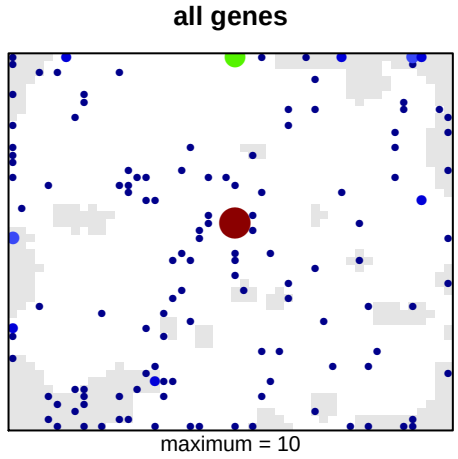
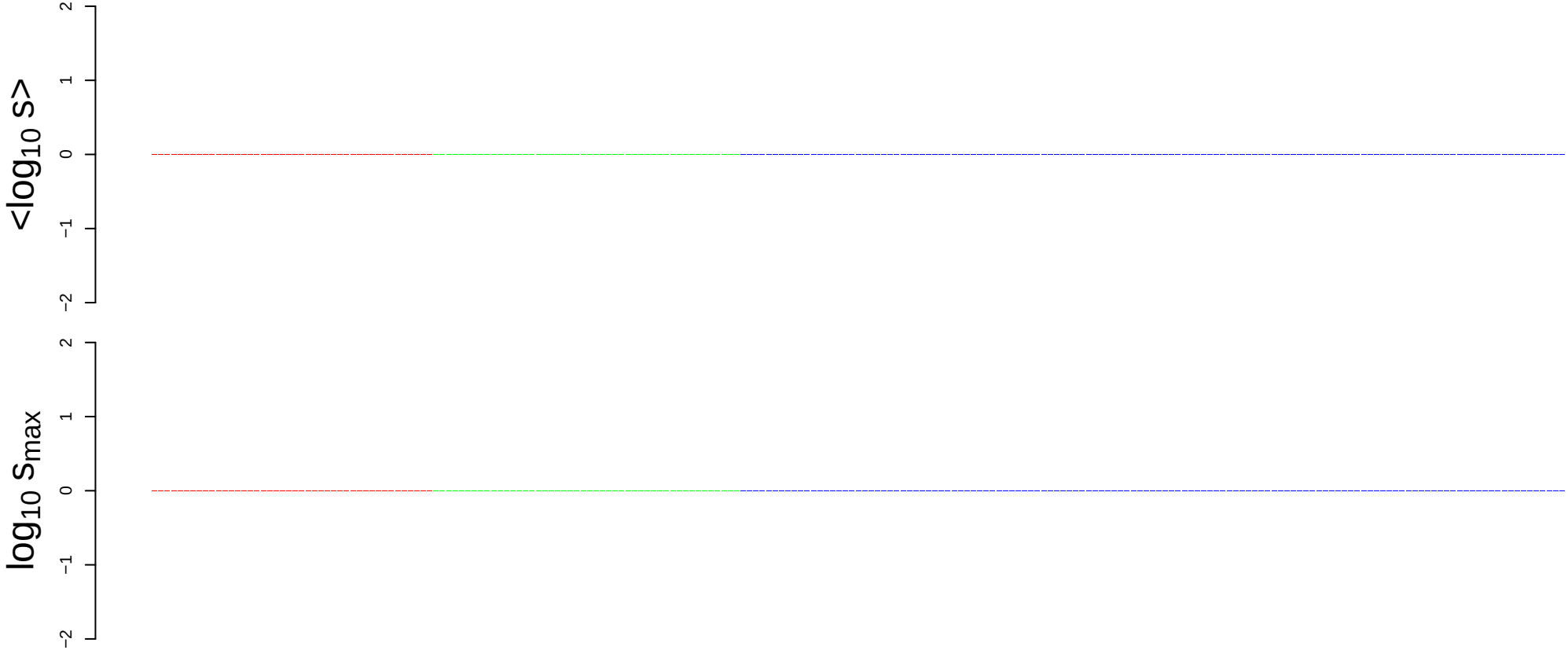
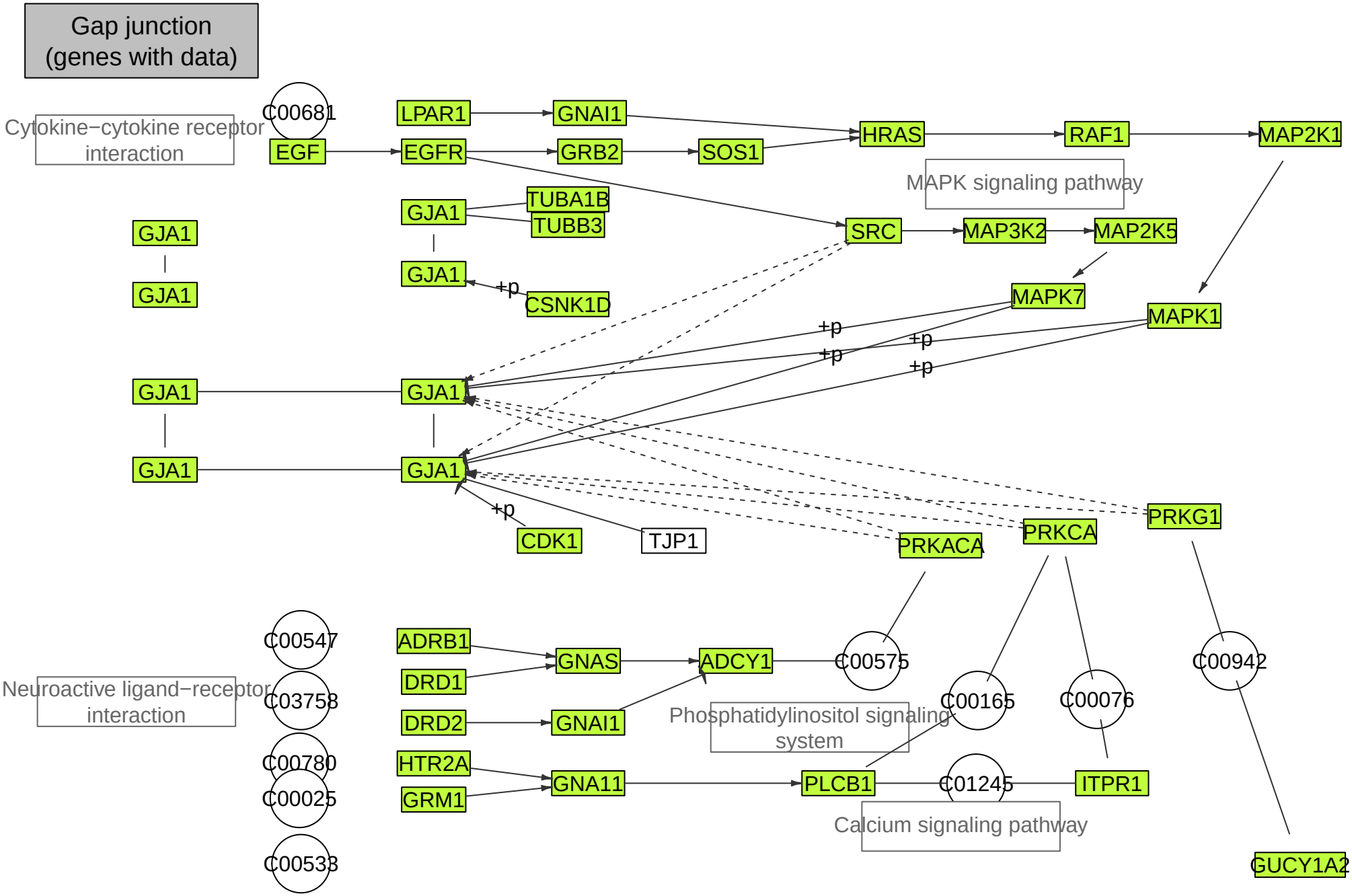
