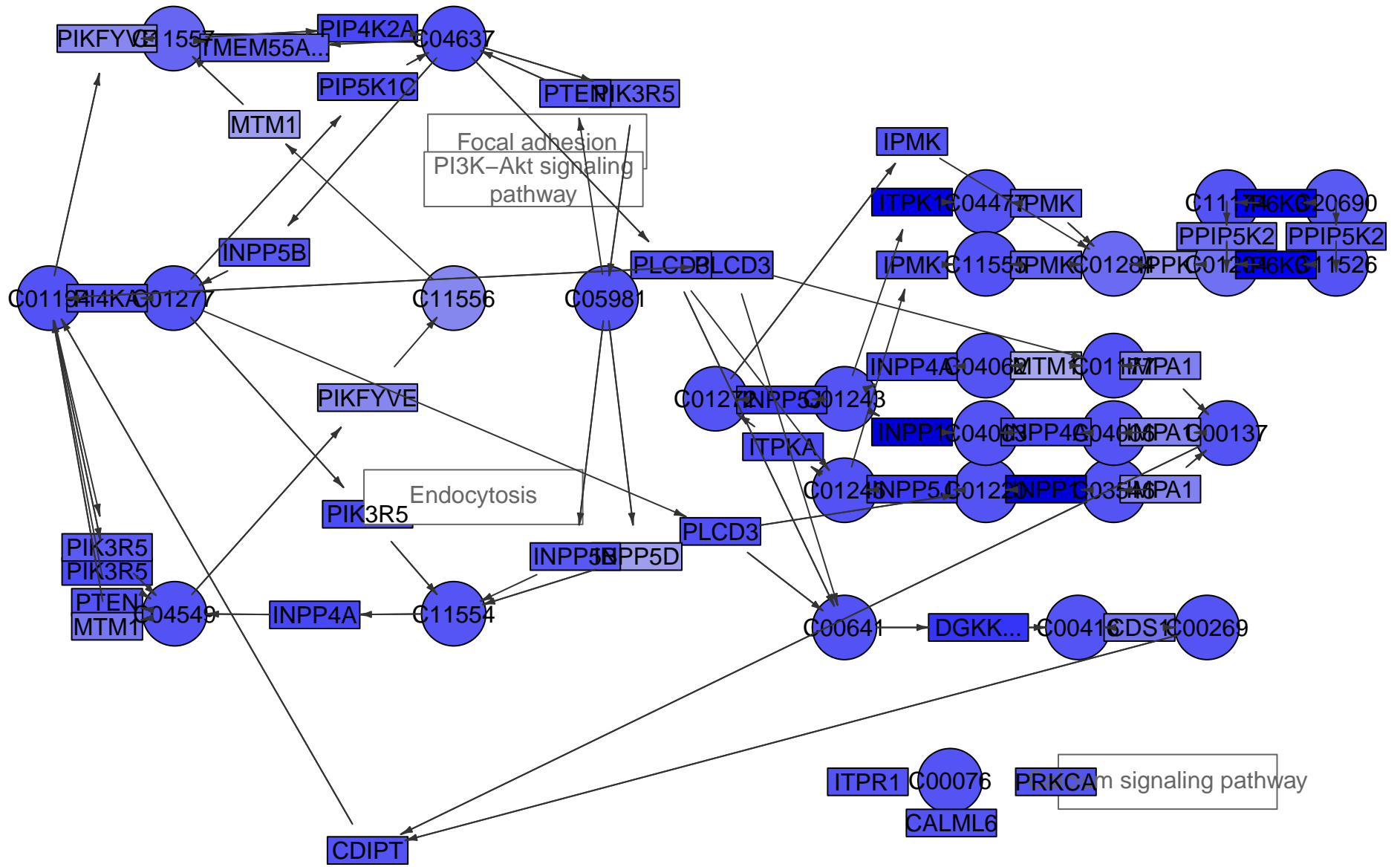
# Phosphatidylinositol signaling system

MPI-223a



# Phosphatidylinositol signaling system

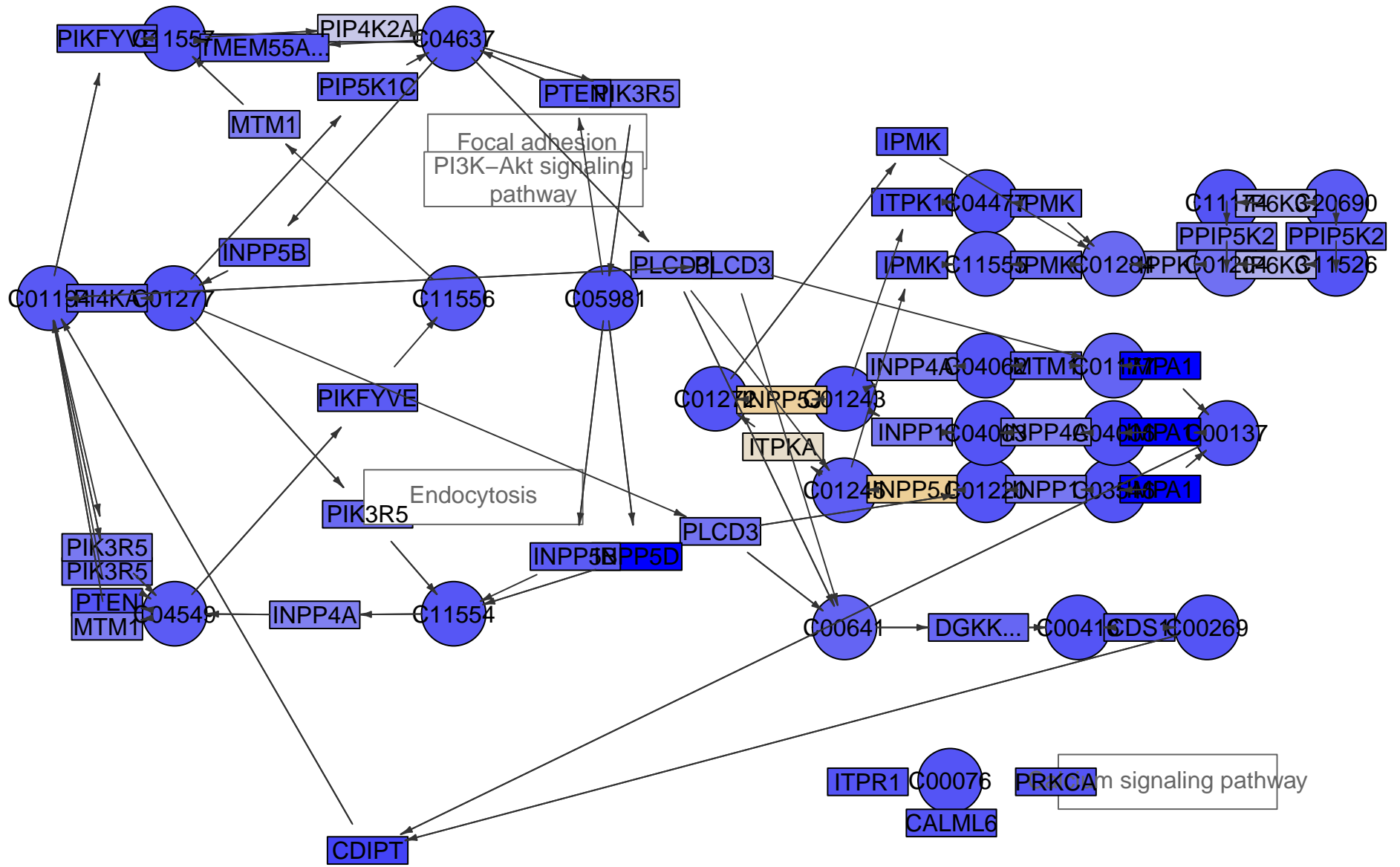
