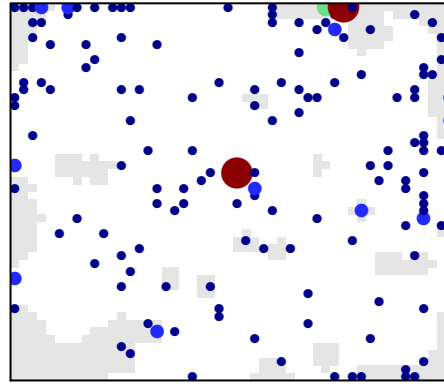


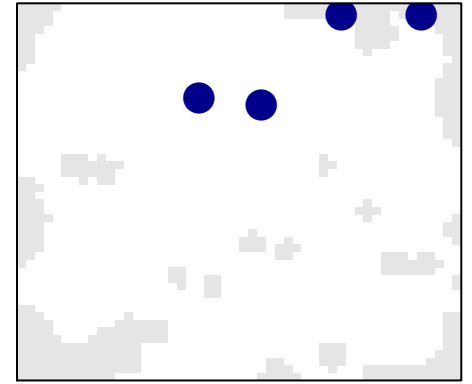
# Oocyte meiosis

all genes

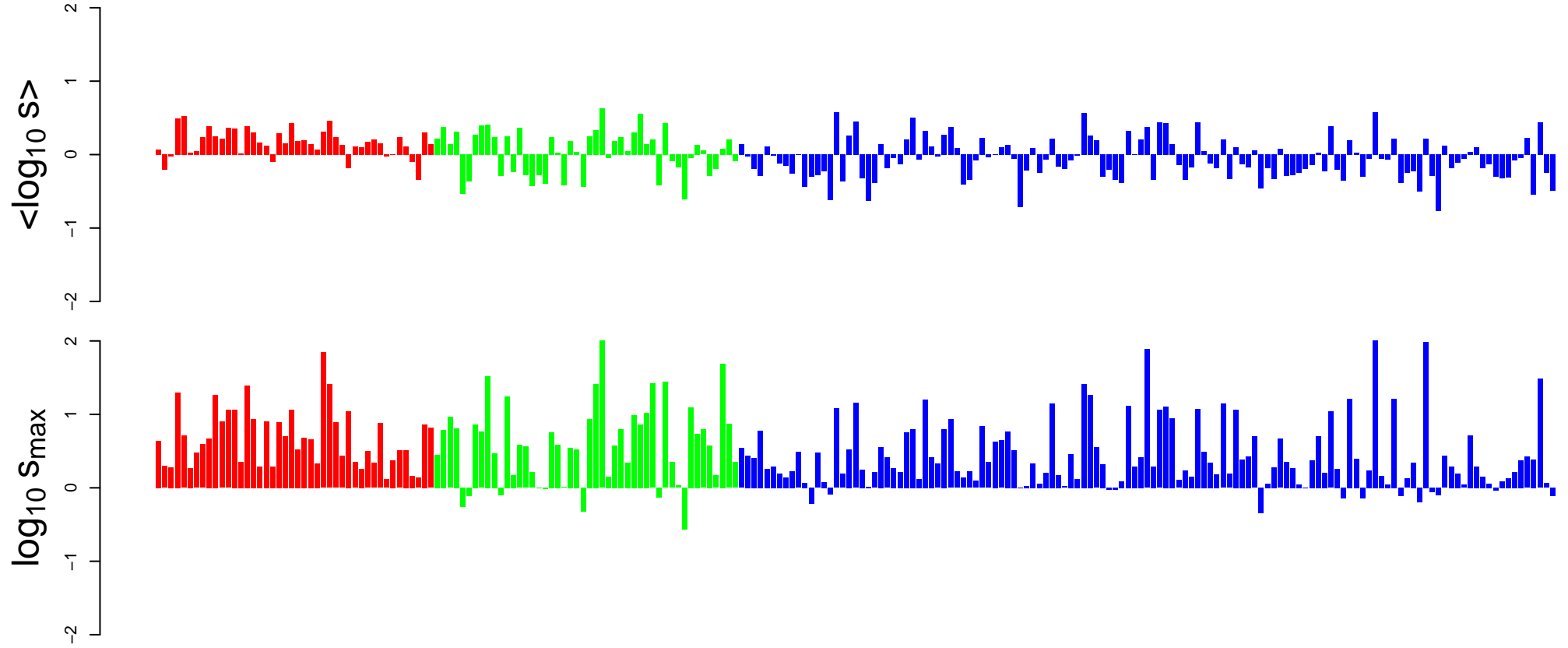


maximum = 6

sink node genes



maximum = 1

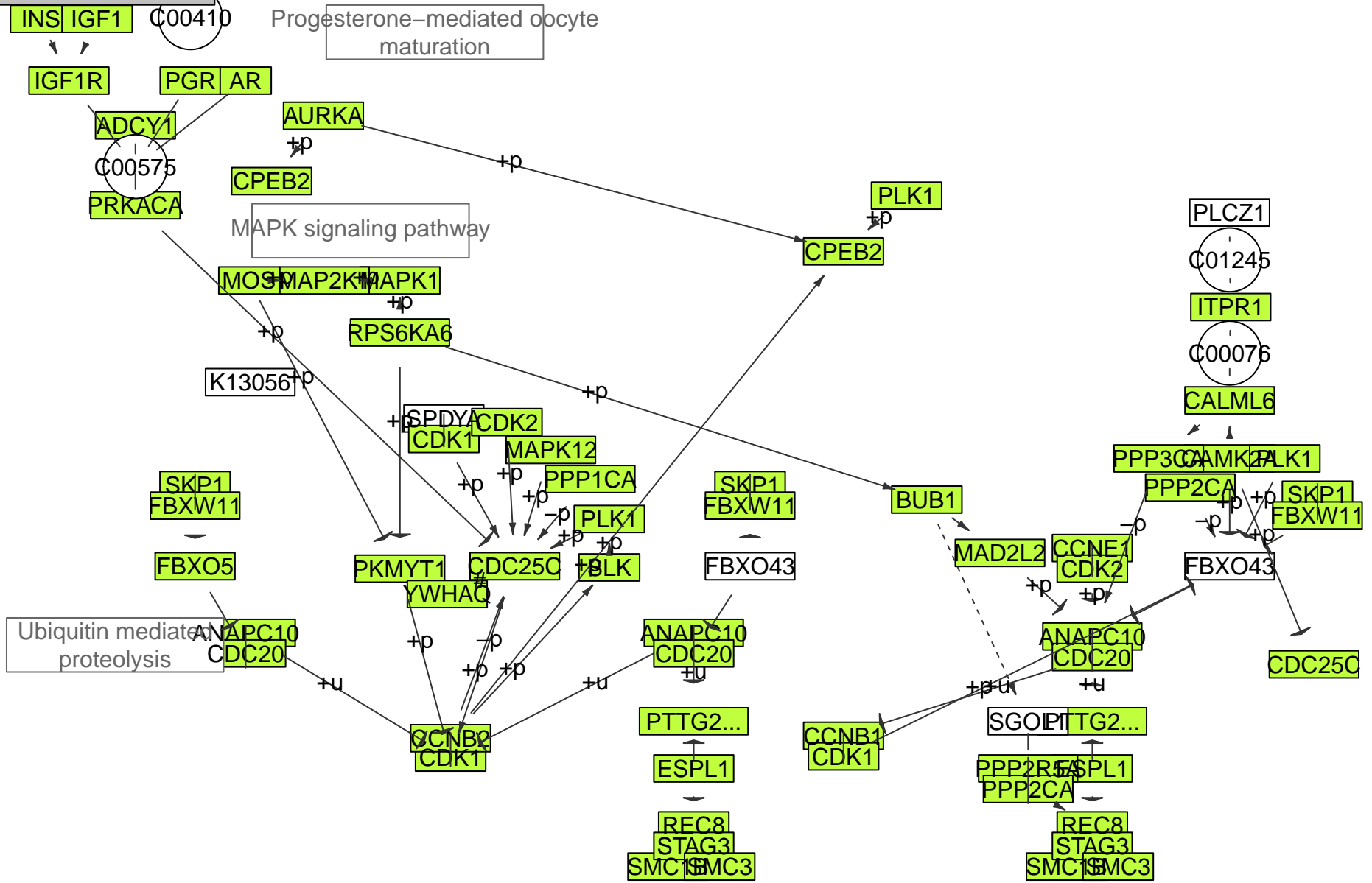


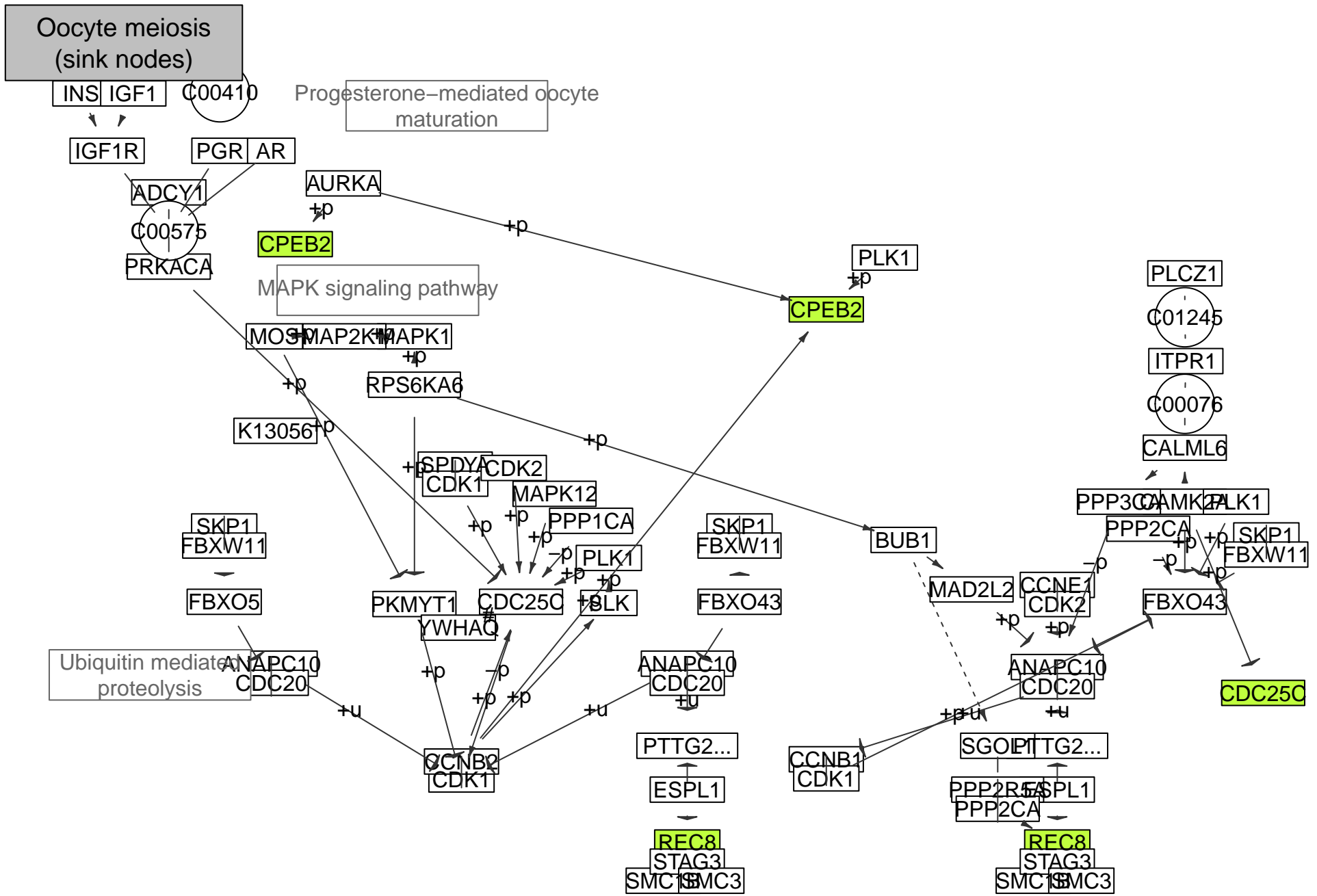
Oocyte meiosis  
(genes with data)

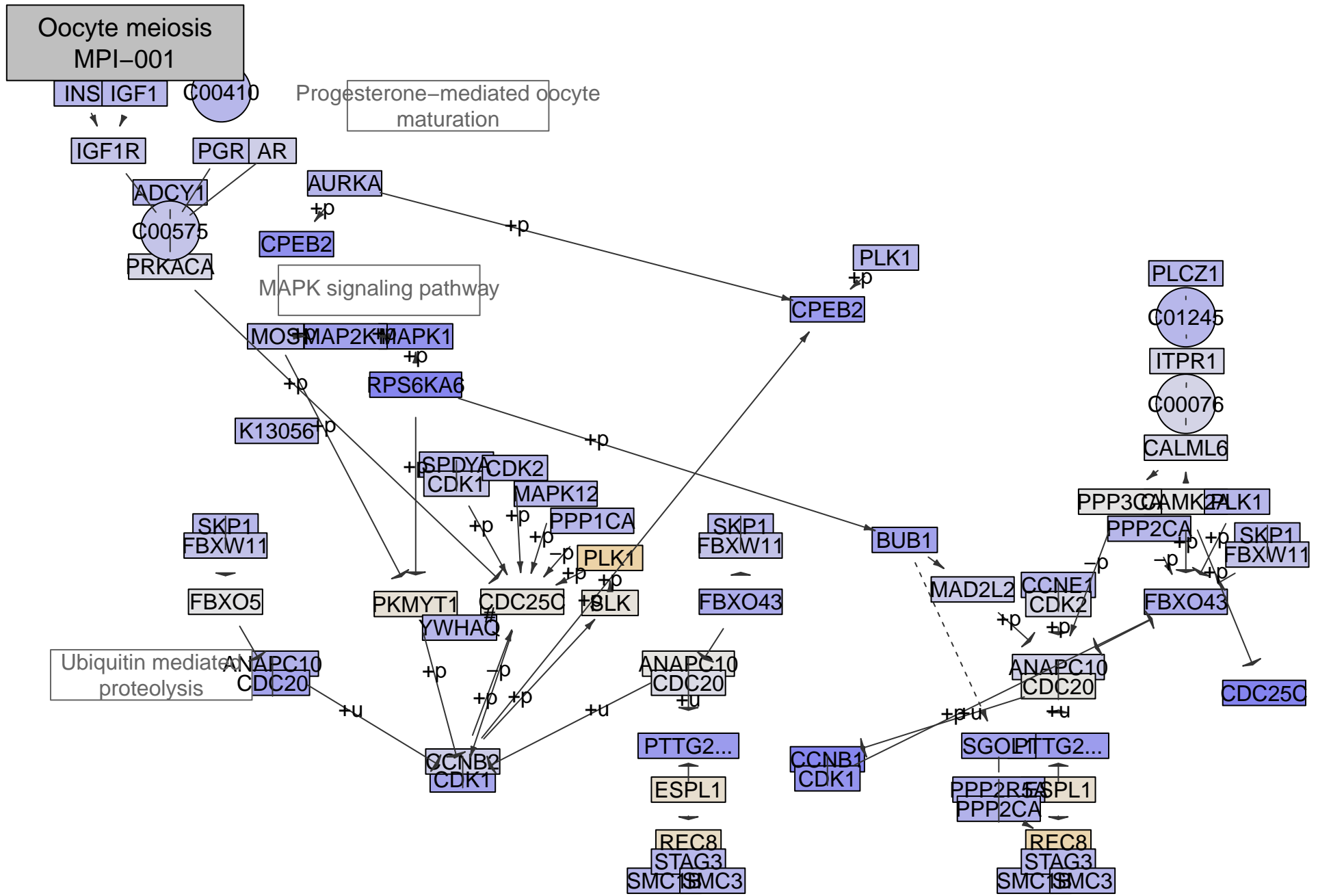
Progesterone-mediated oocyte maturation

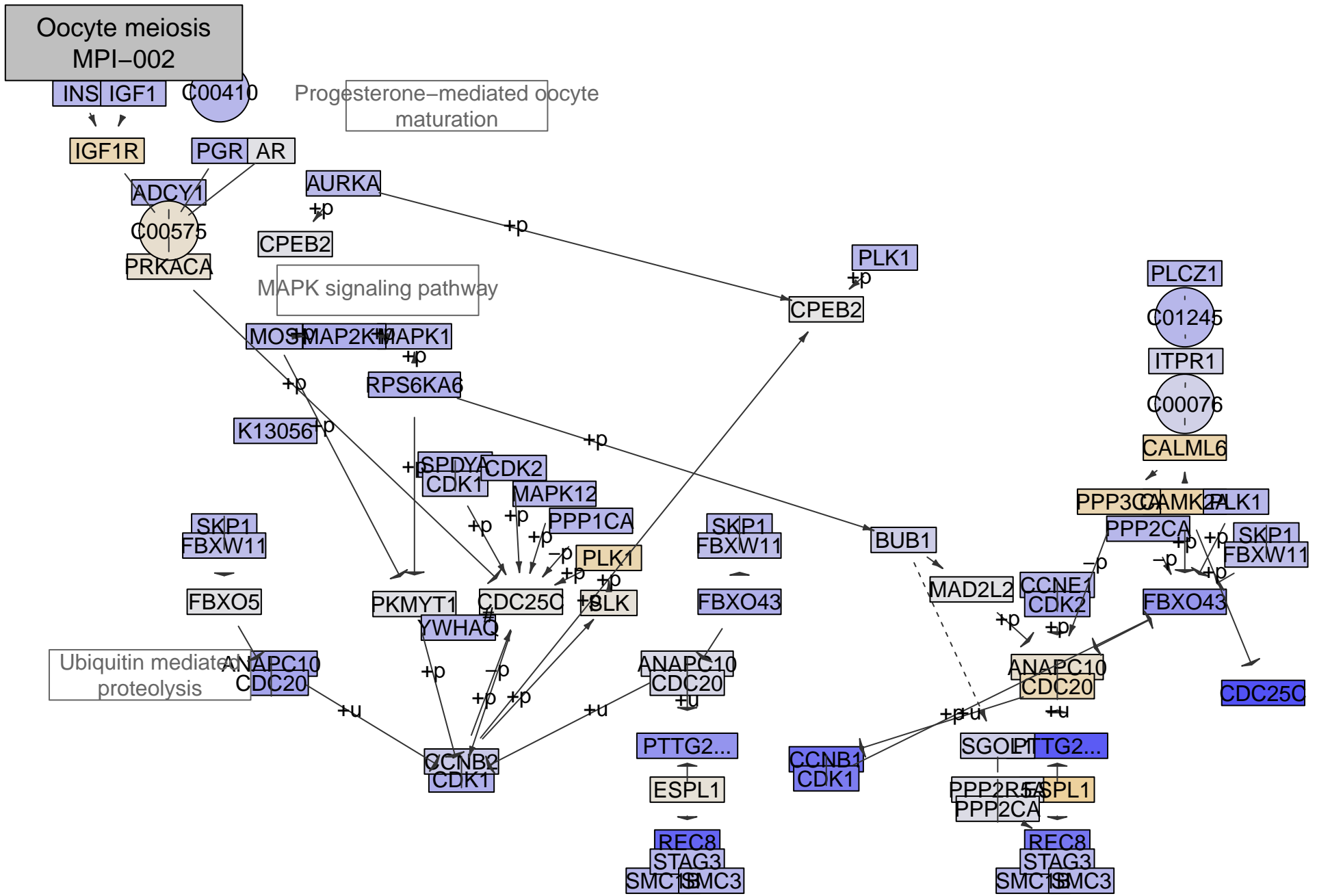
MAPK signaling pathway

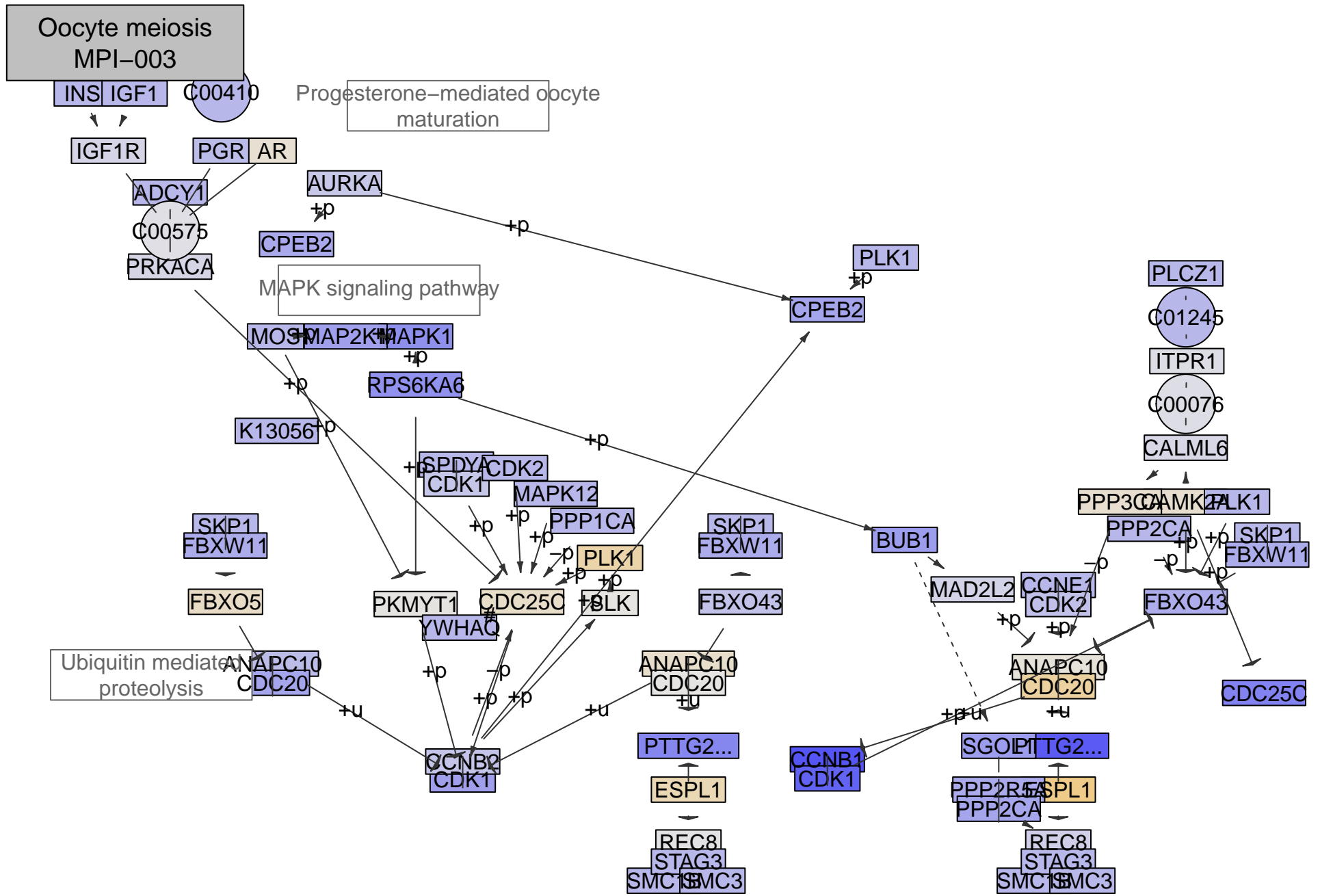
Ubiquitin mediated proteolysis

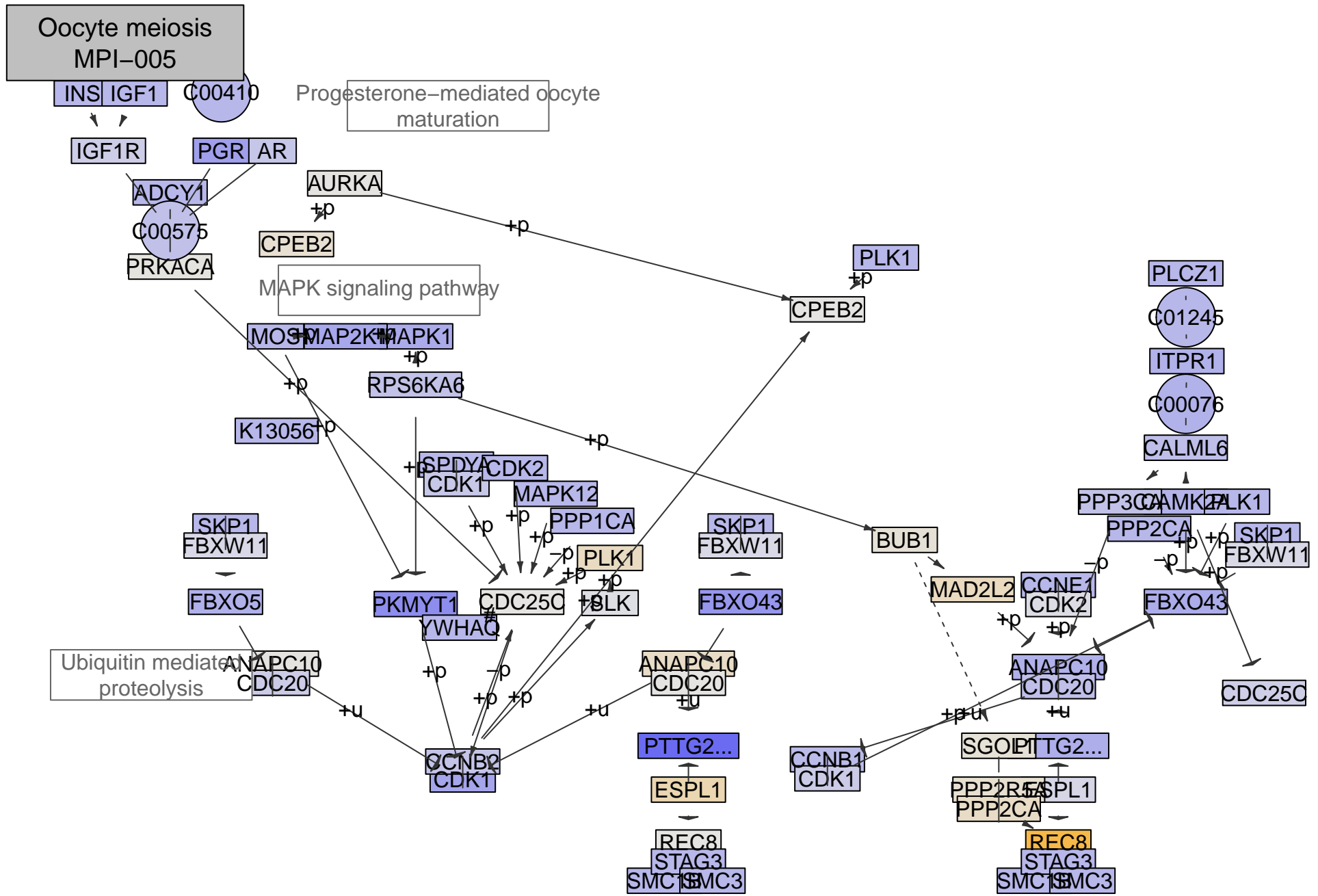


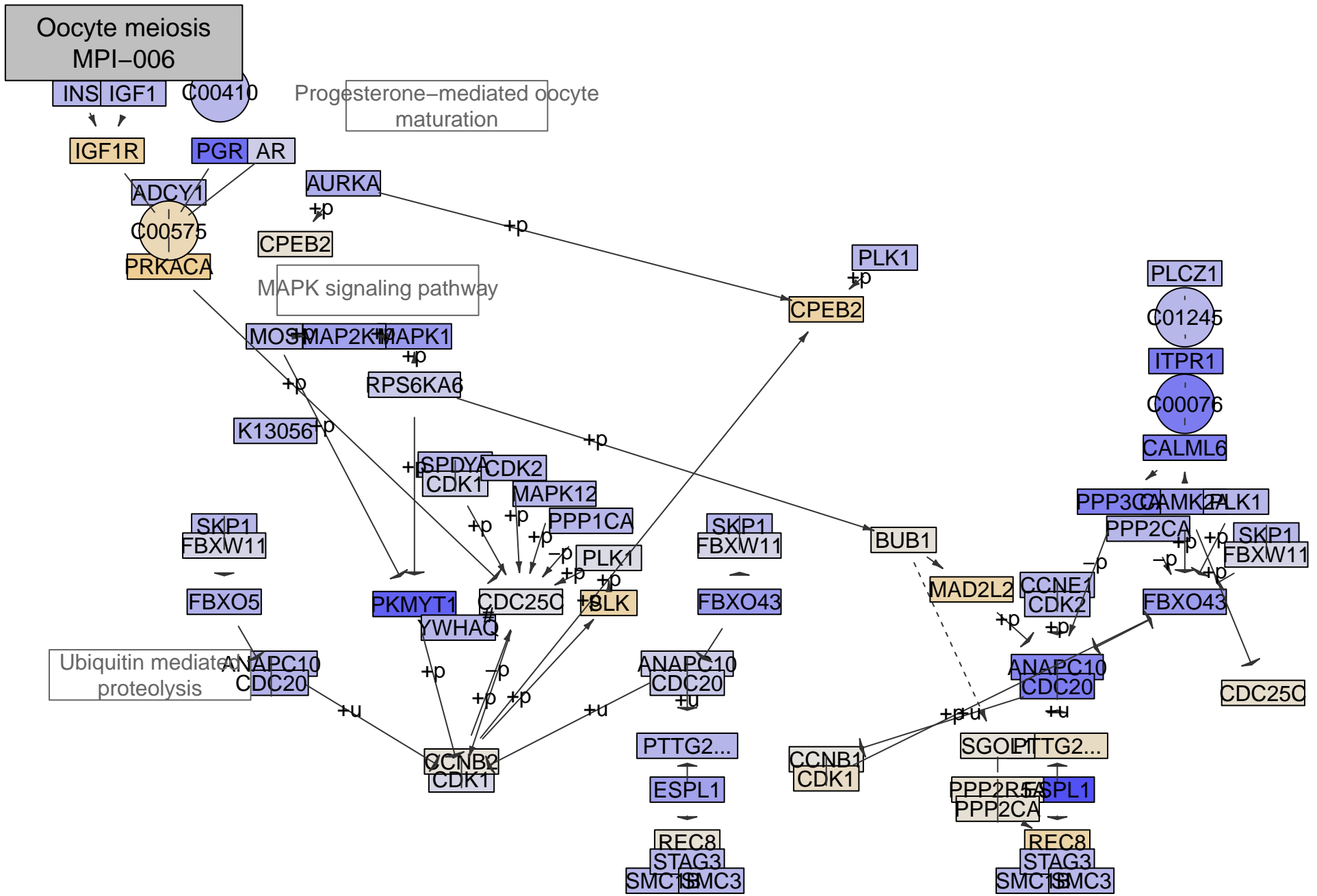




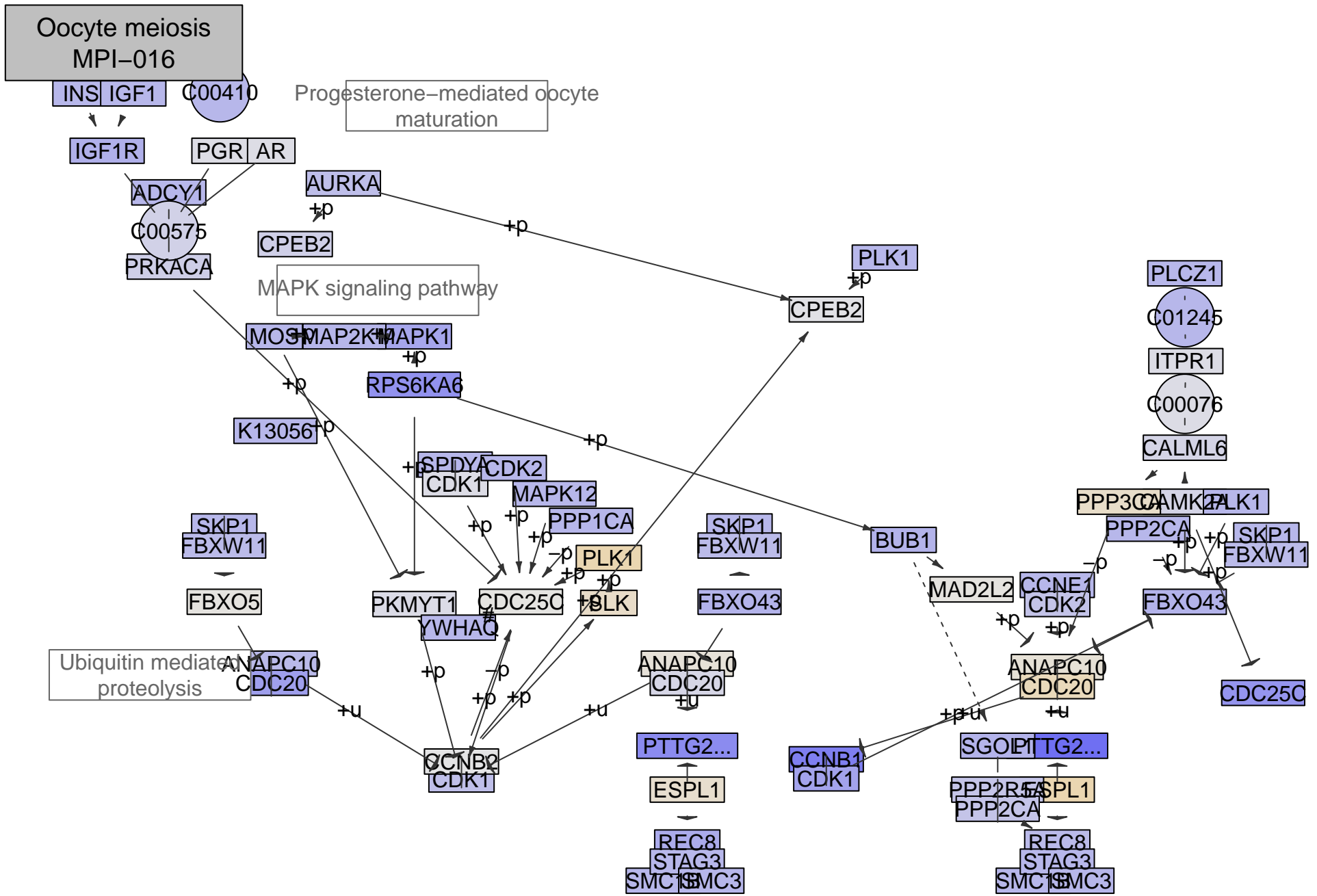


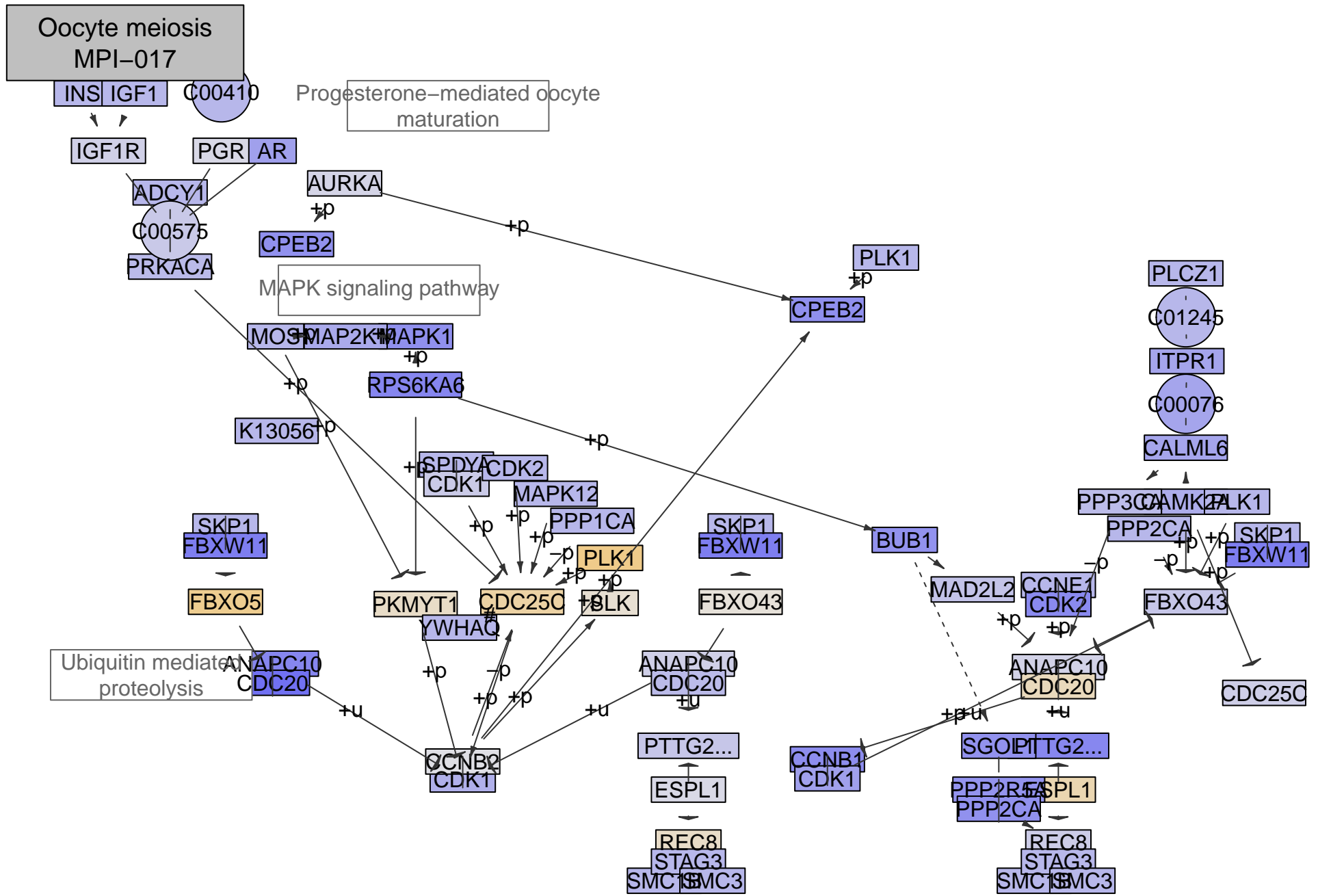


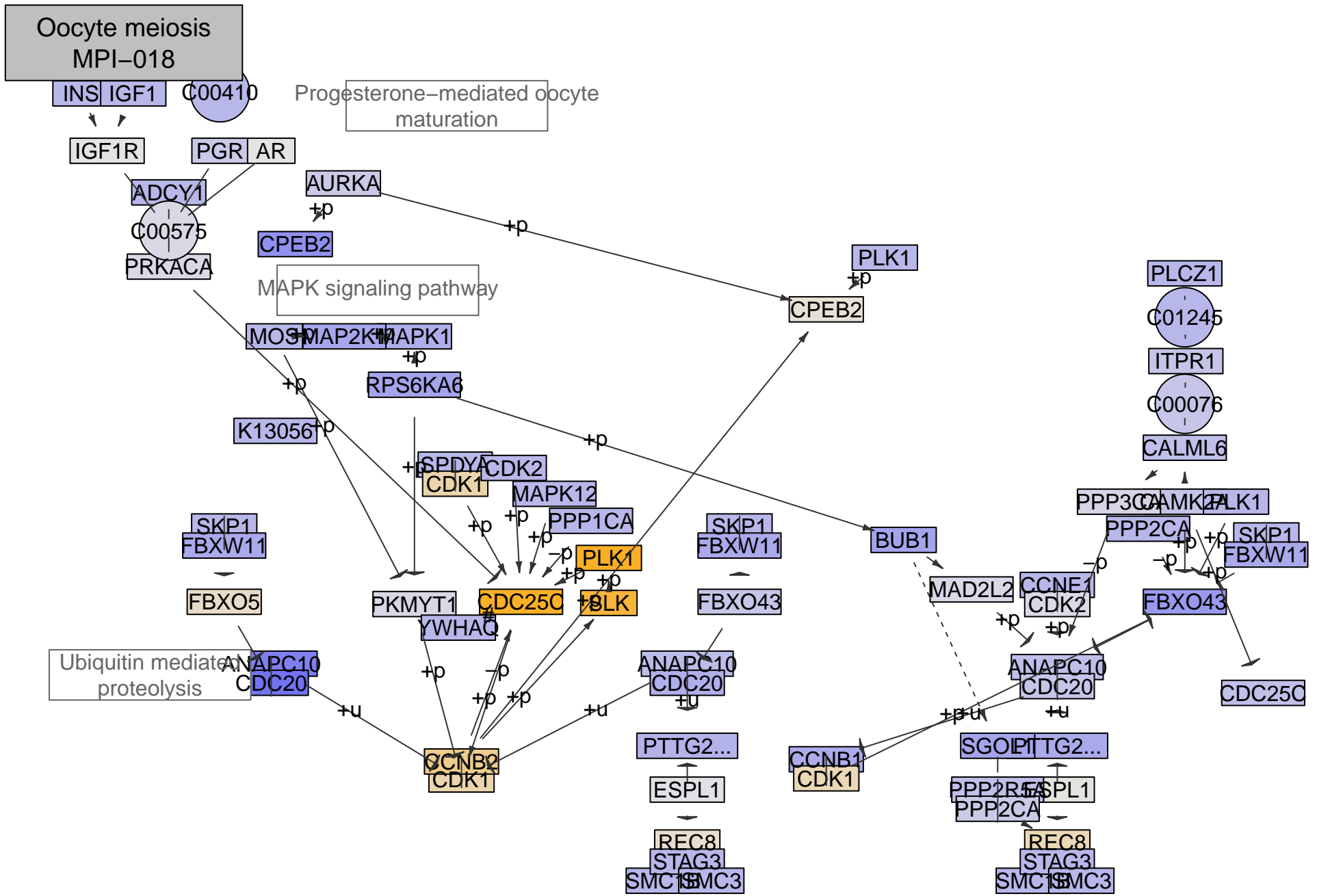


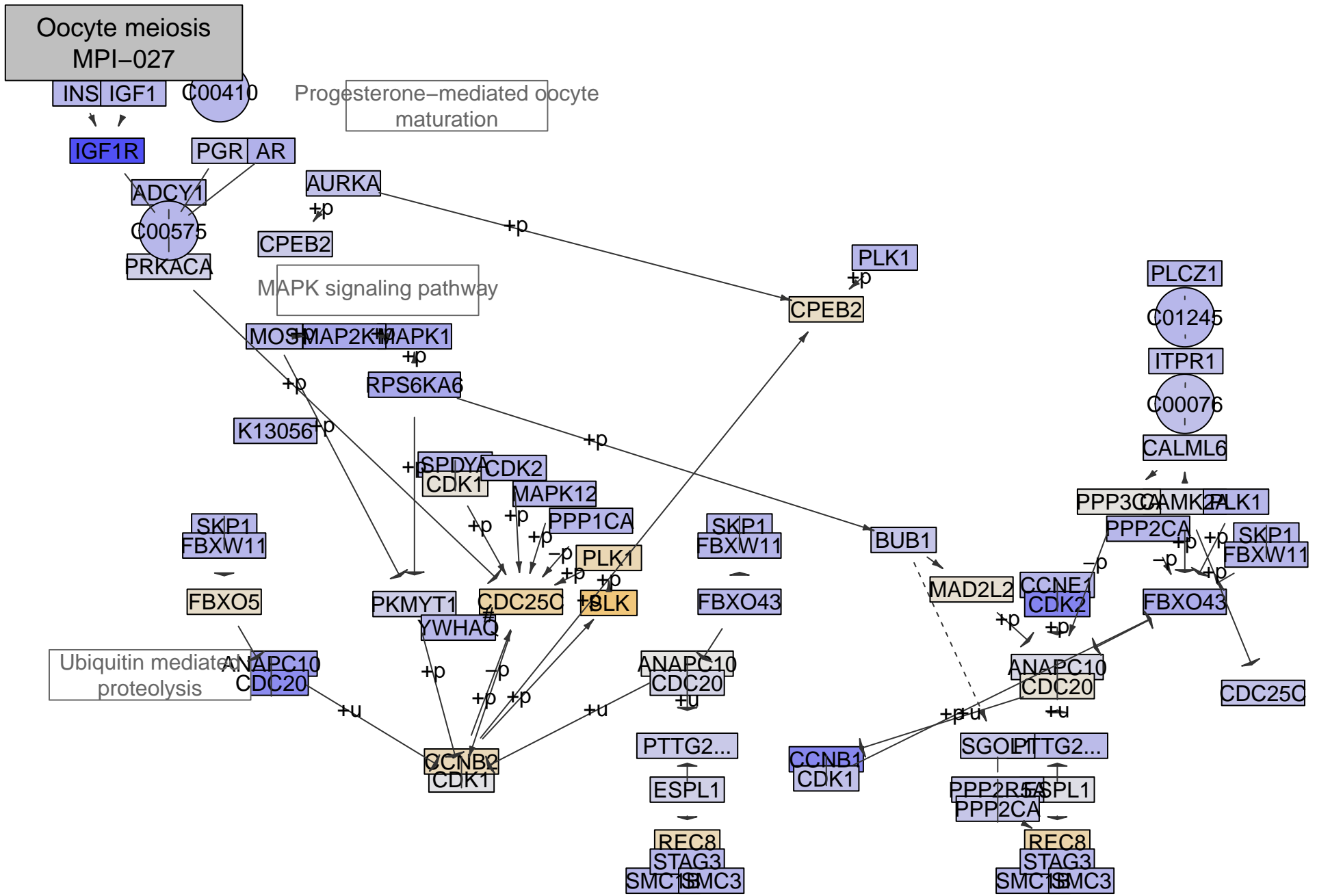


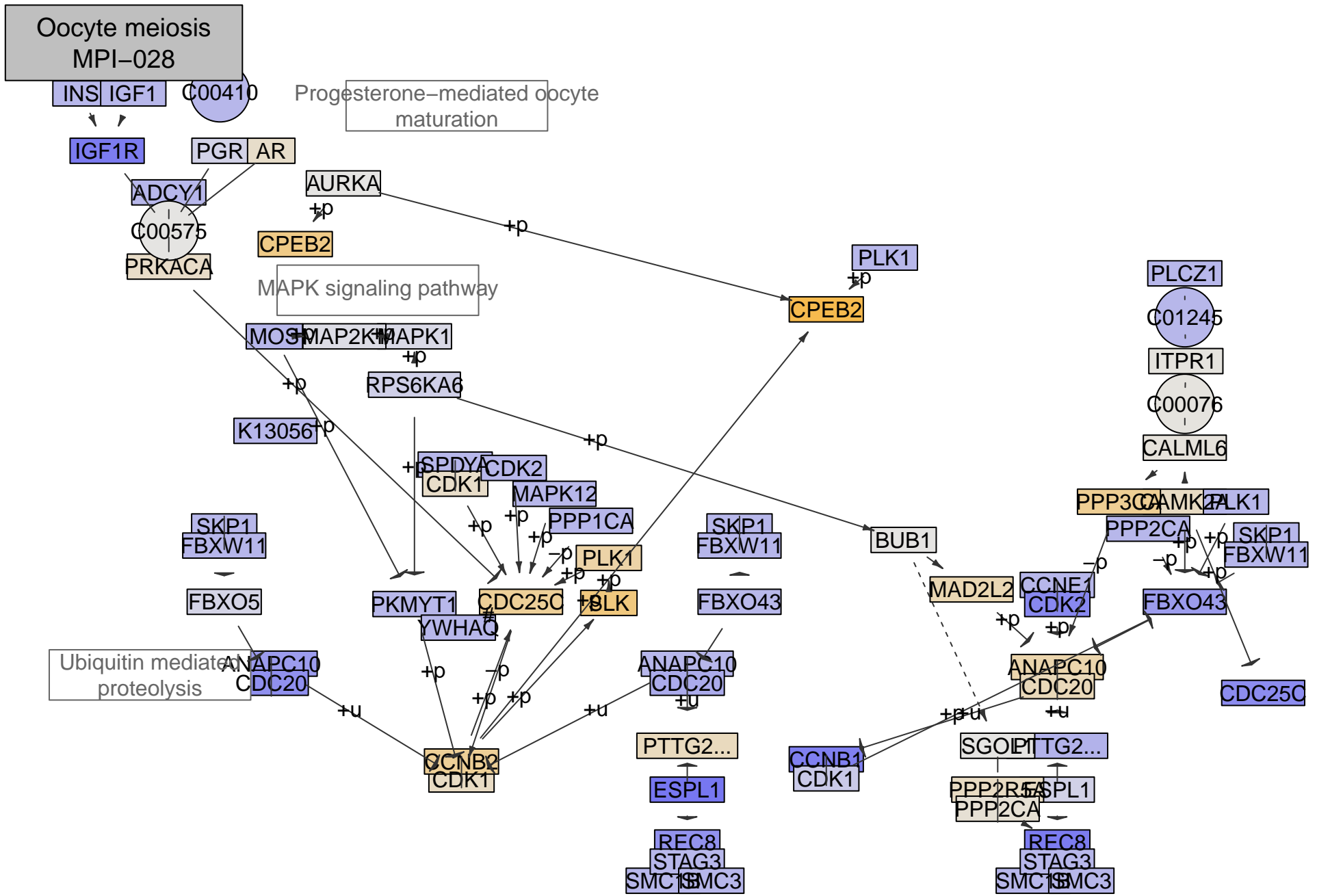


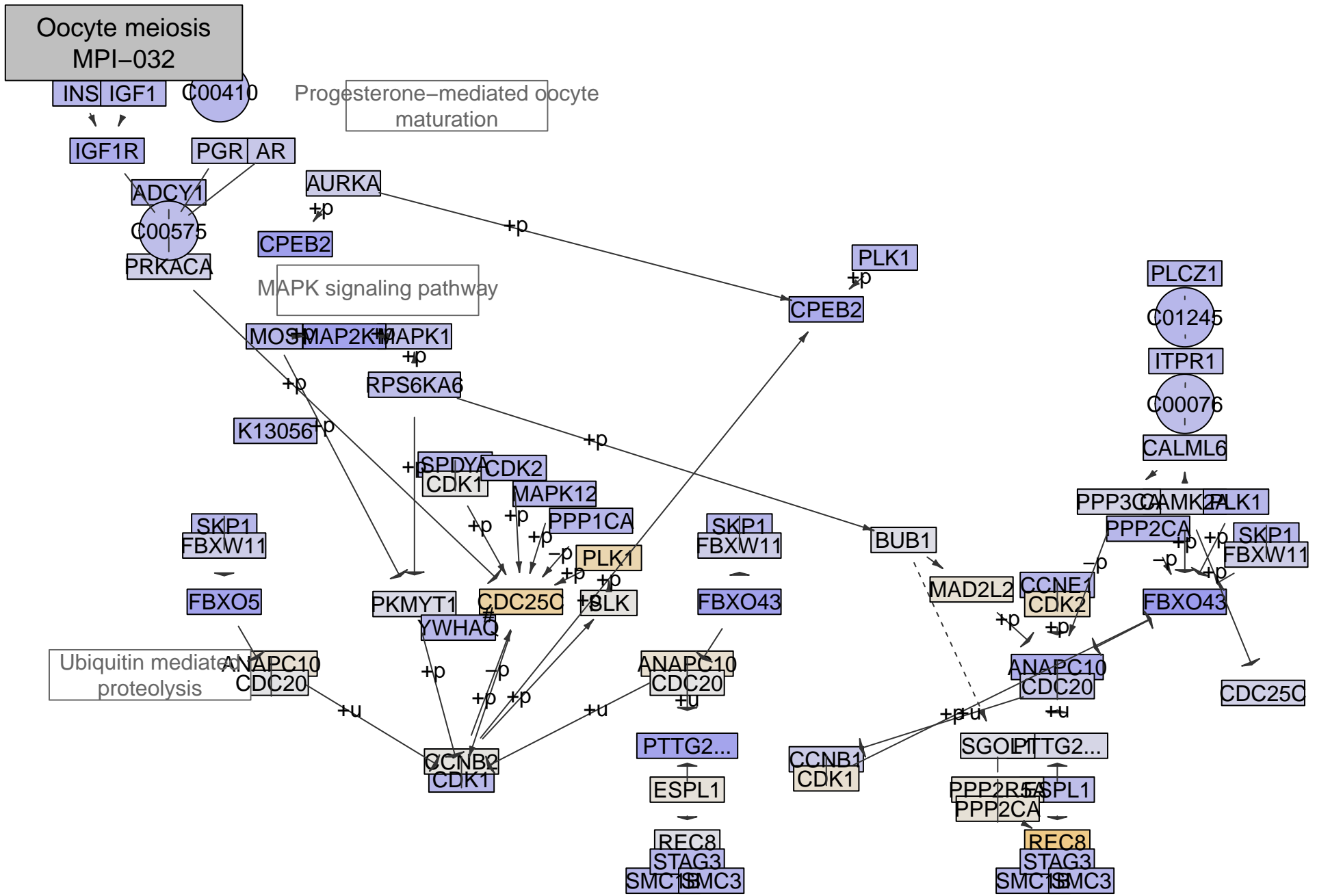


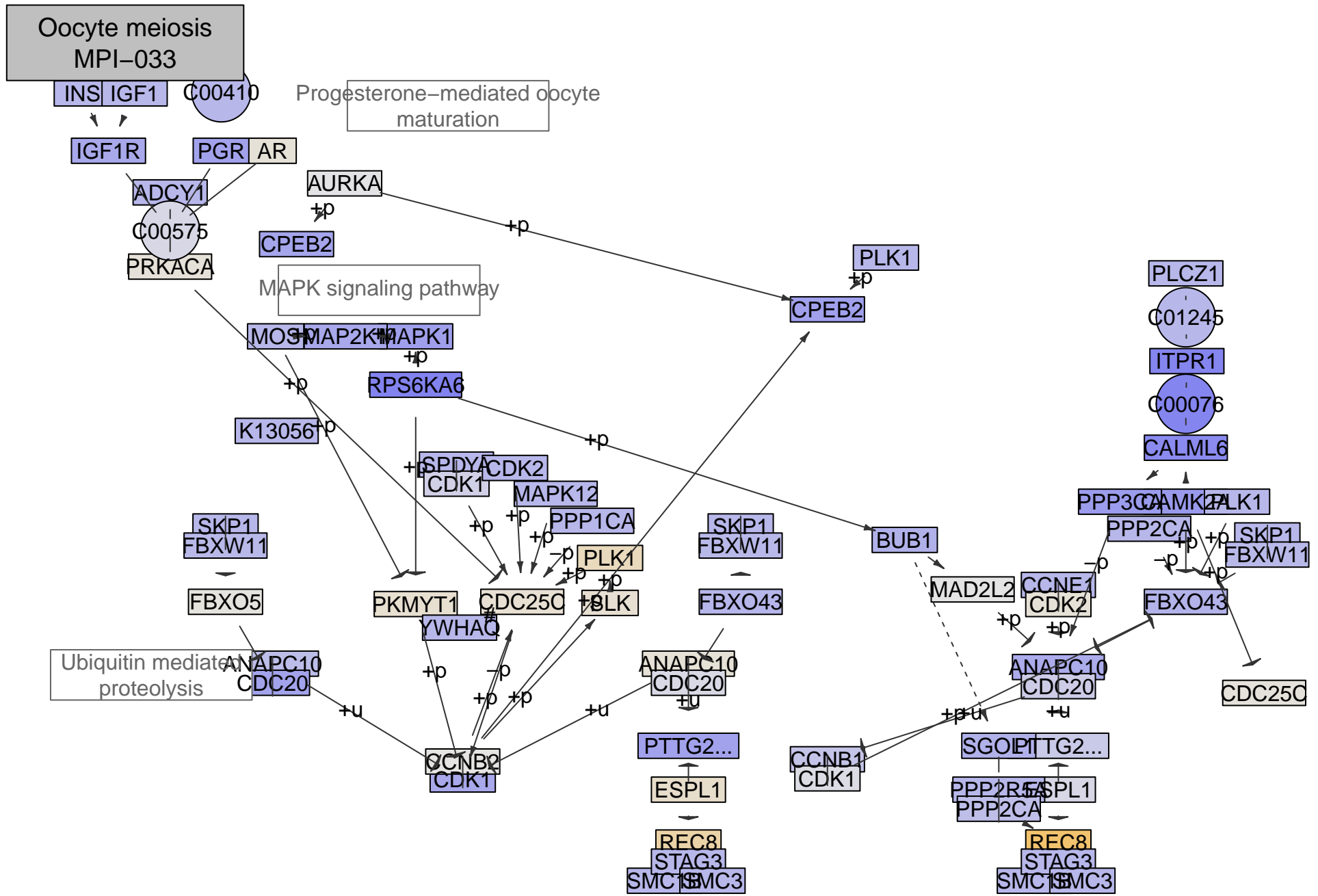


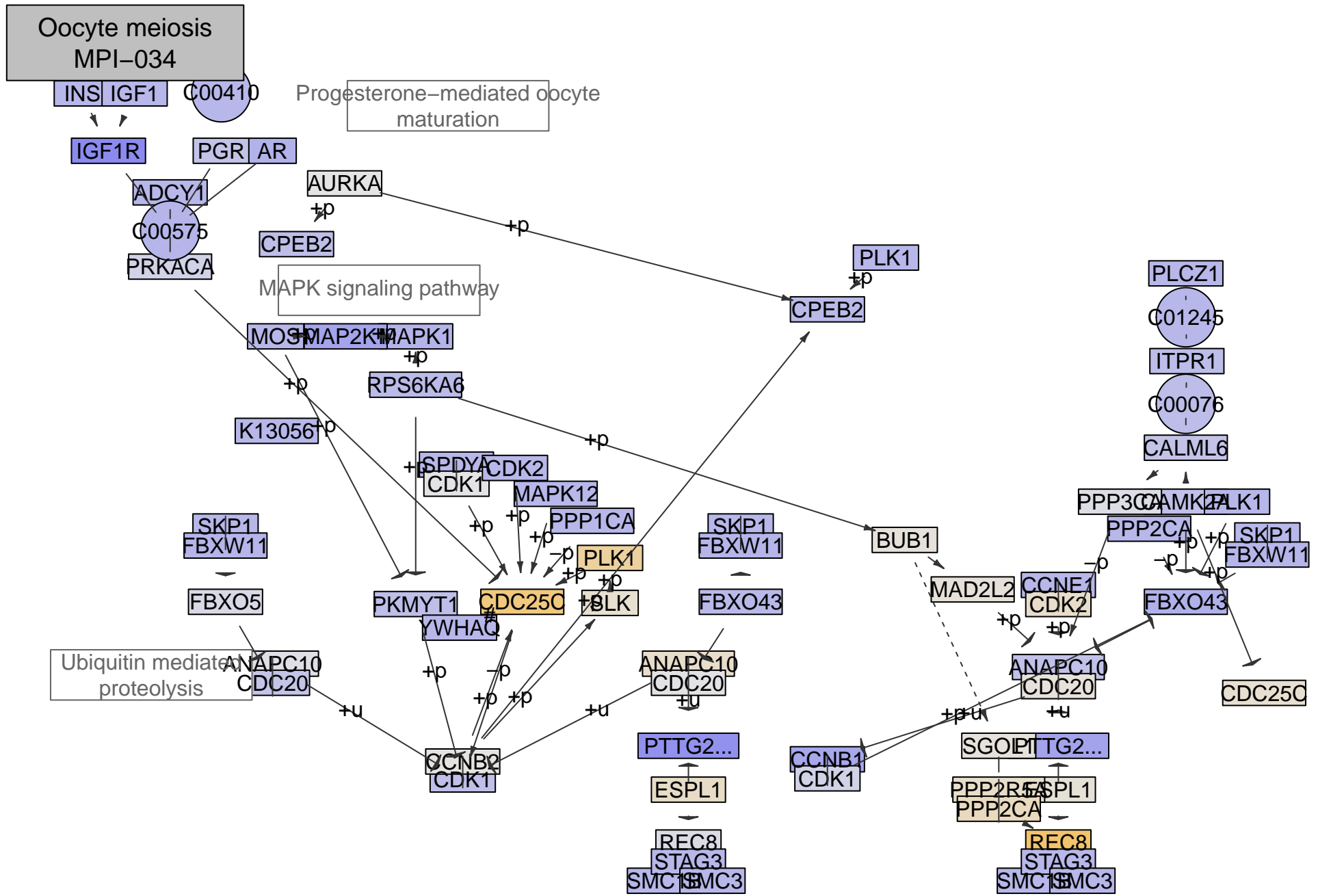




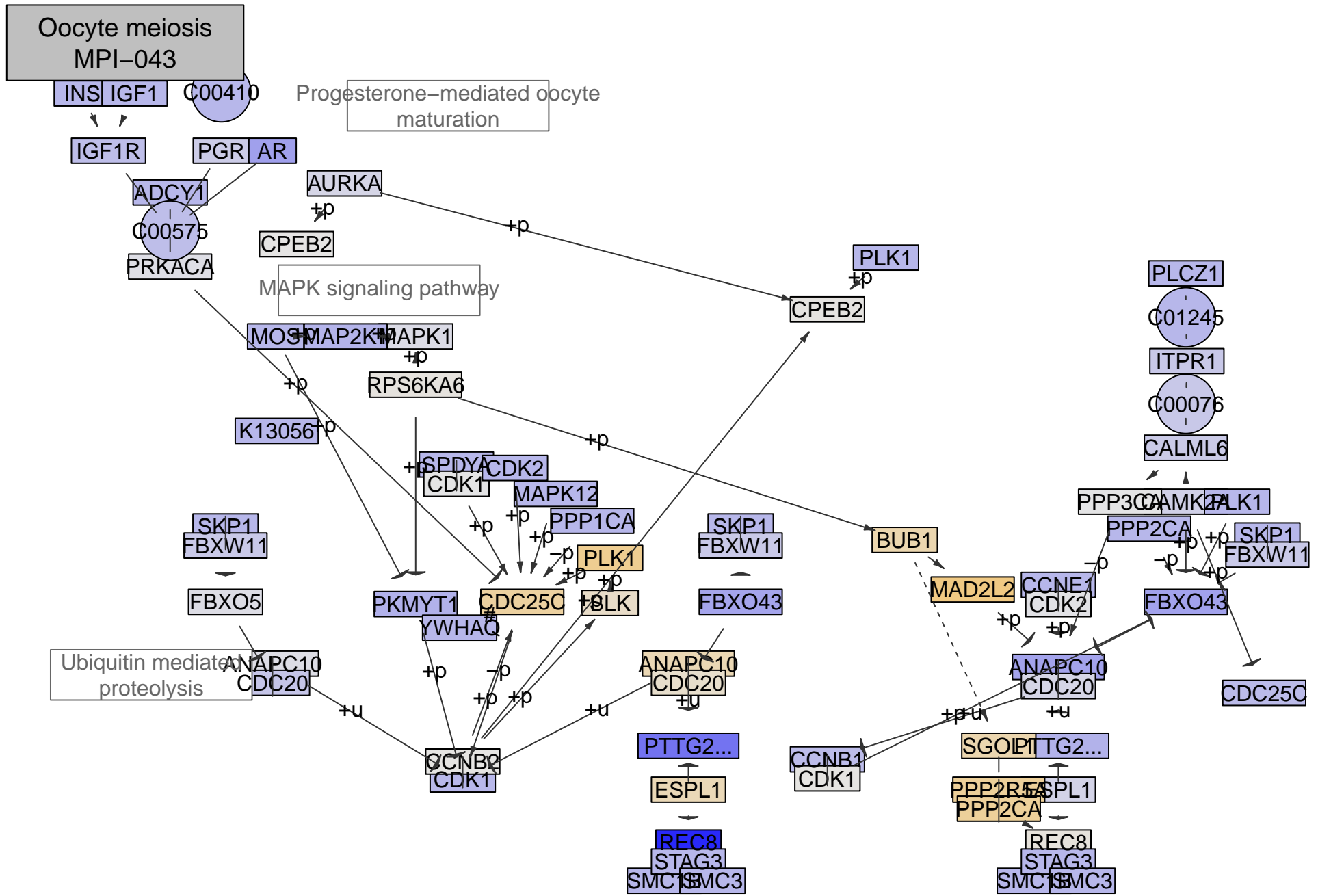


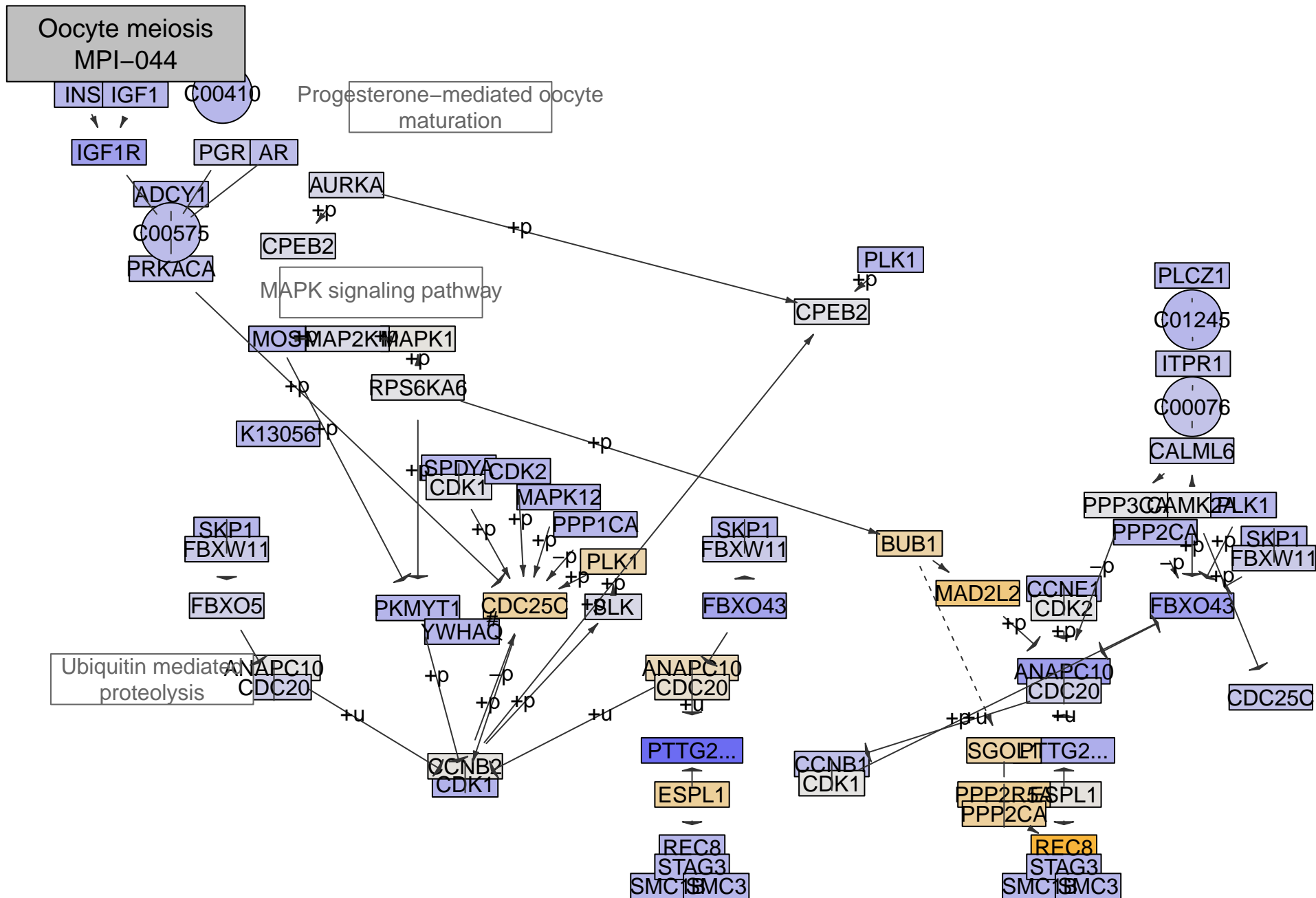


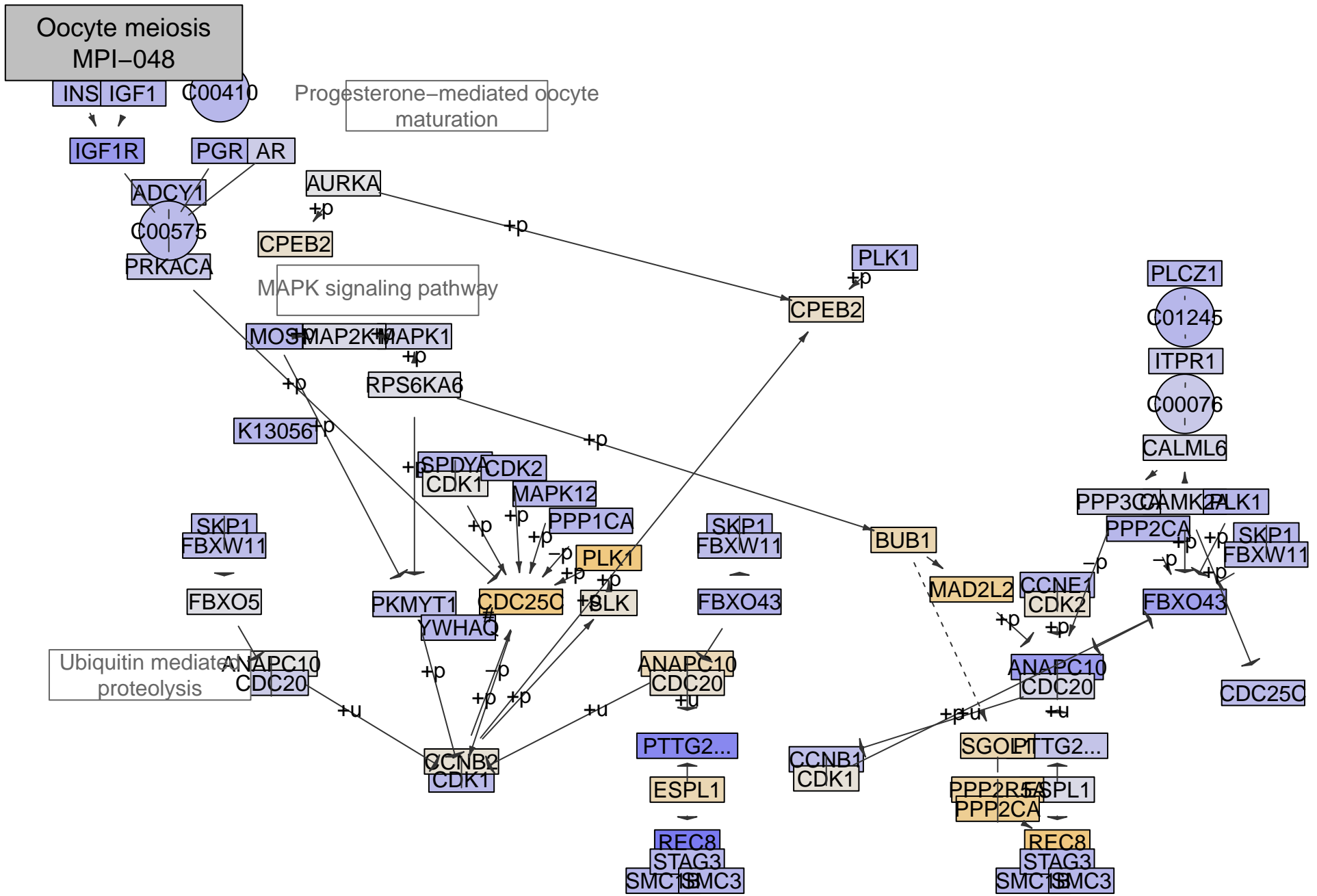


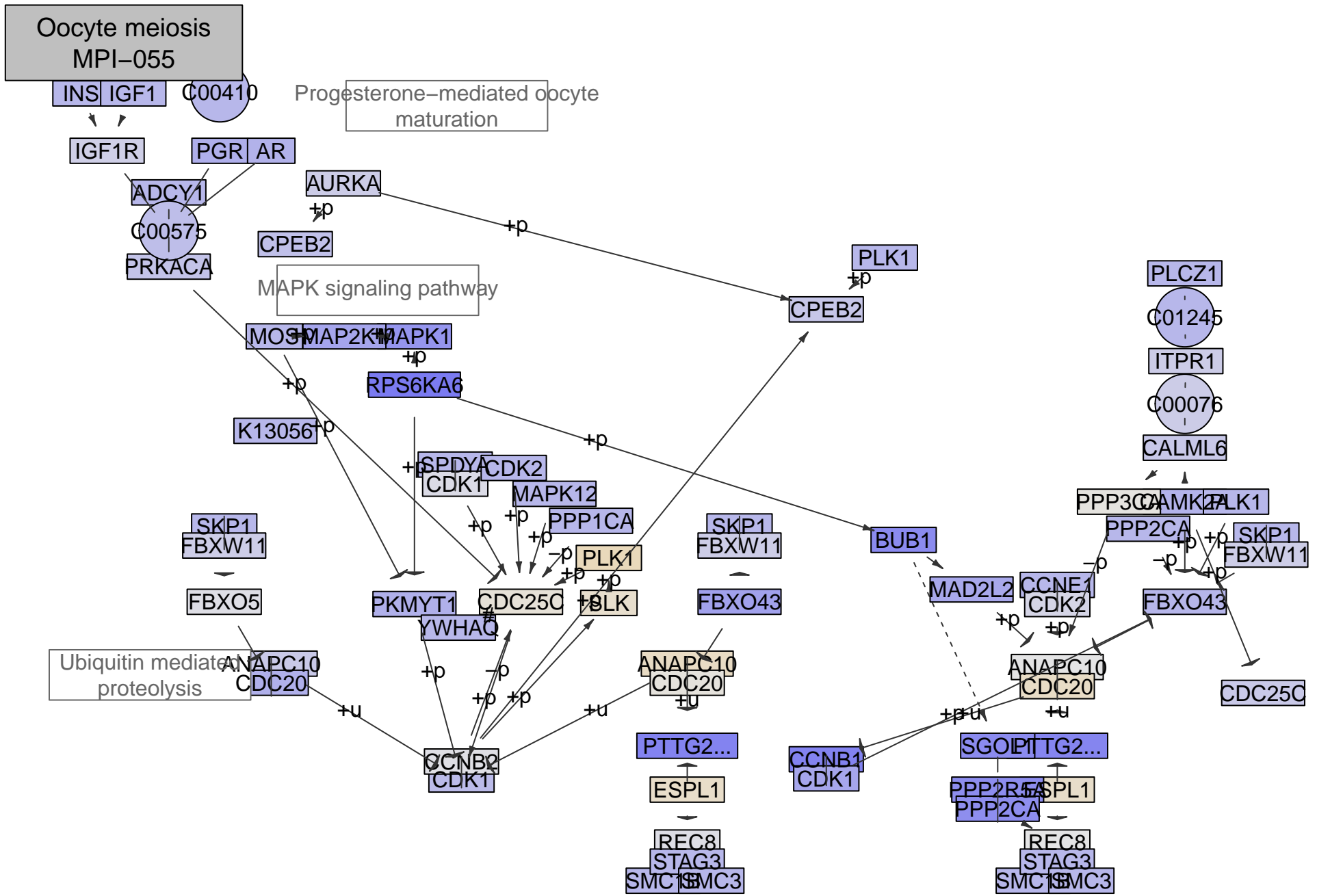










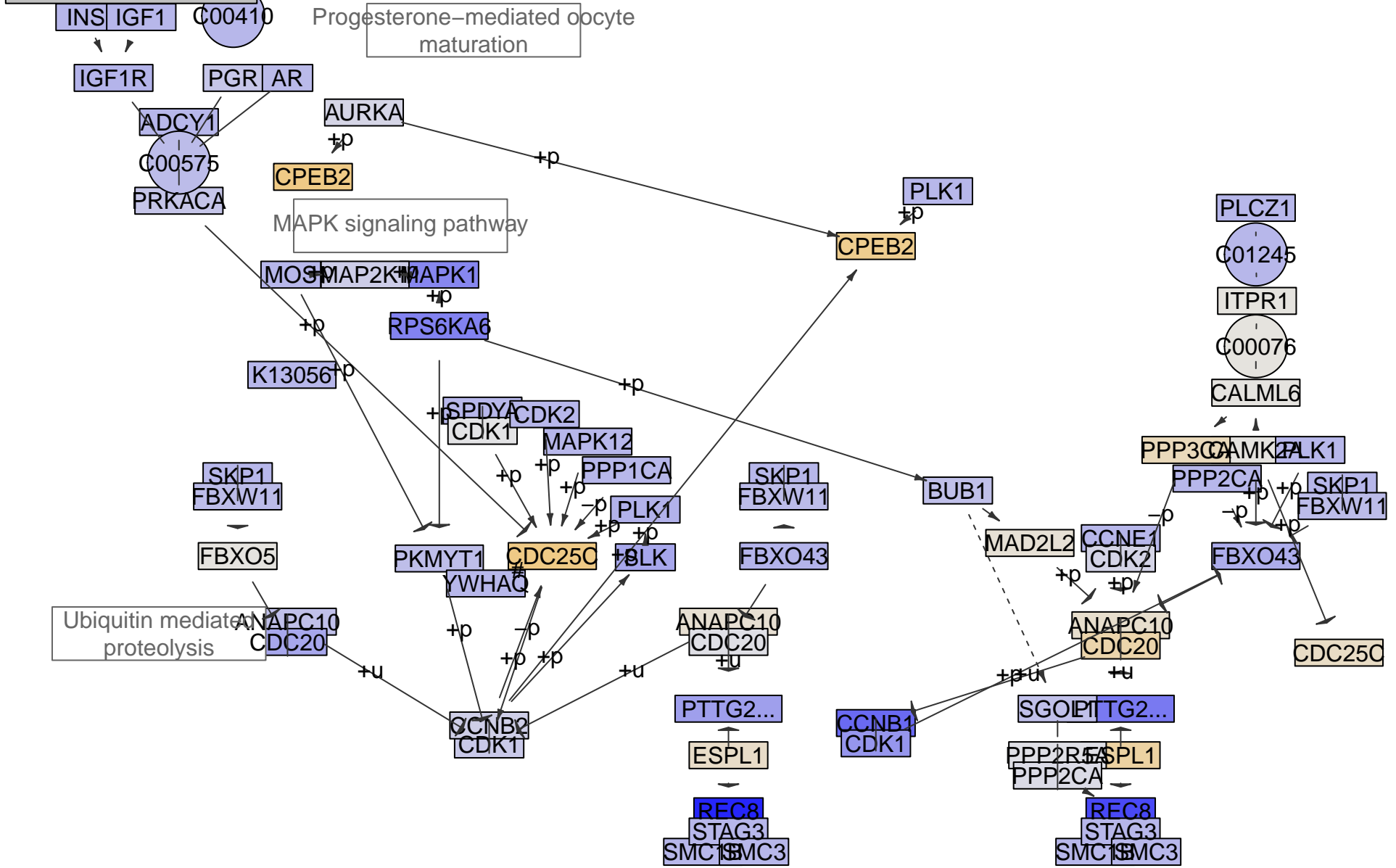


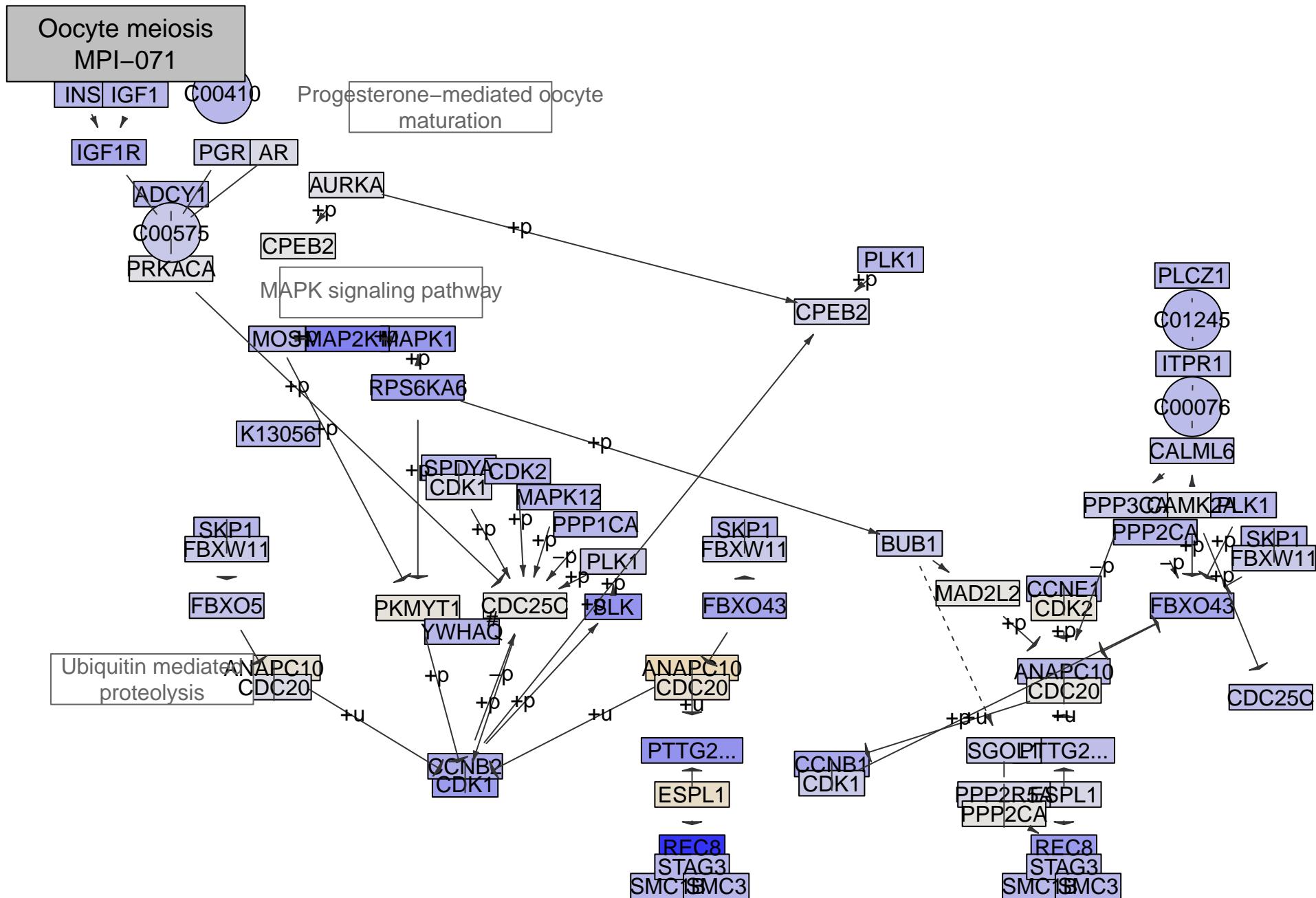
Oocyte meiosis  
MPI-065

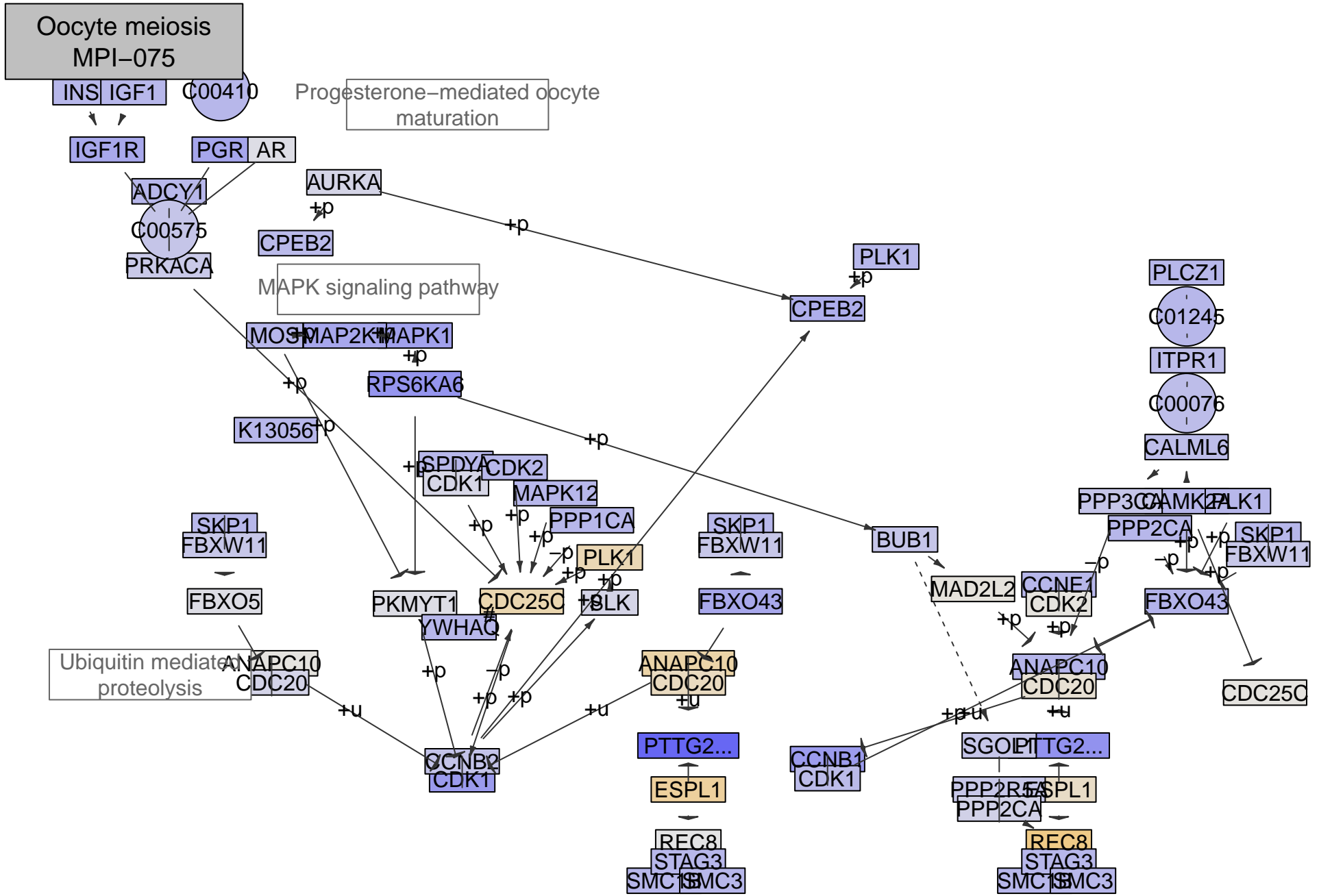
Progesterone-mediated oocyte  
maturation

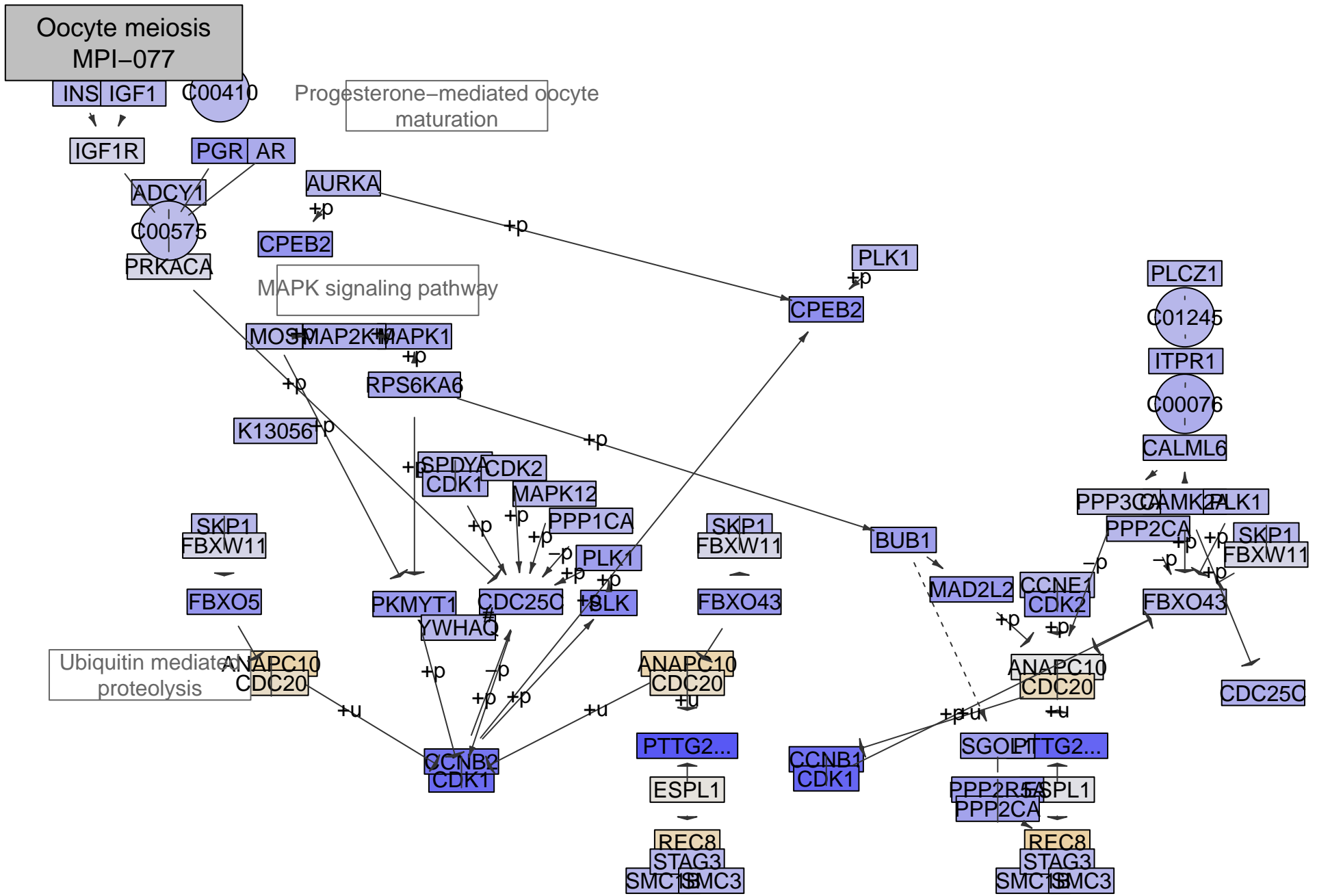
MAPK signaling pathway

Ubiquitin mediated  
proteolysis









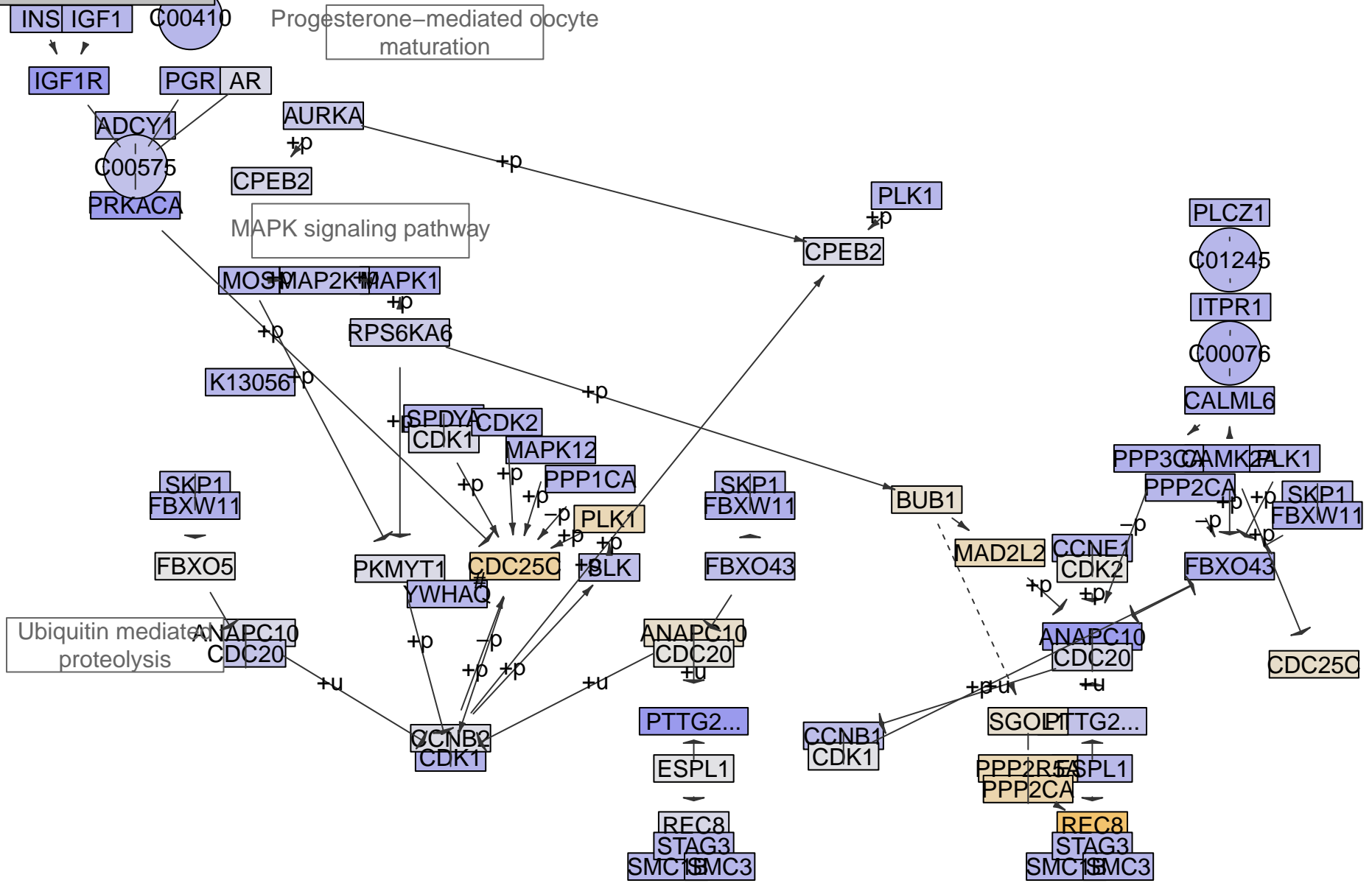


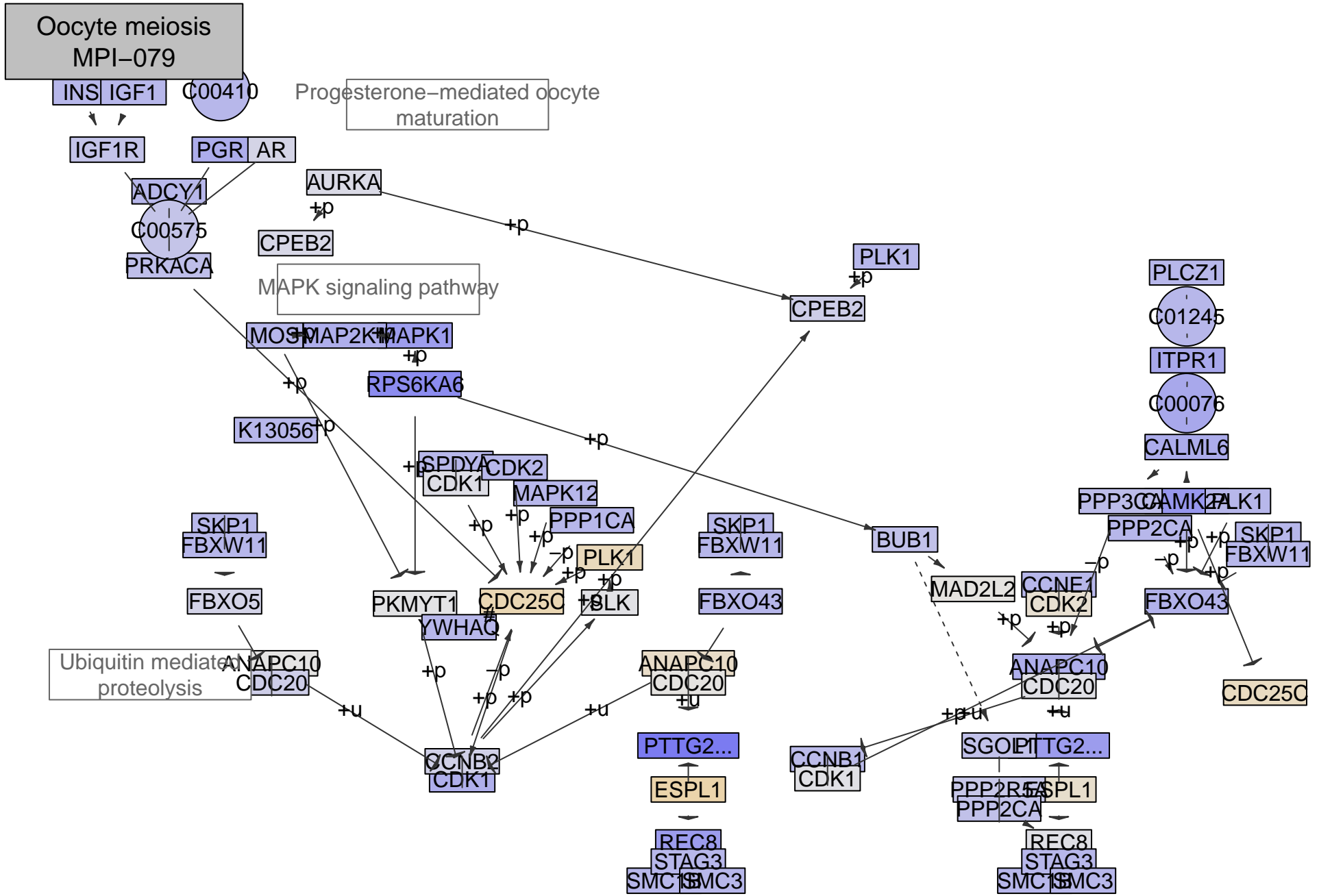
Oocyte meiosis  
MPI-078

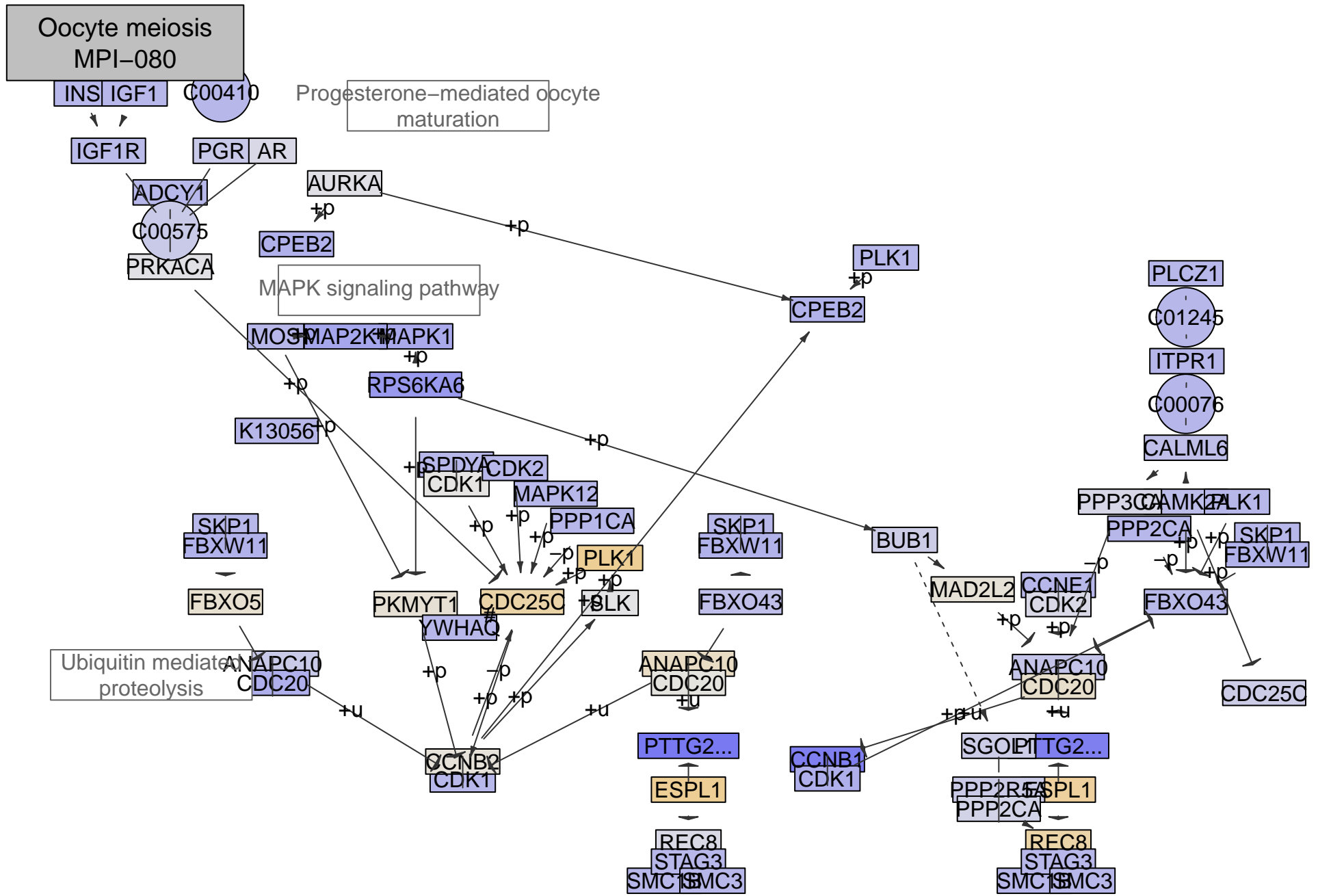
Progesterone-mediated oocyte  
maturation