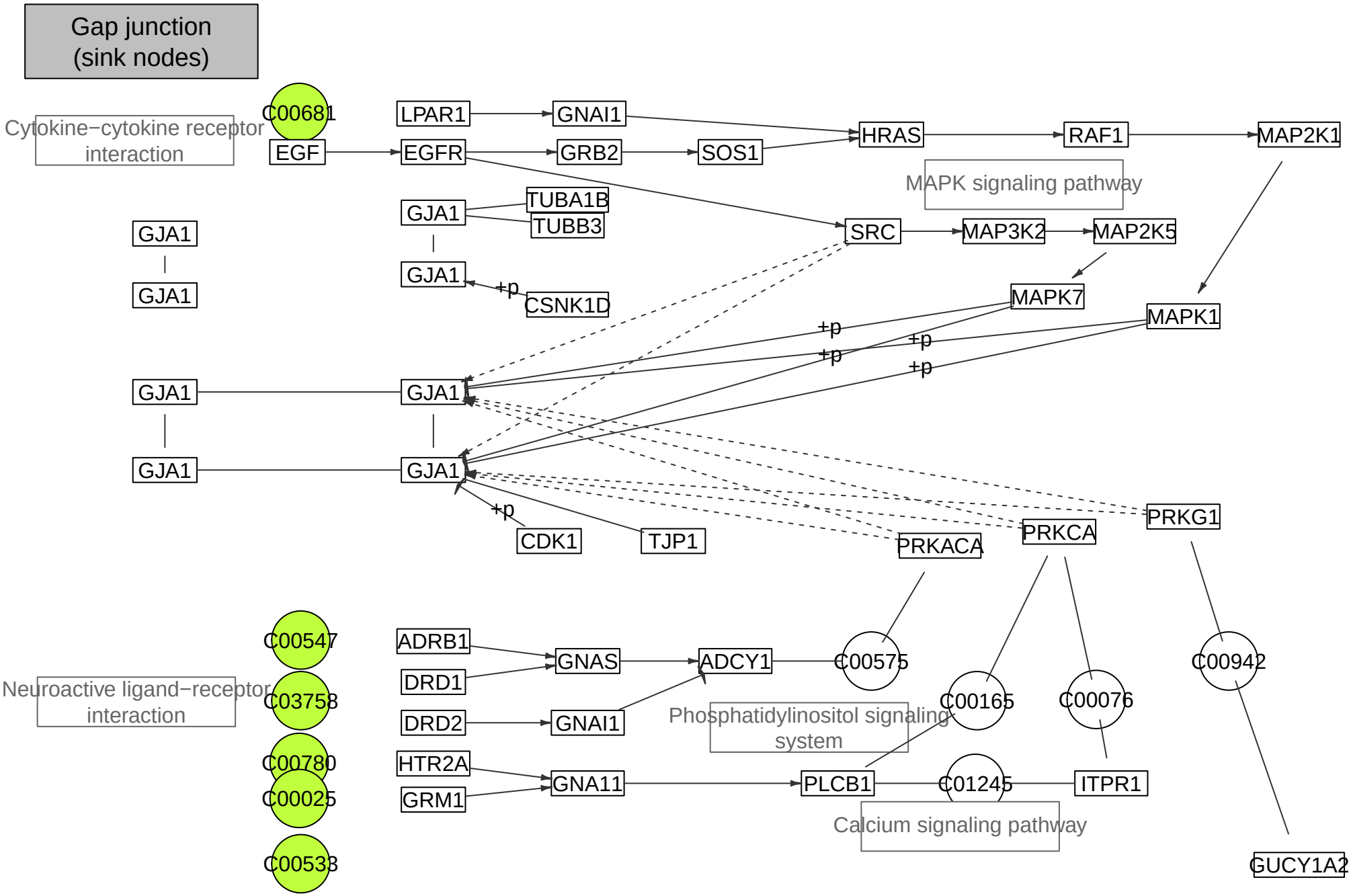
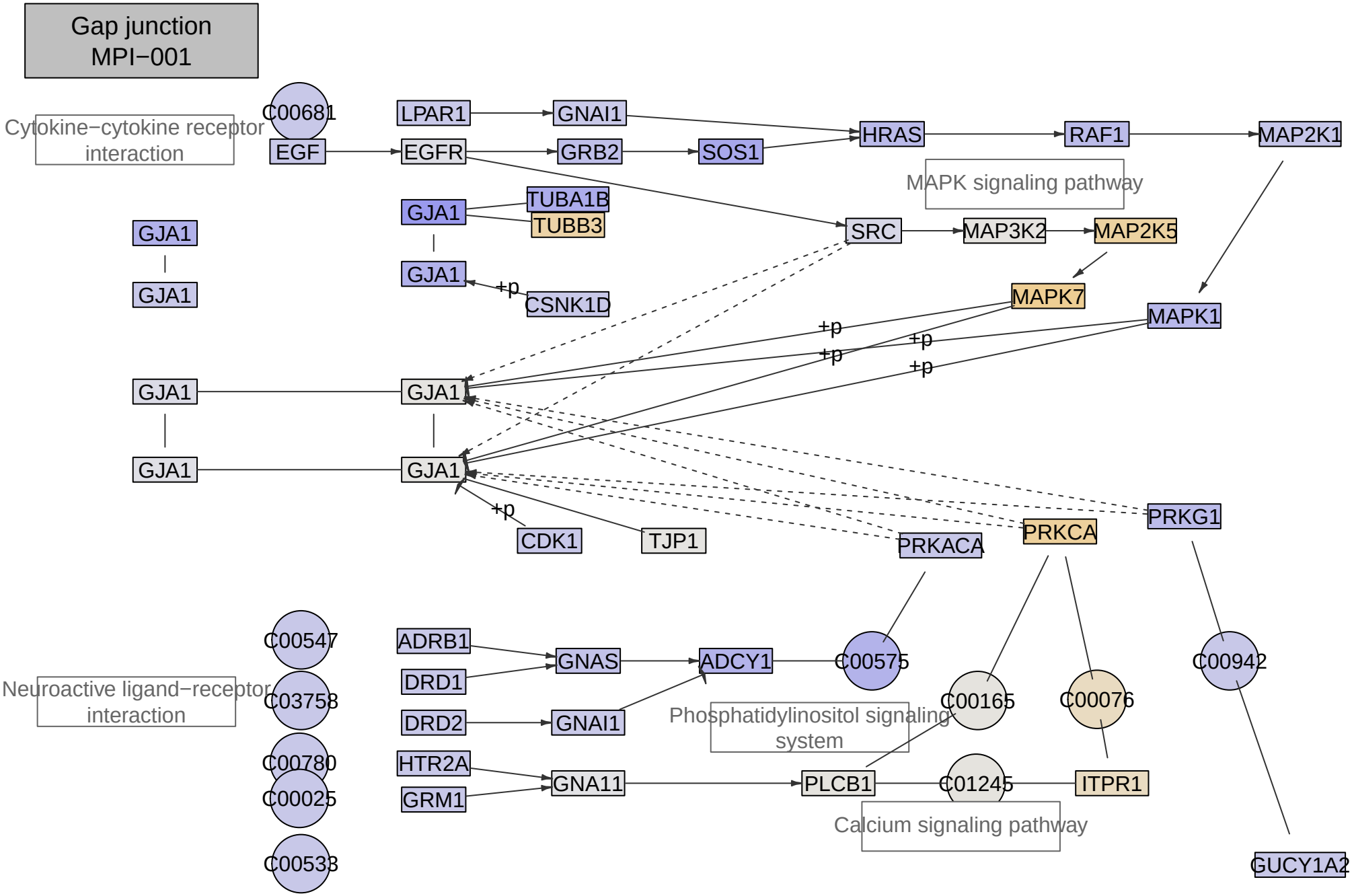
Gap junction