MPI-224





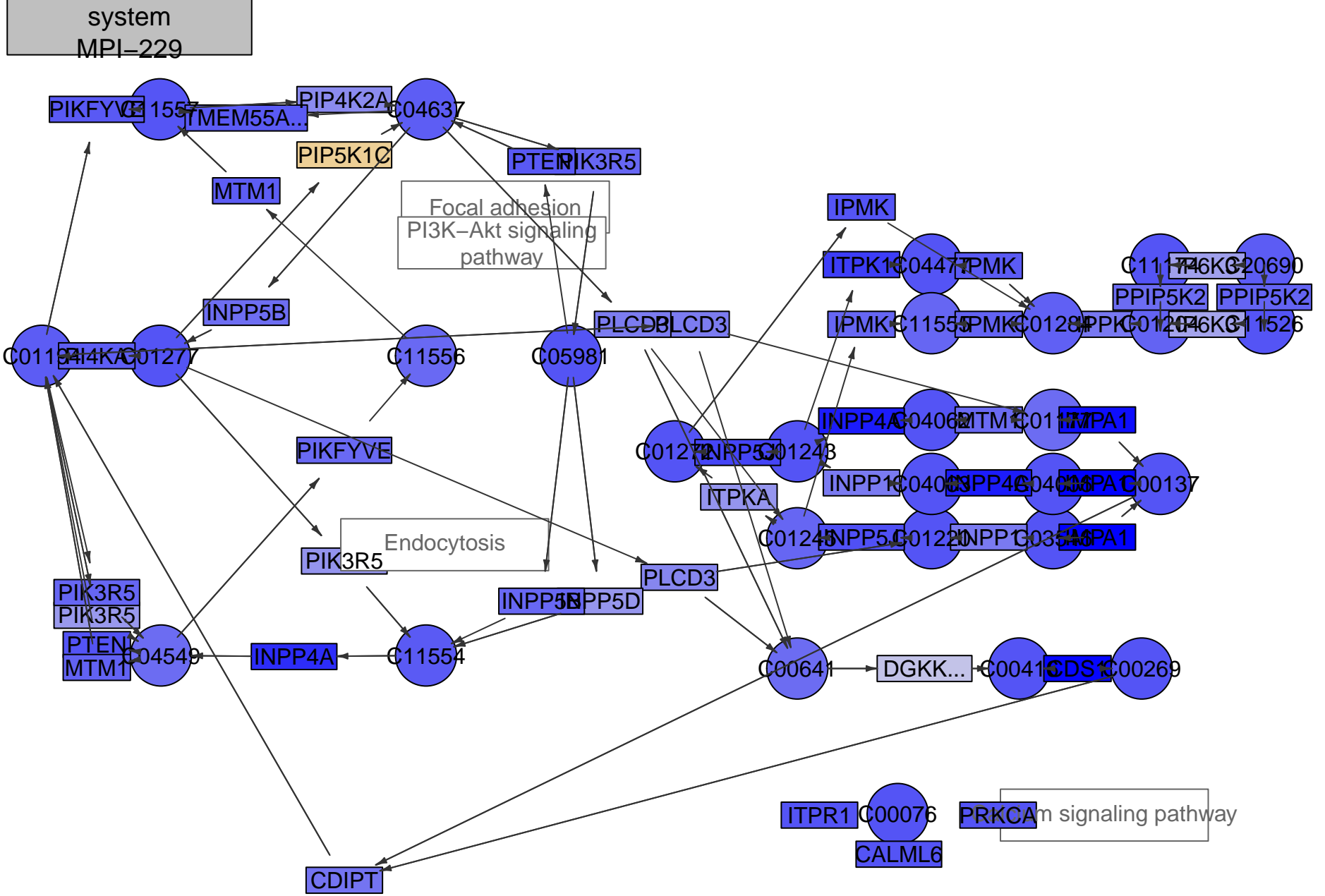
# Phosphatidylinositol signaling system

MPI-227



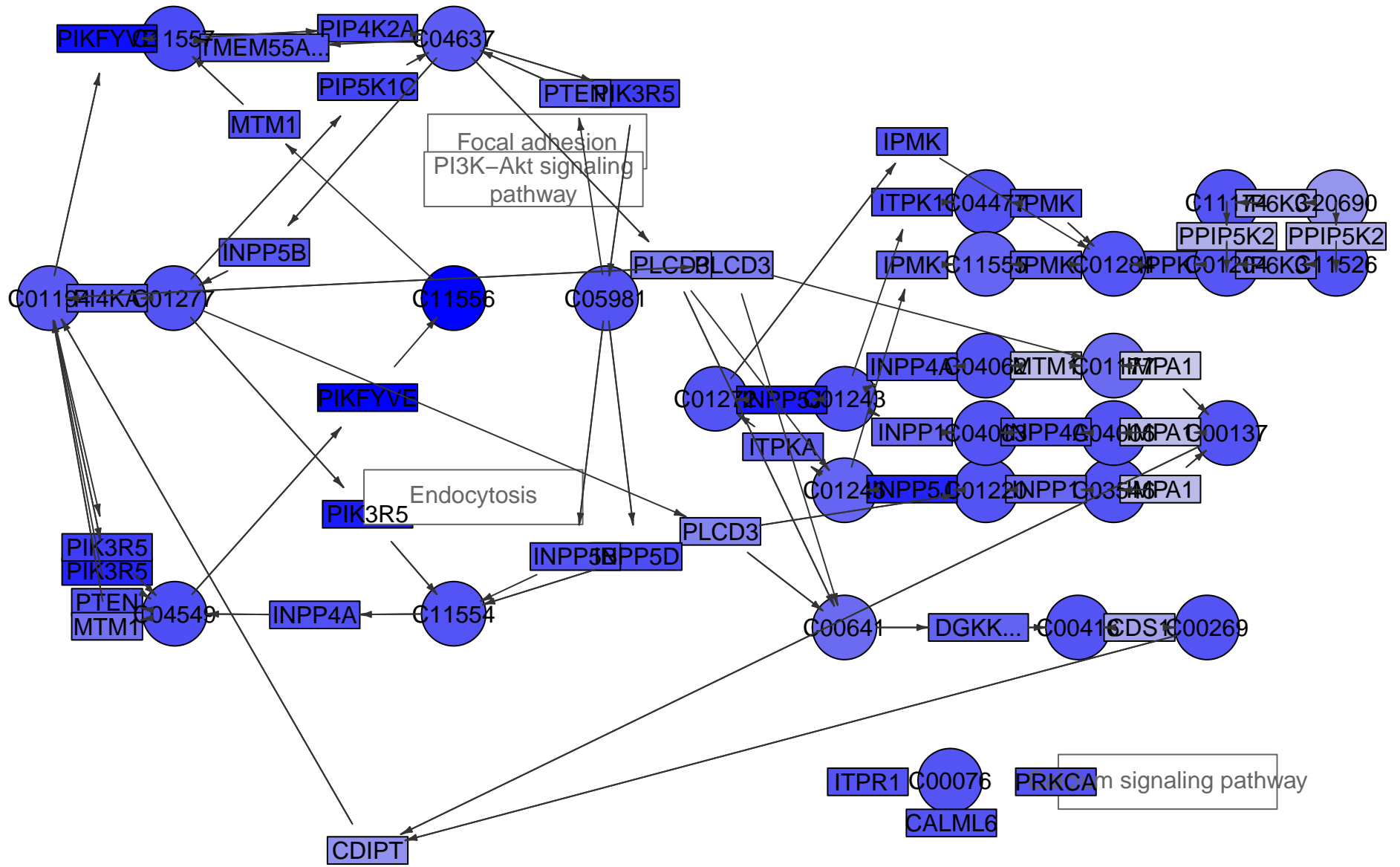


