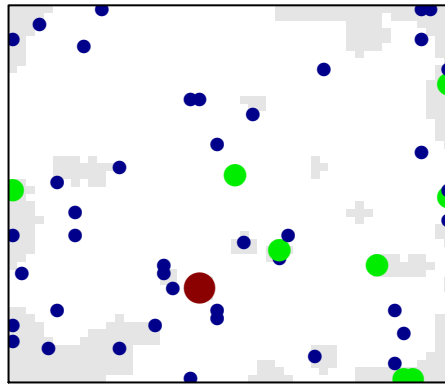


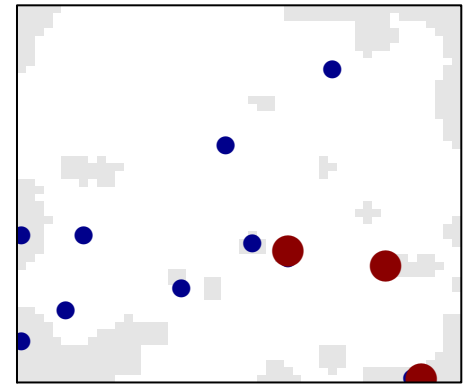
# Aldosterone-regulated sodium reabsorption

## all genes

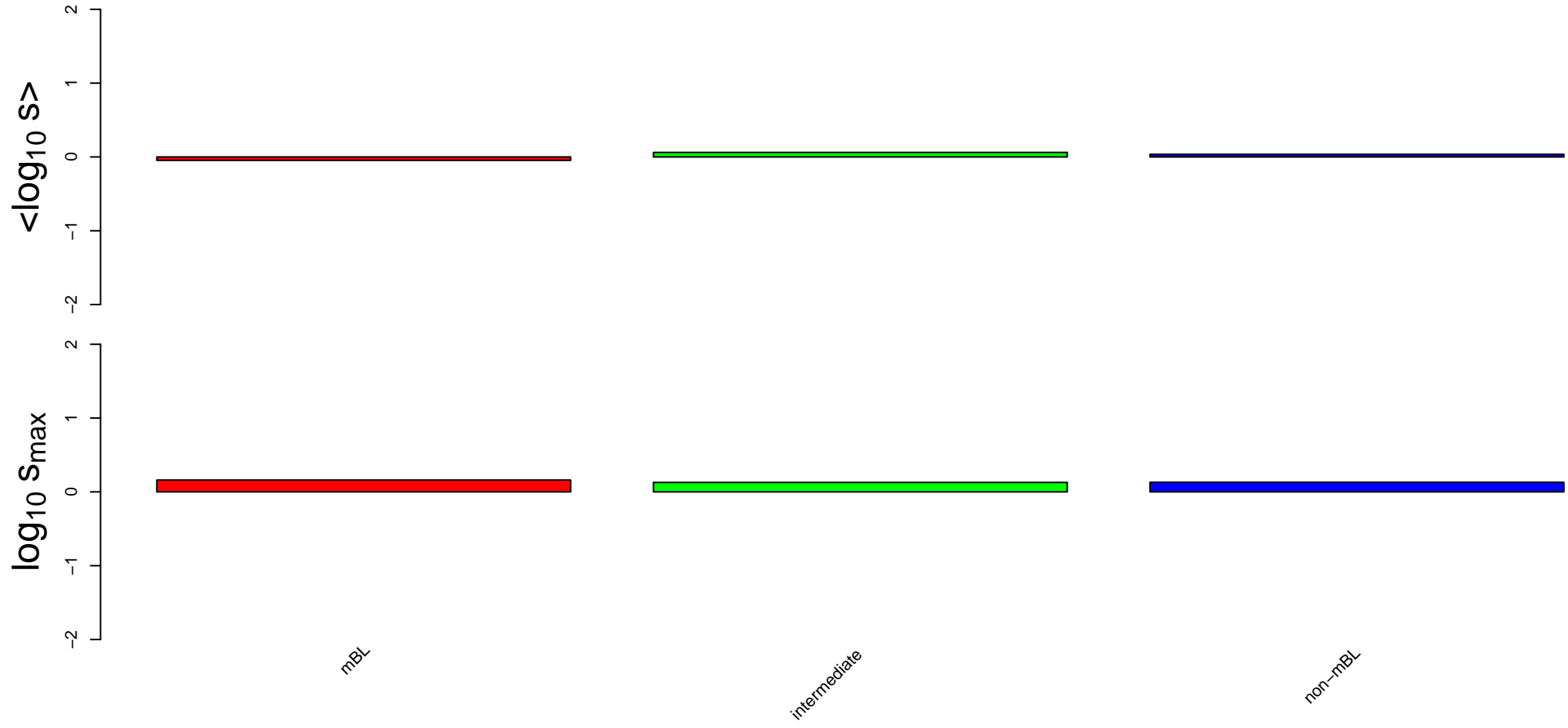


maximum = 3

## sink node genes



maximum = 2



Aldosterone-regulated sodium reabsorption (genes with data)

Tight junction

C00698

Steroid hormone biosynthesis

C00762

HSD11B2

C00735

C01780

NR3C2

KCNJ1

C00238

SLC9A3R2

PRKCA

C00575

SGK1

MAPK1

FXYP4

C01330

SCNN1A

+p

PDPK1

+p

KRAS

C00238

ATP1B4...