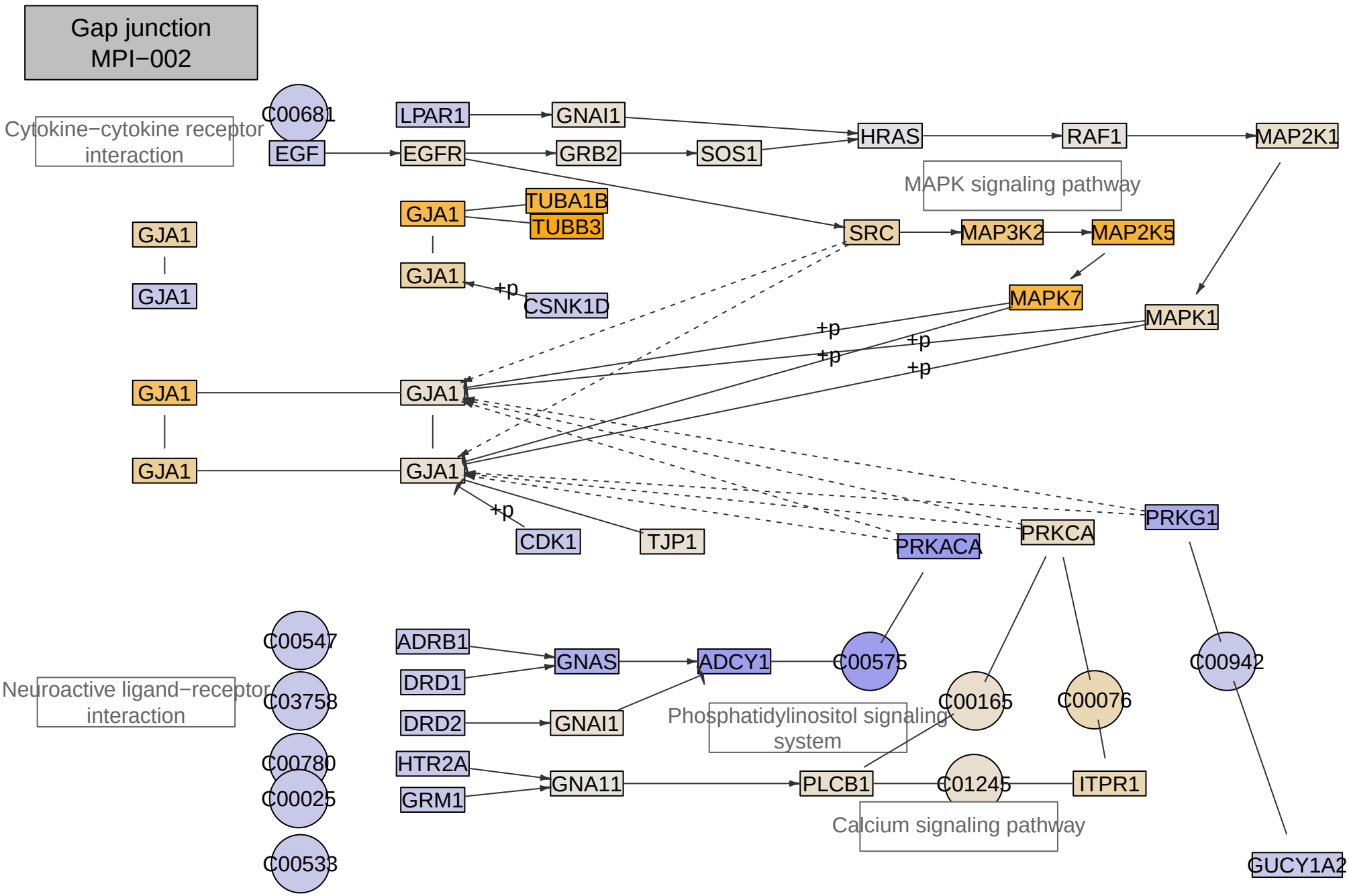


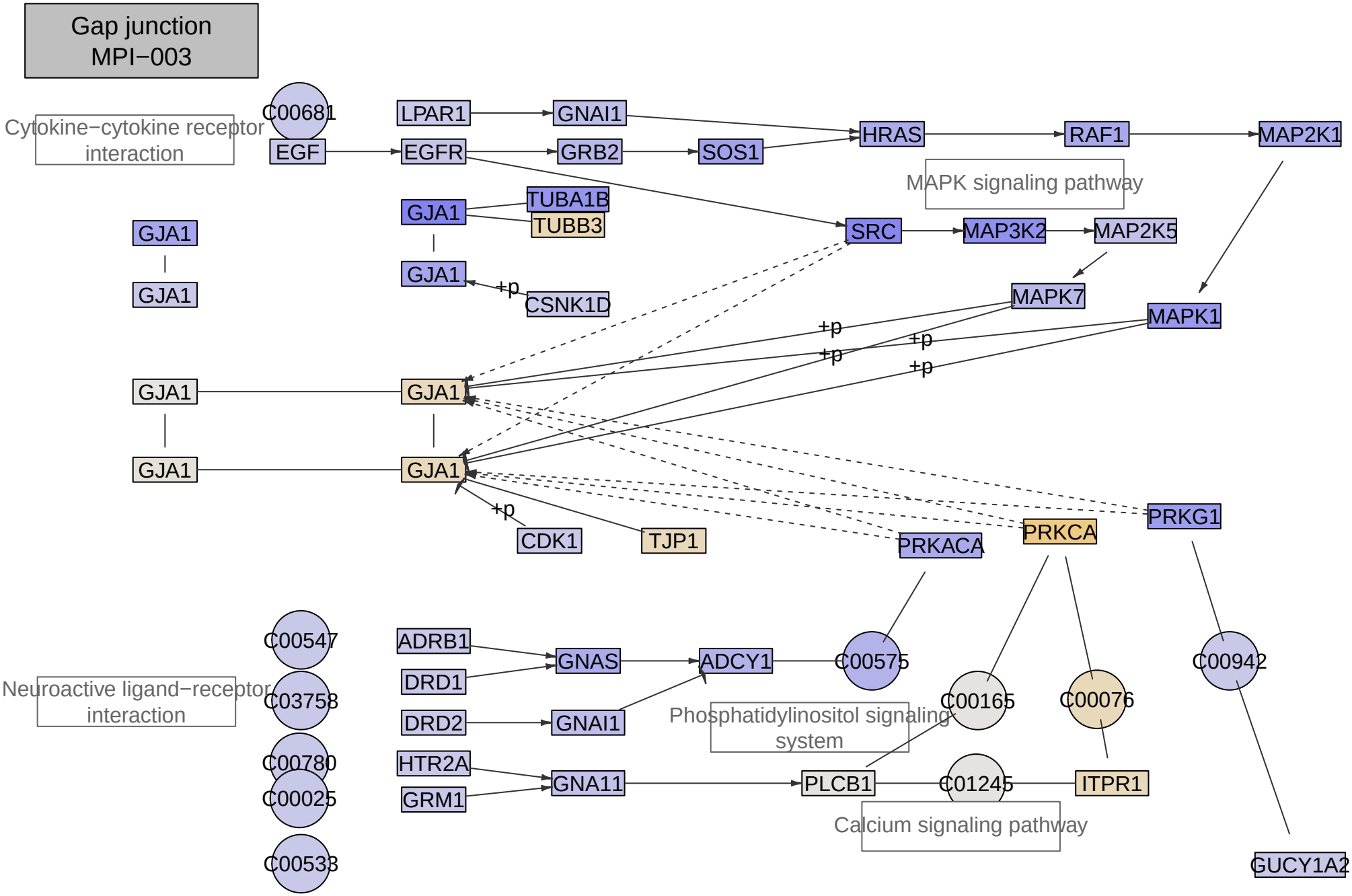


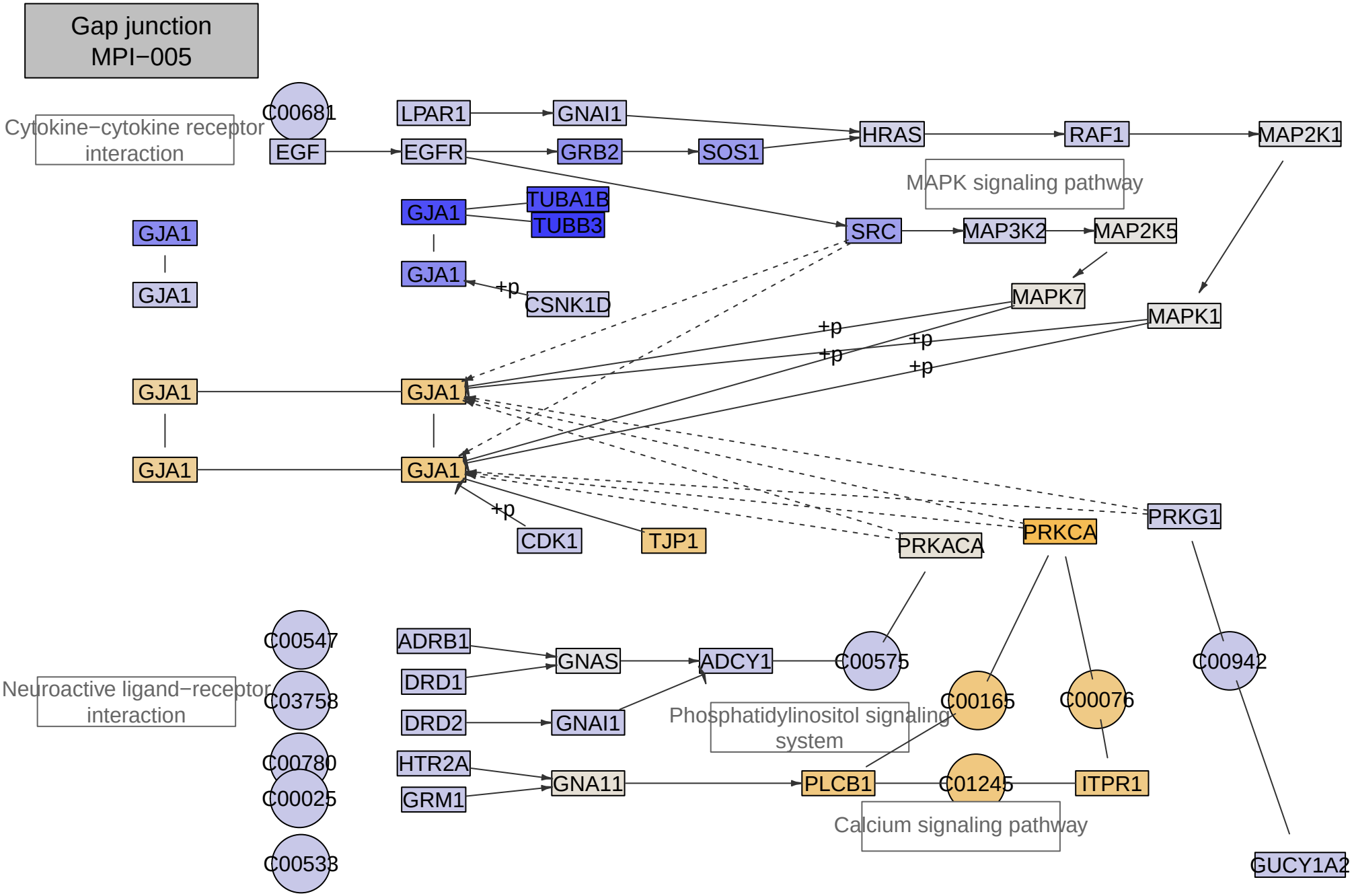

Gap junction
(genes with data)
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