# Phosphatidylinositol signaling system



# Phosphatidylinositol signaling system

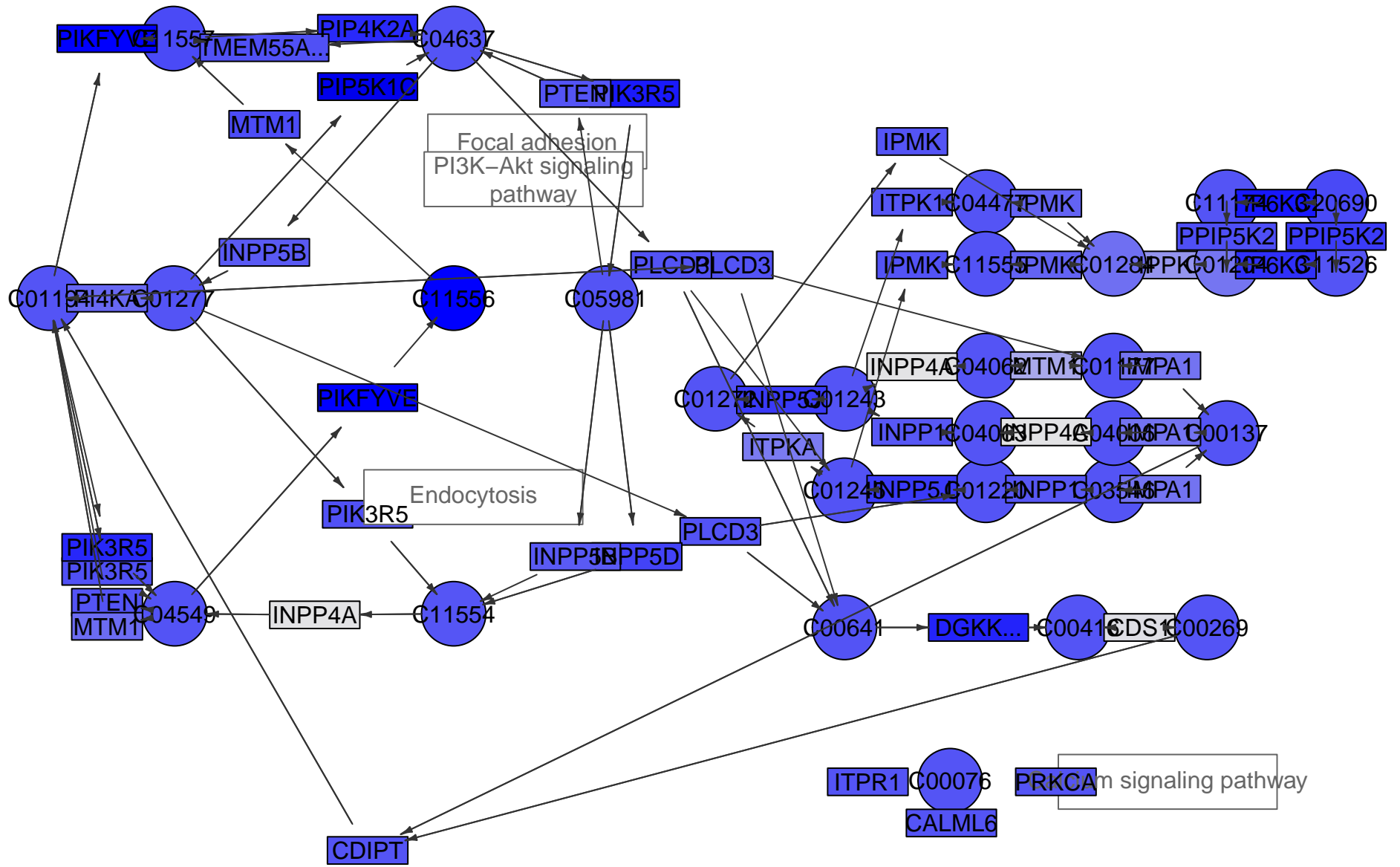
MPI-230



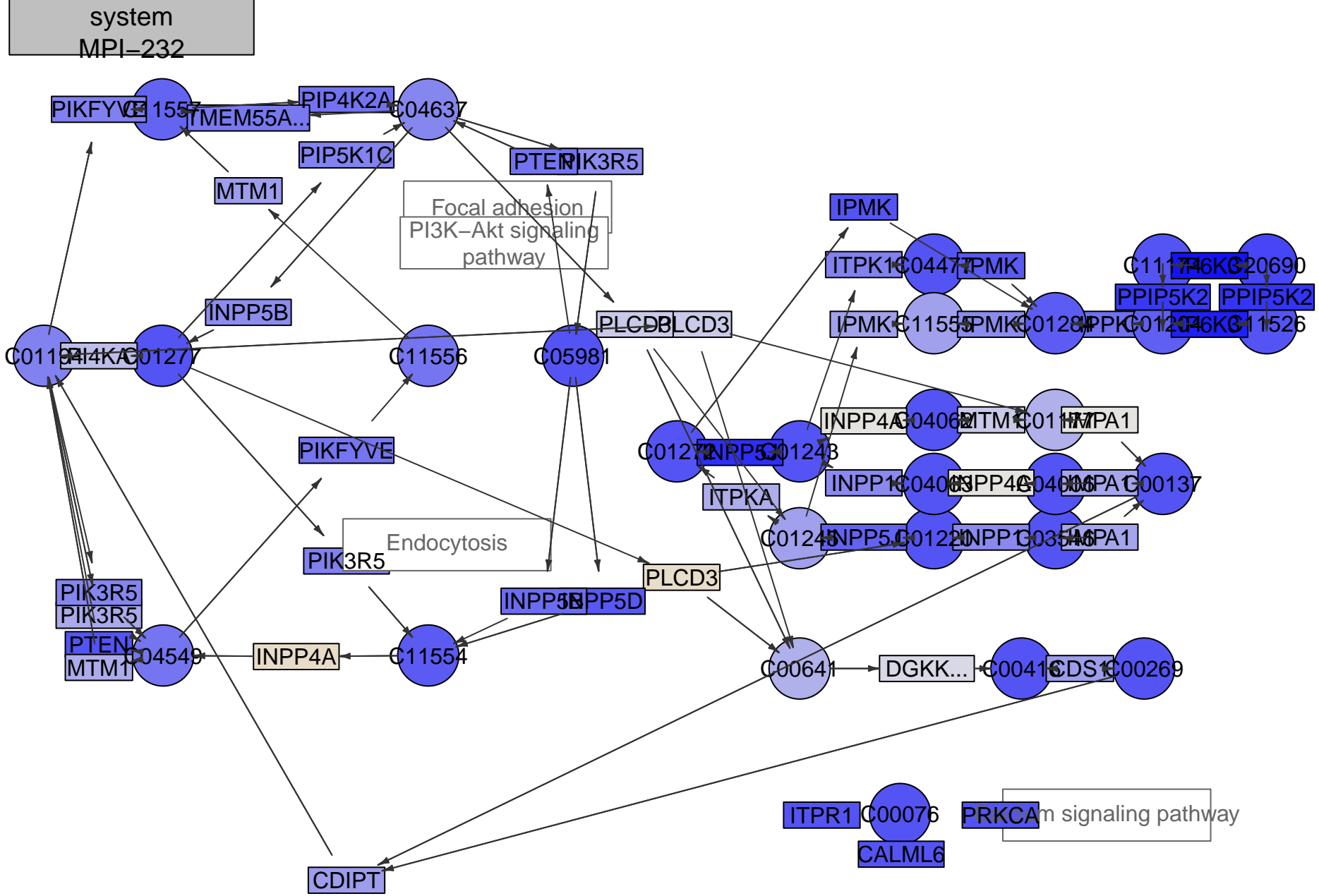