C01330

+u

NEDD4L

SFN

C05981

PIK3R5

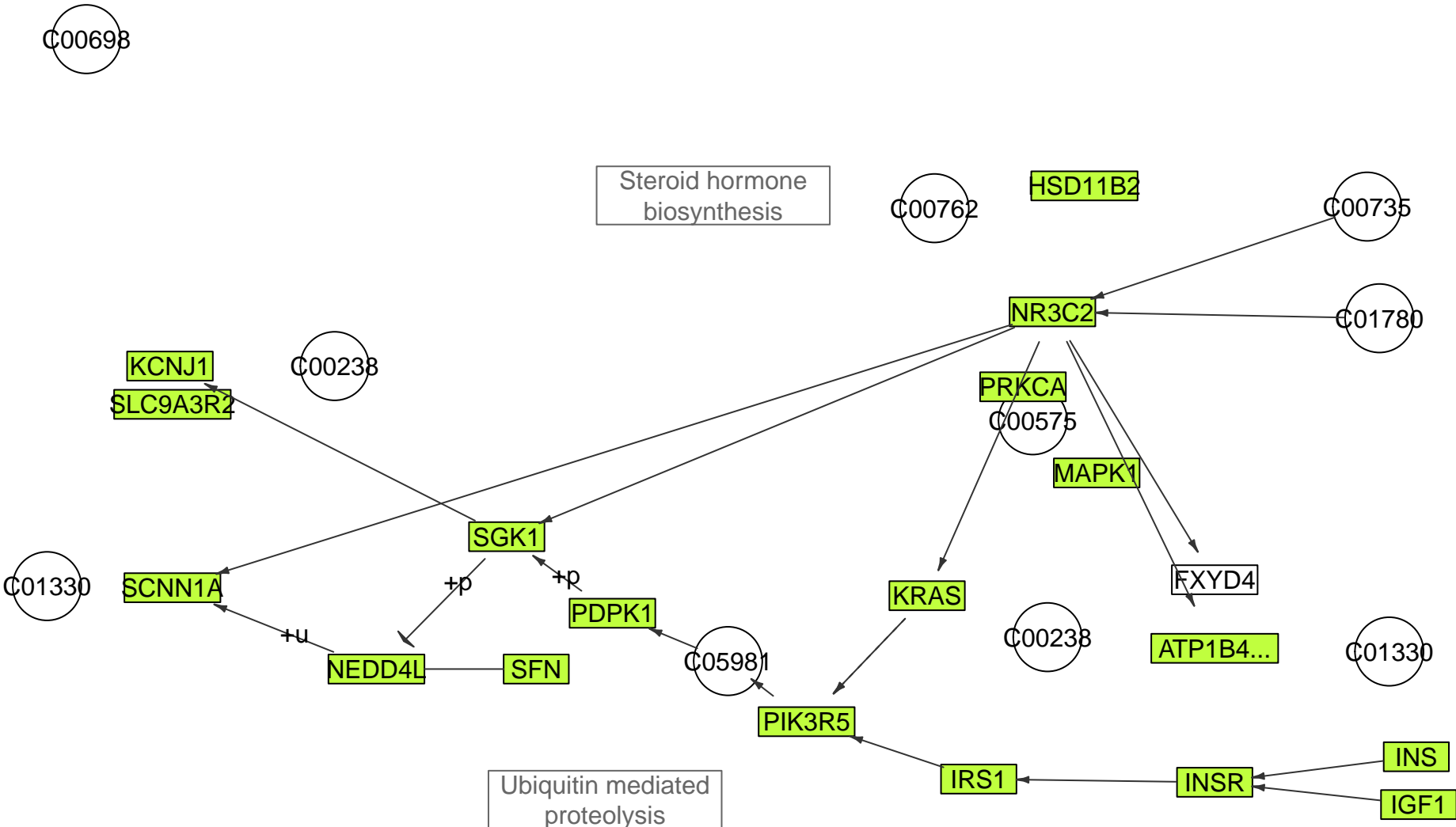
Ubiquitin mediated proteolysis

IRS1

INSR

INS

IGF1



Aldosterone-regulated sodium reabsorption (sink nodes)

Tight junction

C00698

Steroid hormone biosynthesis

C00762

HSD11B2

C00735

C01780

NR3C2

KCNJ1  
SLC9A3R2

C00238

SGK1

PRKCA  
C00575

MAPK1

FXJD4

C01330

SCNN1A

+p

PDPK1

+p

C05981

KRAS

C00238

ATP1B4...