MAPK signaling pathway

Ubiquitin mediated  
proteolysis





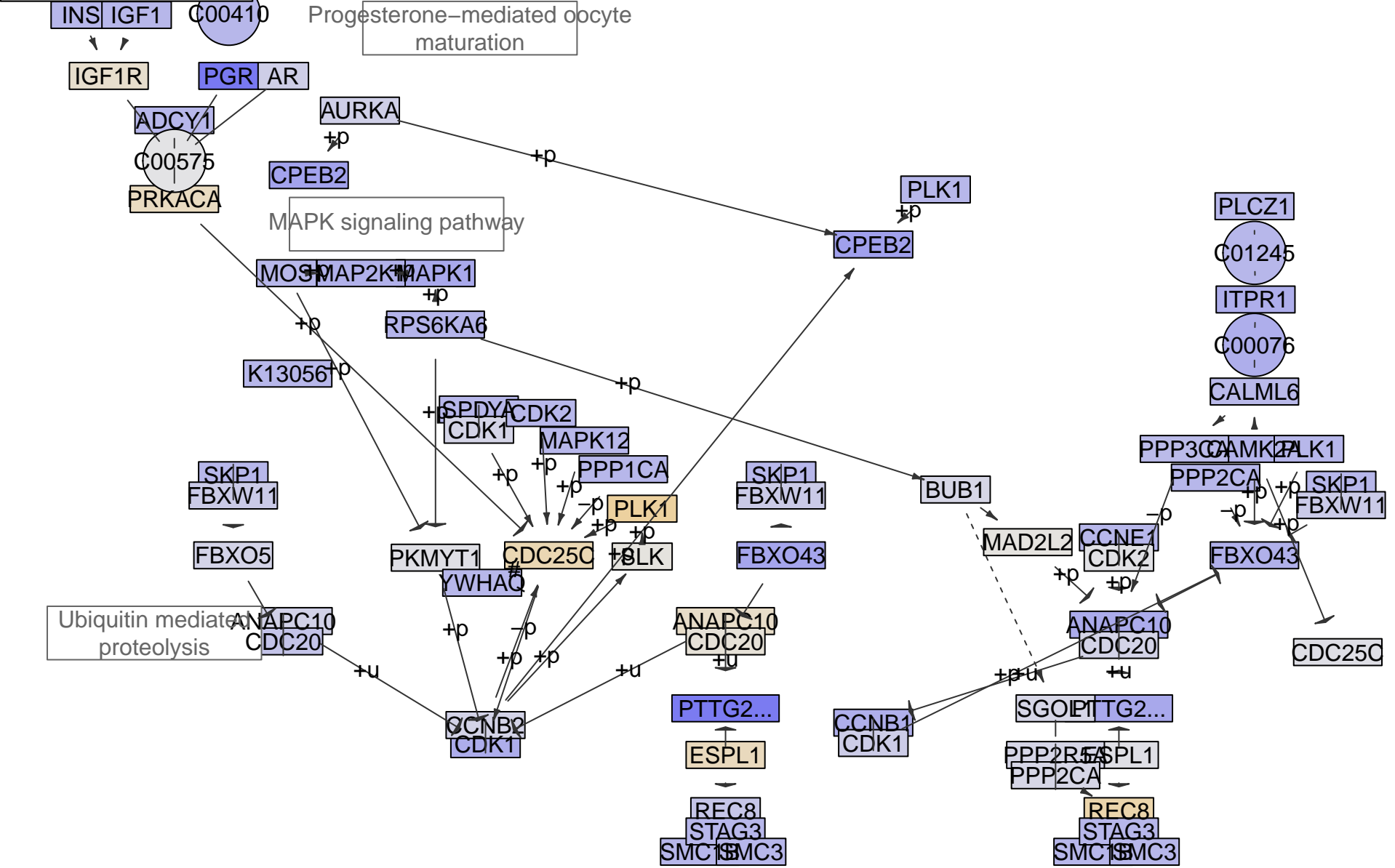


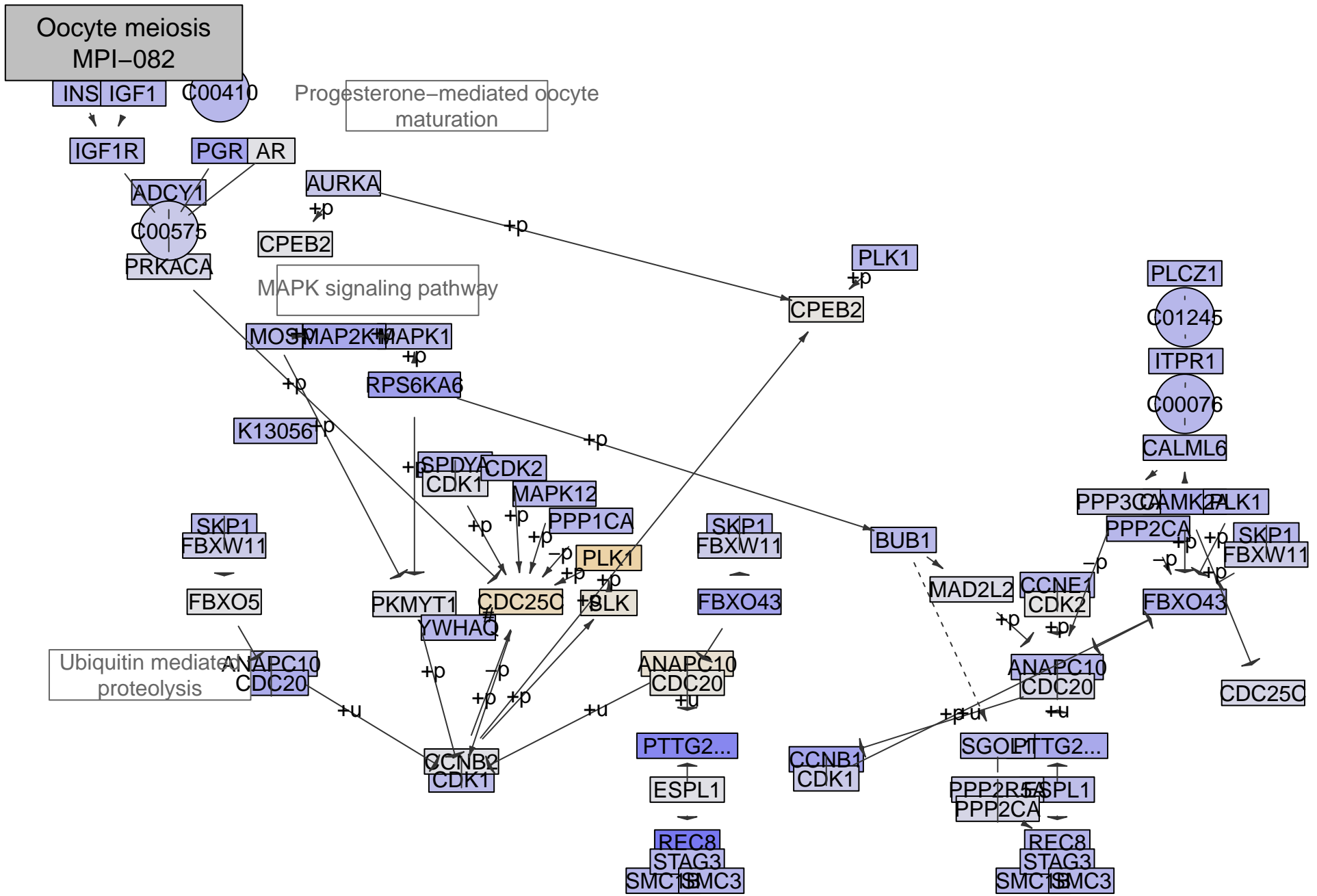
Oocyte meiosis  
MPI-081

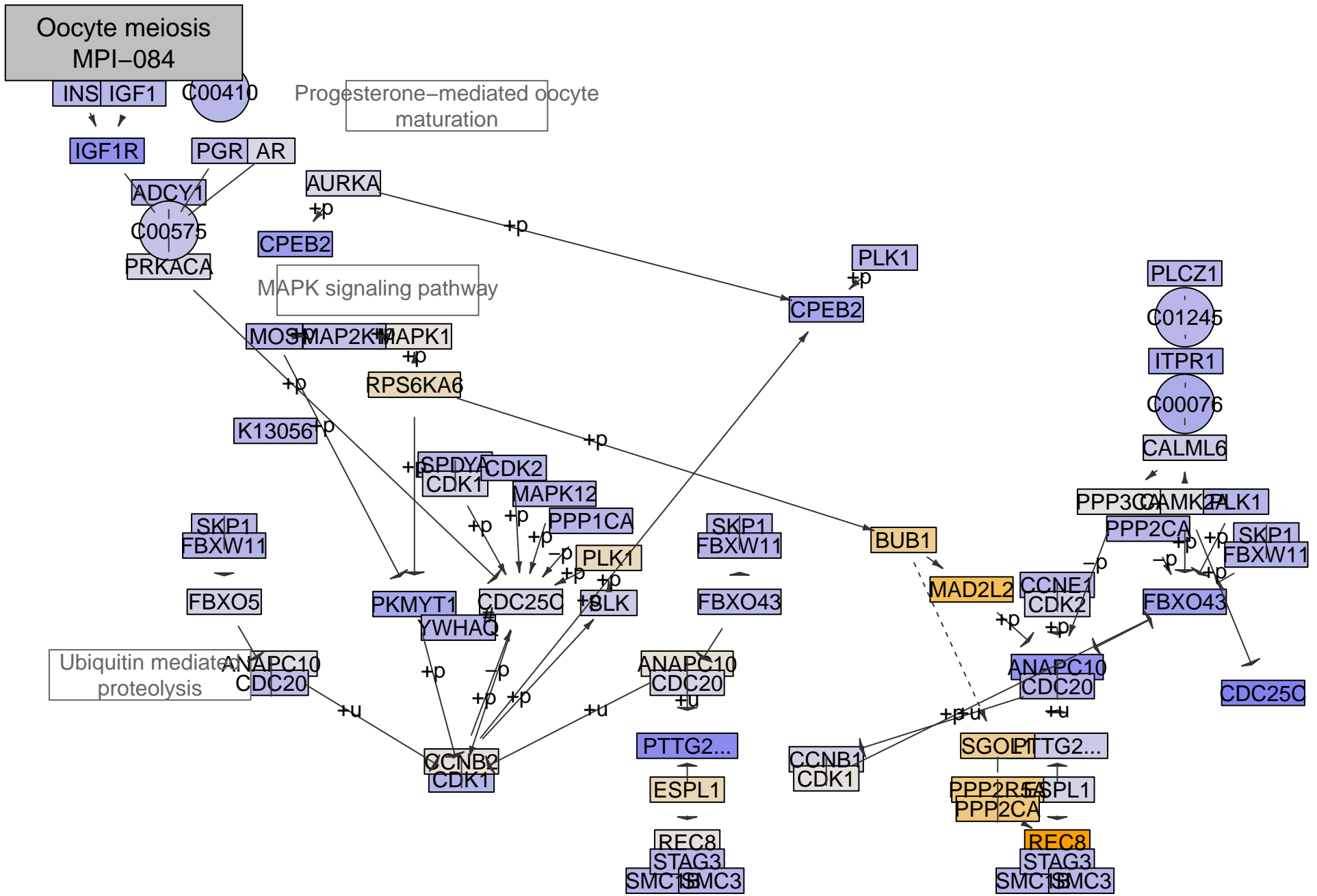
Progesterone-mediated oocyte  
maturation

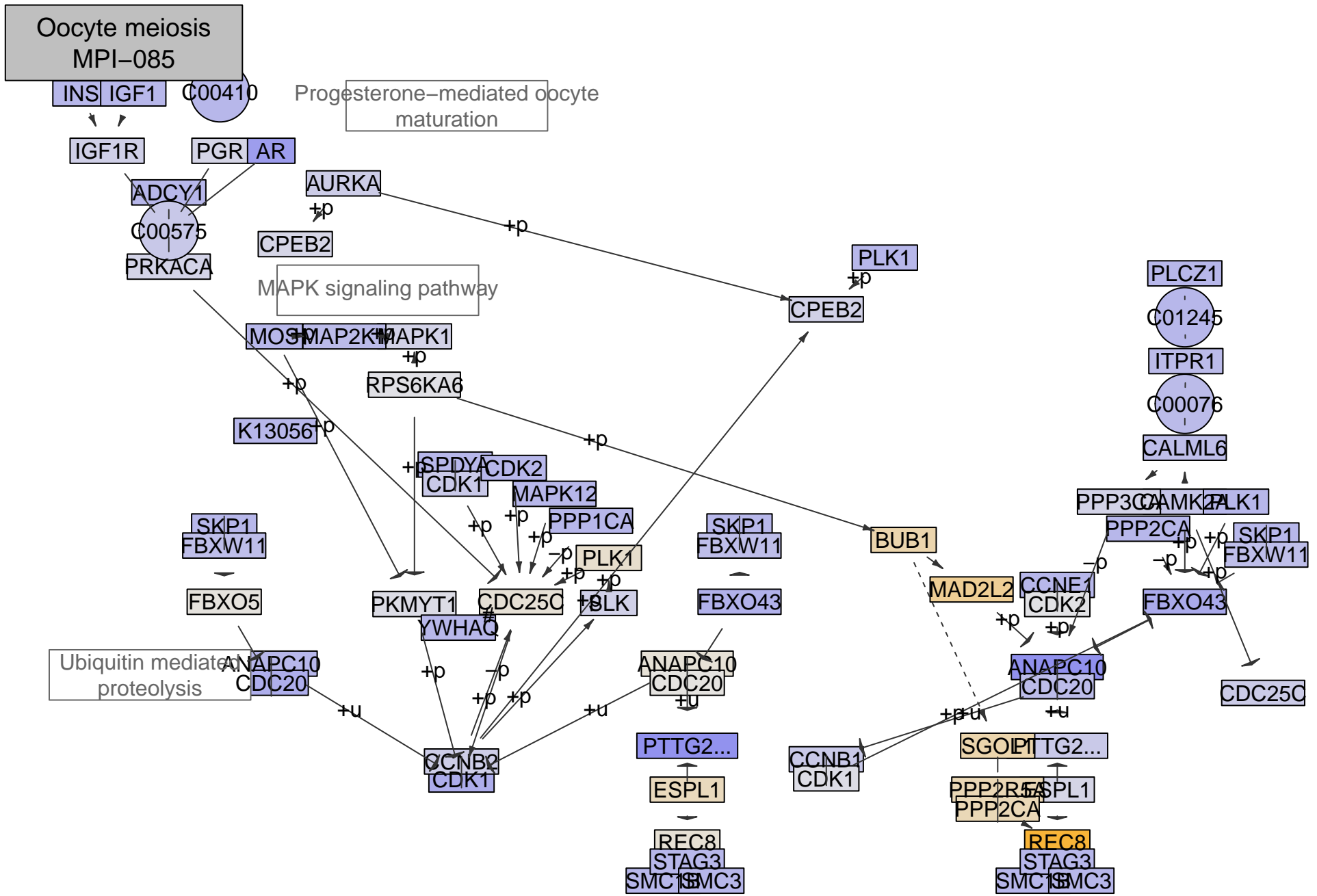
MAPK signaling pathway

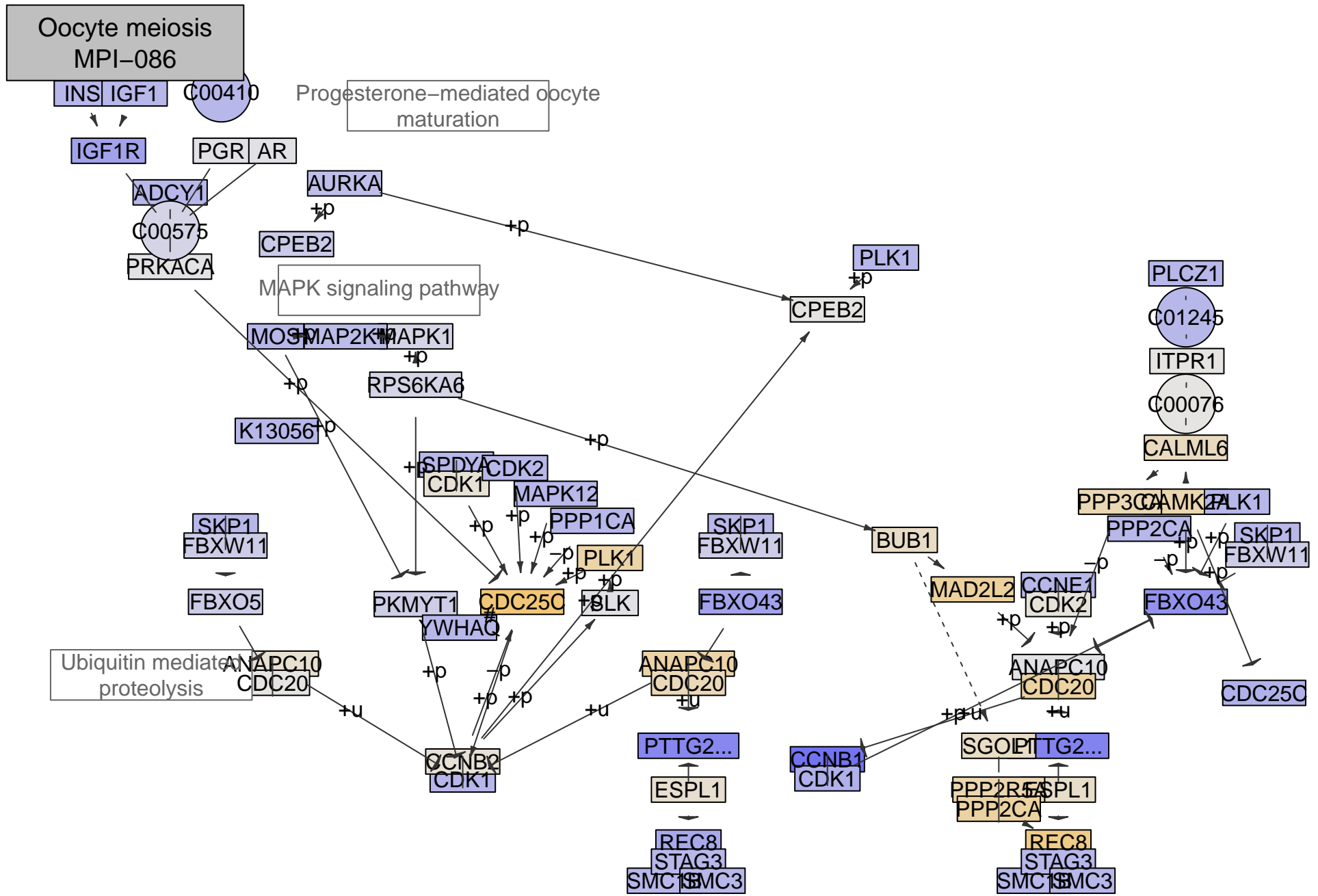
Ubiquitin mediated  
proteolysis



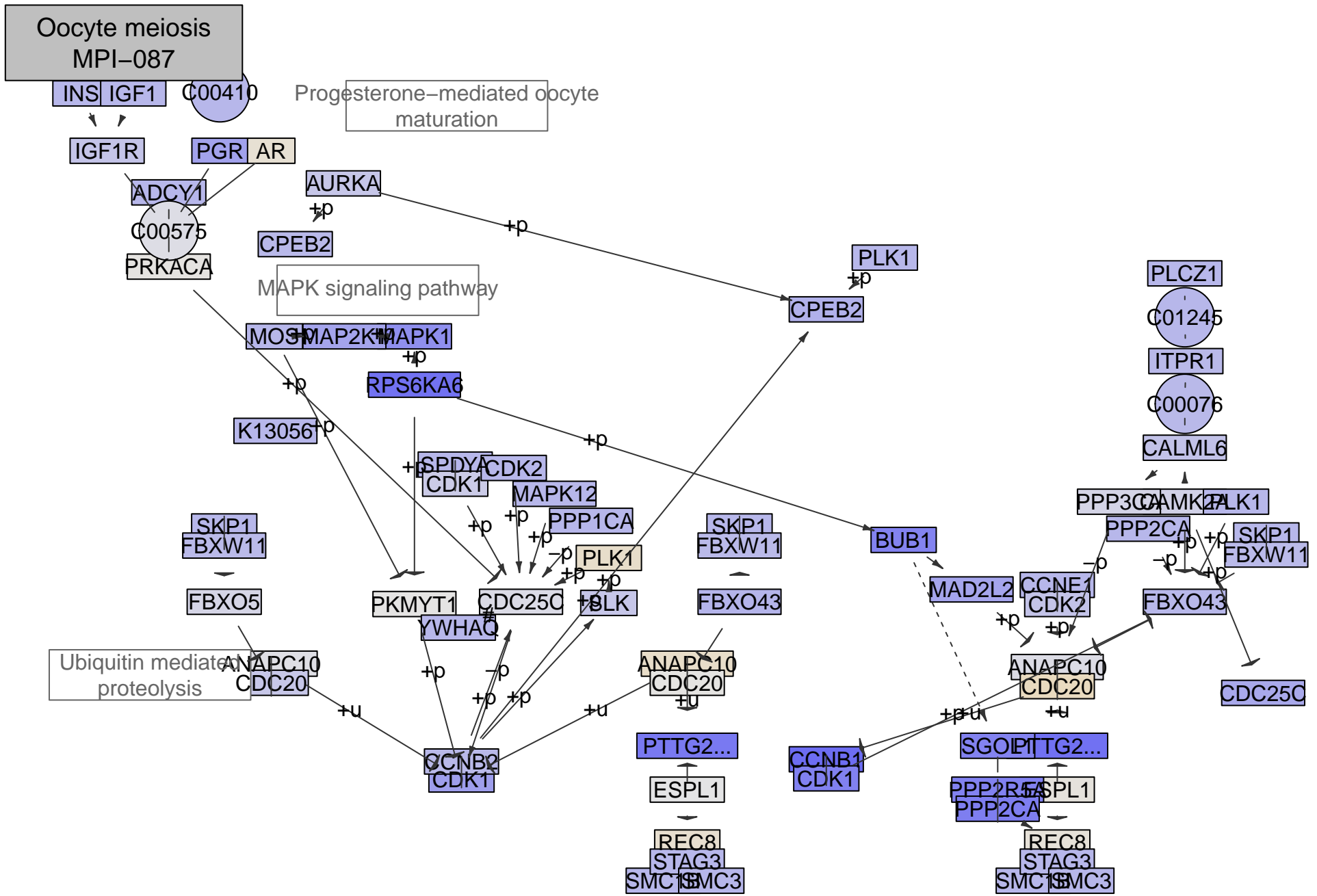


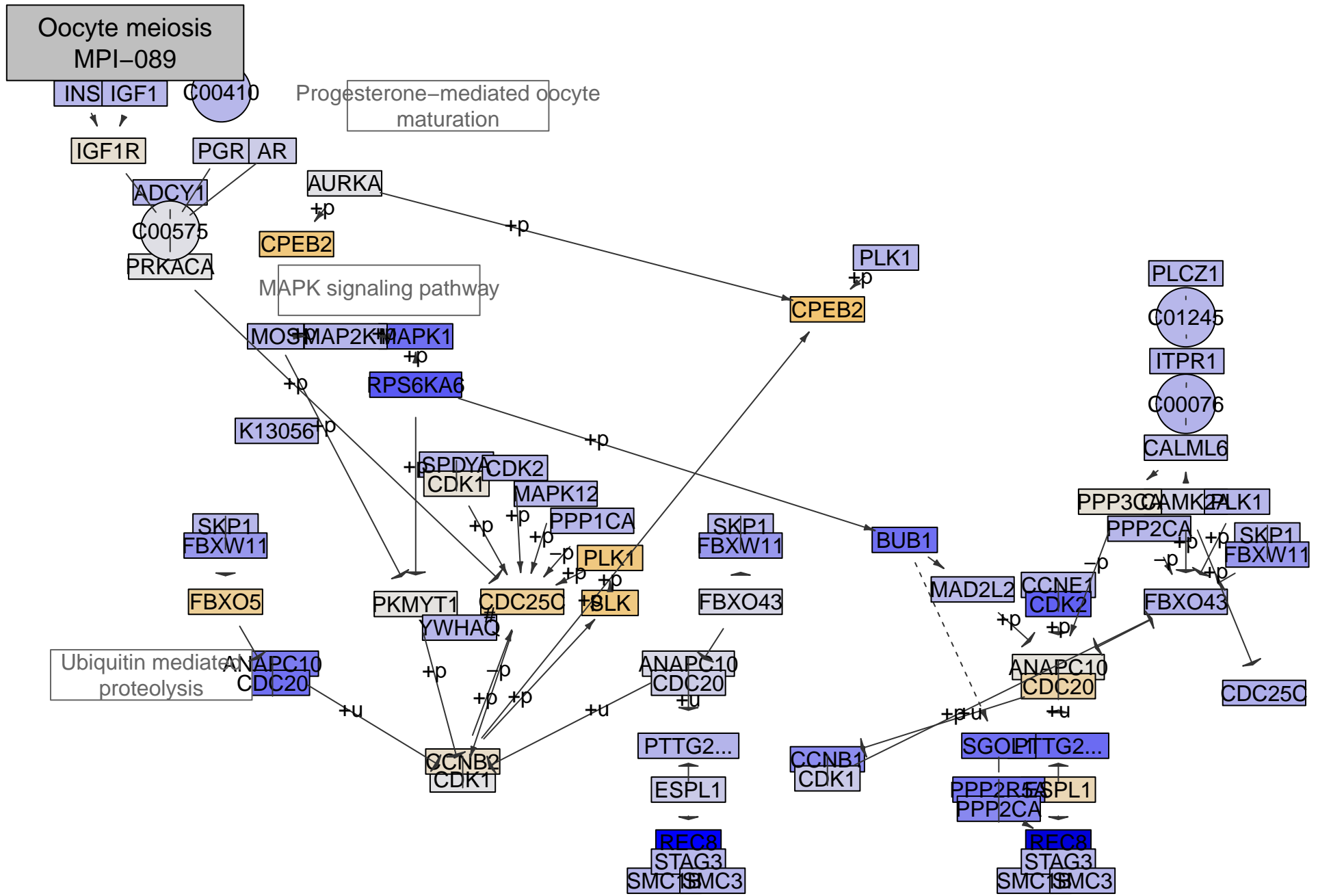


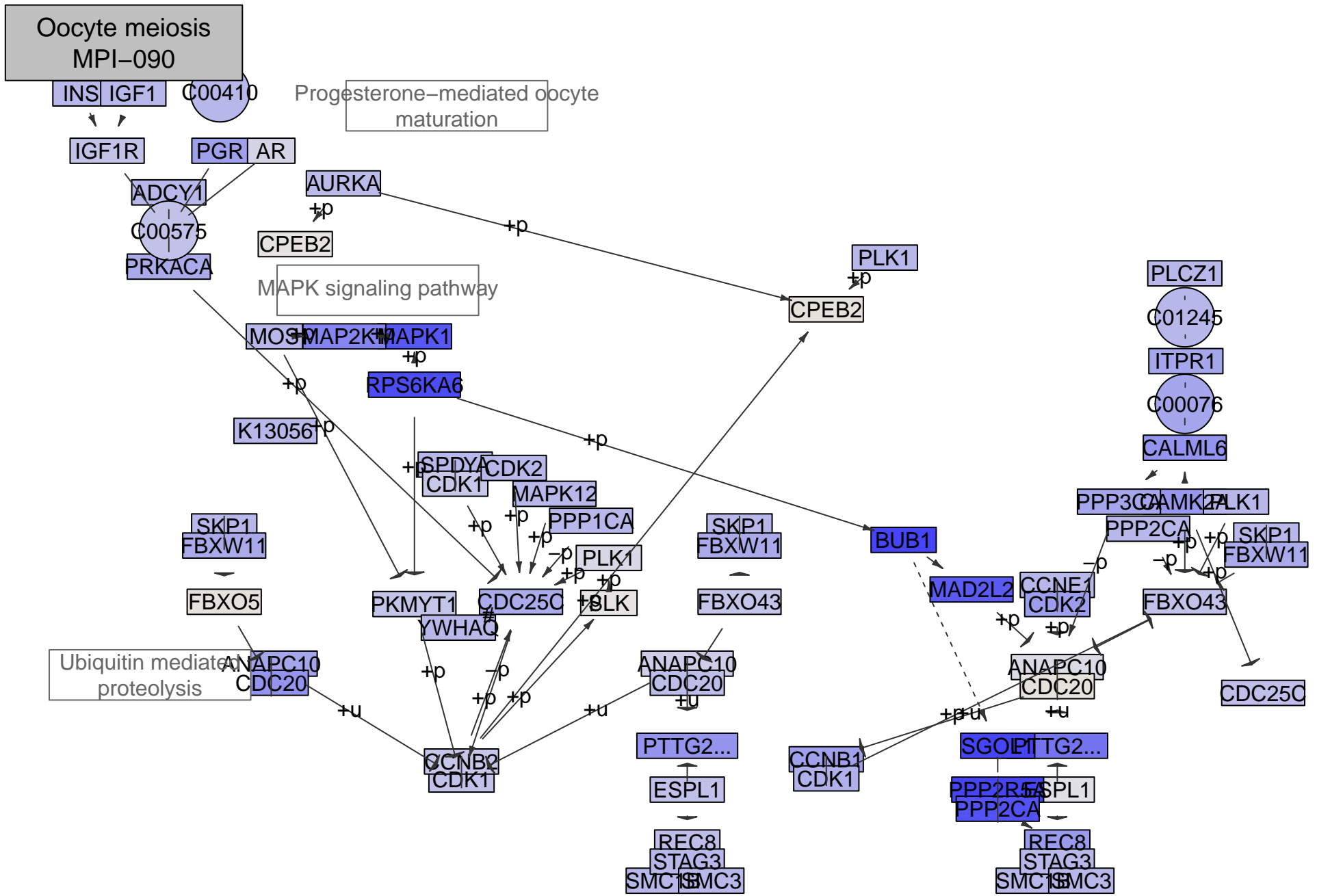


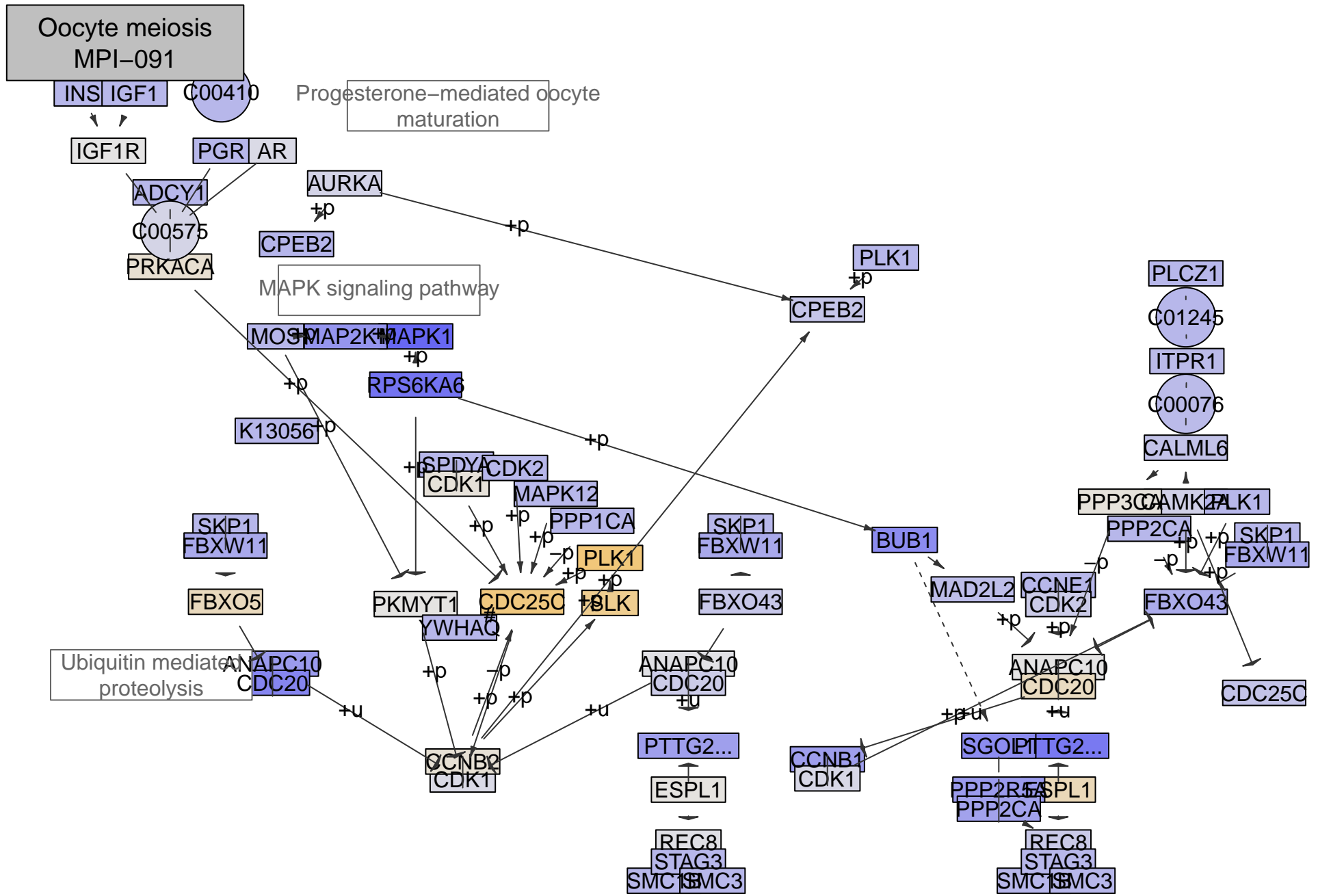


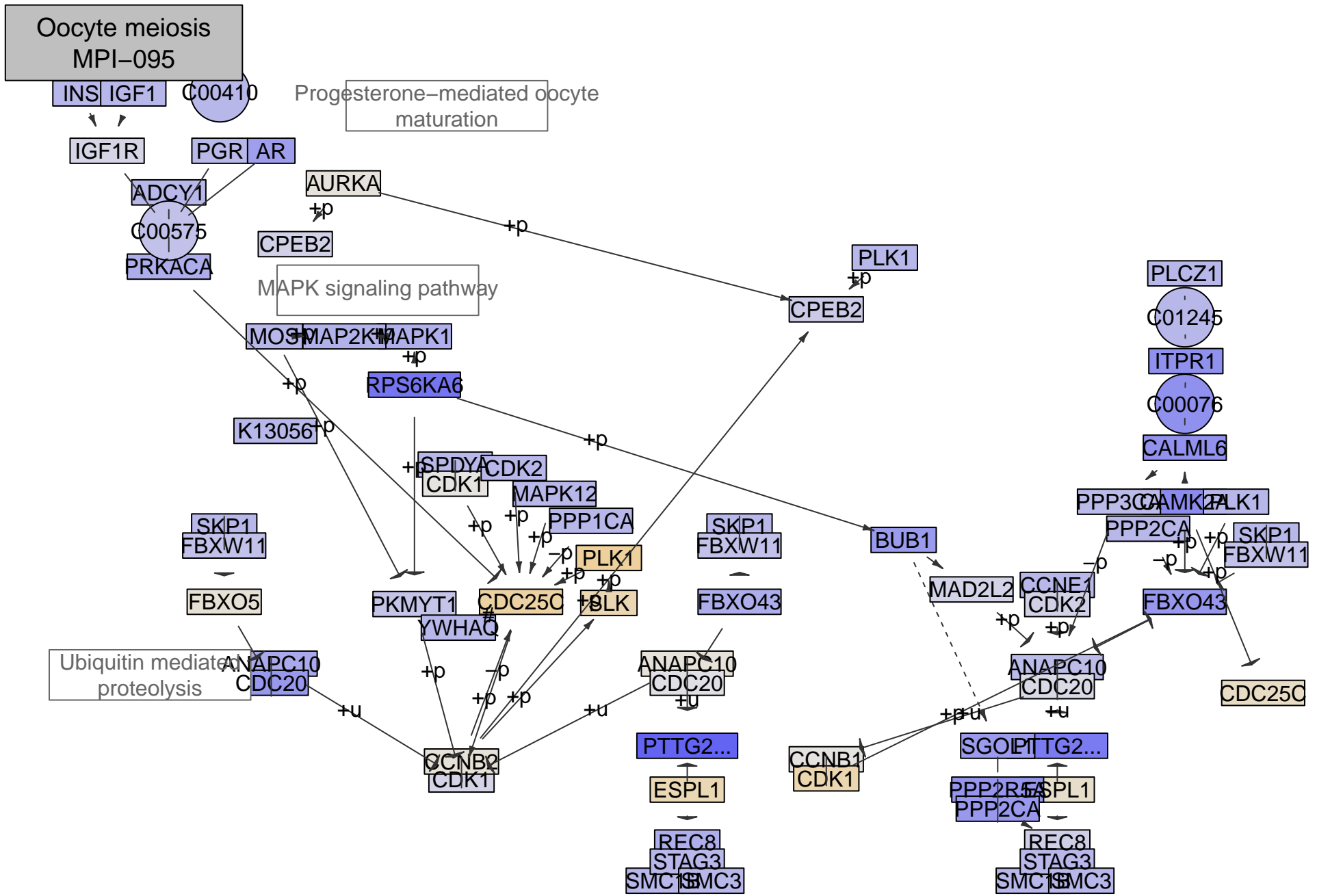


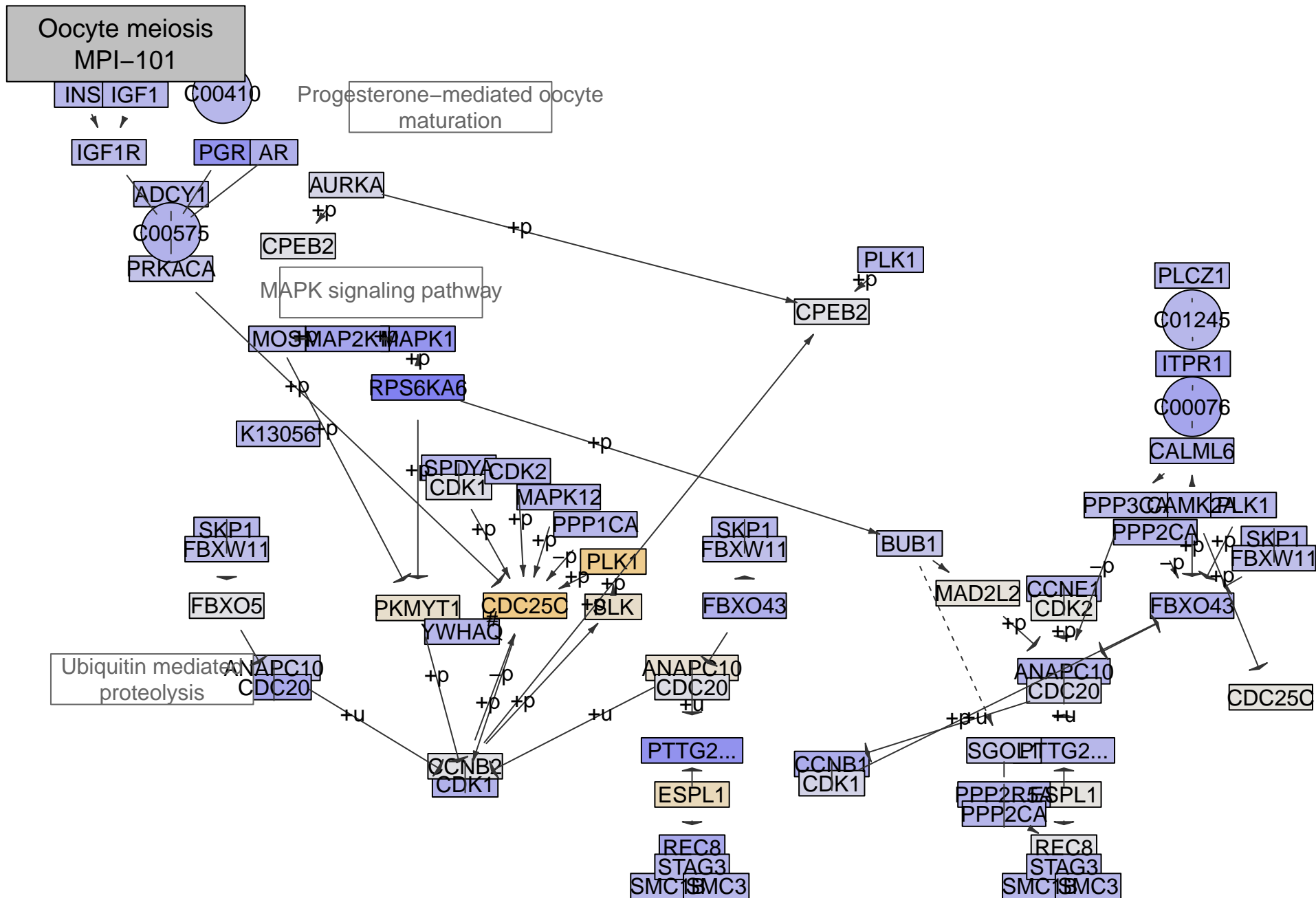












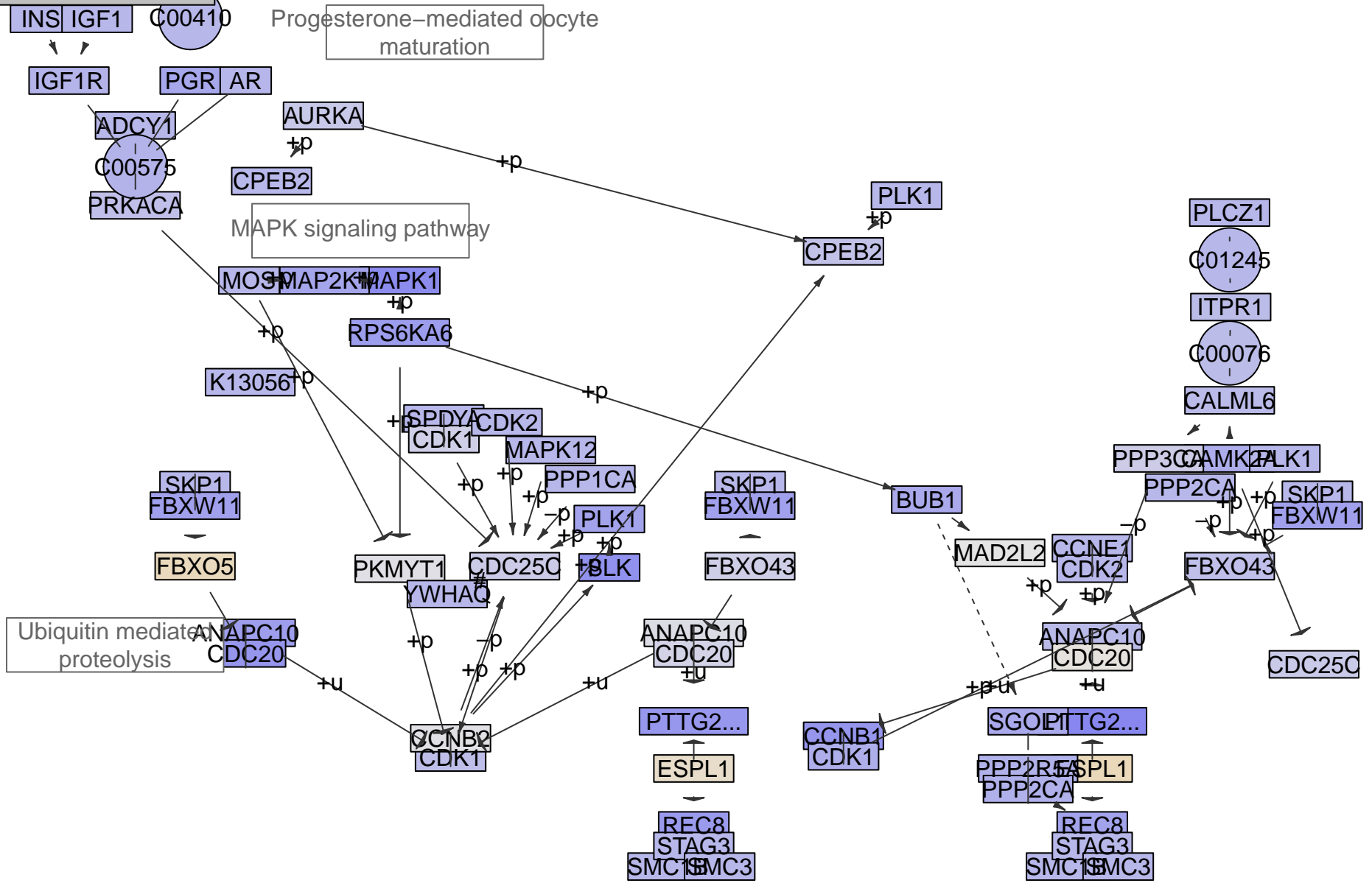


Oocyte meiosis  
MPI-123

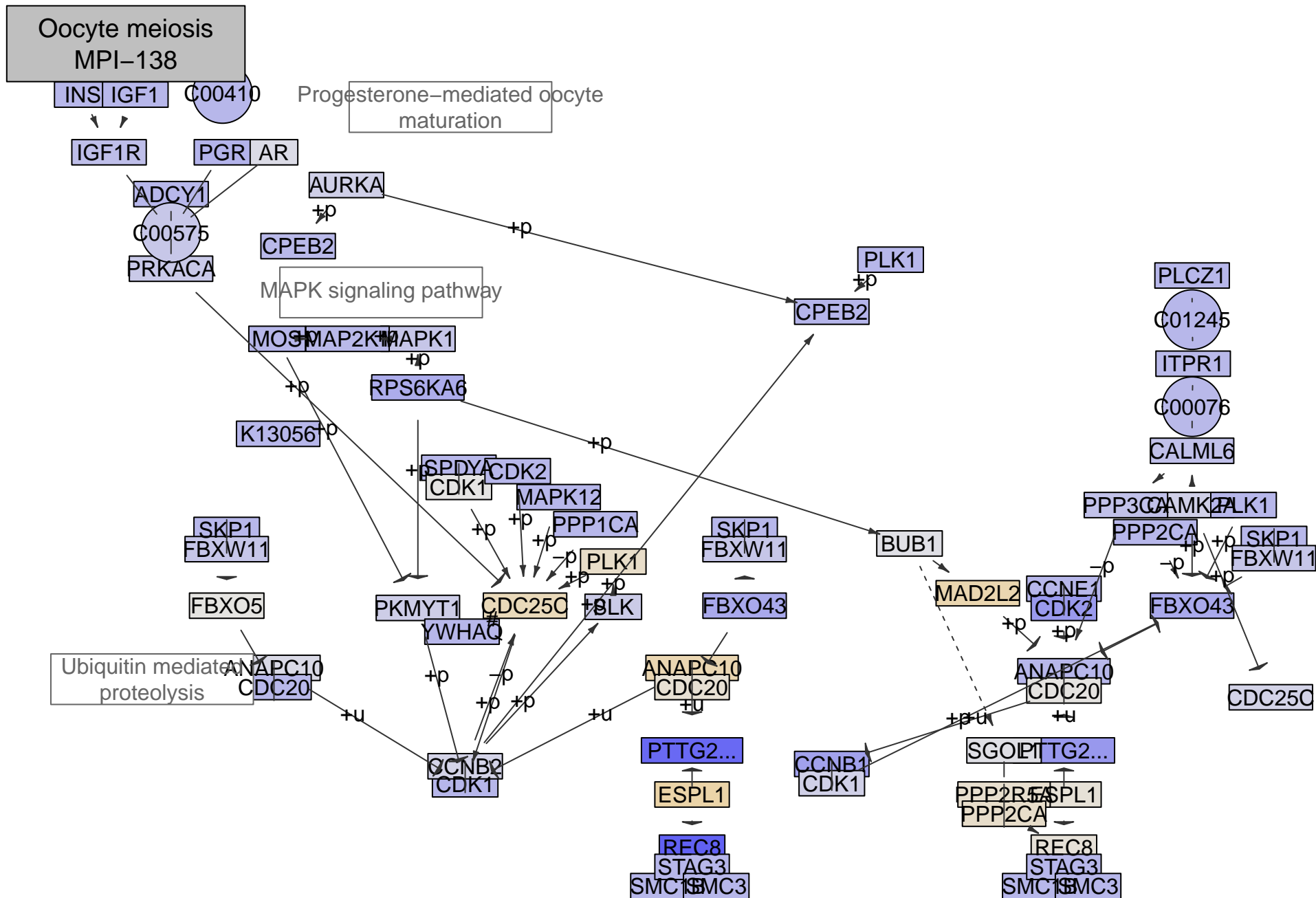
Progesterone-mediated oocyte  
maturation