# Phosphatidylinositol signaling system

MPI-231

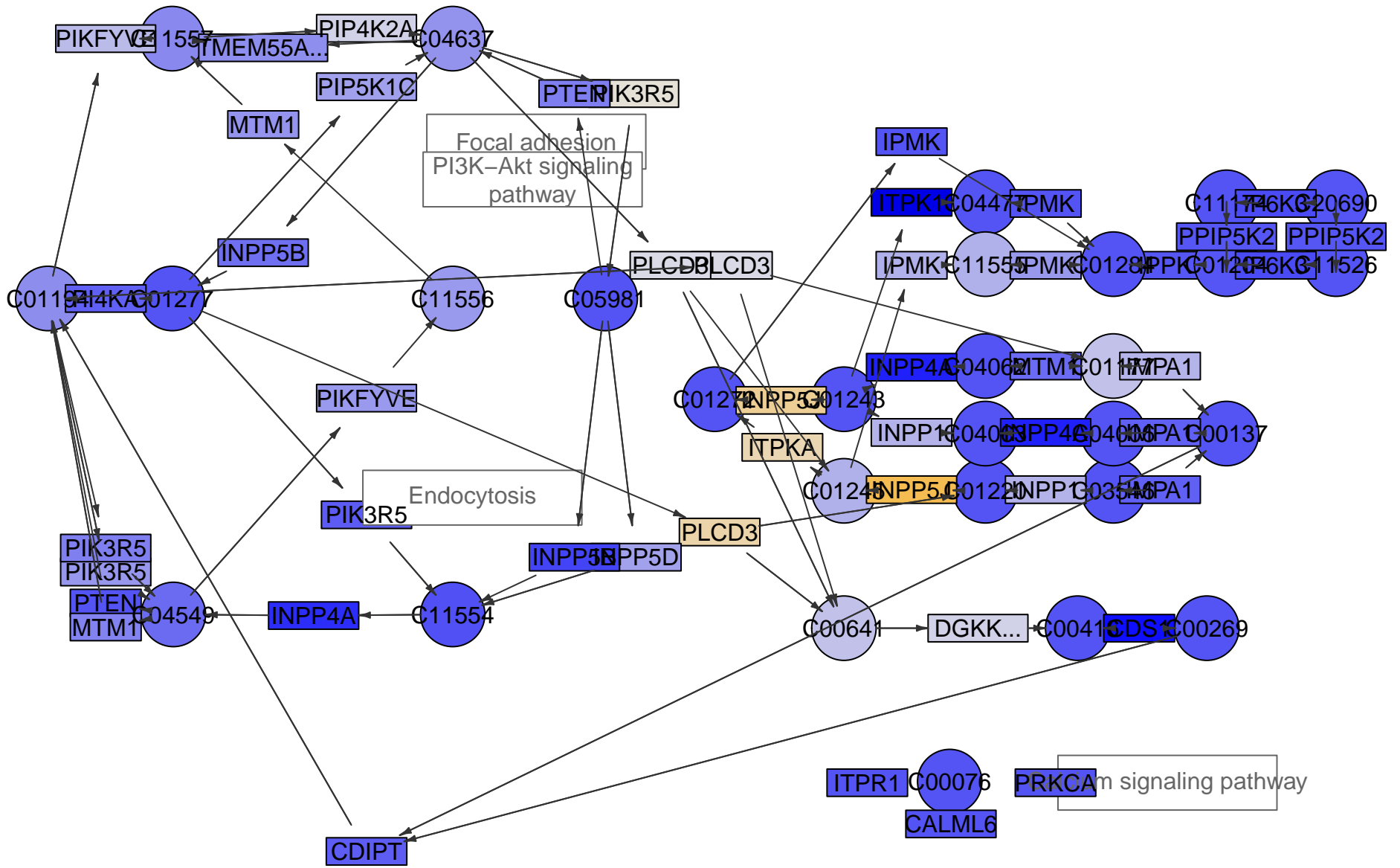


Phosphatidylinositol signaling system