C01330

NEDD4L

SFN

PIK3R5

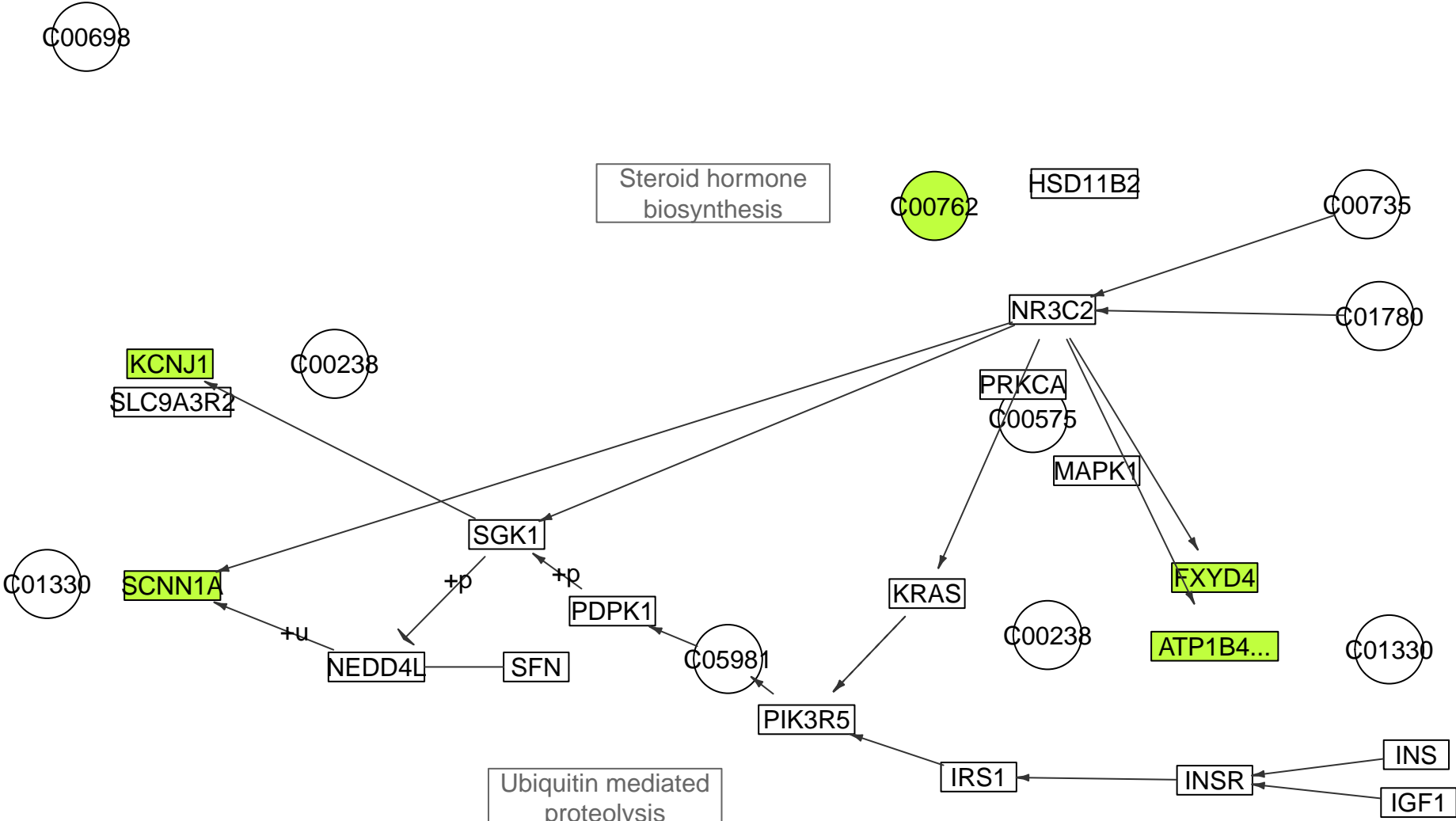
IRS1

INSR

INS

IGF1

Ubiquitin mediated proteolysis



Aldosterone-regulated sodium reabsorption mBL

Tight junction

C00698

Steroid hormone biosynthesis

C00762

HSD11B2

C00735

C01780

NR3C2

KCNJ1  
SLC9A3R2

C00238

PRKCA  
C00575

MAPK1

SGK1

C01330

SCNN1A

+p

PDPK1

C05981

KRAS

C00238

FXRD4

ATP1B4...