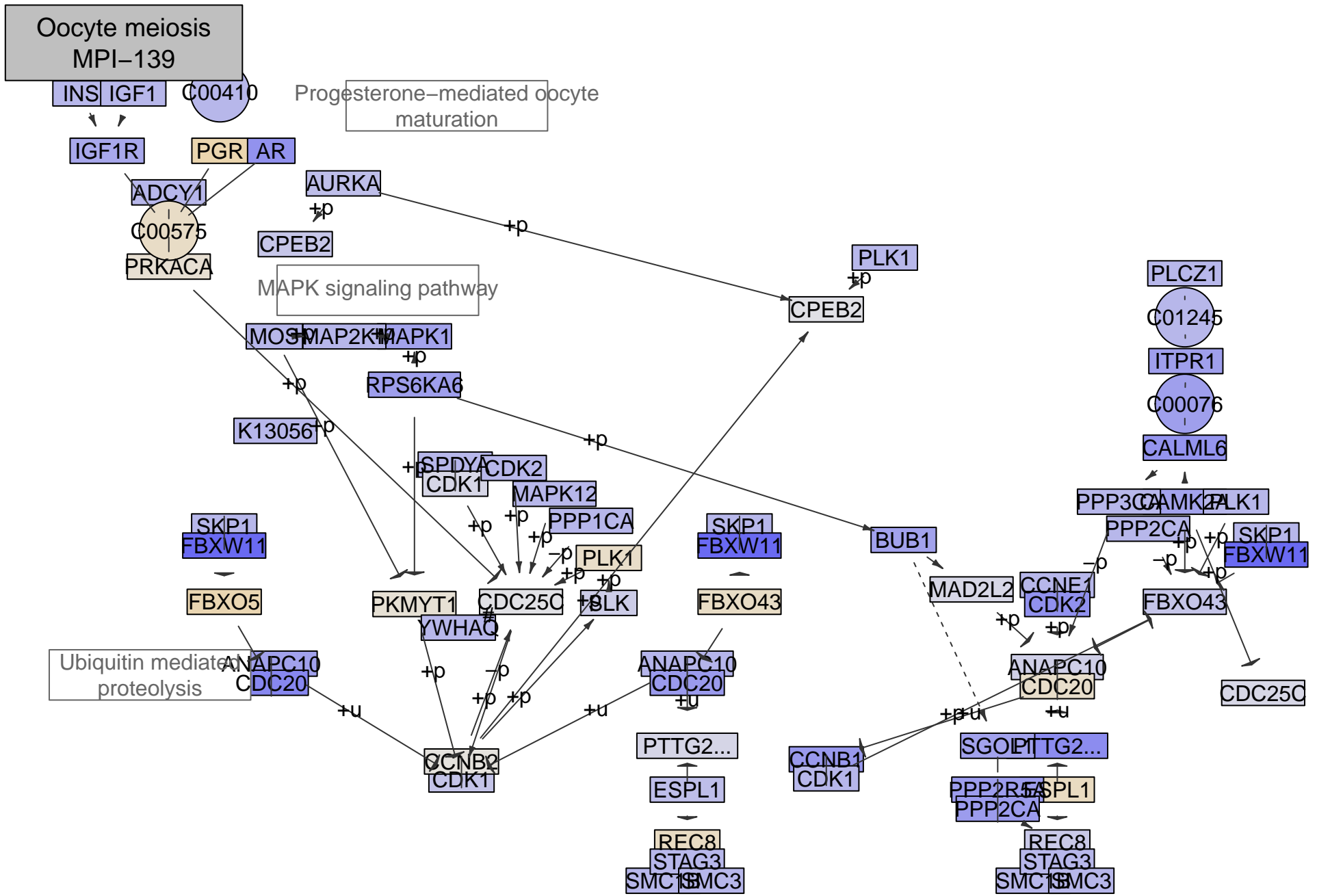
MAPK signaling pathway

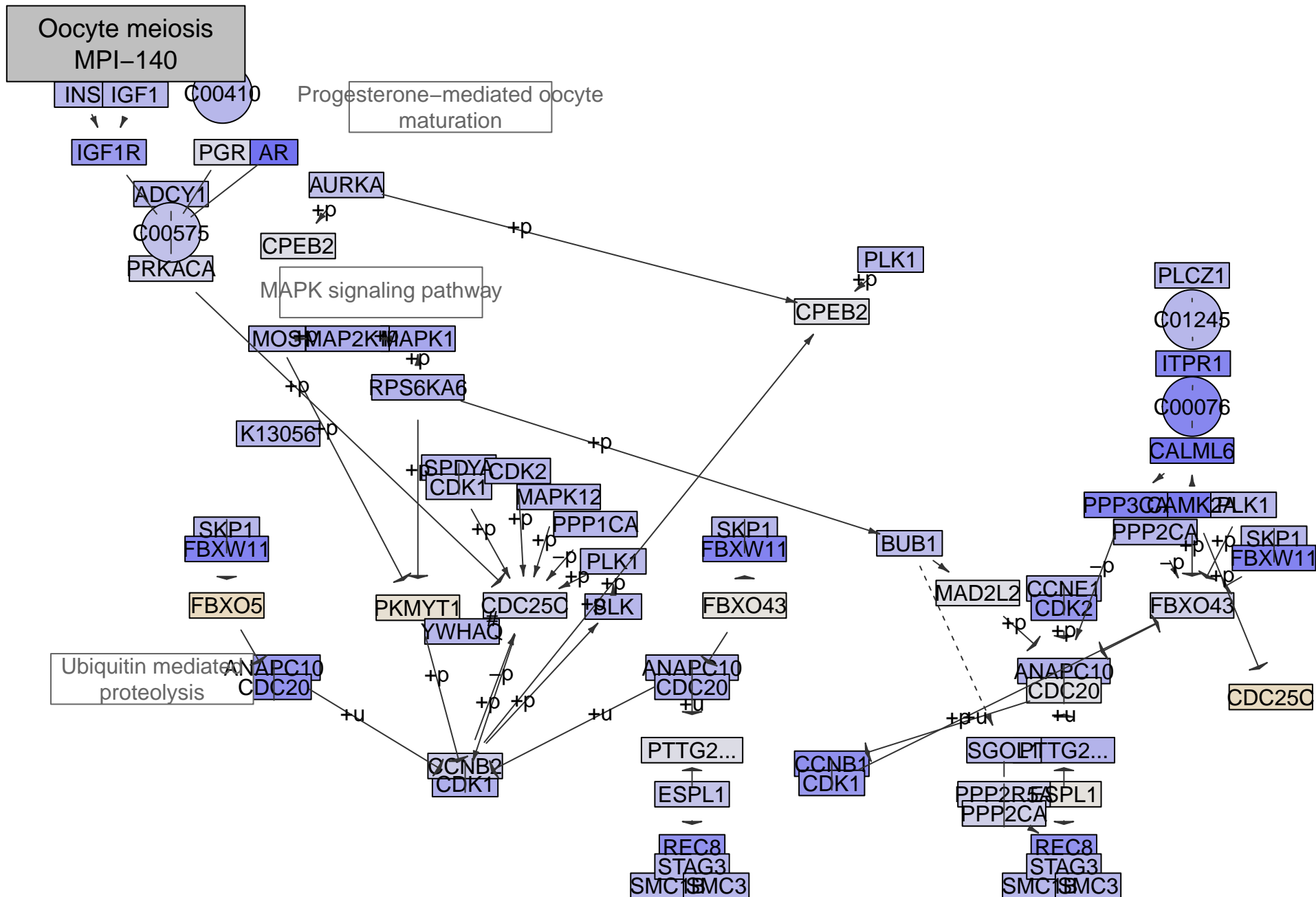
Ubiquitin mediated  
proteolysis

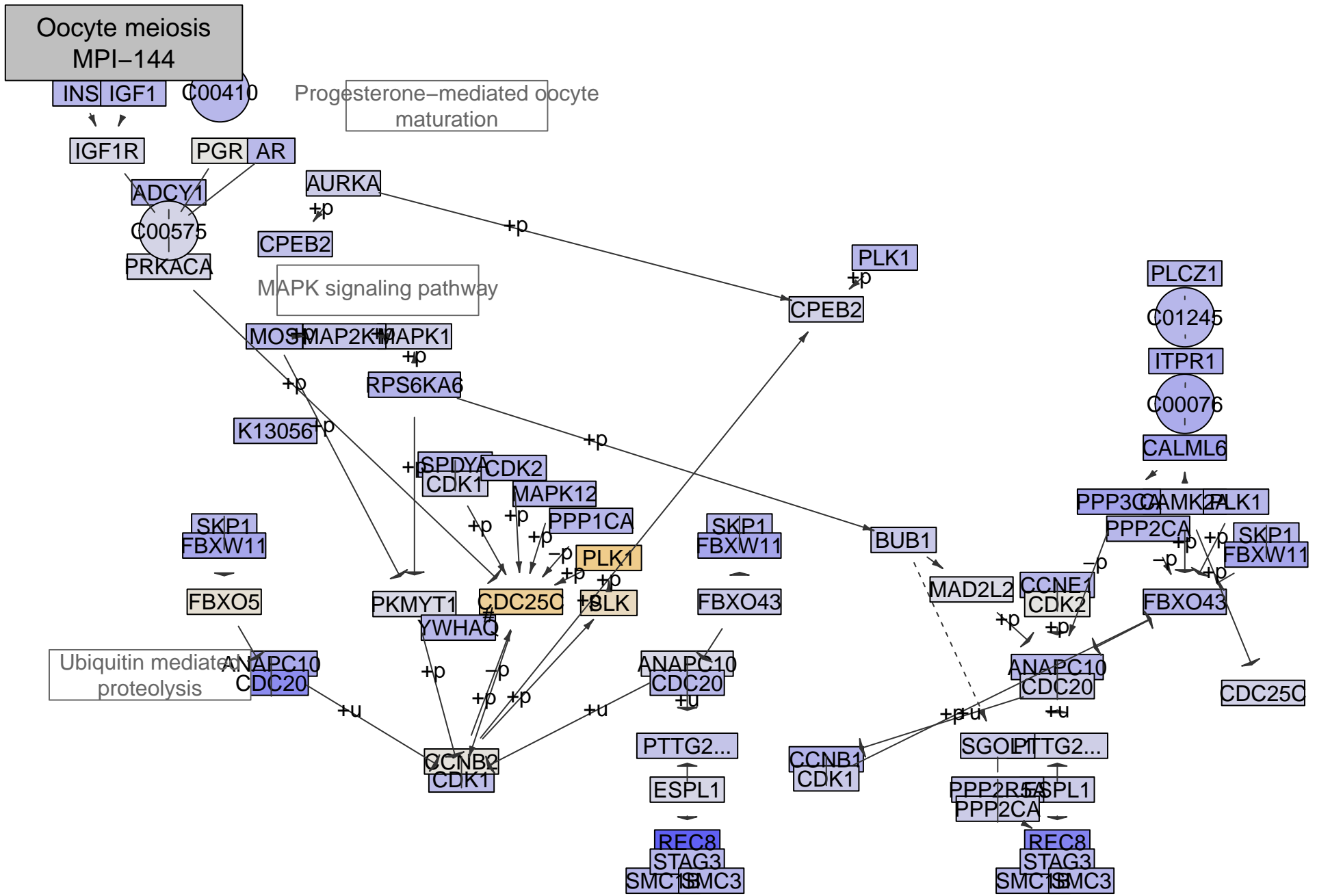


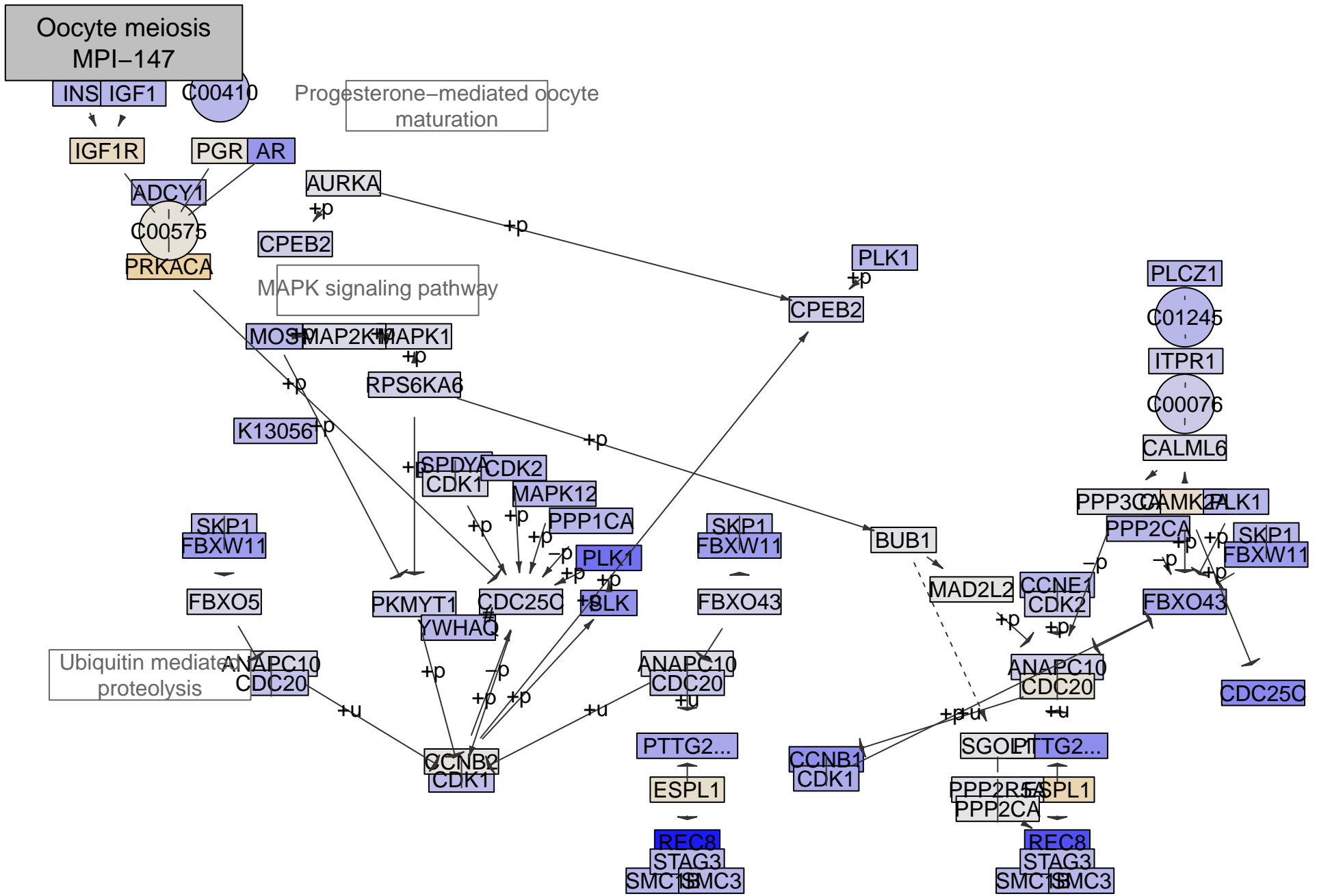


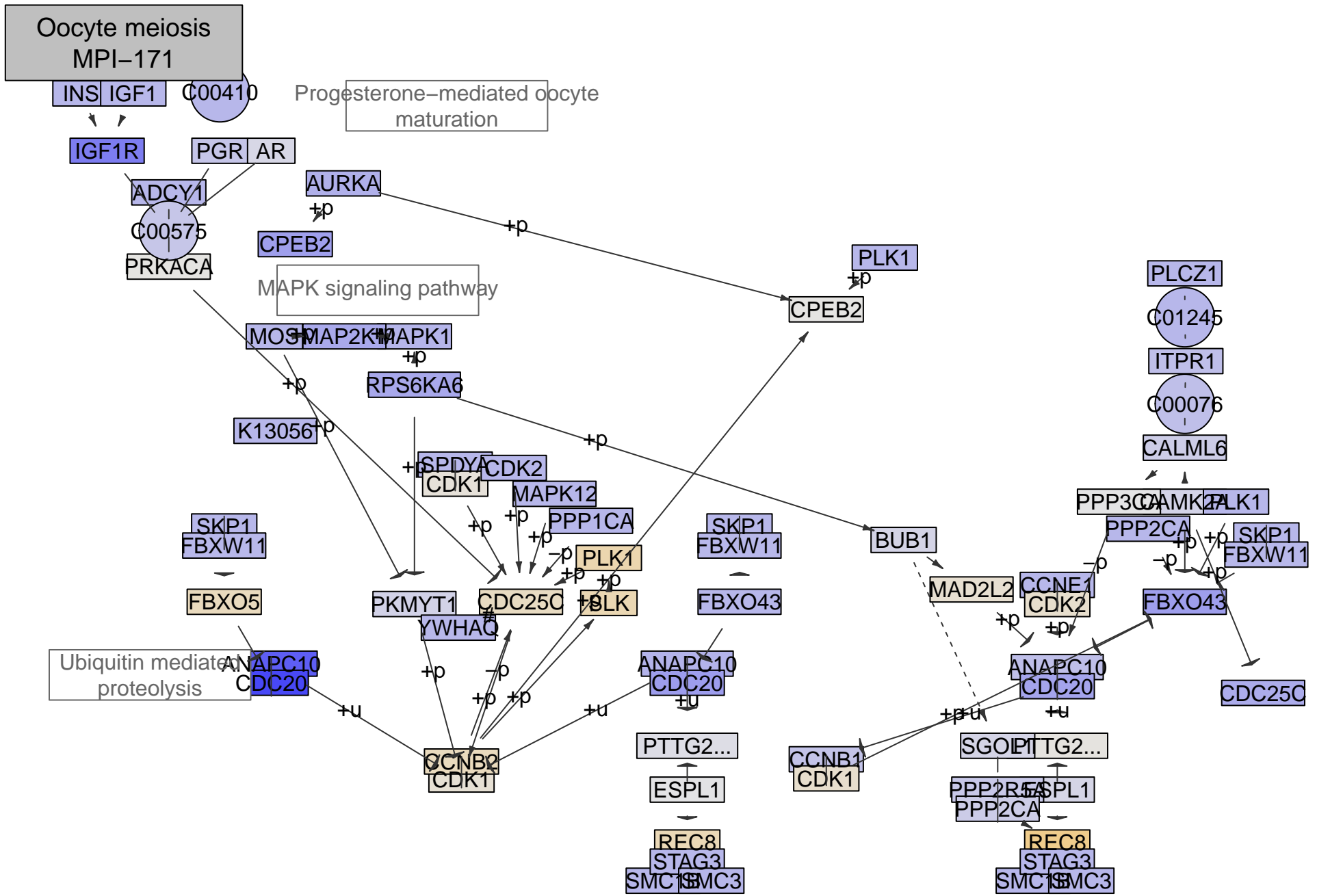


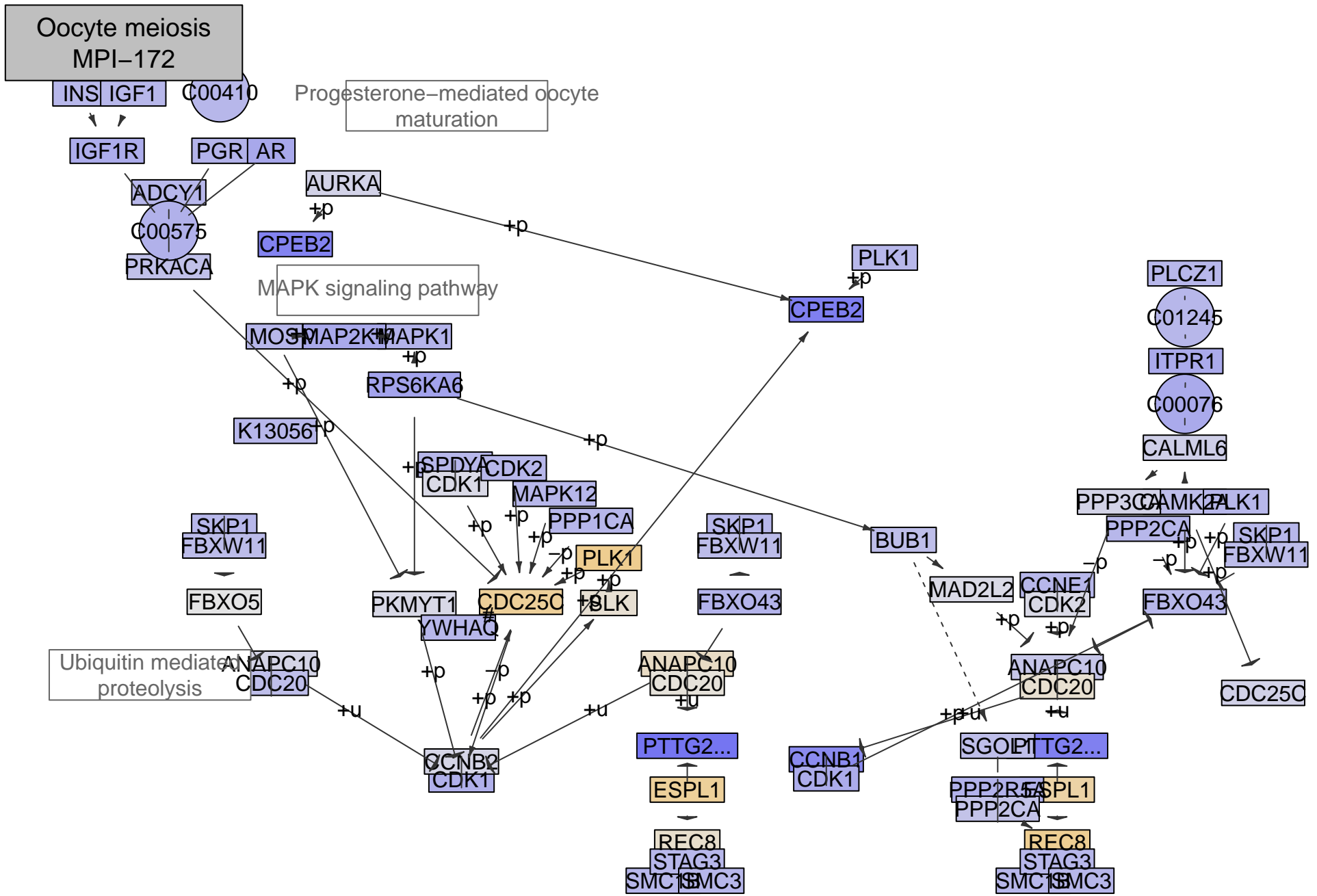


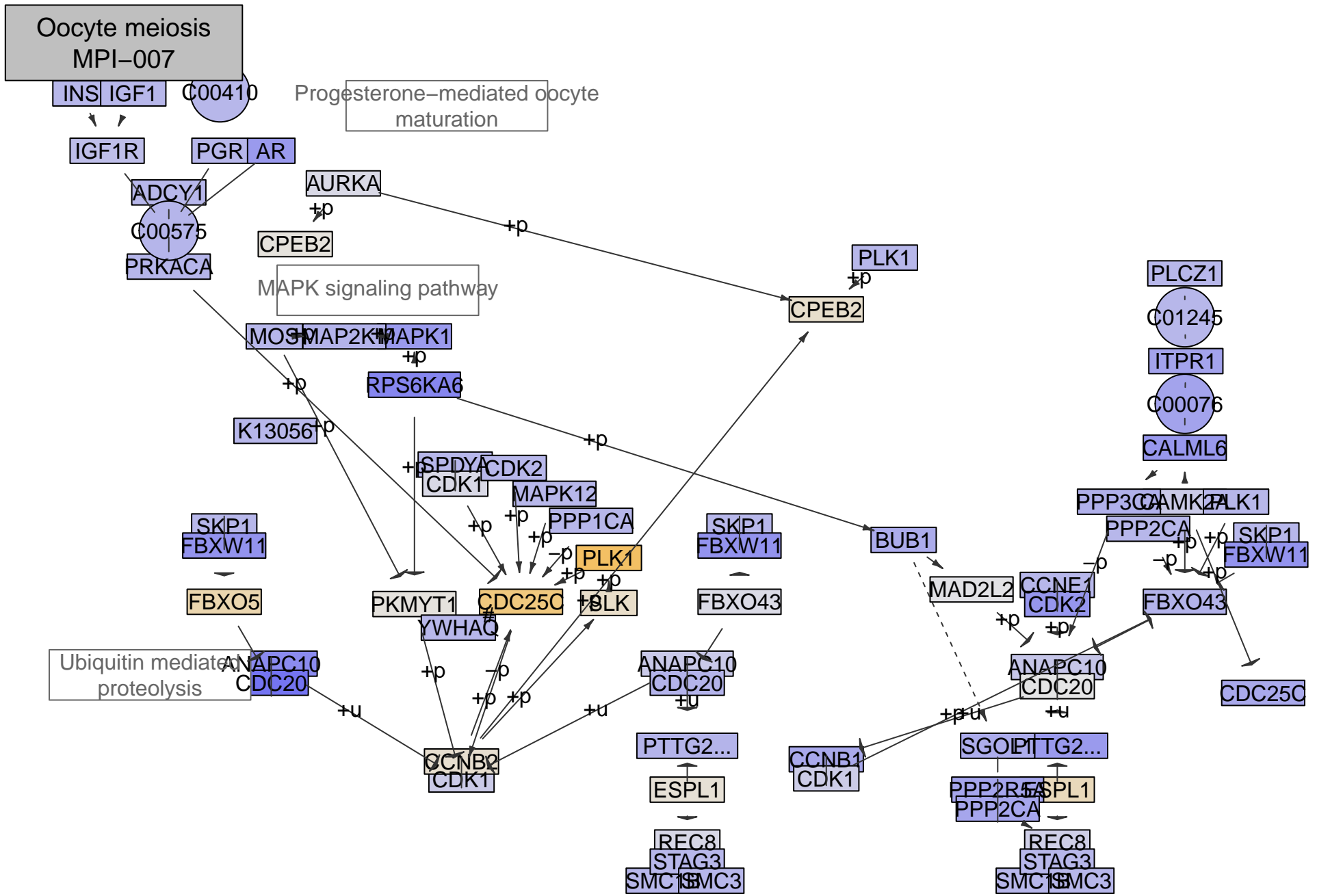




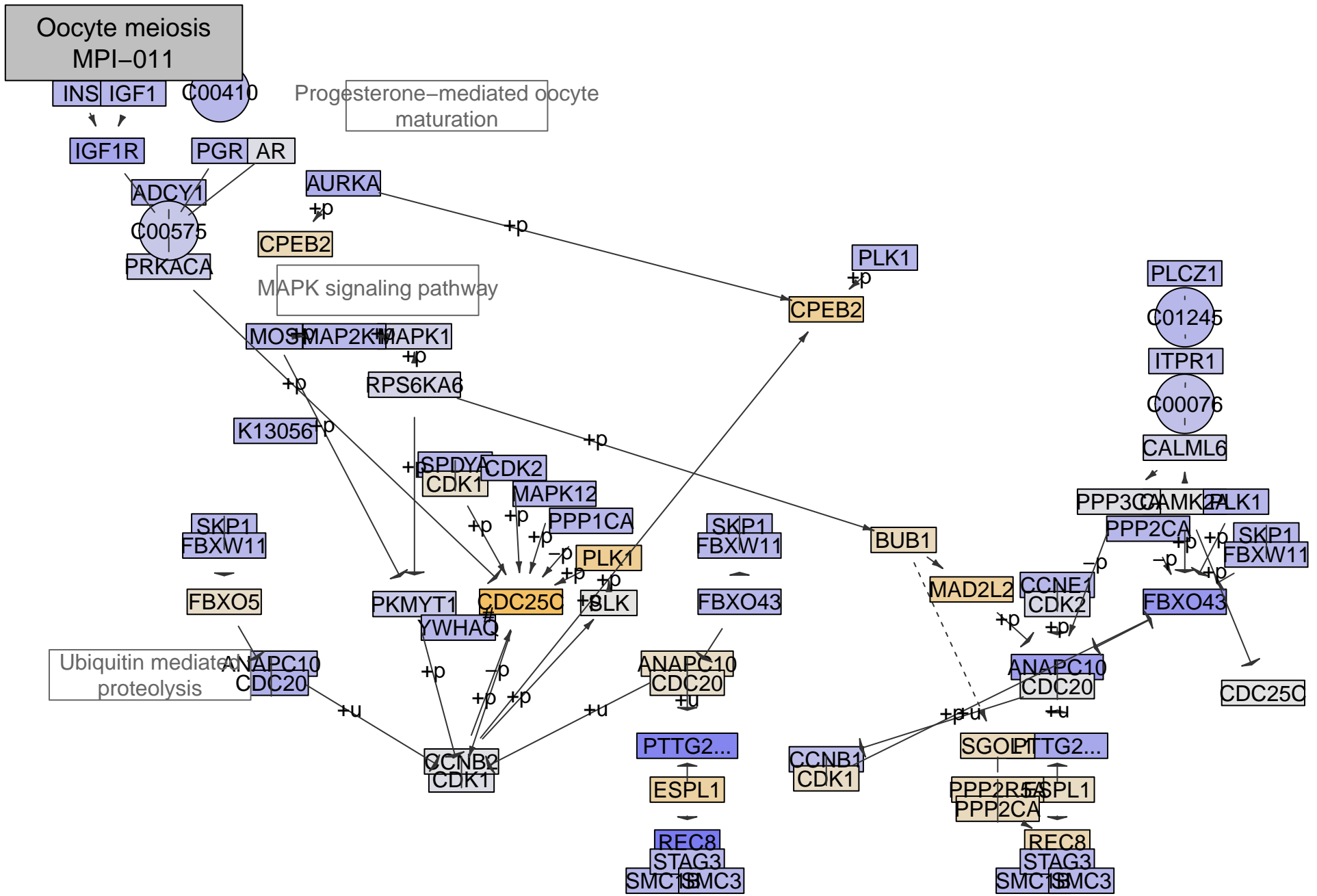


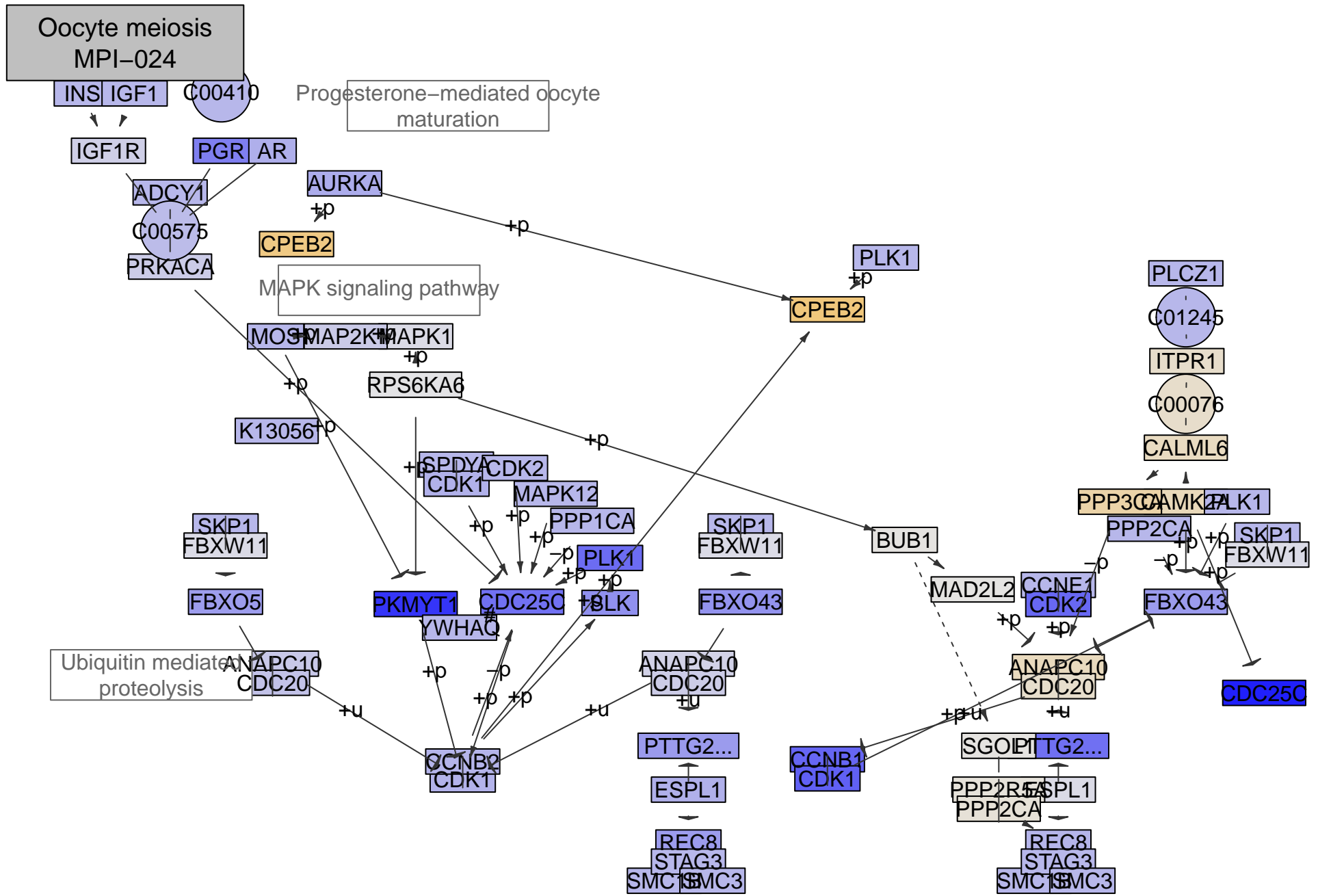


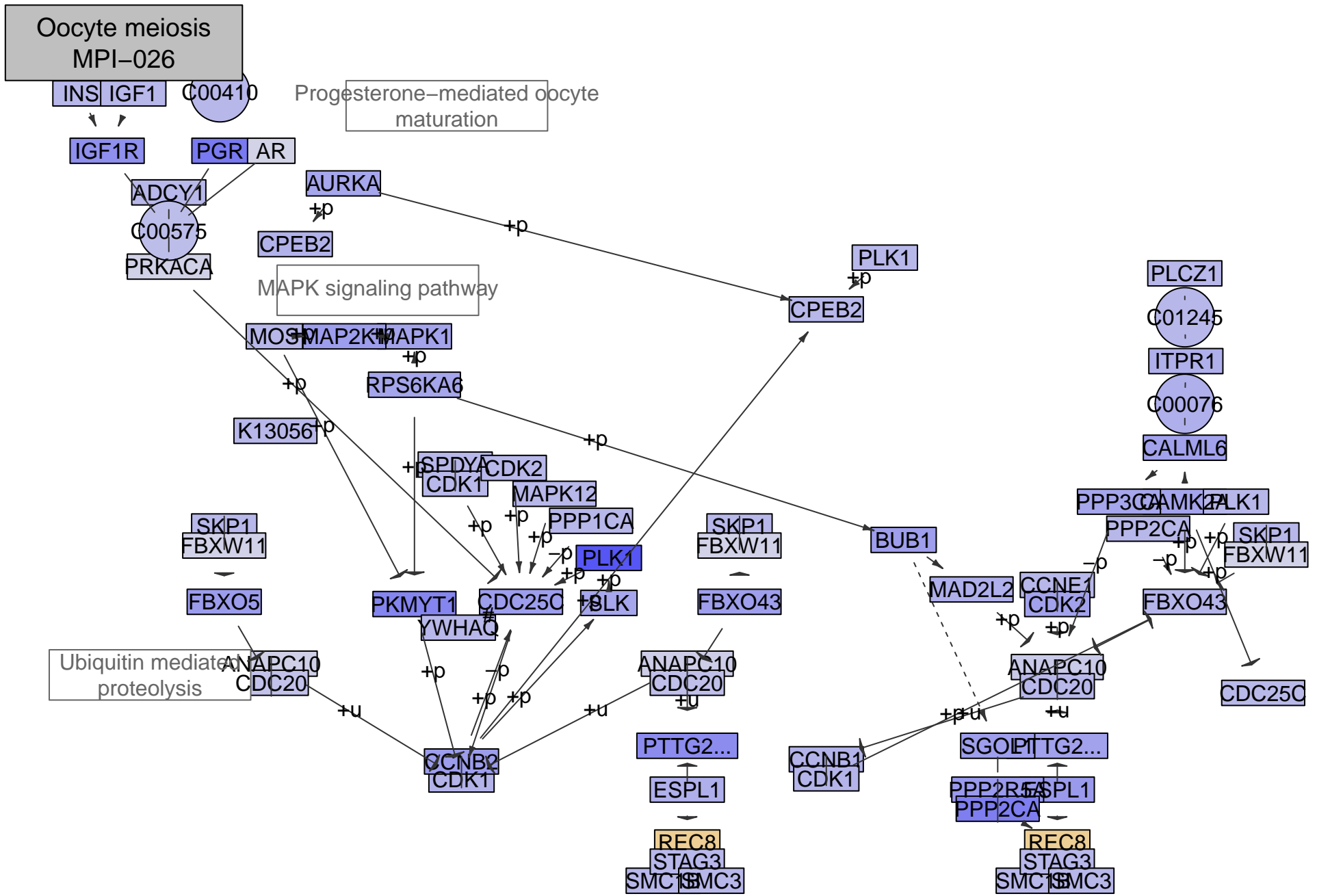




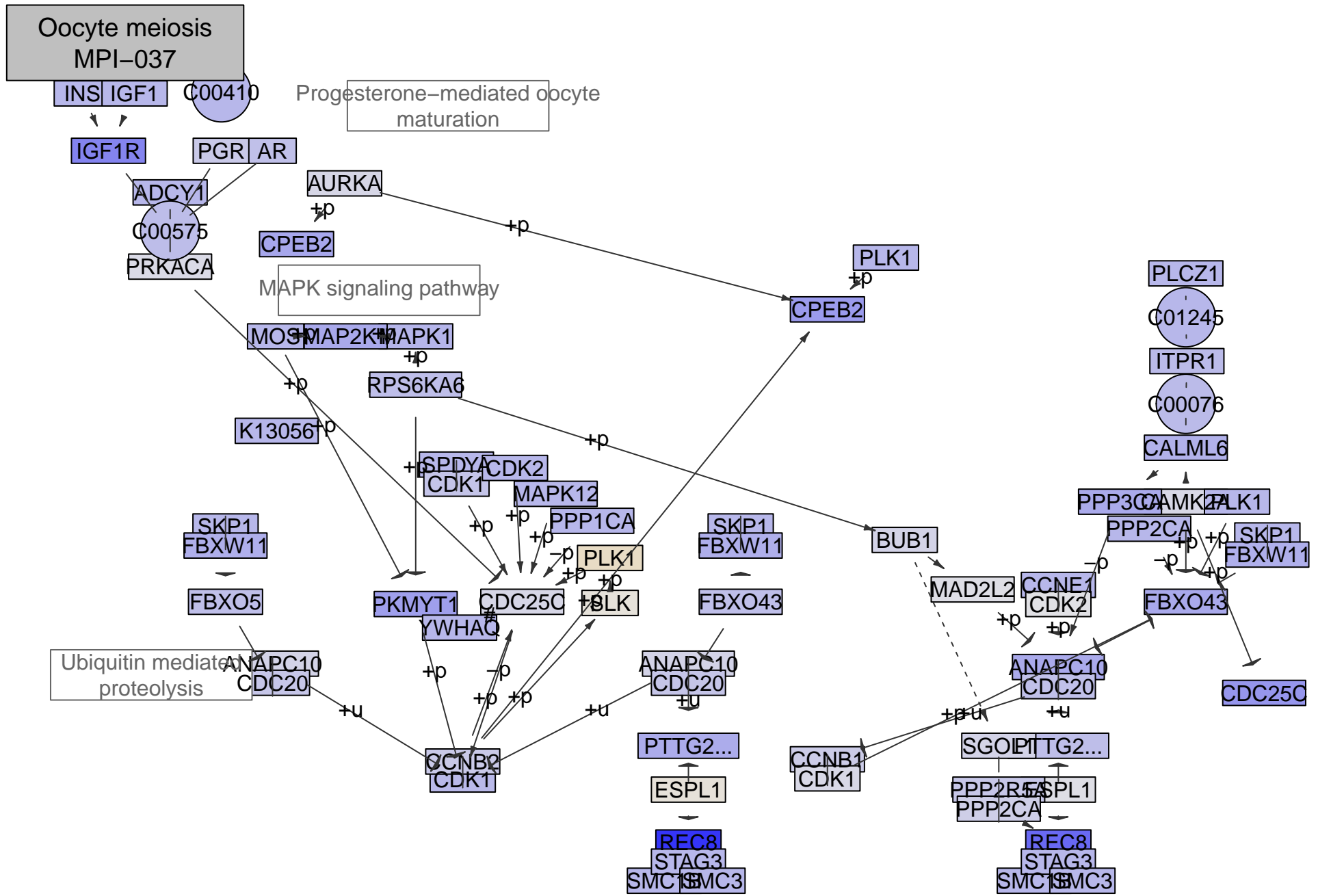


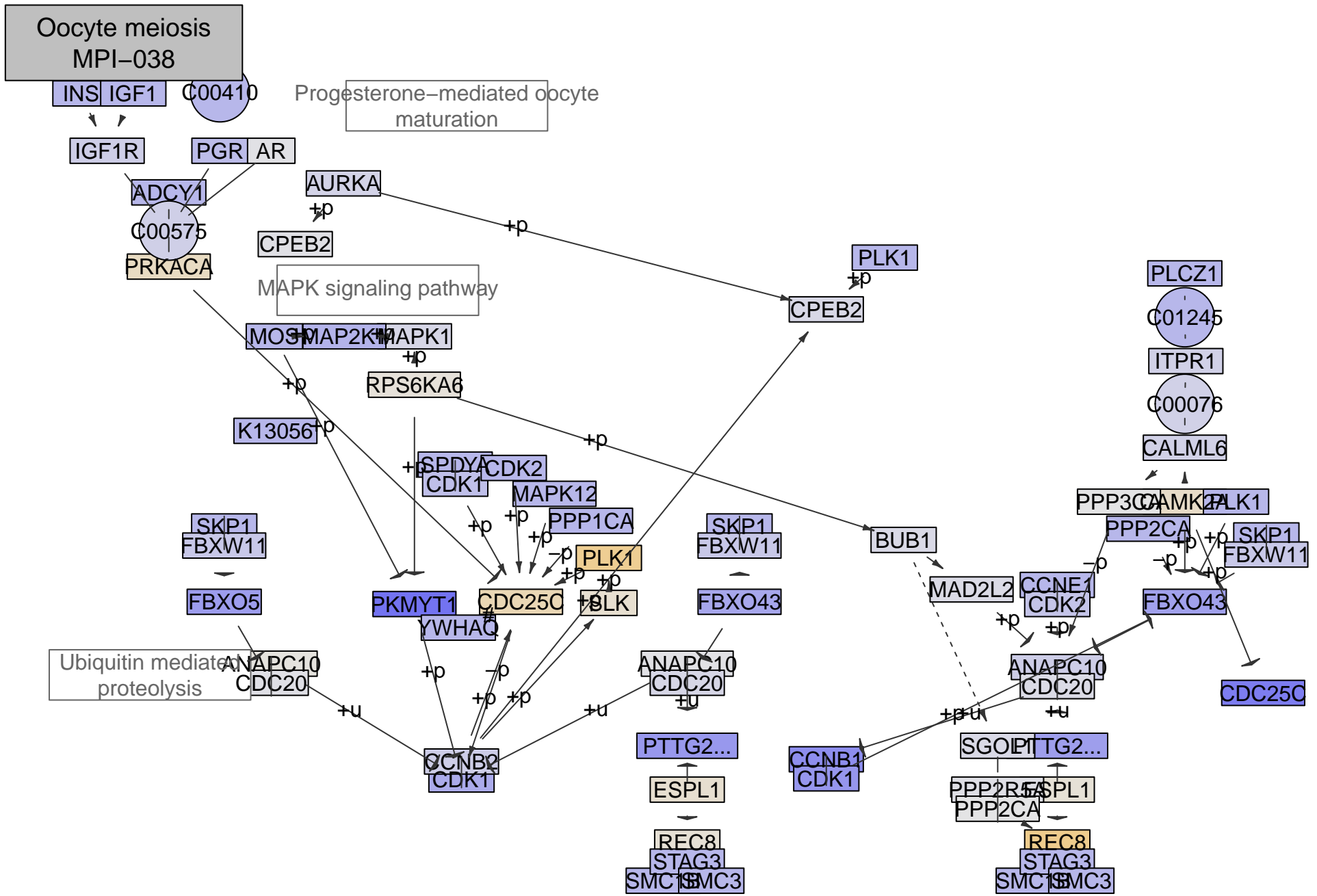


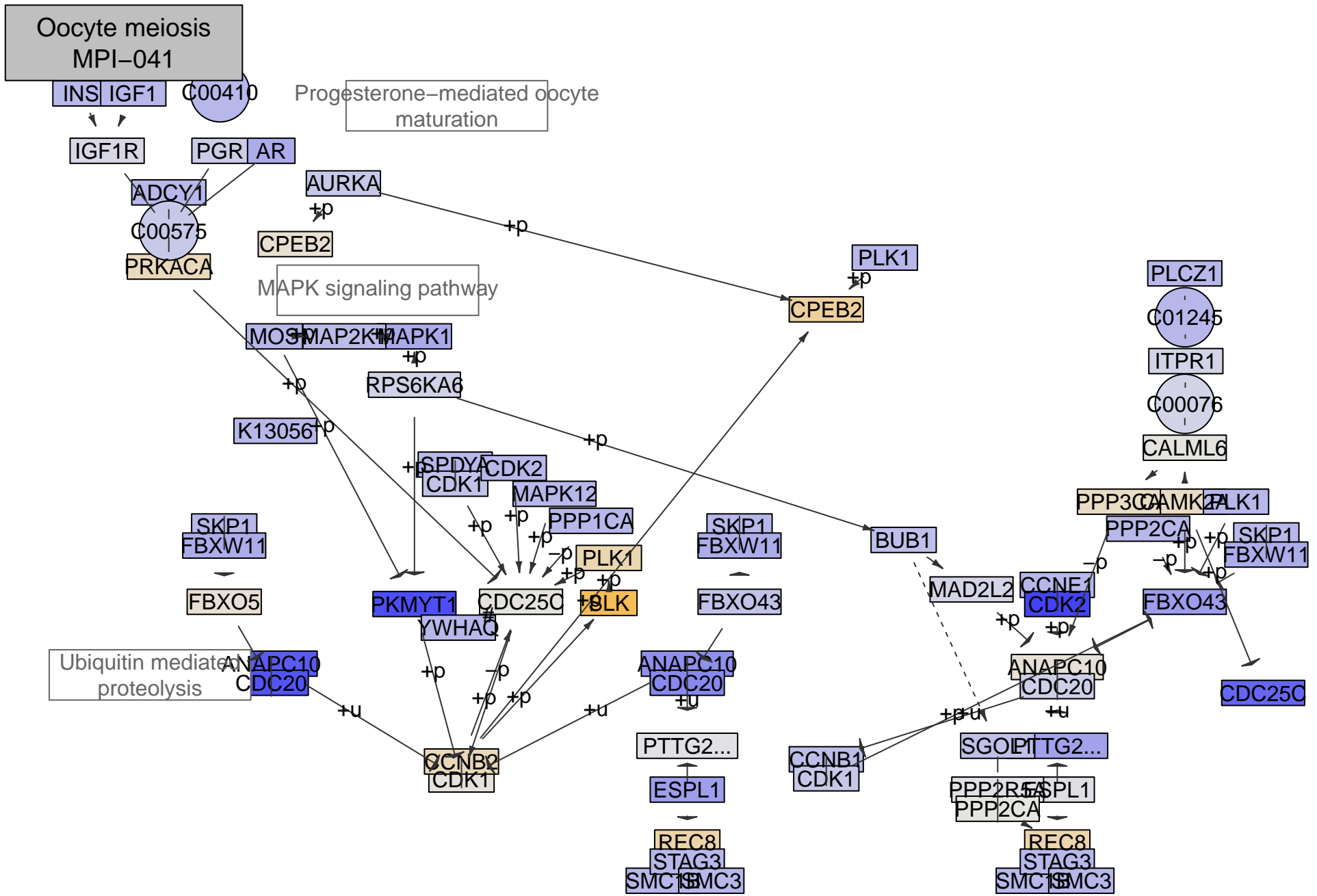


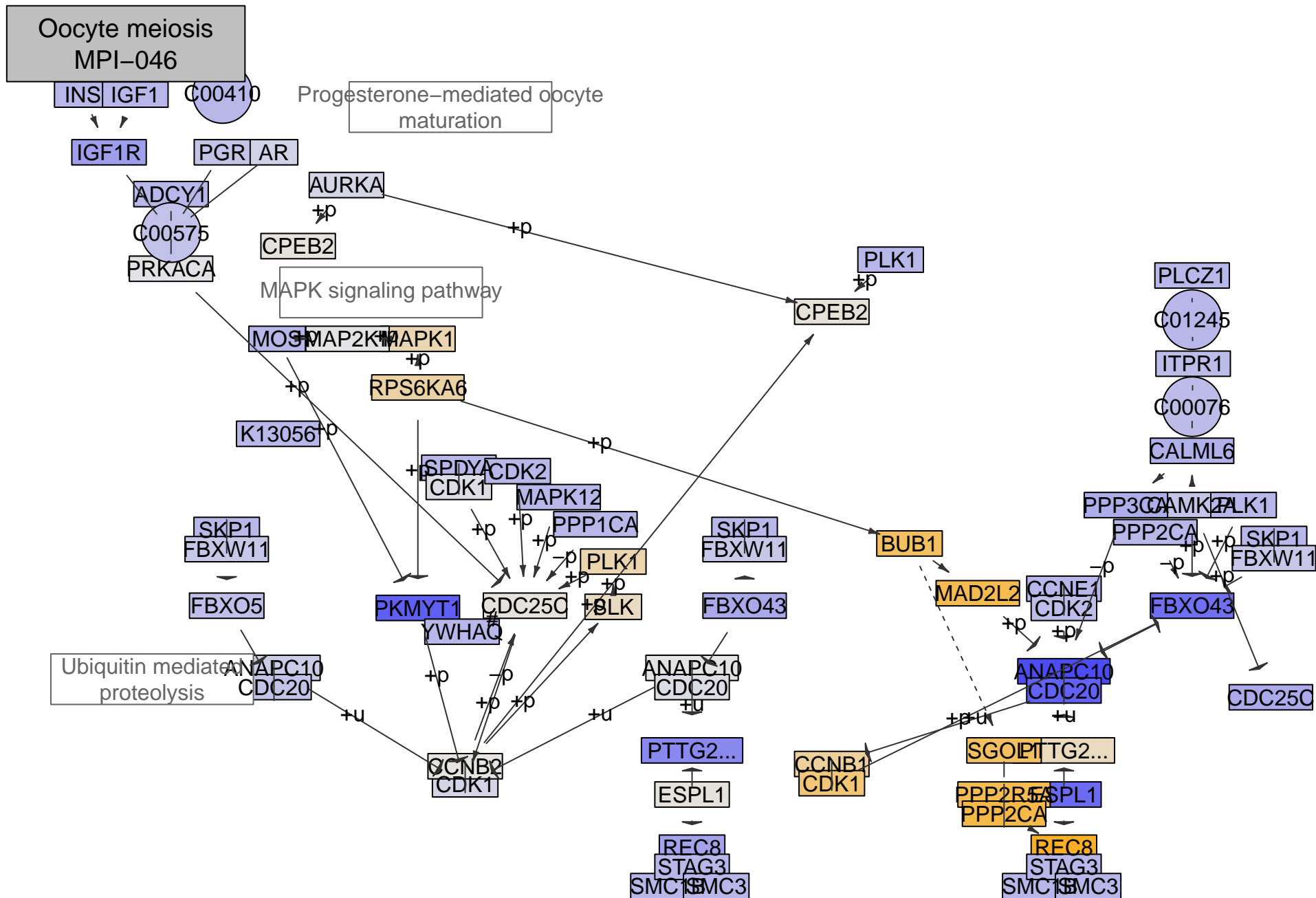




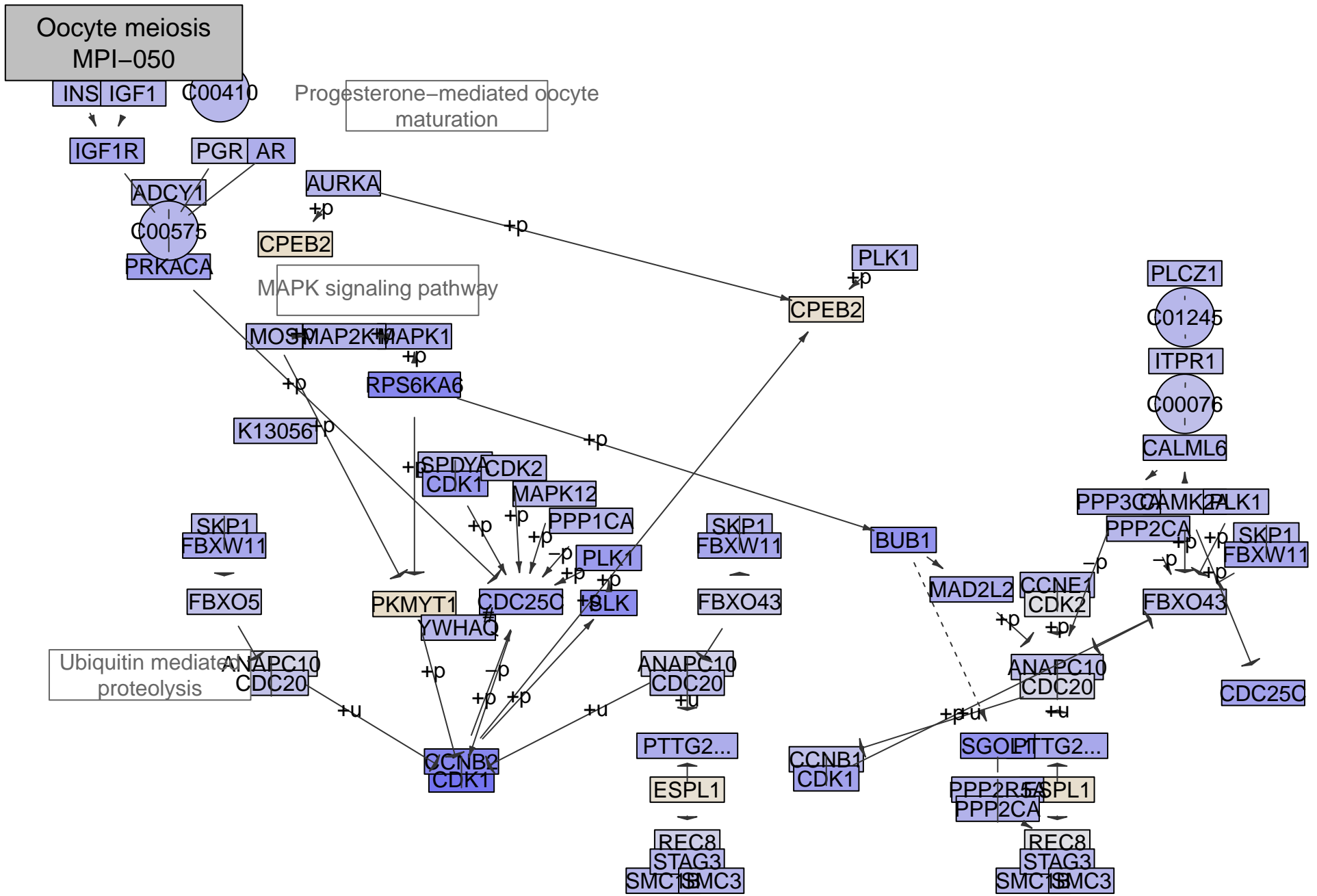


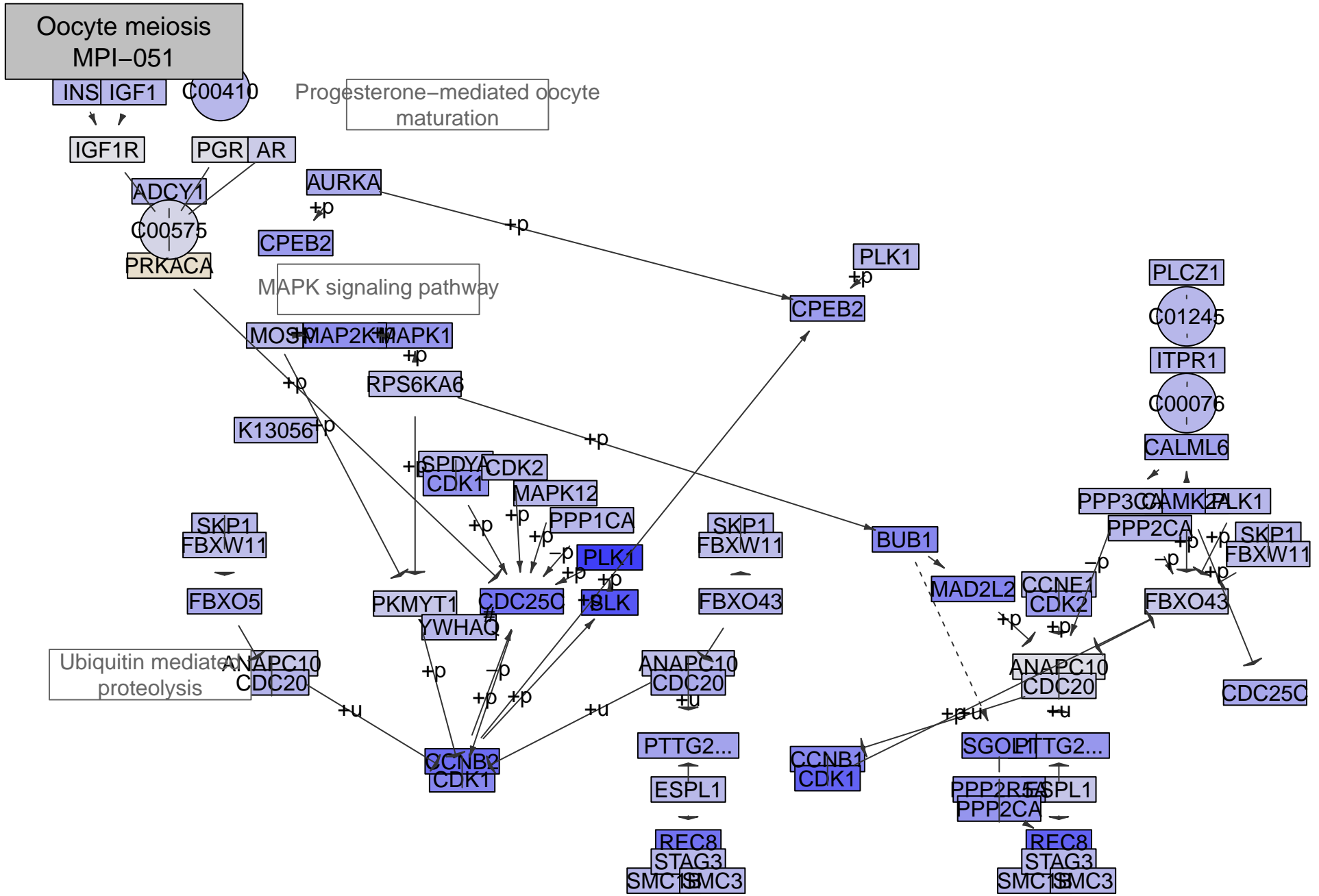


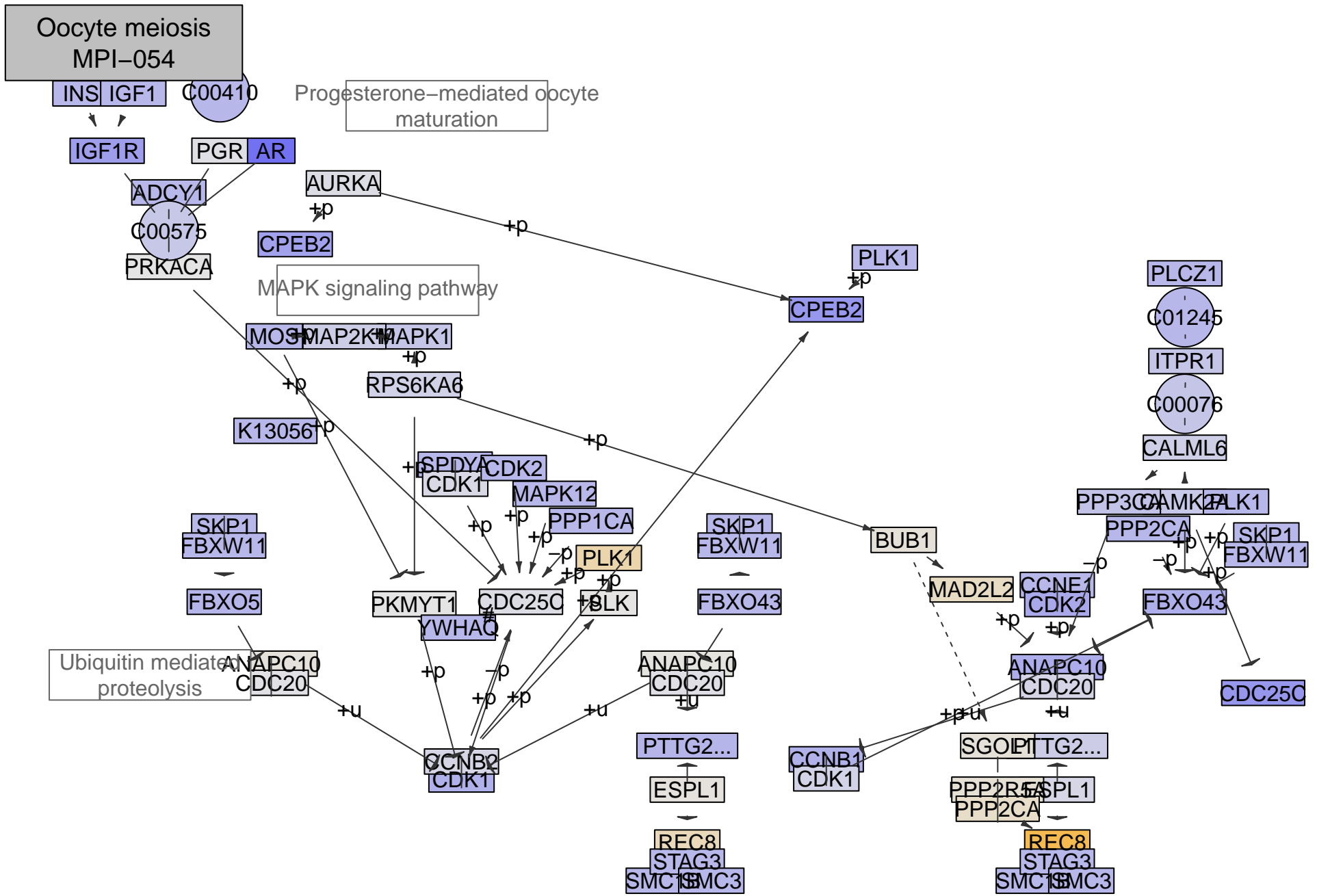


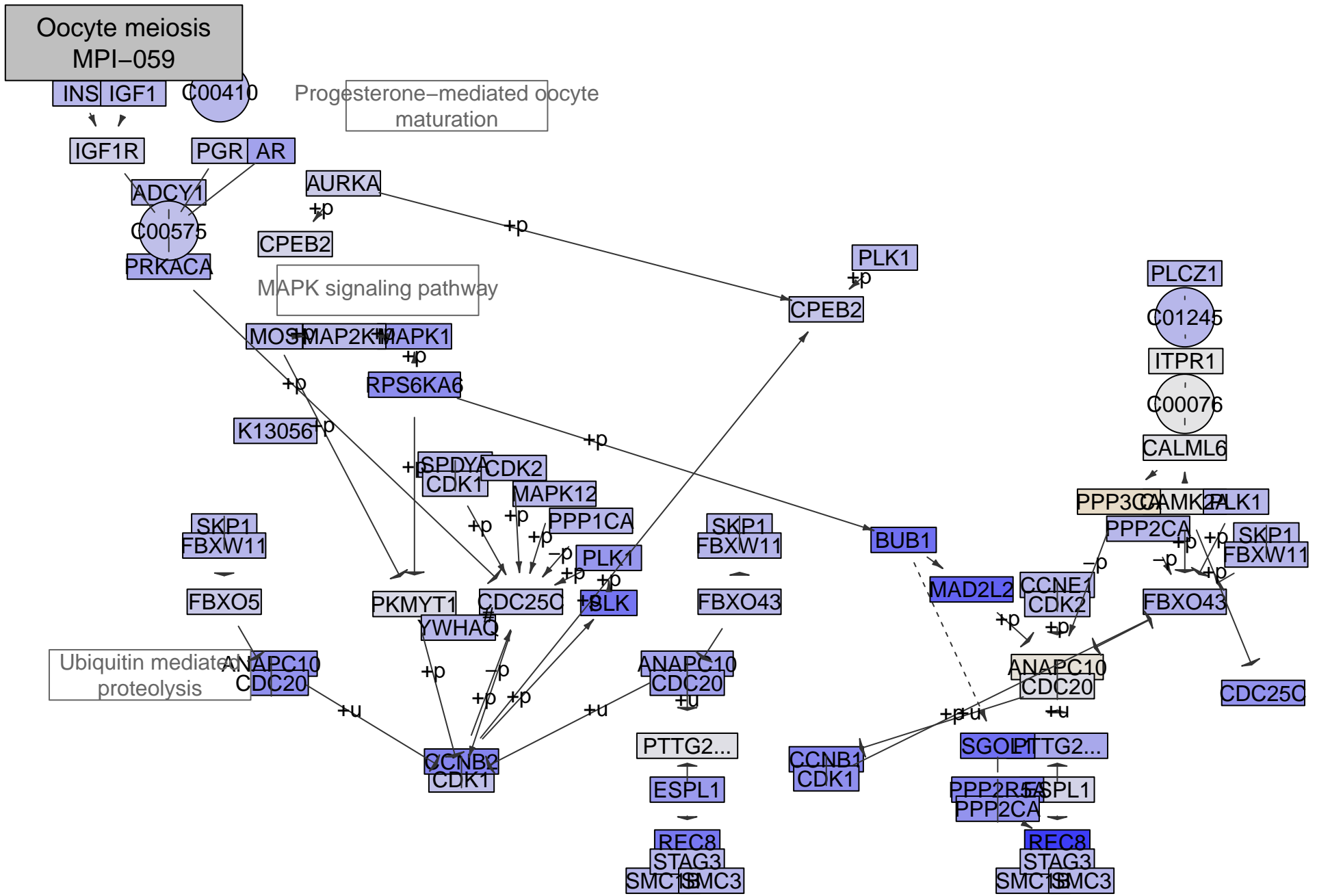


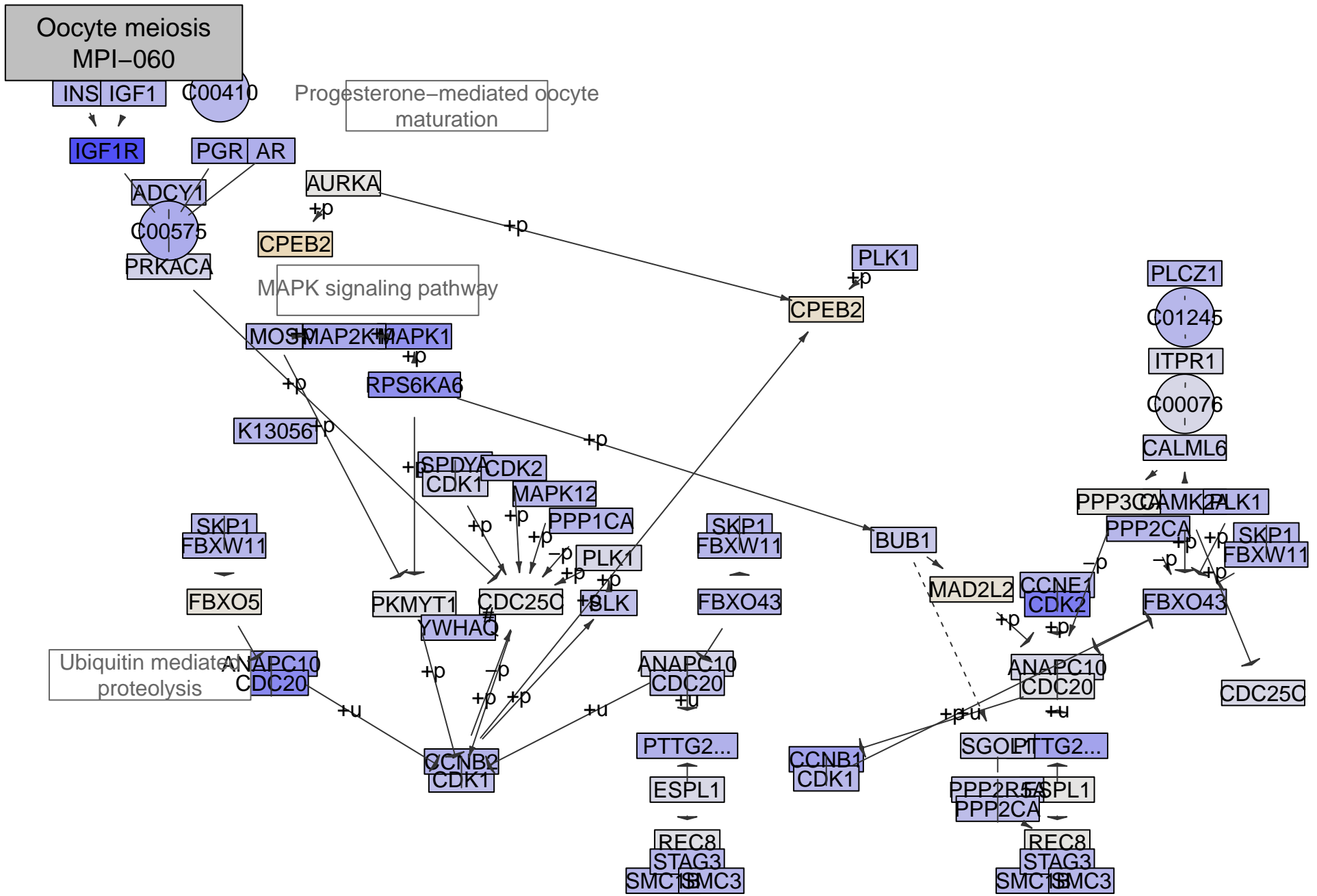


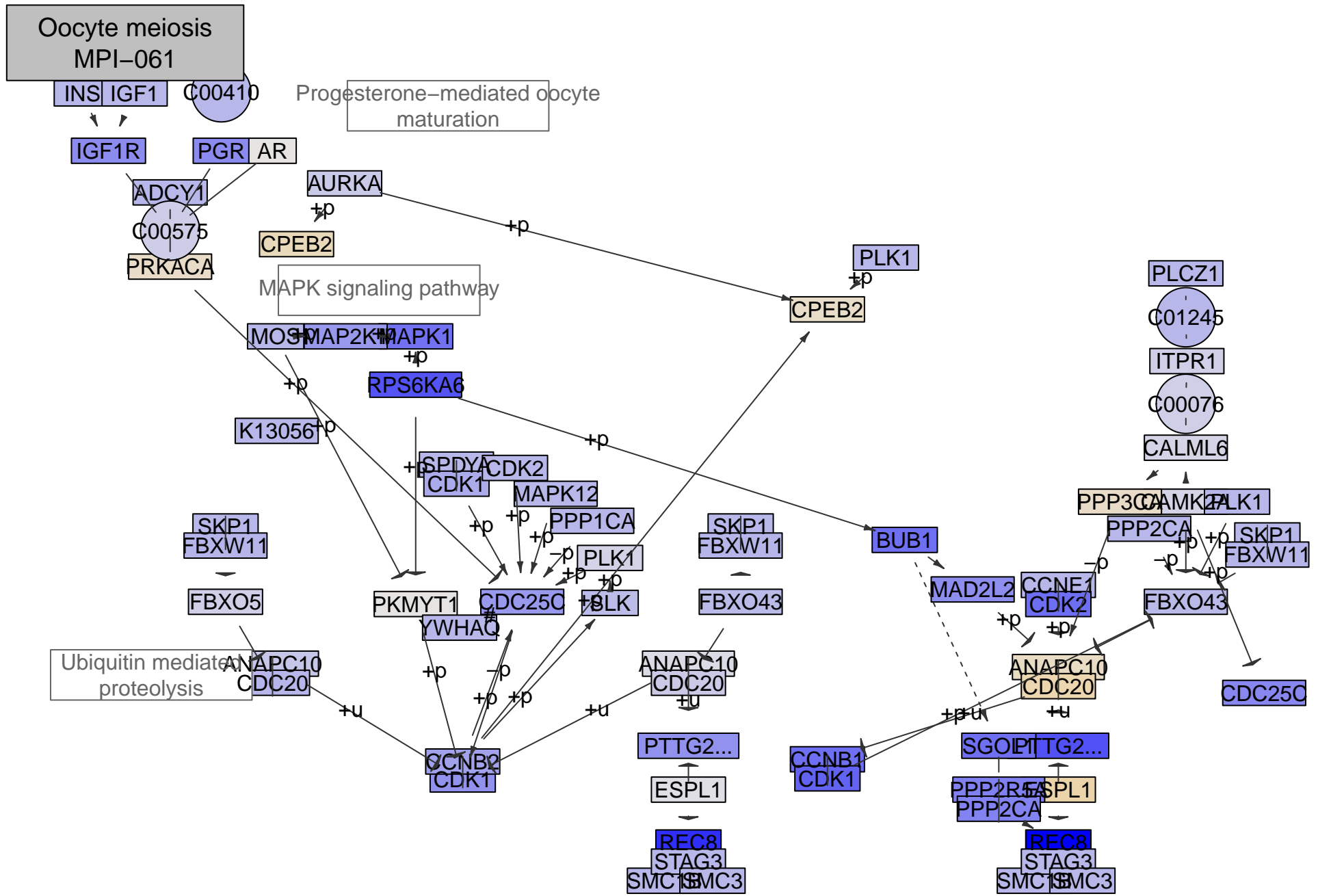


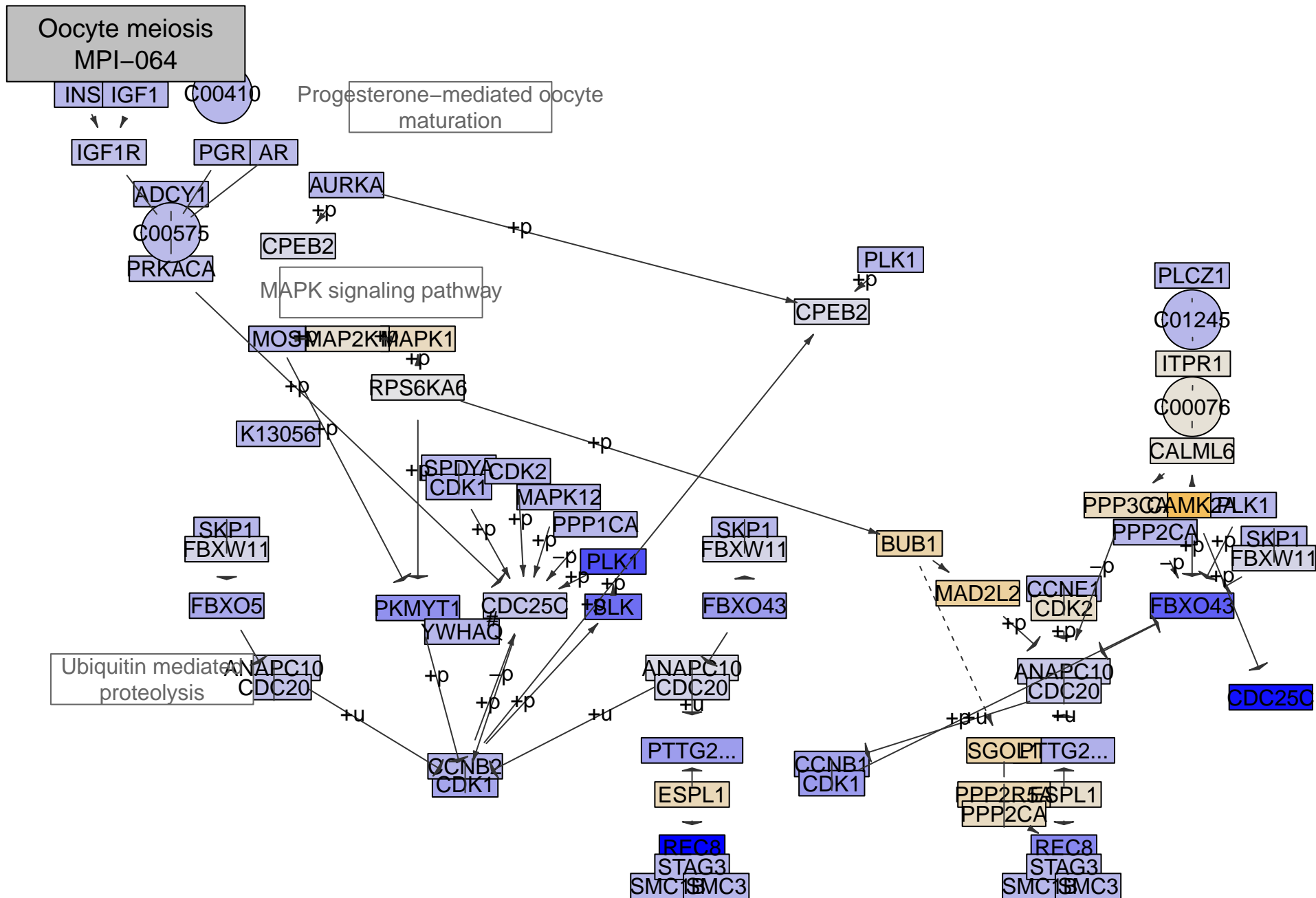


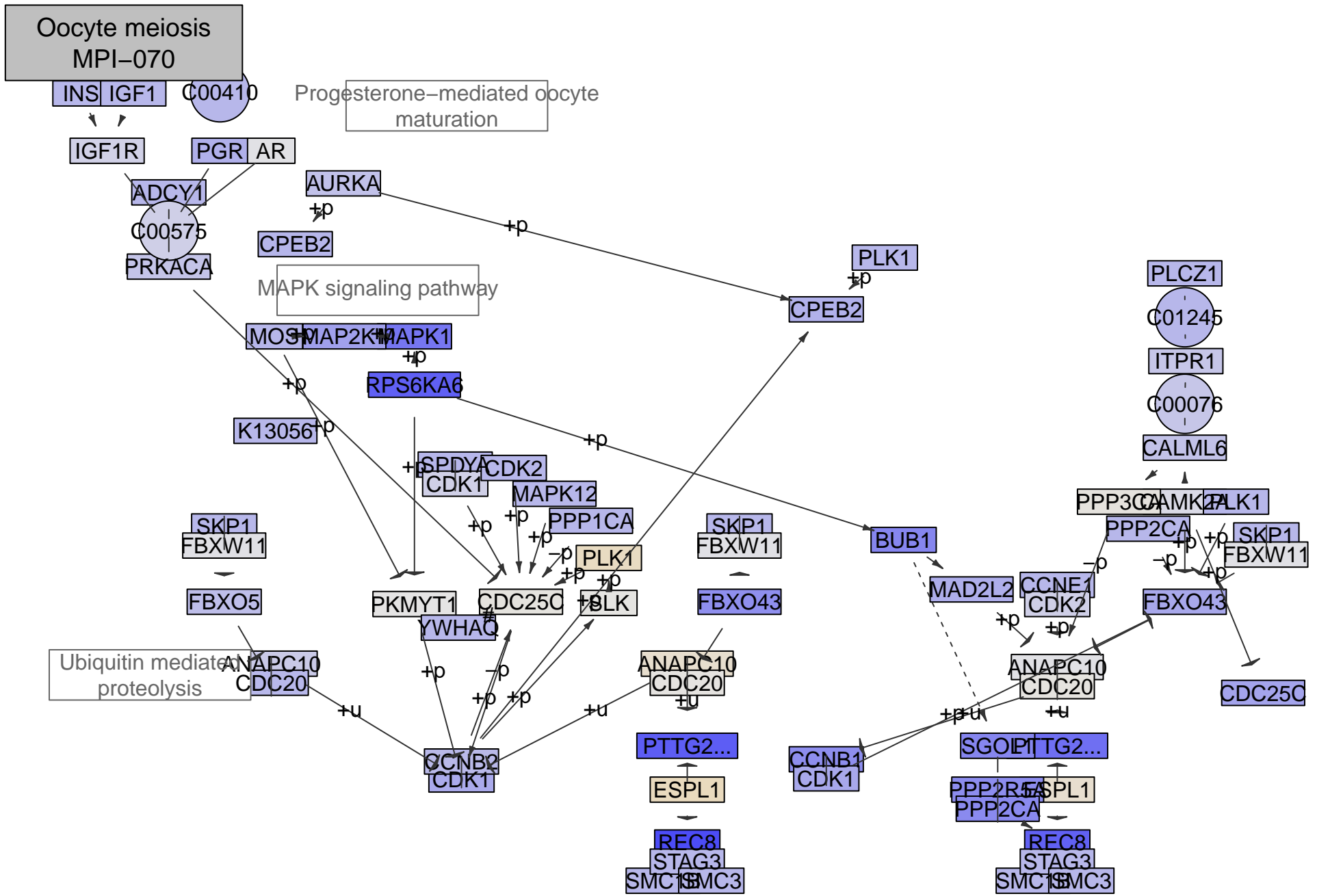




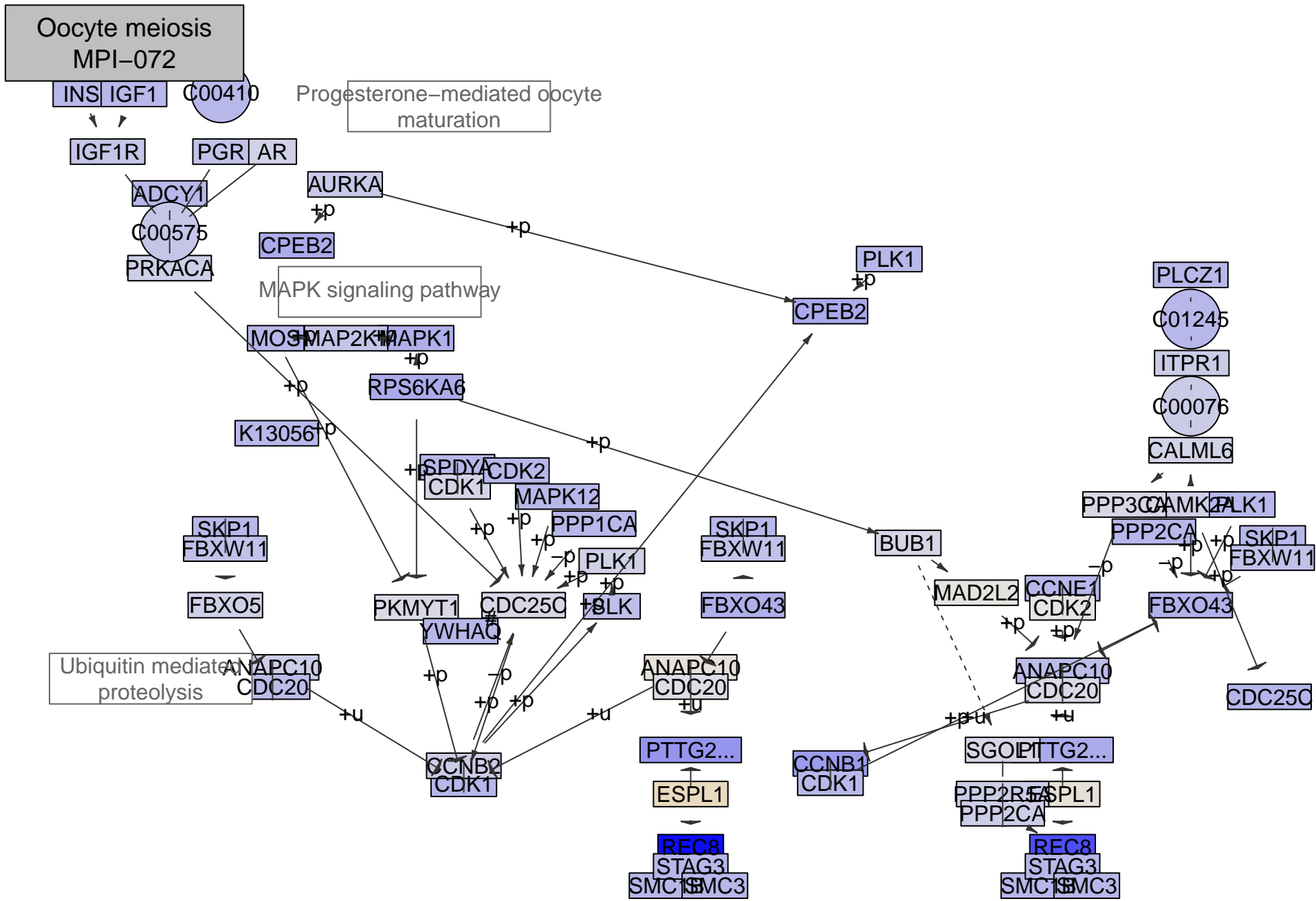




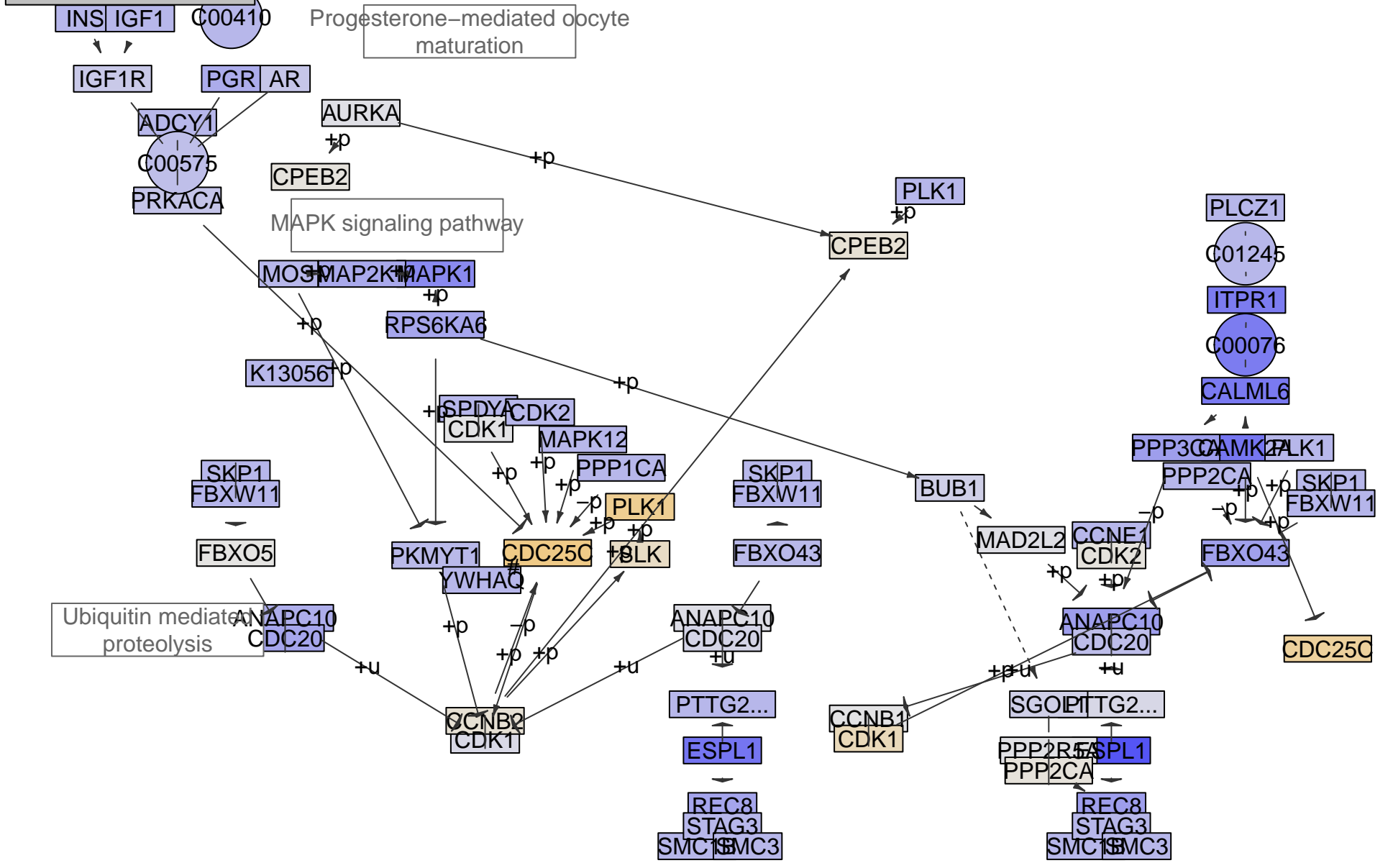


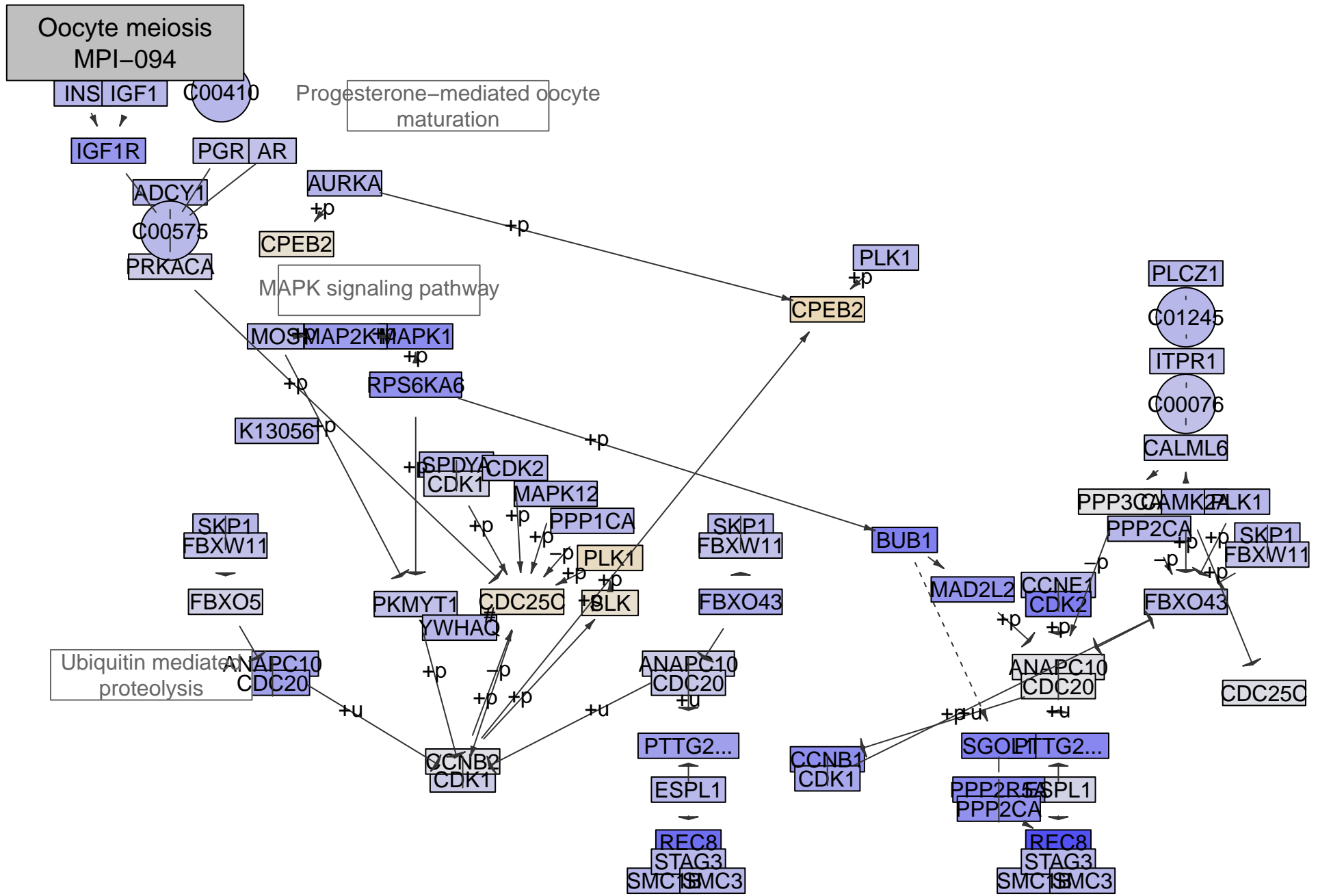


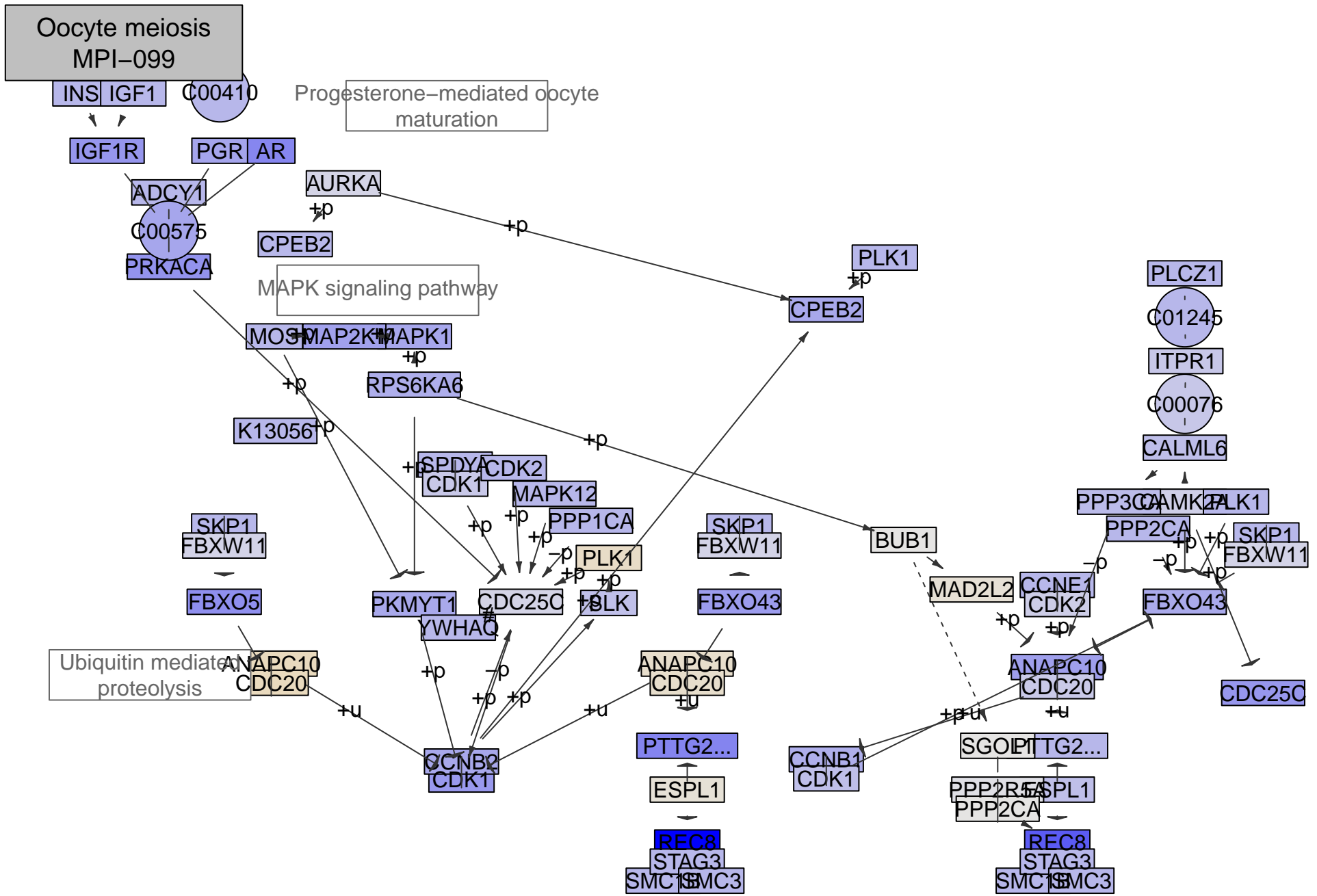


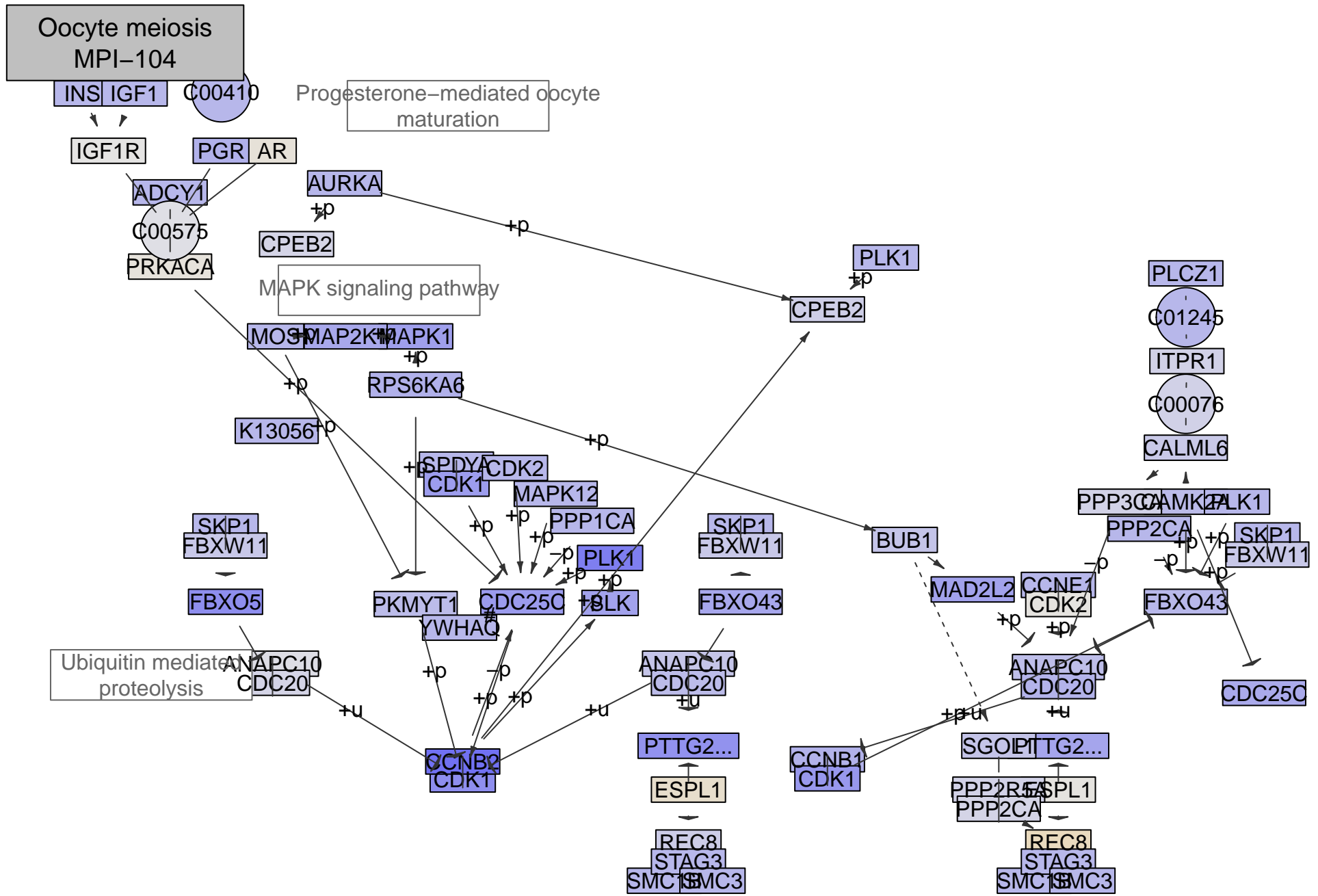


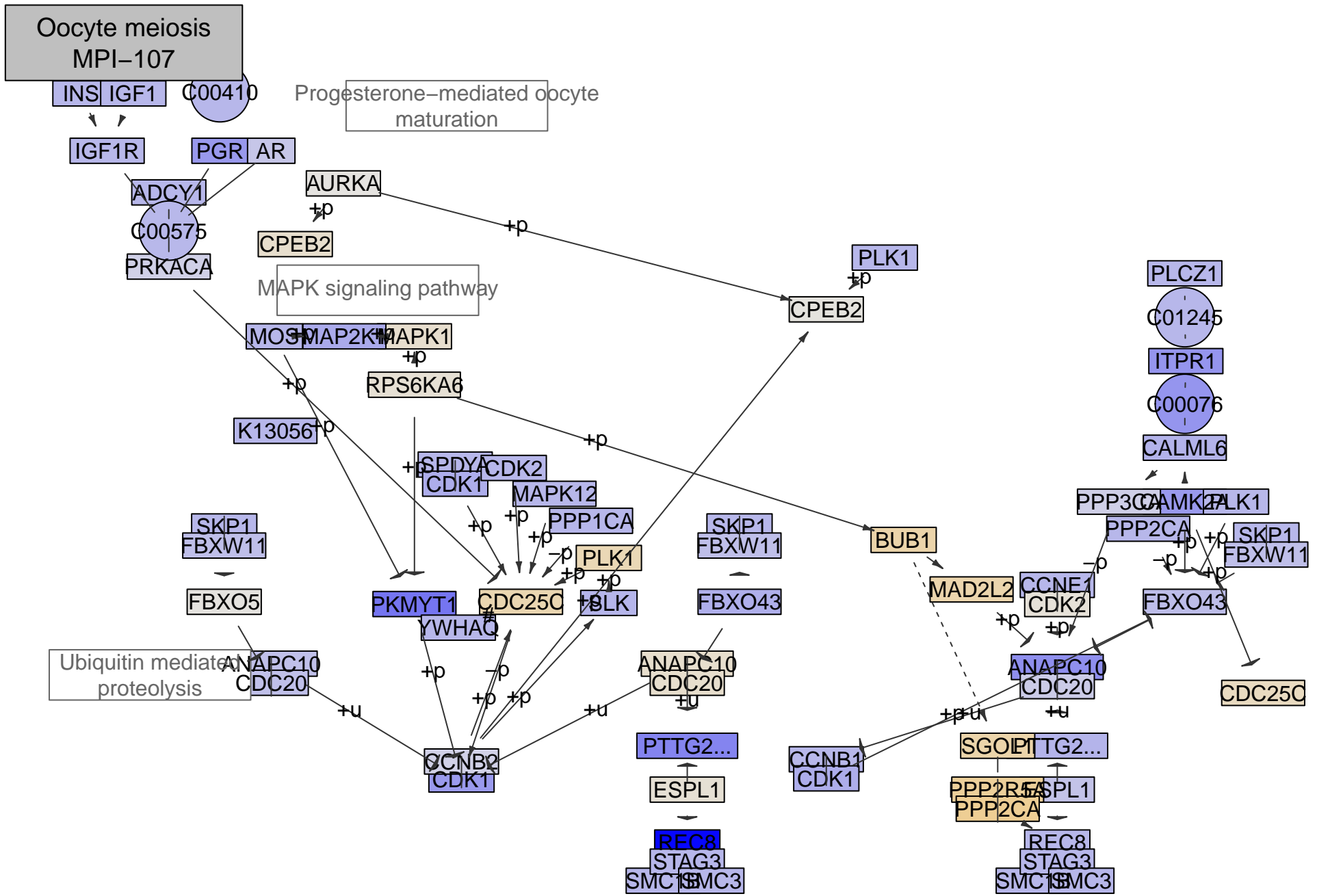
Oocyte meiosis  
MPI-093

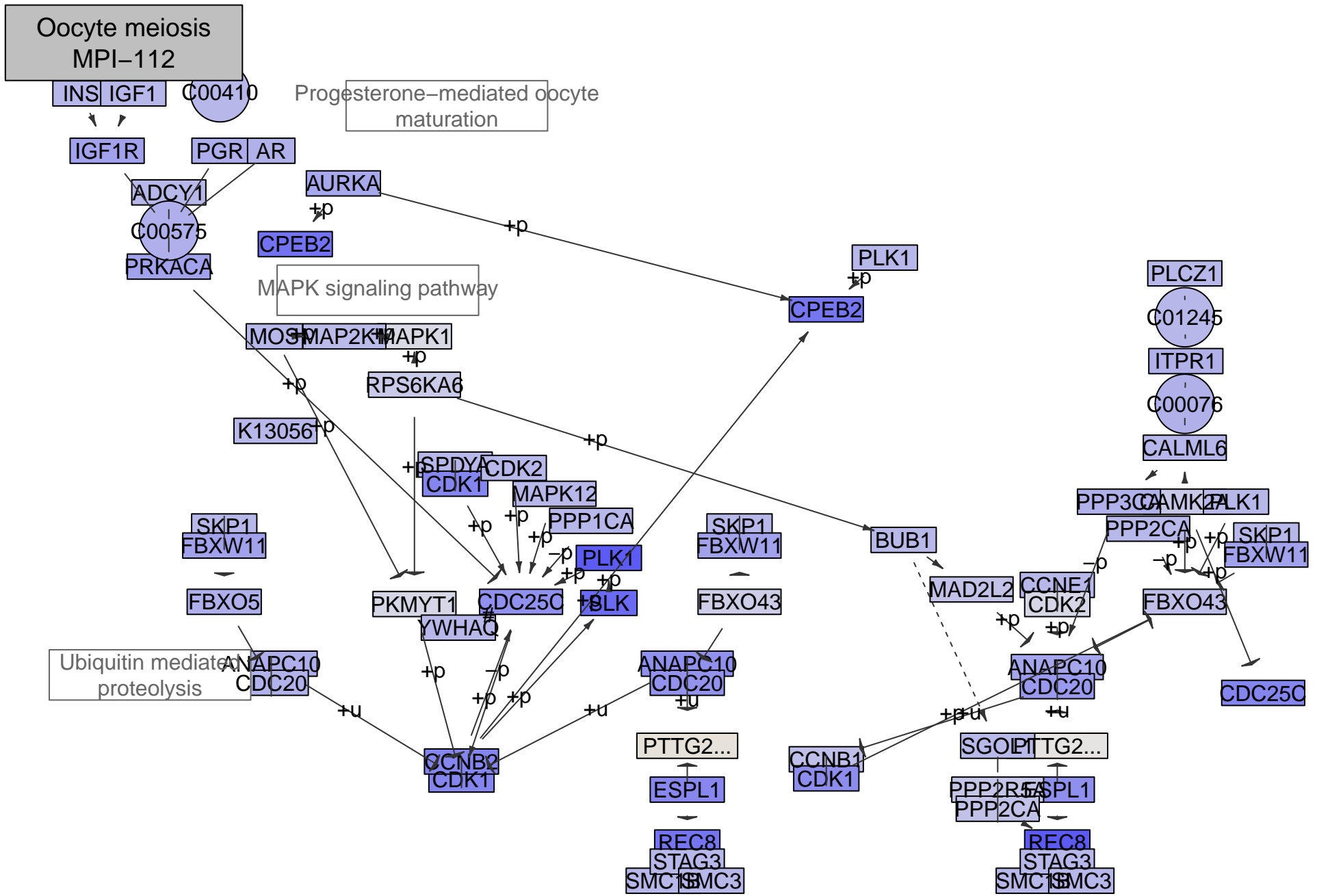






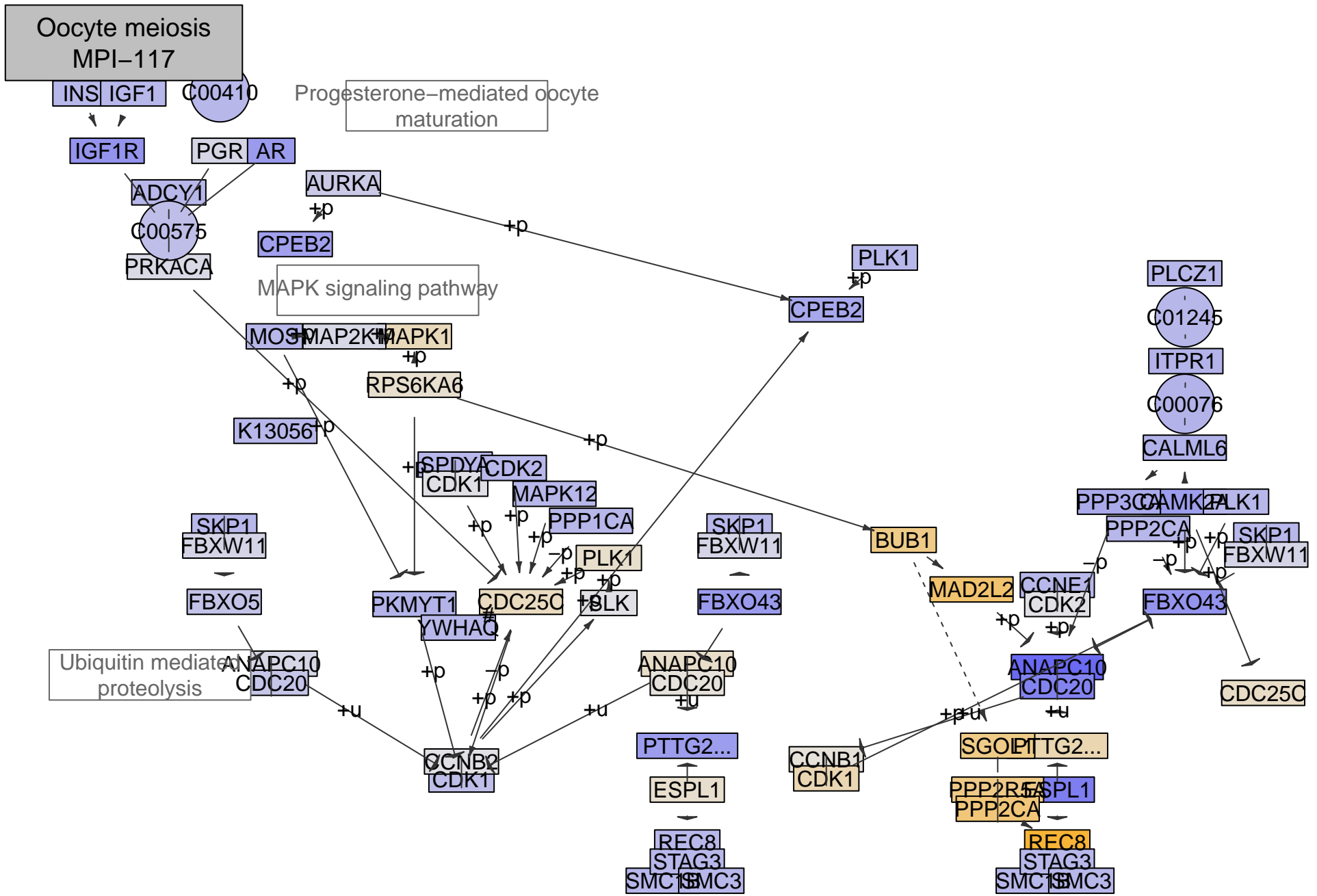


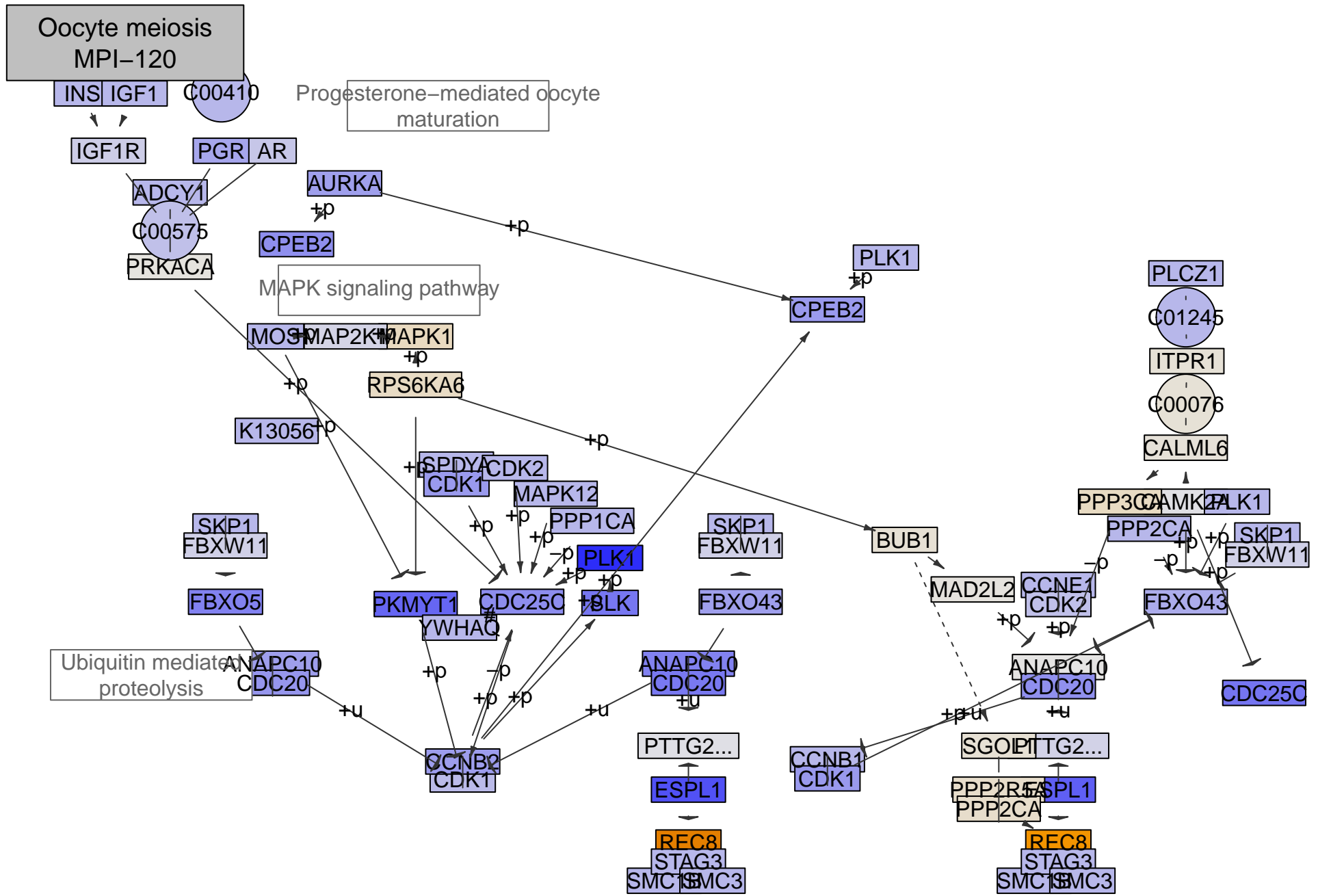


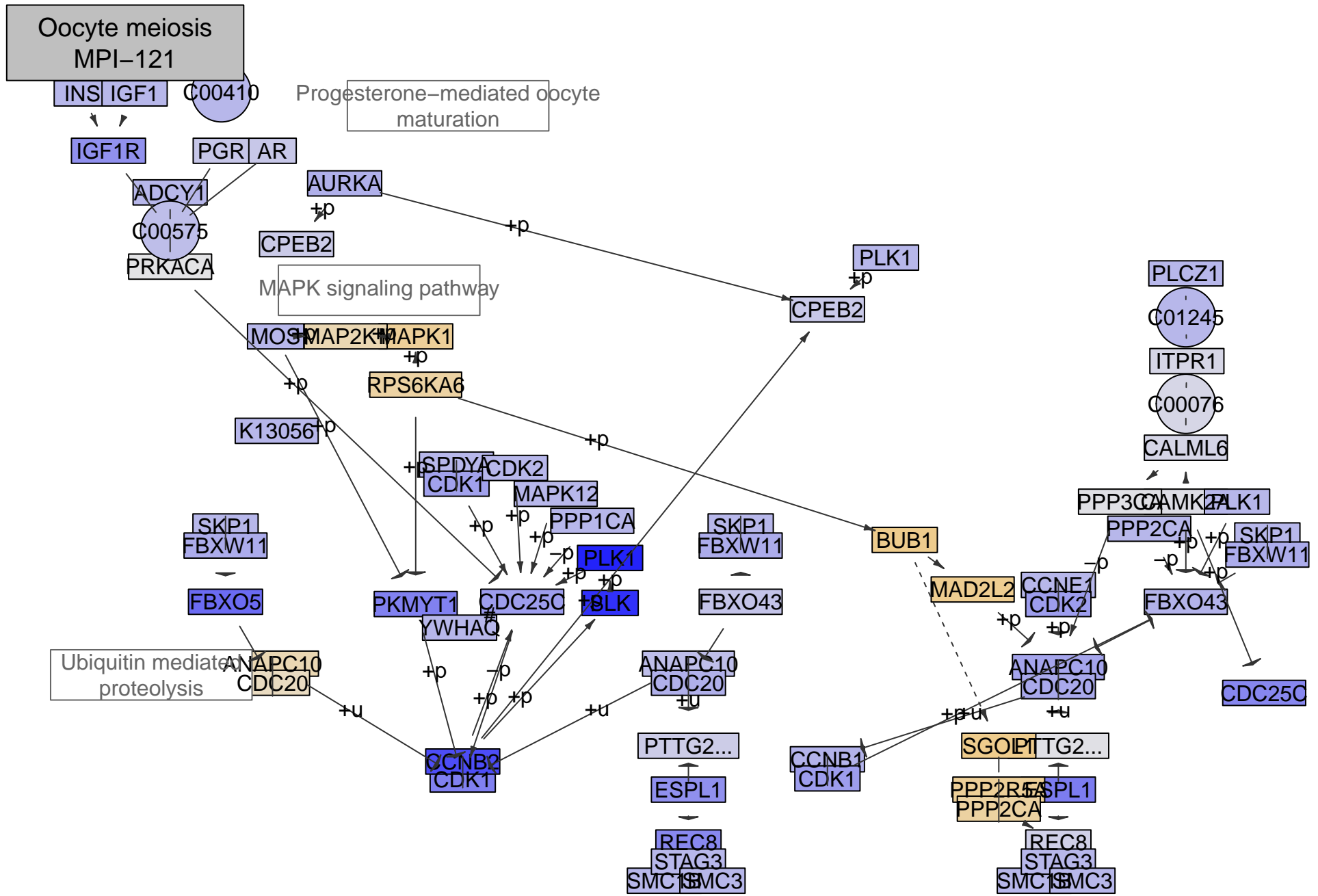


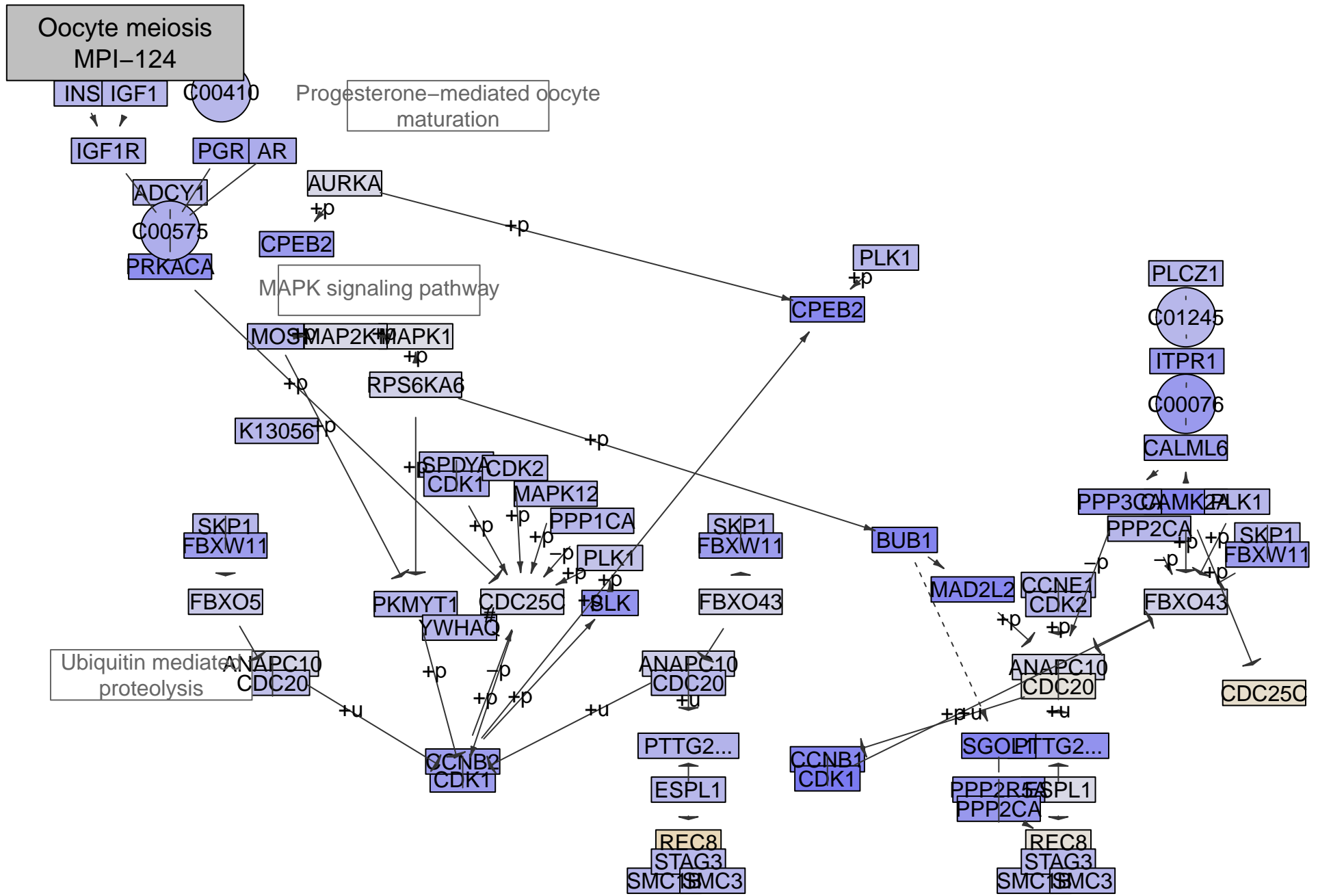




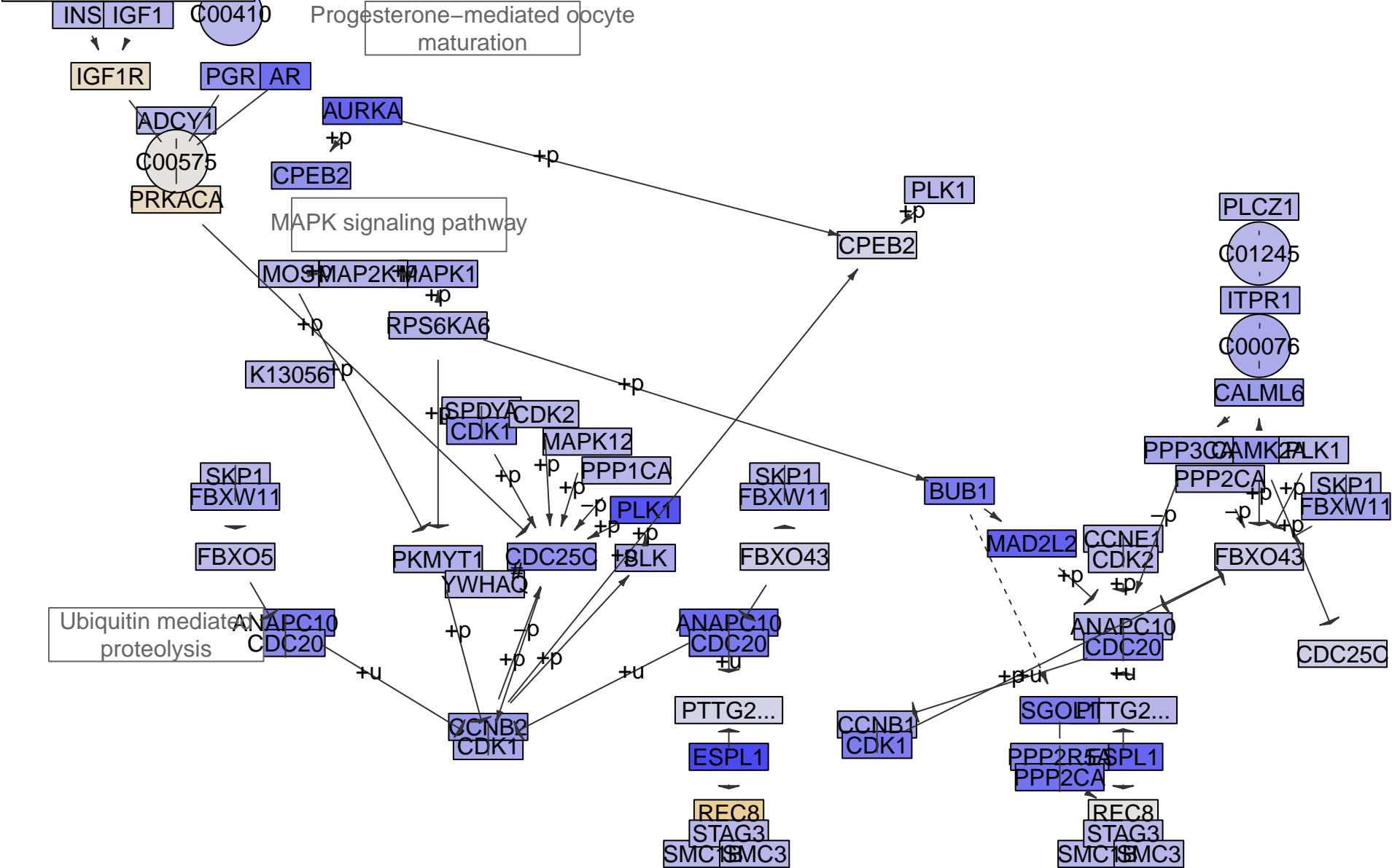


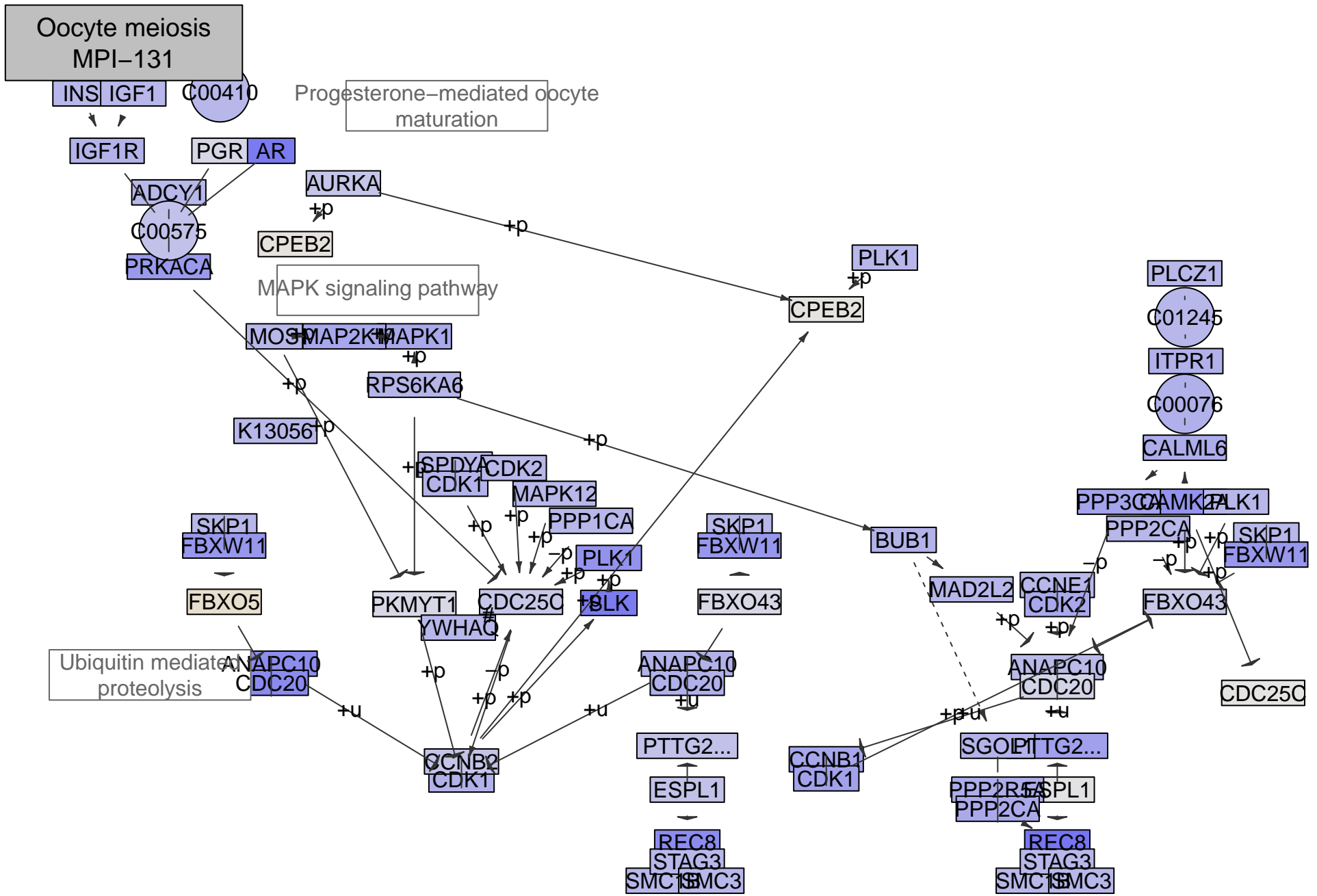


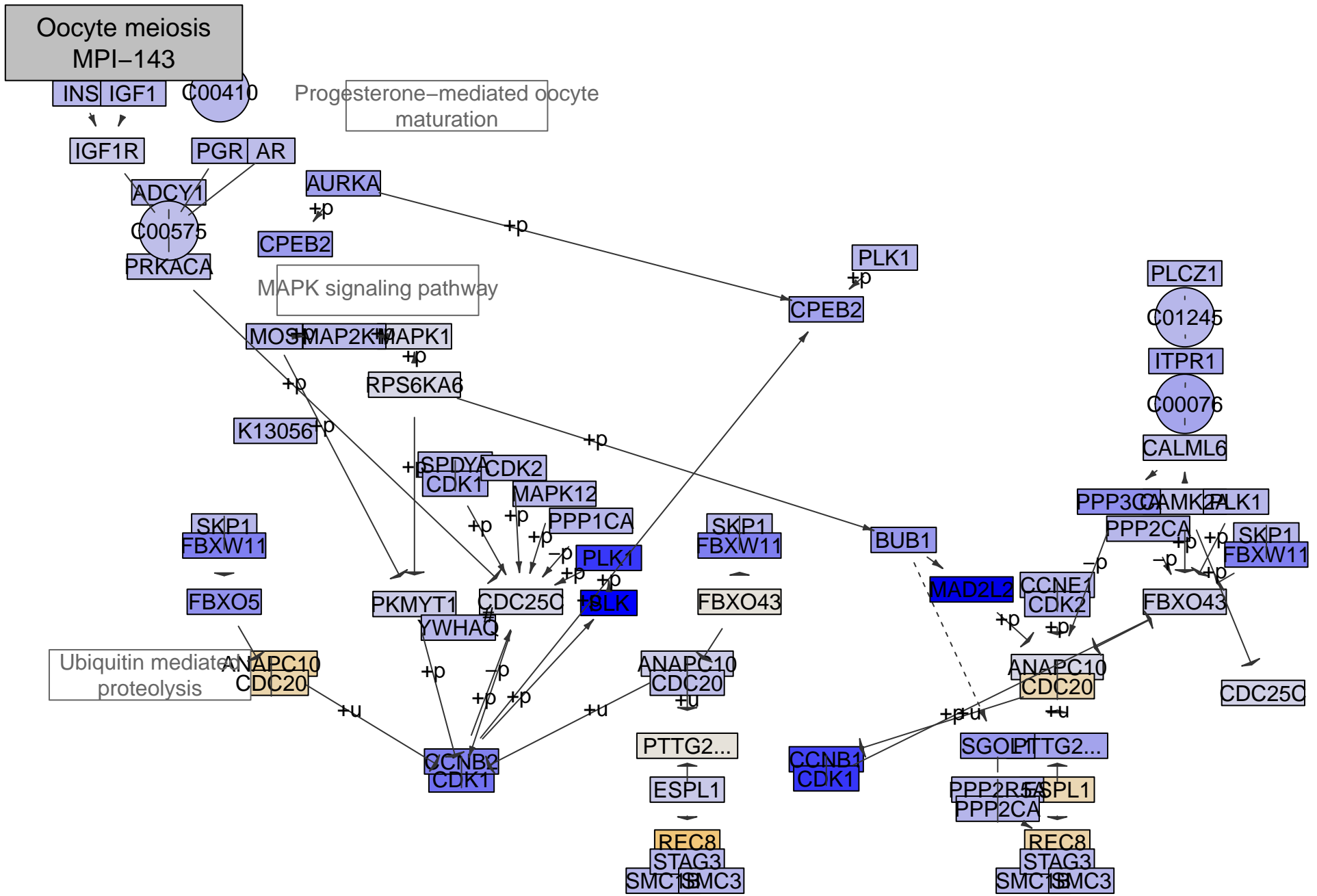


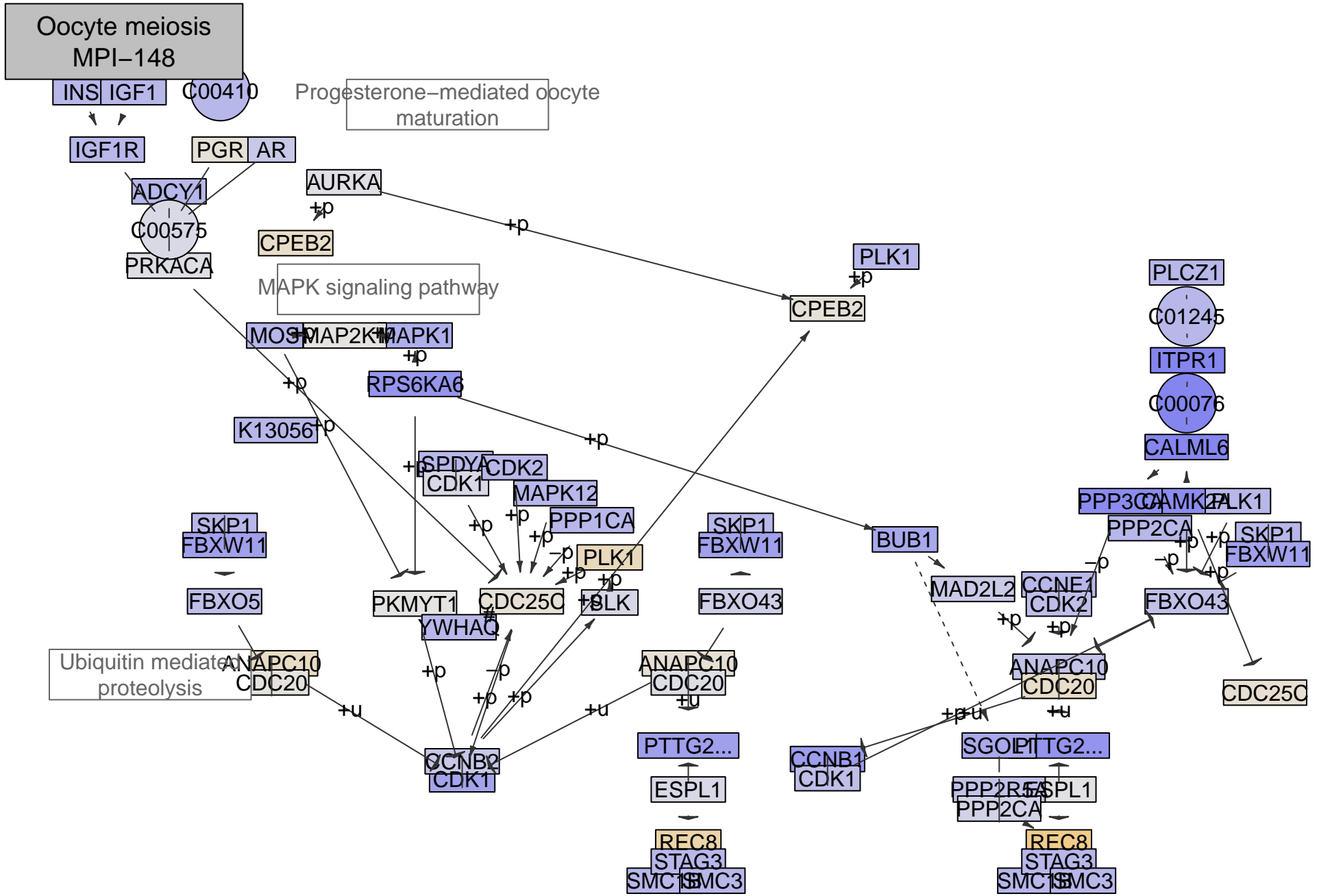


Oocyte meiosis  
MPI-126

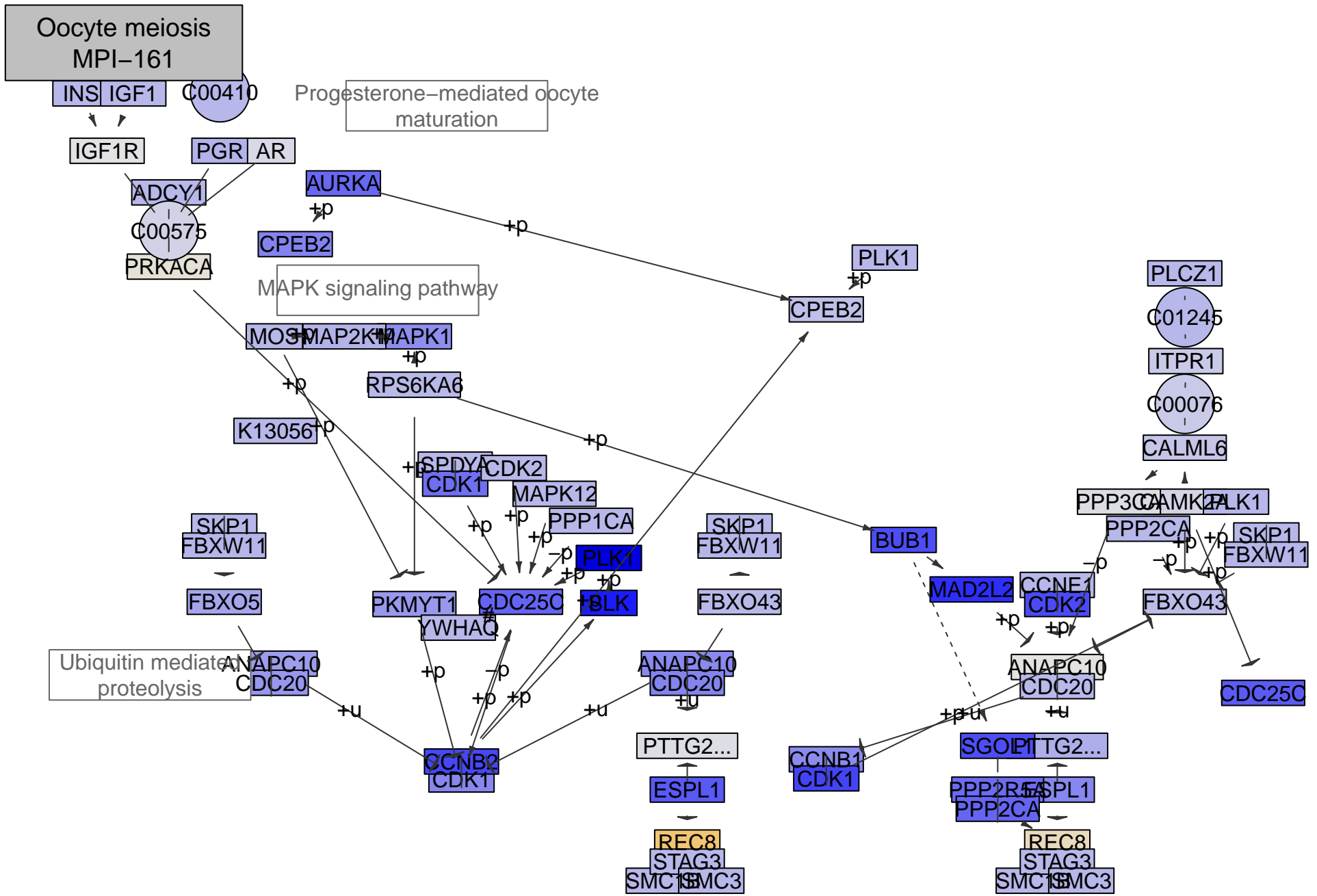