# Phosphatidylinositol signaling system

MPI-233

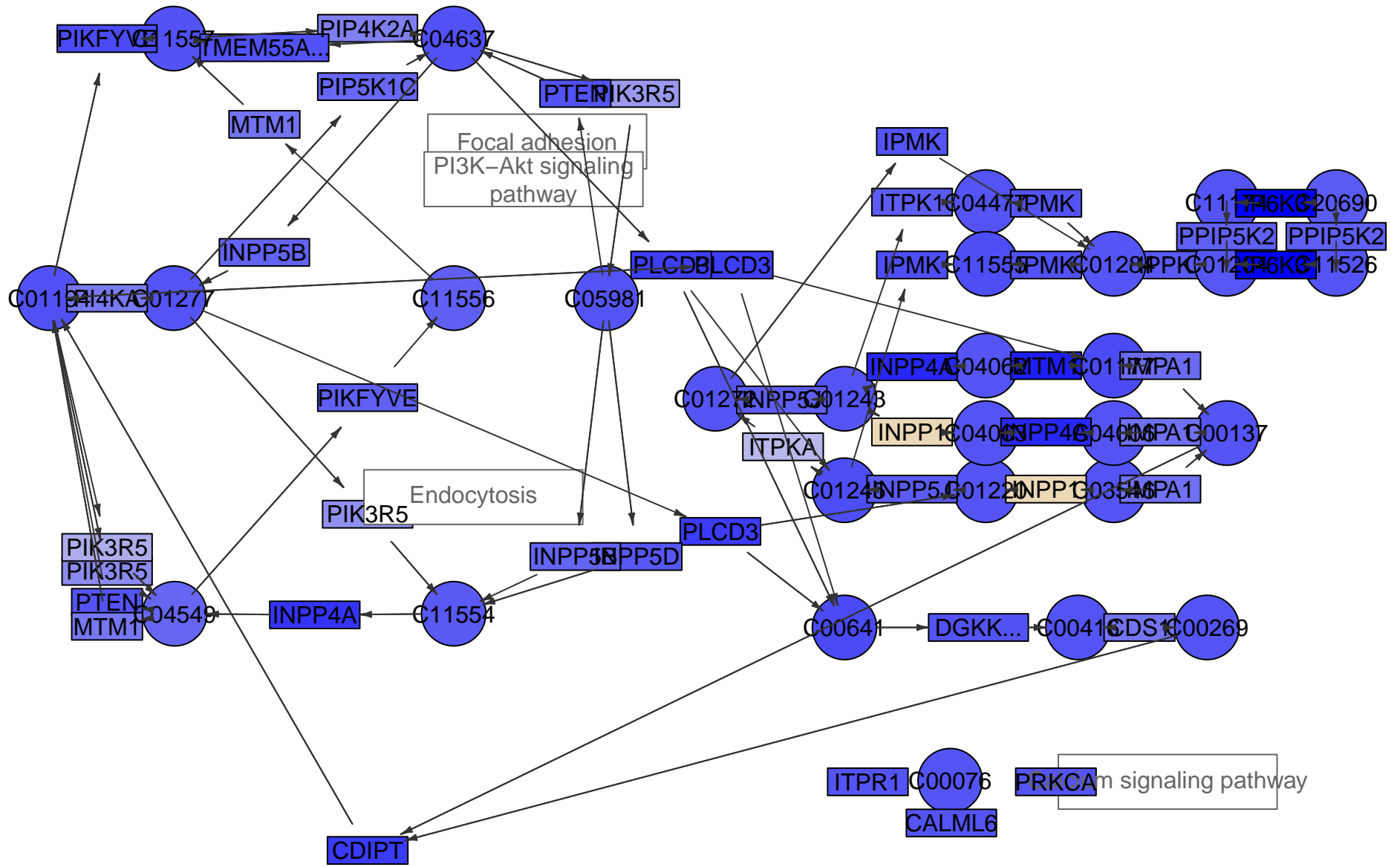




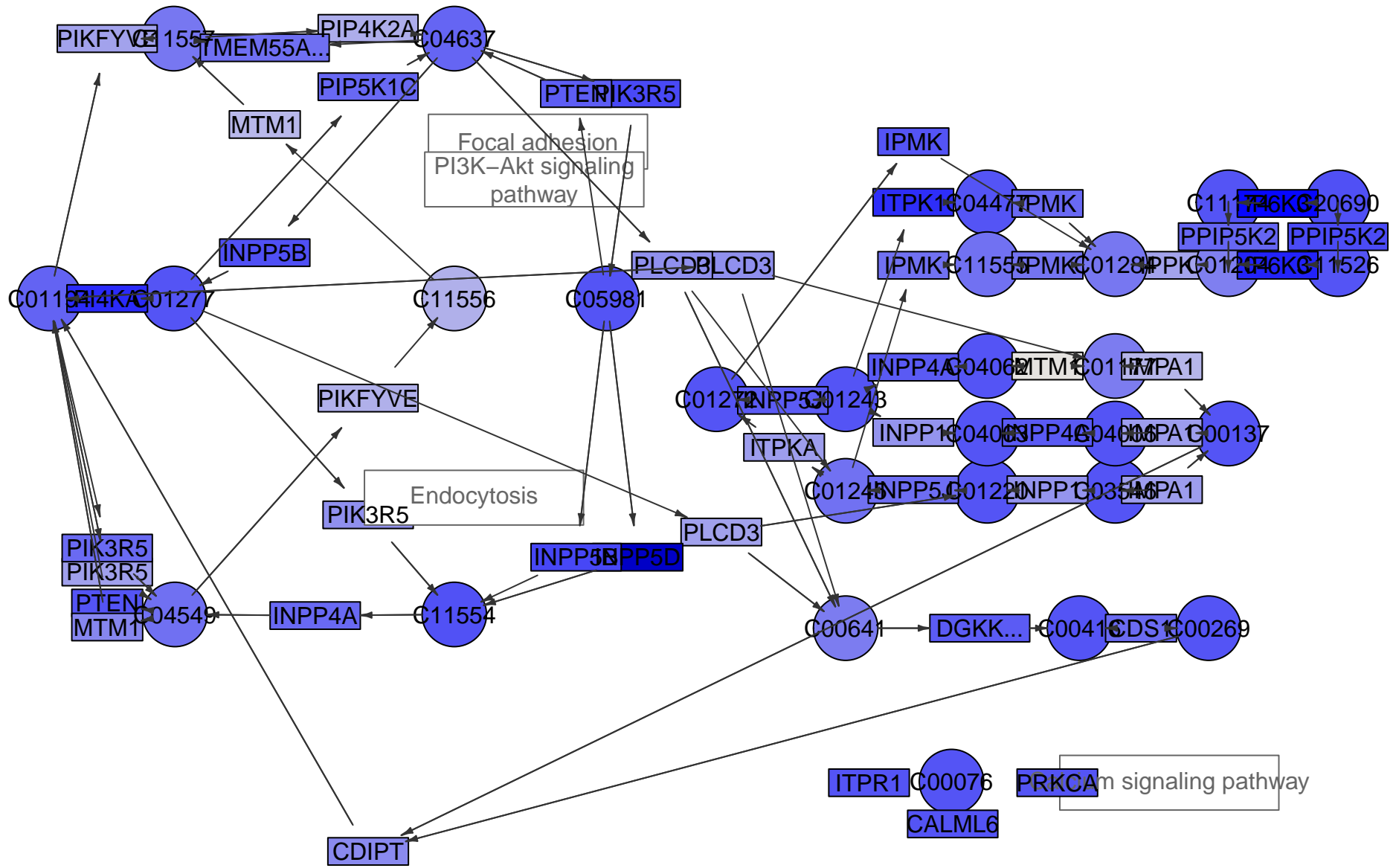


# Phosphatidylinositol signaling system

MPI-236