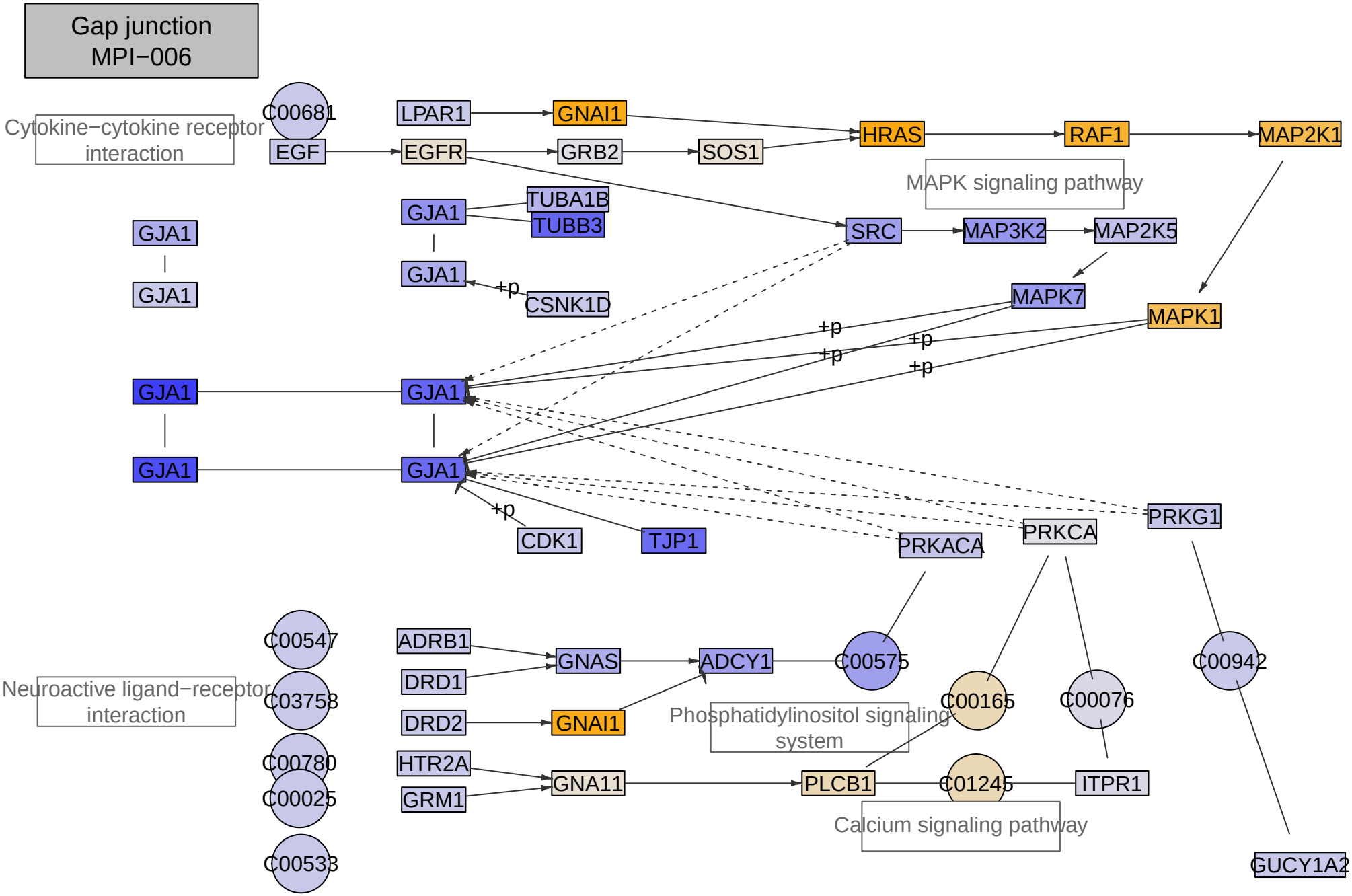

Gap junction
(sink nodes)
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

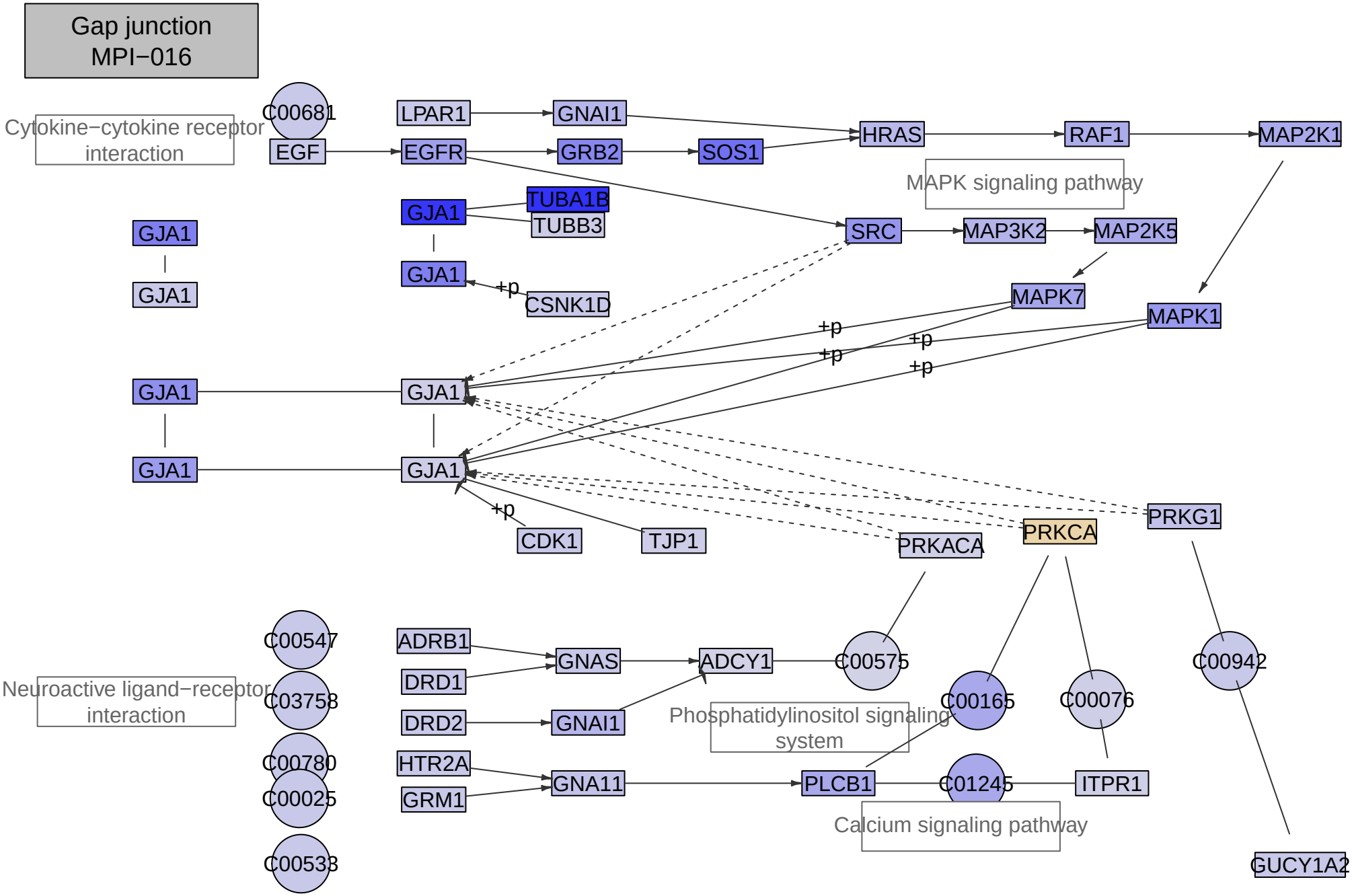

Gap junction
MPI−001
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