C01330

NEDD4L

SFN

+u

PIK3R5

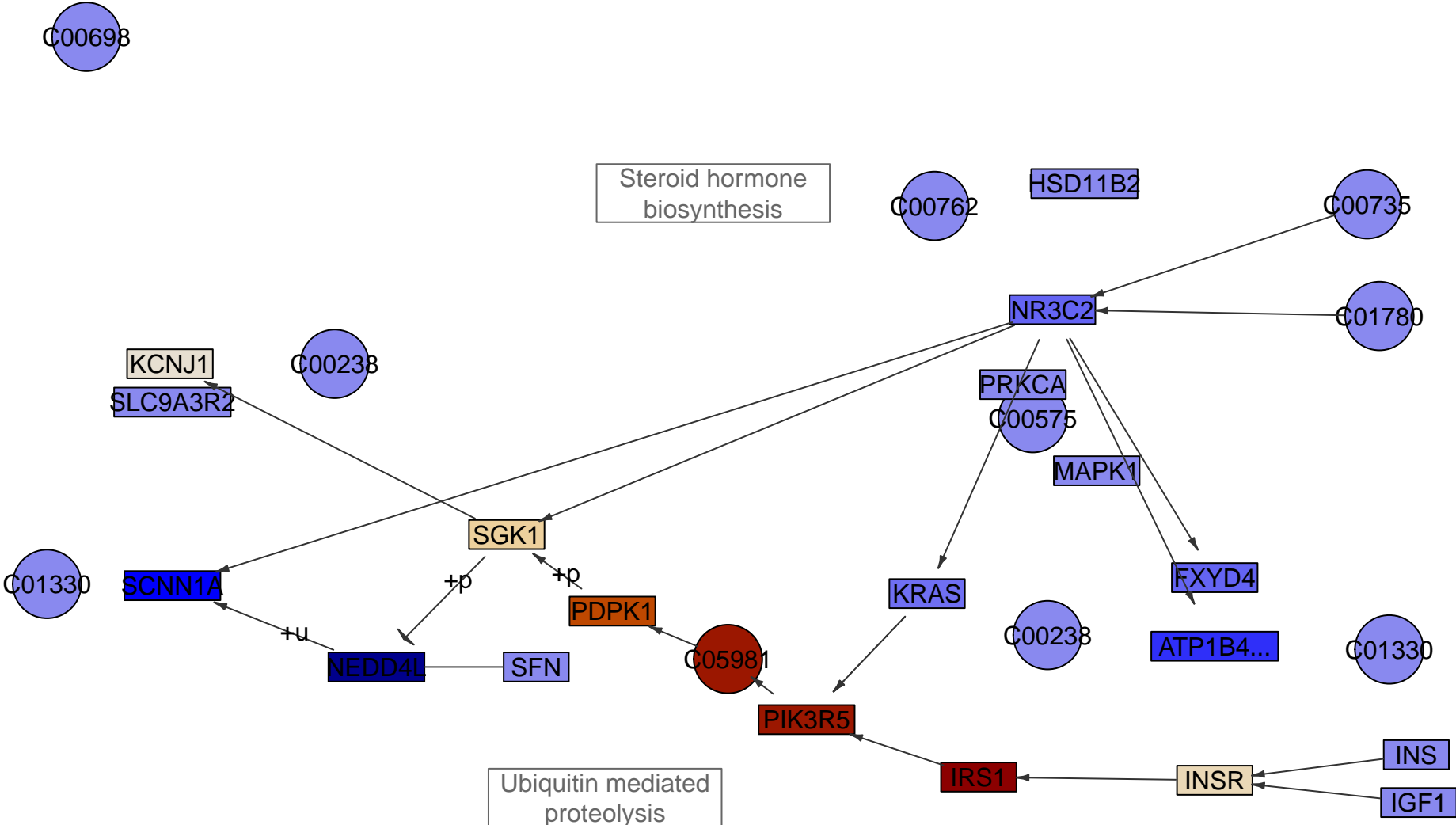
IRS1

INSR

INS

IGF1

Ubiquitin mediated proteolysis



Aldosterone-regulated sodium reabsorption intermediate

Tight junction

C00698

Steroid hormone biosynthesis

C00762

HSD11B2

C00735

C01780

NR3C2

KCNJ1

C00238

SLC9A3R2

PRKCA

C00575

MAPK1

SGK1

C01330

SCNN1A

+p

PDPK1

C05981

KRAS

C00238

FXRD4

ATP1B4...