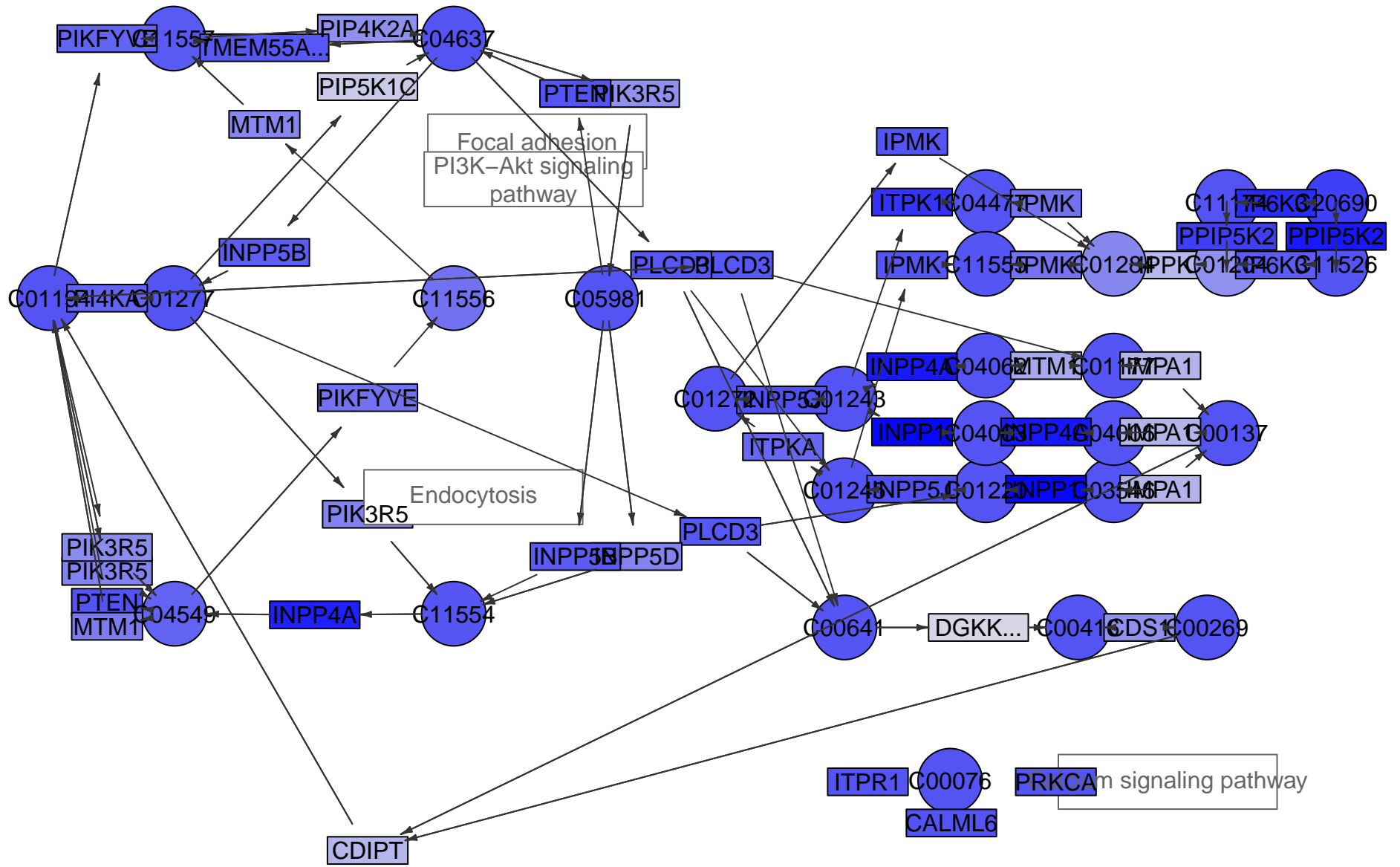


Phosphatidylinositol signaling system  
MPI-237



# Phosphatidylinositol signaling system

MPI-239