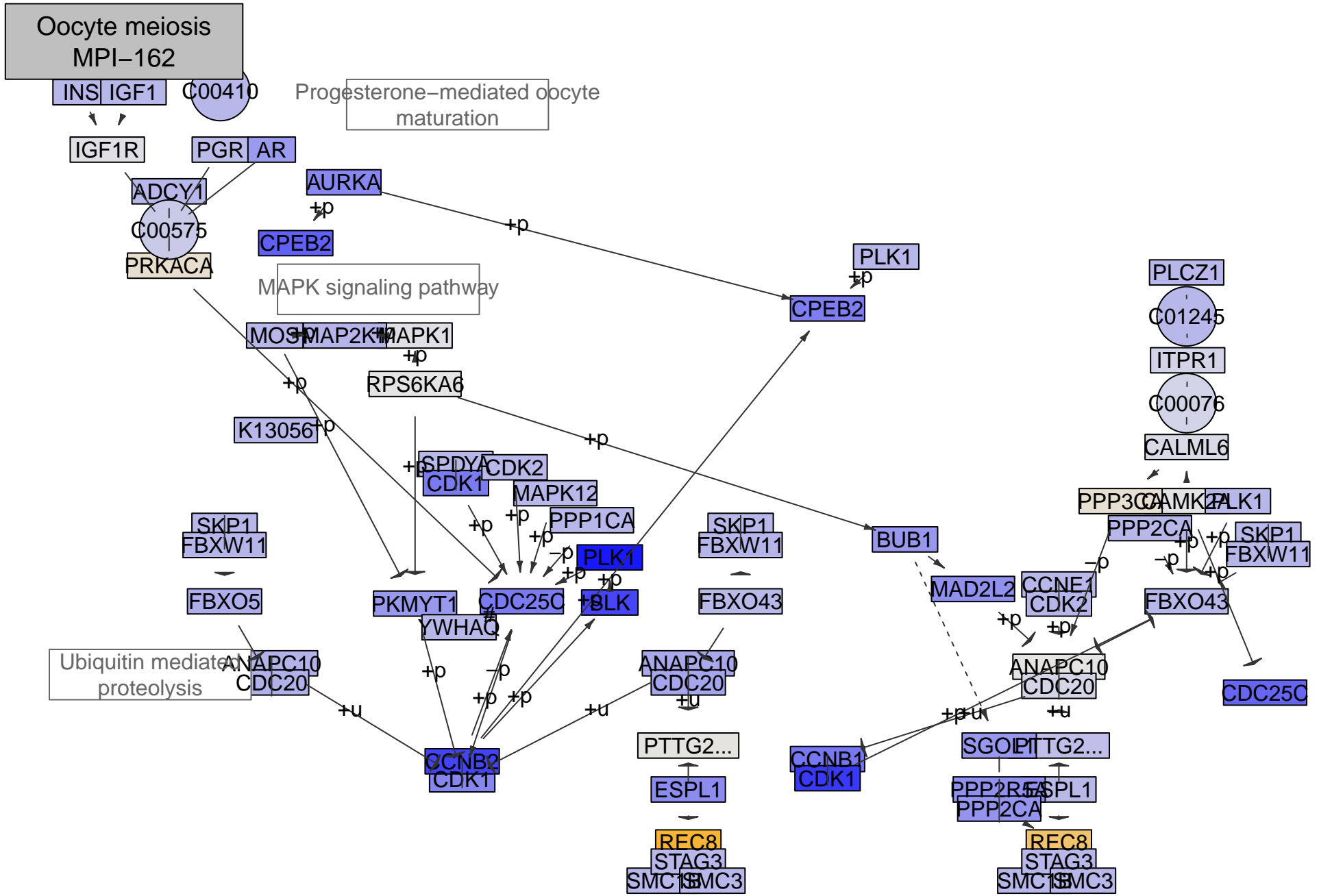


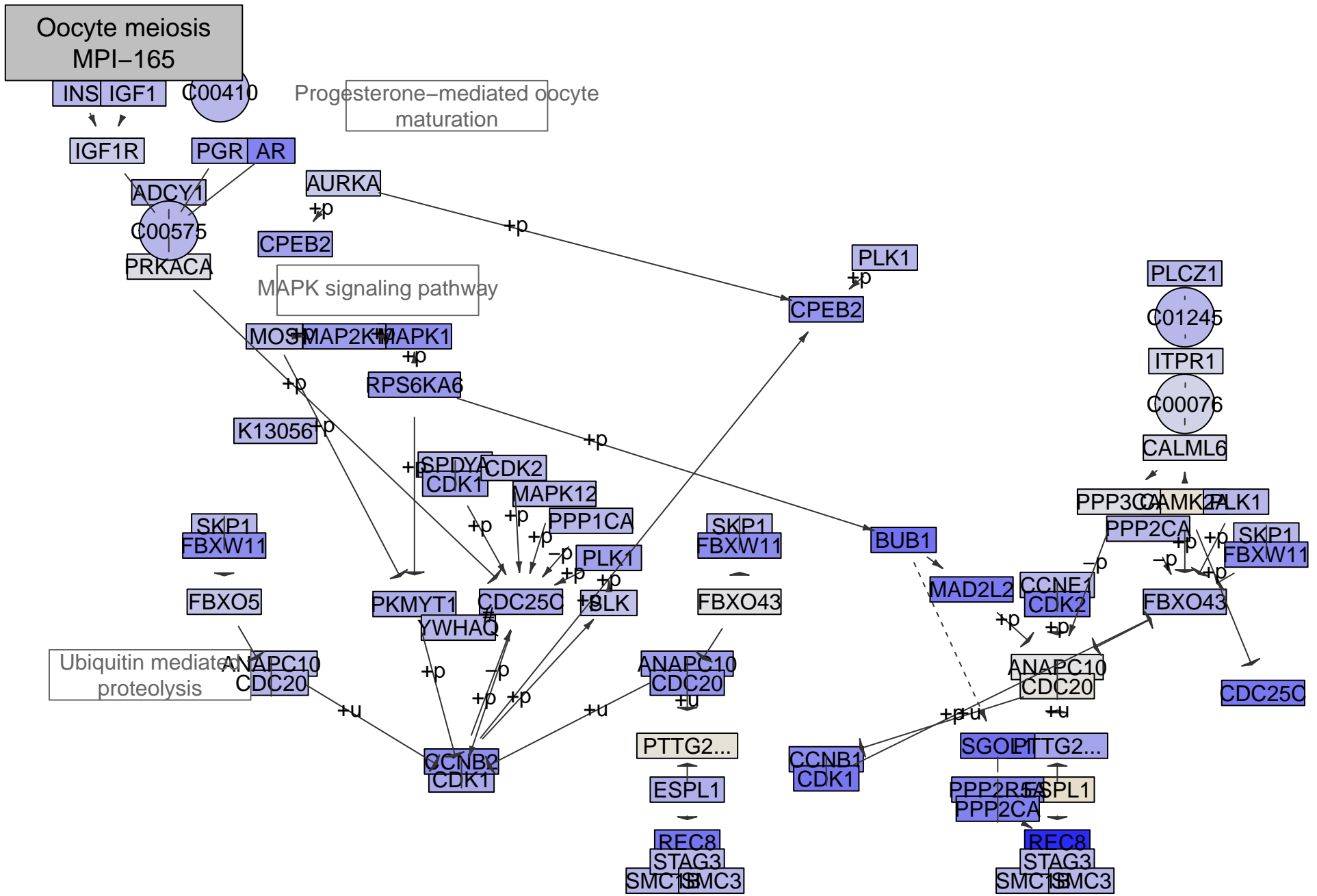


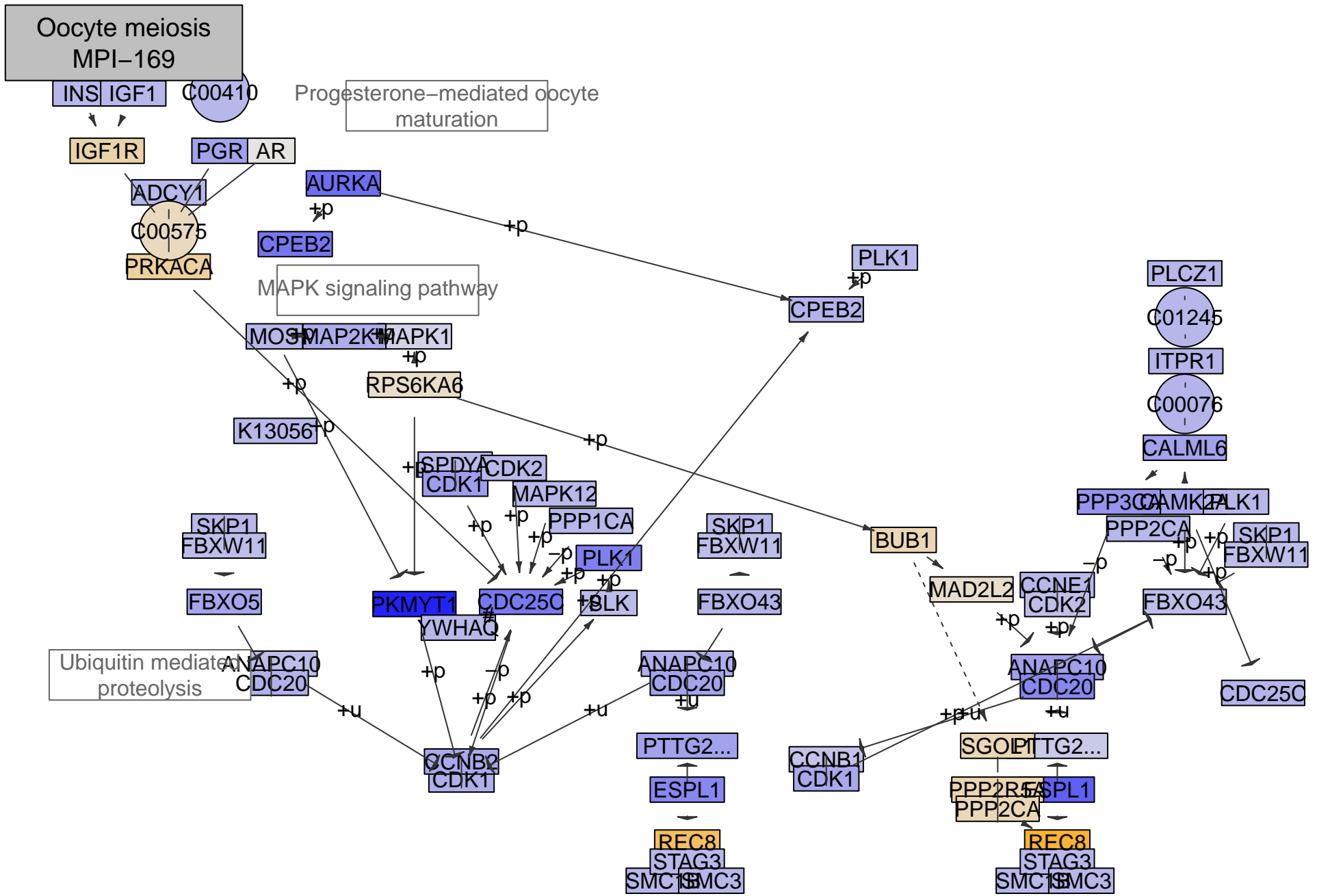












Oocyte meiosis  
MPI-175

INS IGF1 C00410

Progesterone-mediated oocyte maturation

IGF1R PGR AR

ADCY1  
C00575  
PRKACA

AURKA  
CPEB2

MAPK signaling pathway

MOS MAP2K1 MAPK1  
RPS6KA6

PLK1  
CPEB2

K13056

SPDYA CDK2  
CDK1

MAPK12  
PPP1CA  
PLK1

SKP1  
FBXW11  
FBXO5

SKP1  
FBXW11  
FBXO43

PKMYT1 CDC25C  
YWHAQ

BUB1

MAD2L2

CCNE1  
CDK2

PLK1  
SKP1  
FBXW11

ANAPC10  
CDC20

FBXO43

CDC25C

Ubiquitin mediated proteolysis  
ANAPC10  
CDC20

CCNB2  
CDK1

ANAPC10  
CDC20

PTTG2...  
ESPL1

REC8  
STAG3  
SMC1  
SMC3

CCNB1  
CDK1

SGO1  
PTTG2...

PPP2R1A  
ESPL1  
PPP2CA

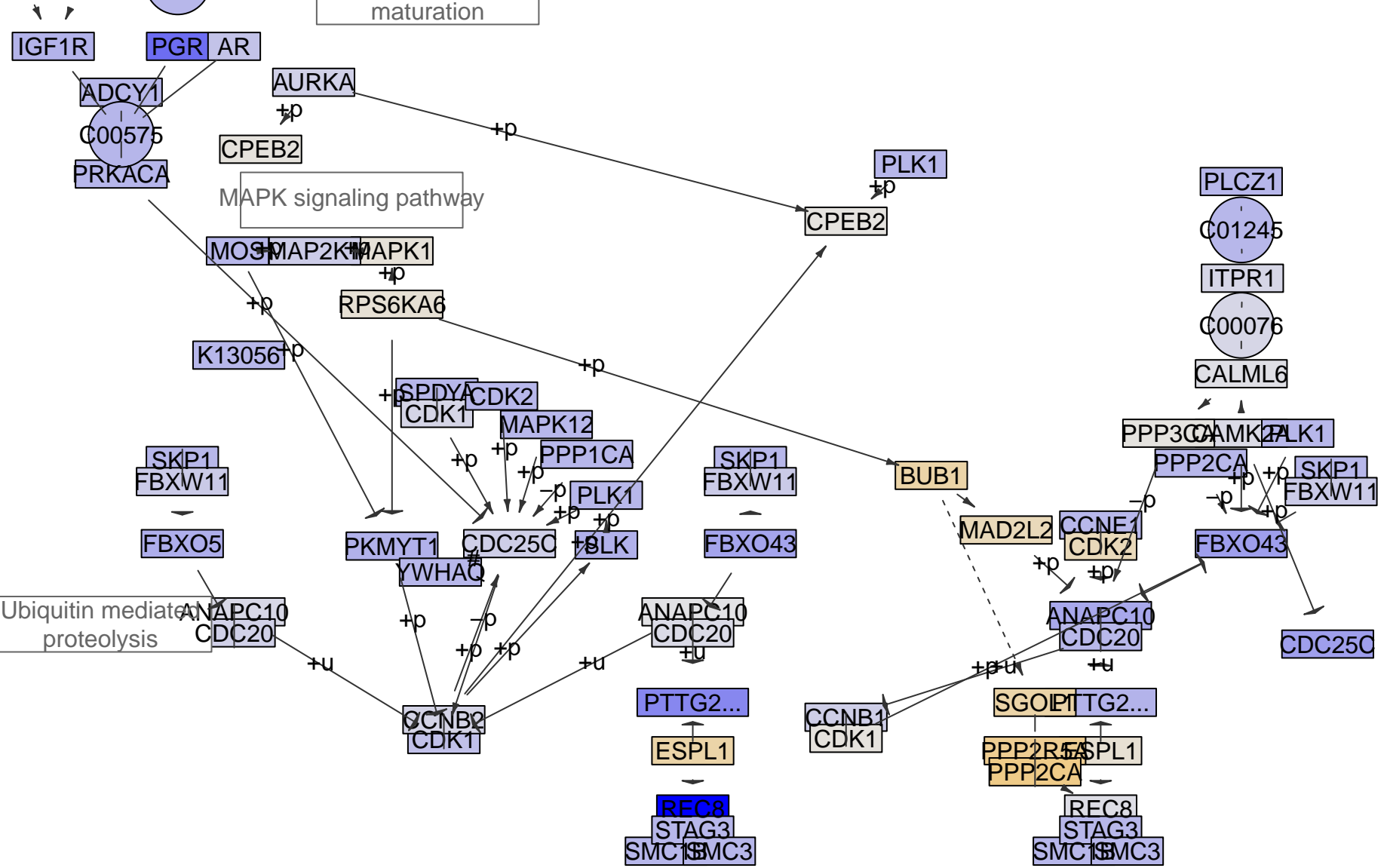
REC8  
STAG3  
SMC1  
SMC3

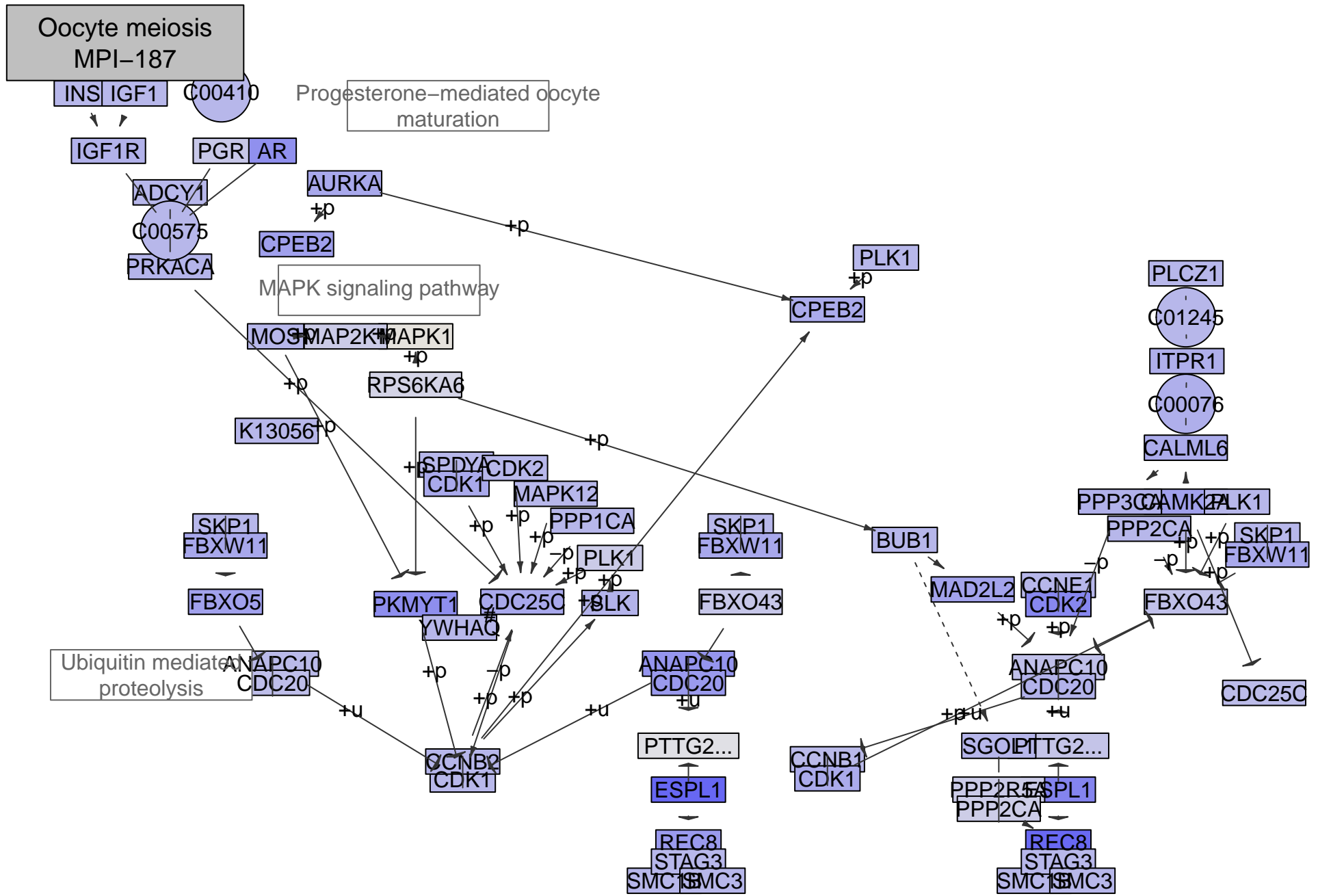
PLCZ1  
C01245  
ITPR1  
C00076  
CALML6

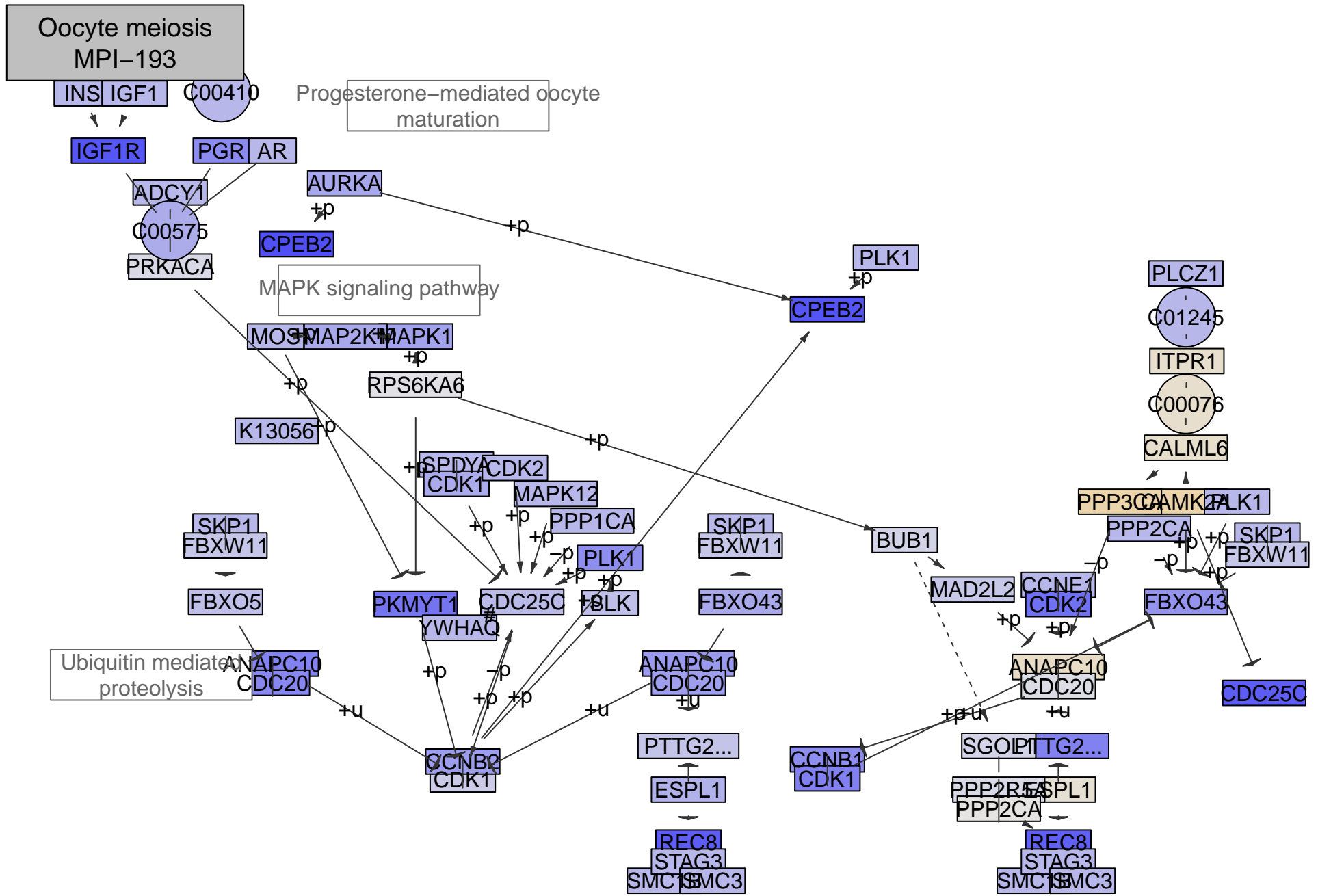
PPP3CA  
MAPK2

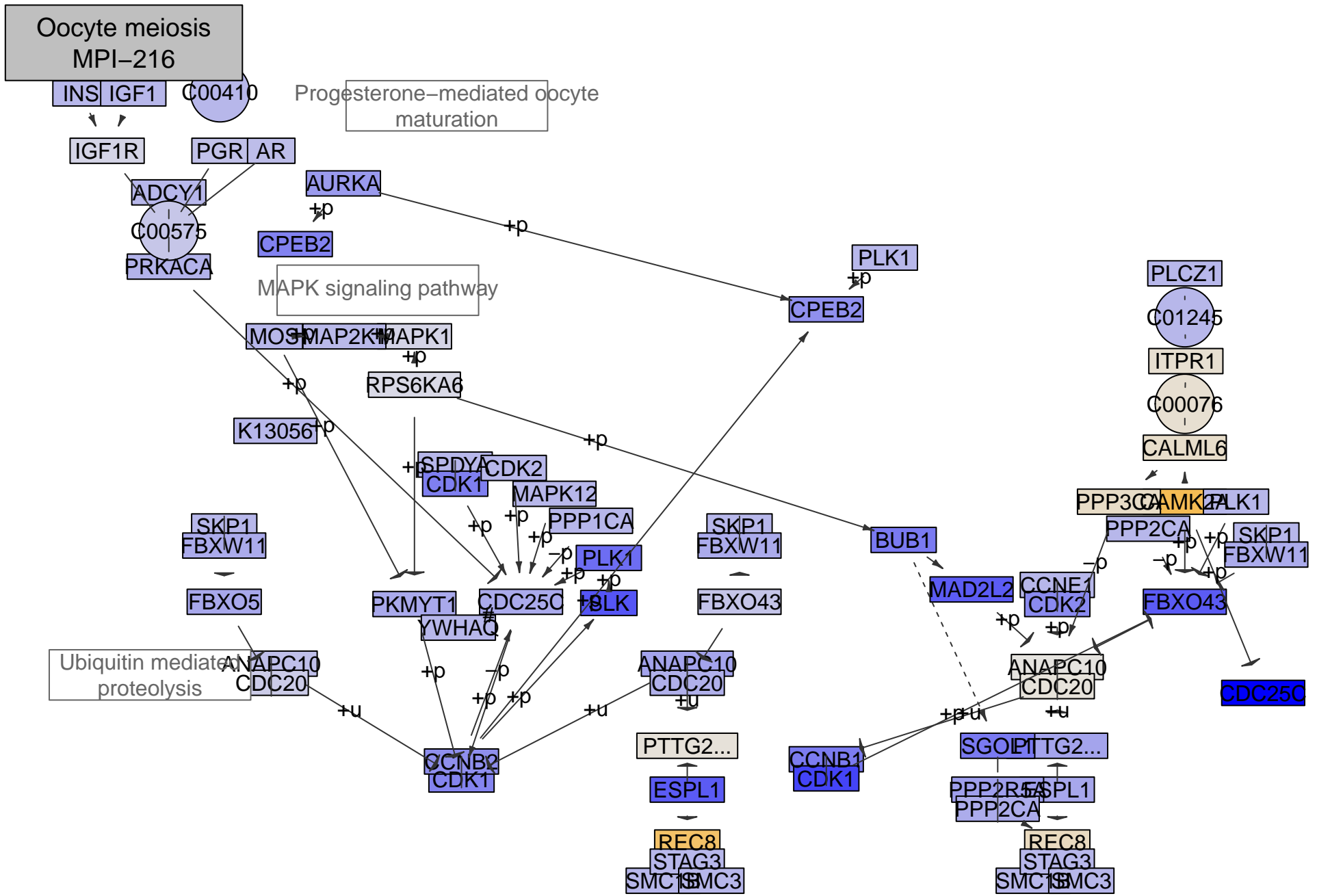
PPP2CA

ANAPC10  
CDC20

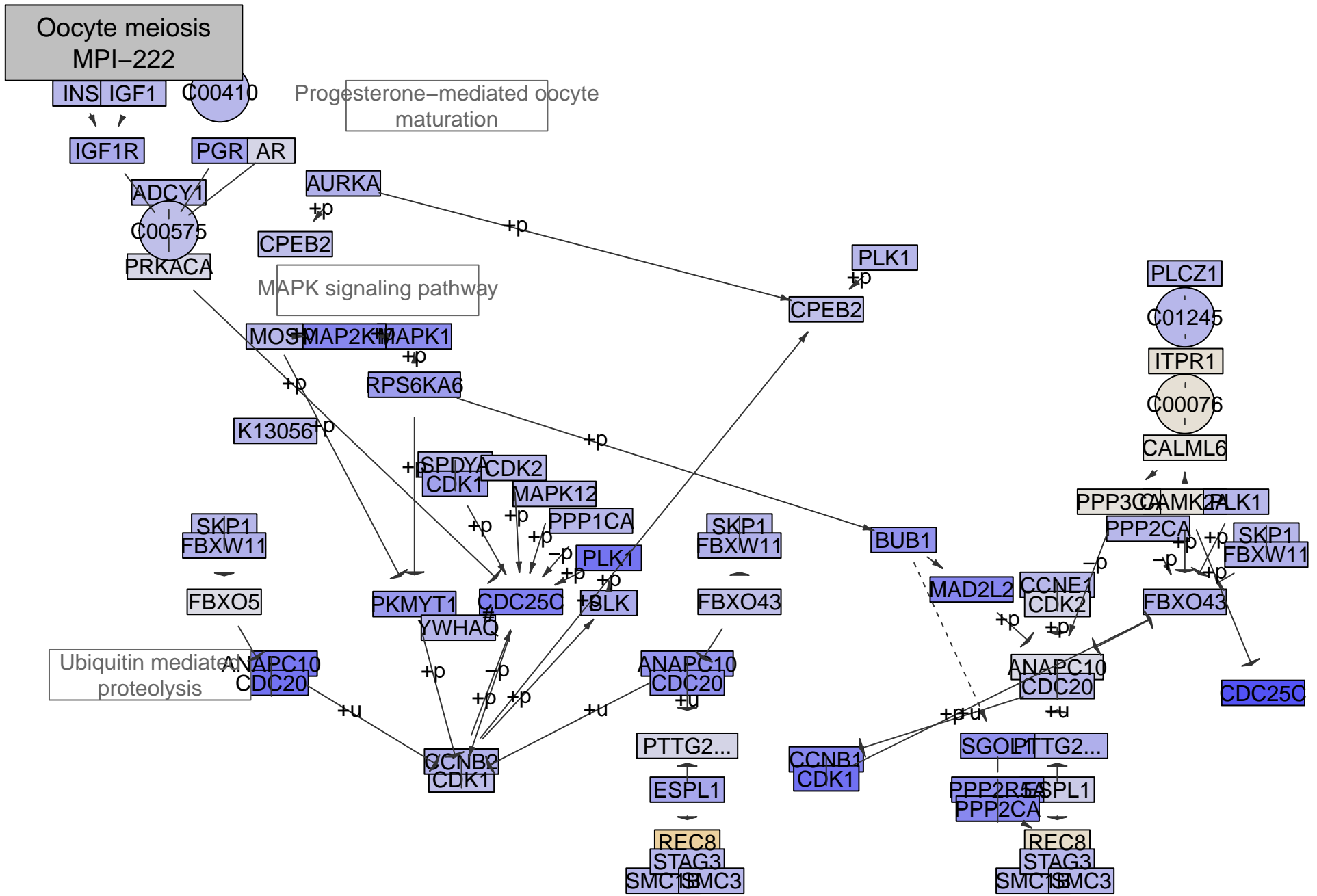


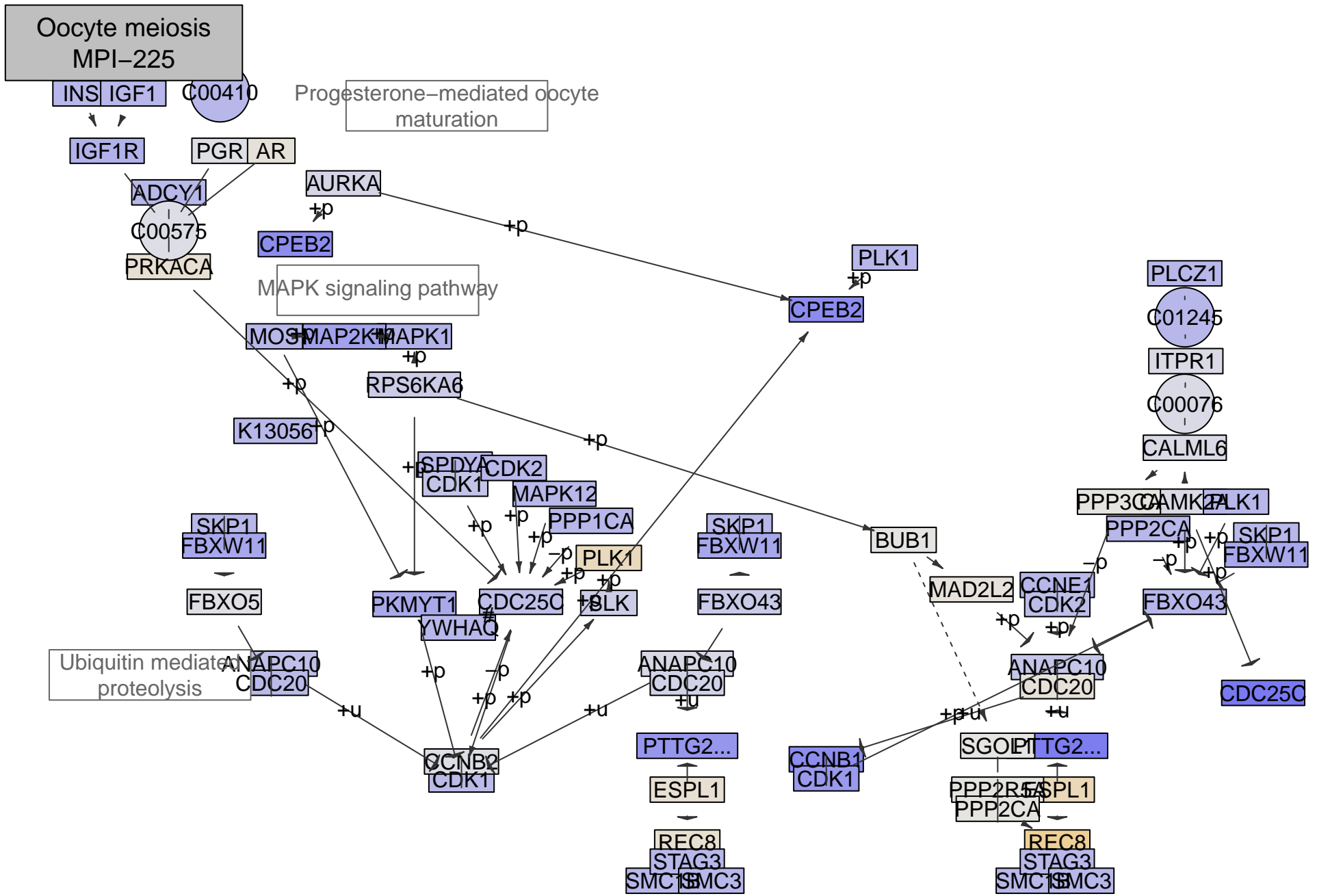


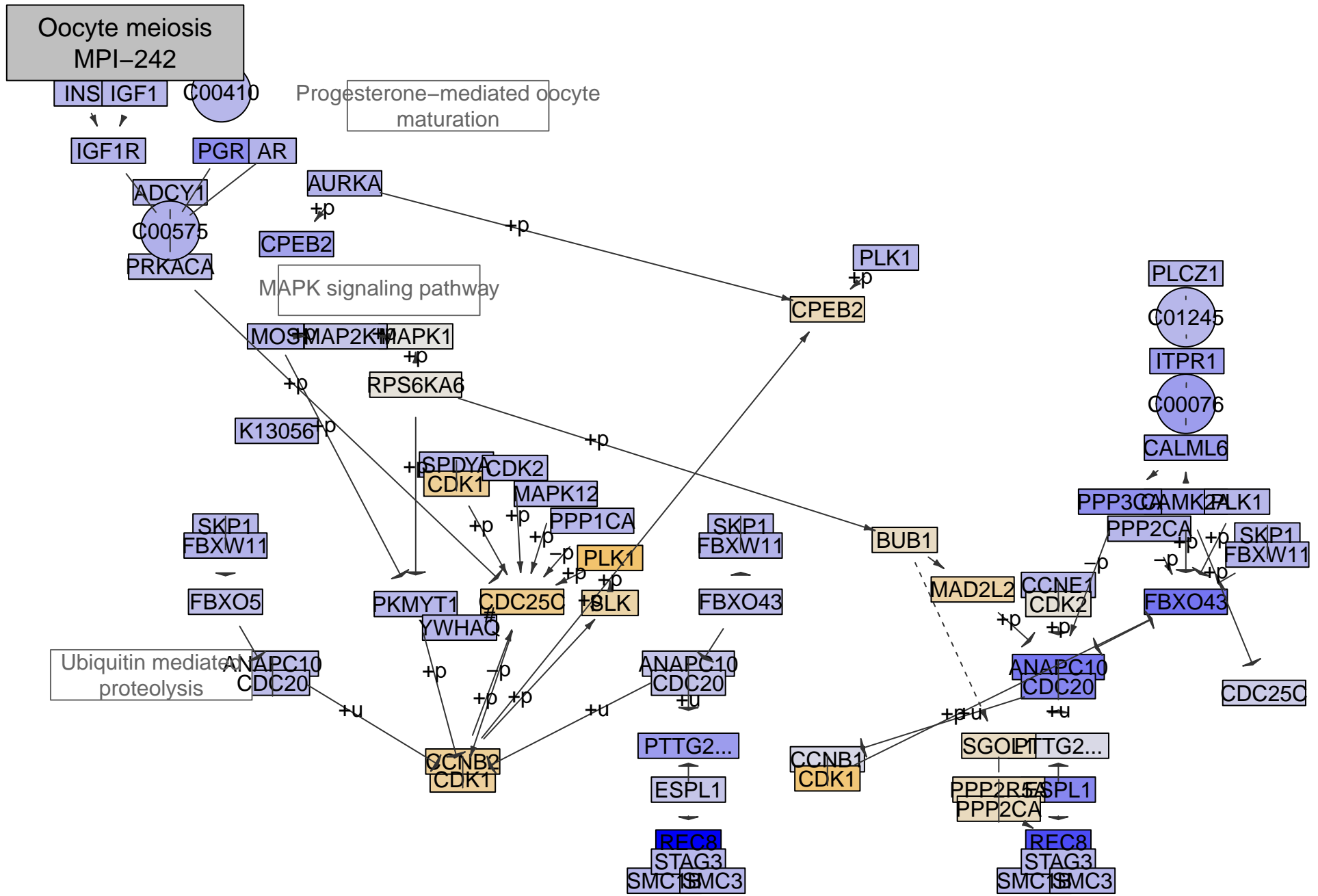












Oocyte meiosis  
MPI-245

INS IGF1 C00410

Progesterone-mediated oocyte  
maturation

IGF1R

PGR AR

ADCY1

AURKA

CPEB2

C00575

PRKACA

MAPK signaling pathway

PLK1

CPEB2

MOS MAP2K1 MAPK1

RPS6KA6

K13056

SPDYA CDK2

CDK1

MAPK12

PPP1CA

PLK1

BLK

SKP1

FBXW11

SKP1

FBXW11

FBXO5

PKMYT1

CDC25C

YWHAQ

SKP1

FBXO43

PLCZ1  
C01245  
ITPR1  
C00076  
CALML6  
PPP3CA  
MAPK2A  
PLK1

PPP2CA

SKP1

FBXW11

FBXO43

CDC25C

Ubiquitin mediated  
proteolysis

ANAPC10

CDC20

CCNB2

CDK1

ANAPC10

CDC20

PTTG2...

ESPL1

REC8

STAG3

SMC1  
SMC3

CCNB1

CDK1

SGO1

TG2...