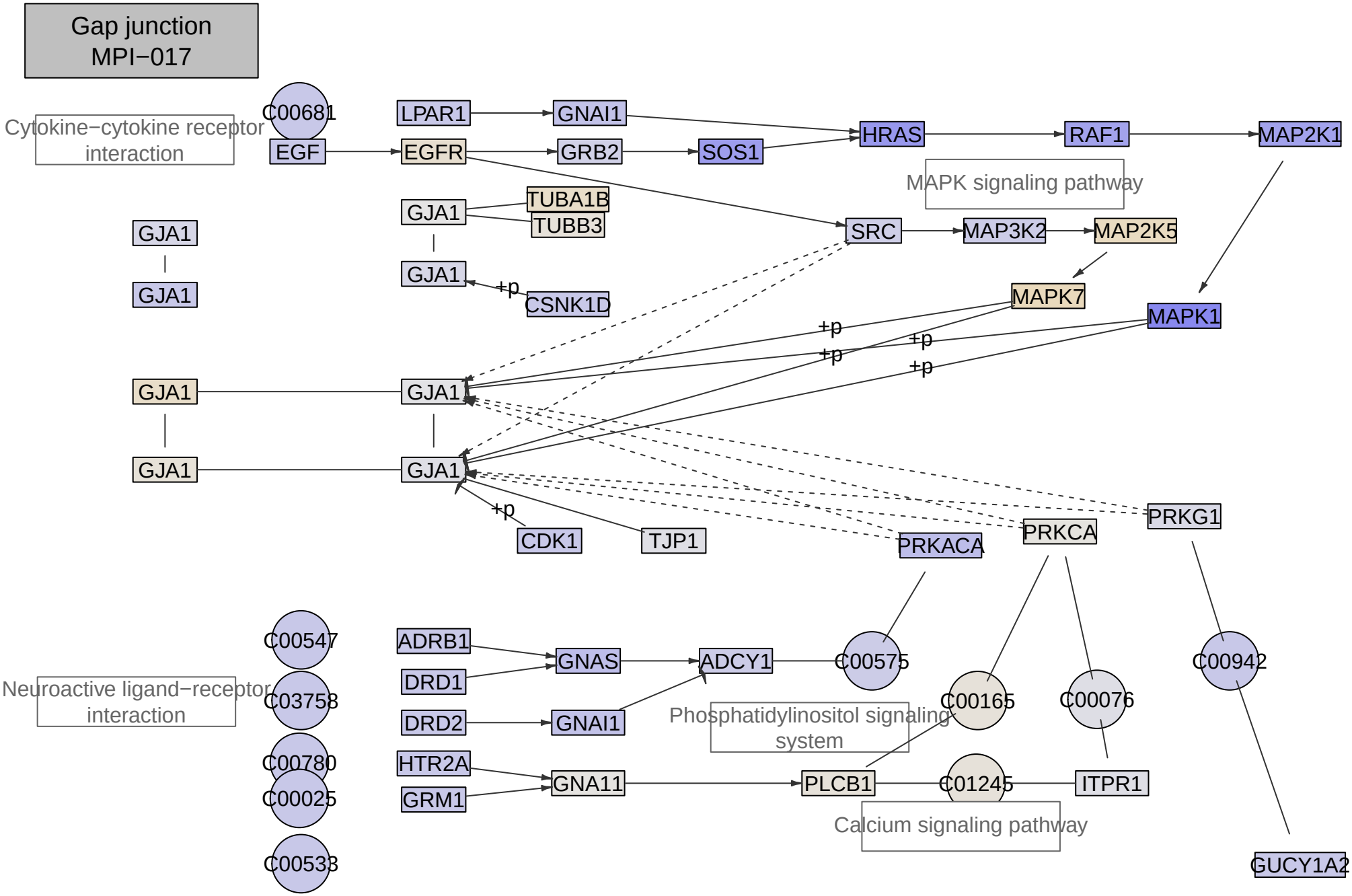

Gap junction
MPI−002
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

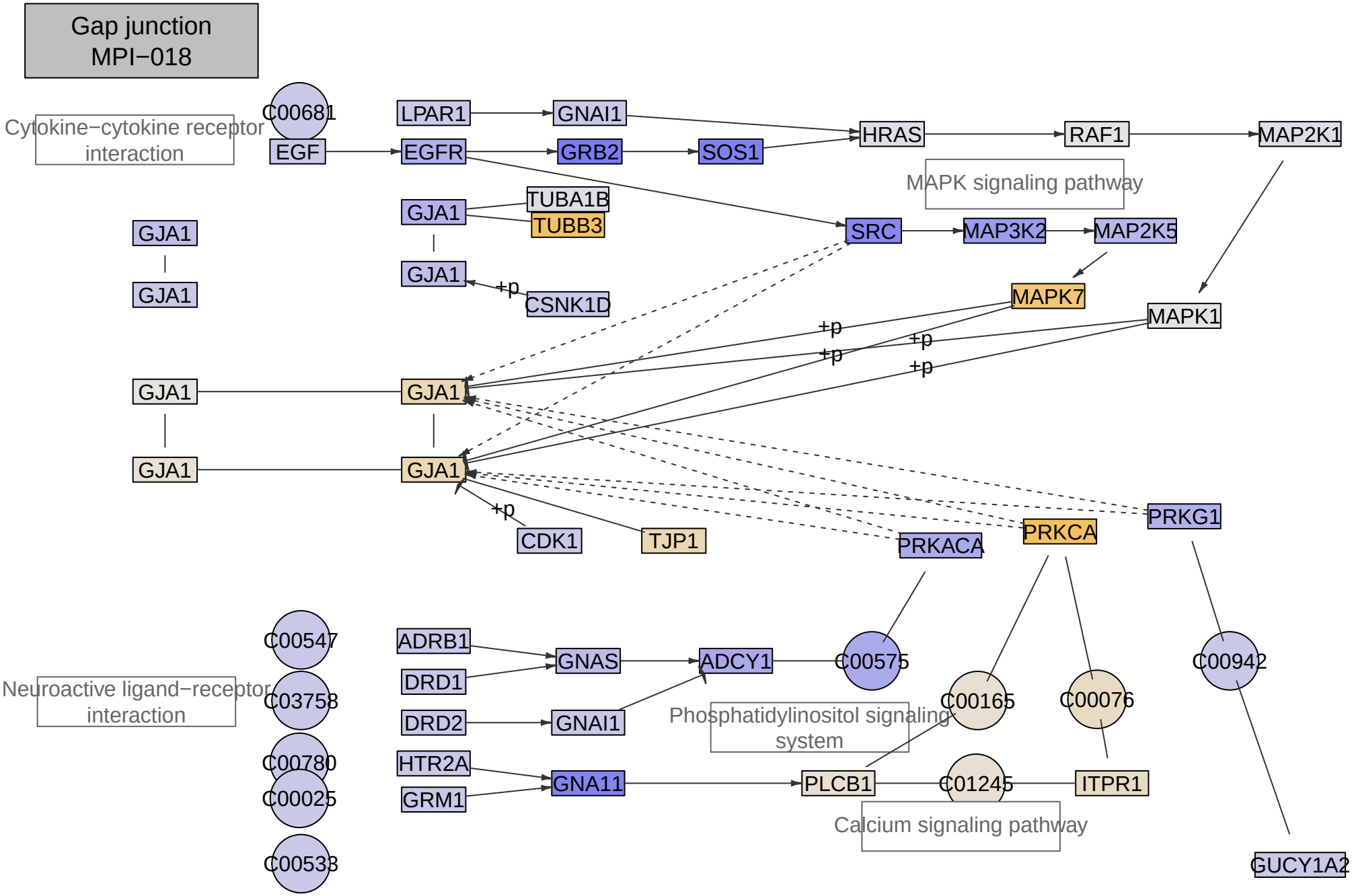

Gap junction
MPI−003
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