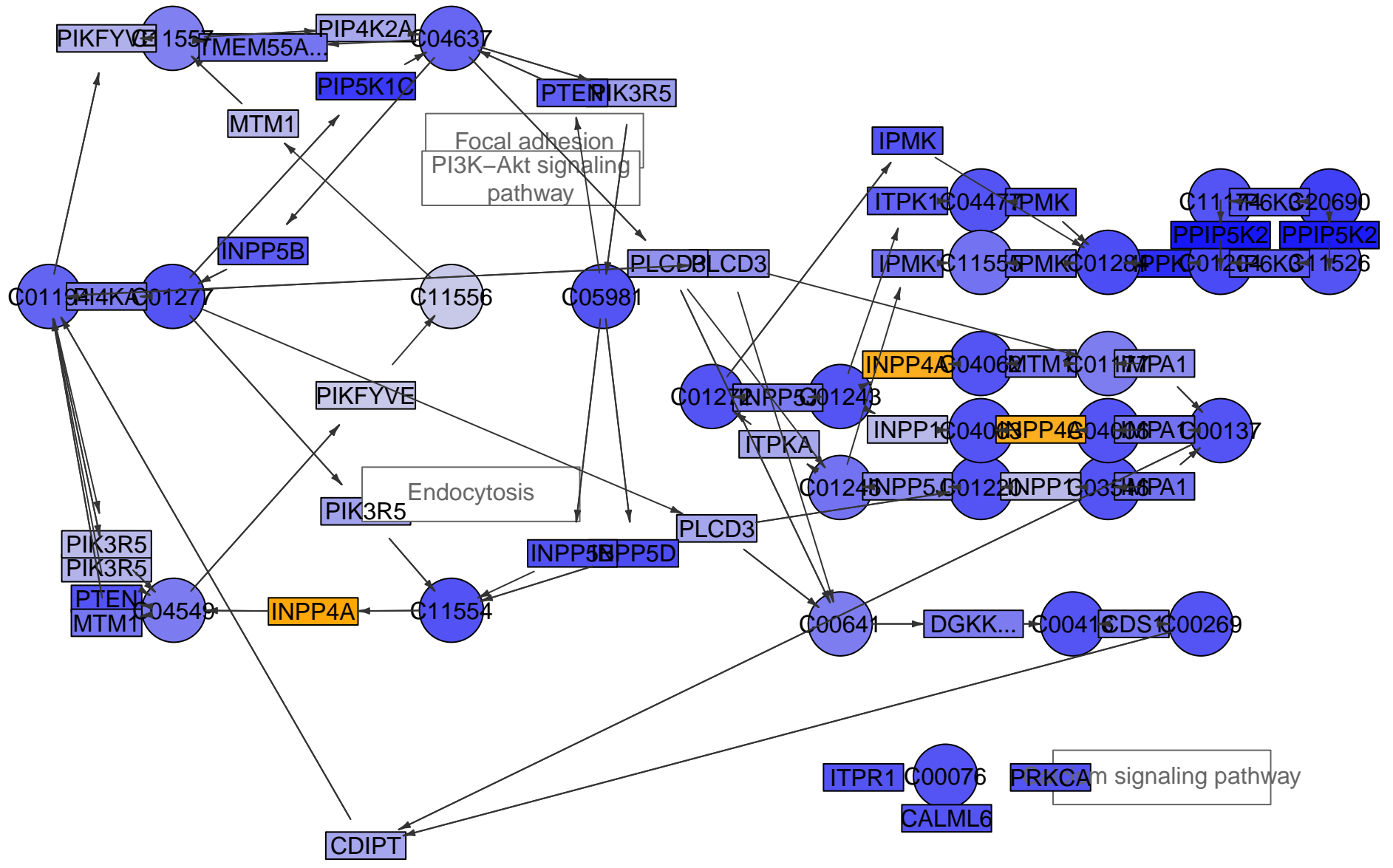






Phosphatidylinositol signaling system

MPI-243



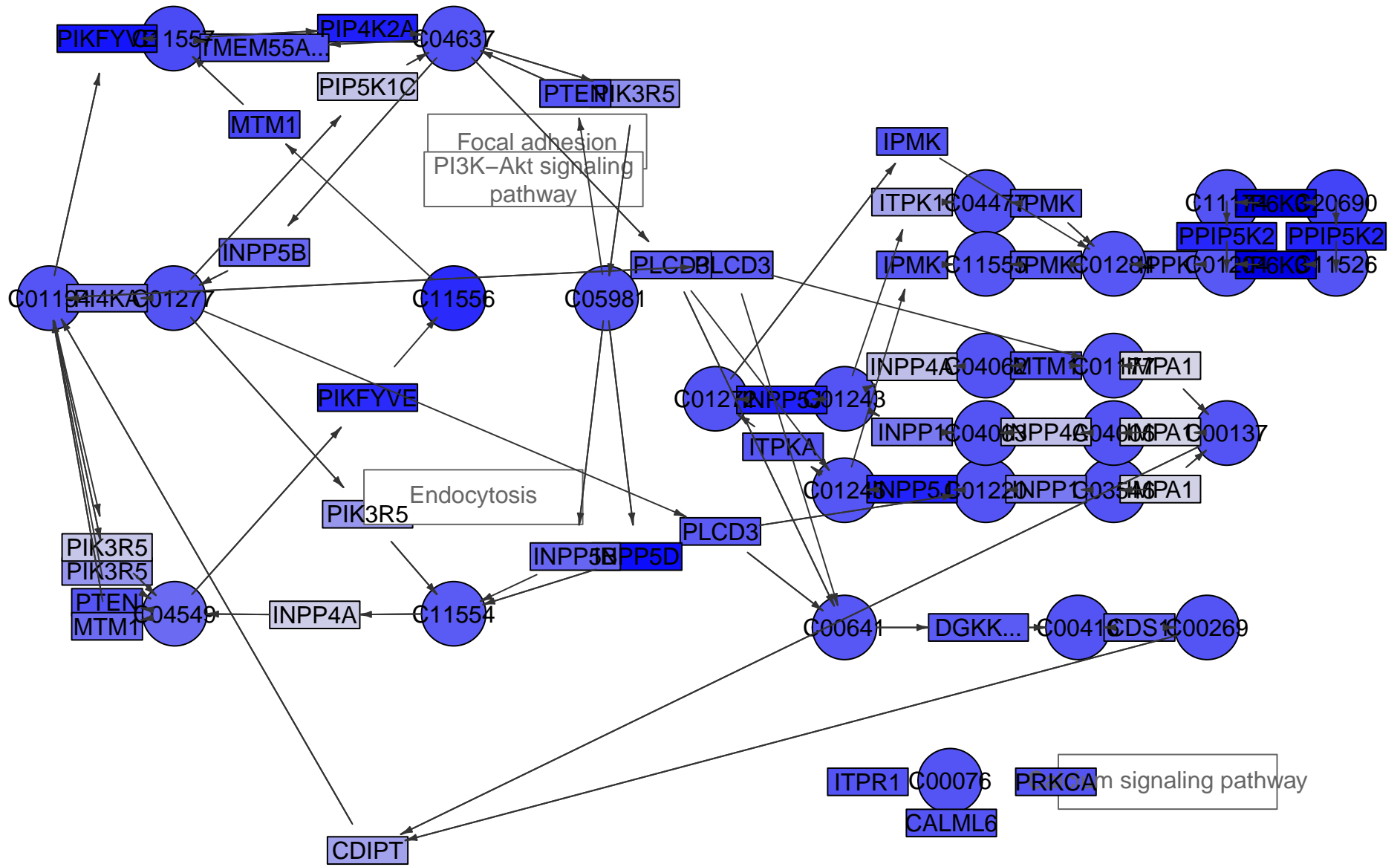
Focal adhesion PI3K-Akt signaling pathway