PPP2R5A

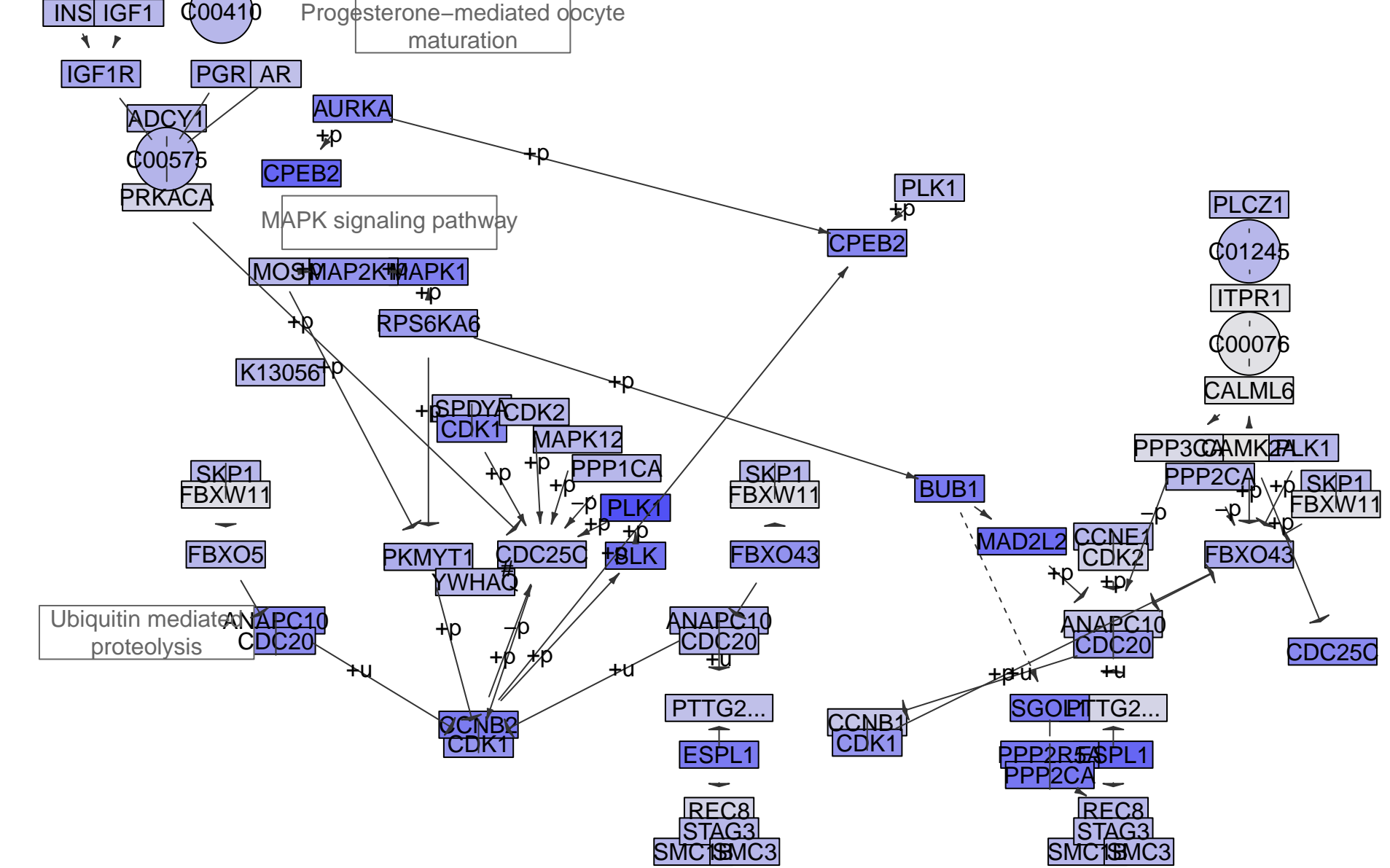
ESPL1

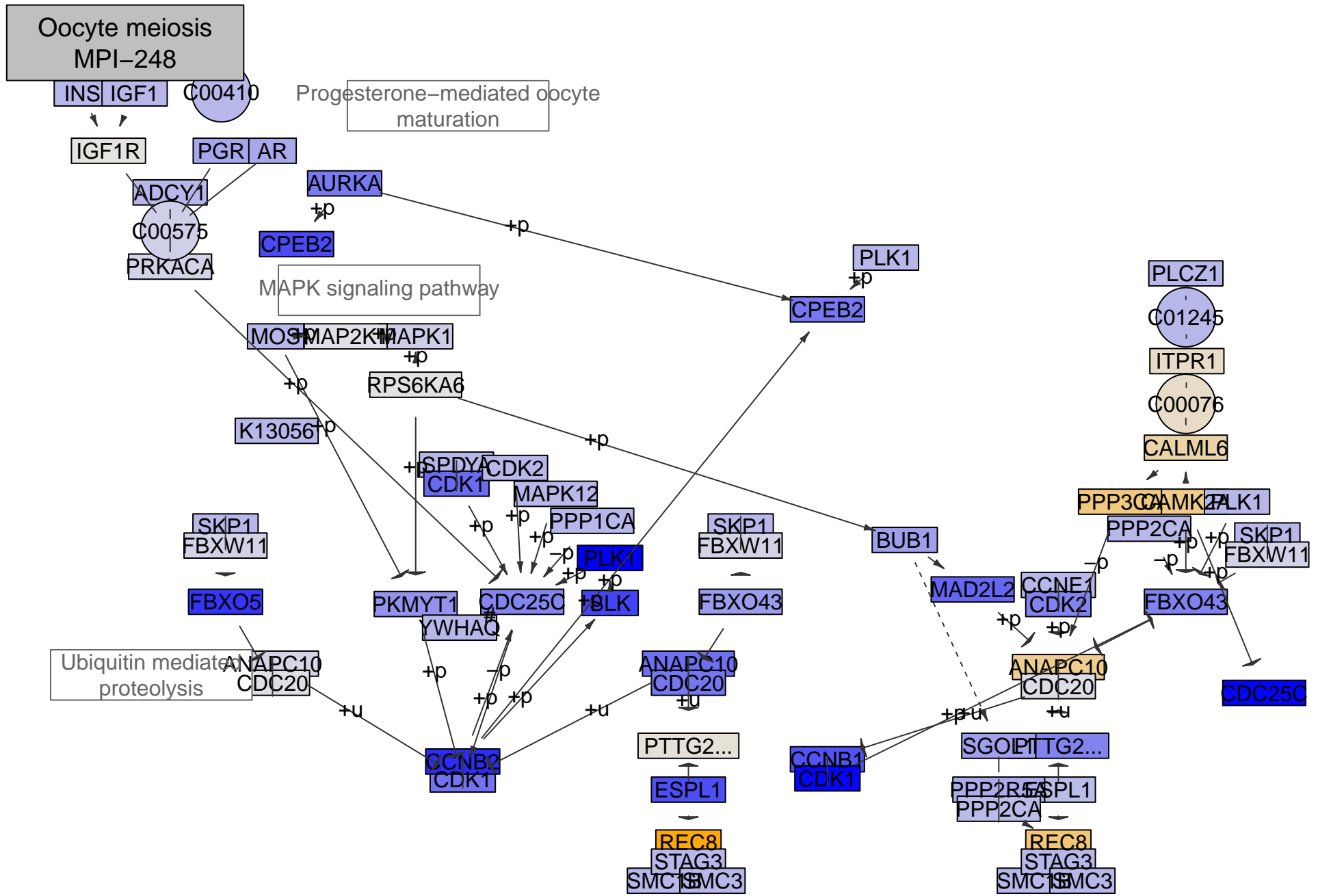
PPP2CA

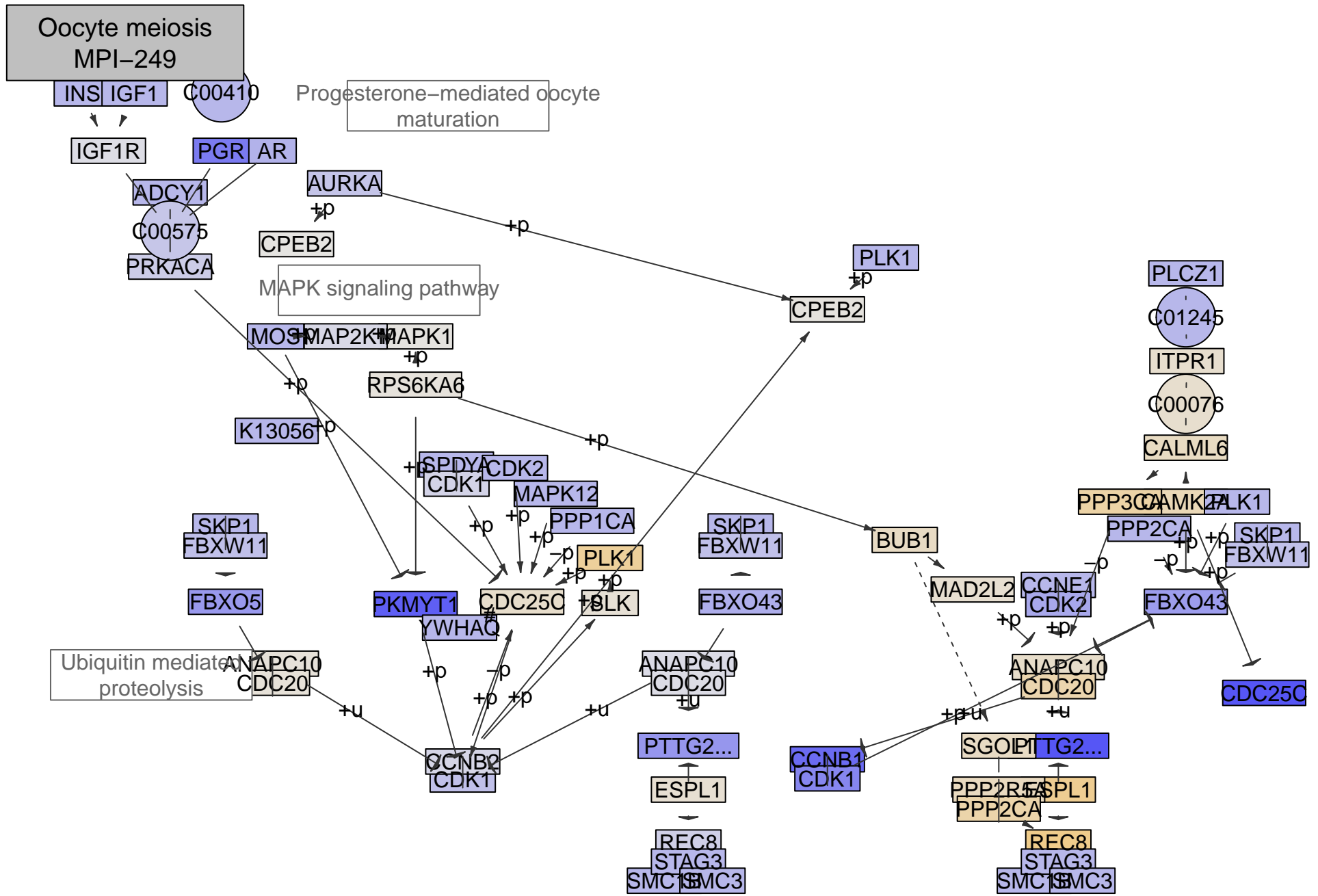
REC8

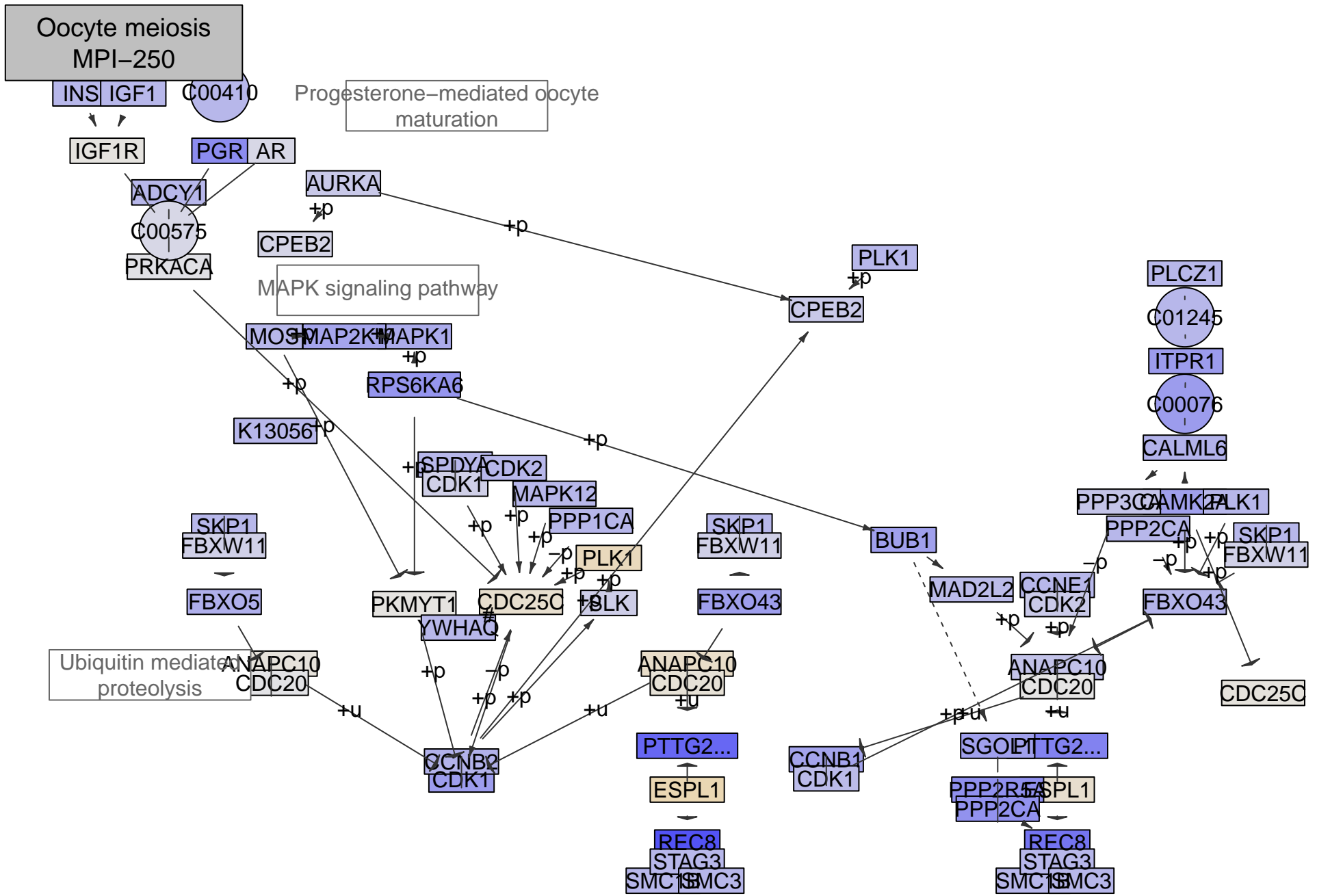
STAG3

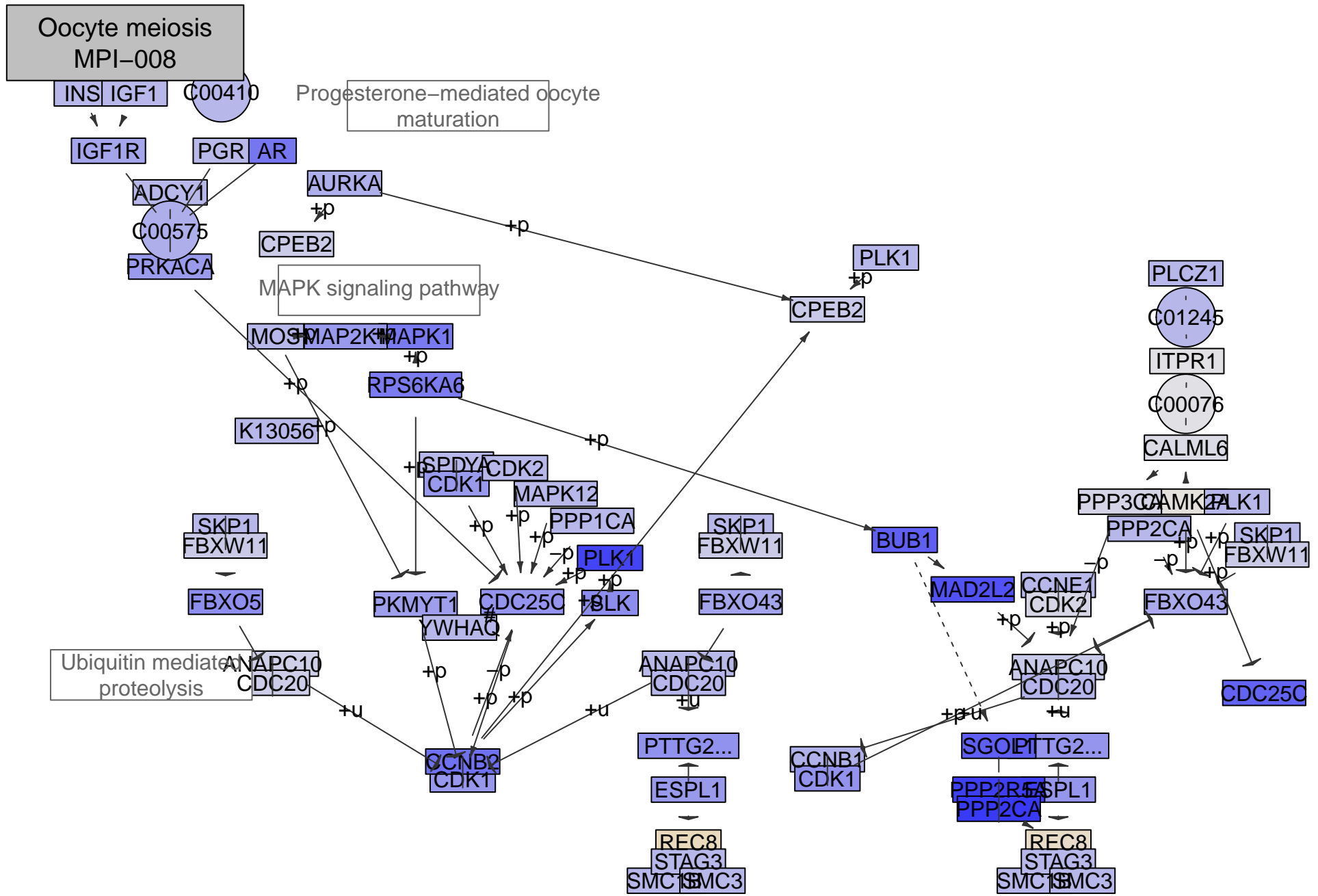
SMC1  
SMC3



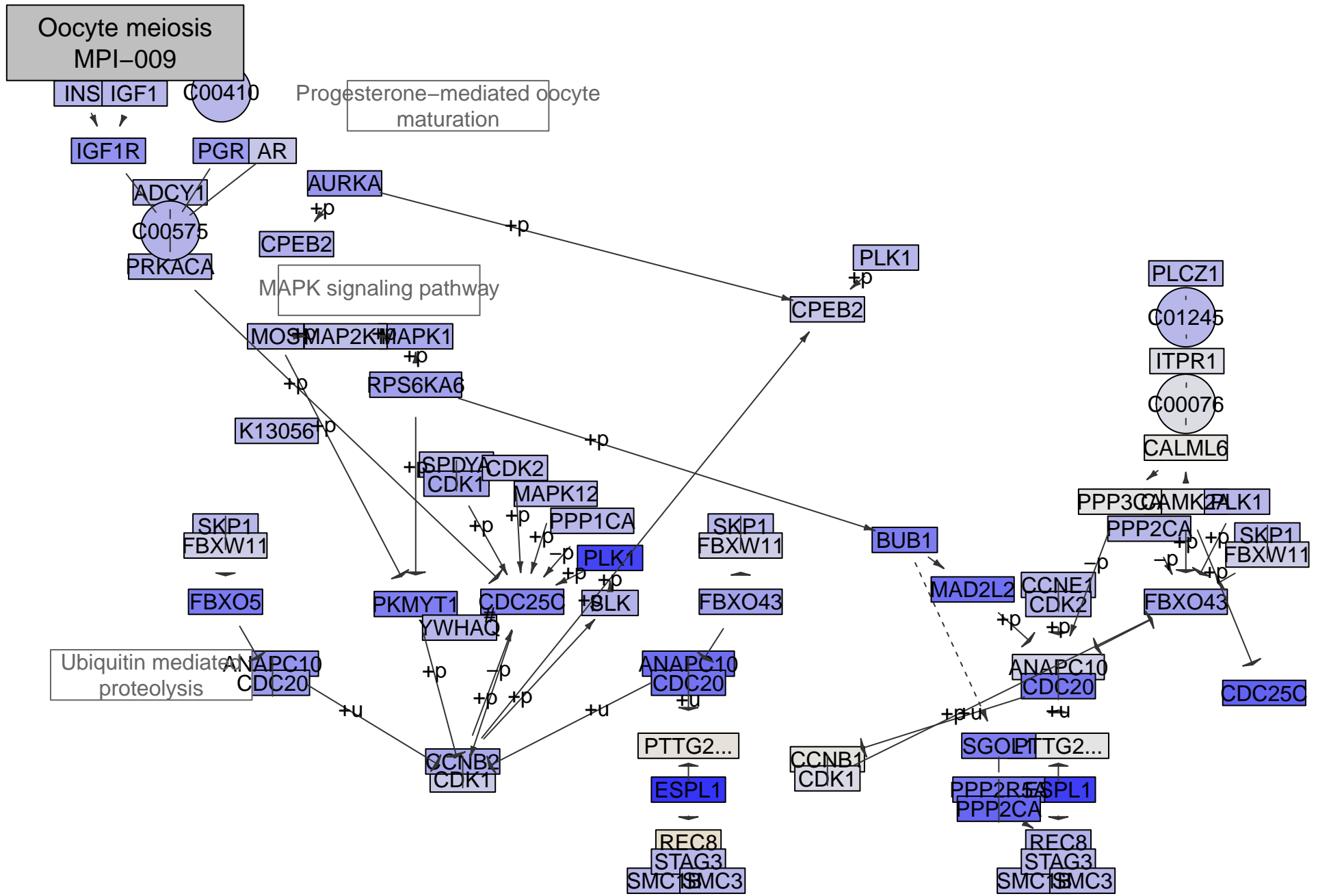


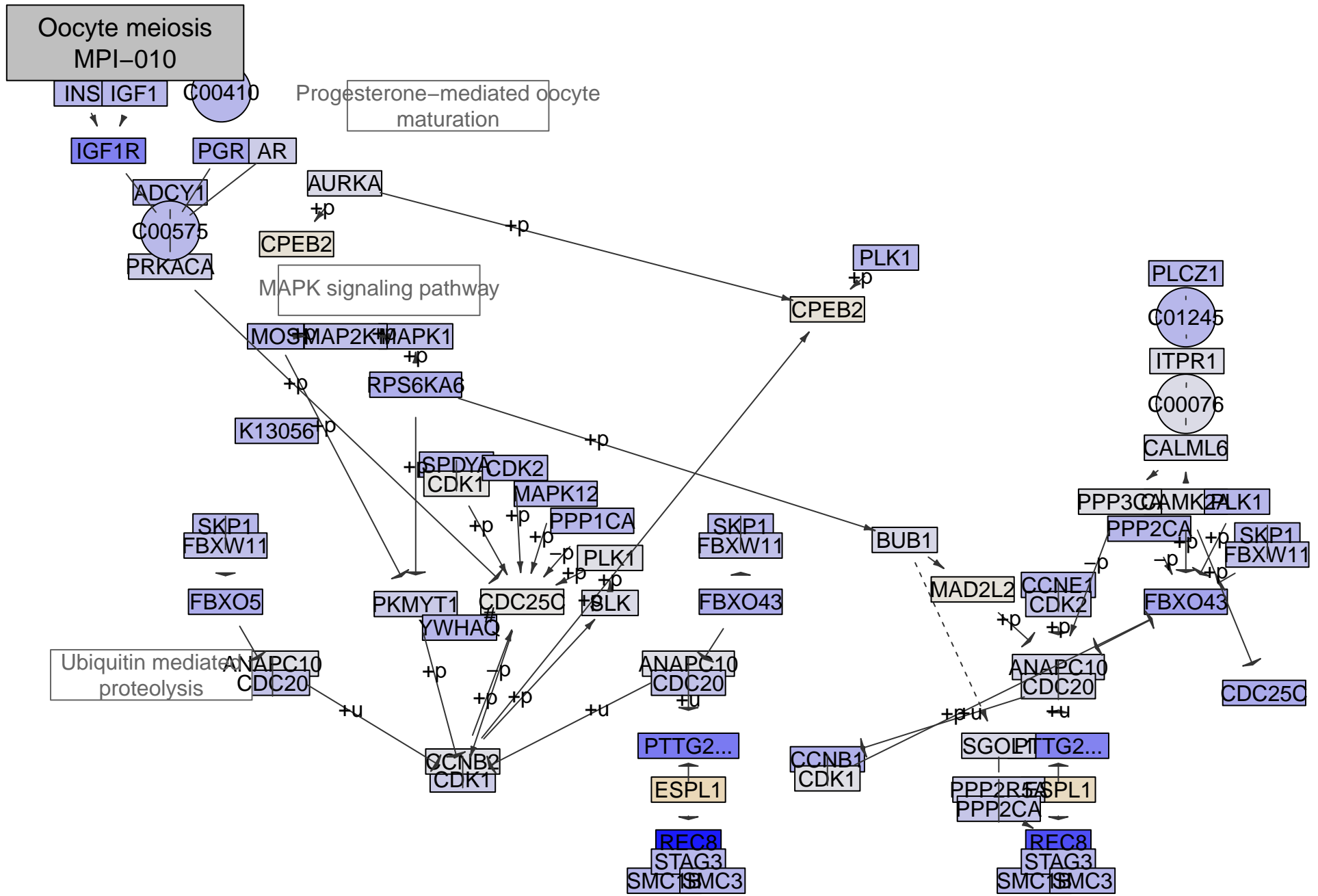


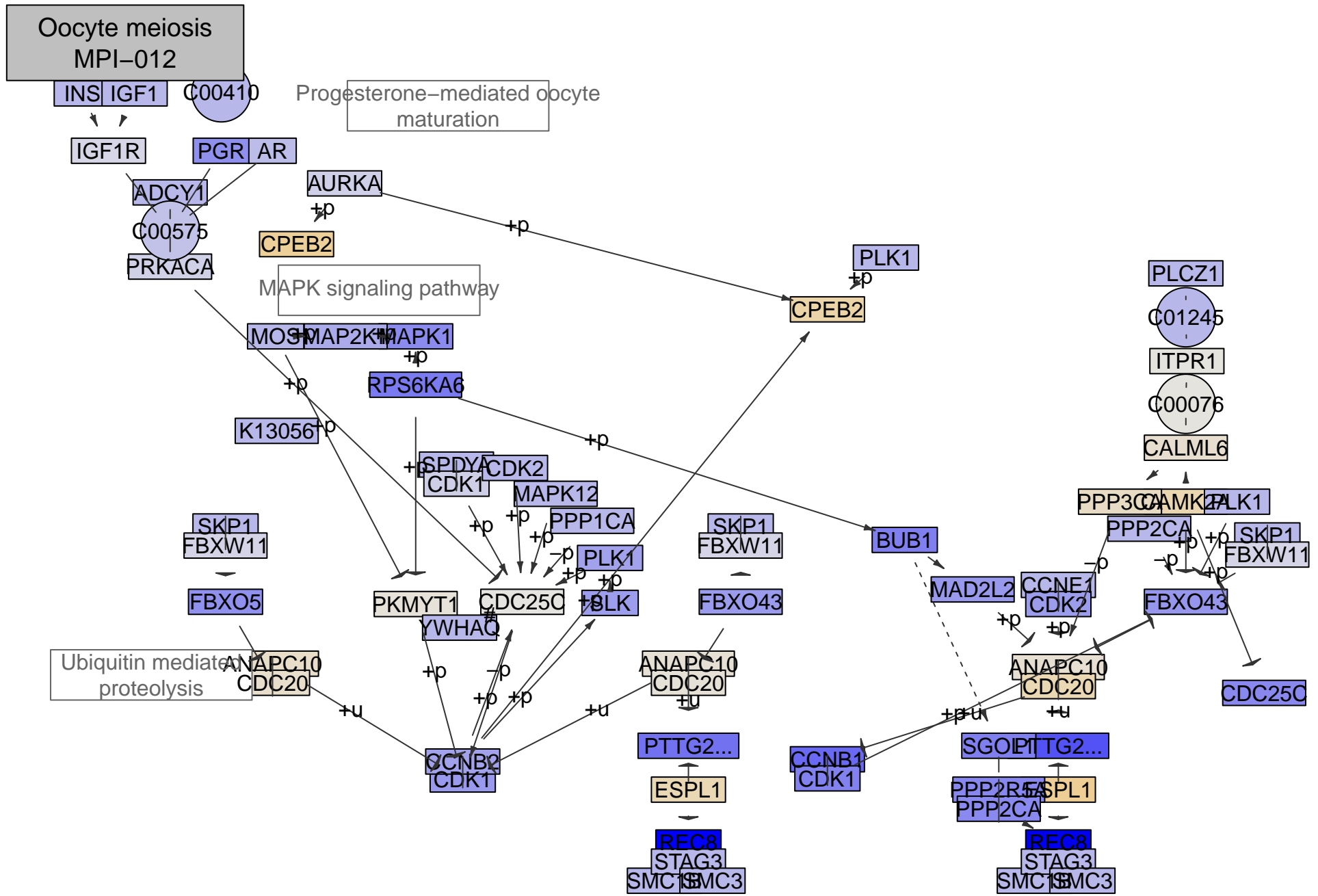






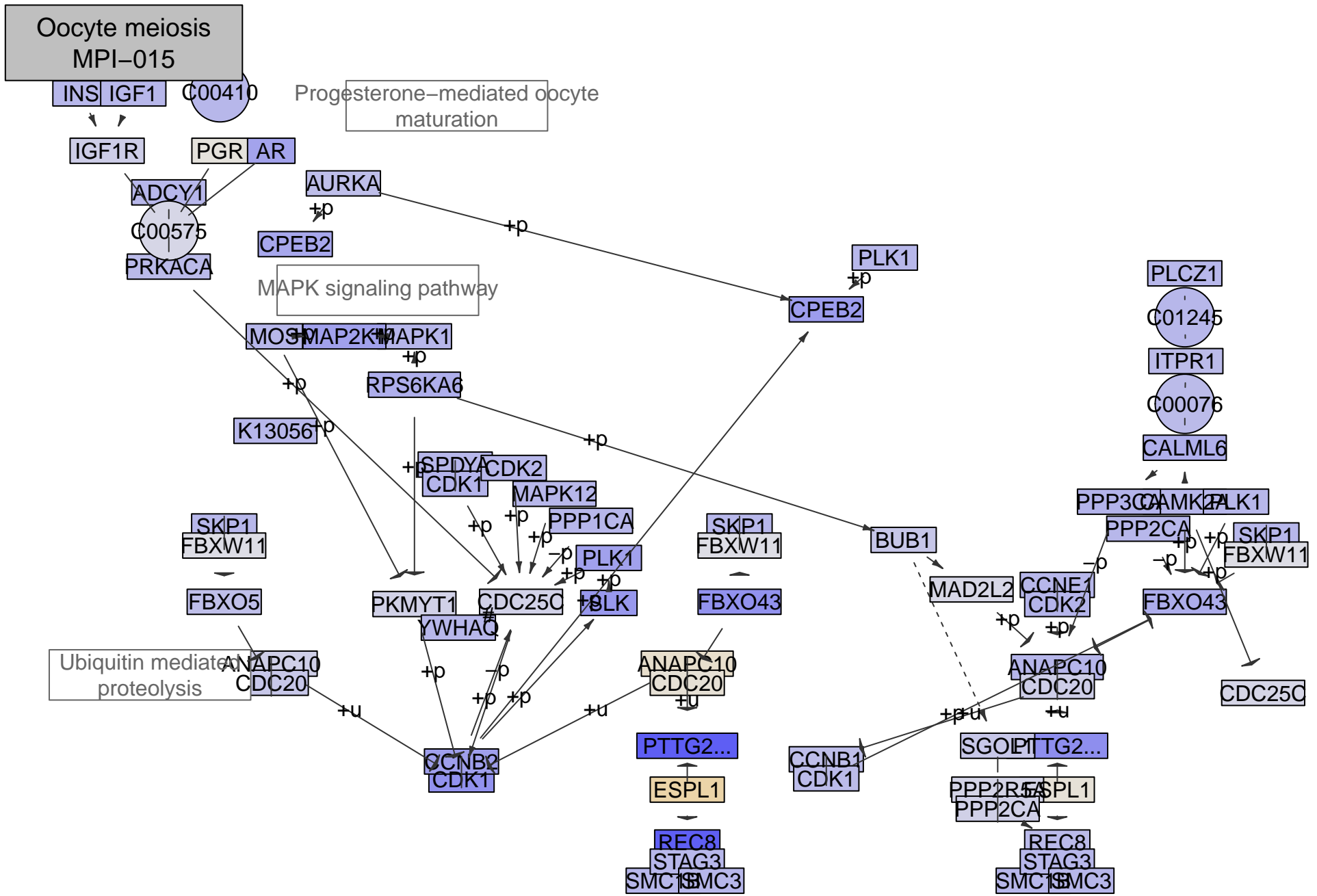


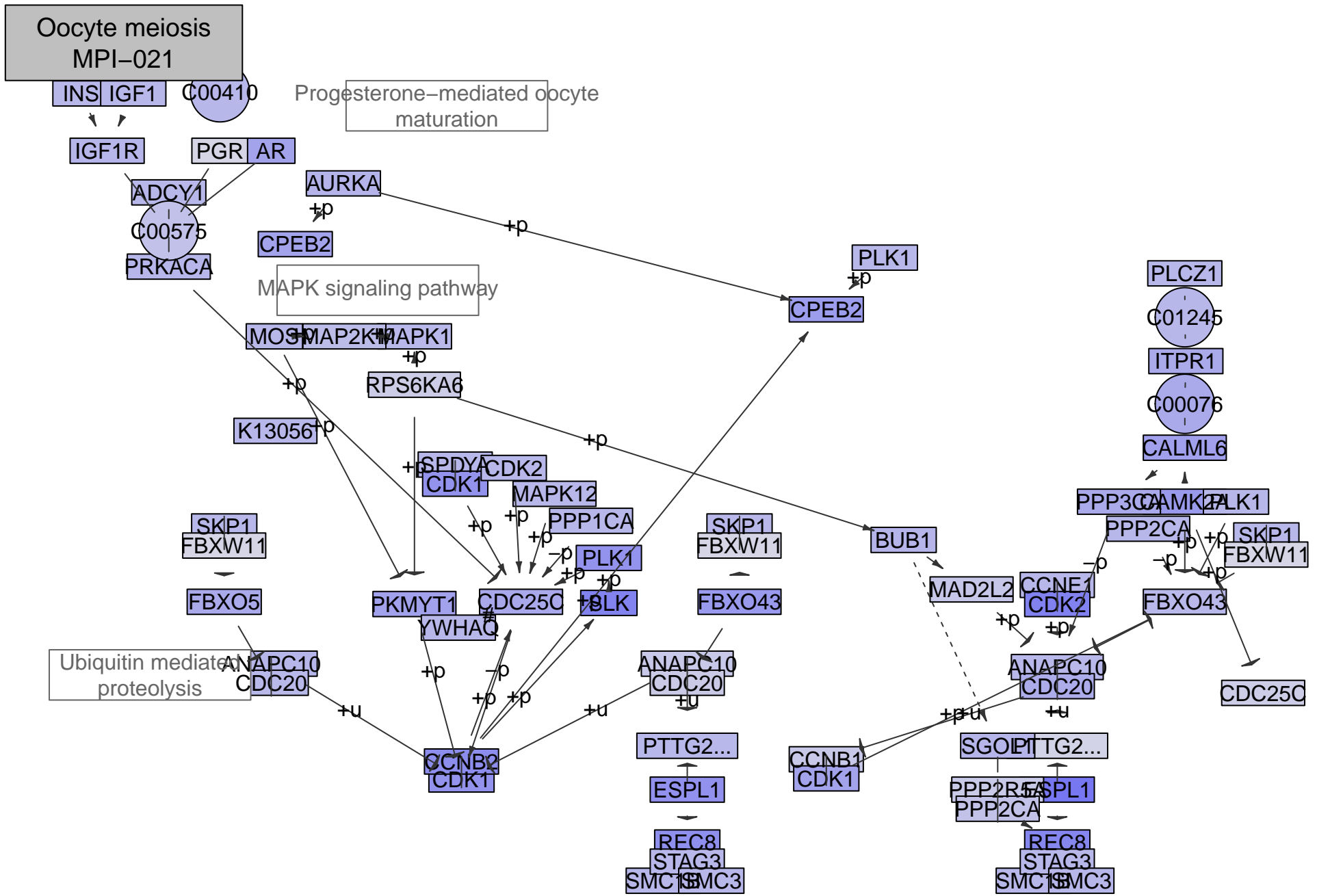


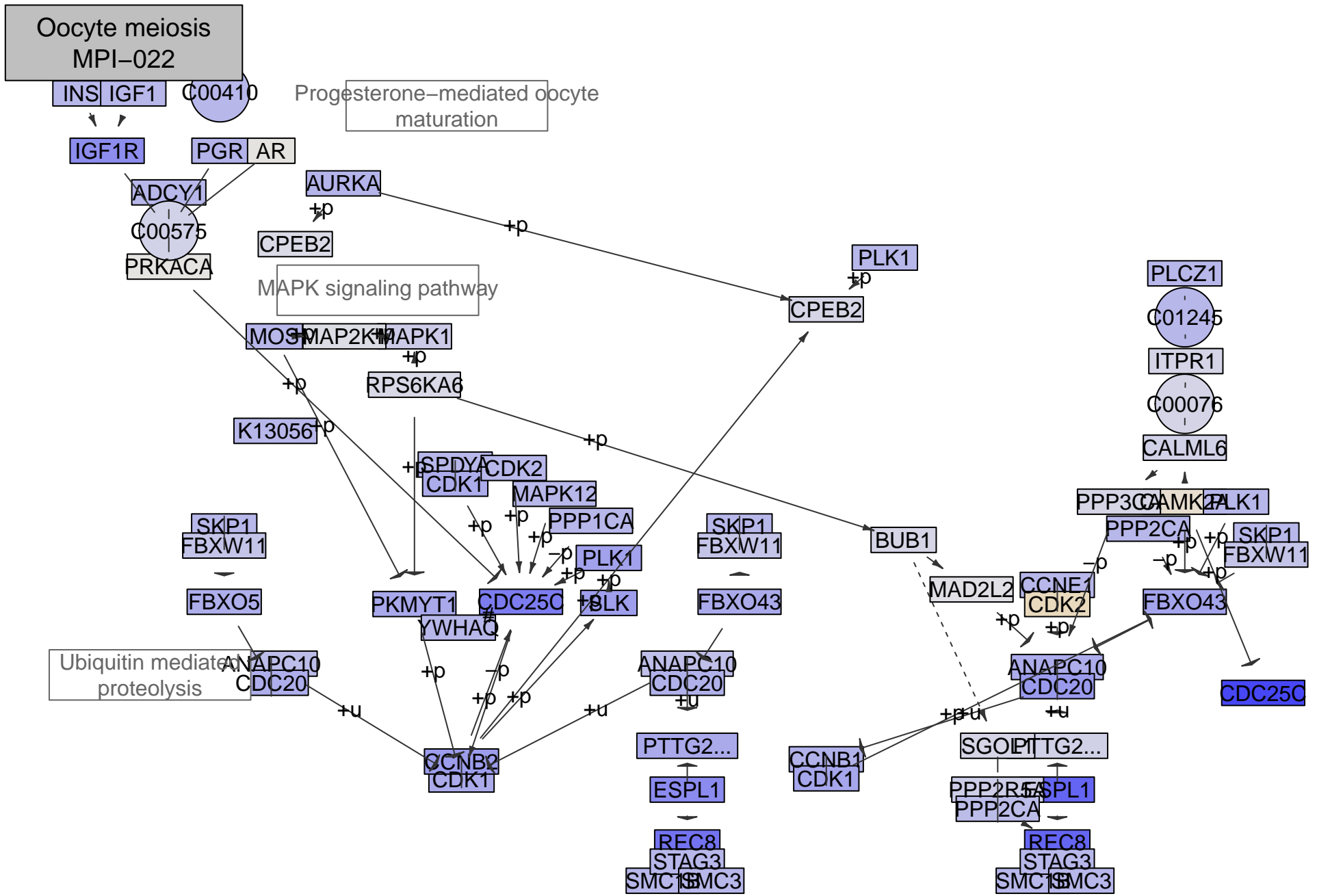




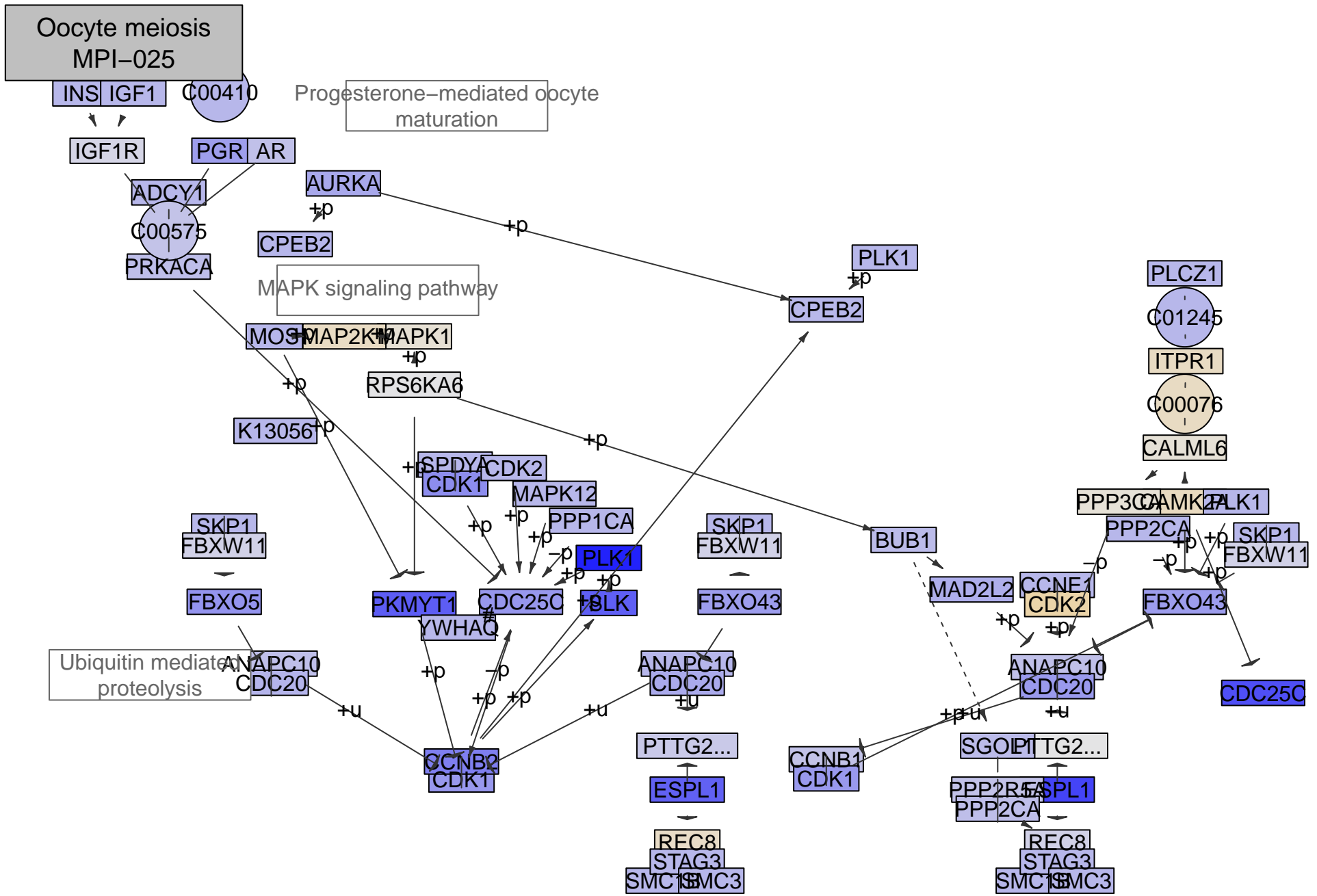


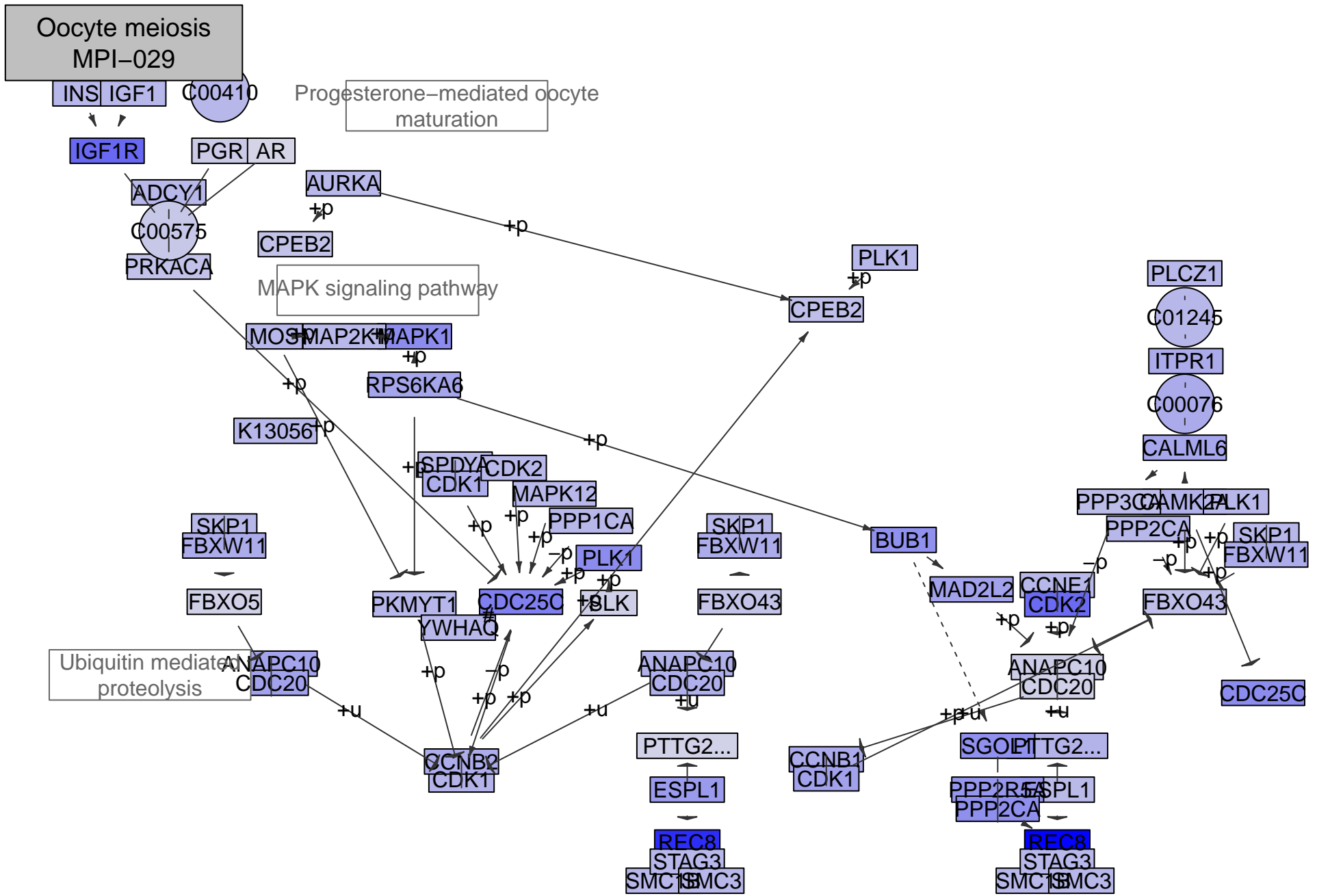


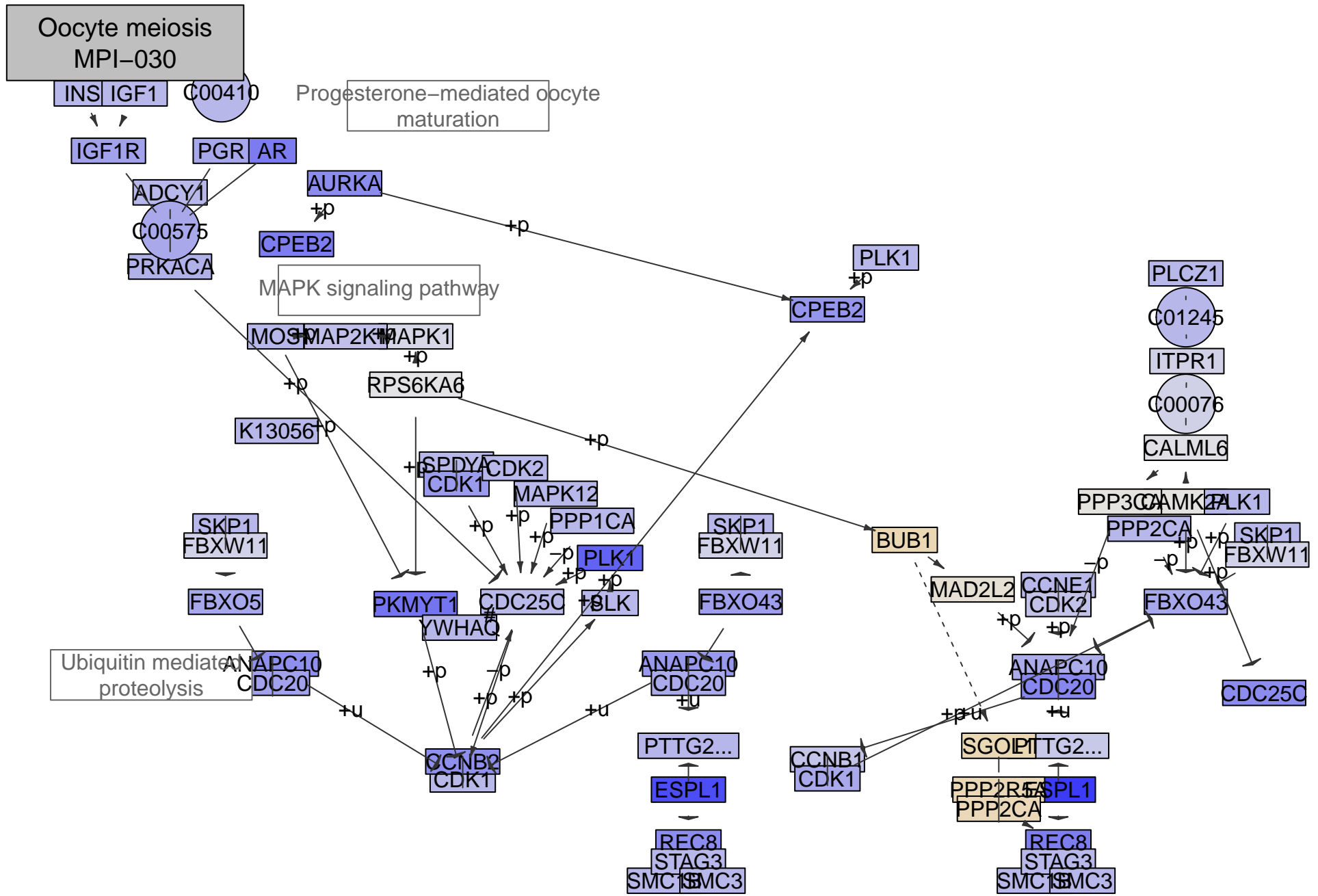


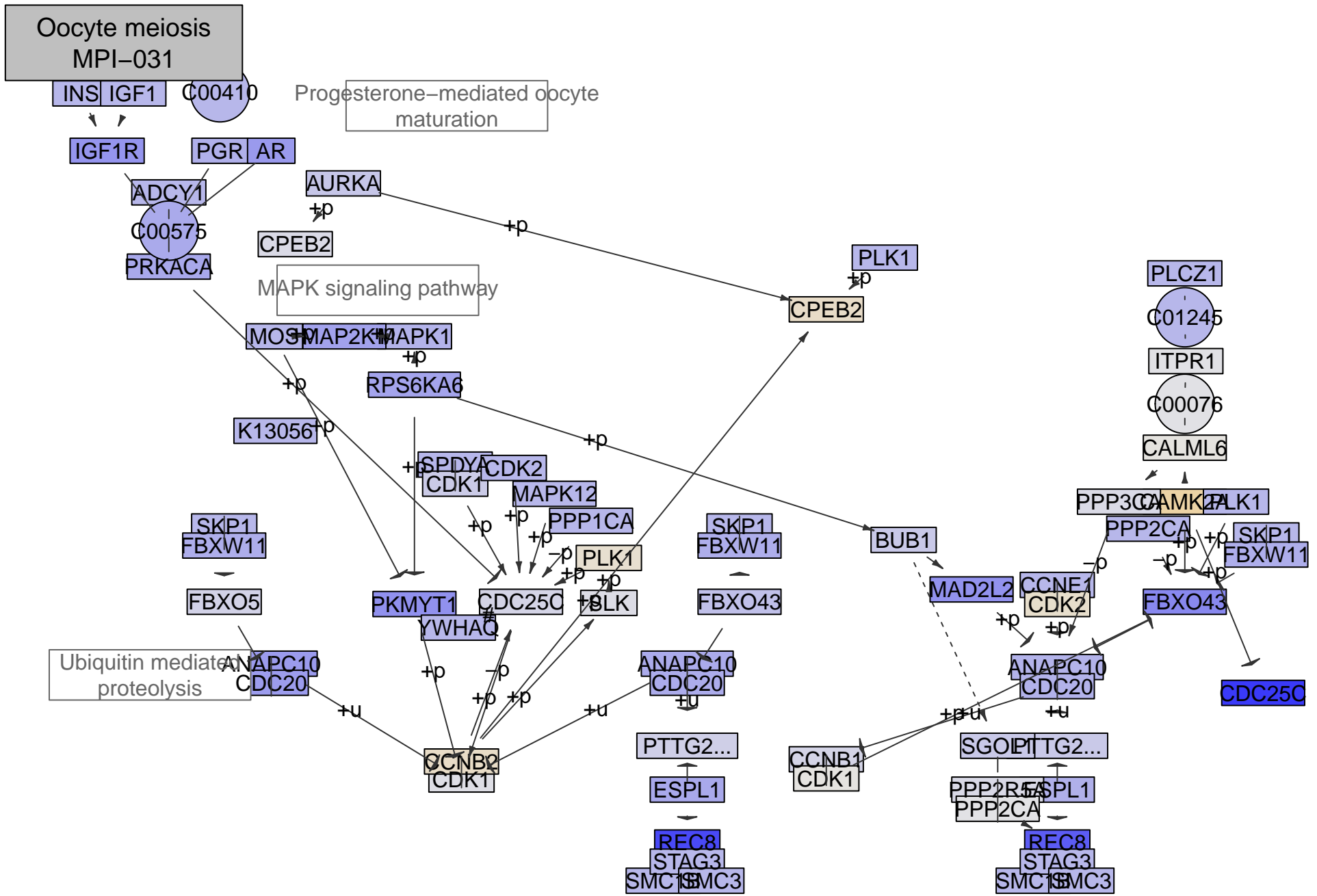


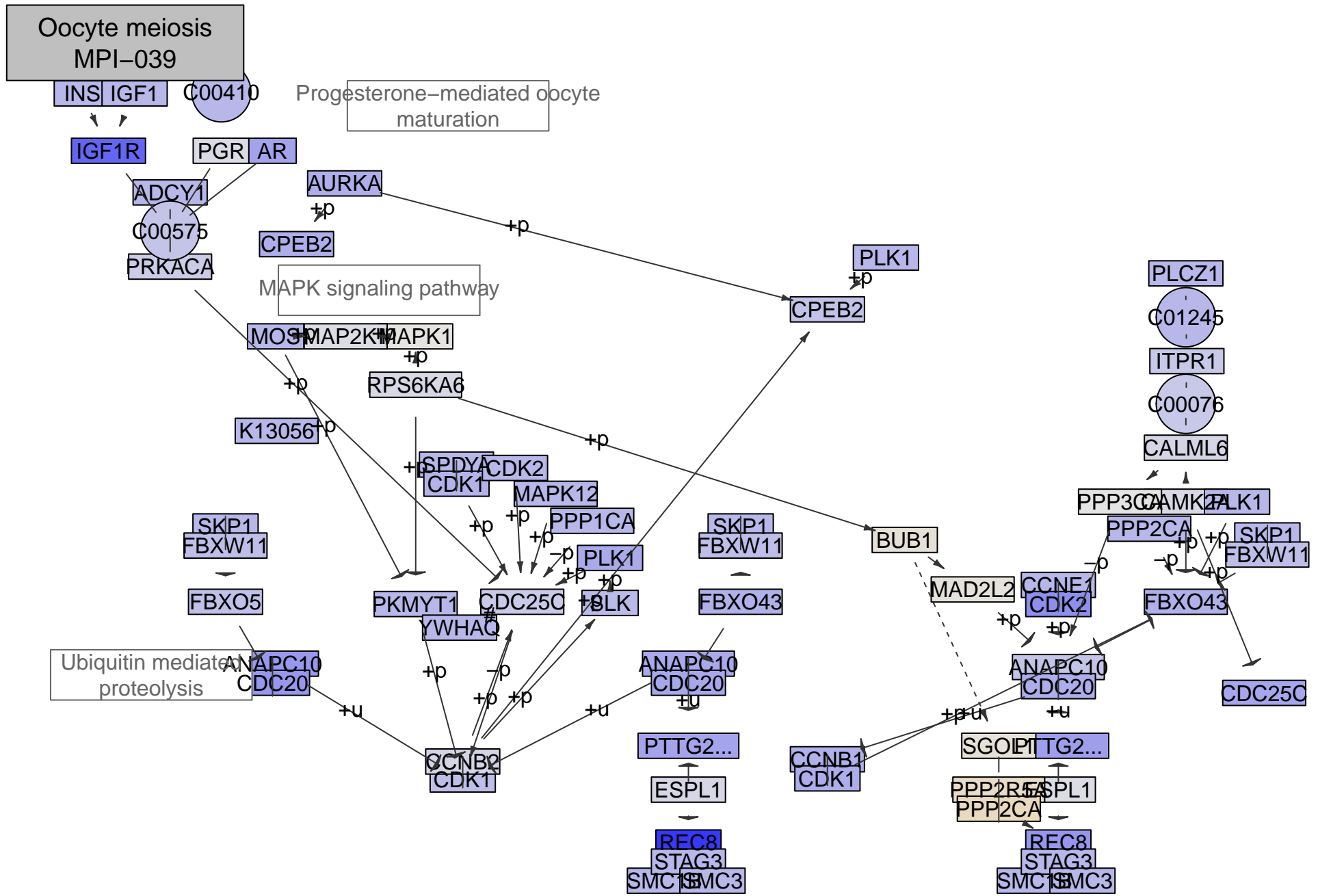


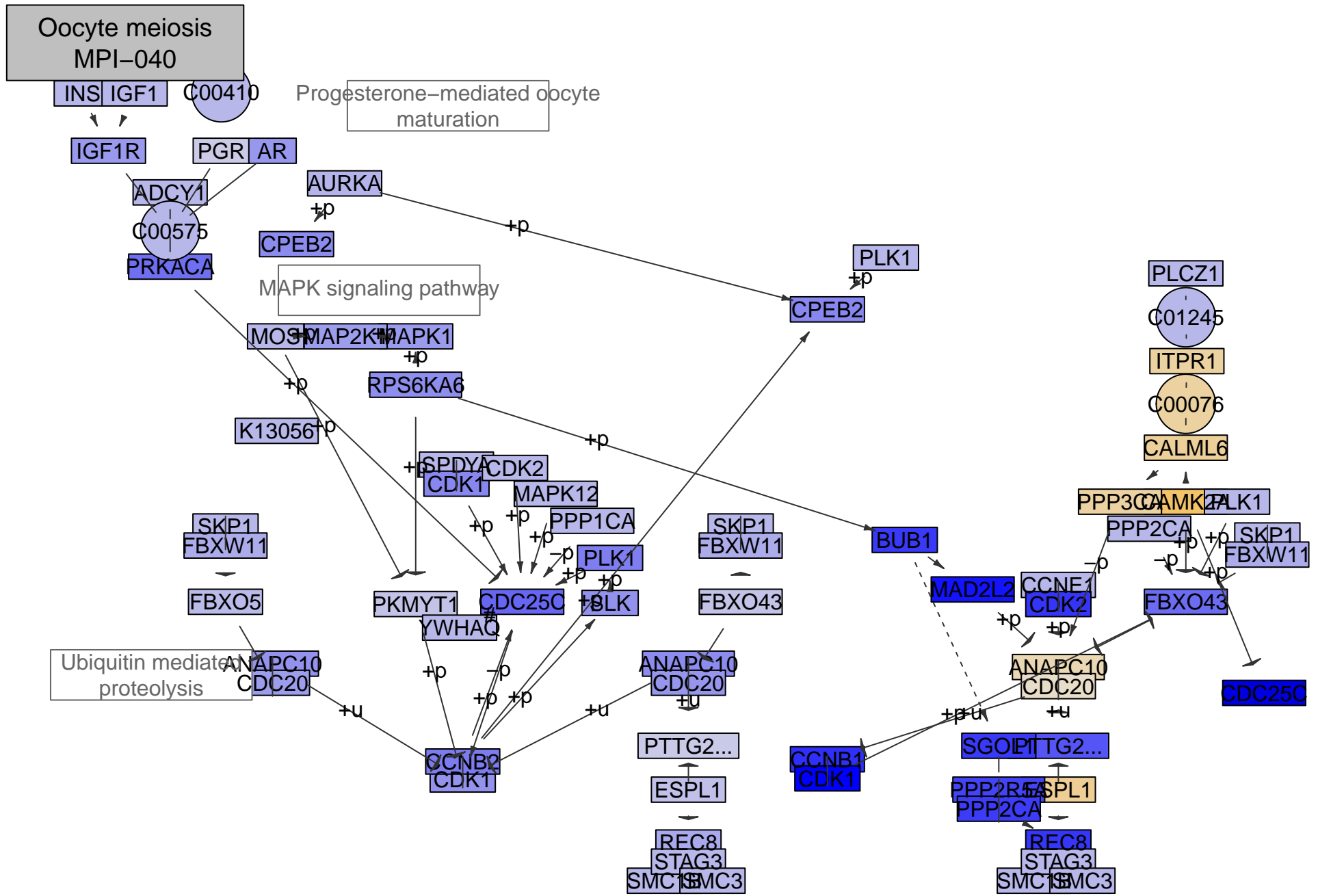


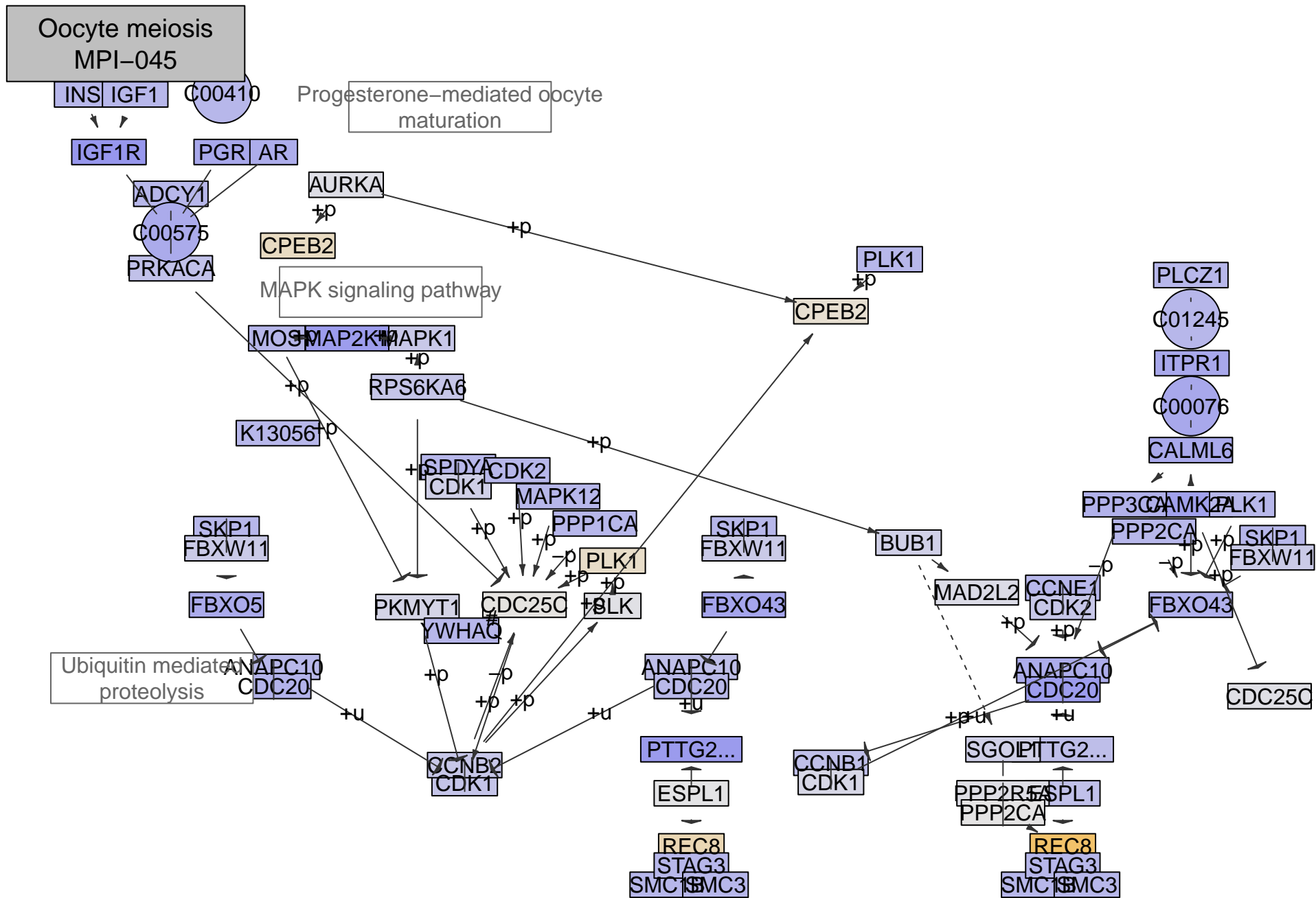










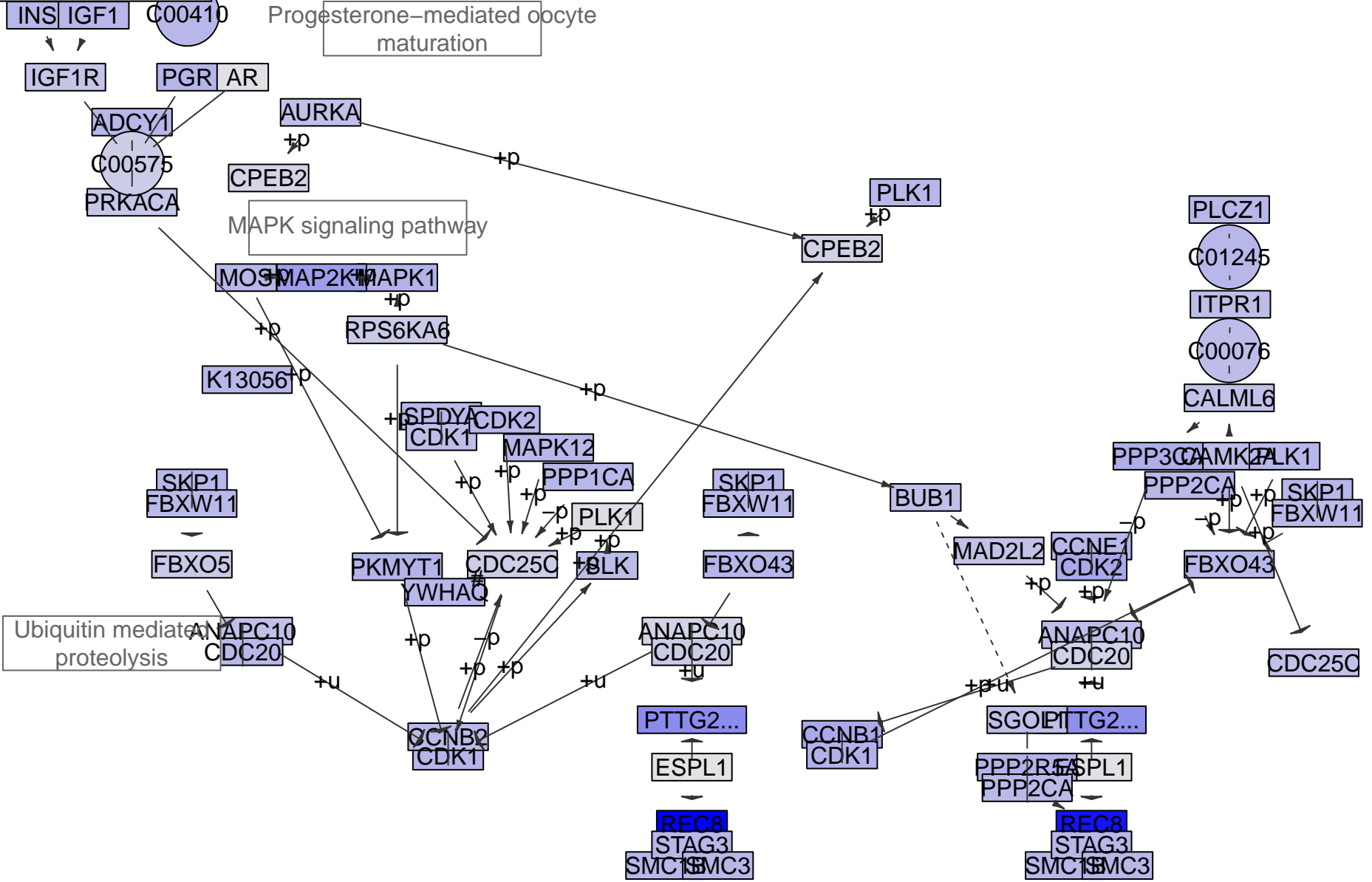


# Oocyte meiosis MPI-047

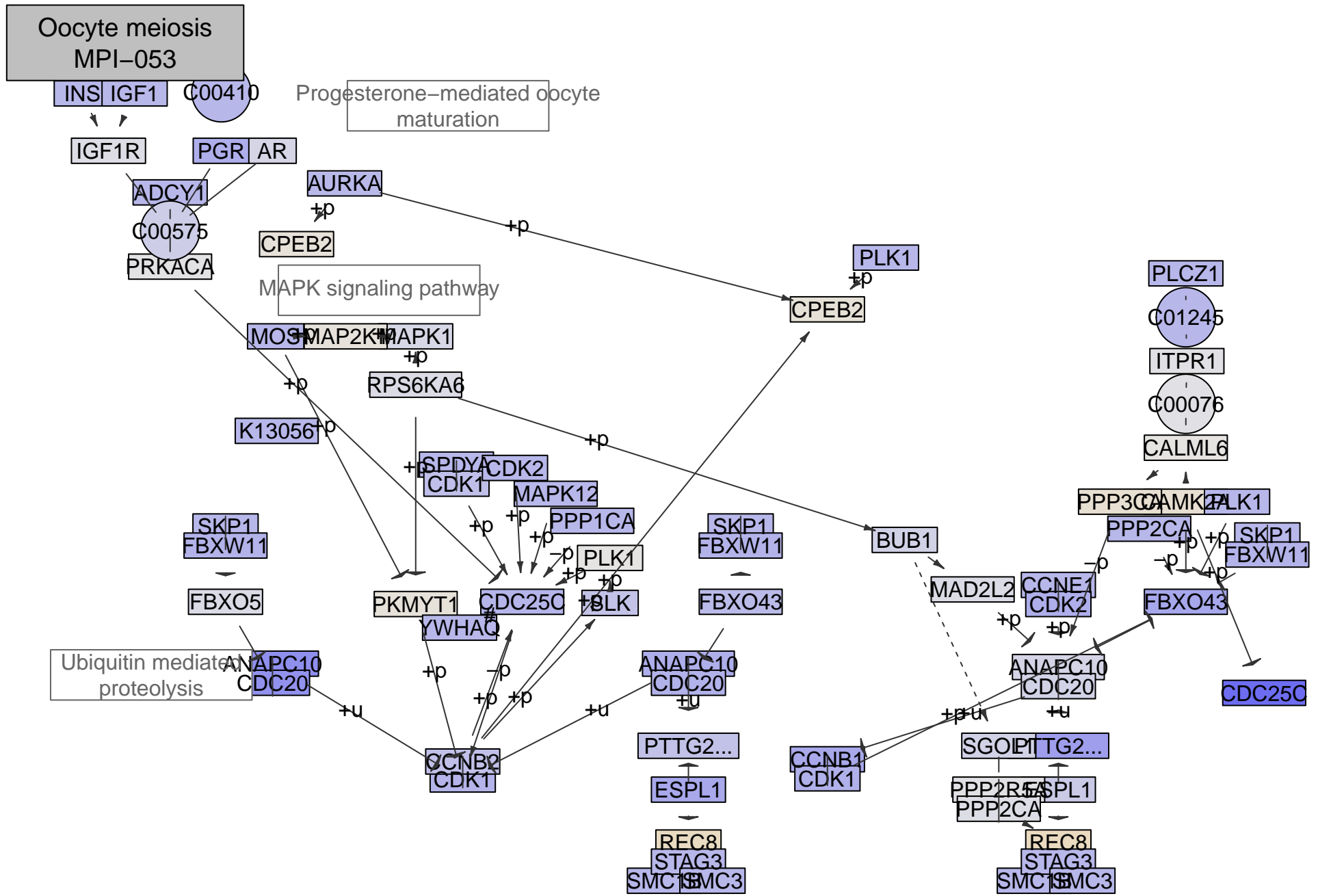
Progesterone-mediated oocyte maturation

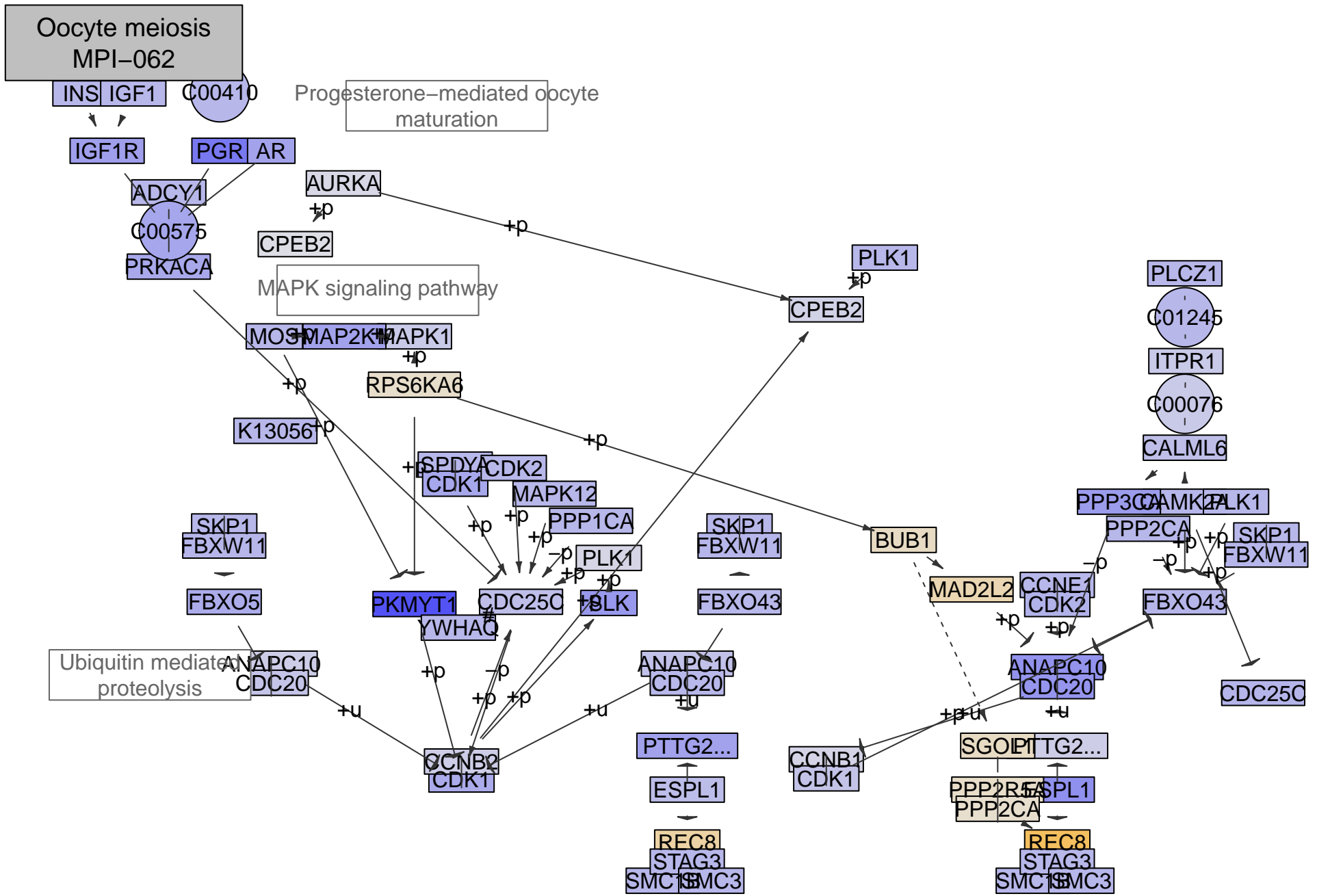
MAPK signaling pathway

Ubiquitin mediated proteolysis

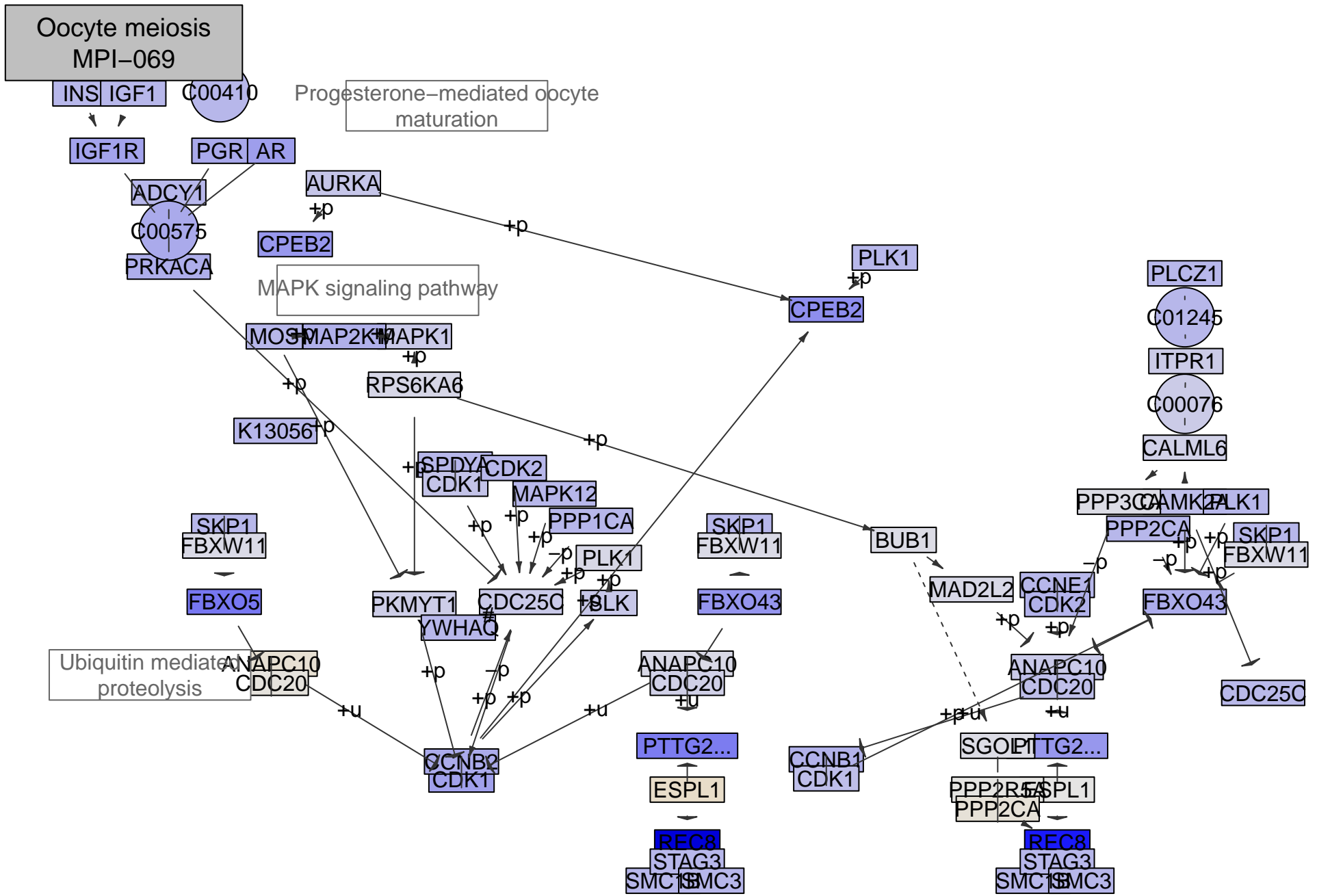


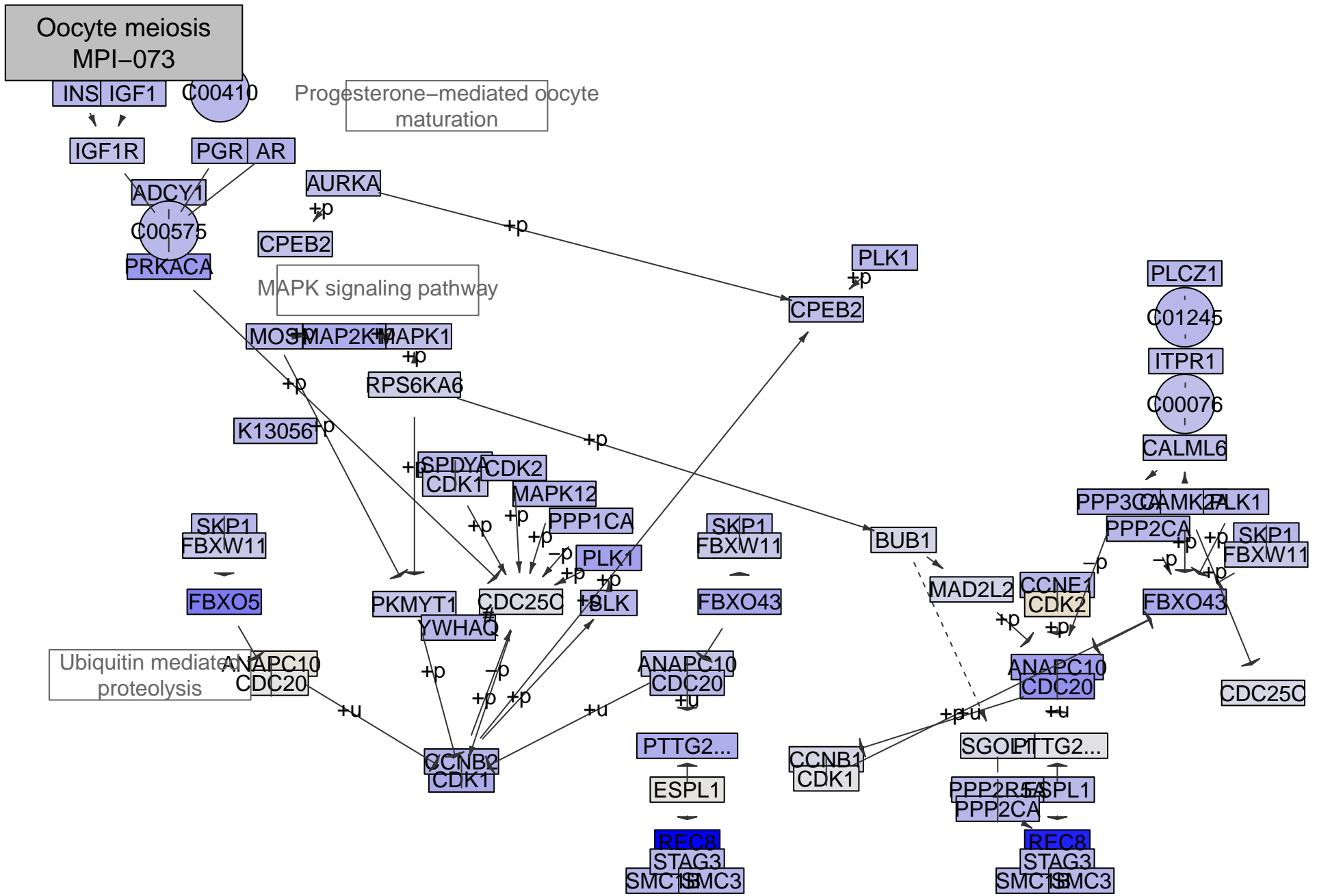


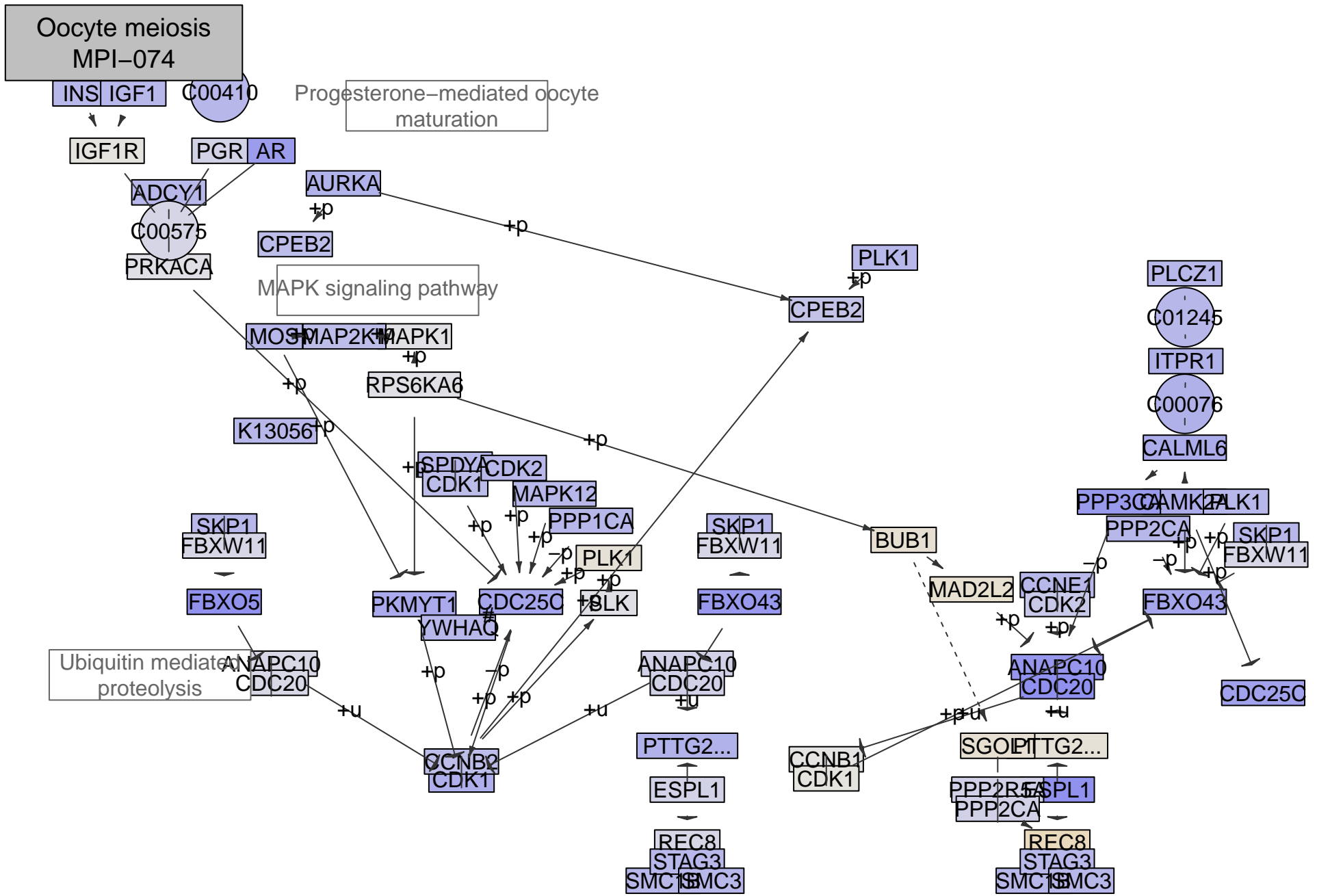


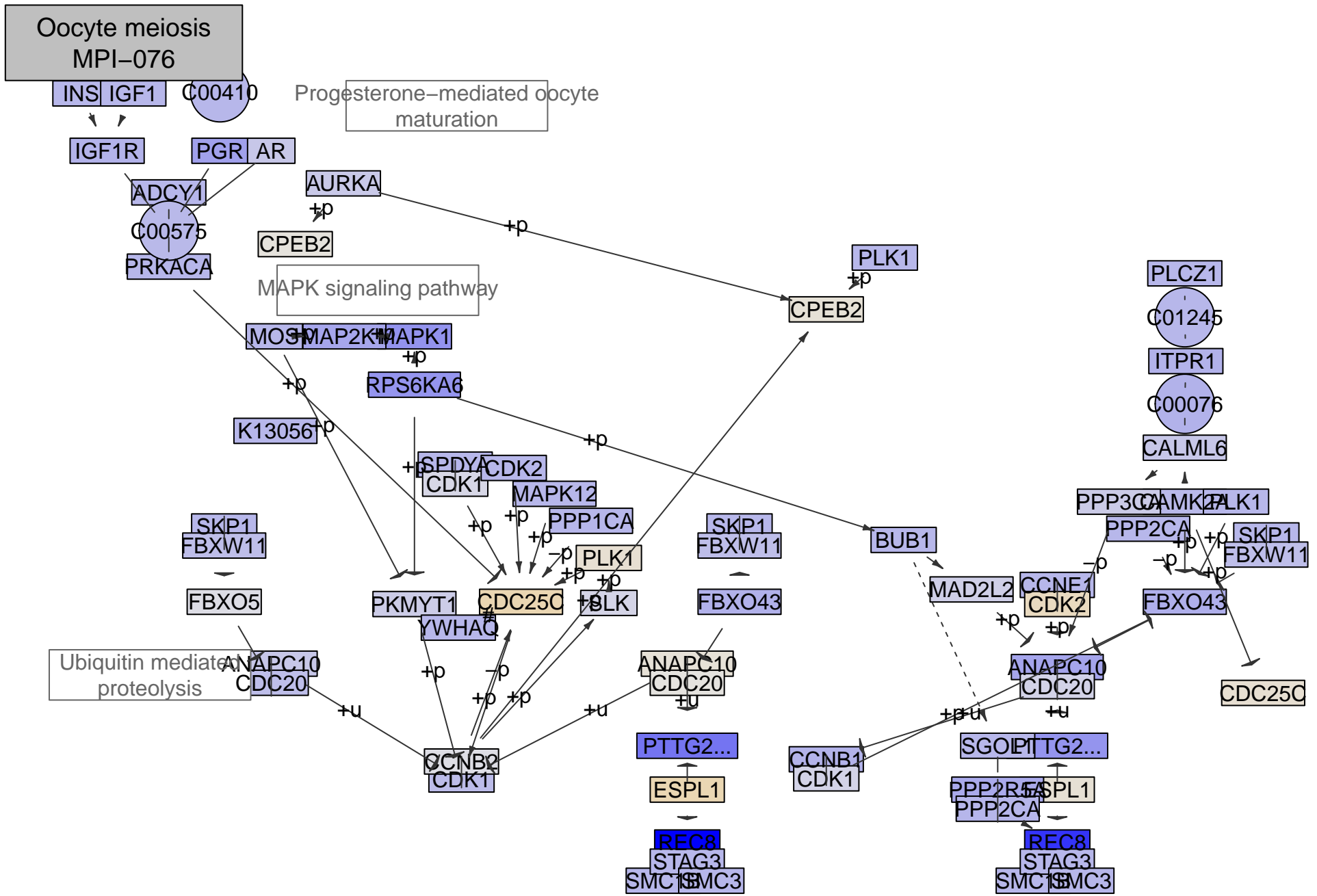


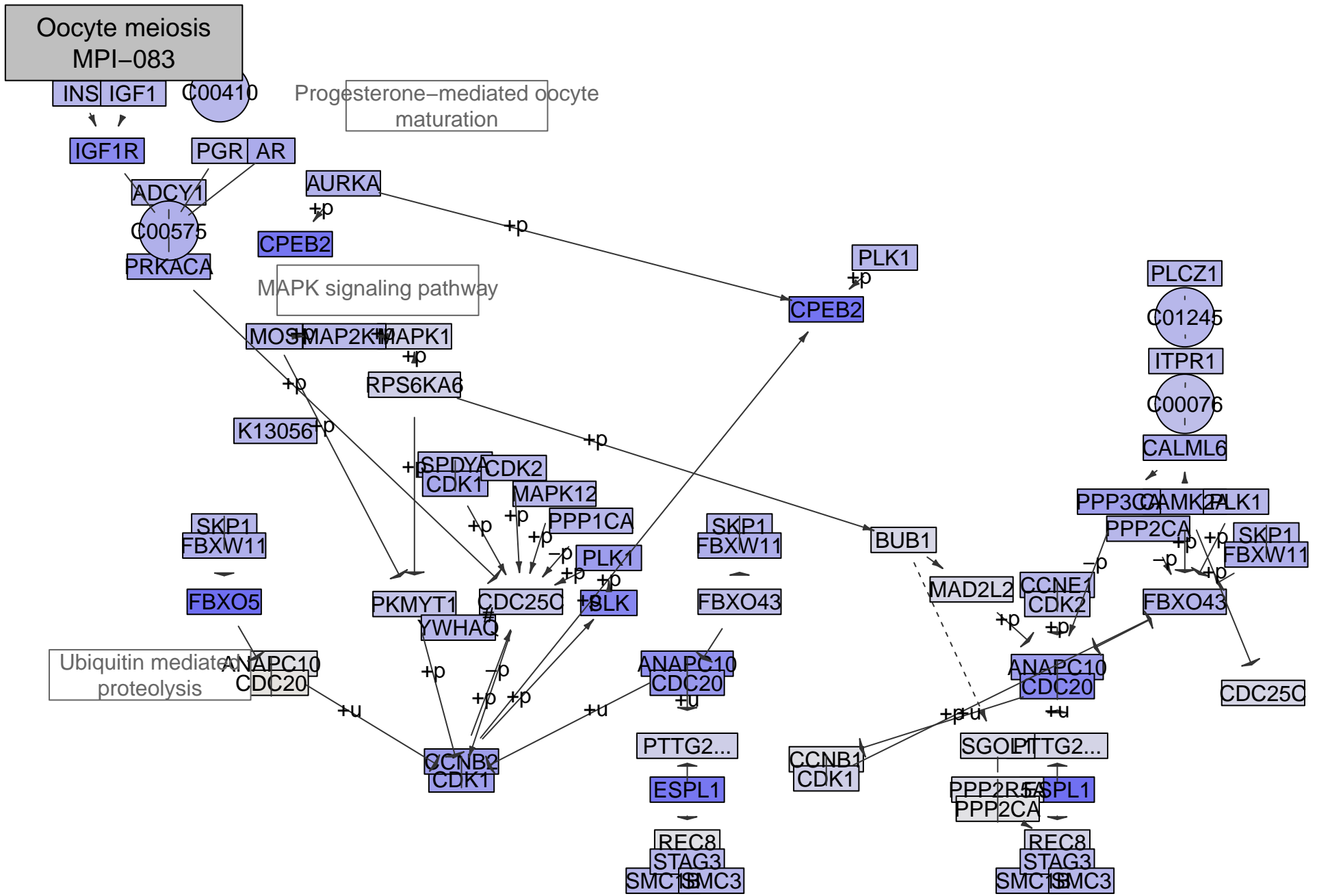




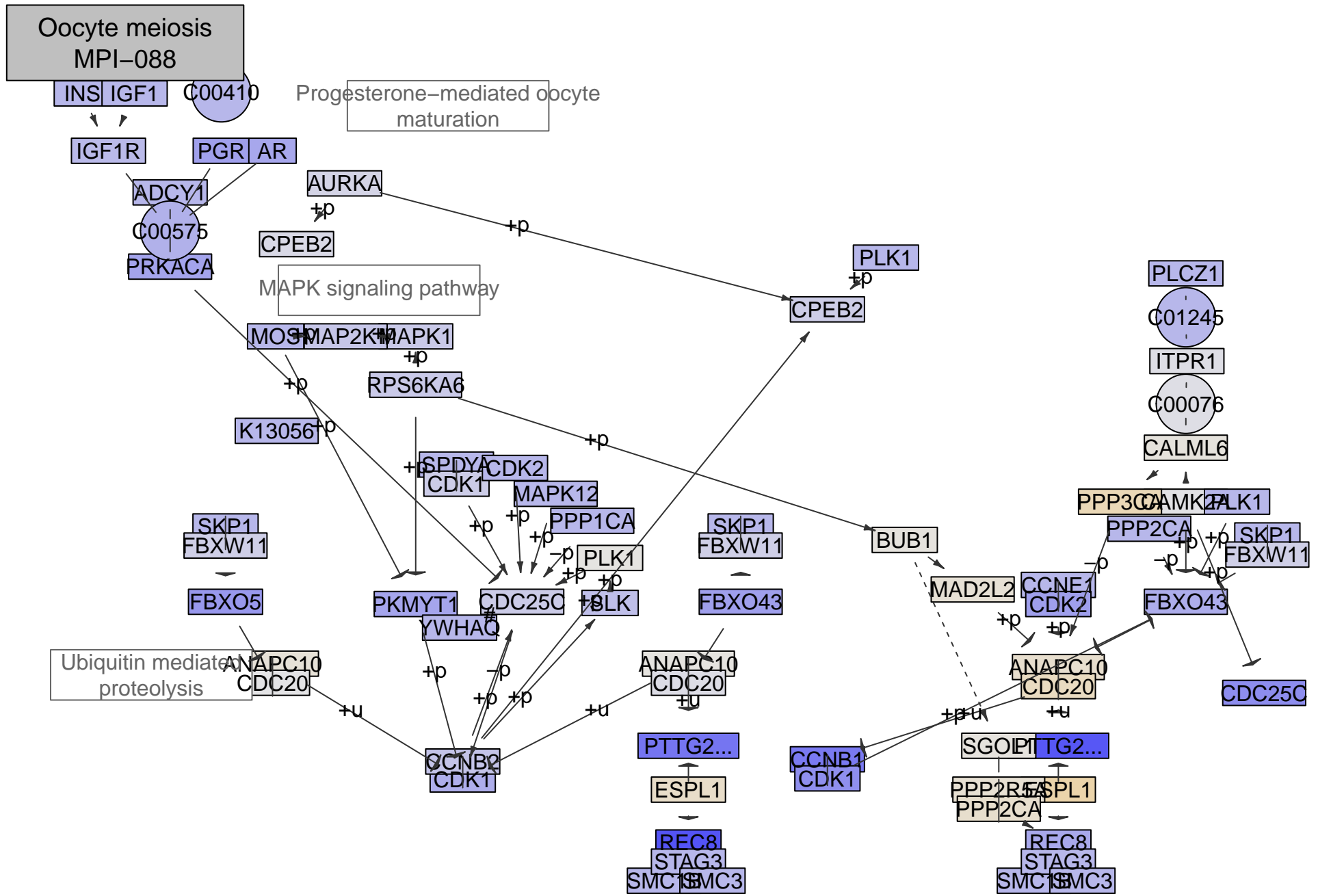


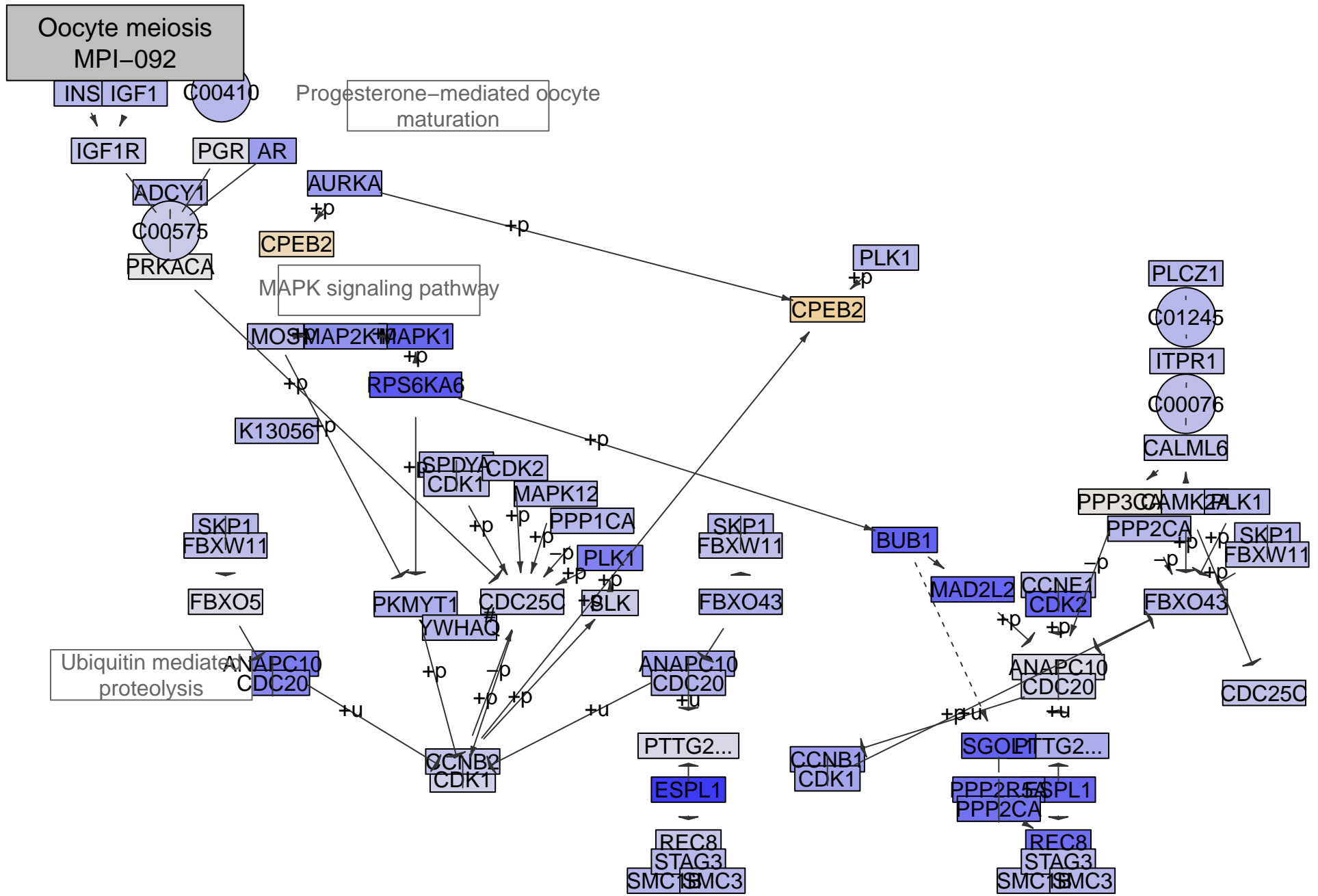


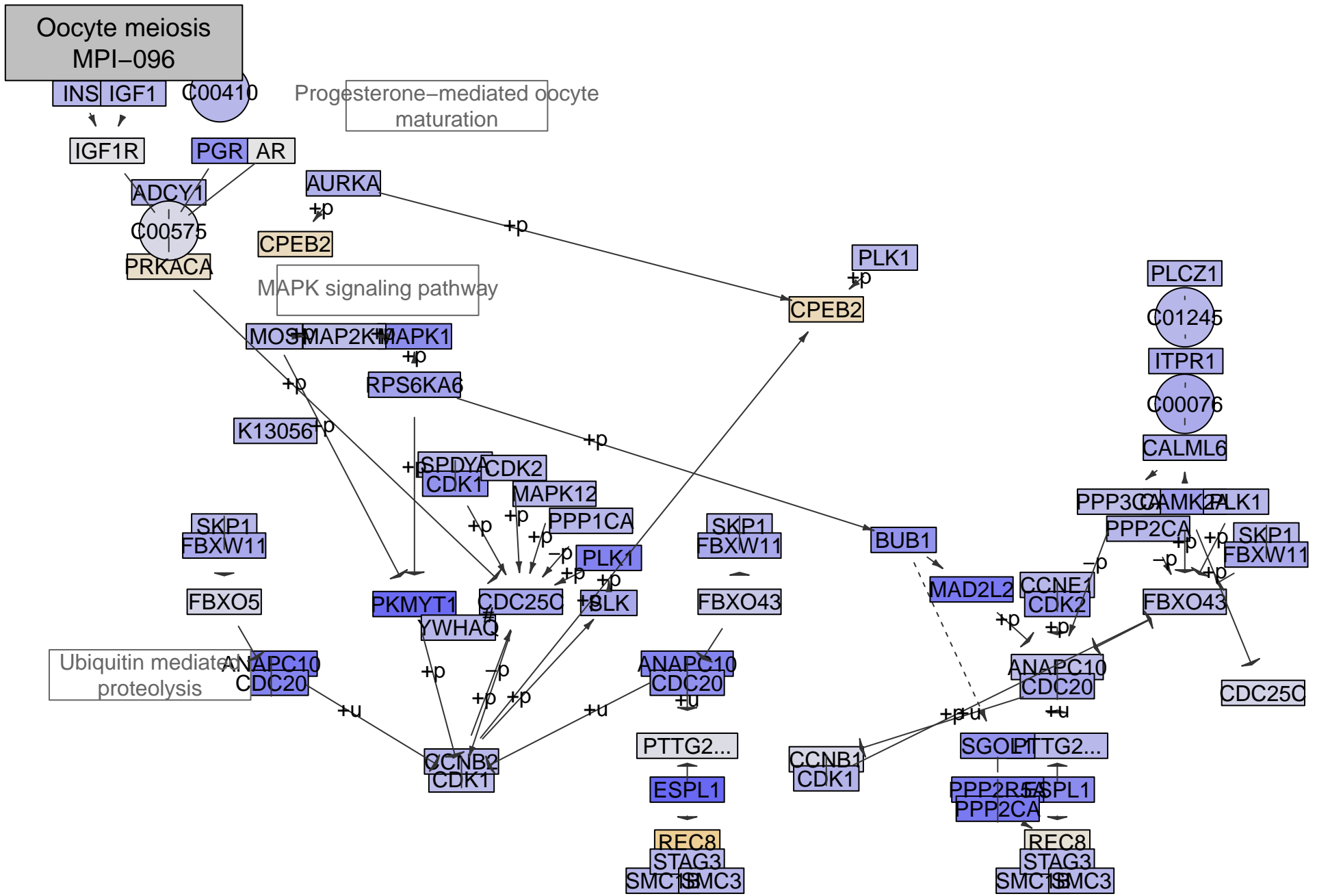


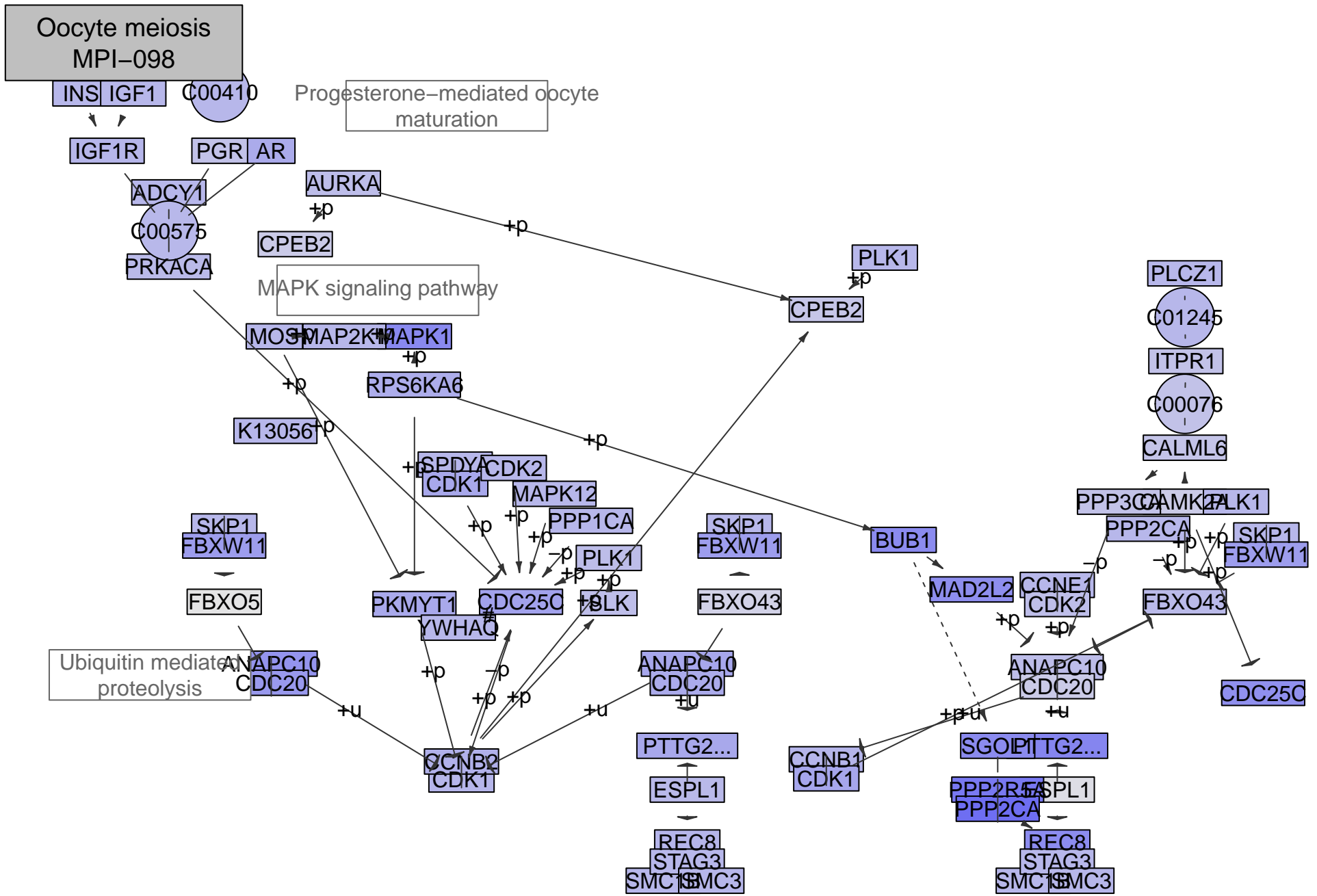