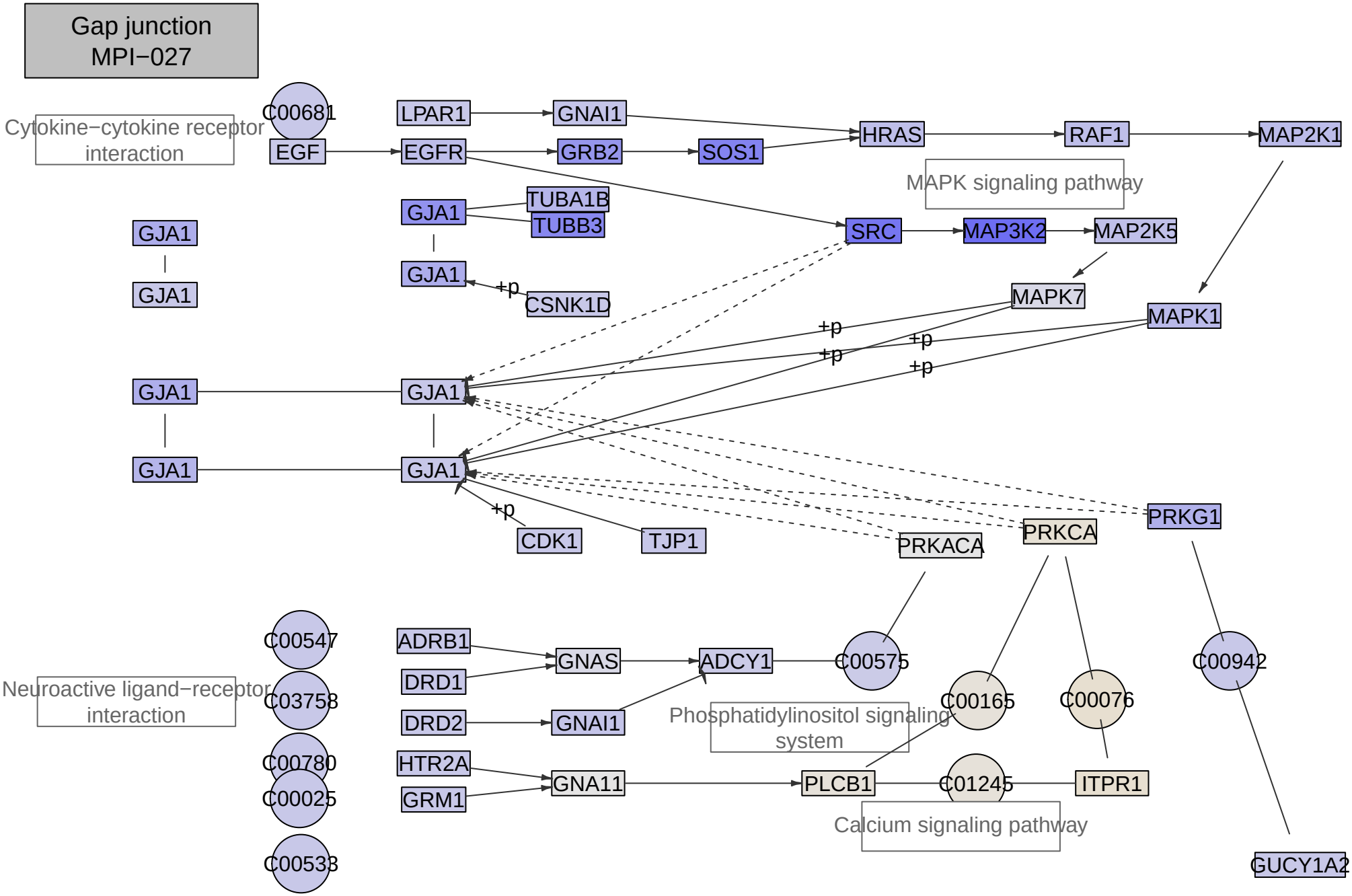

Gap junction
MPI−005
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

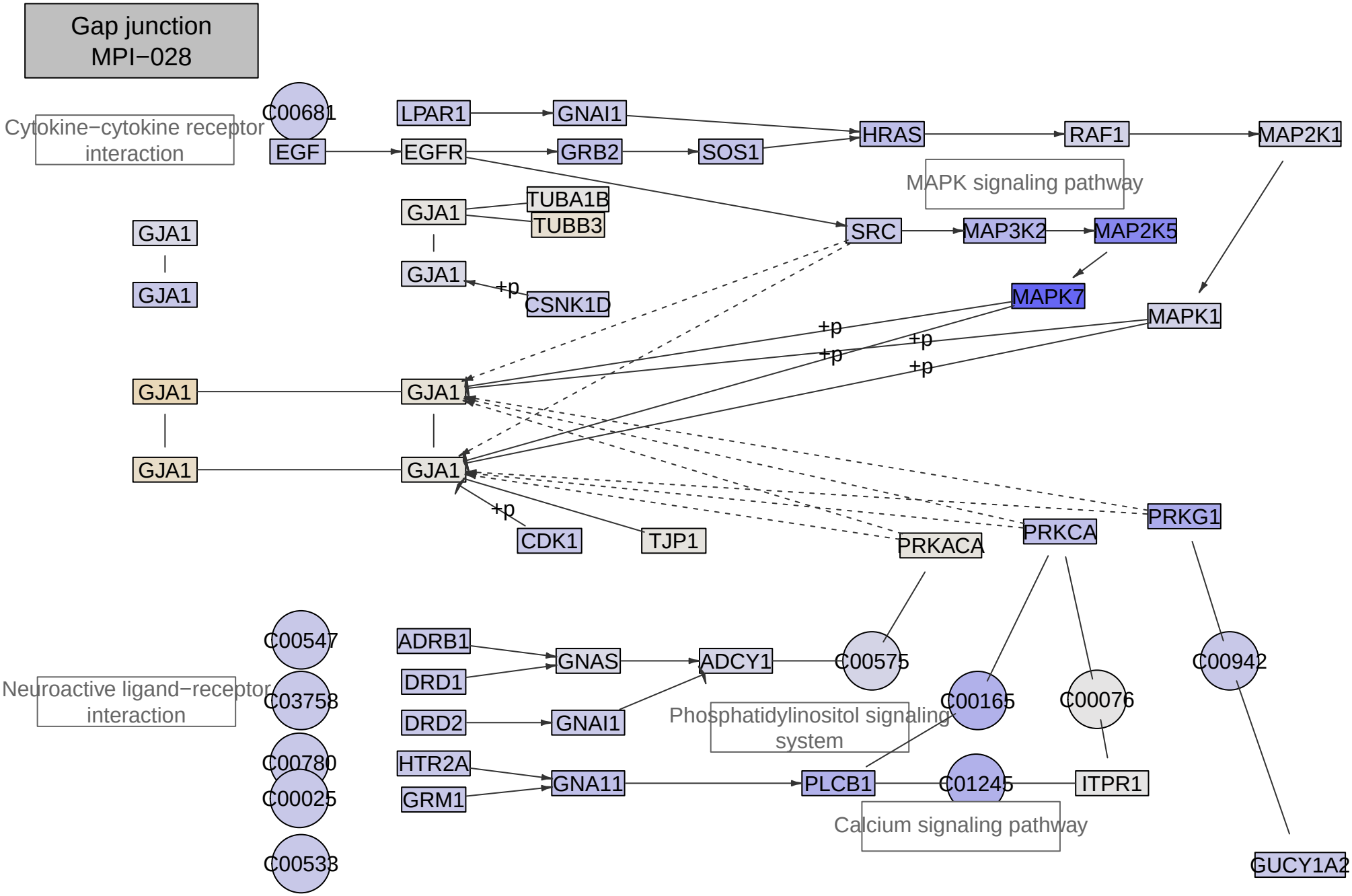

Gap junction
MPI−006