Endocytosis

Calcium signaling pathway

# Phosphatidylinositol signaling system

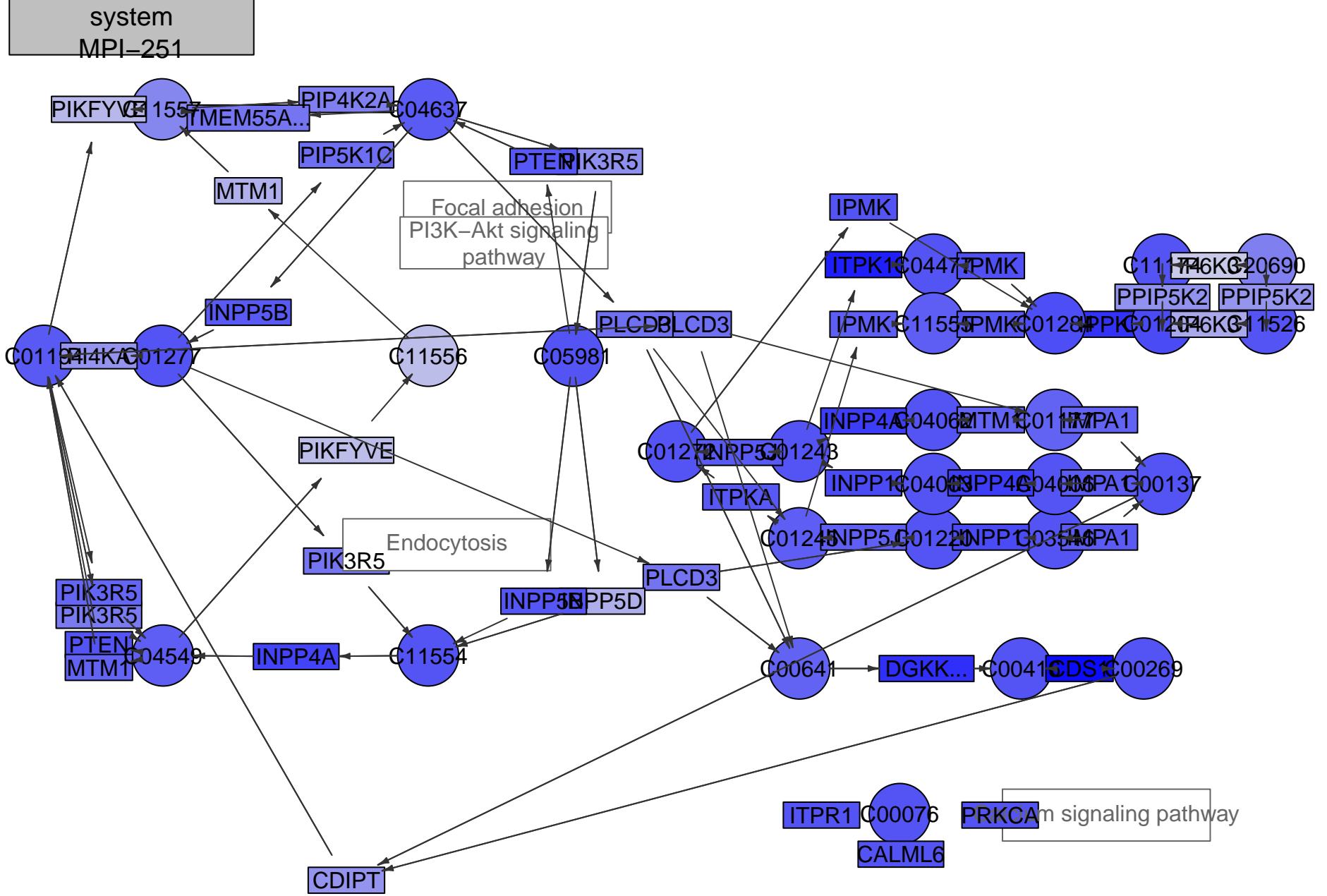
MPI-244





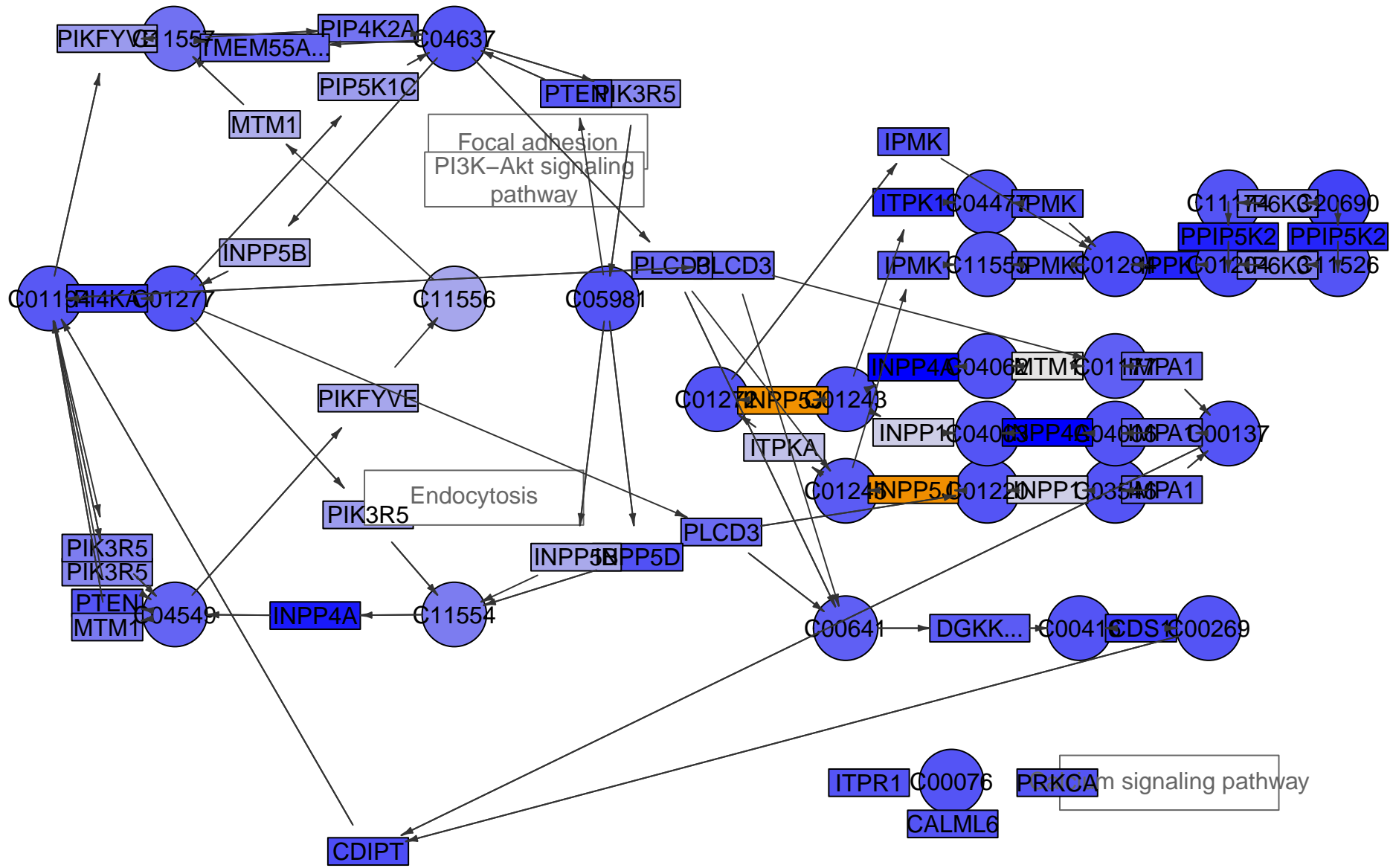


# Phosphatidylinositol signaling system



Phosphatidylinositol signaling system

MPI-255



# Phosphatidylinositol signaling system

system

MPI-223b