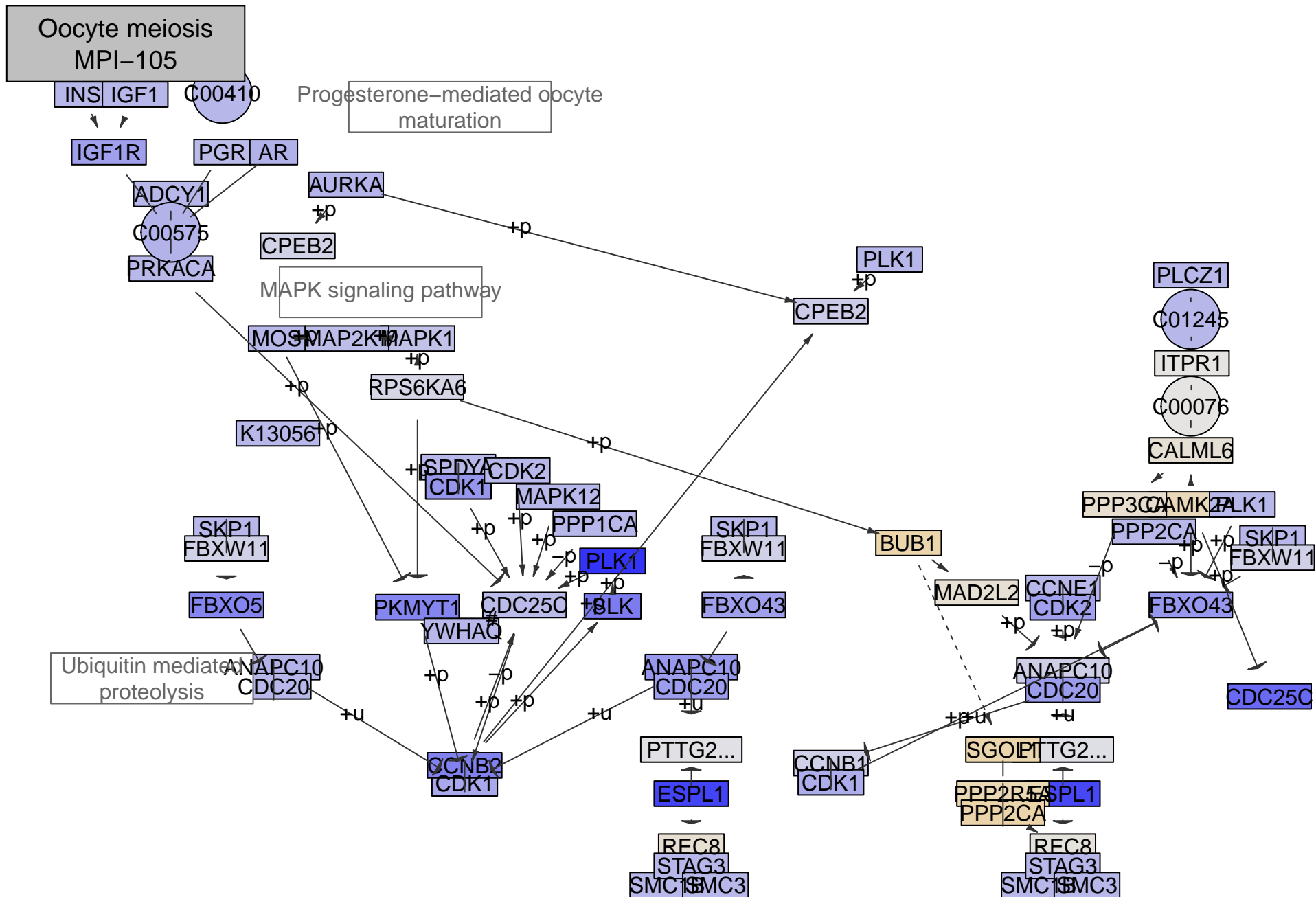


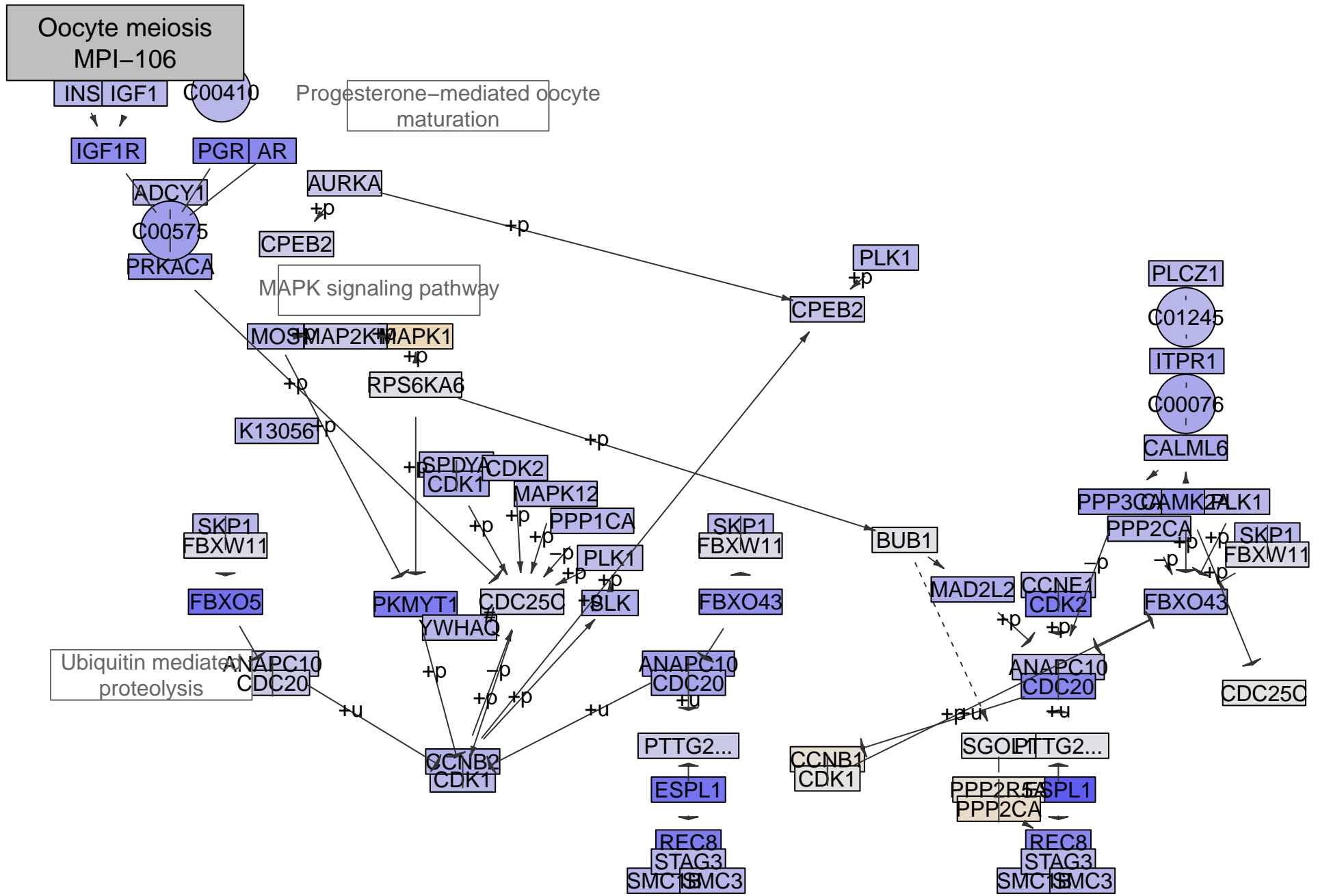


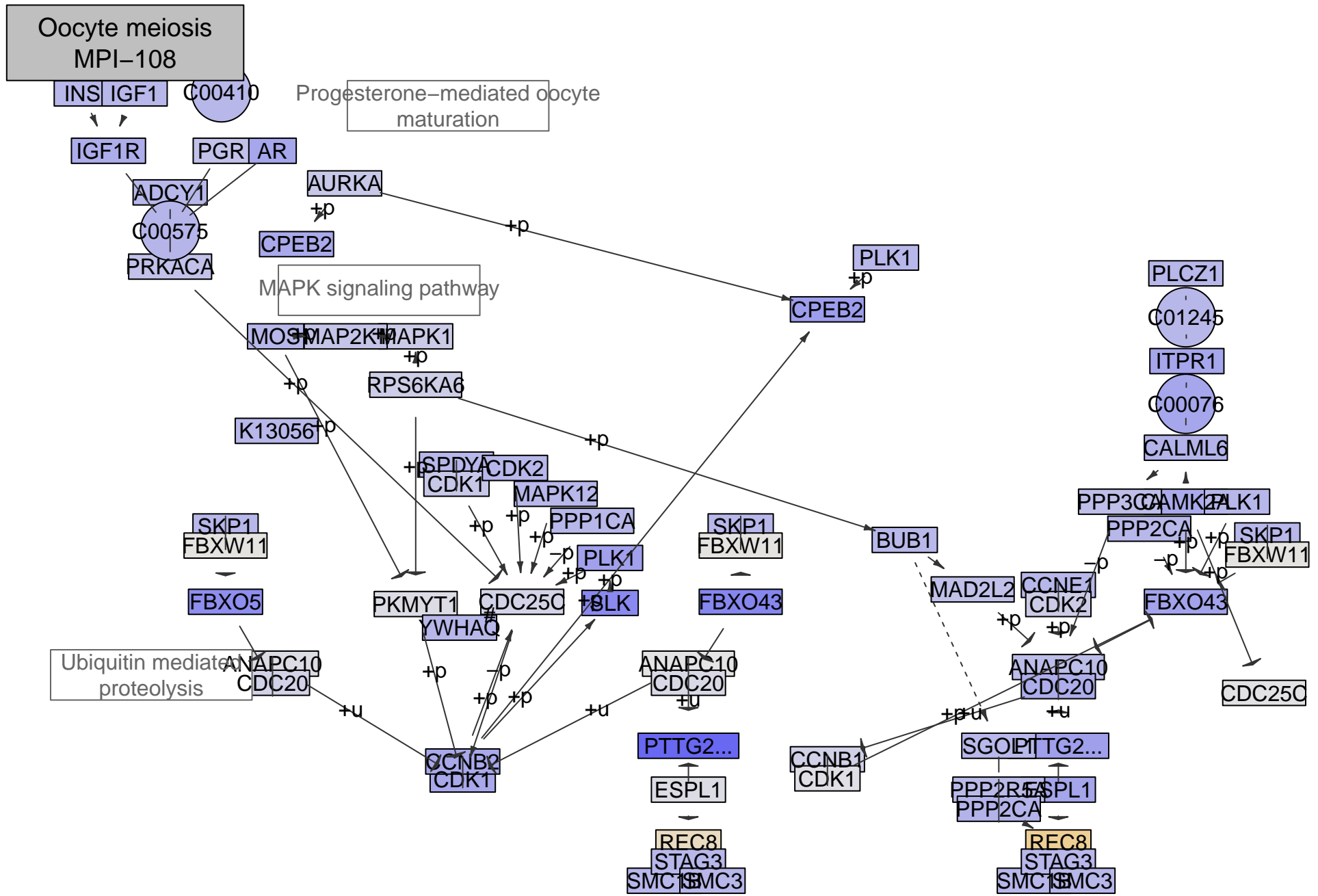




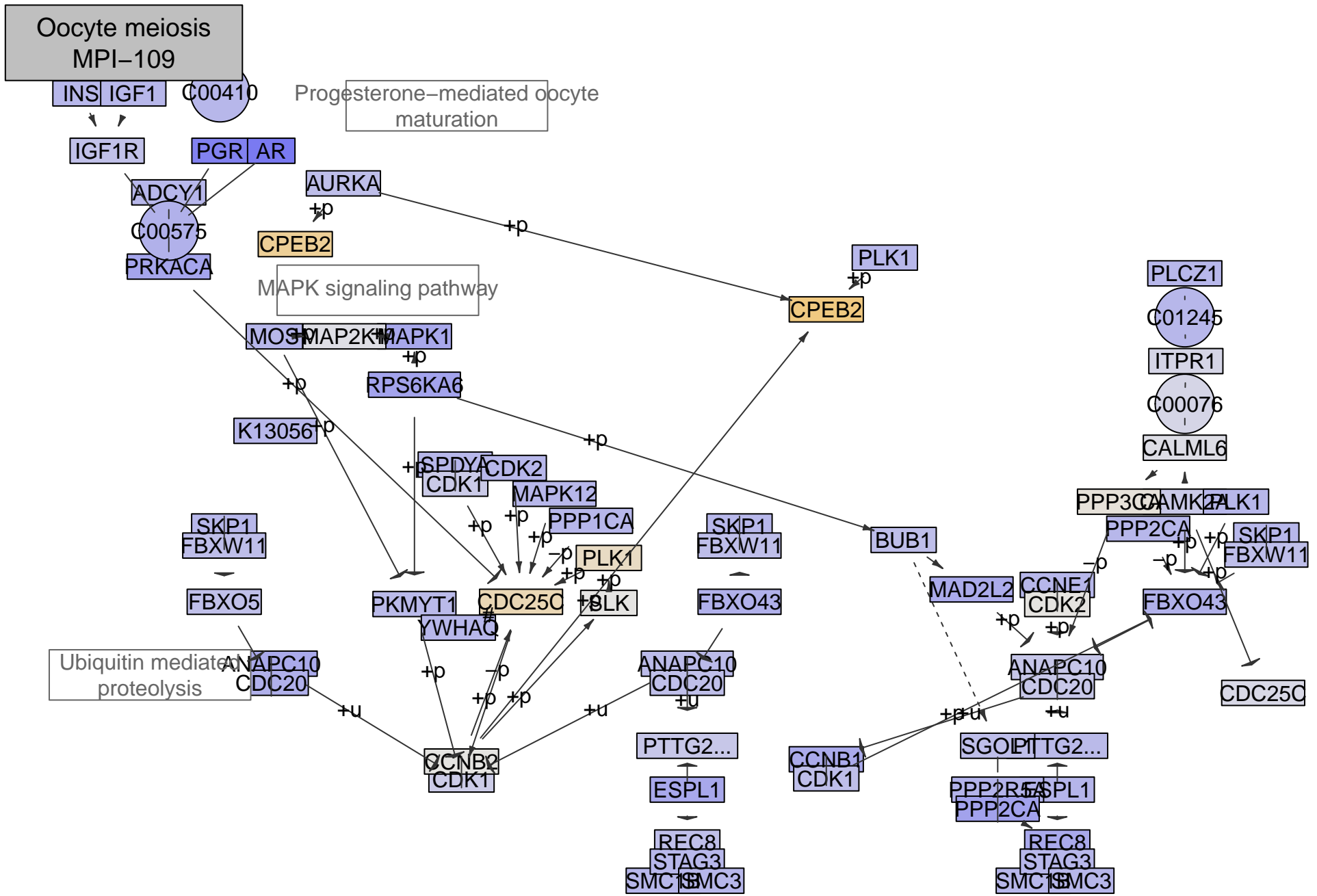




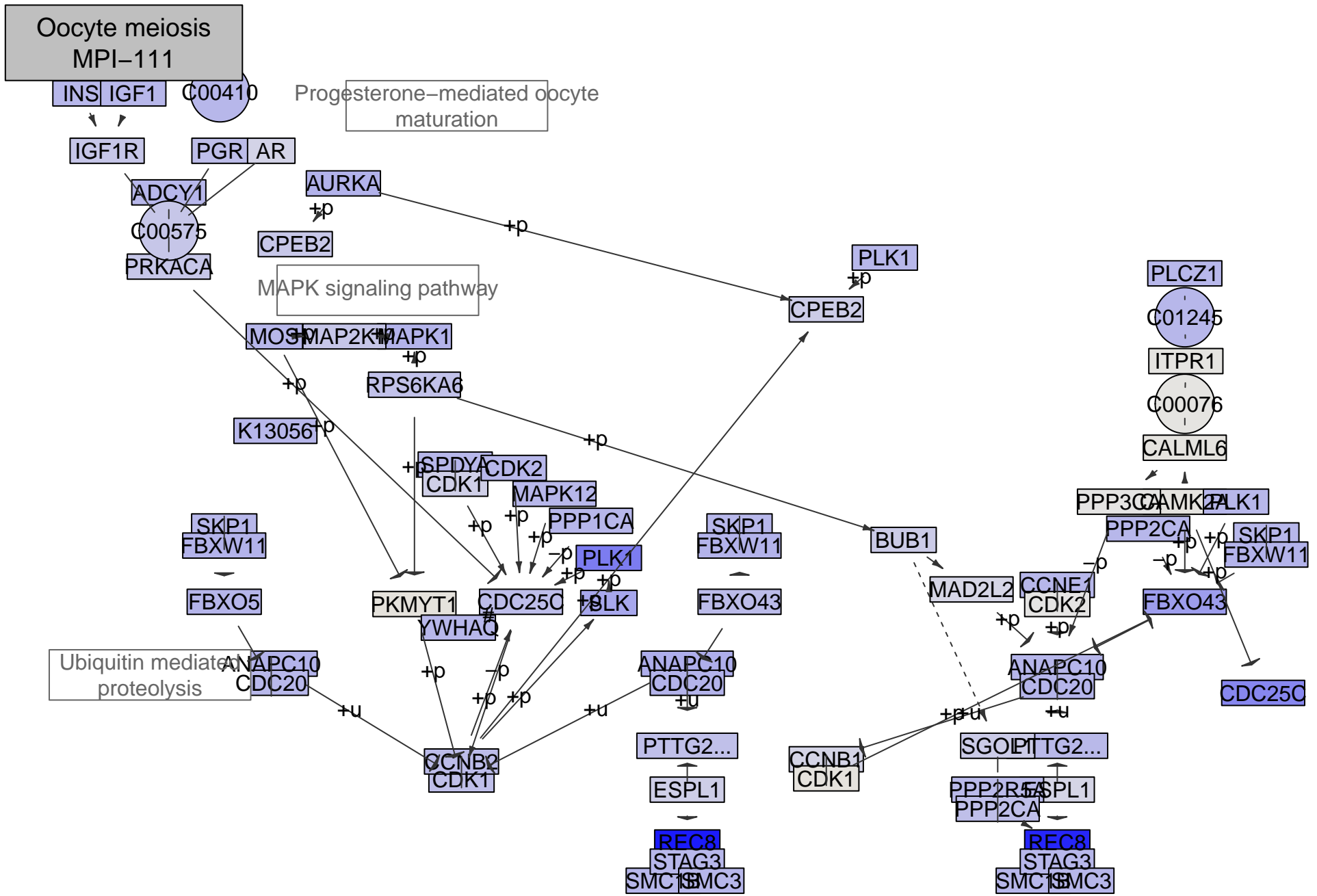


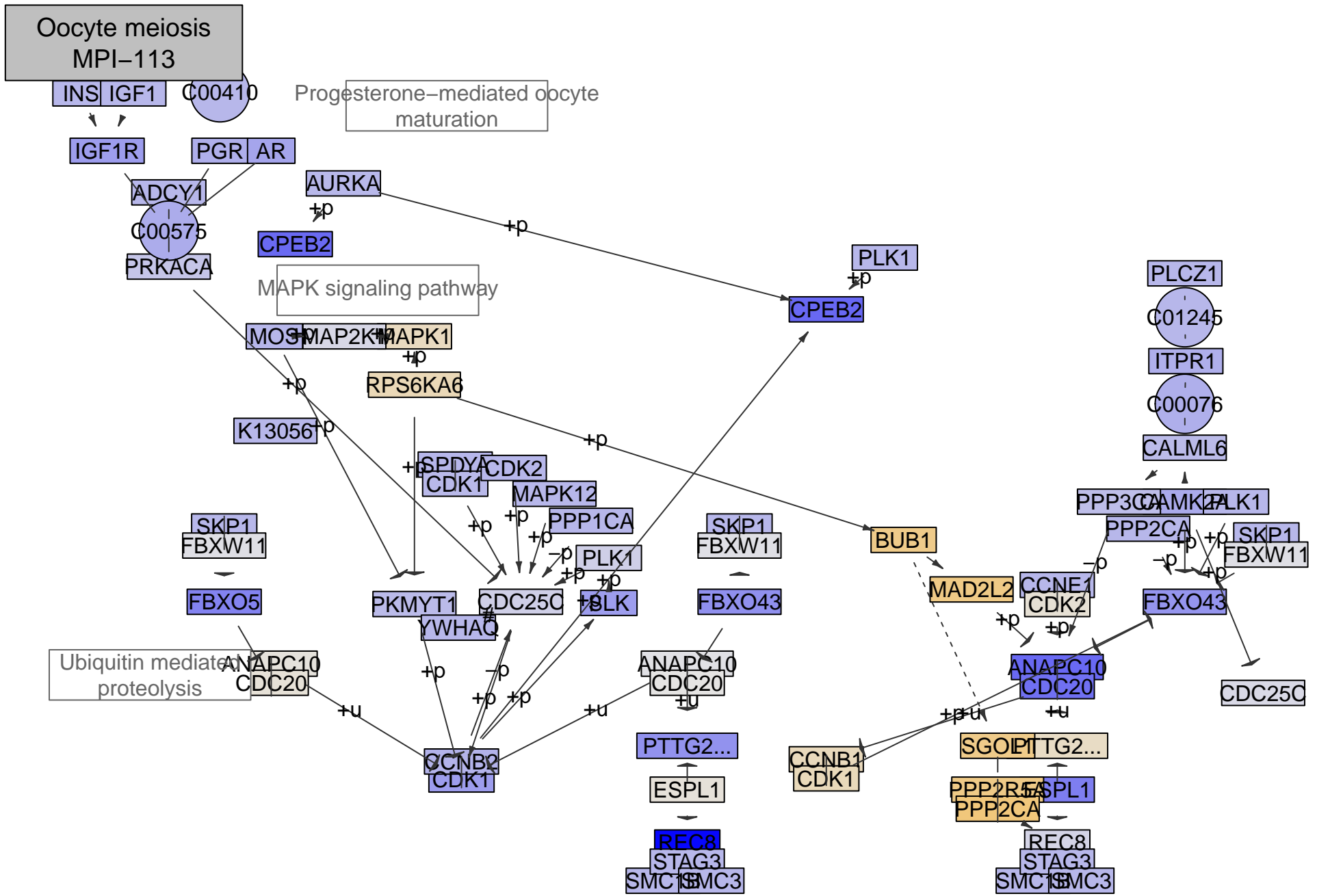


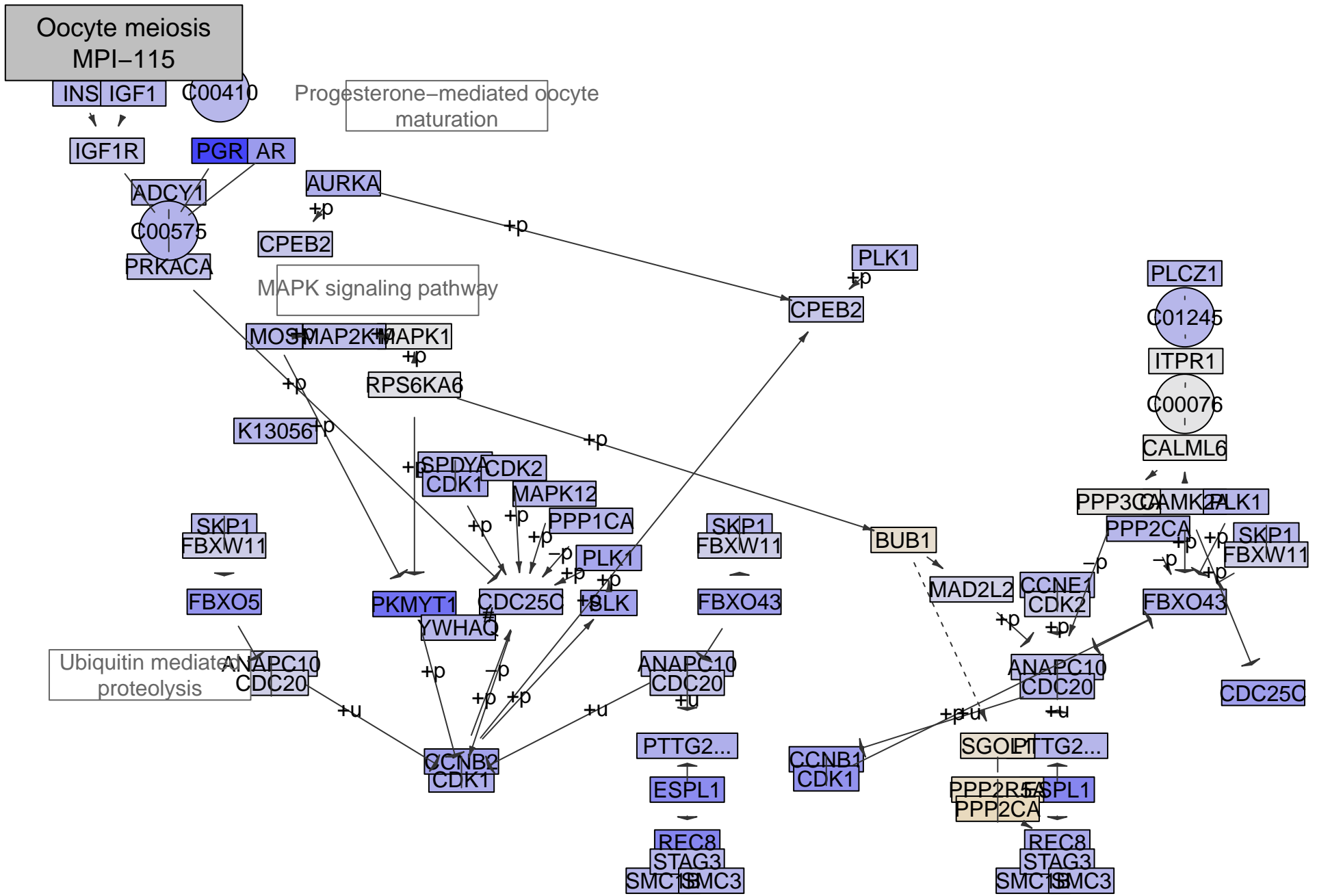


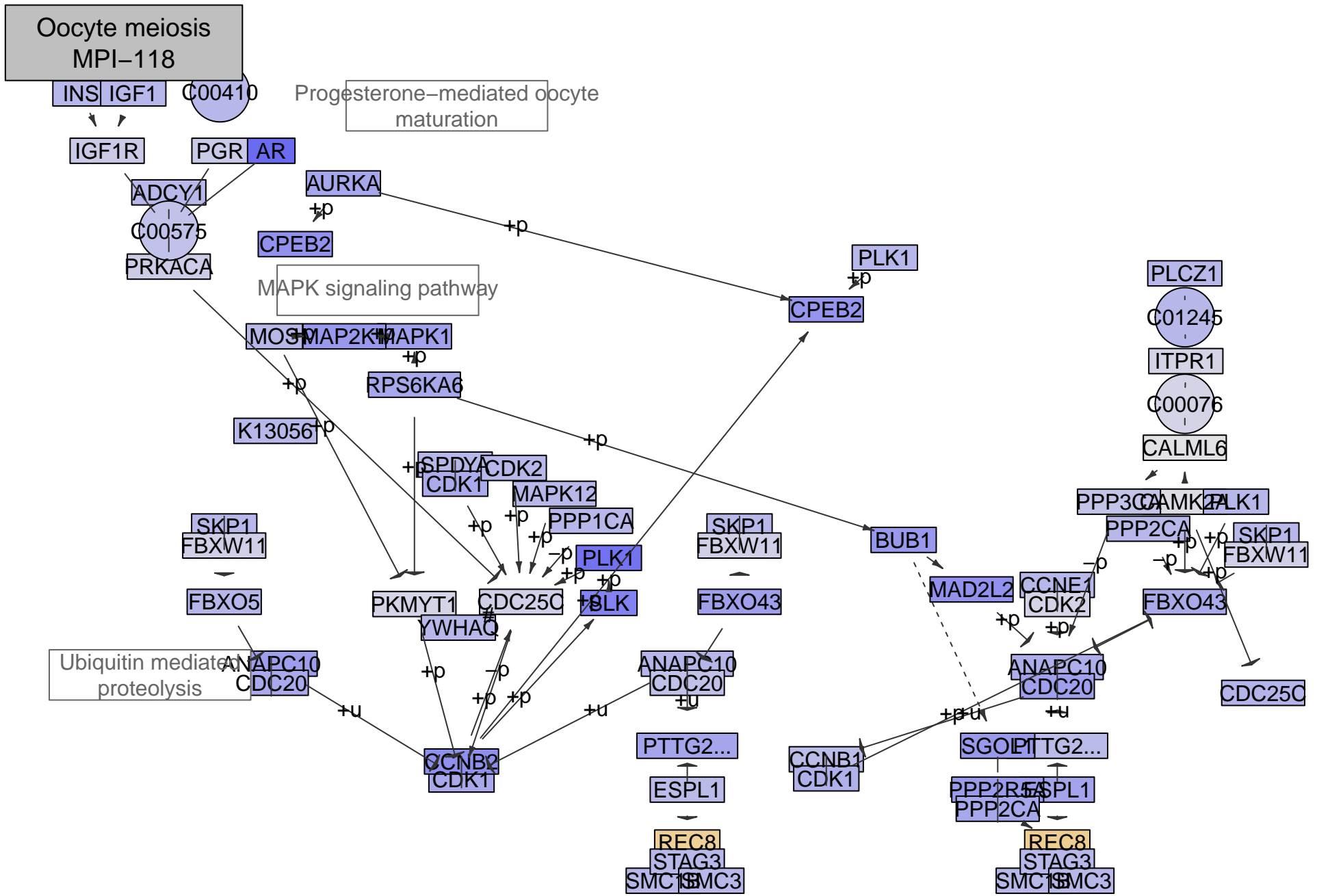


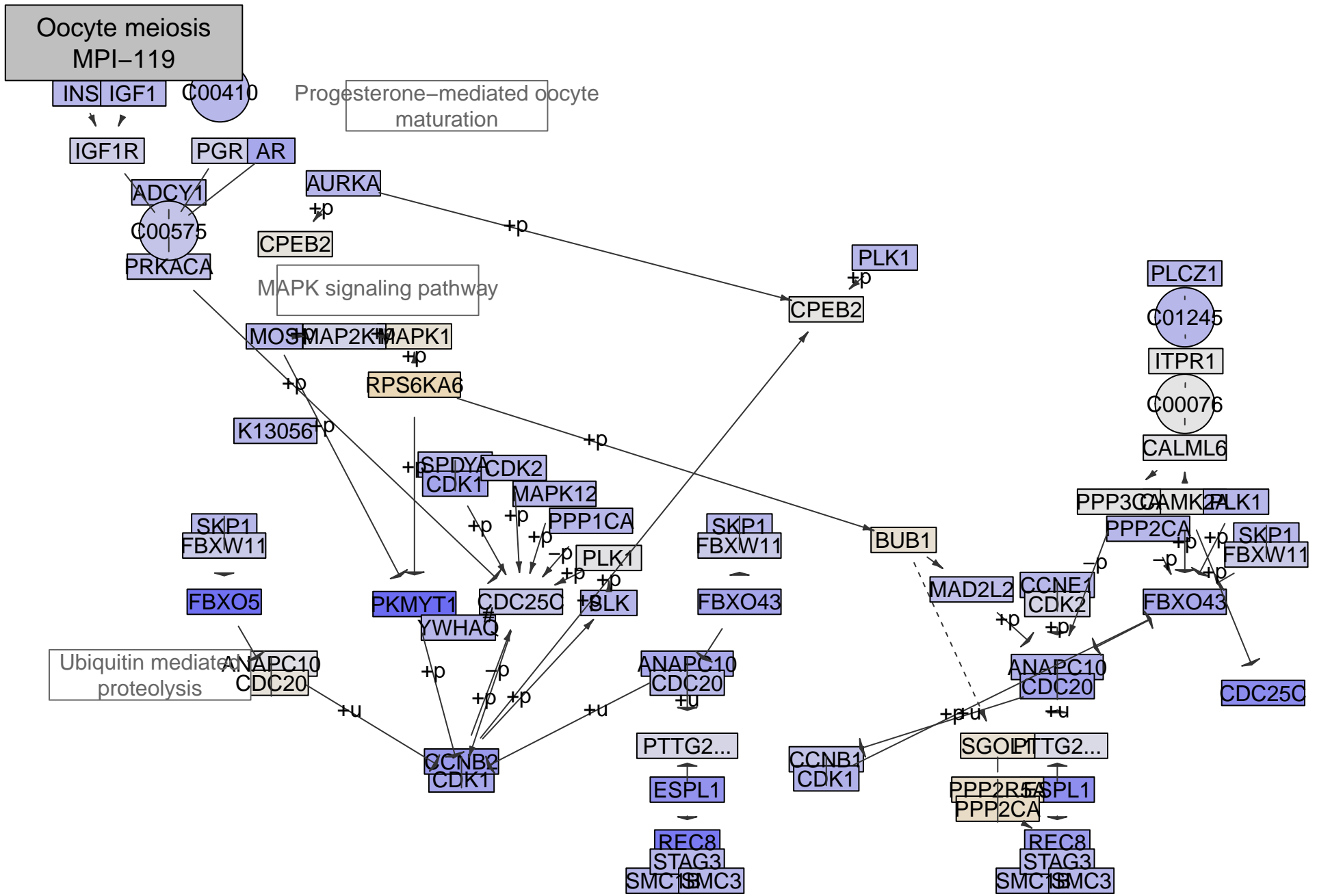


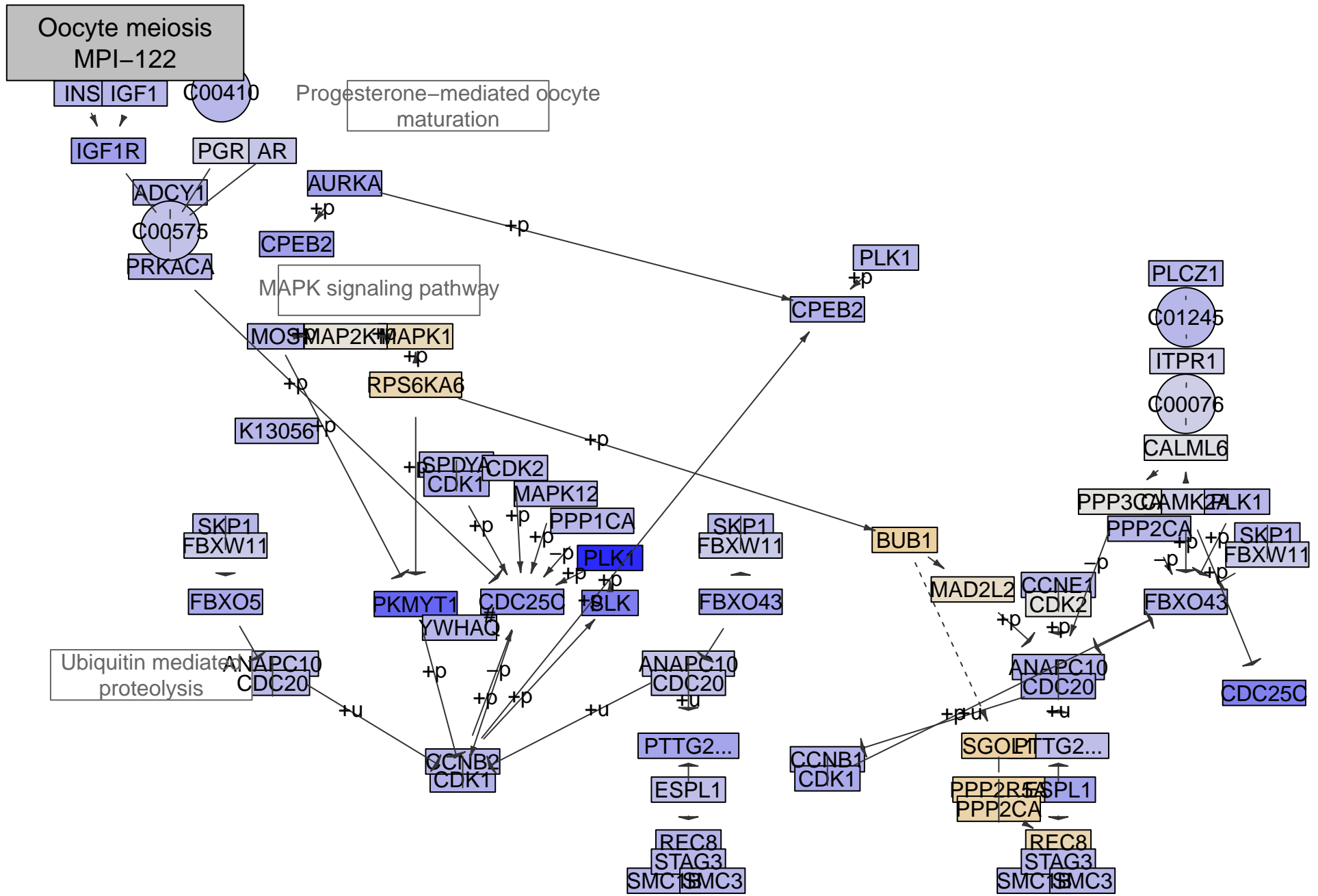




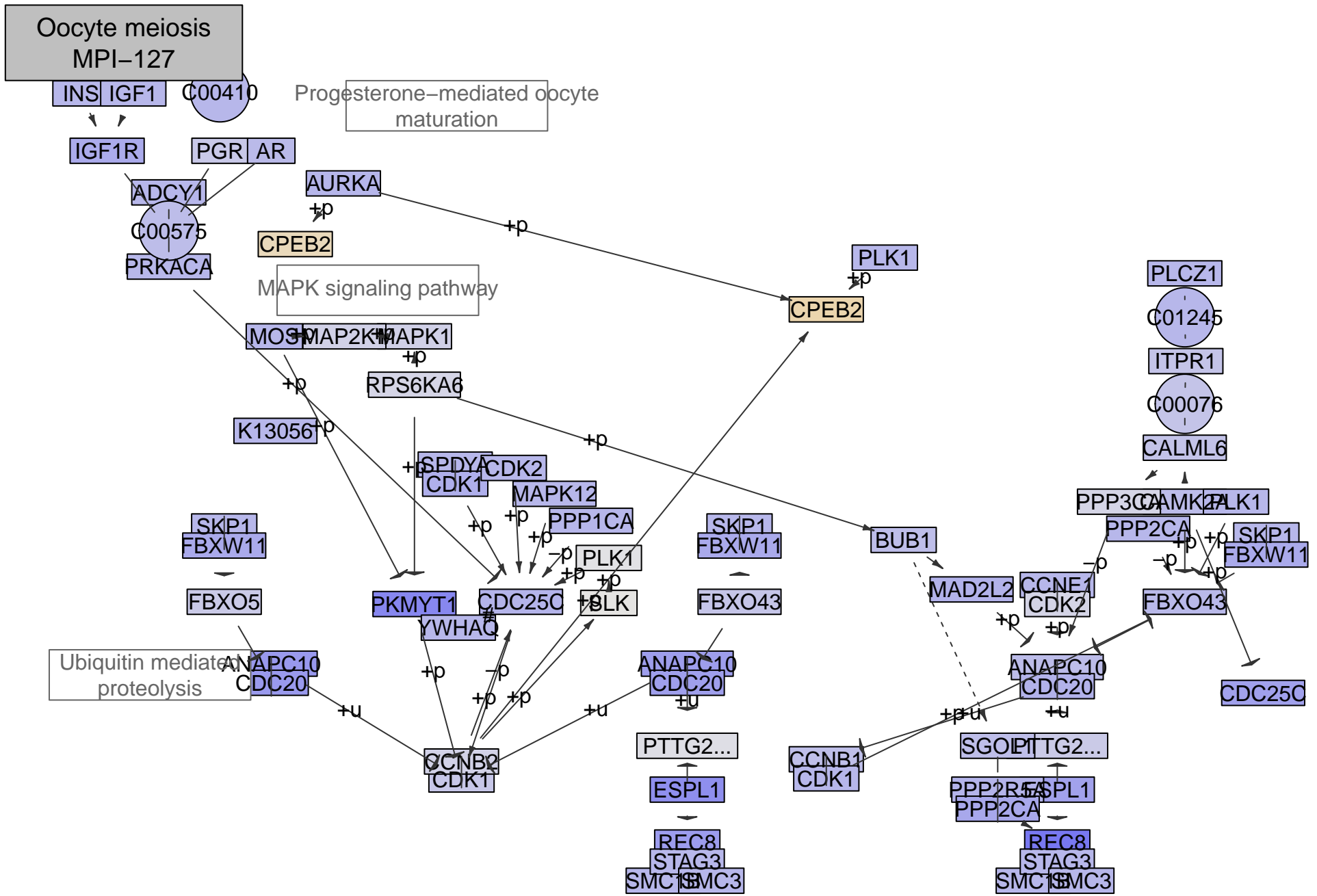


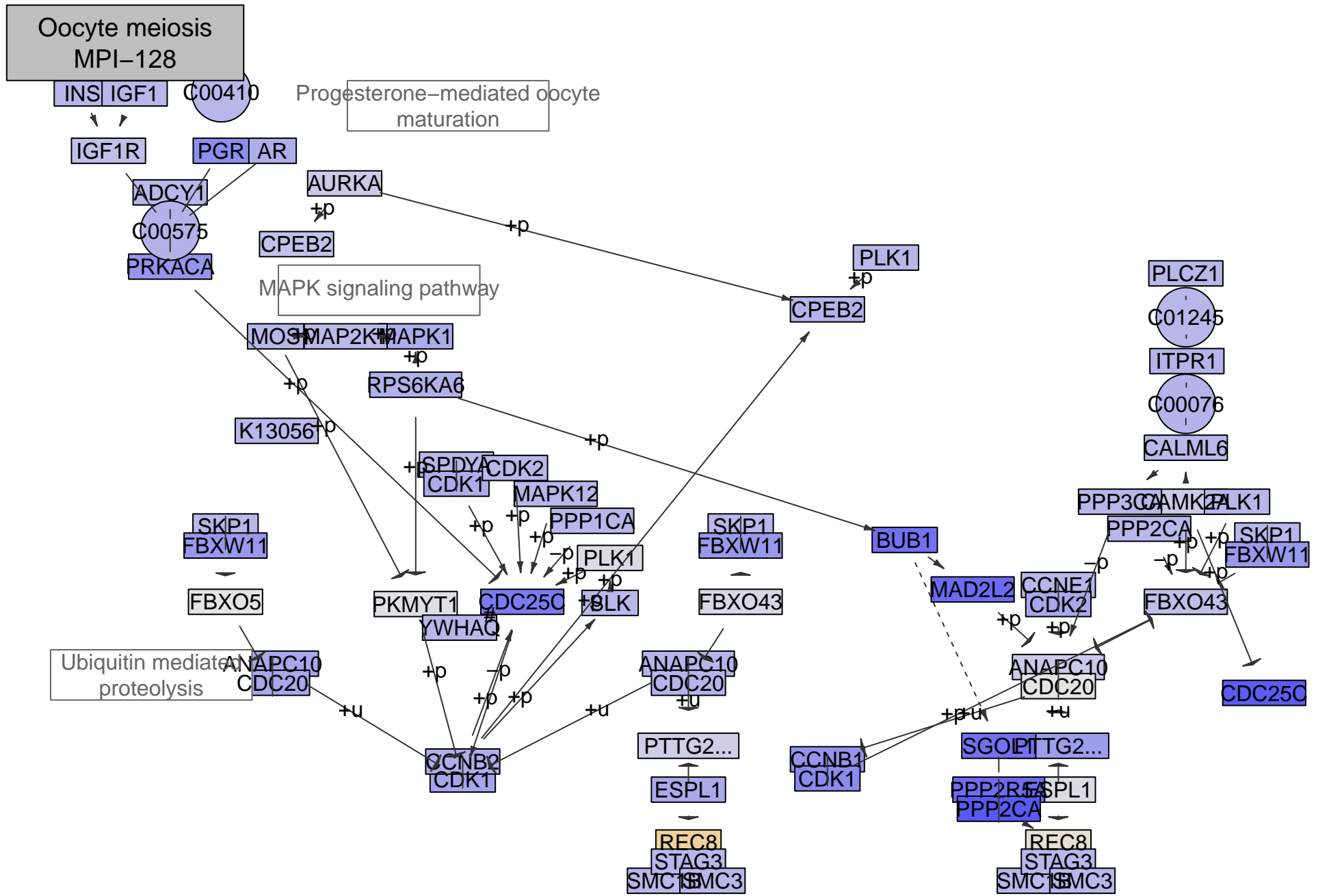


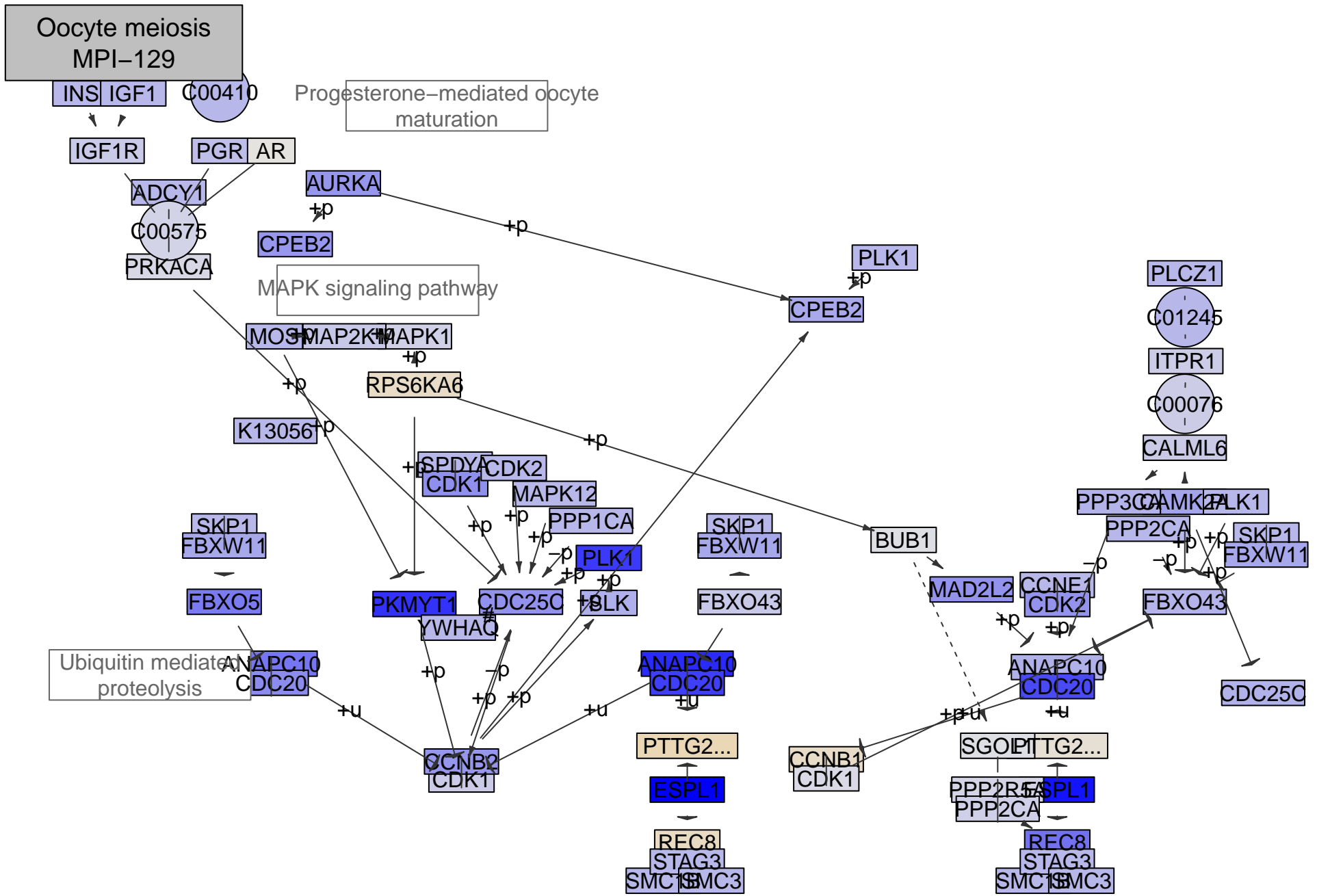


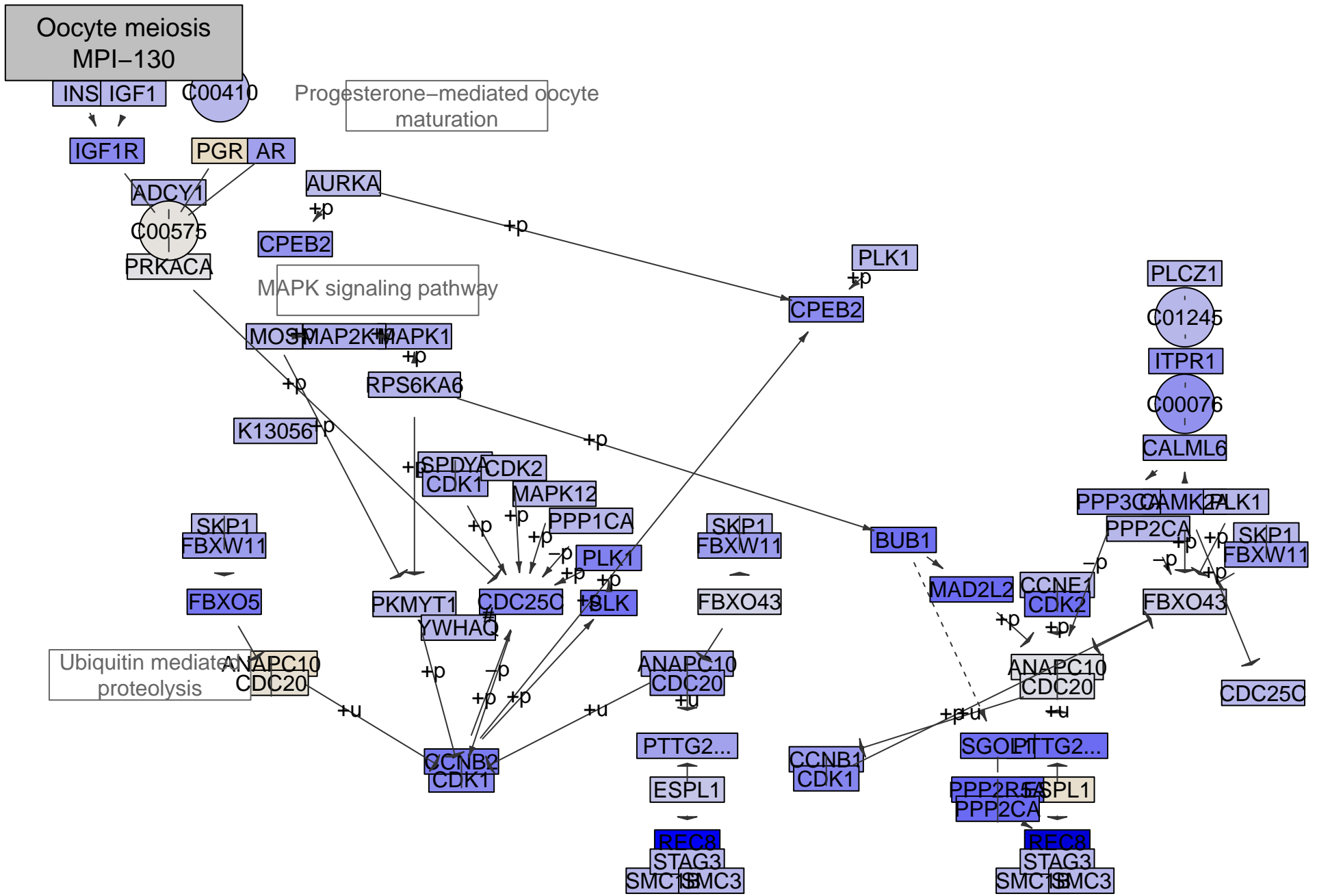


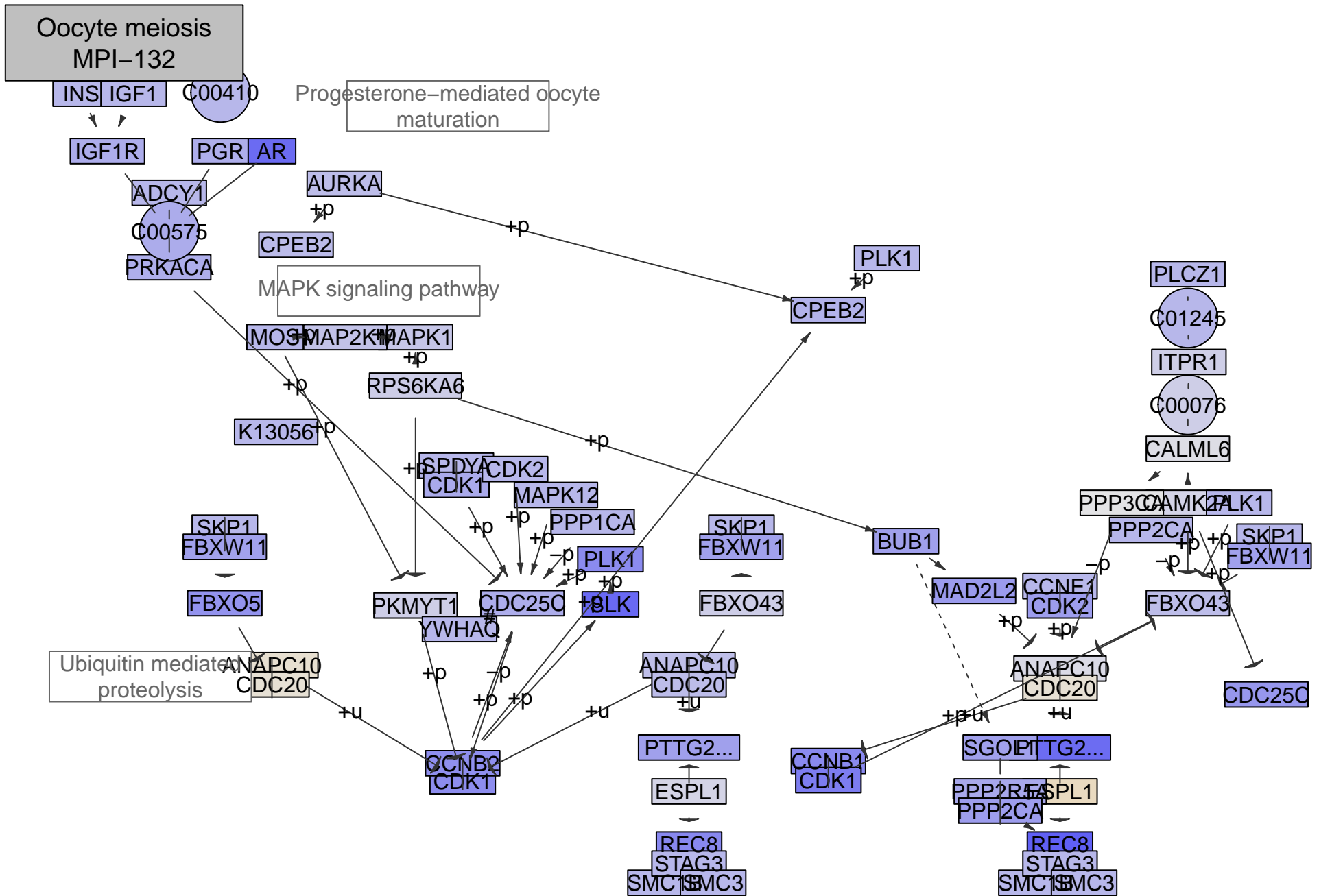


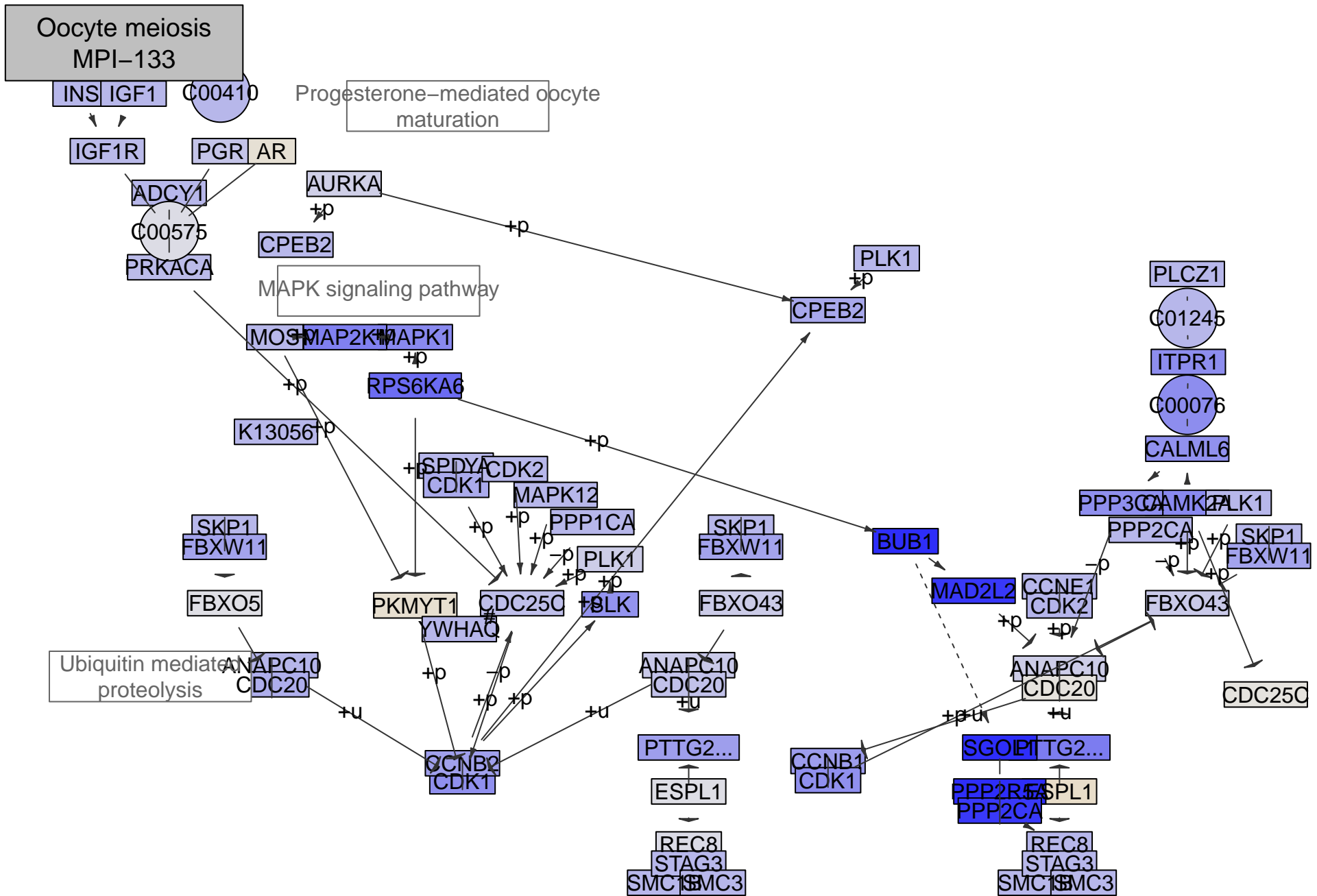


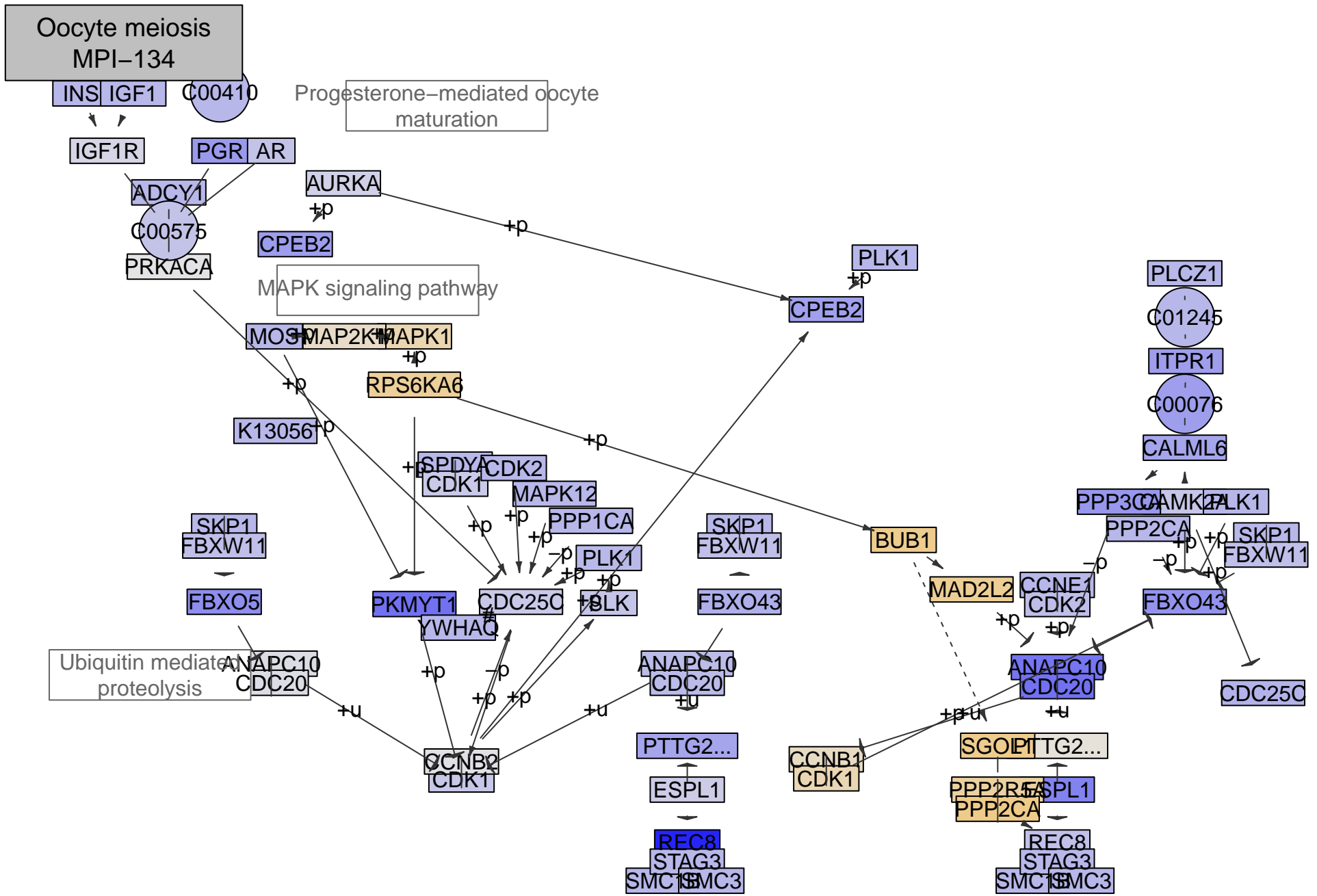


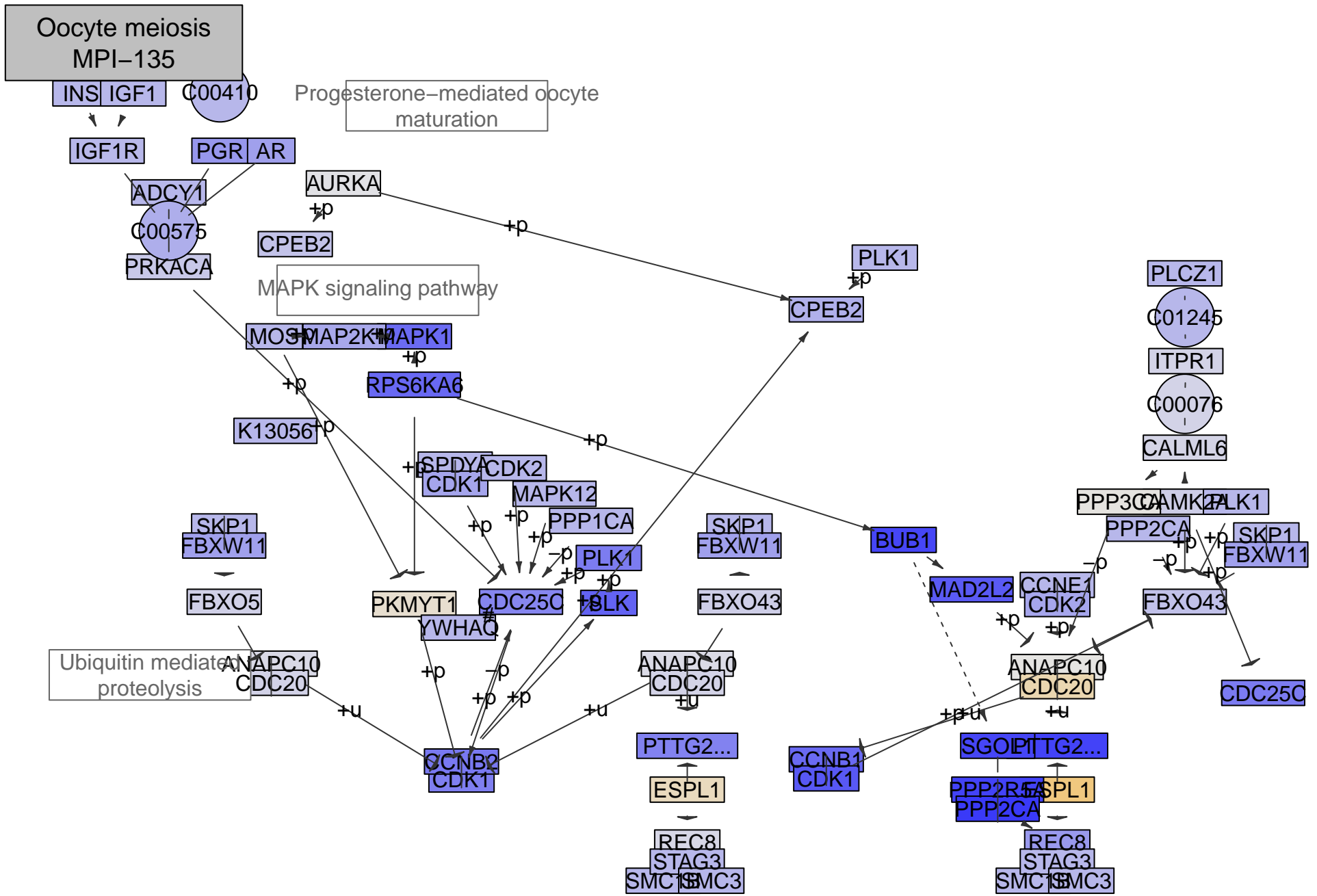




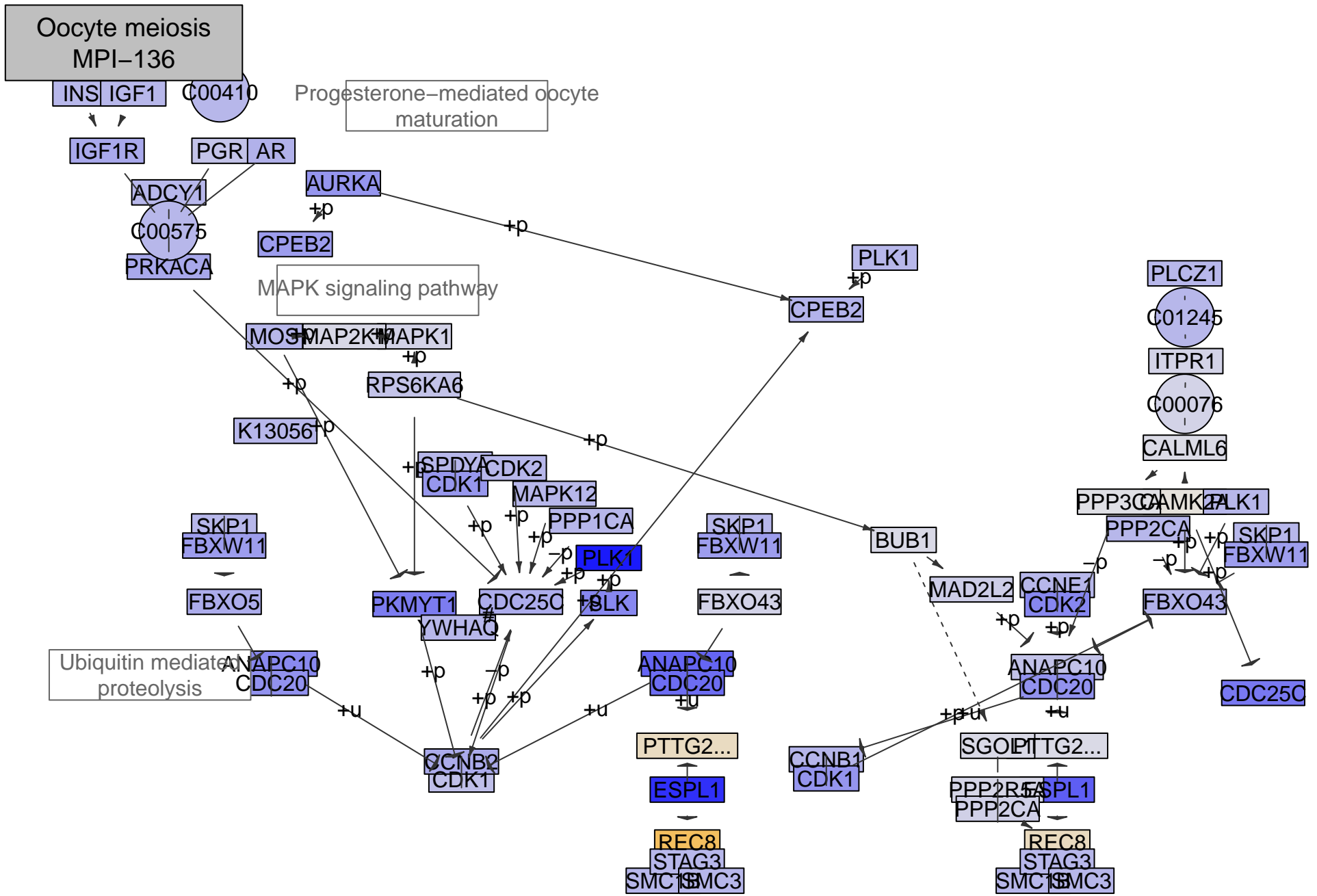


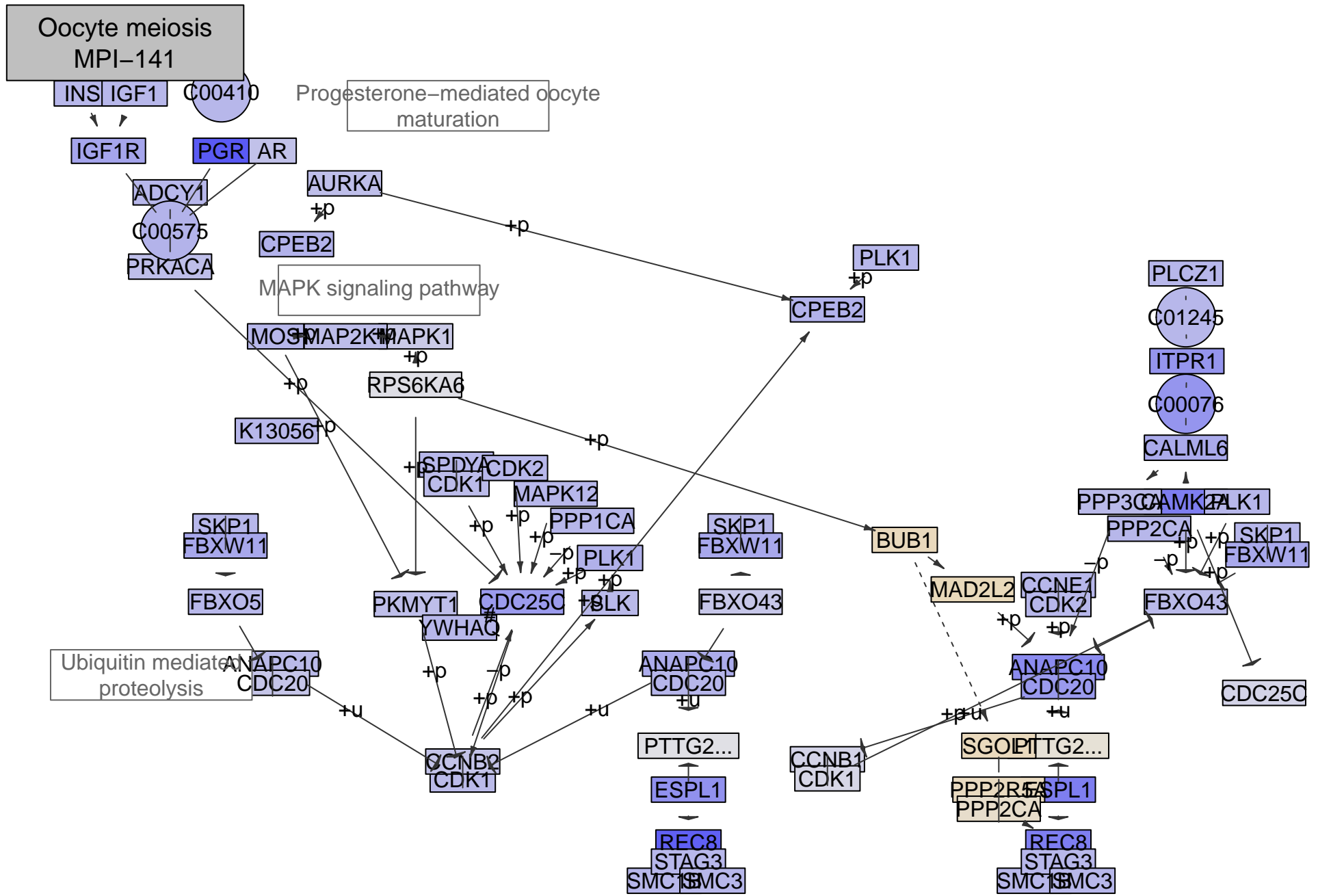


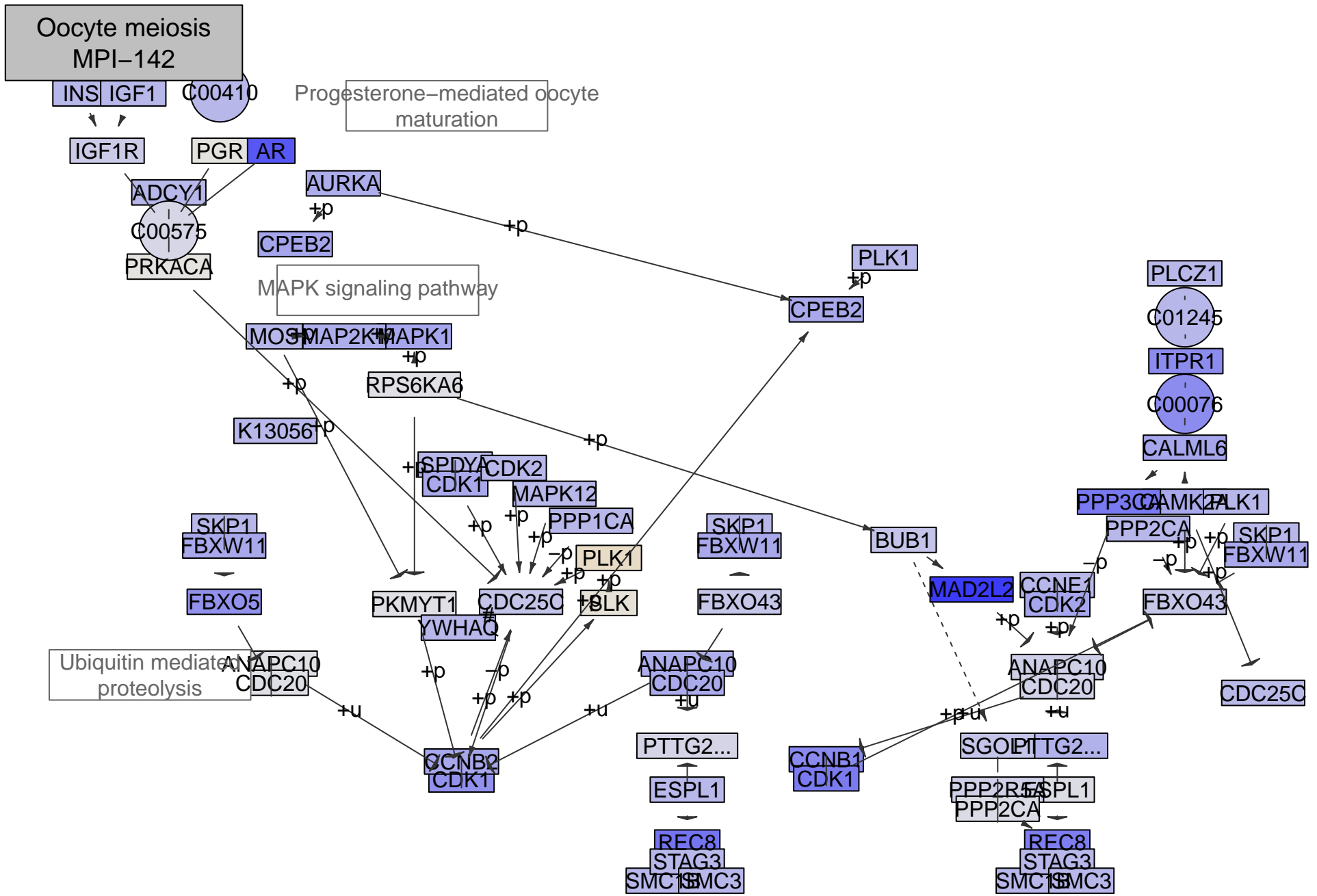


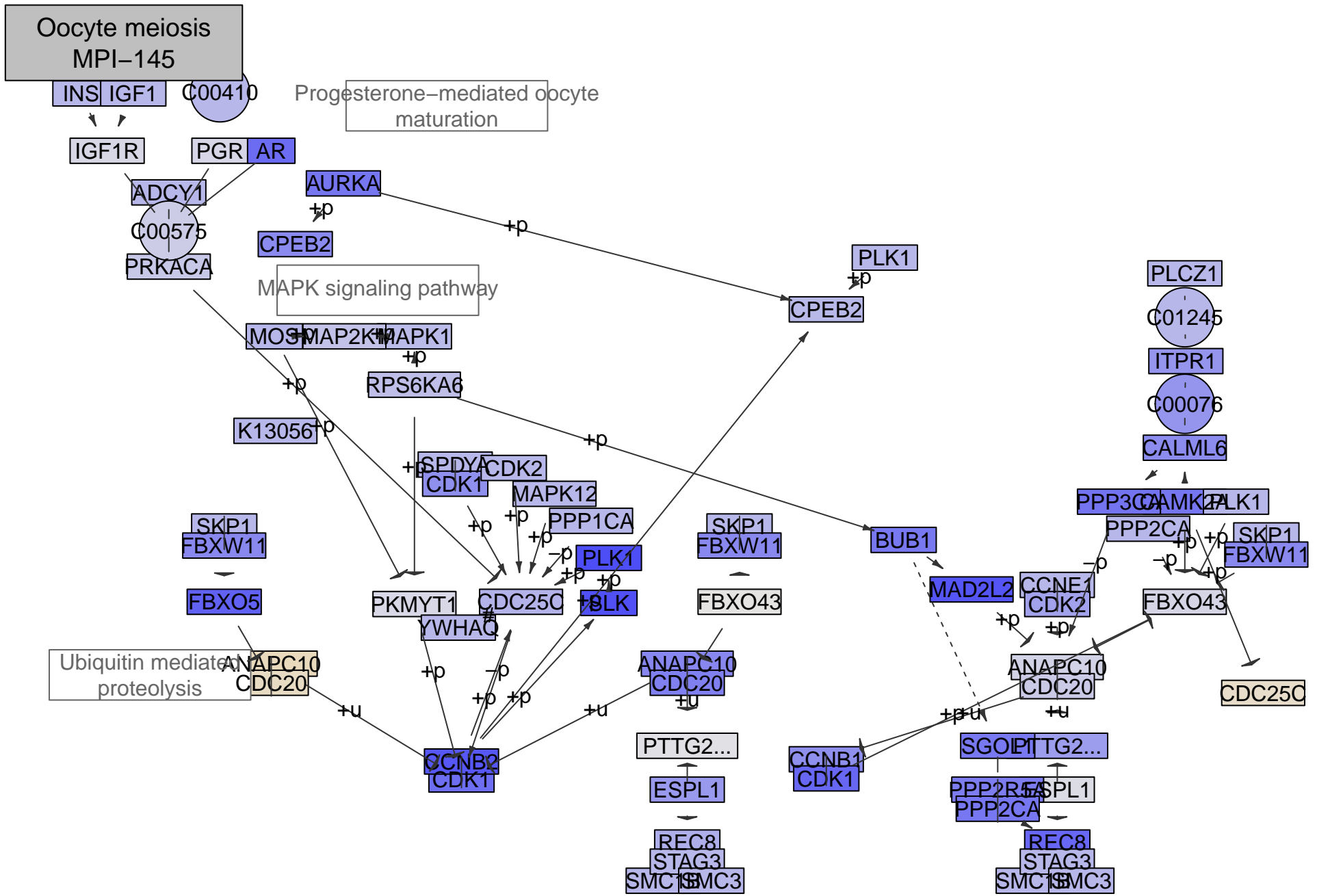


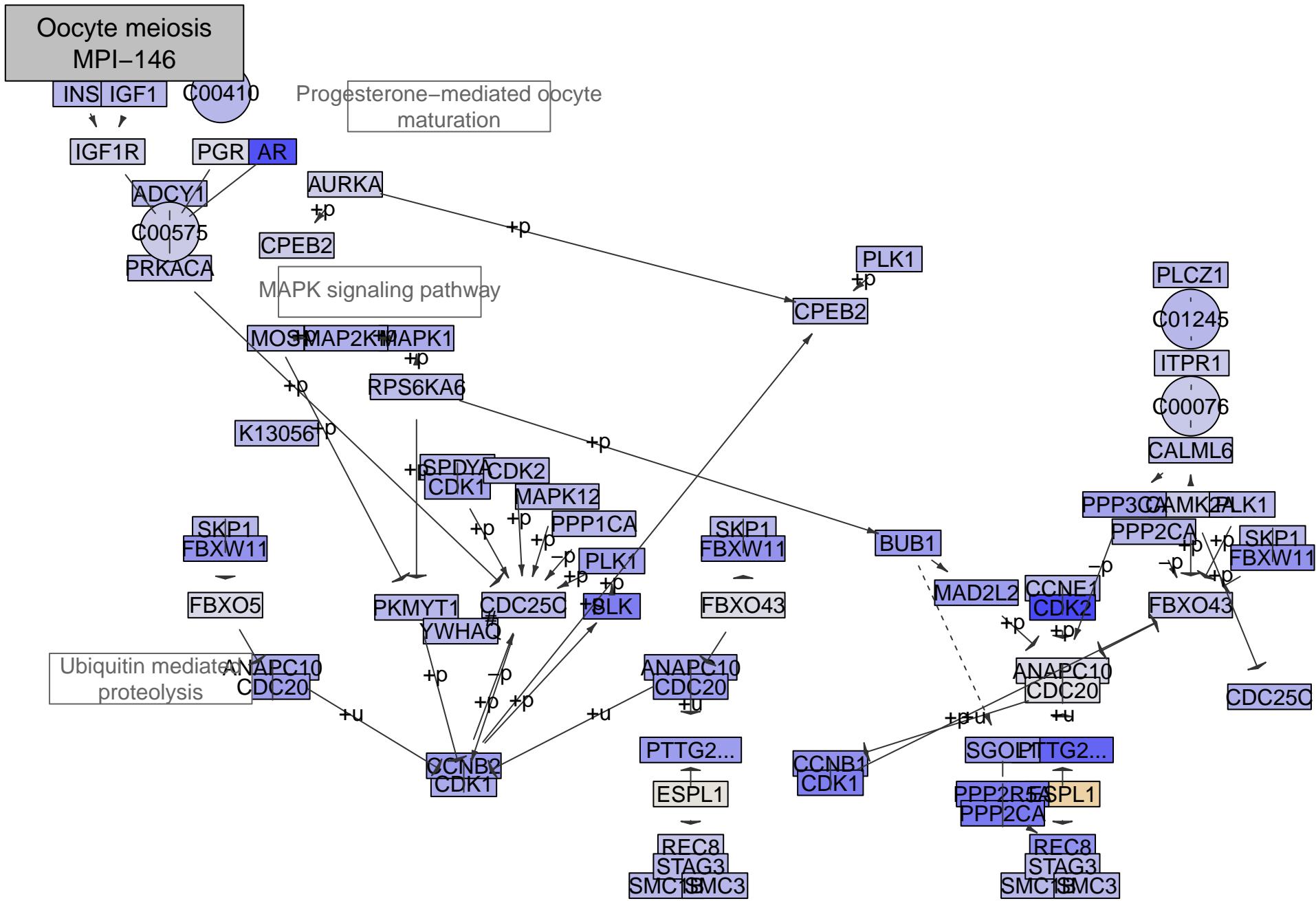


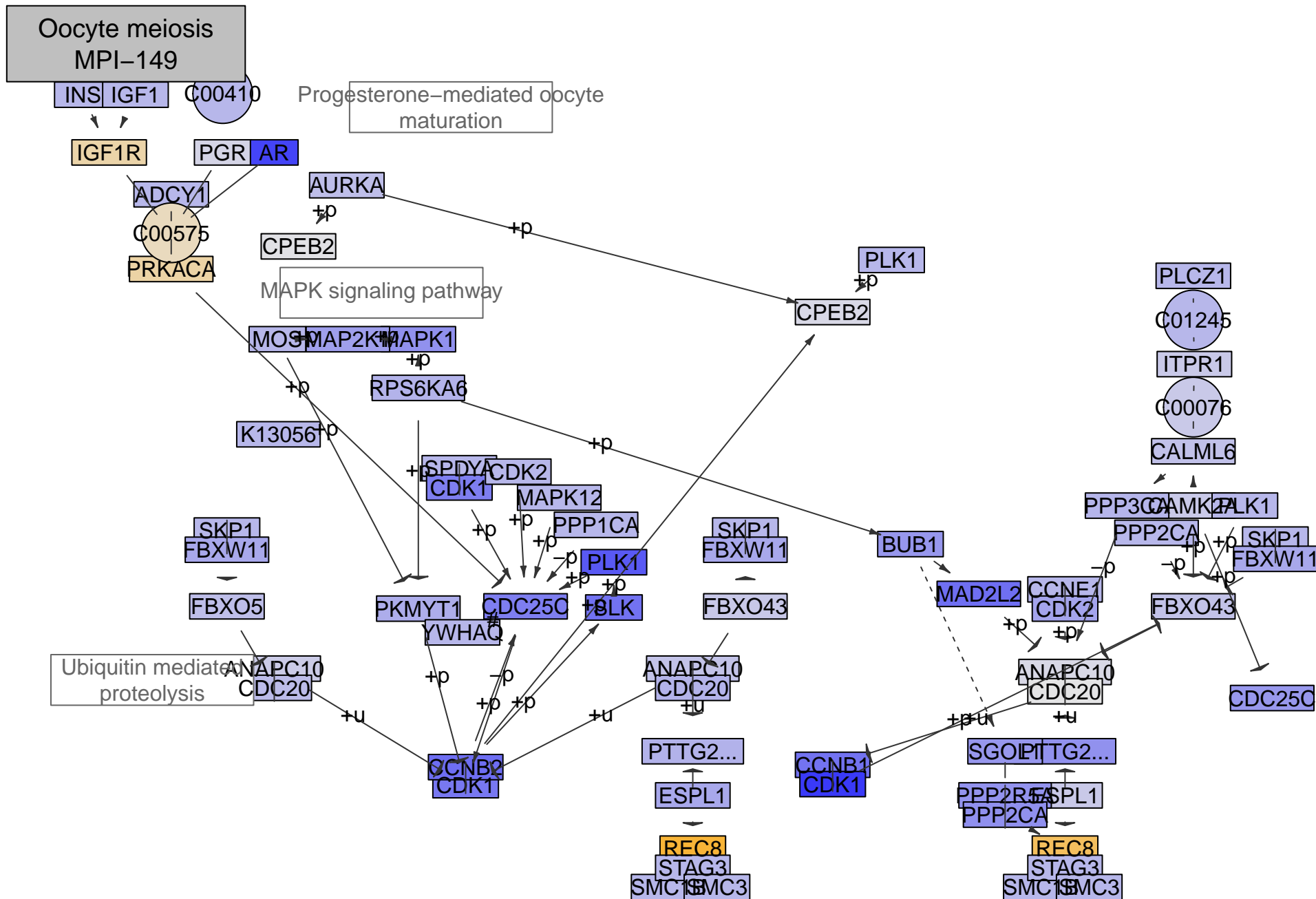


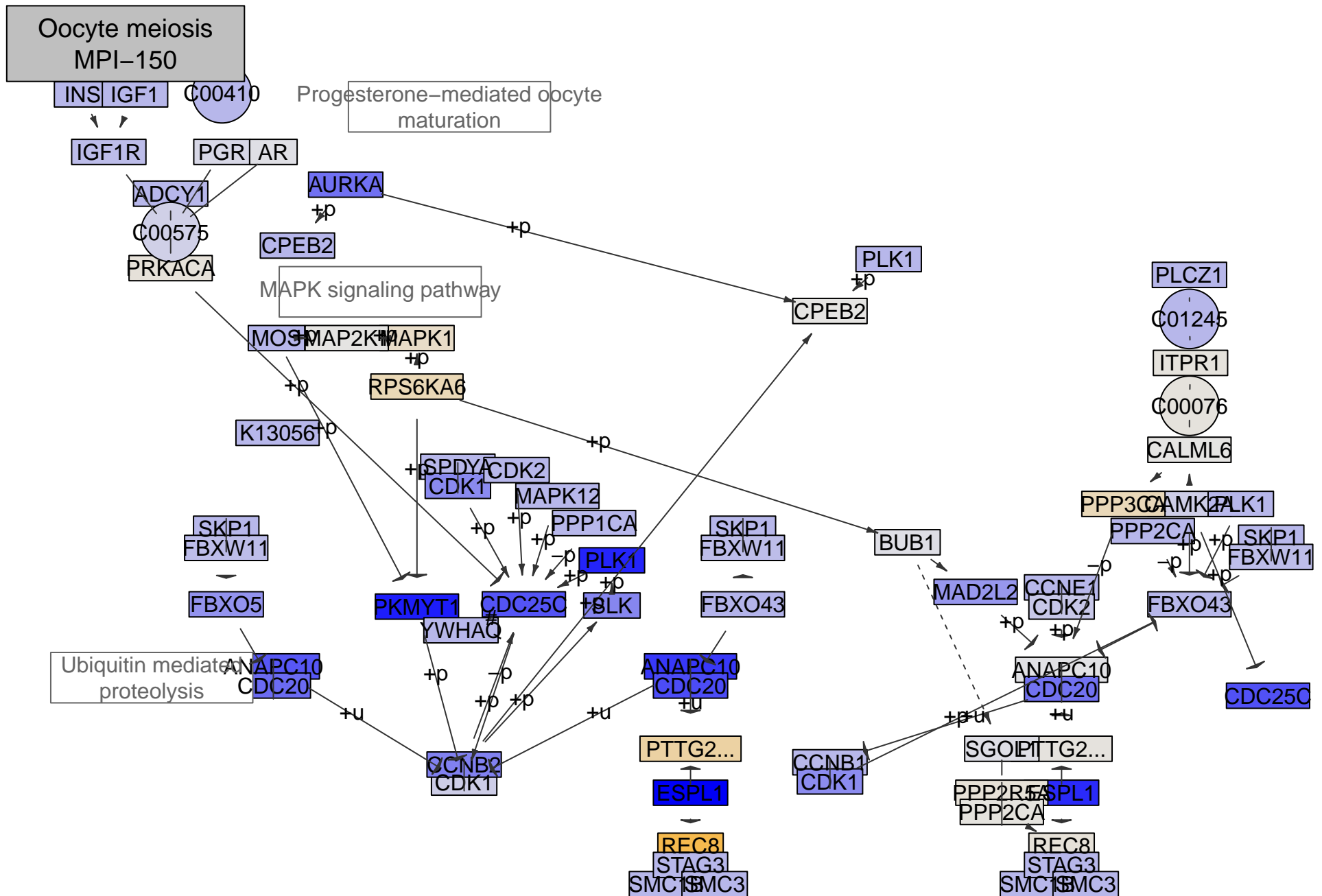


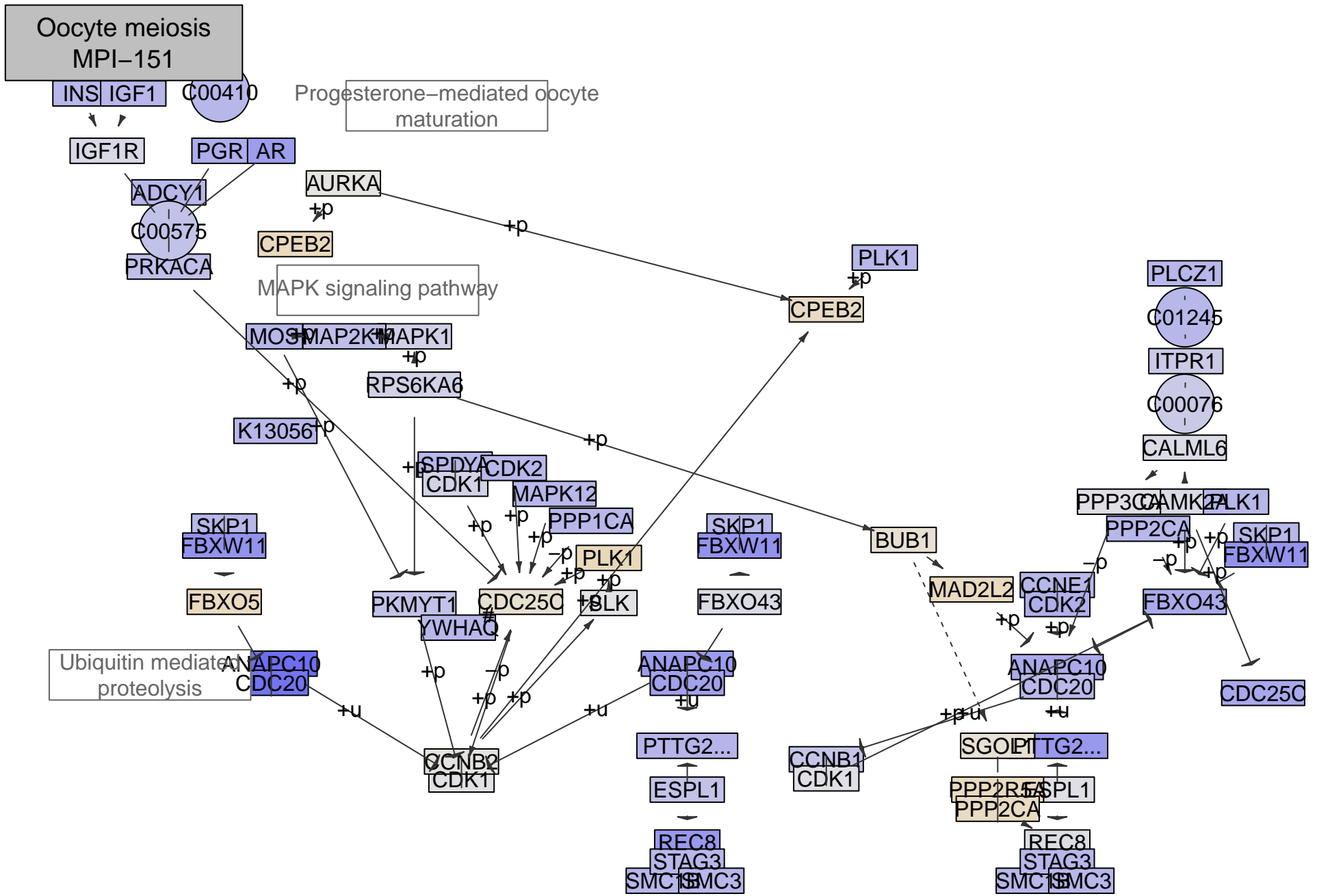




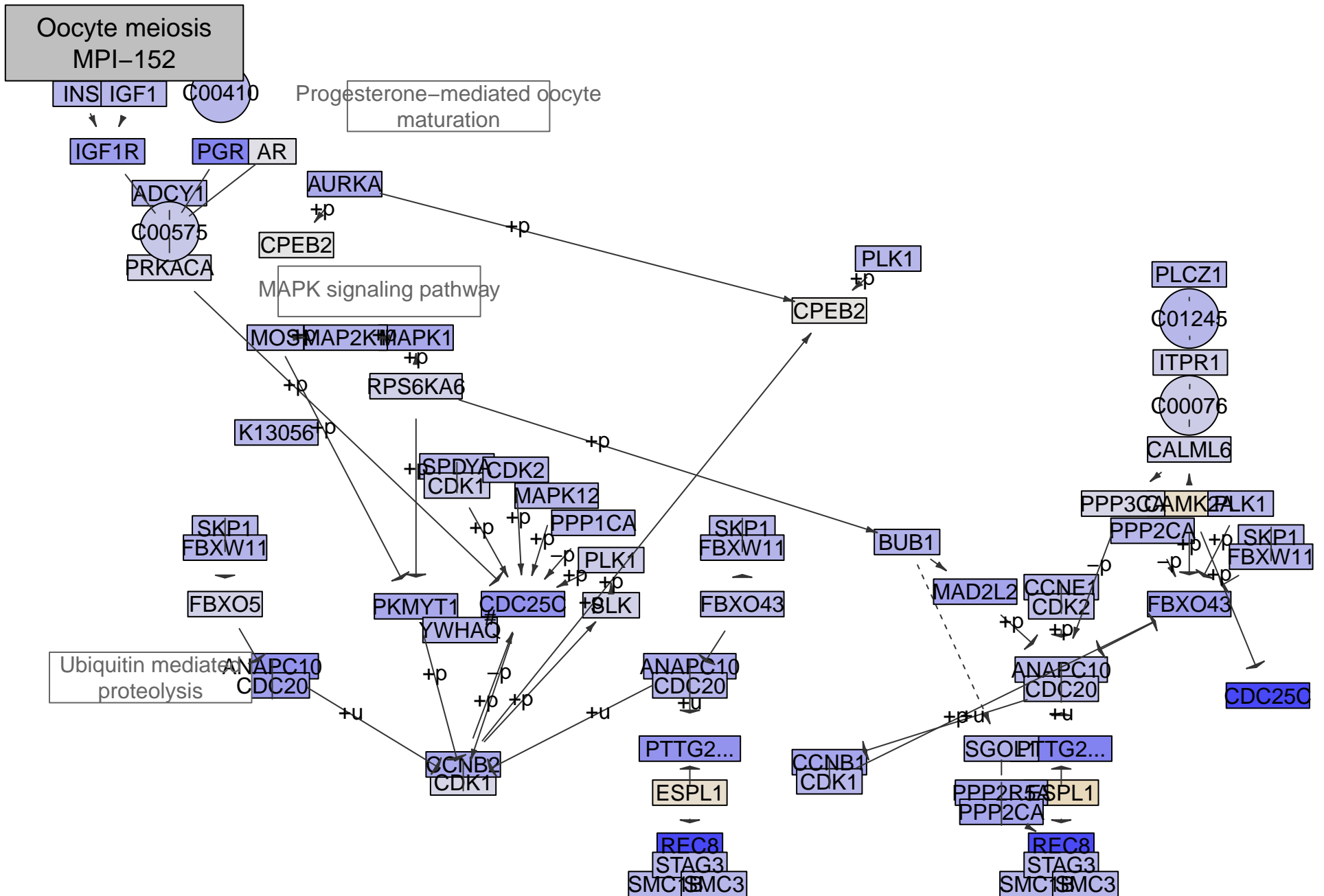


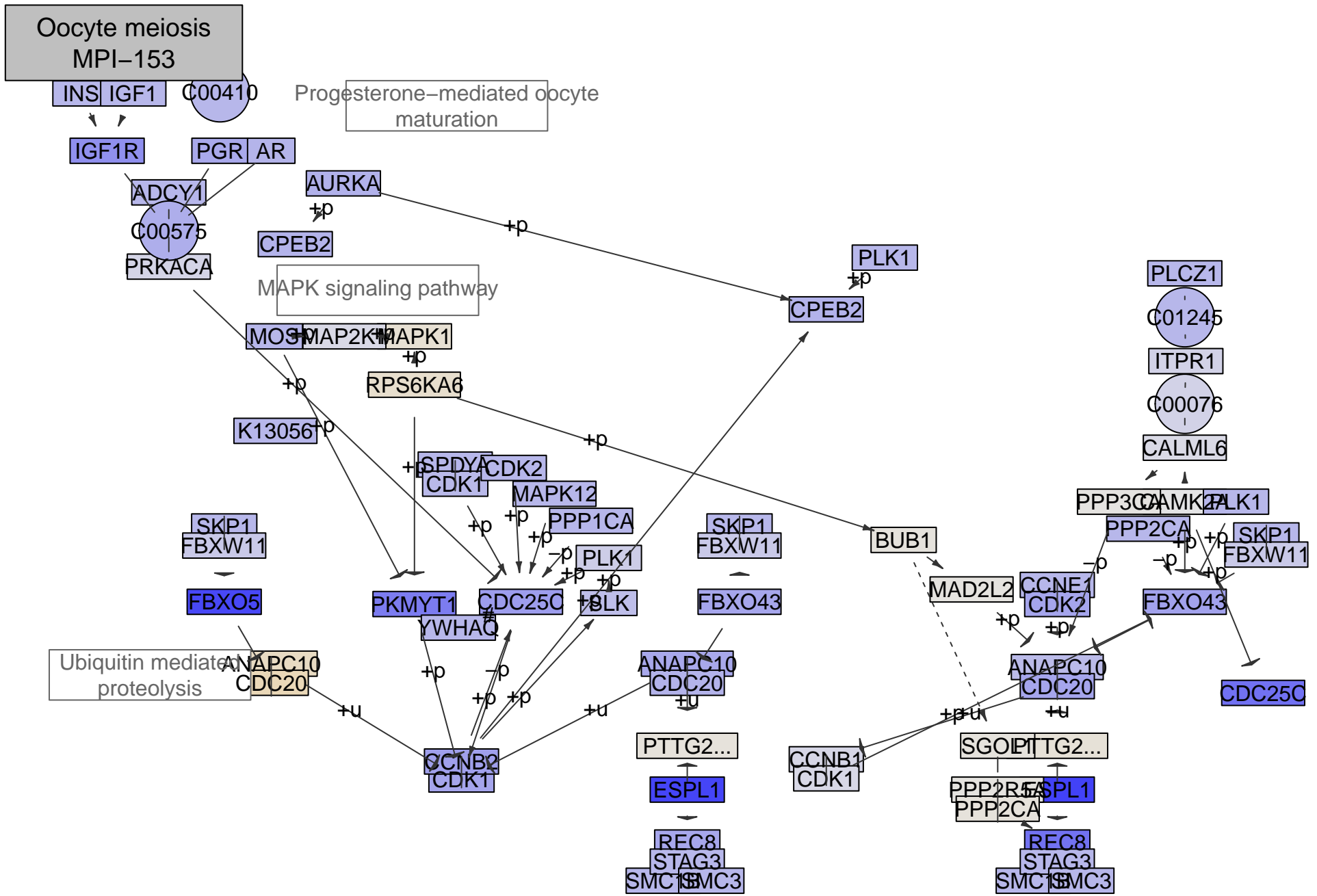


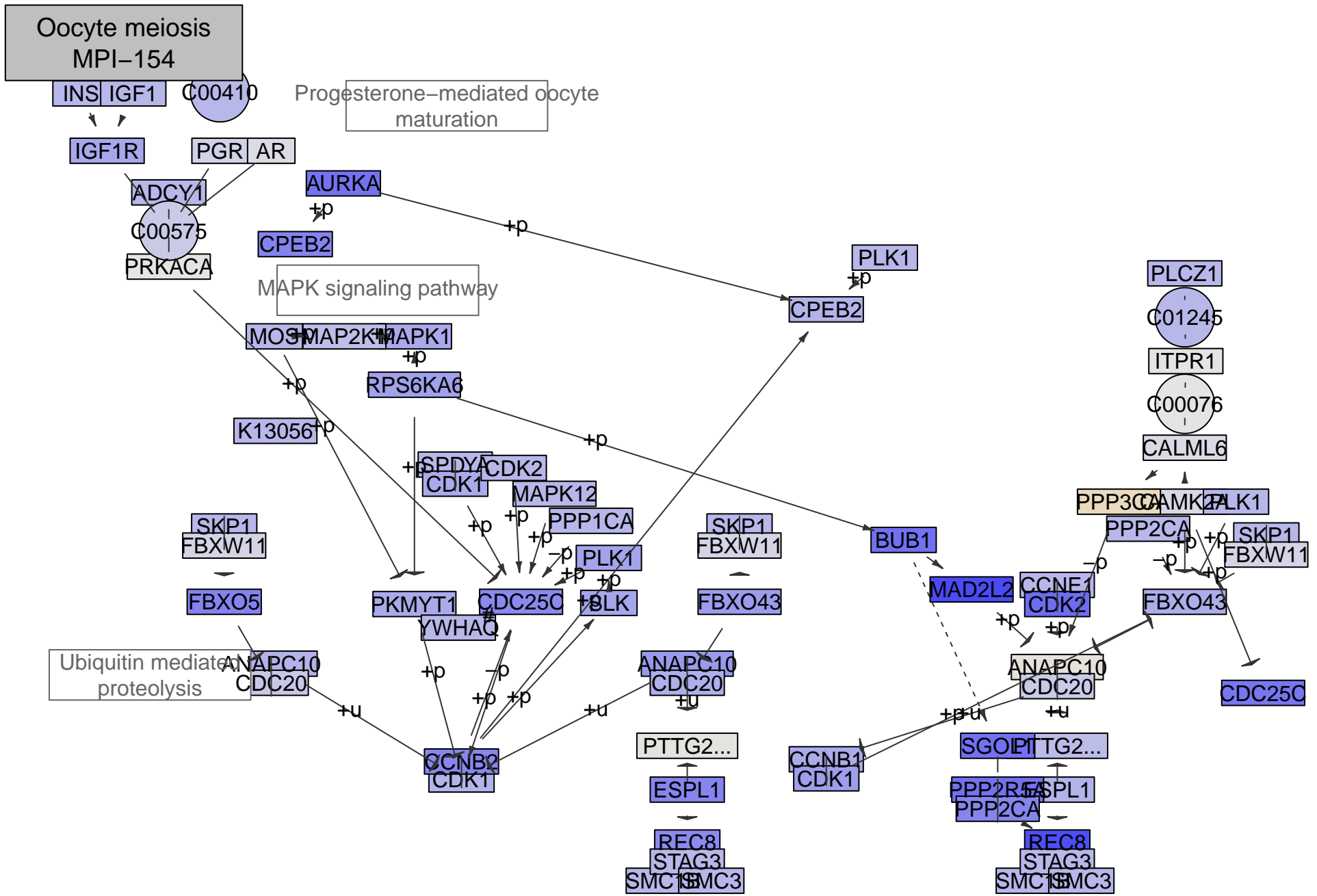


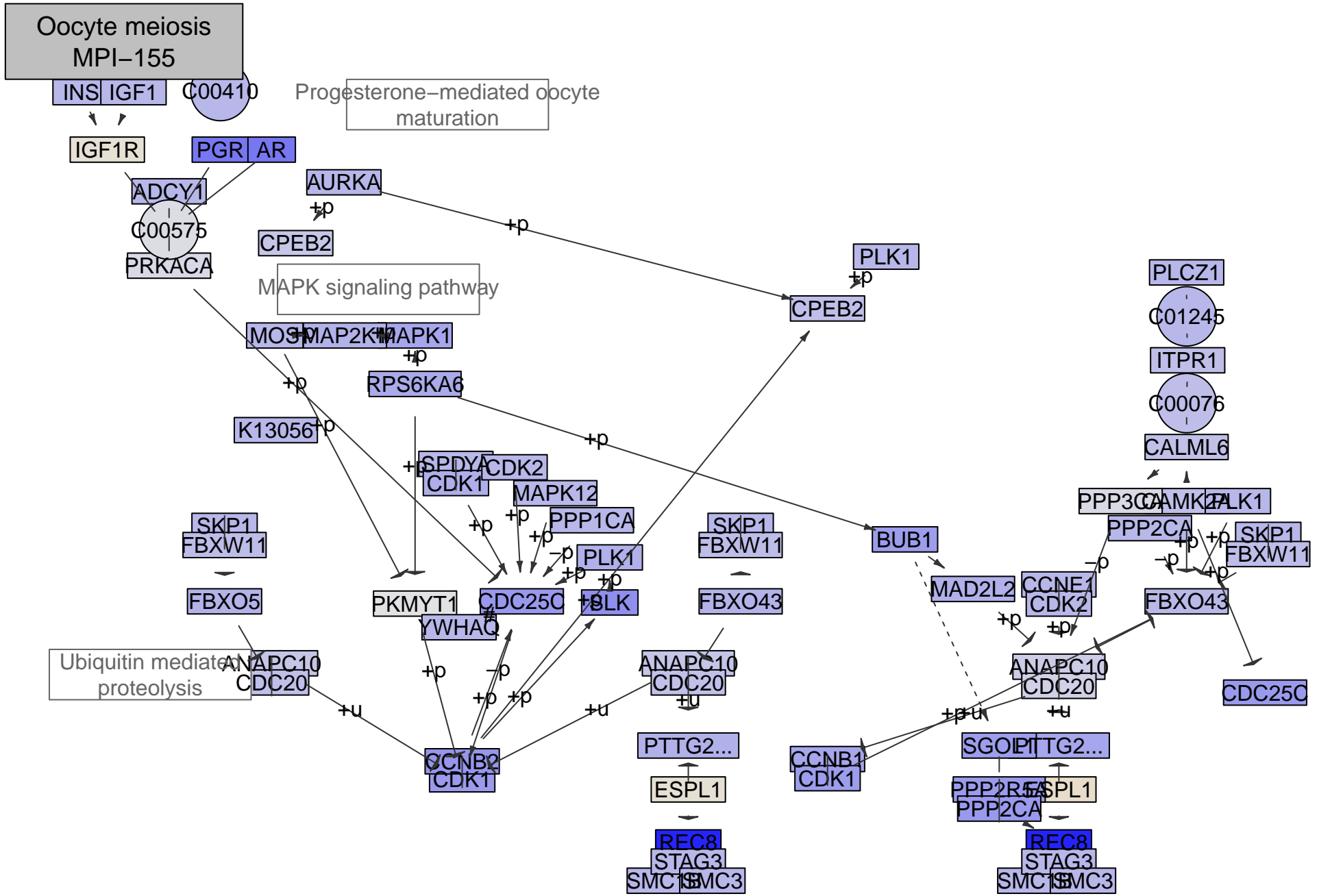


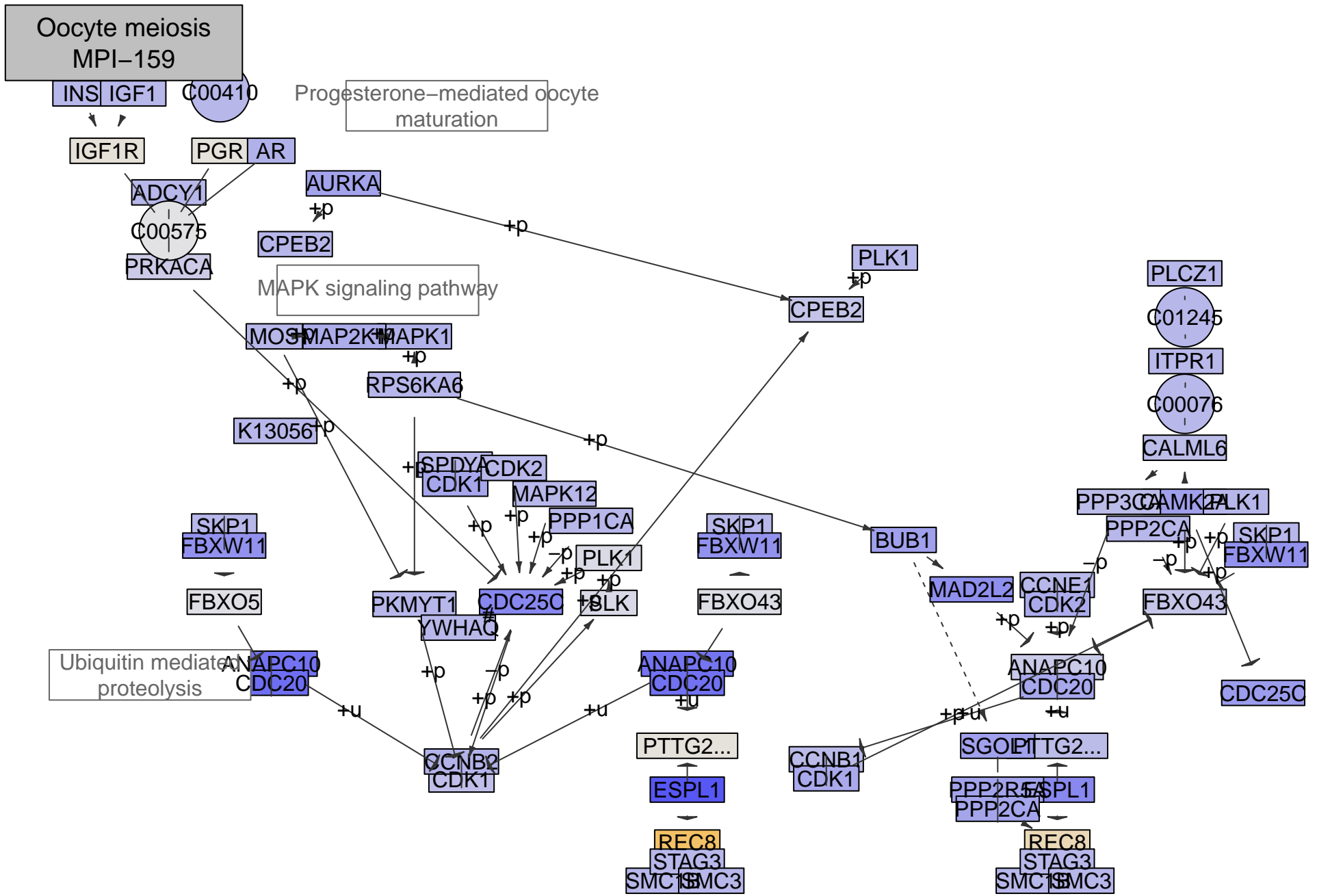










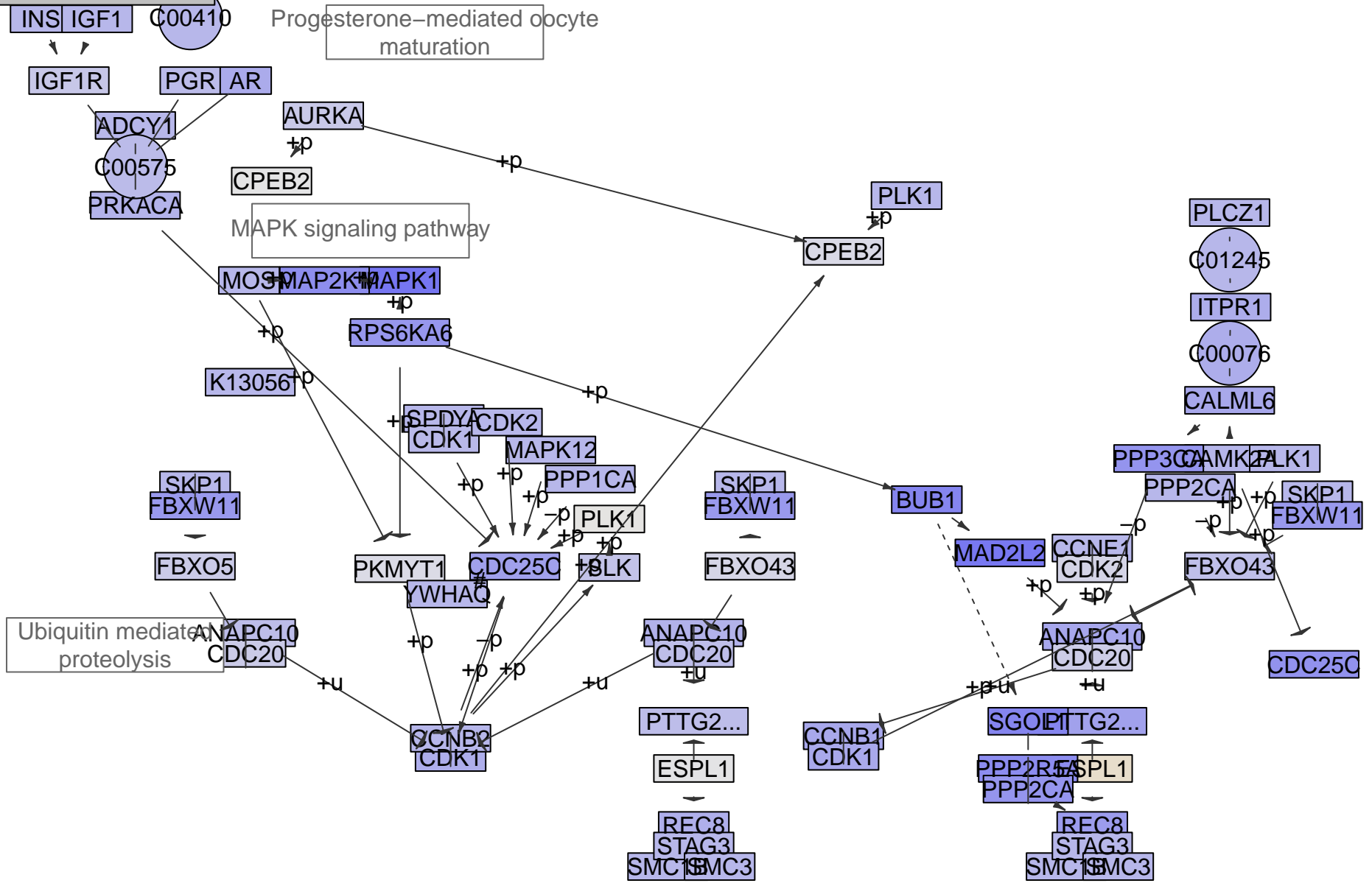


Oocyte meiosis  
MPI-163

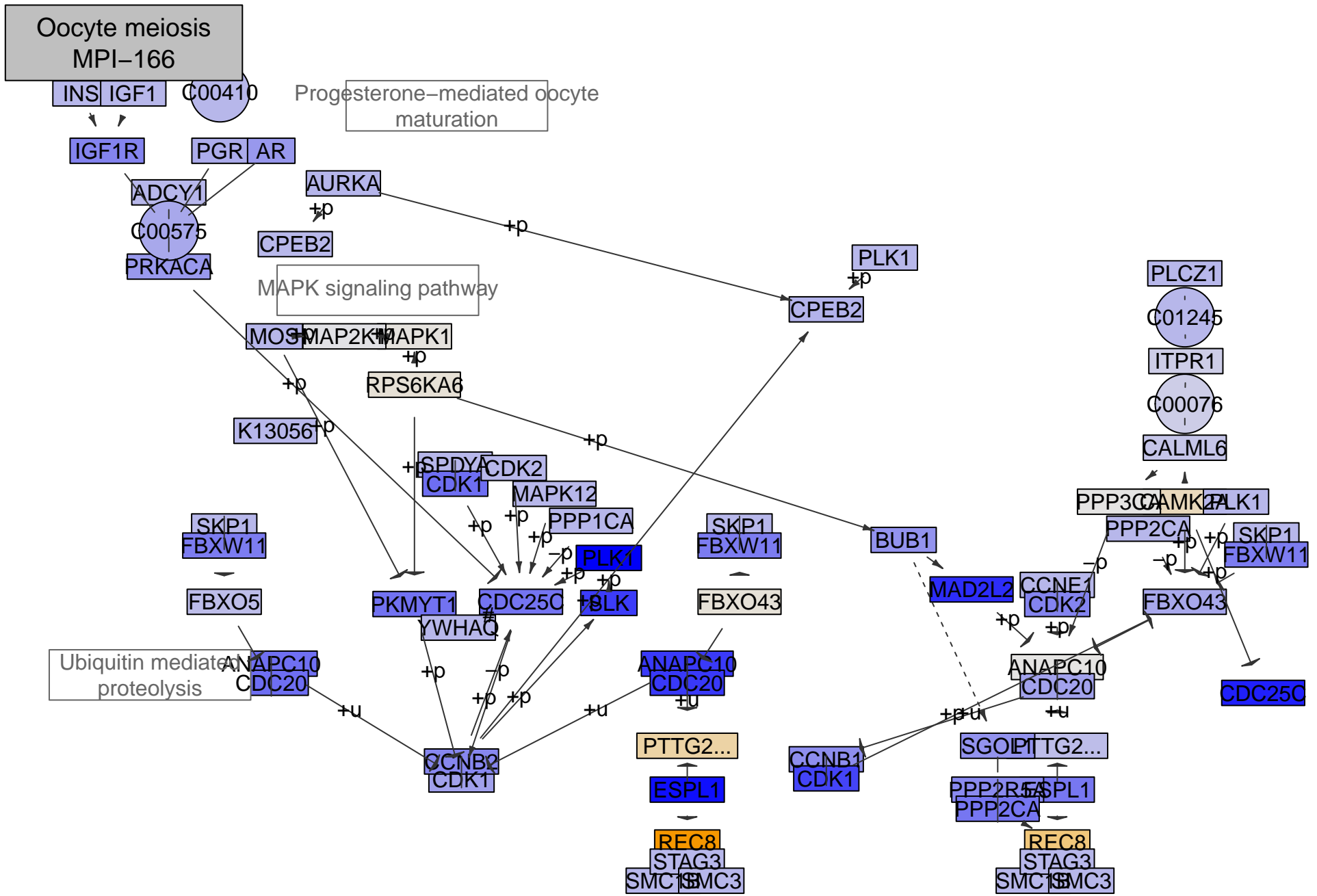
Progesterone-mediated oocyte  
maturation