C01330

NEDD4L

SFN

PIK3R5

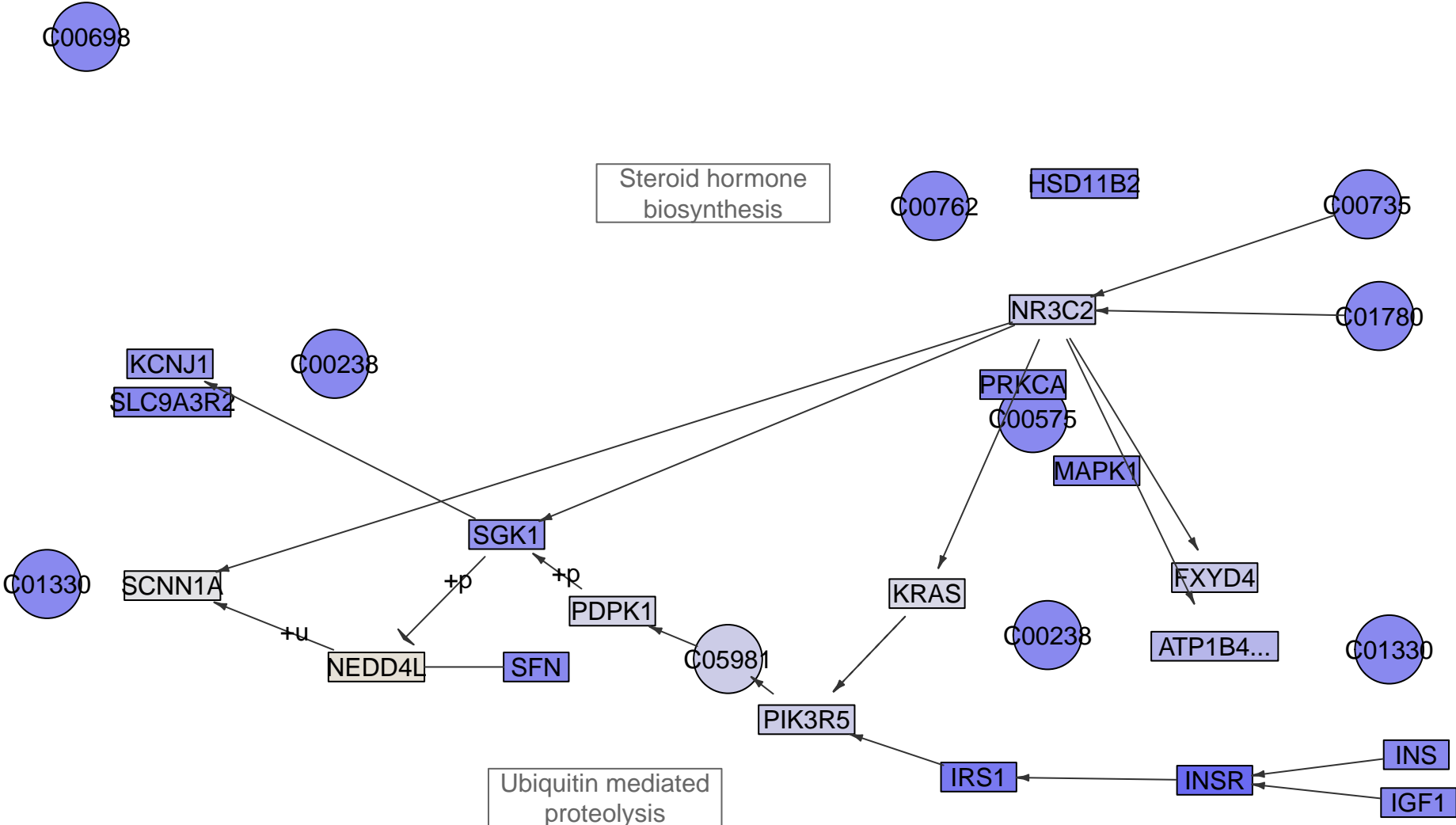
IRS1

INSR

INS

IGF1

Ubiquitin mediated proteolysis



Aldosterone-regulated sodium reabsorption non-mBL

Tight junction

C00698

Steroid hormone biosynthesis

C00762

HSD11B2

C00735

C01780

NR3C2

KCNJ1

C00238

SLC9A3R2

PRKCA

C00575

MAPK1

SGK1

FXVD4

C01330

SCNN1A

+p

PDPK1

KRAS

C00238

ATP1B4...

C01330

+u

NEDD4L

SFN

C05981

PIK3R5

Ubiquitin mediated proteolysis

IRS1

INSR

INS

IGF1