MAPK signaling pathway

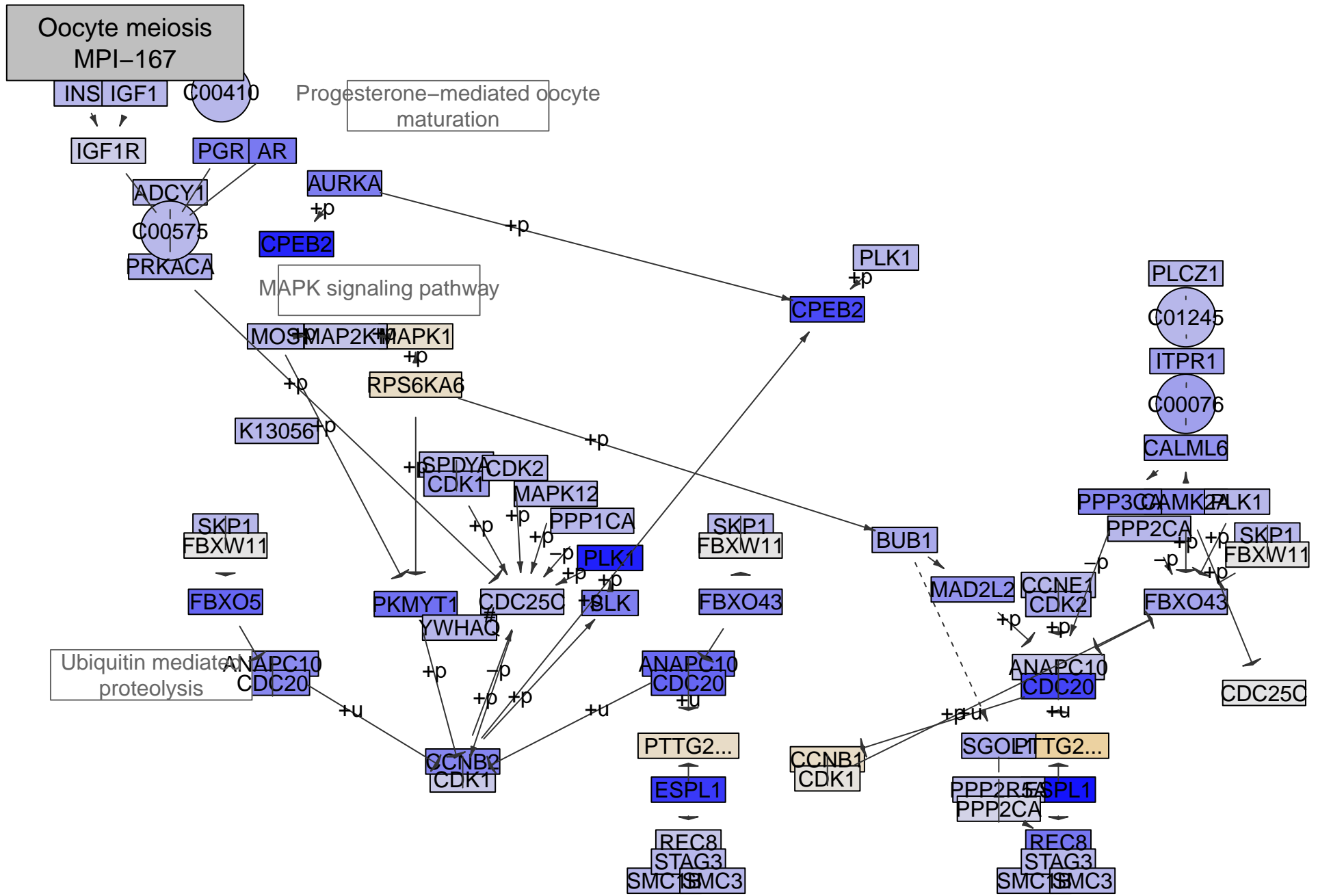
Ubiquitin mediated  
proteolysis

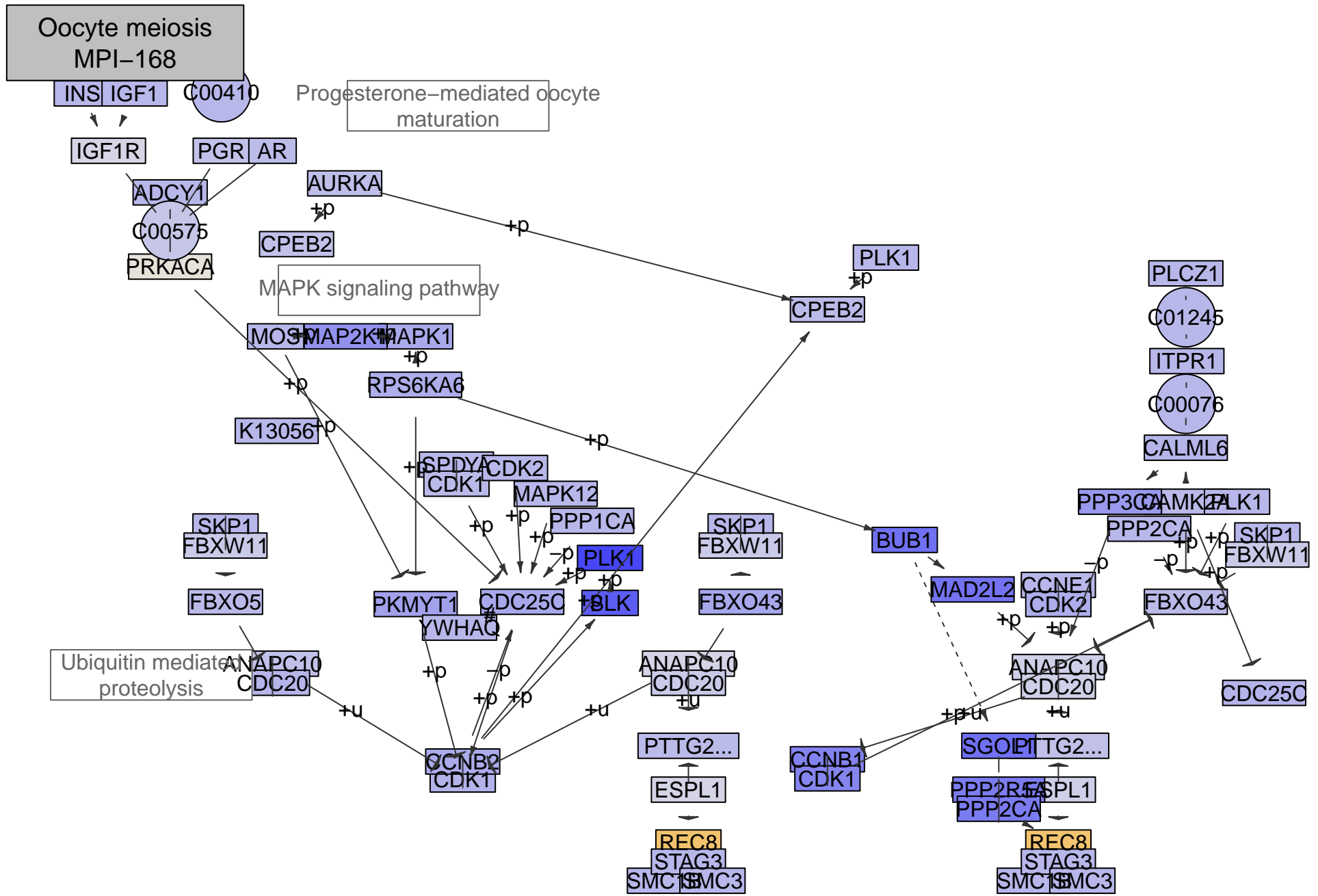




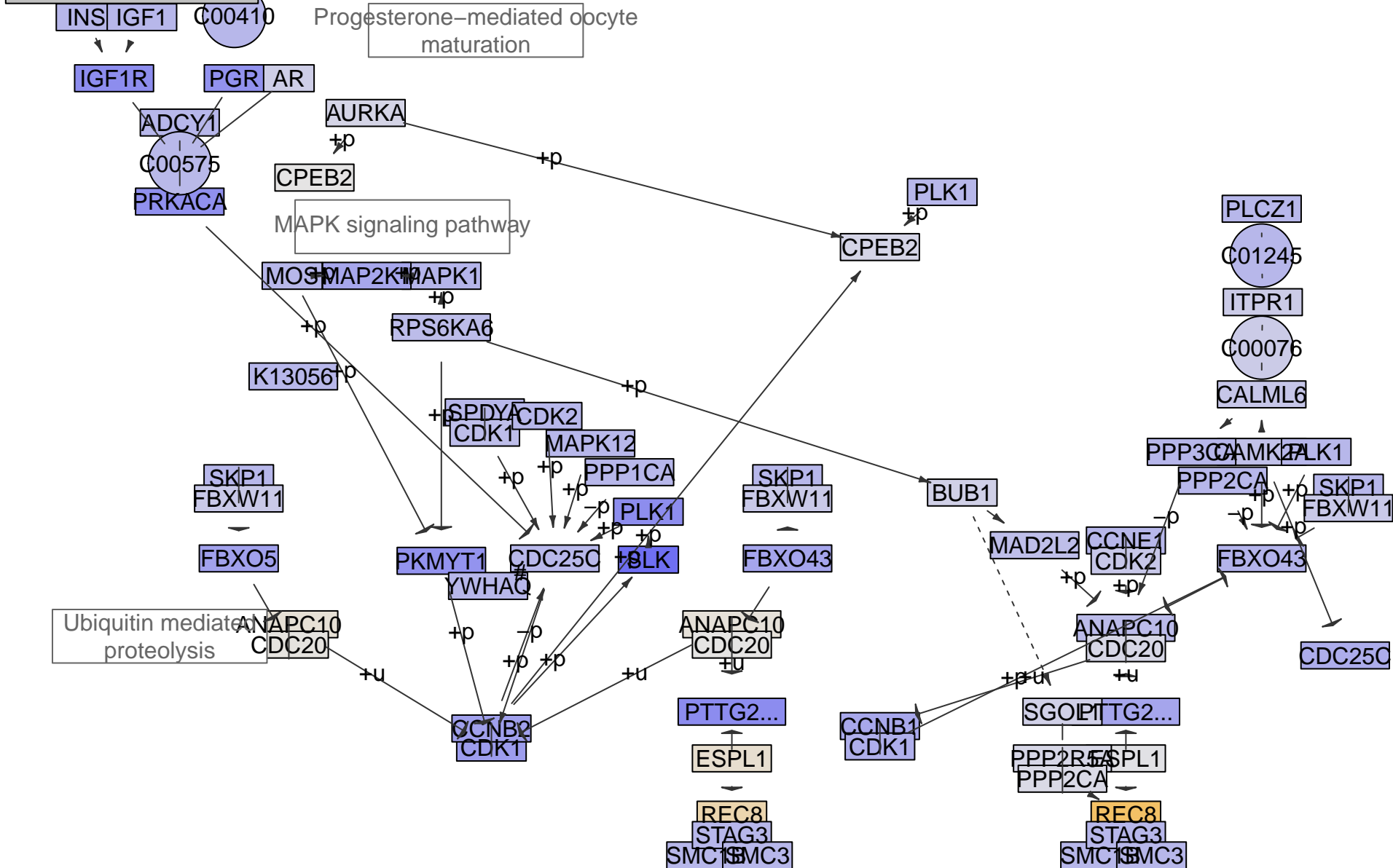


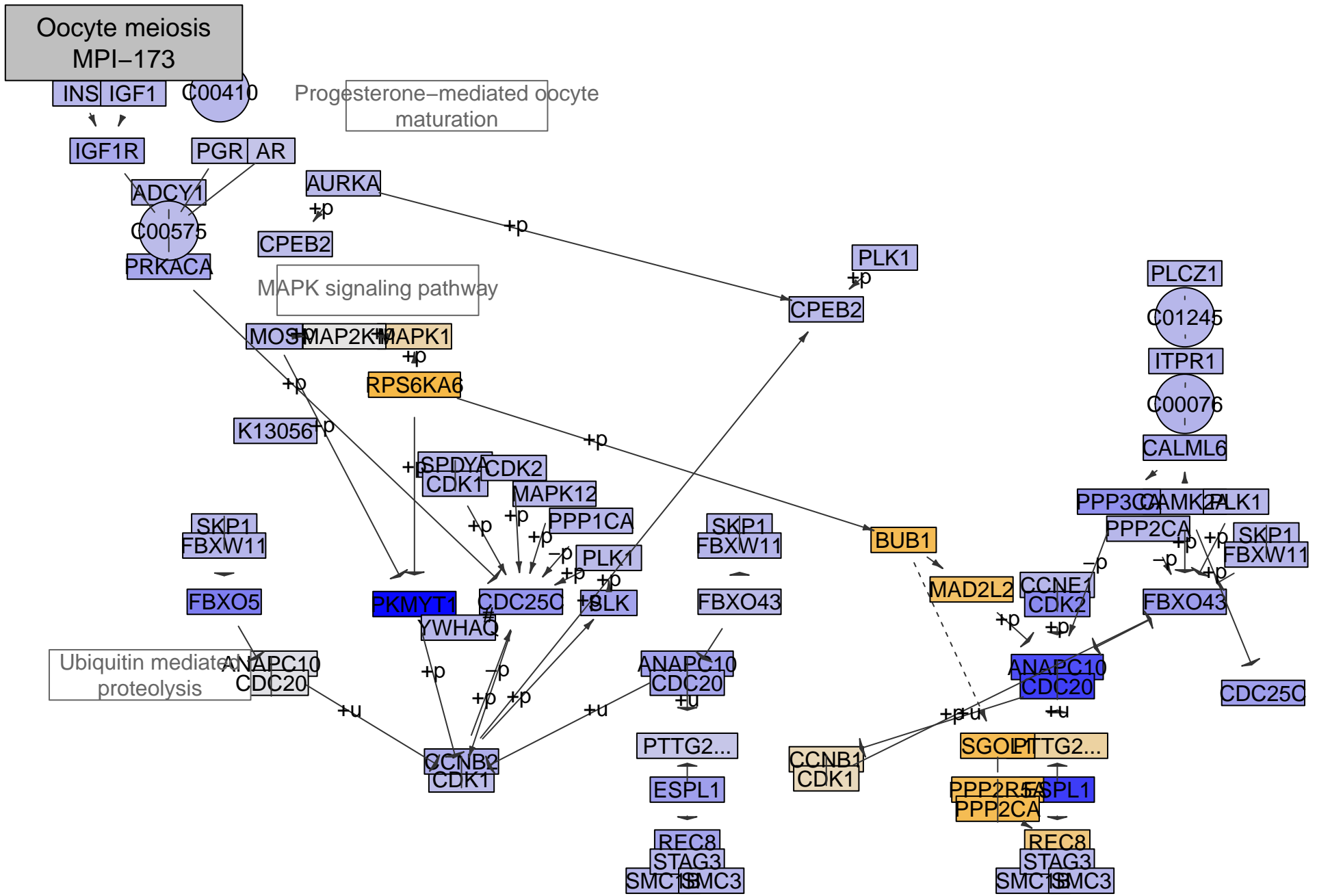


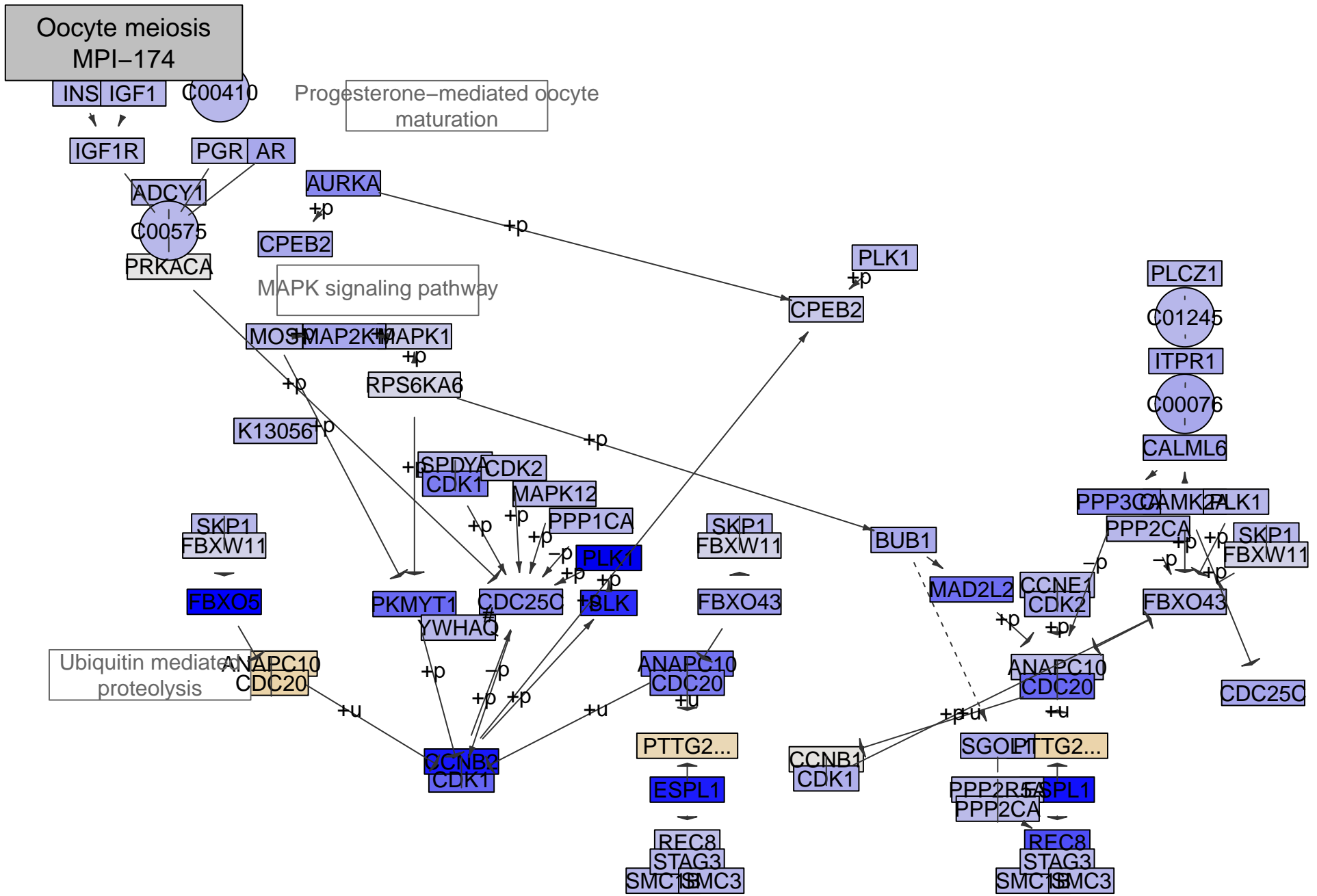


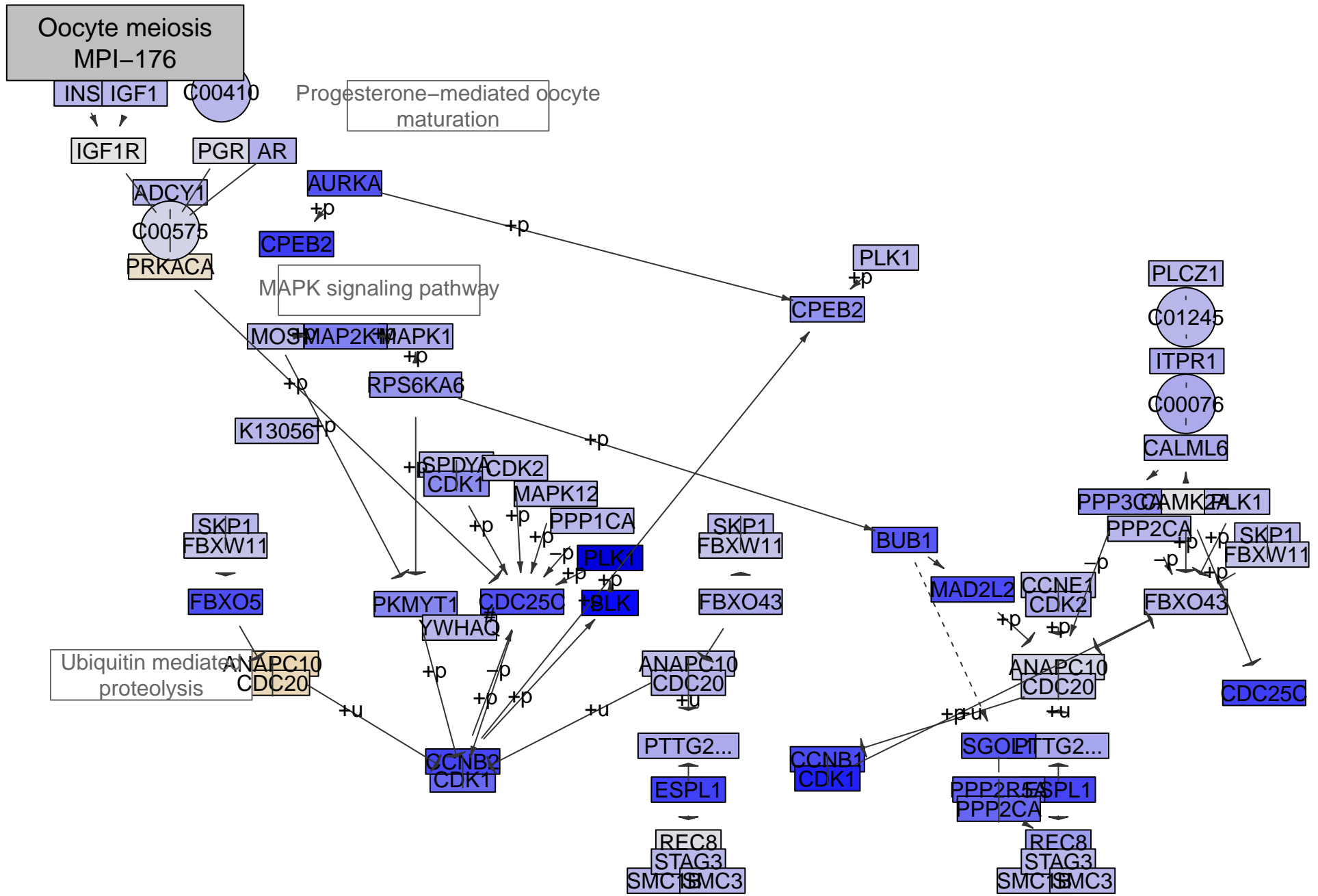


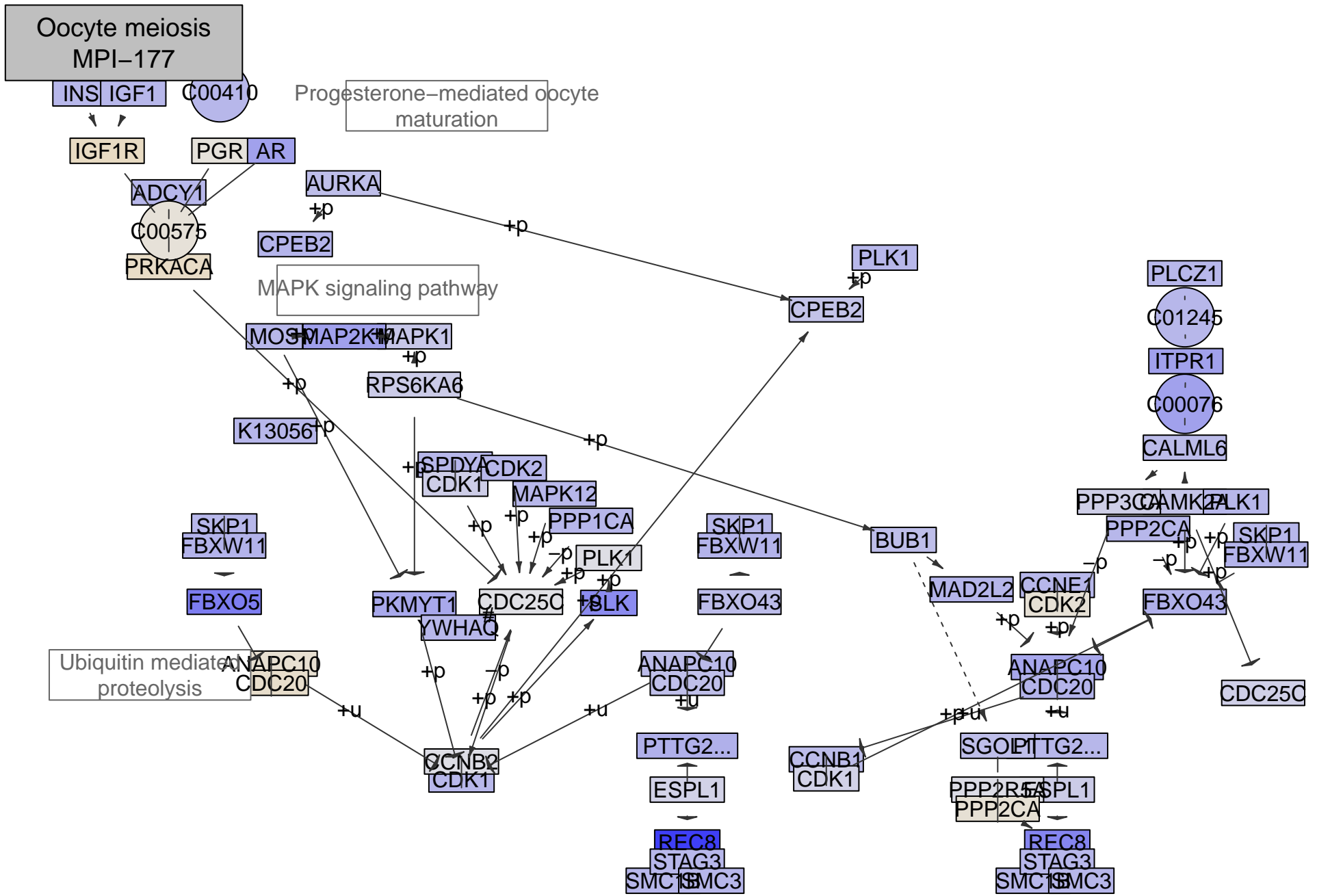
# Oocyte meiosis MPI-170









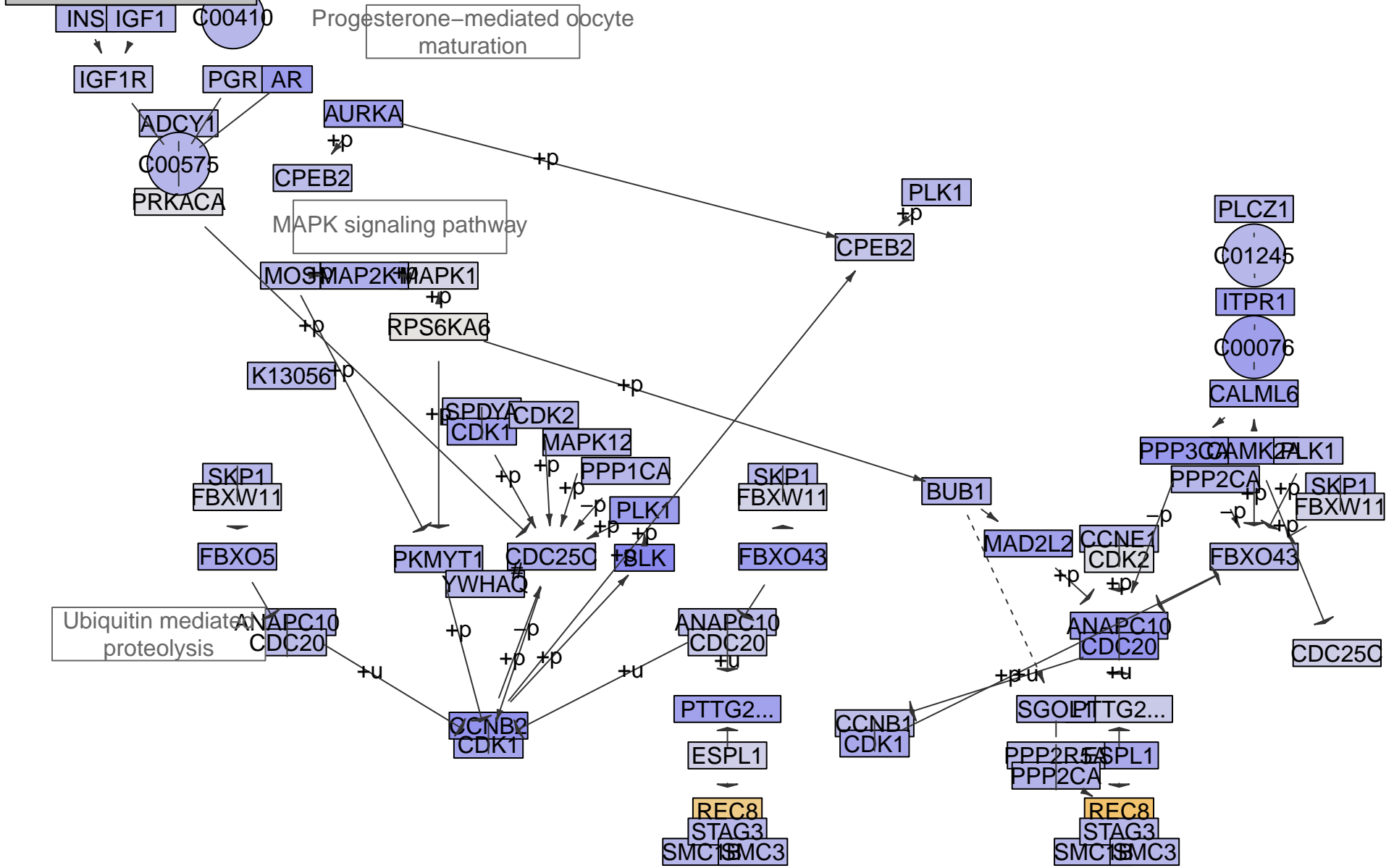


Oocyte meiosis  
MPI-178

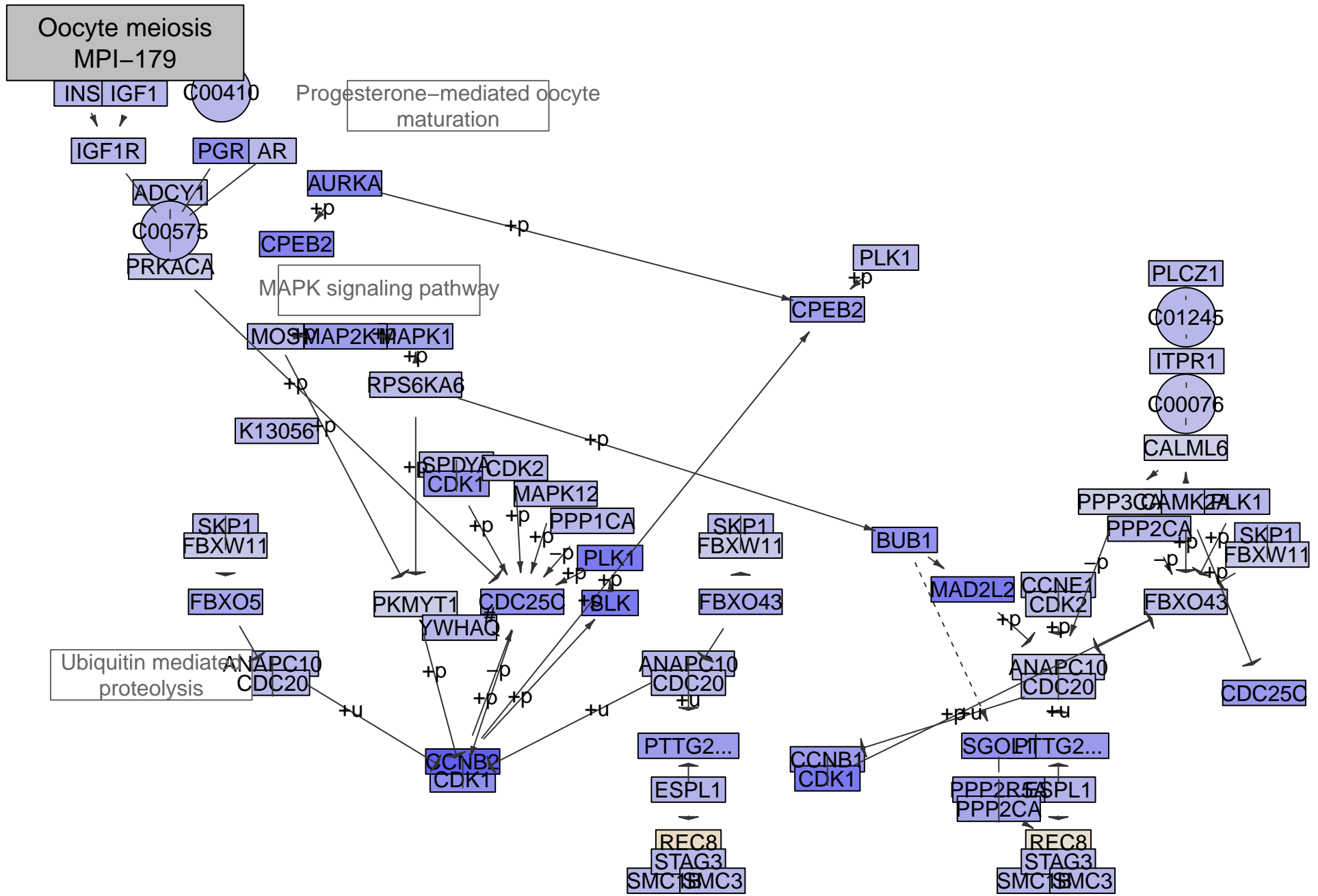
Progesterone-mediated oocyte maturation

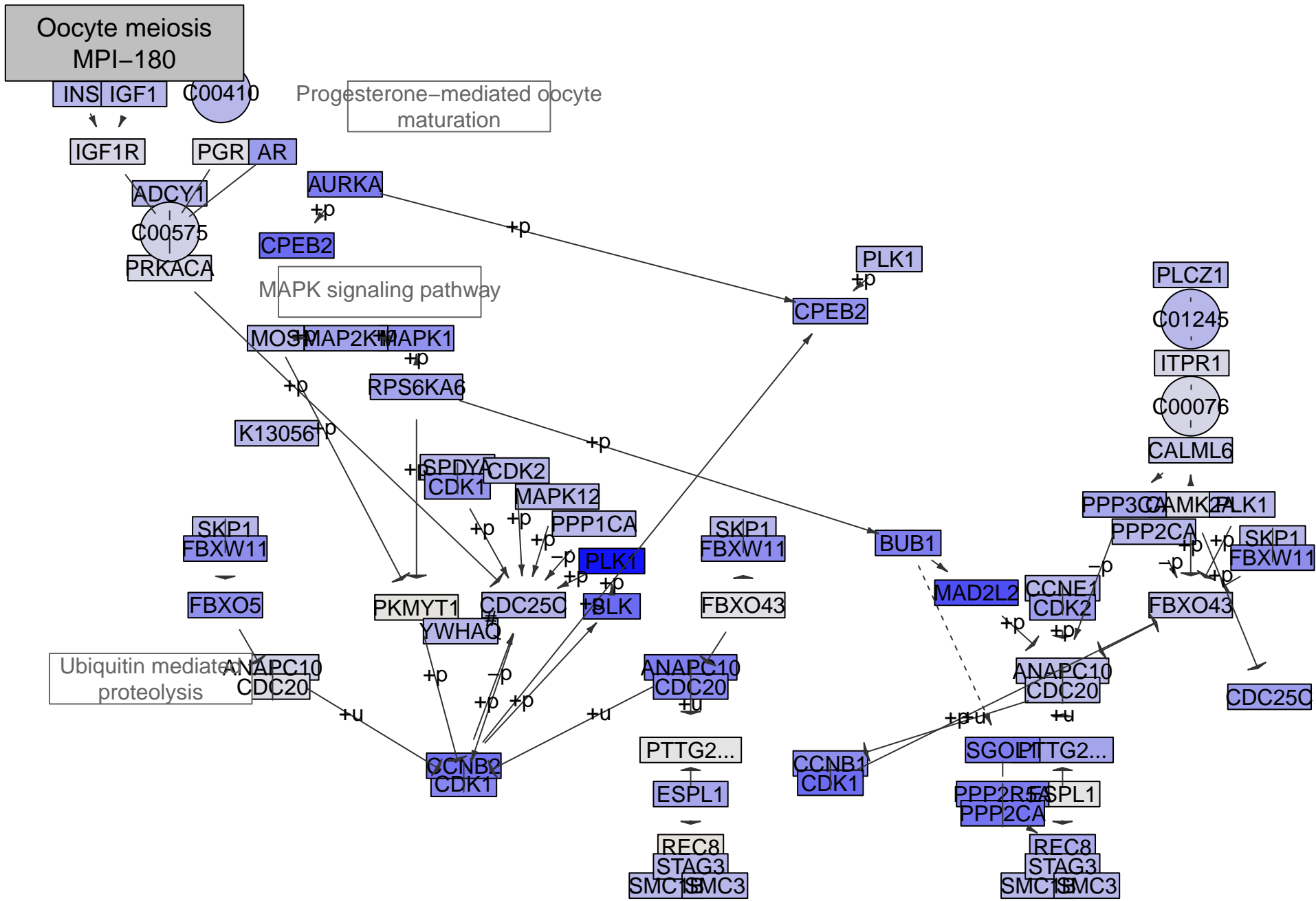
MAPK signaling pathway

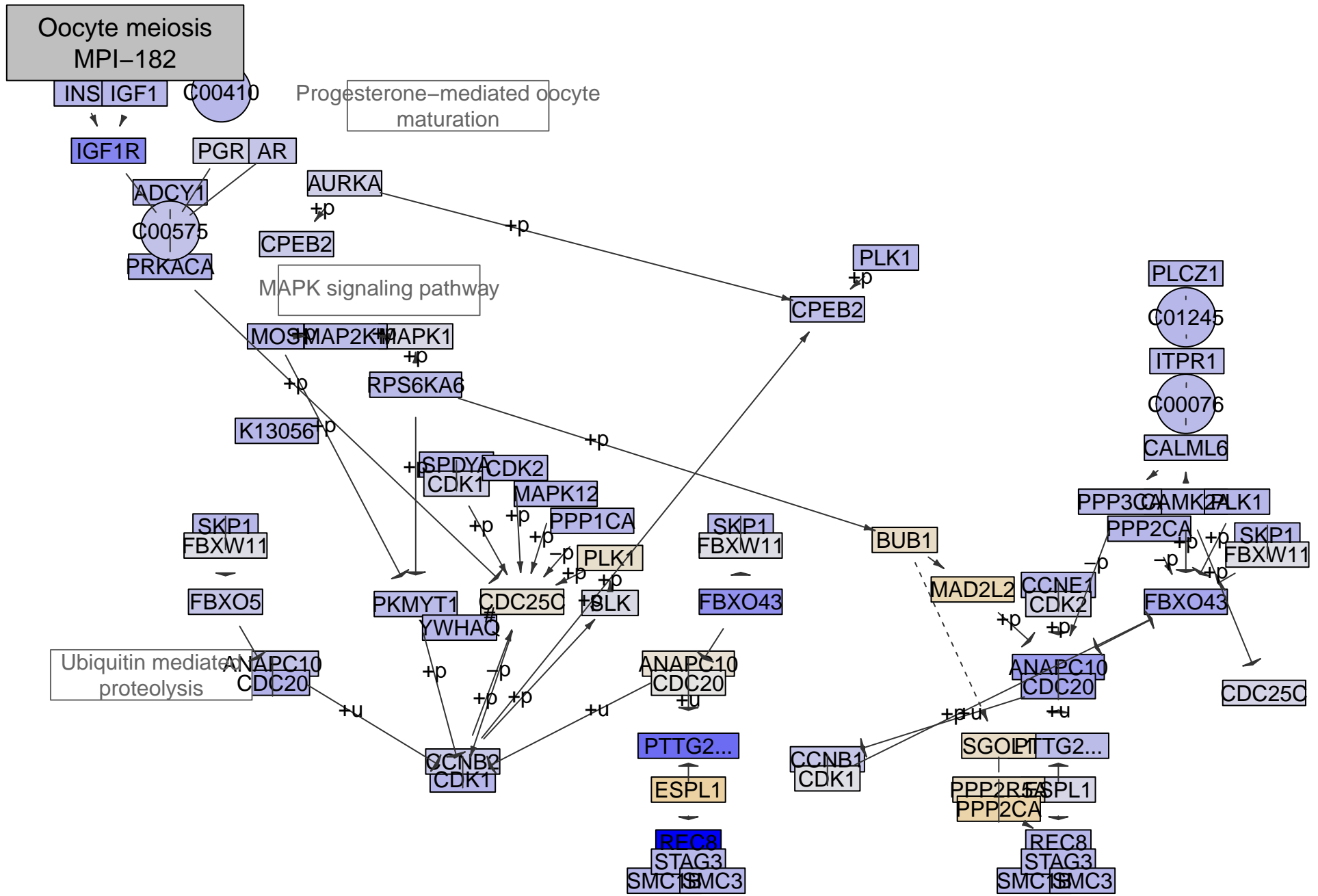
Ubiquitin mediated proteolysis

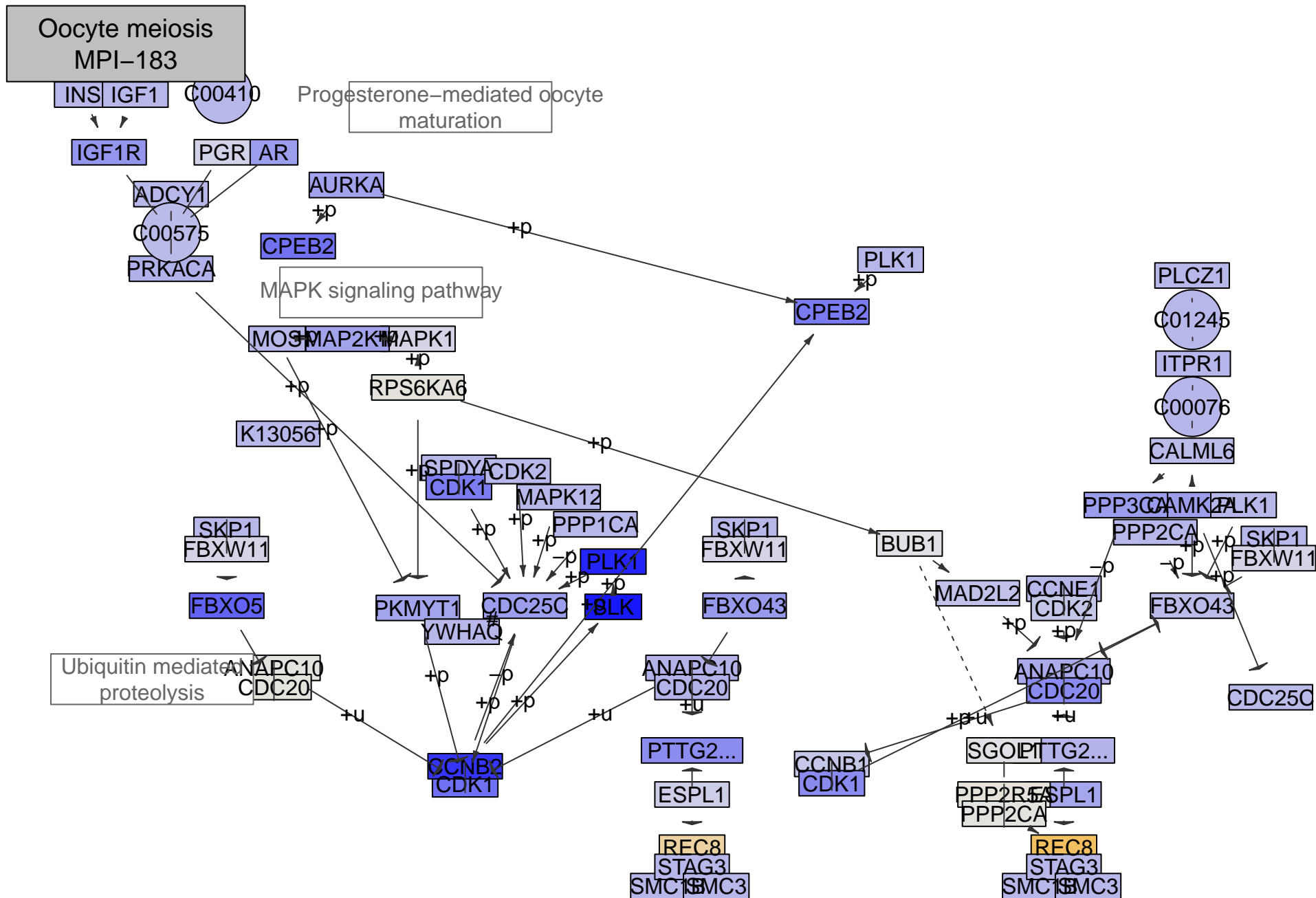


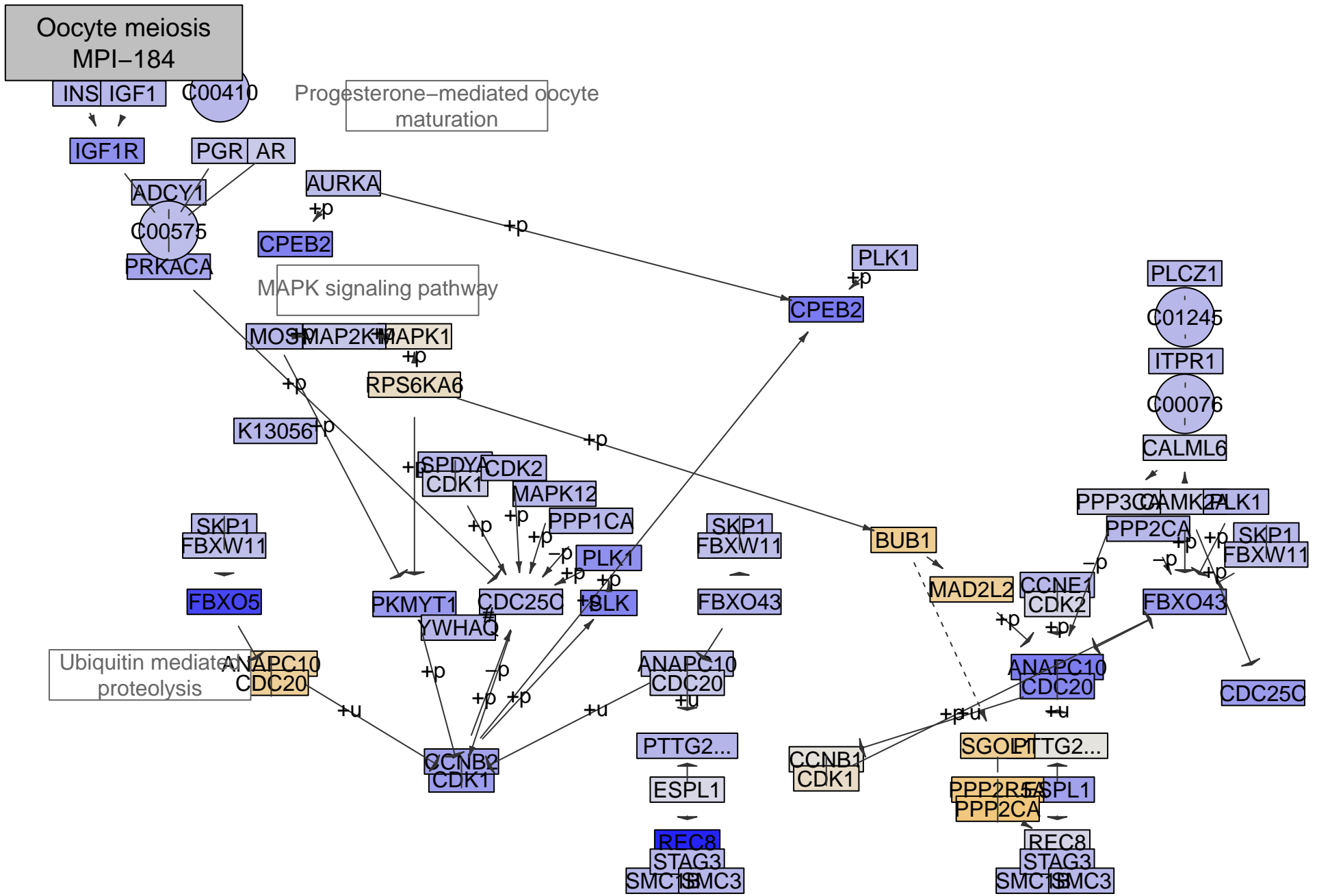


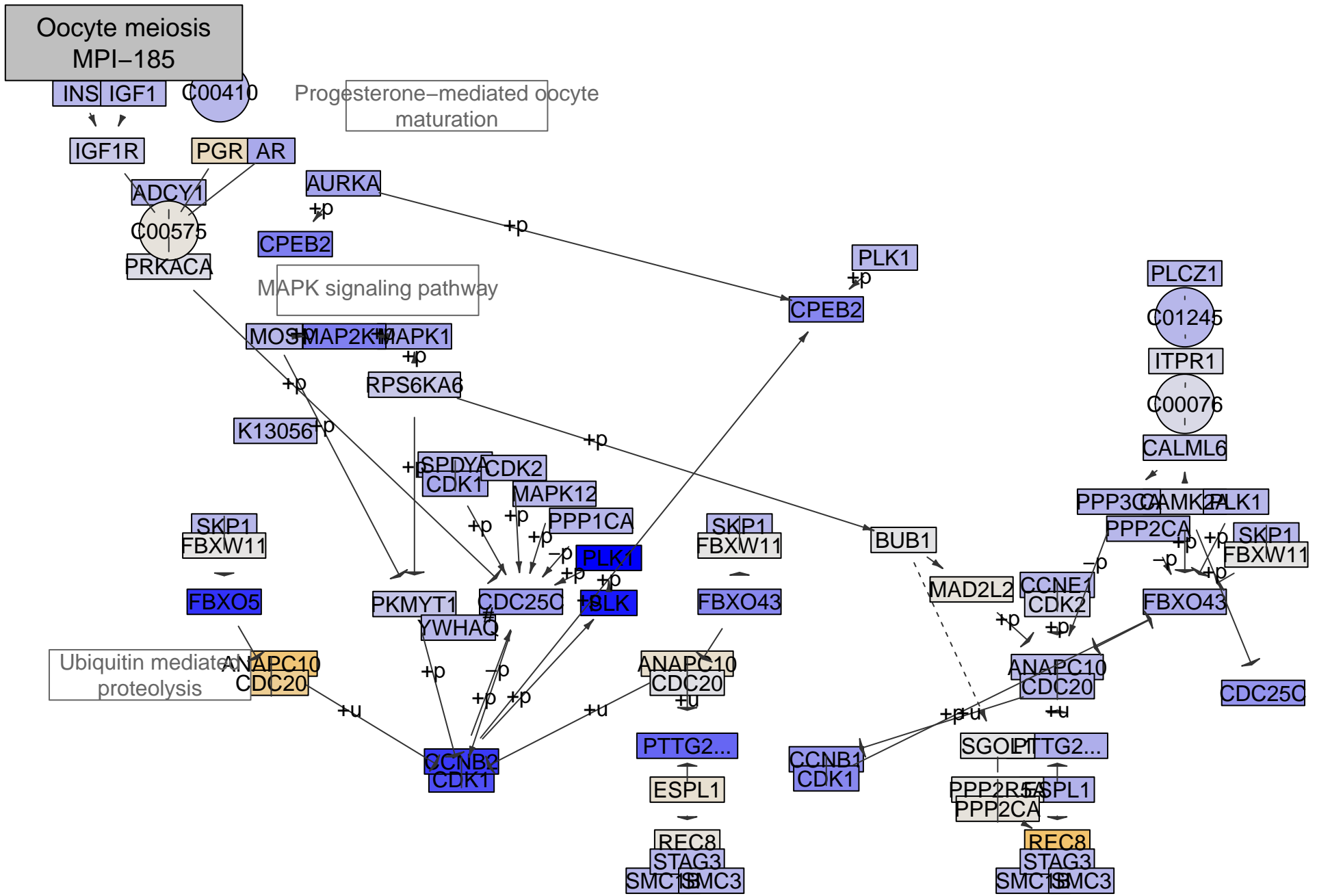


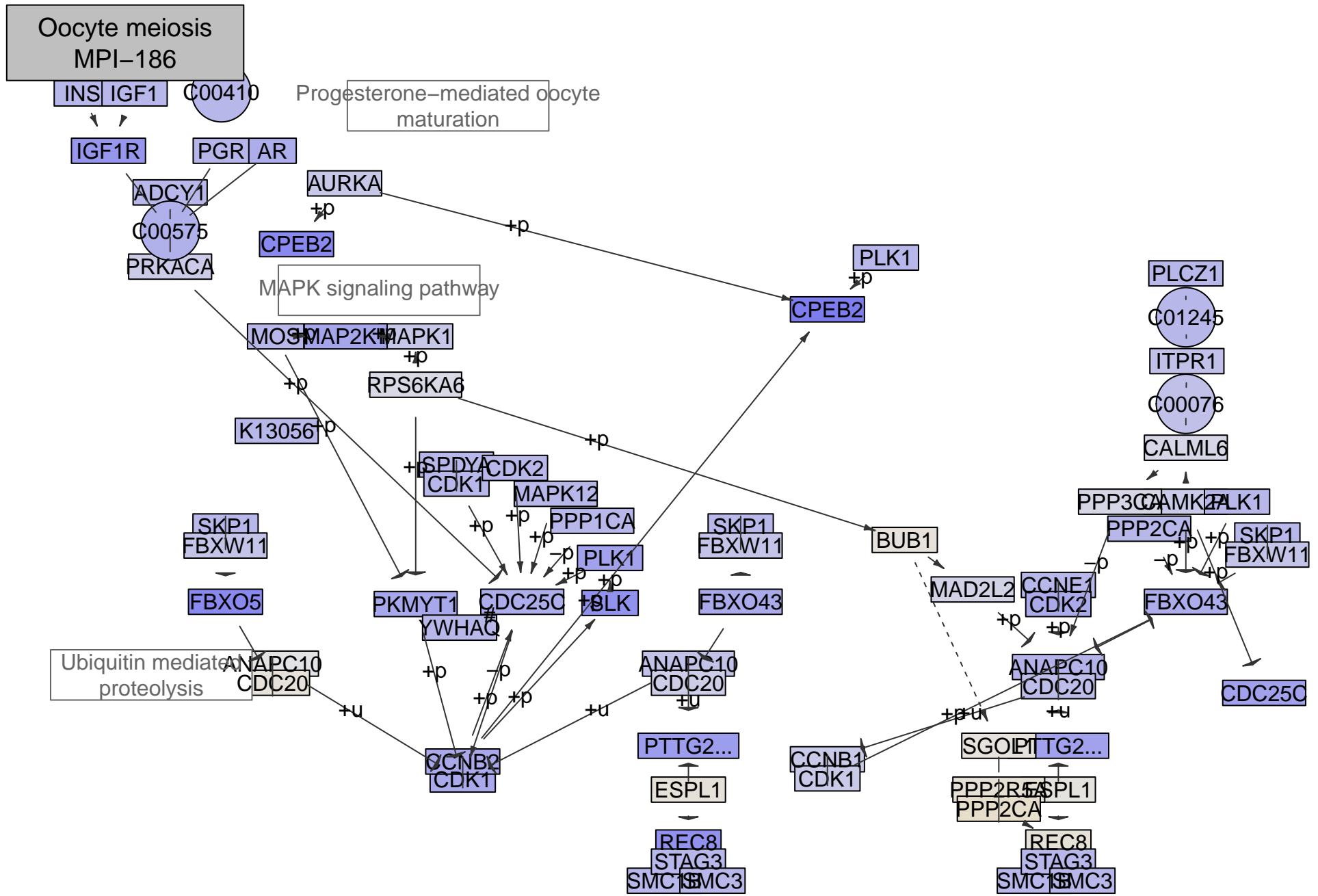


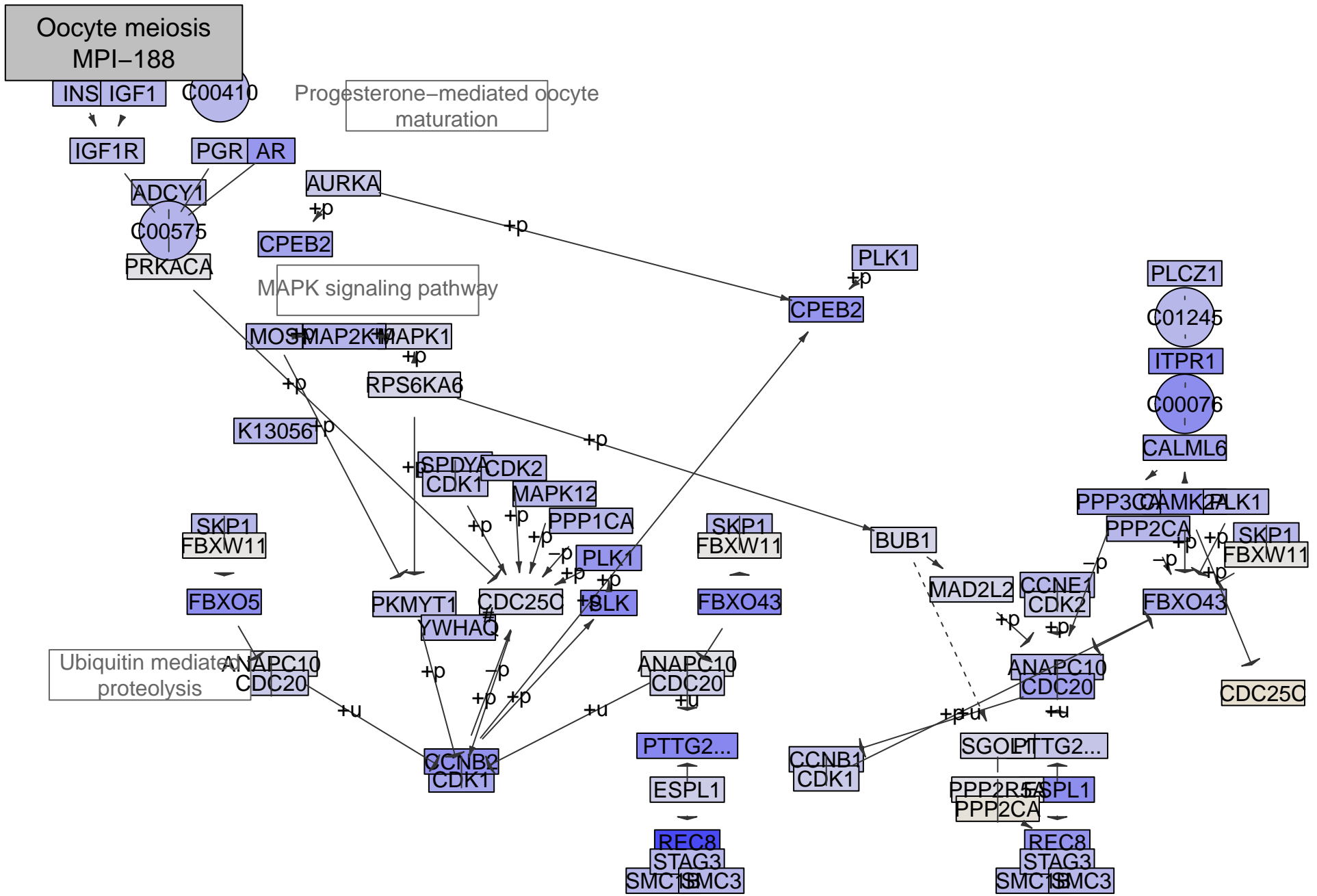




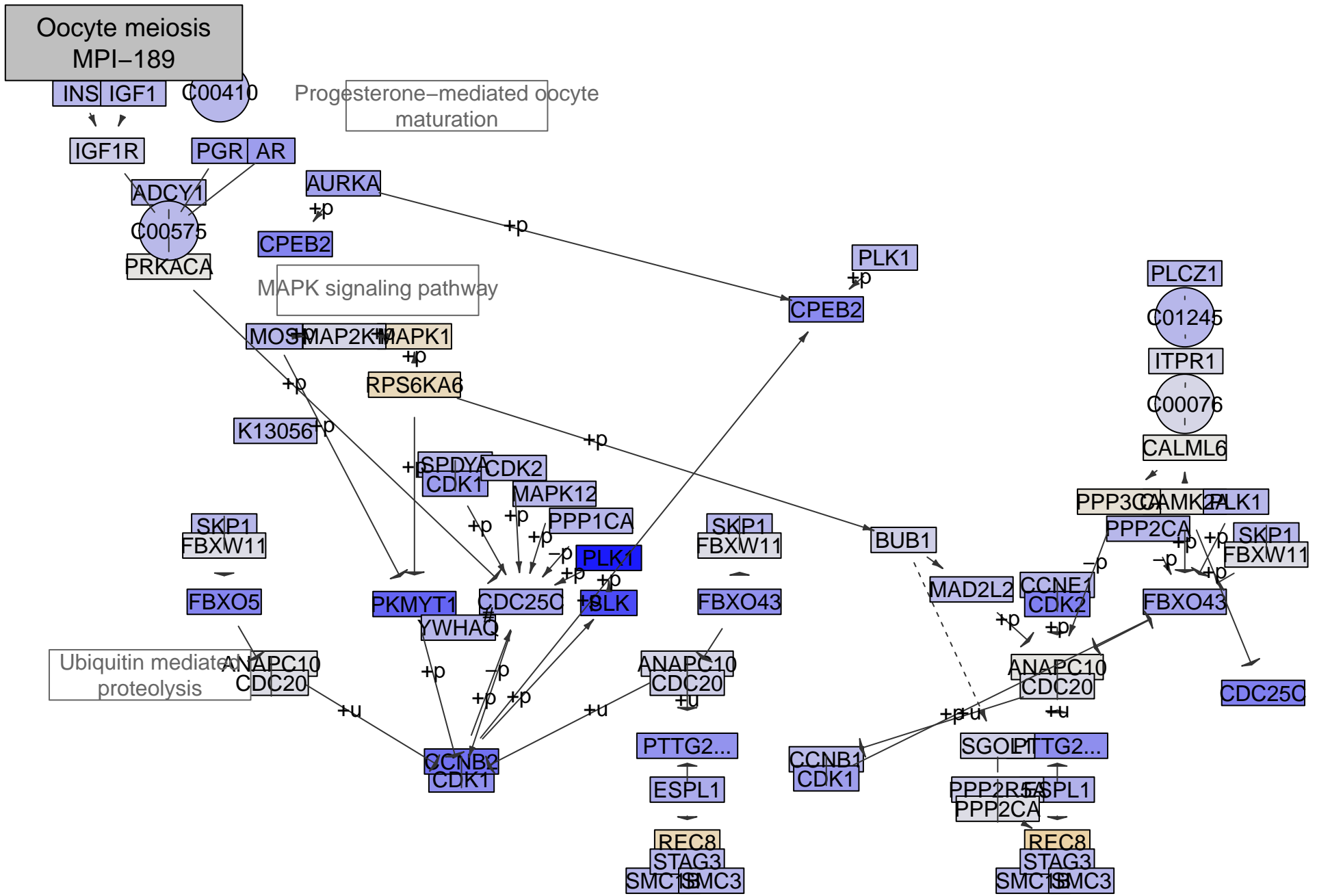


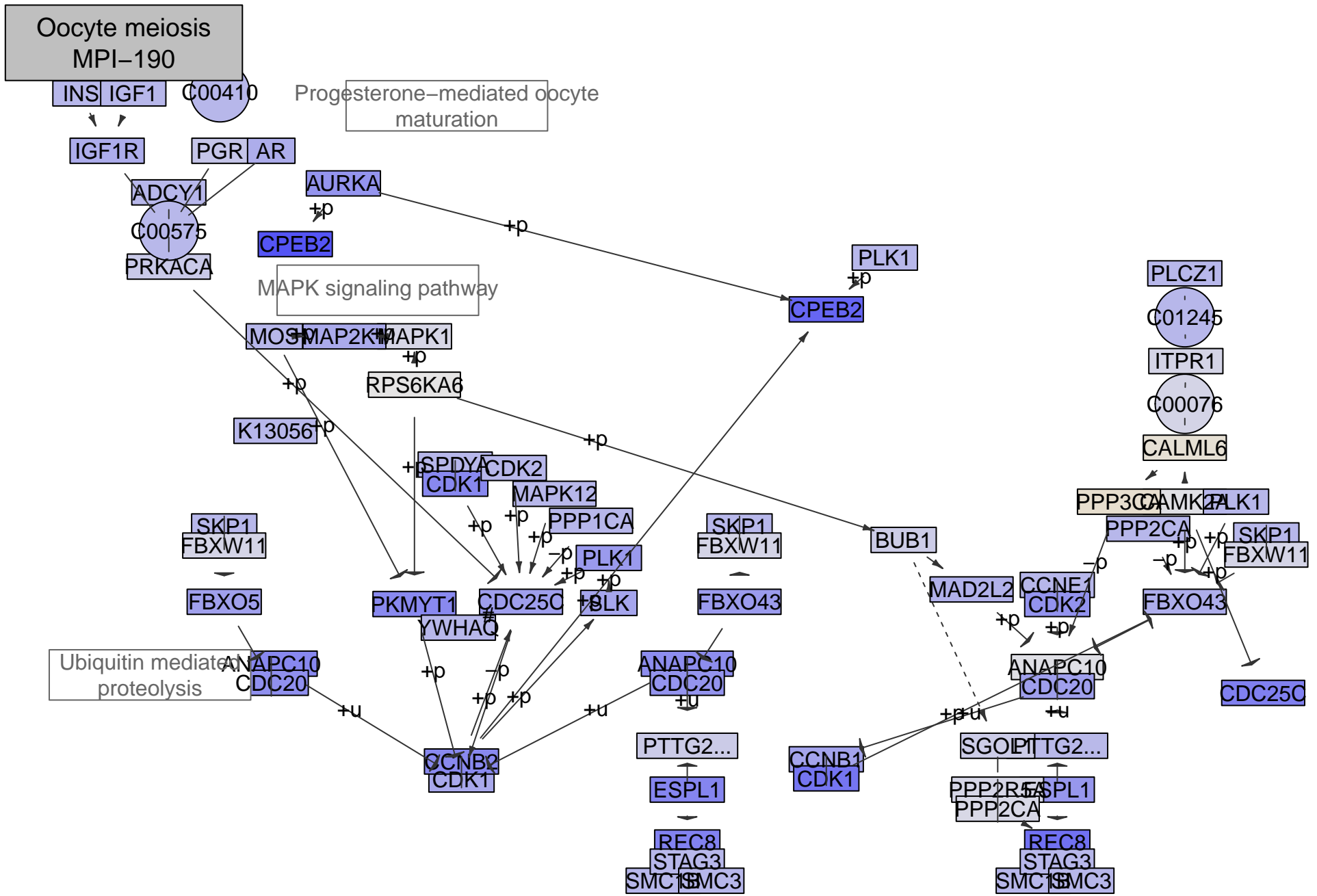


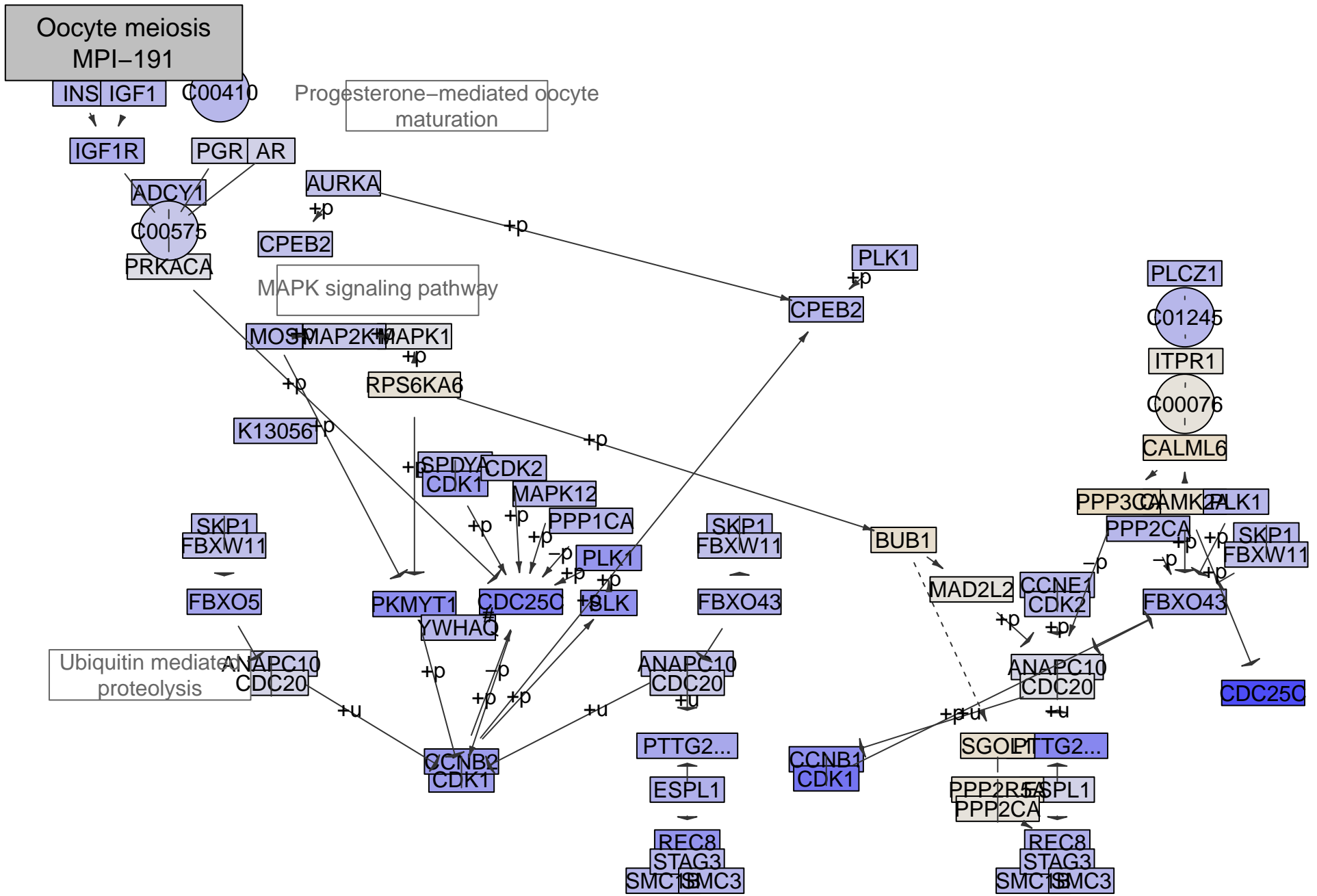


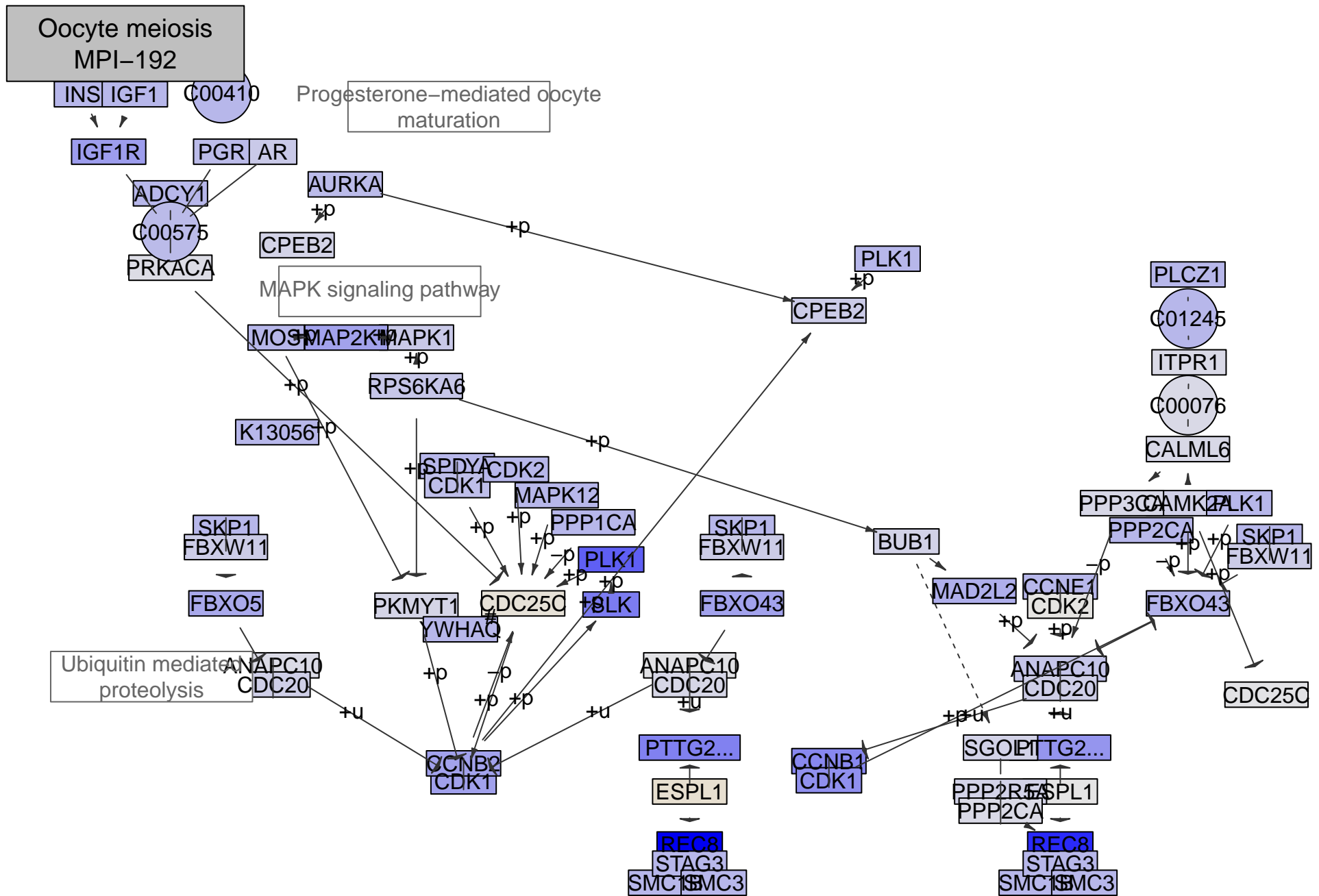


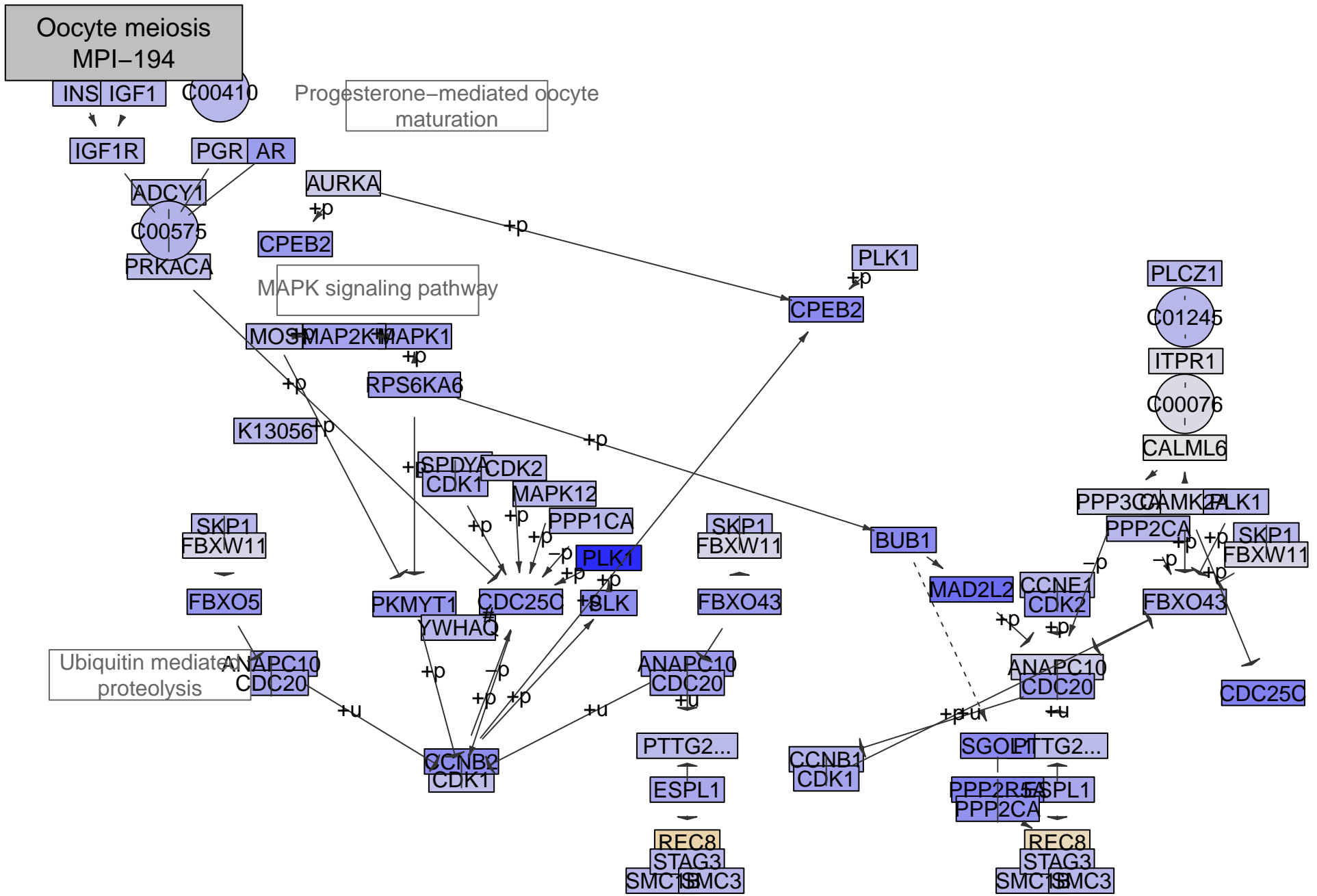


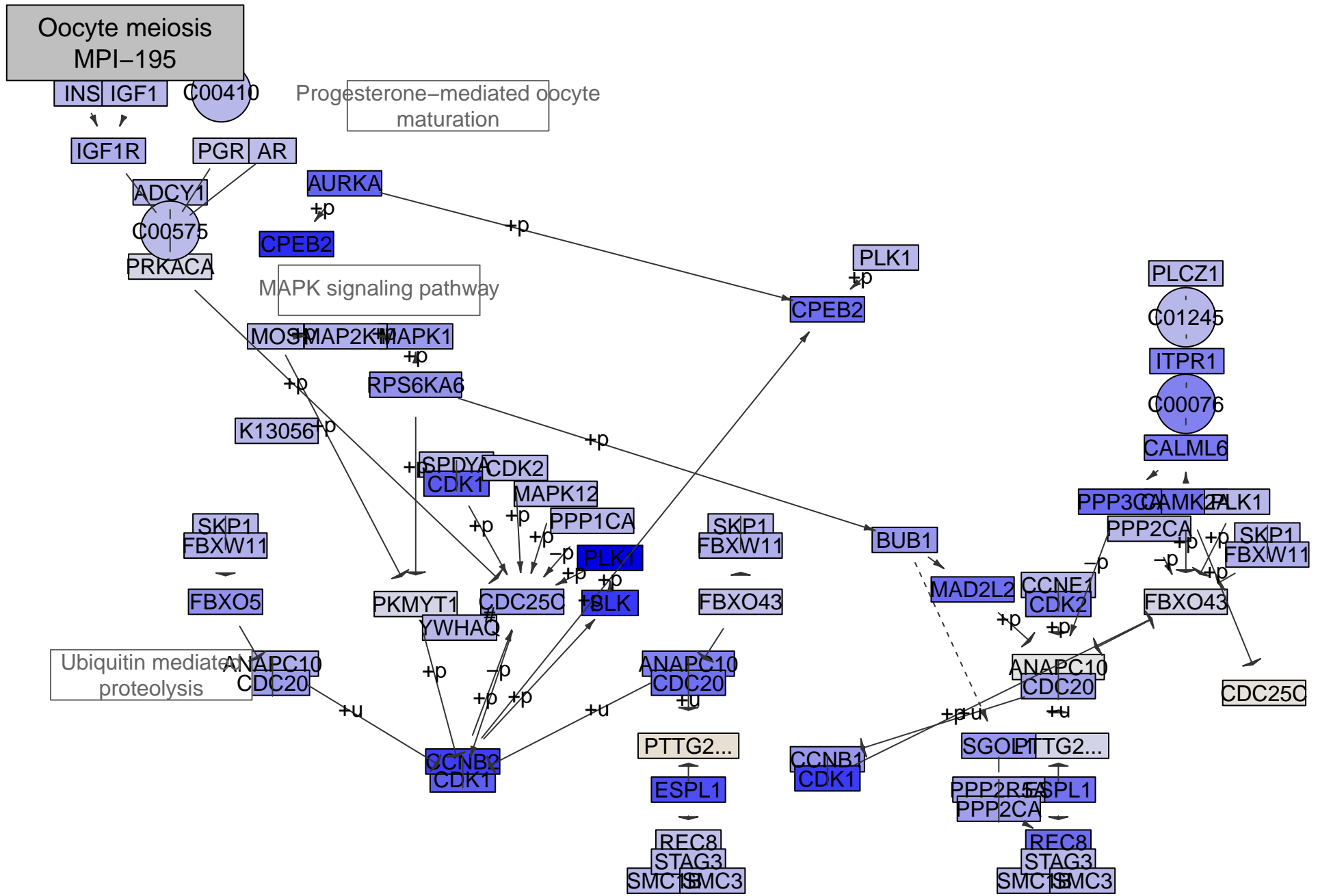


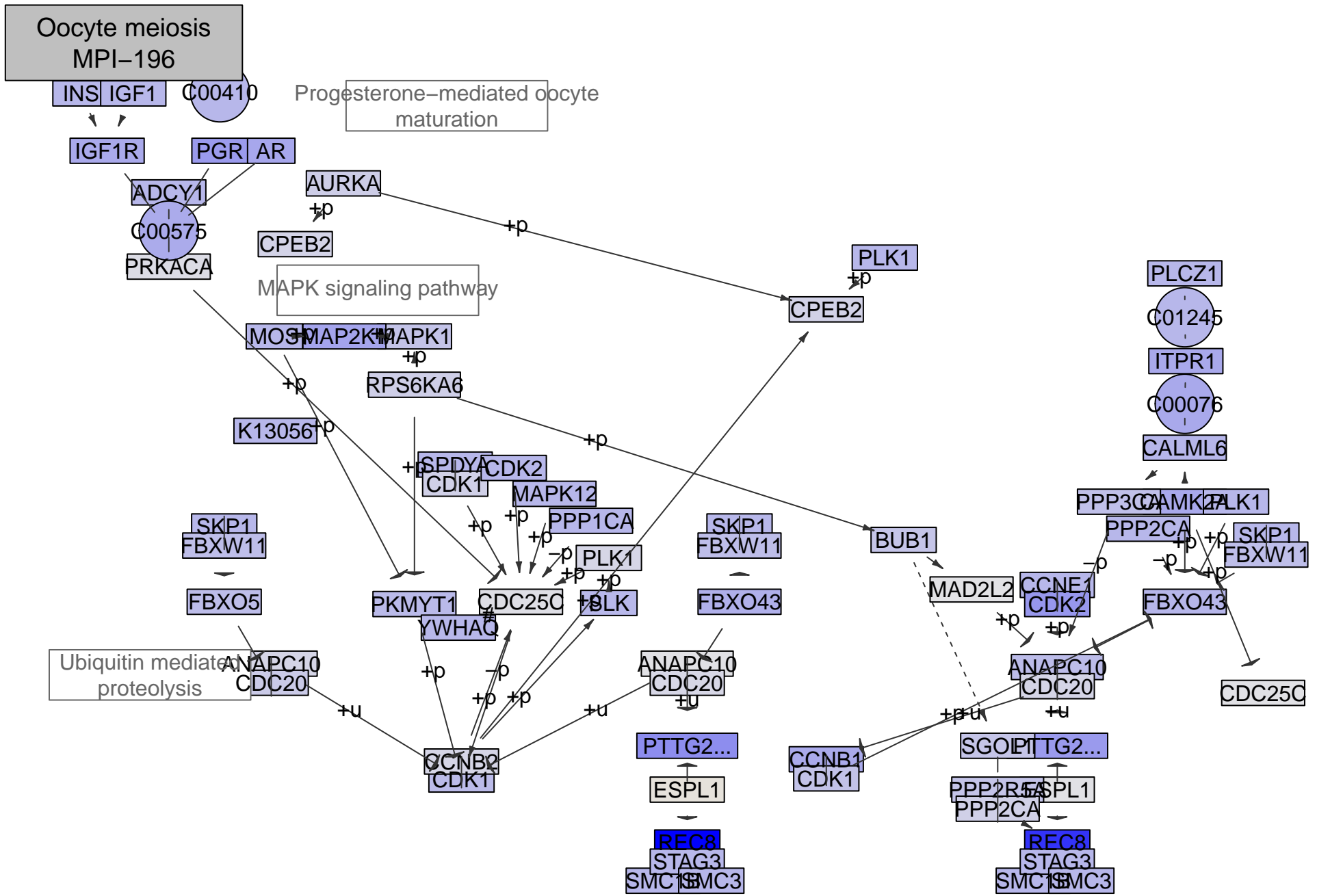






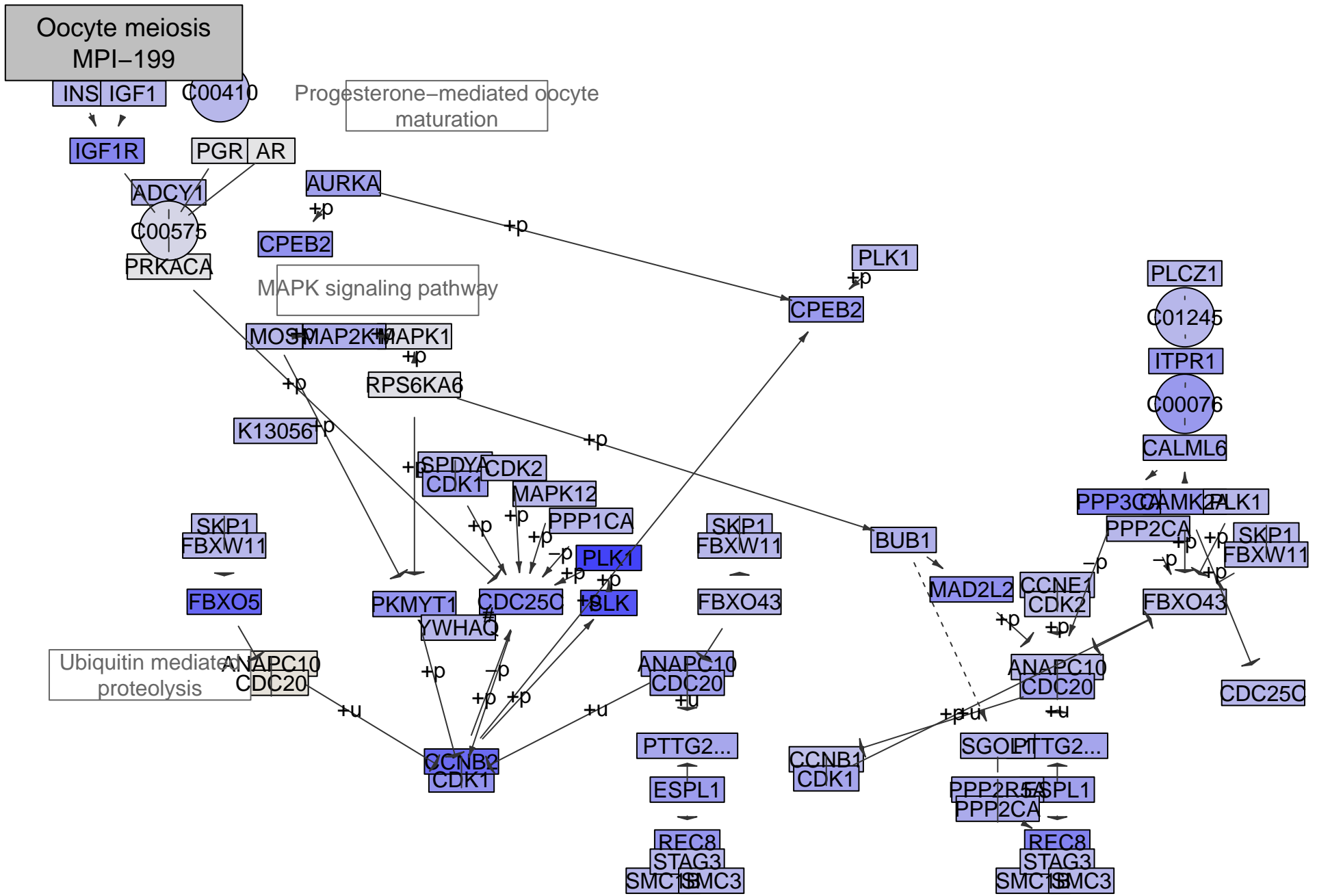


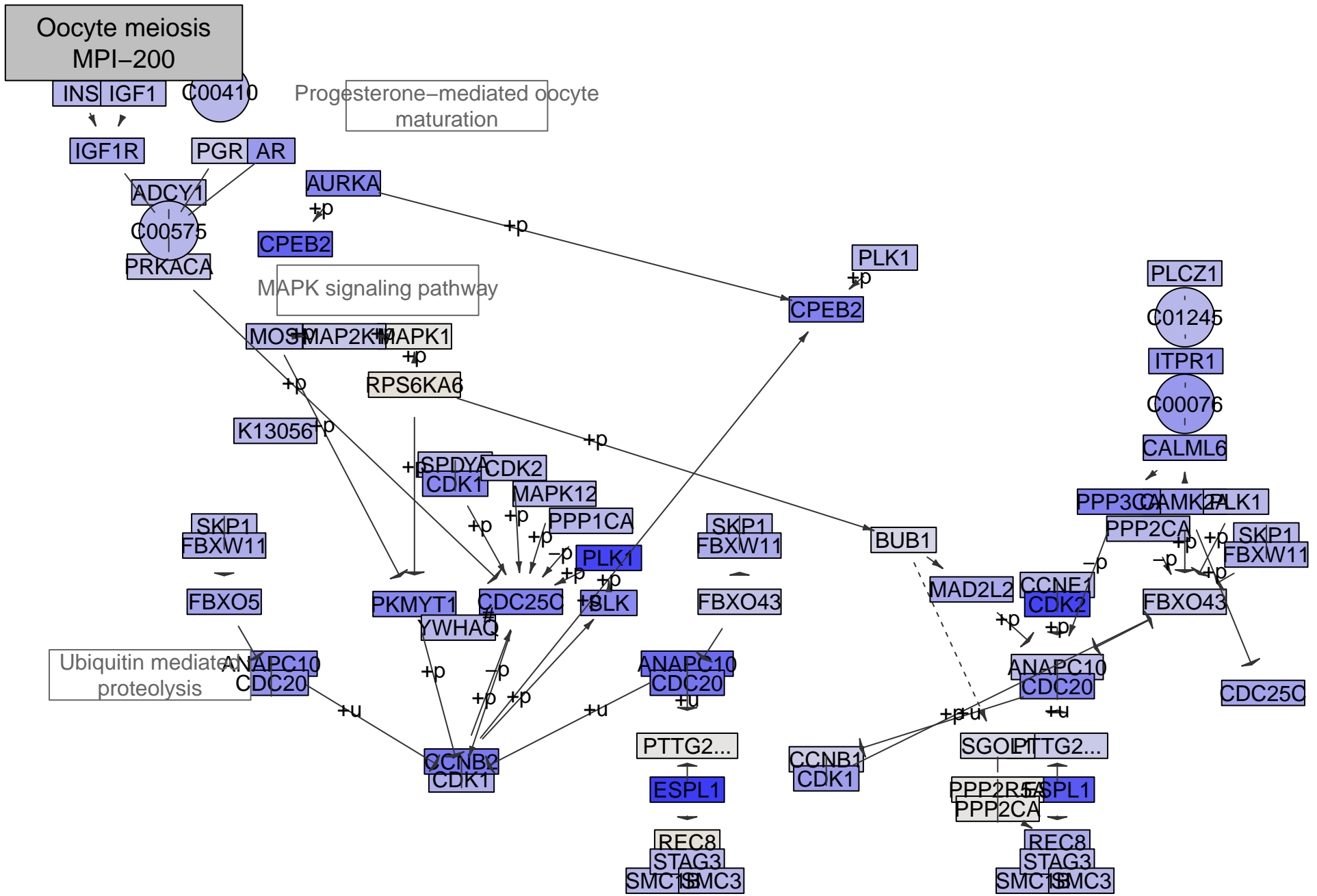


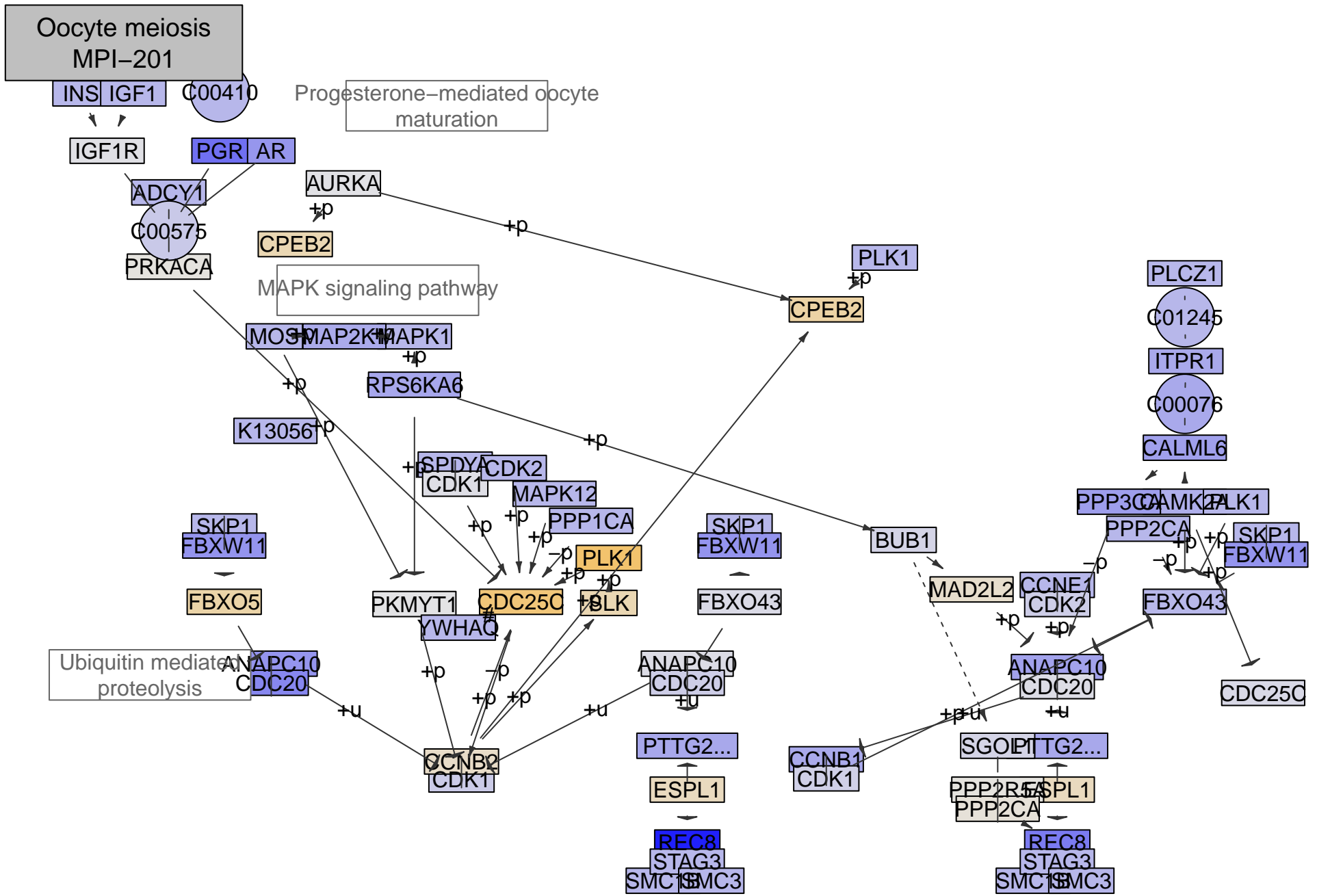


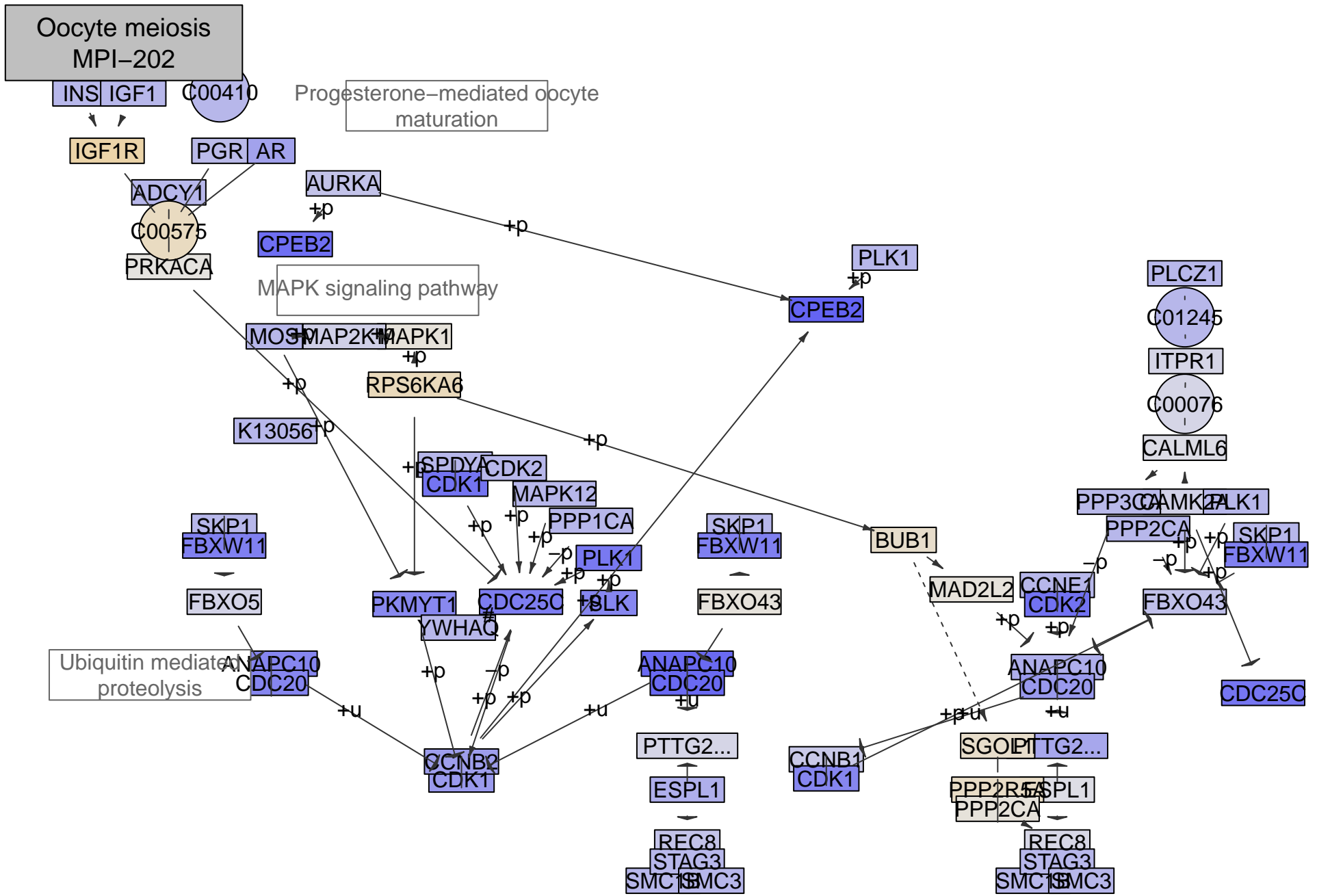


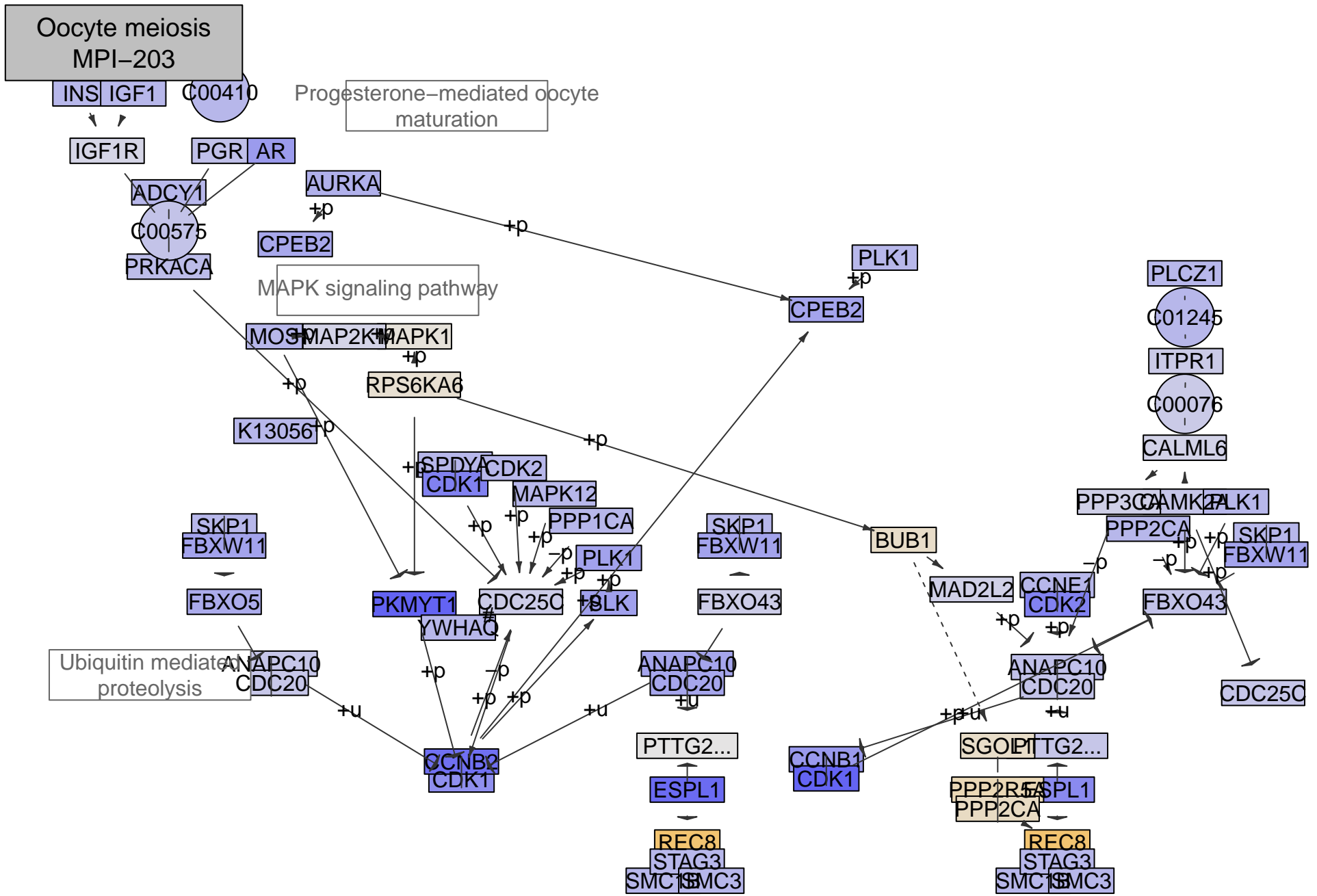


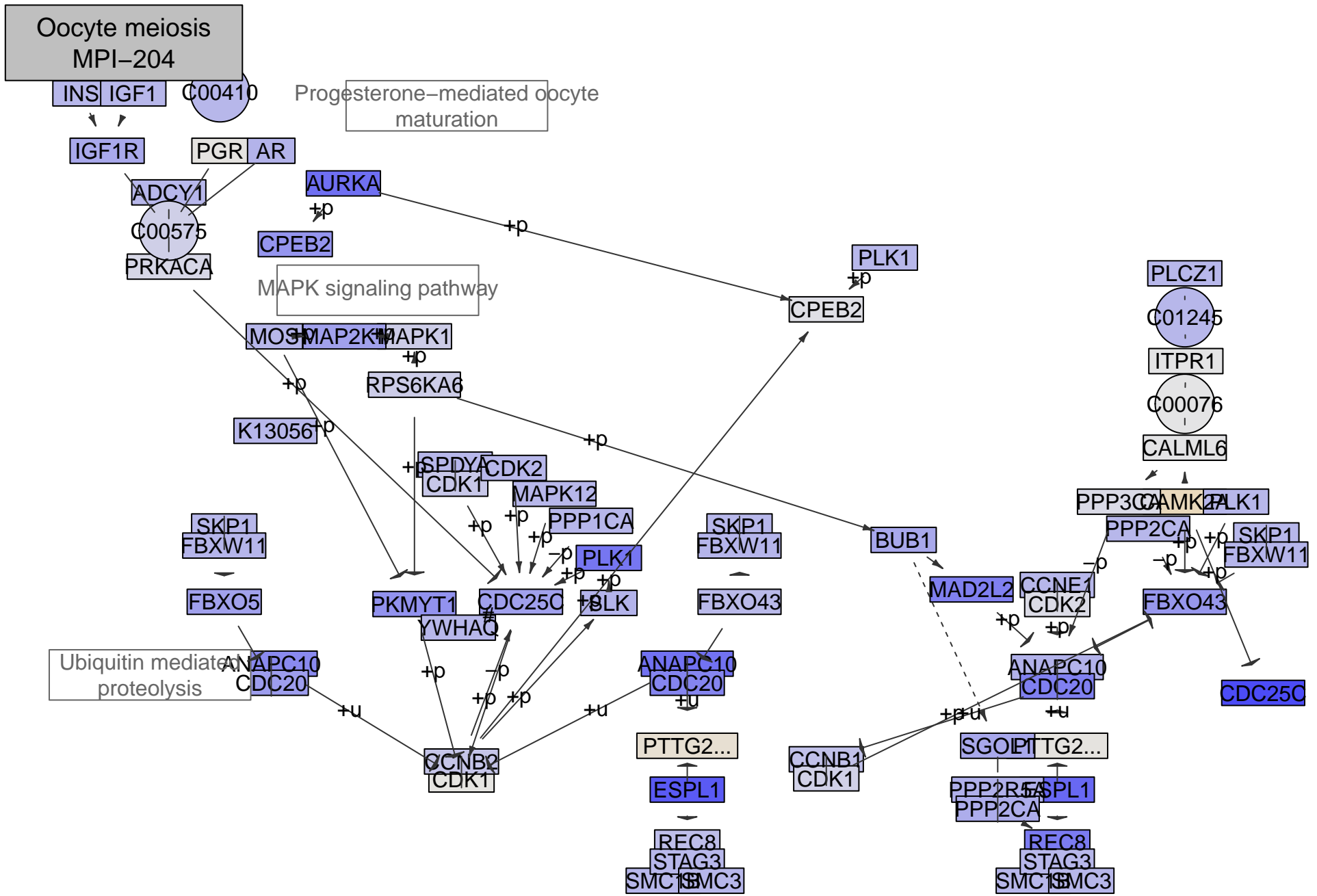


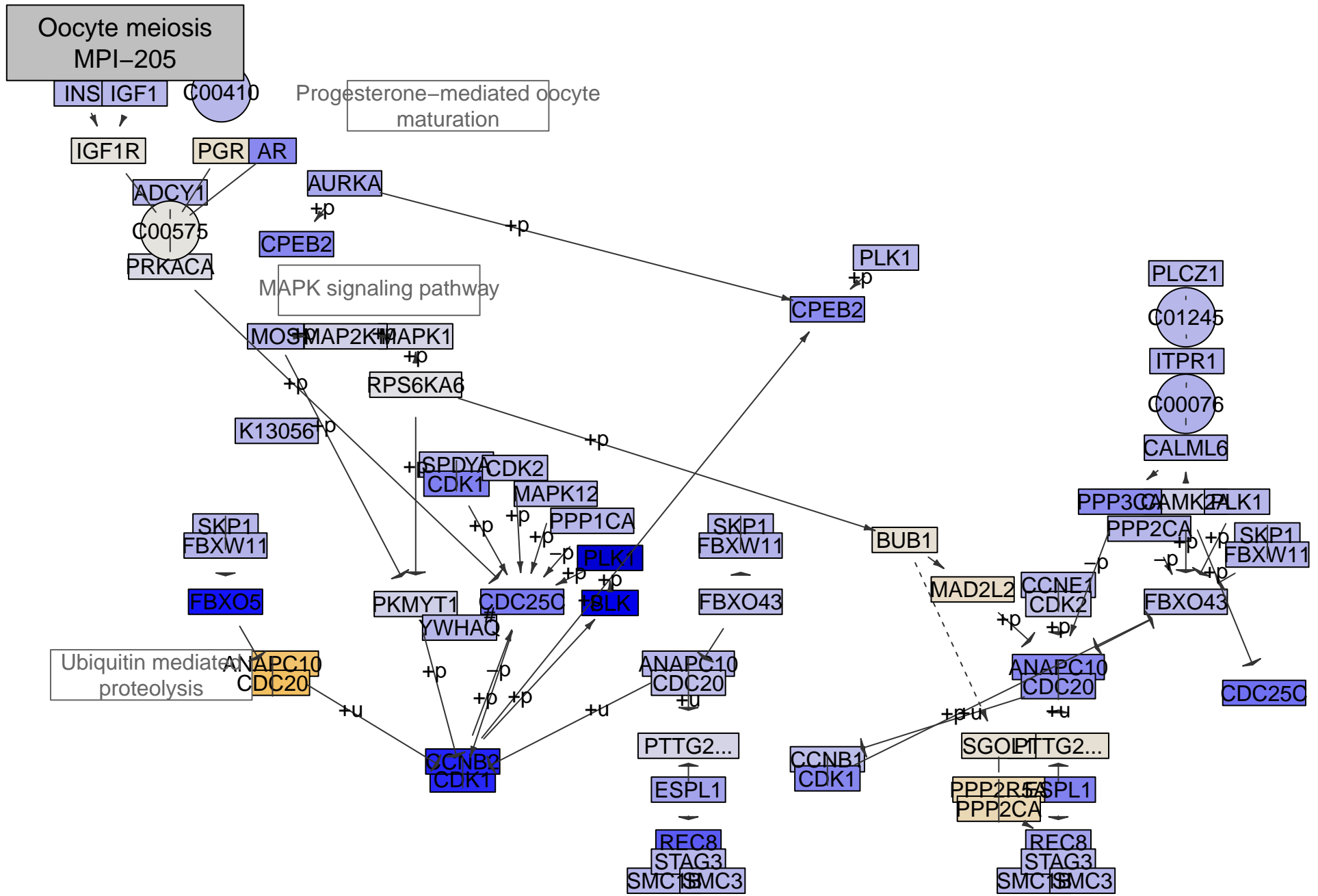






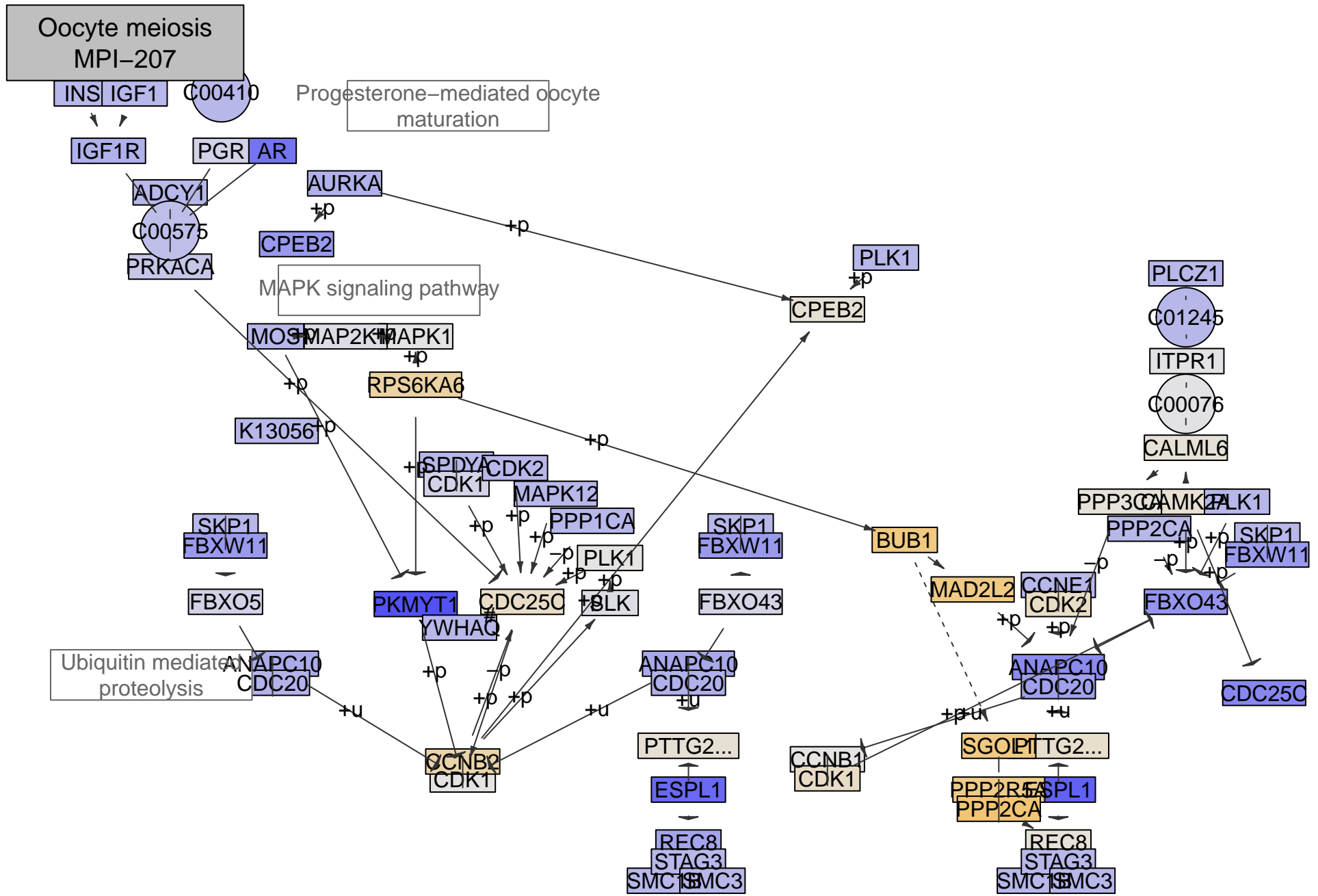


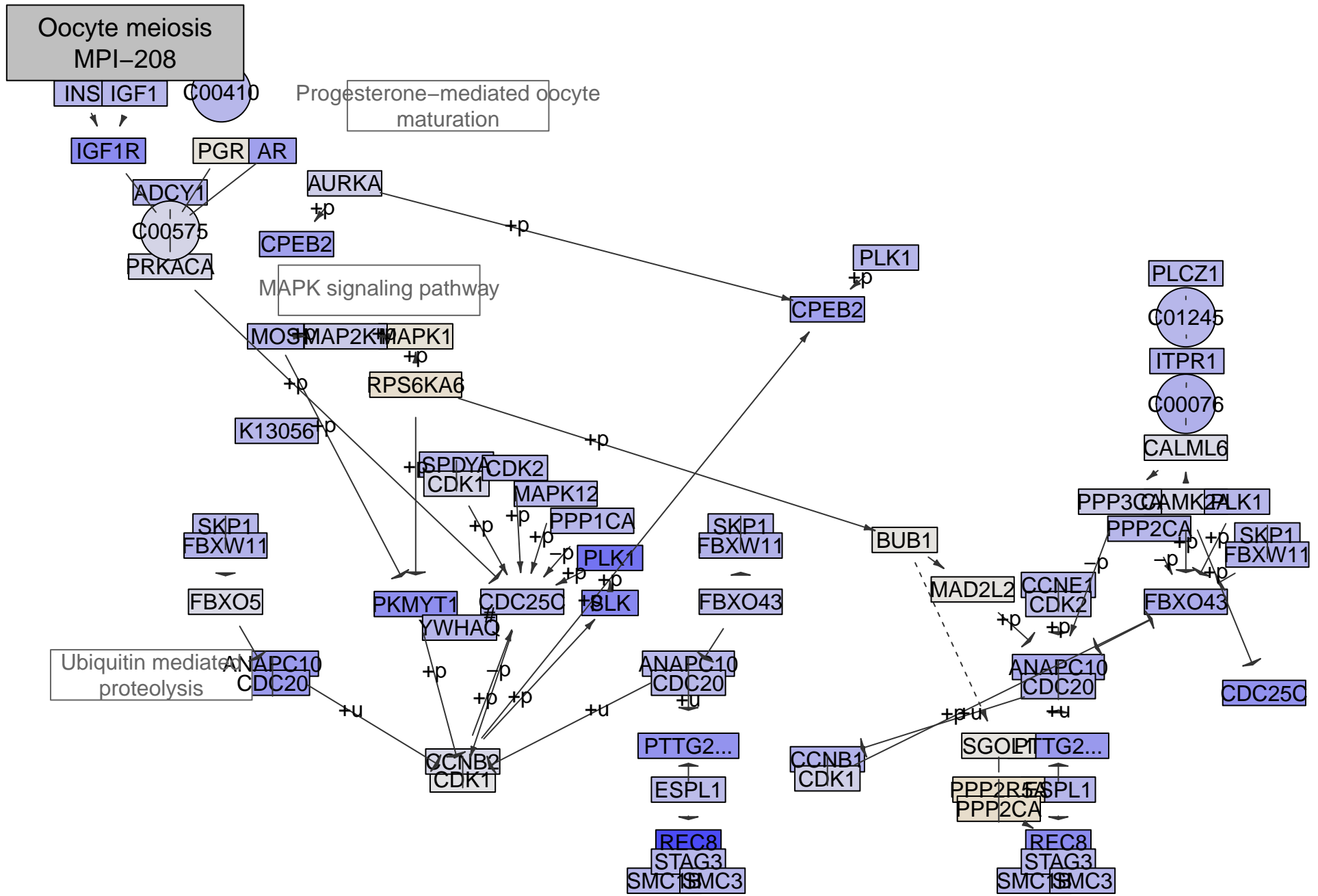


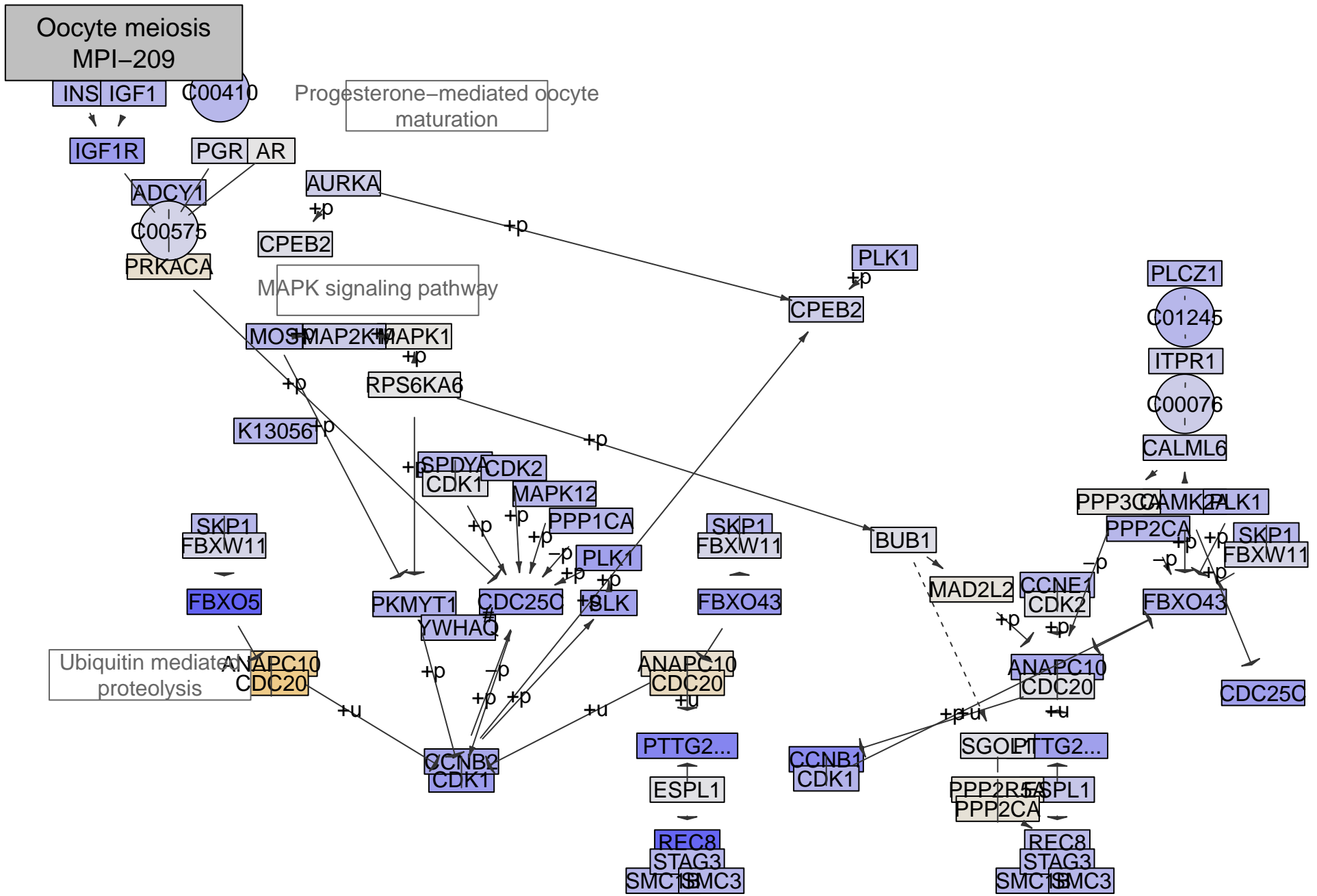


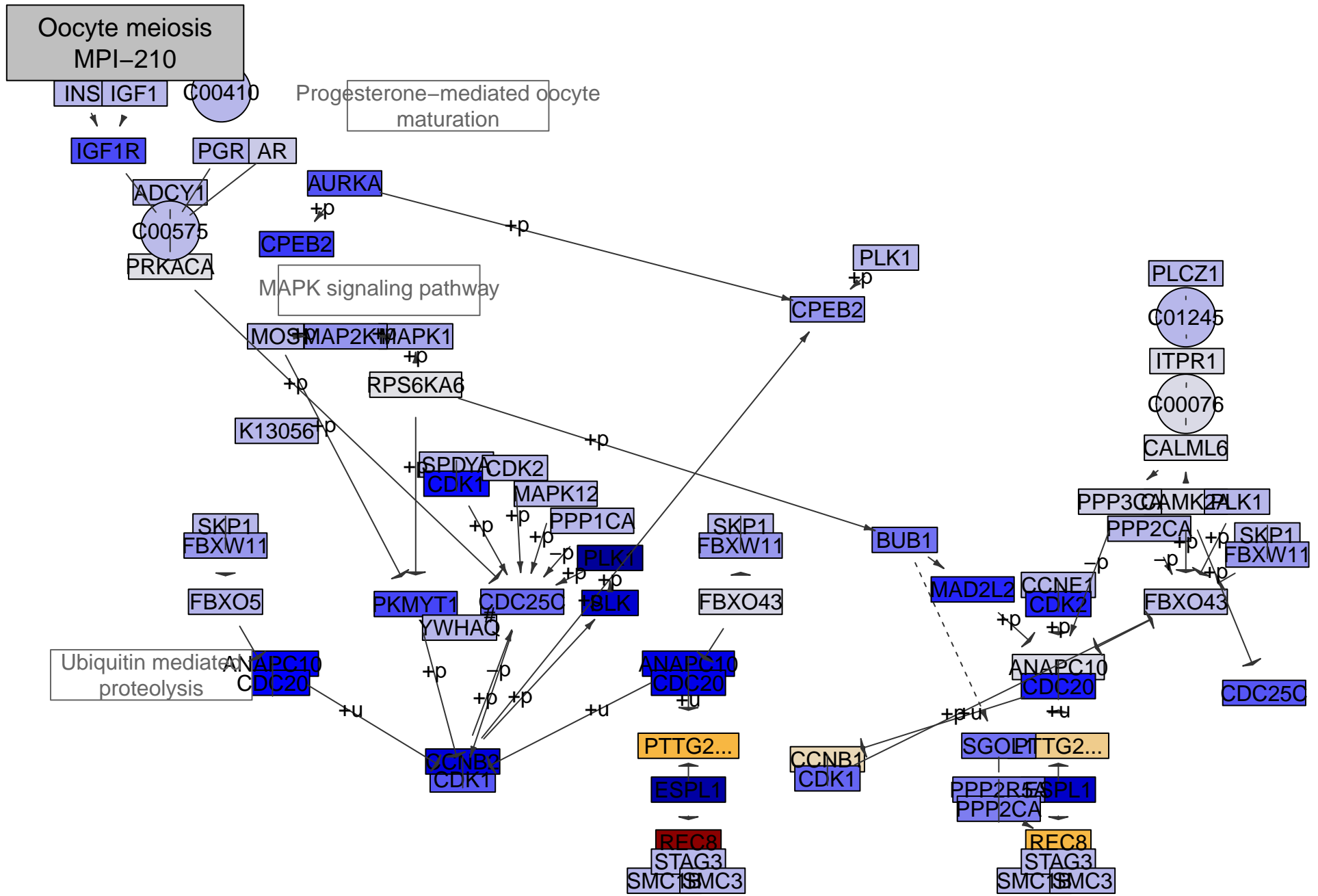


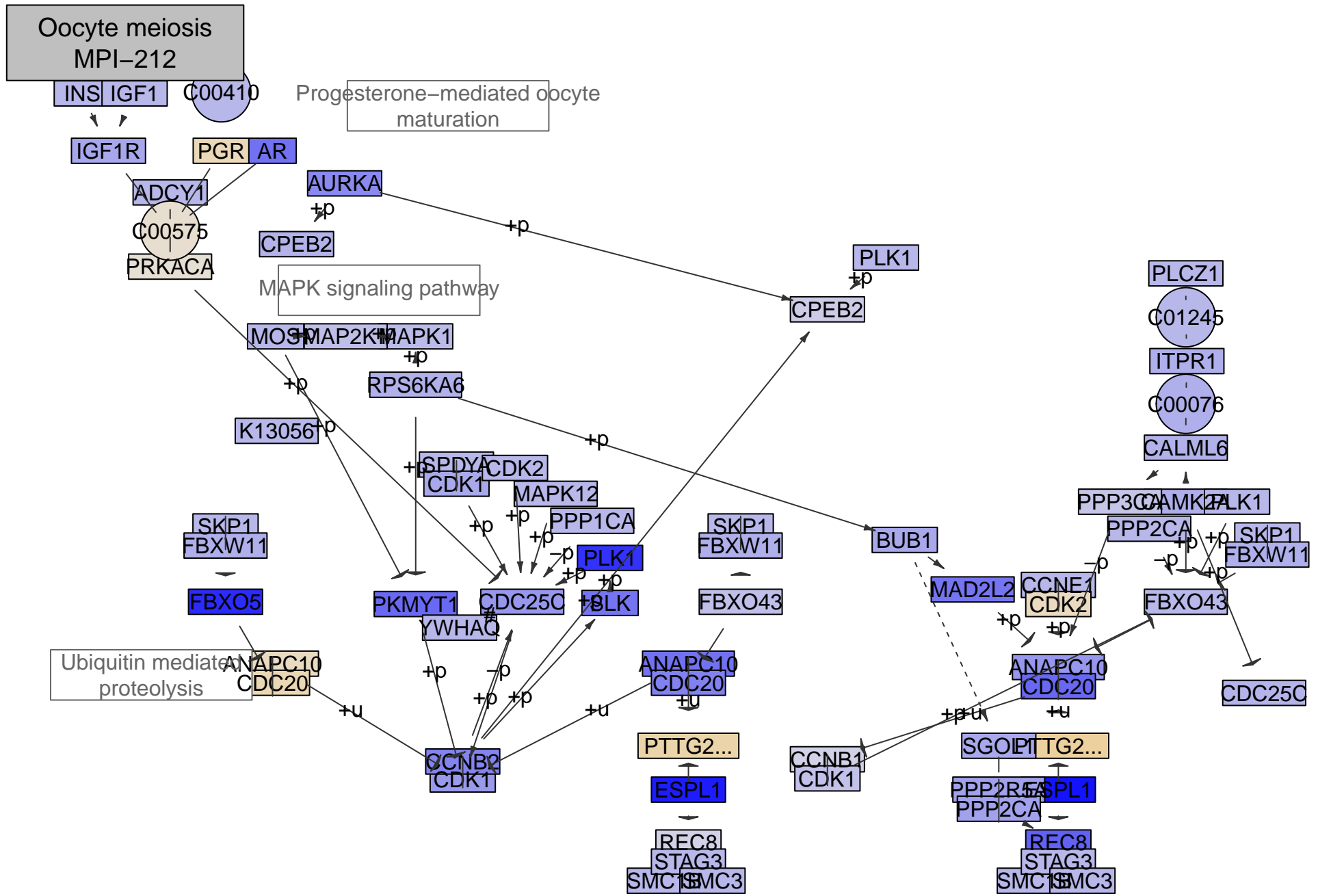


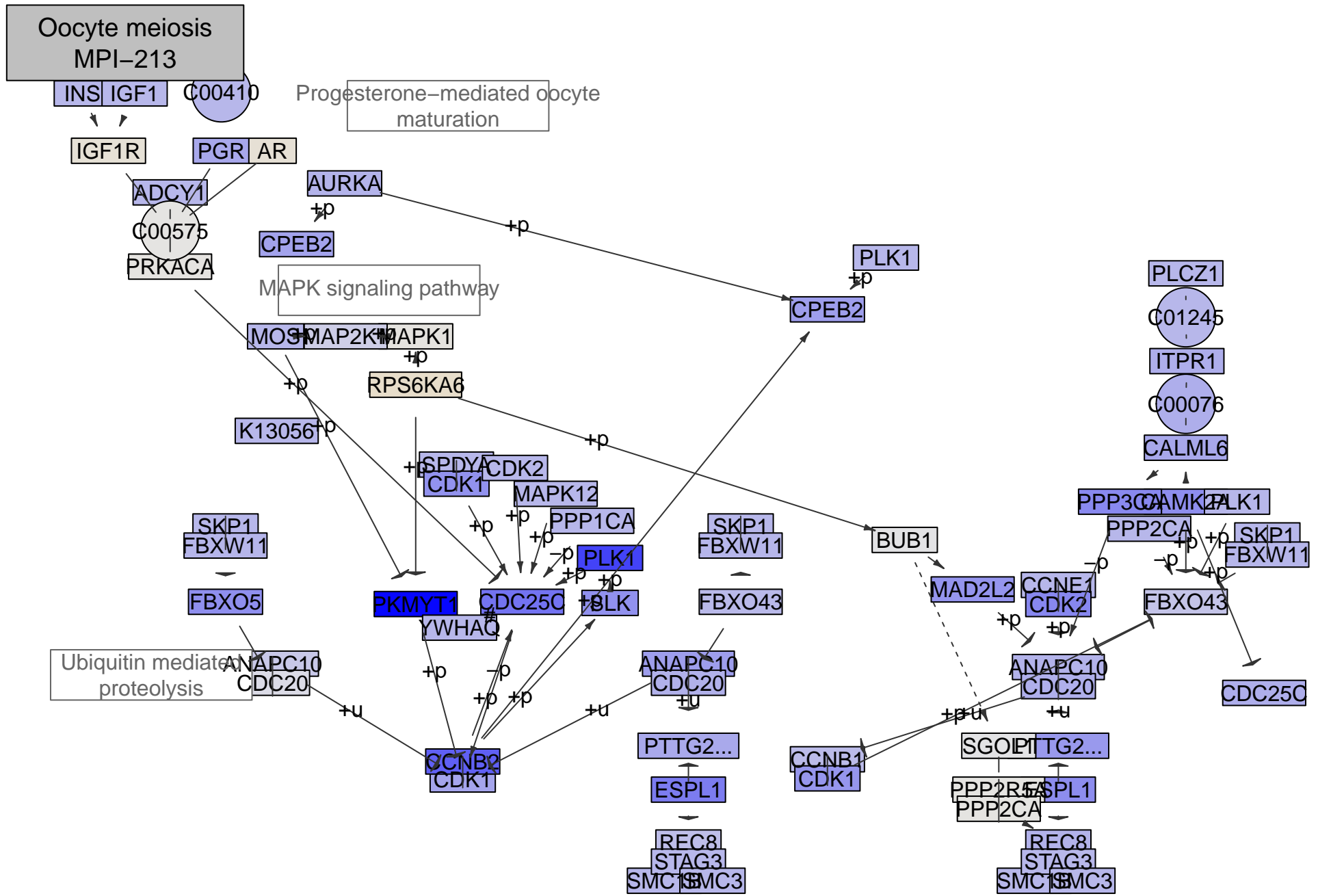


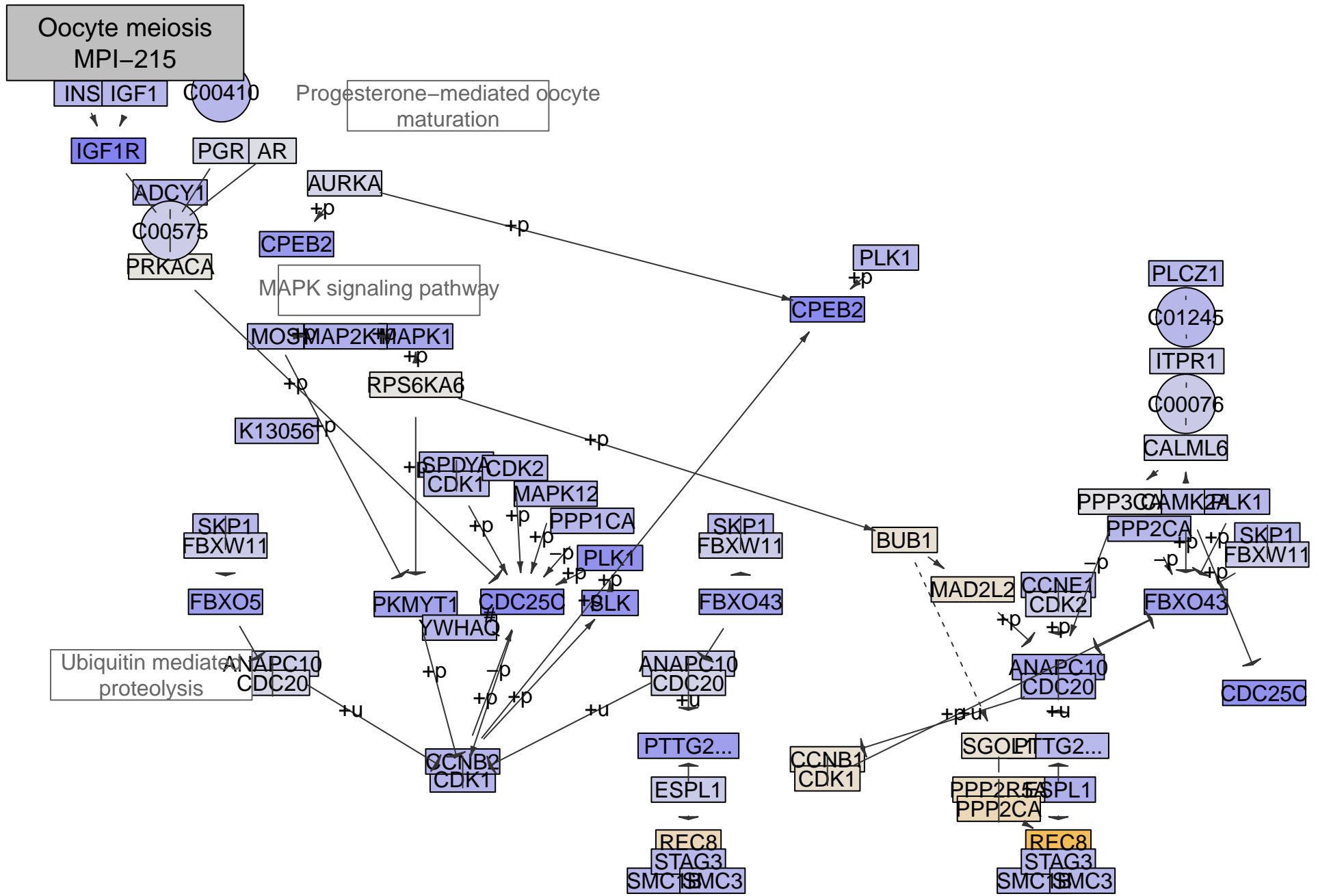


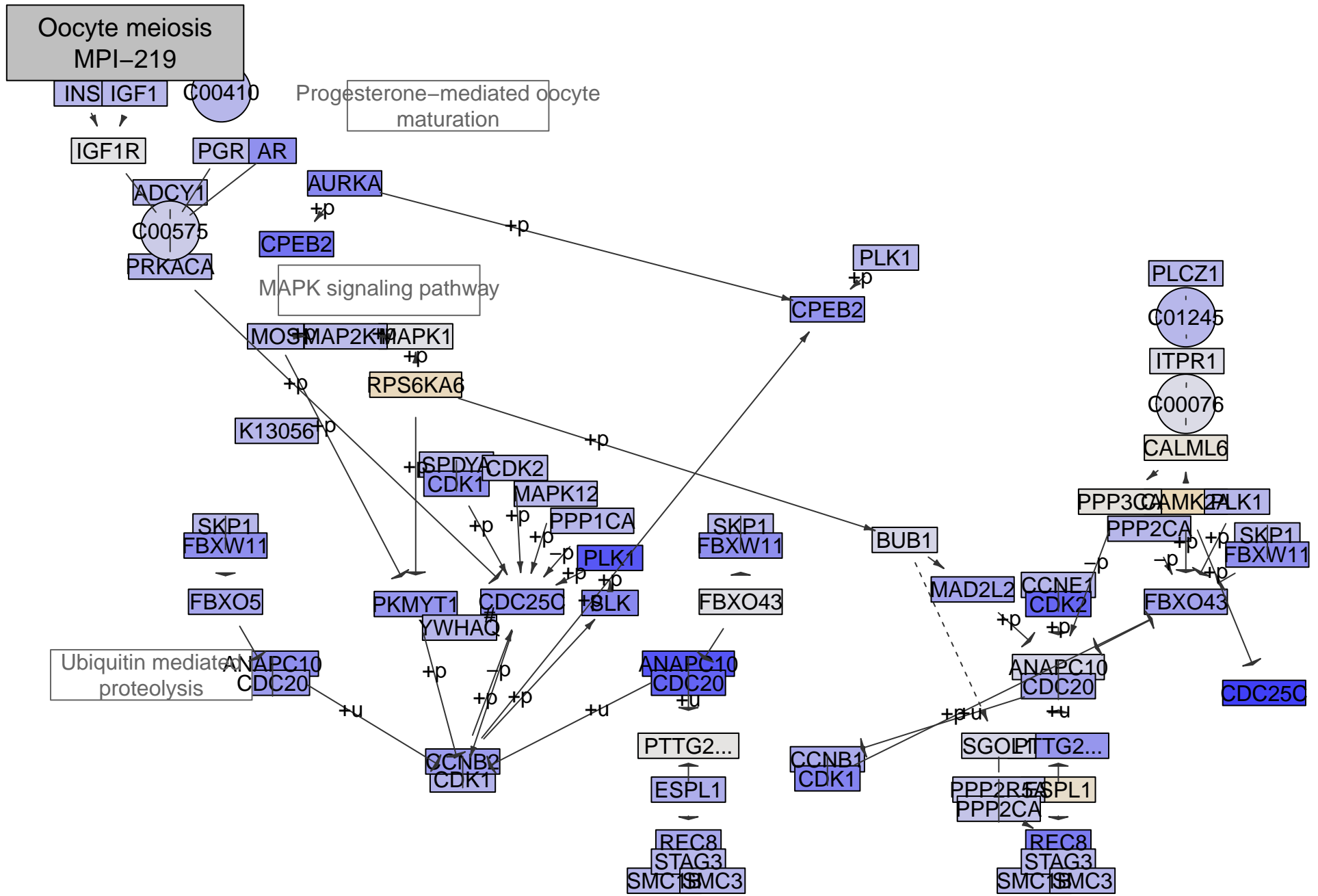




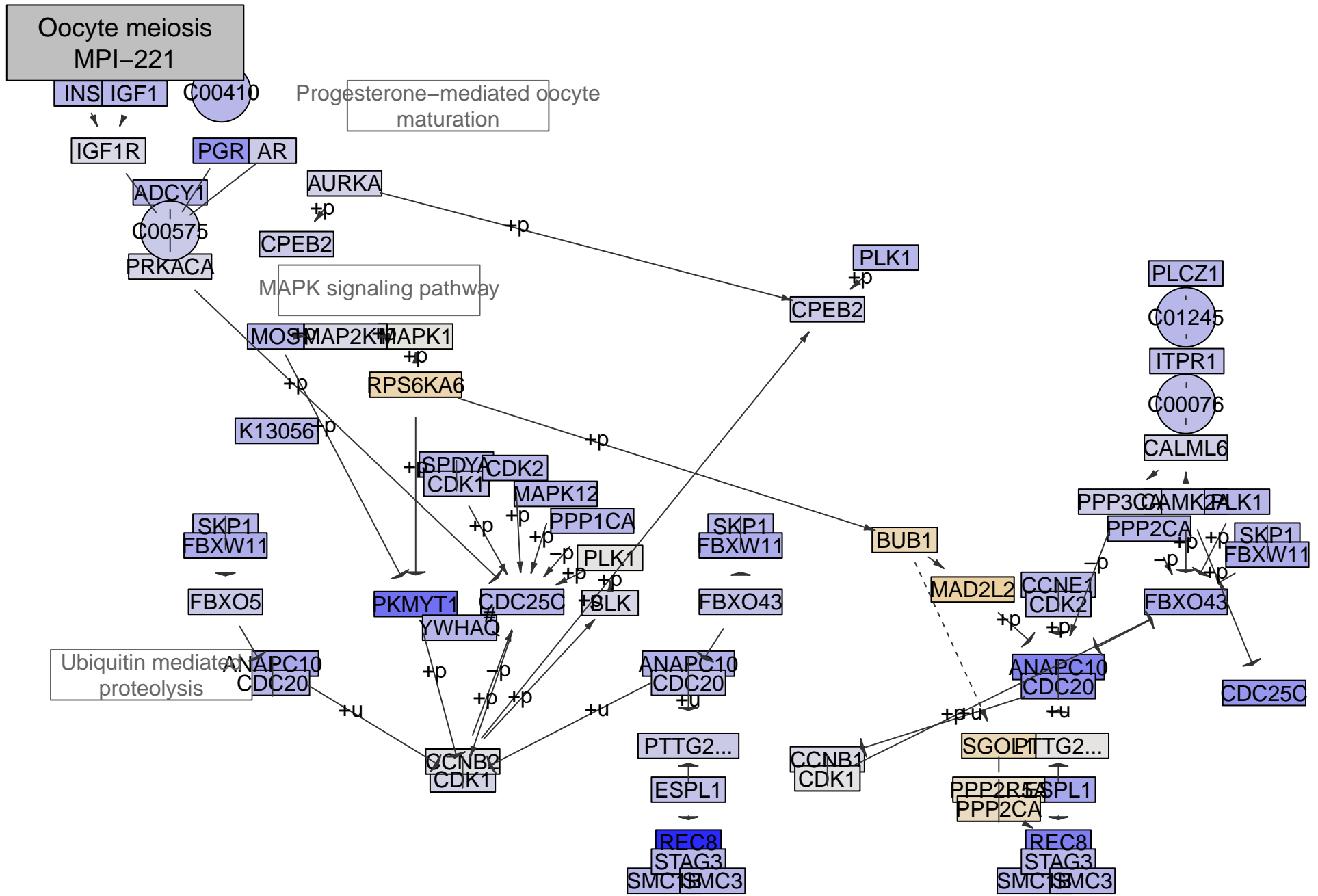


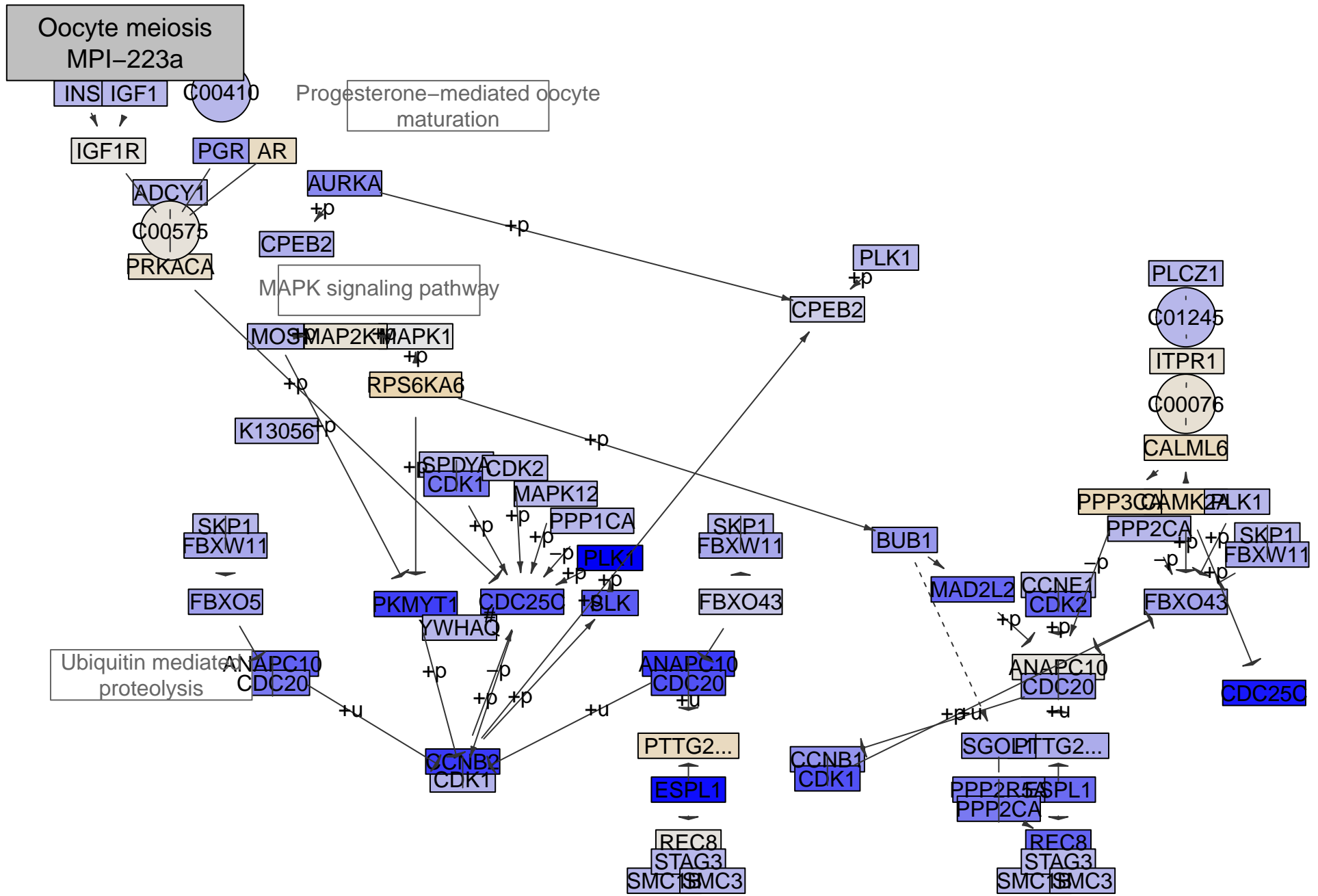


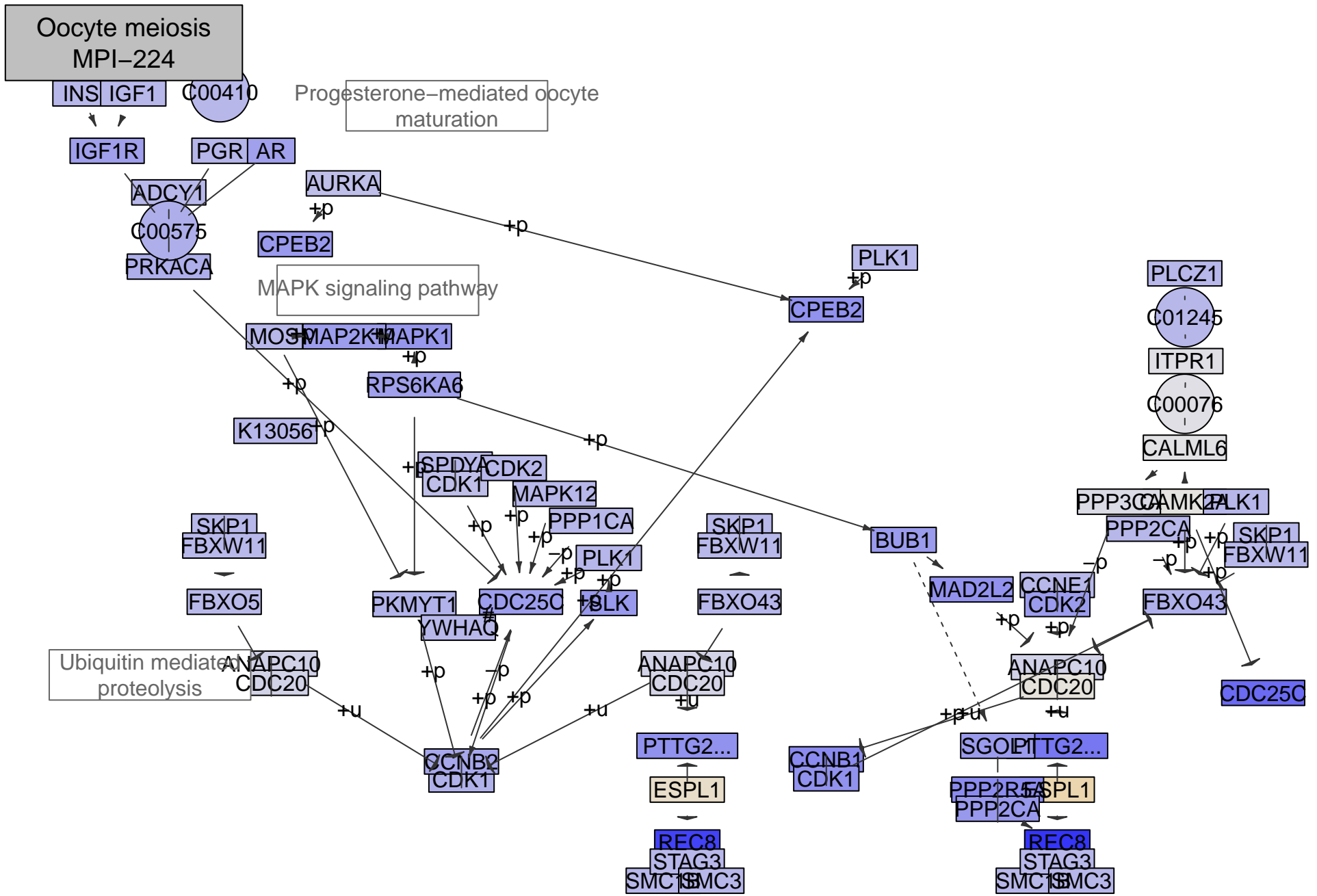


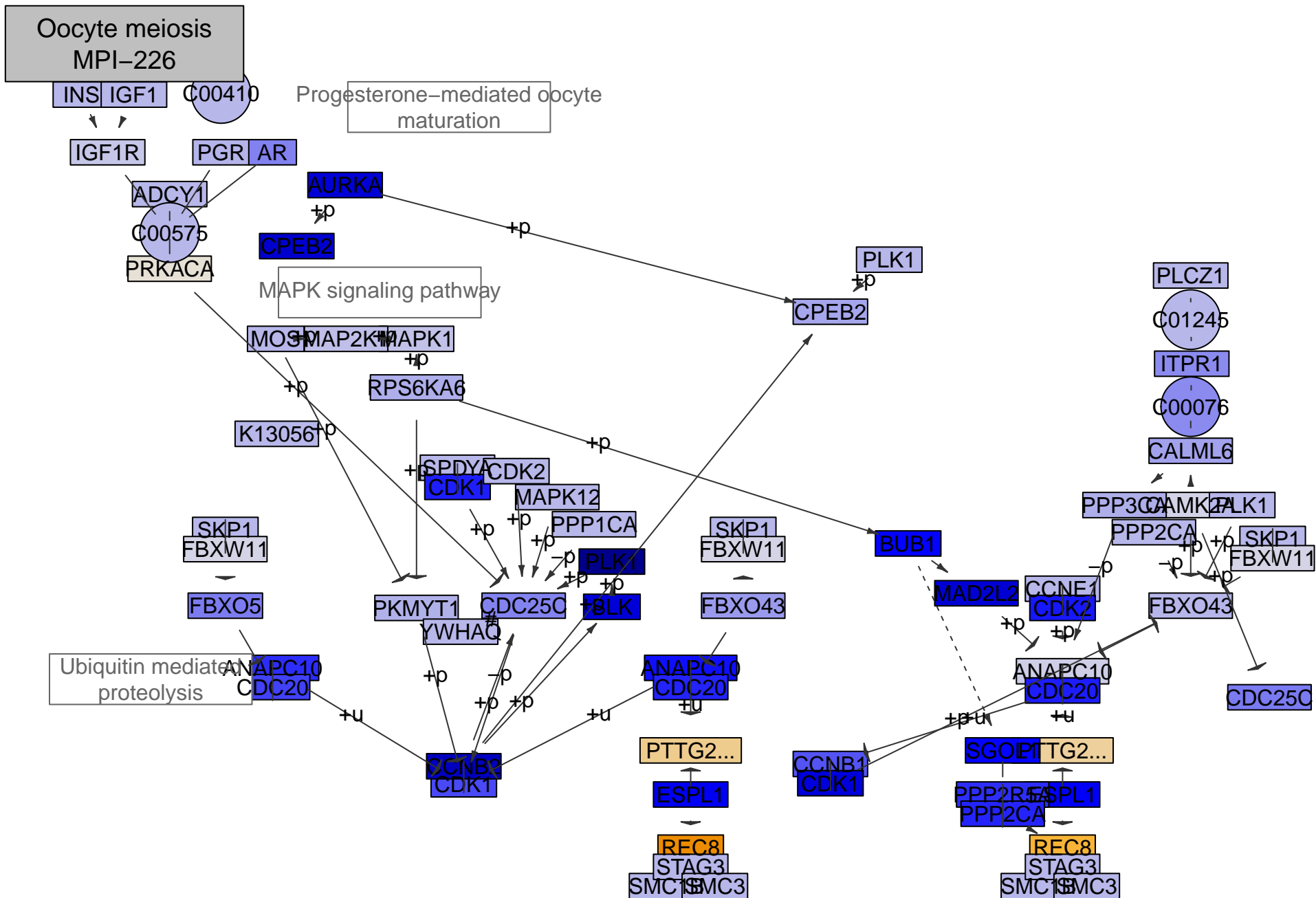




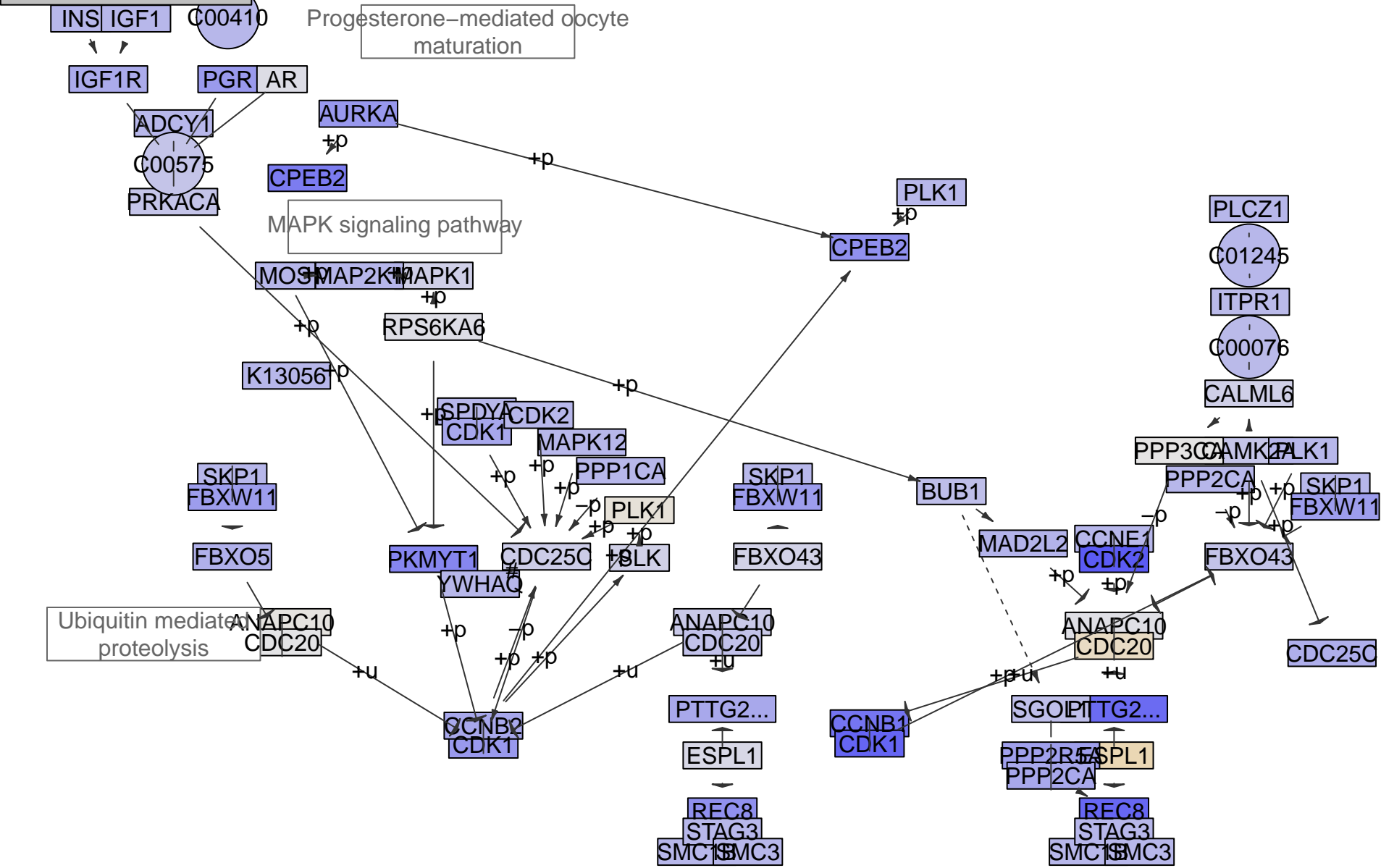


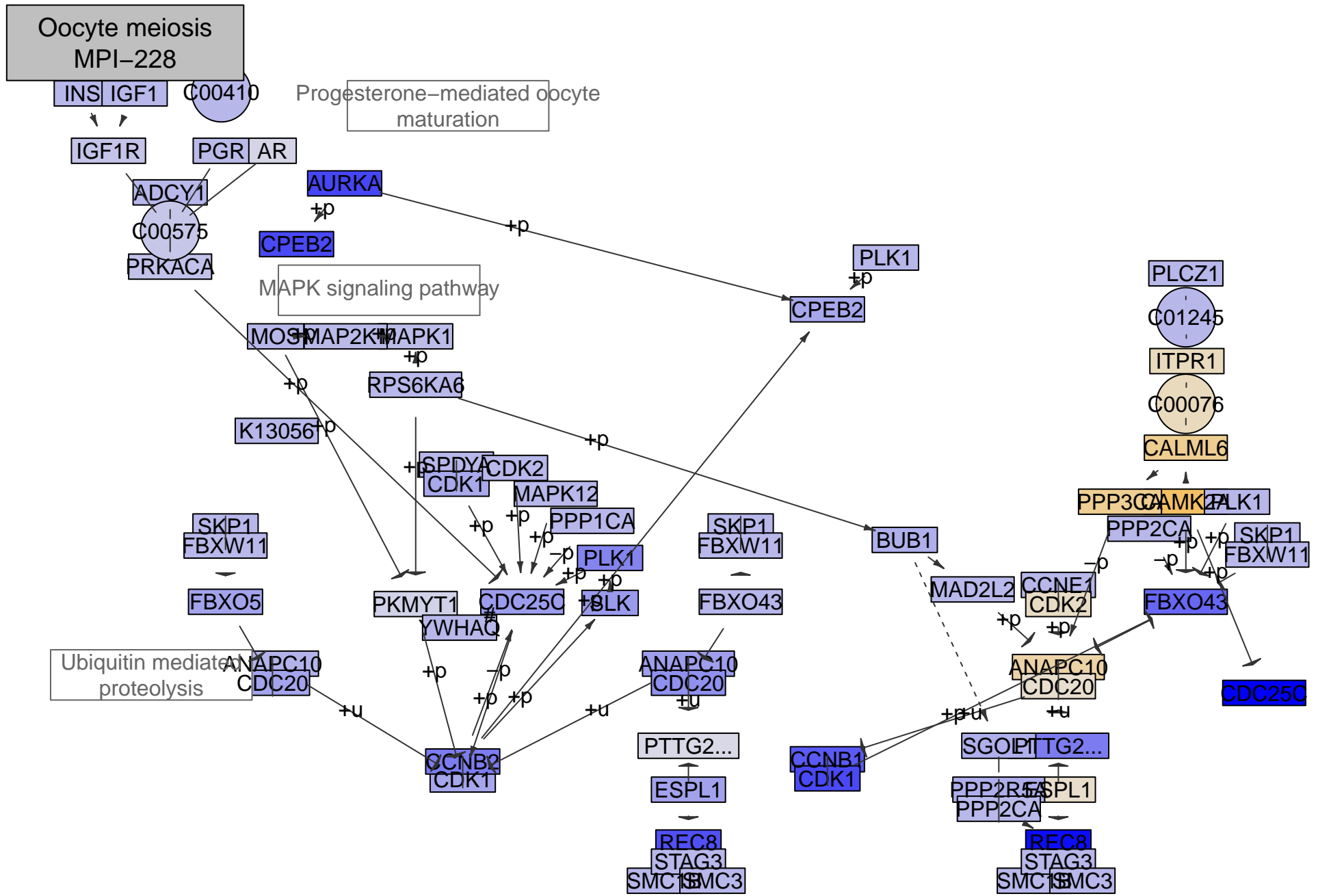


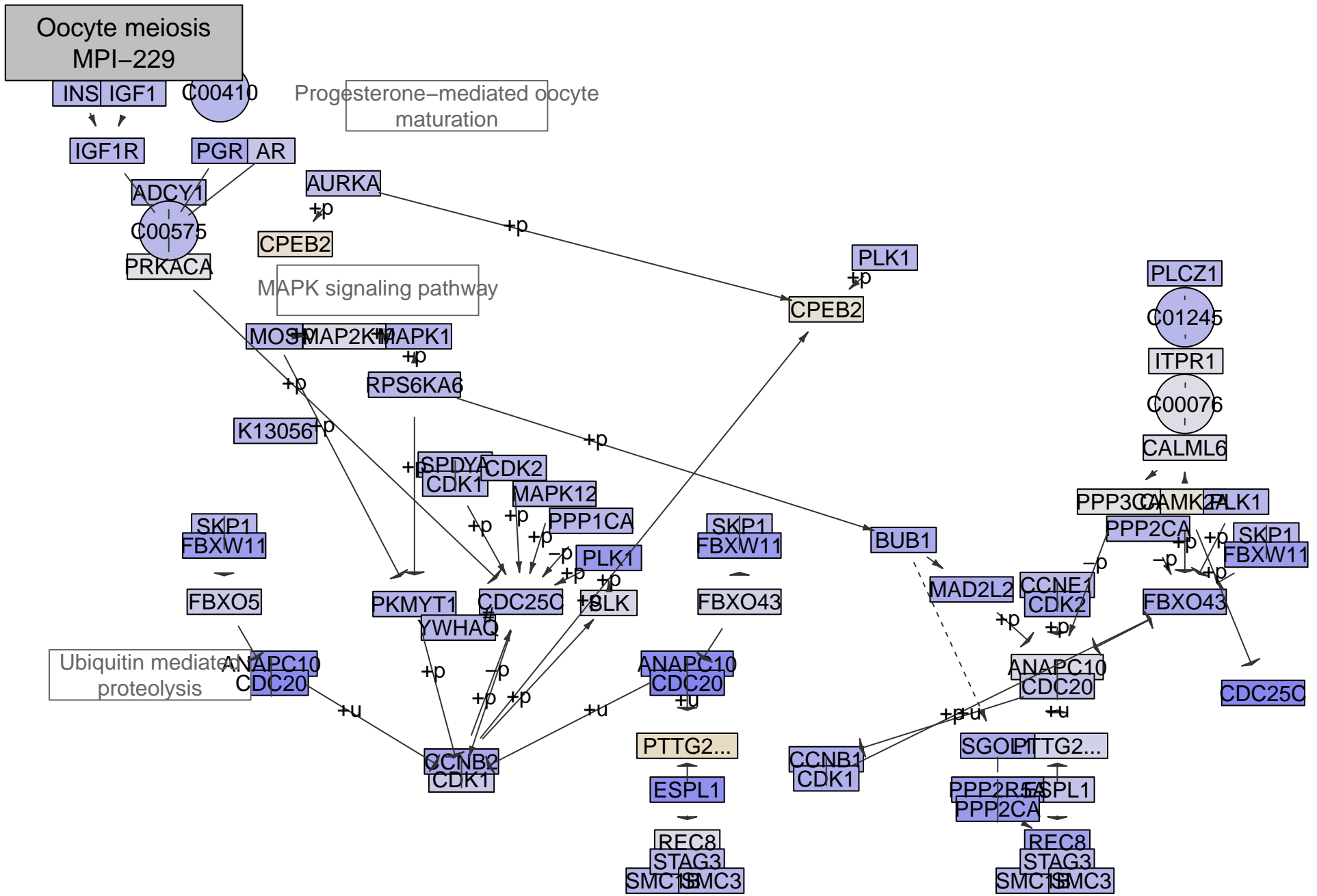


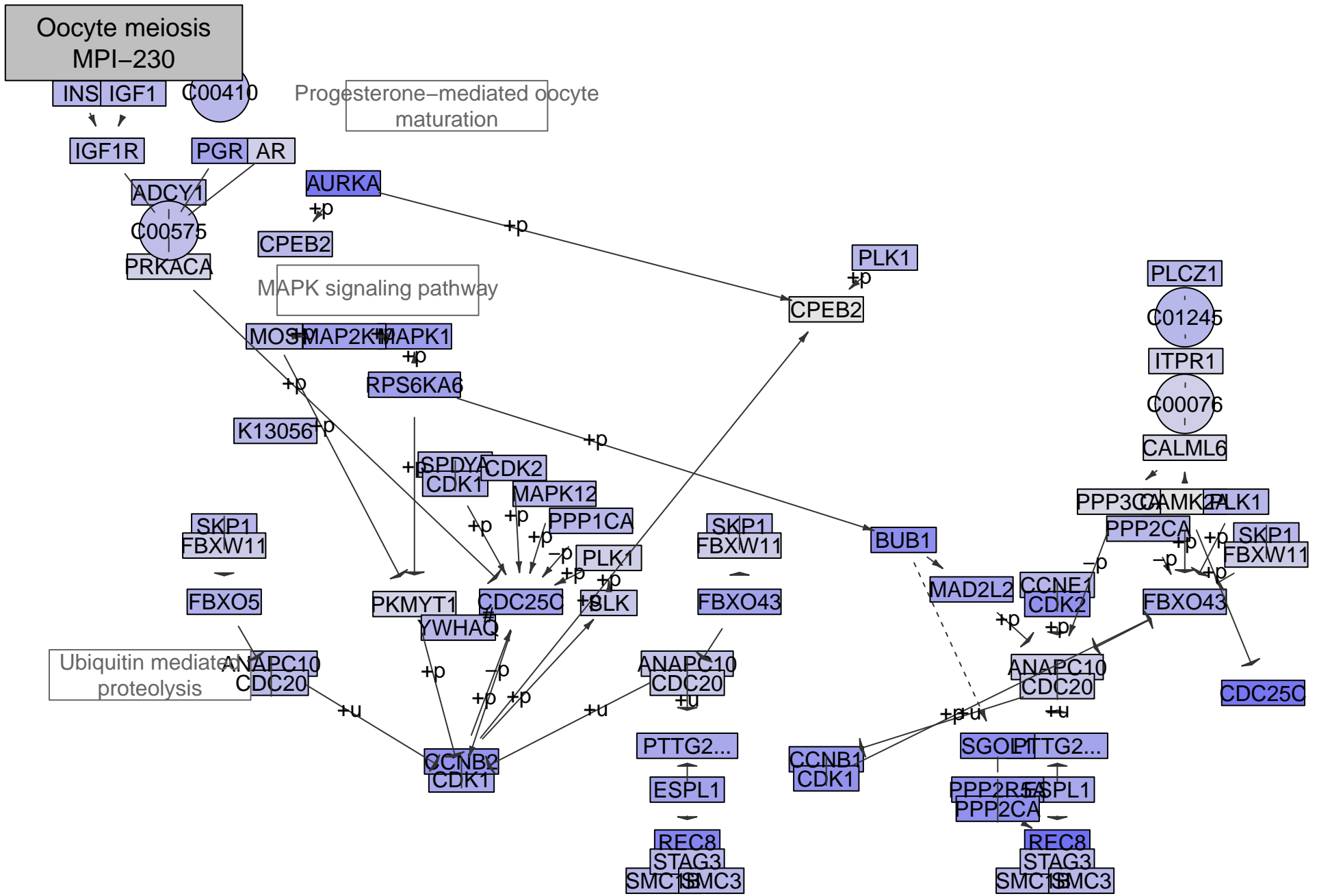


Oocyte meiosis  
MPI-227

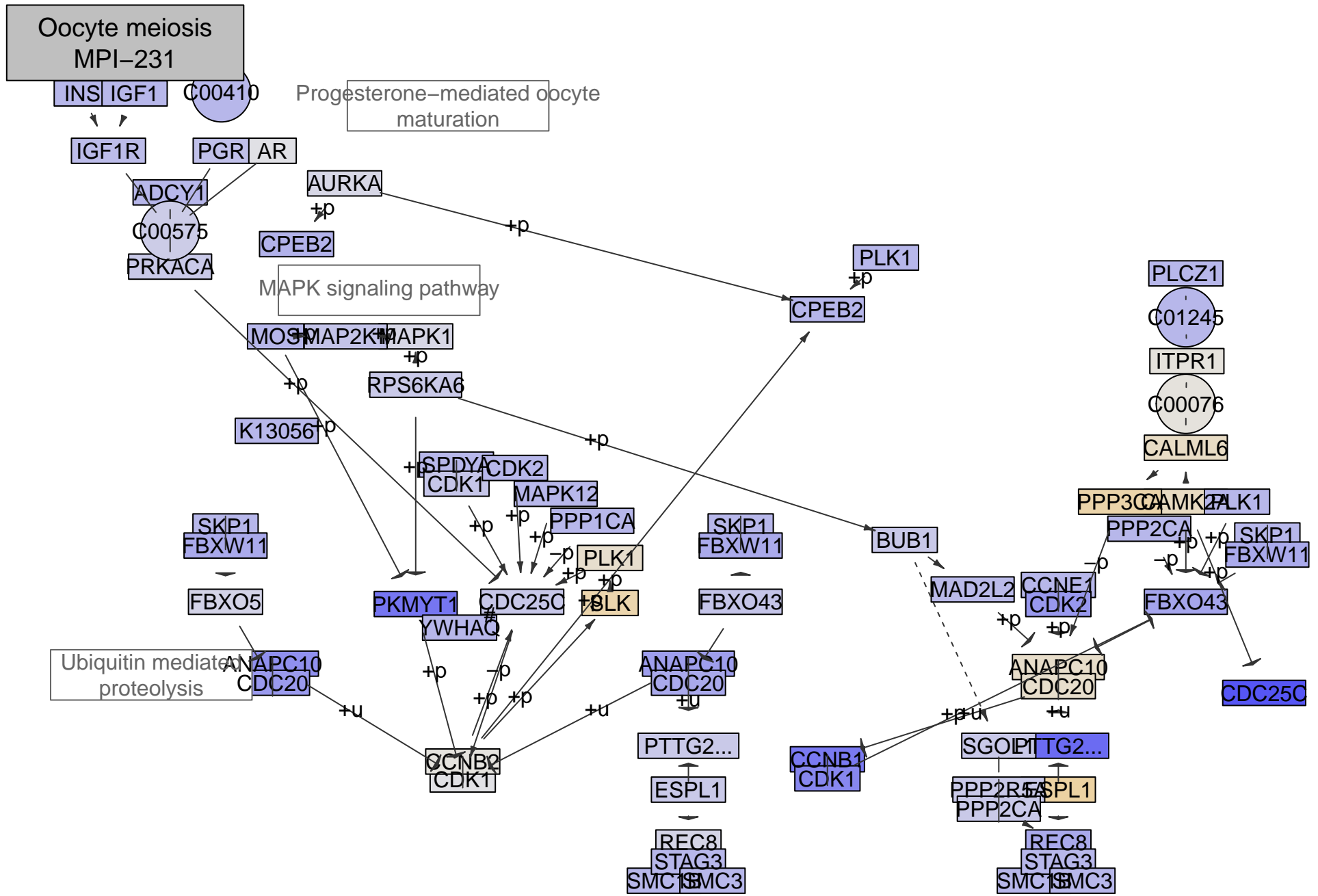


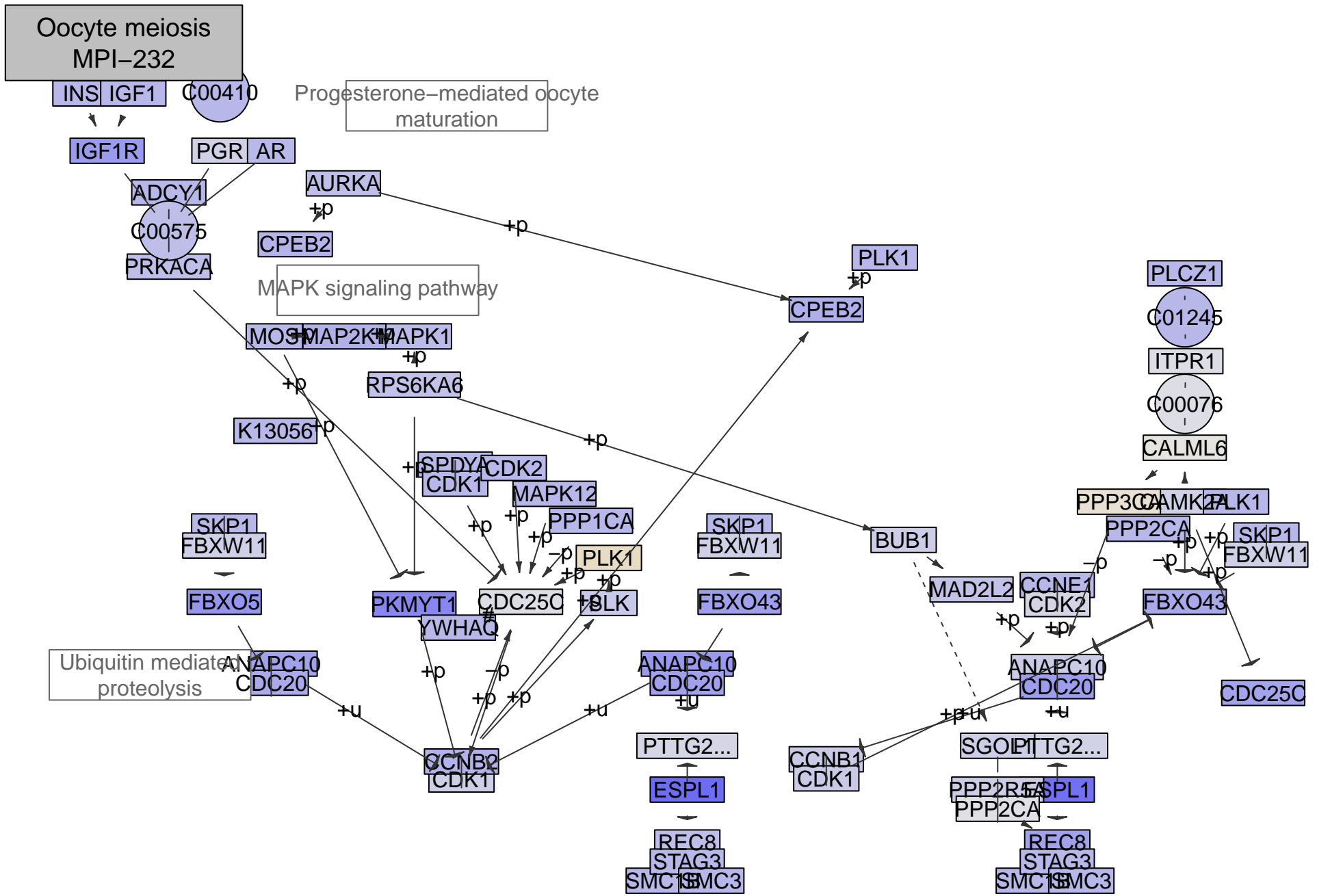


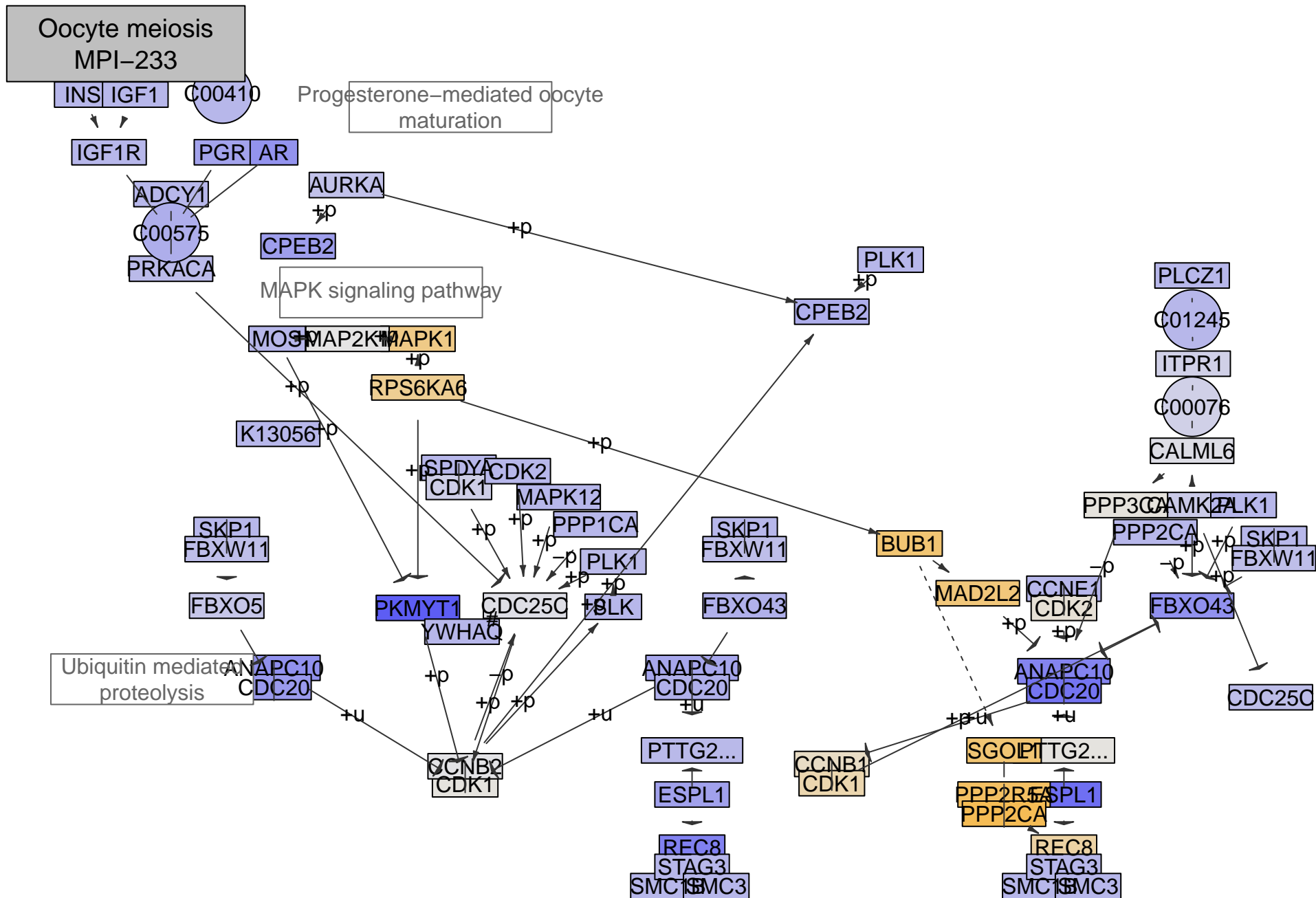


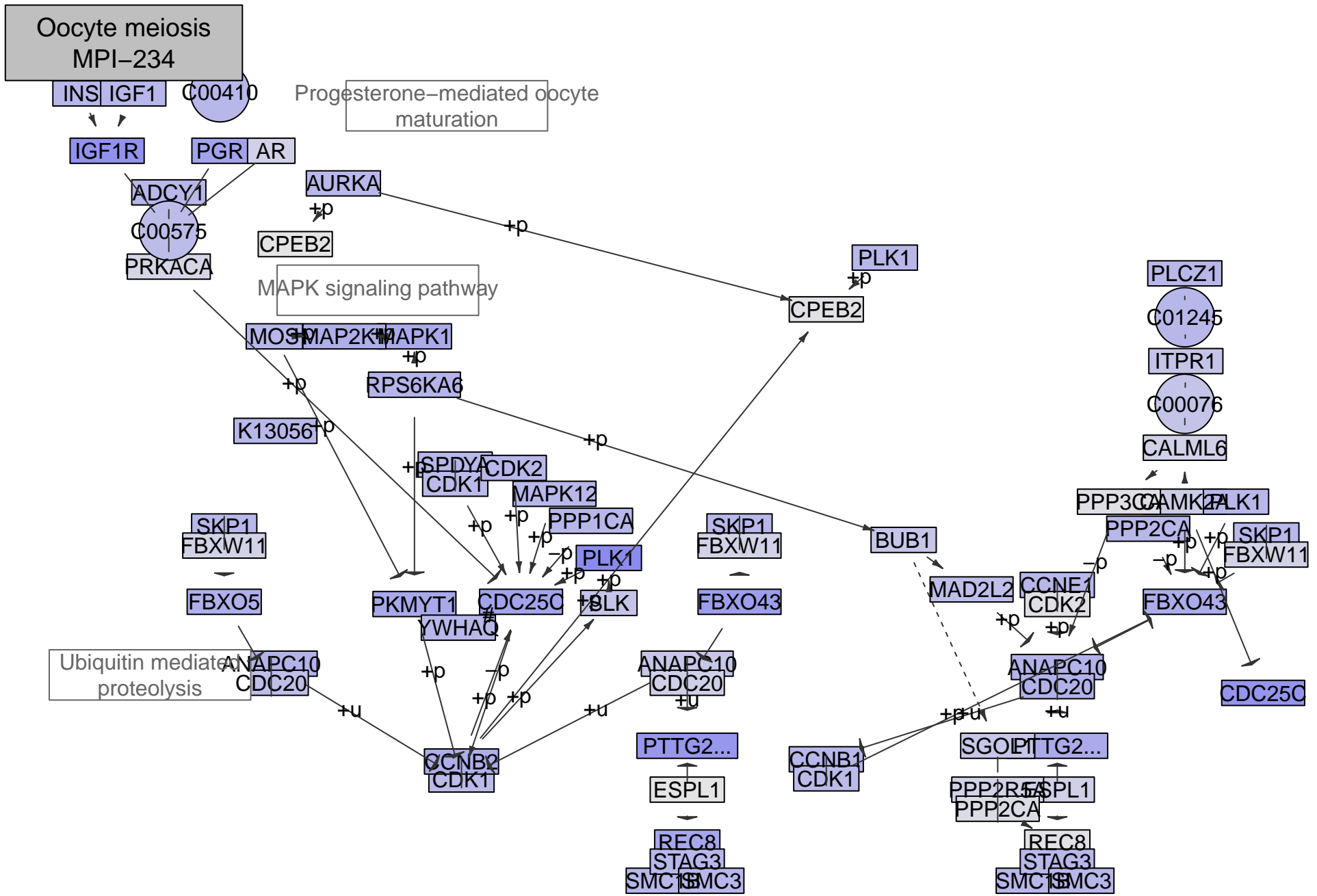


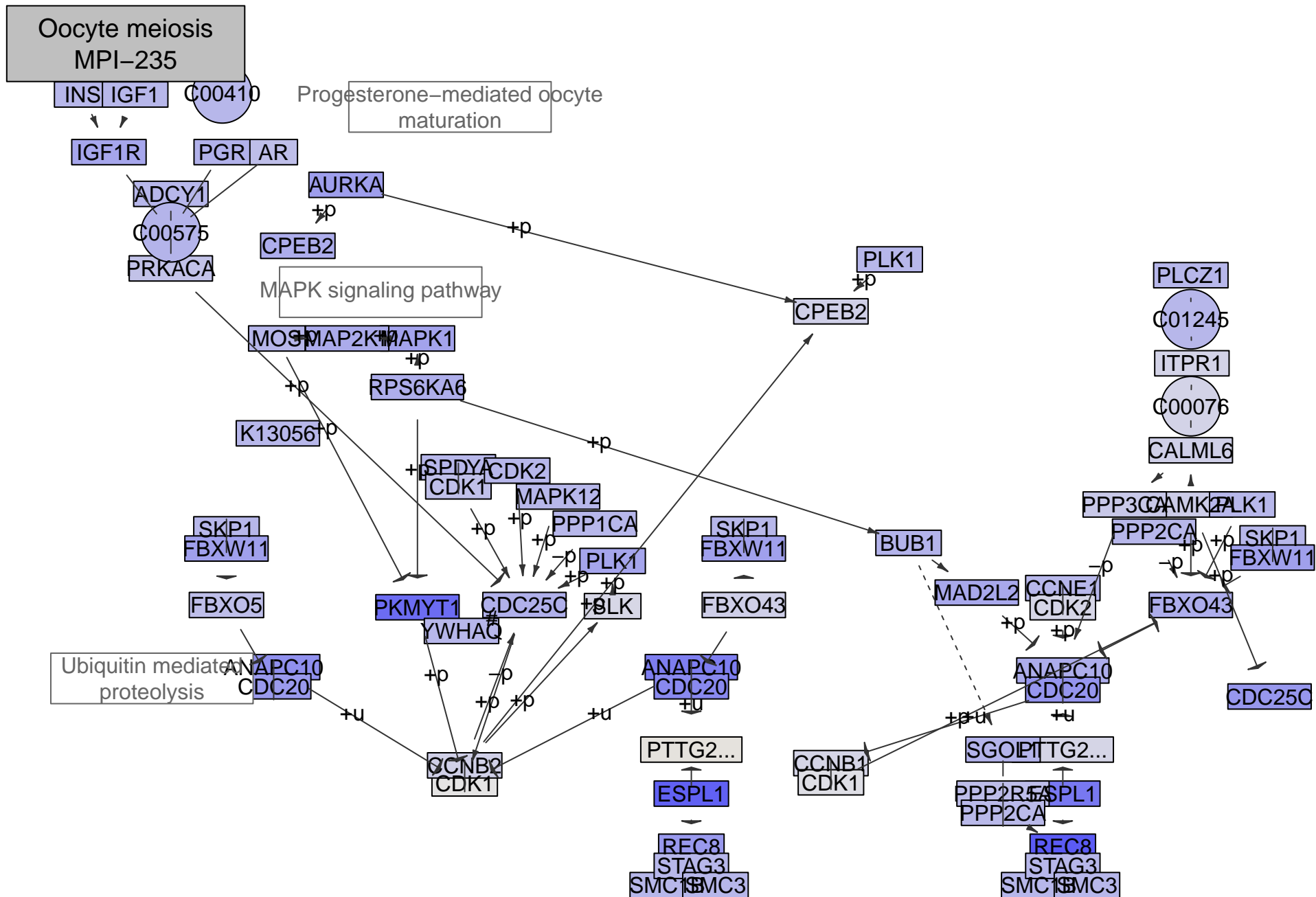












Oocyte meiosis  
MPI-236

INS IGF1 C00410

Progesterone-mediated oocyte  
maturation

IGF1R

PGR AR

ADCY1

AURKA

C00575

CPEB2

PRKACA

MAPK signaling pathway

PLK1

CPEB2

MOS MAP2K1 MAPK1

RPS6KA6

K13056

SPDYA CDK2

CDK1

MAPK12

PPP1CA

PLK1

BLK

SKP1  
FBXW11

FBXO5

PKMYT1

YWHAQ

CDC25C

BLK

SKP1  
FBXW11

FBXO43

Ubiquitin mediated  
proteolysis

ANAPC10  
CDC20

CCNB2  
CDK1

ANAPC10  
CDC20

PTTG2...  
ESPL1

REC8  
STAG3  
SMC1  
SMC3

CCNB1  
CDK1

SGO1 PTTG2...

PPP2R5A  
ESPL1  
PPP2CA

REC8  
STAG3  
SMC1  
SMC3

PLCZ1

C01245

ITPR1

C00076

CALML6

PPP3CA MAPK12 PLK1

PPP2CA

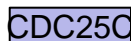
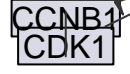
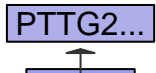
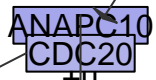
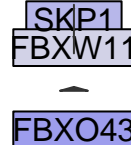
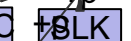
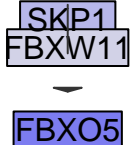
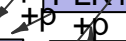
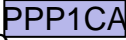
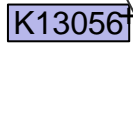
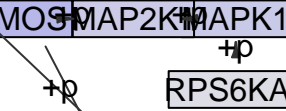
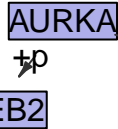
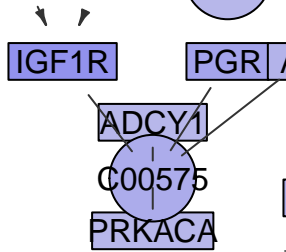
SKP1  
FBXW11

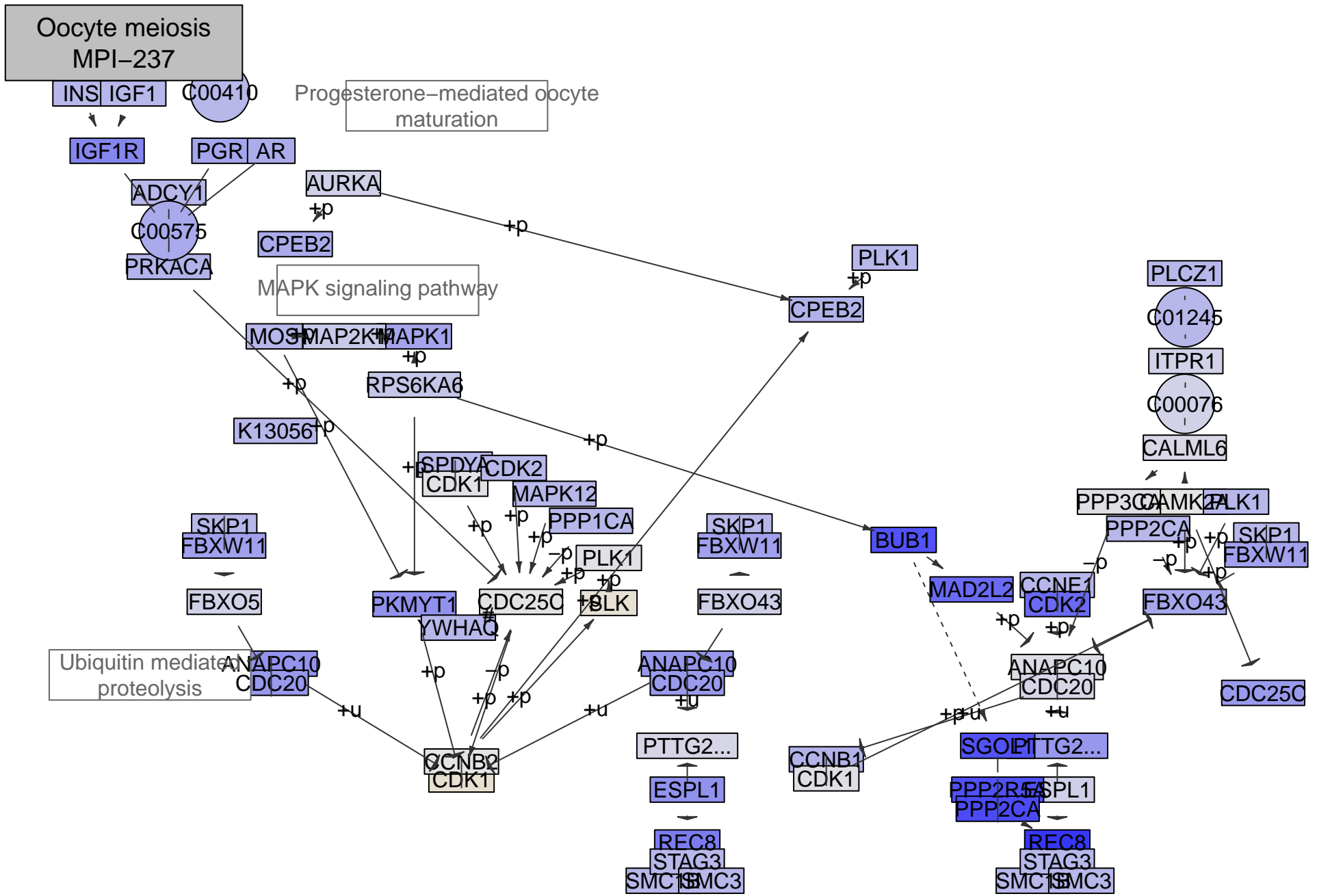
MAD2L2

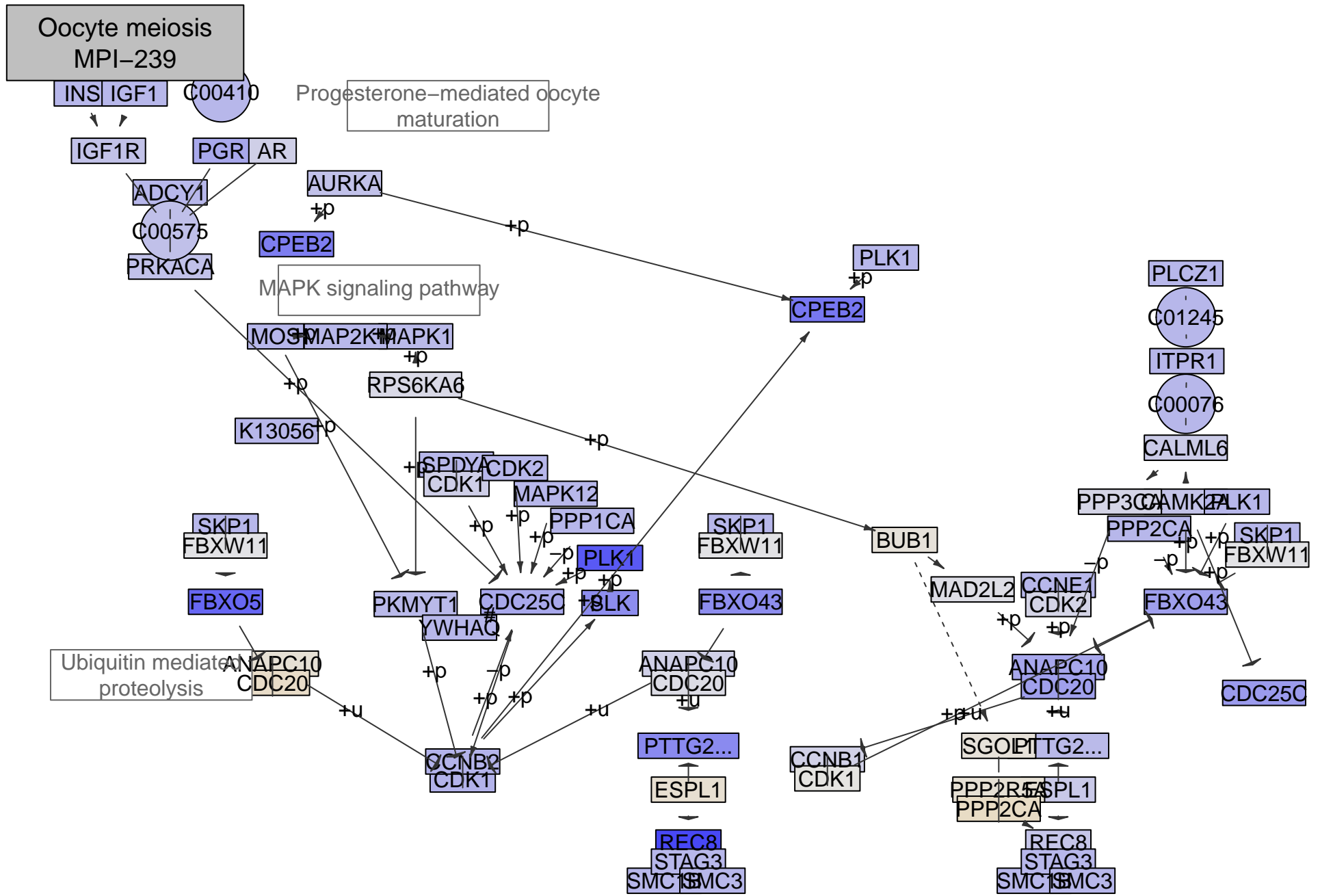
CCNE1  
CDK2

FBXO43

CDC25C













Oocyte meiosis  
MPI-244

Progesterone-mediated oocyte  
maturation

MAPK signaling pathway

Ubiquitin mediated  
proteolysis