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

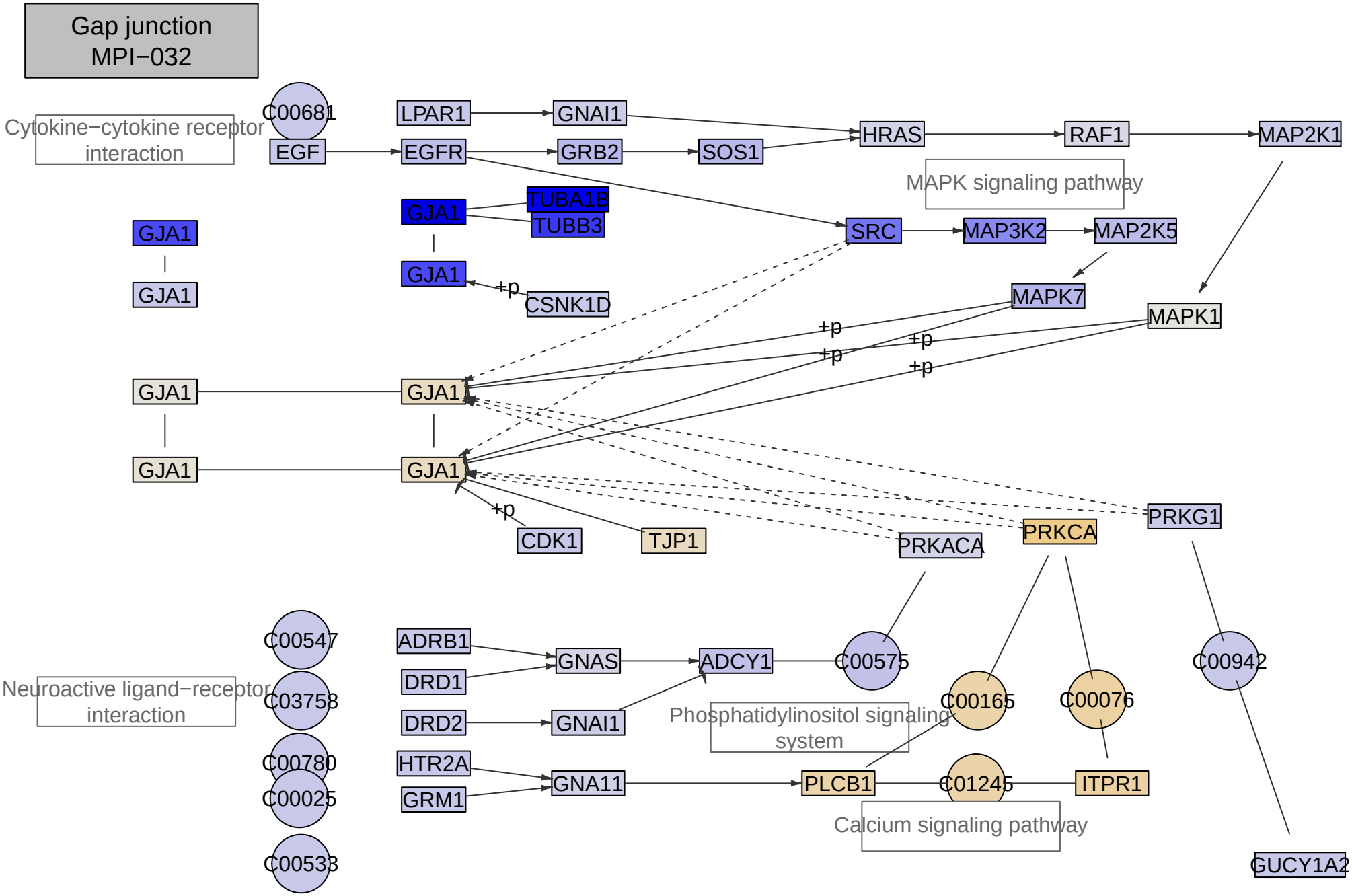

Gap junction
MPI−016
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00942
GUCY1A2
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway

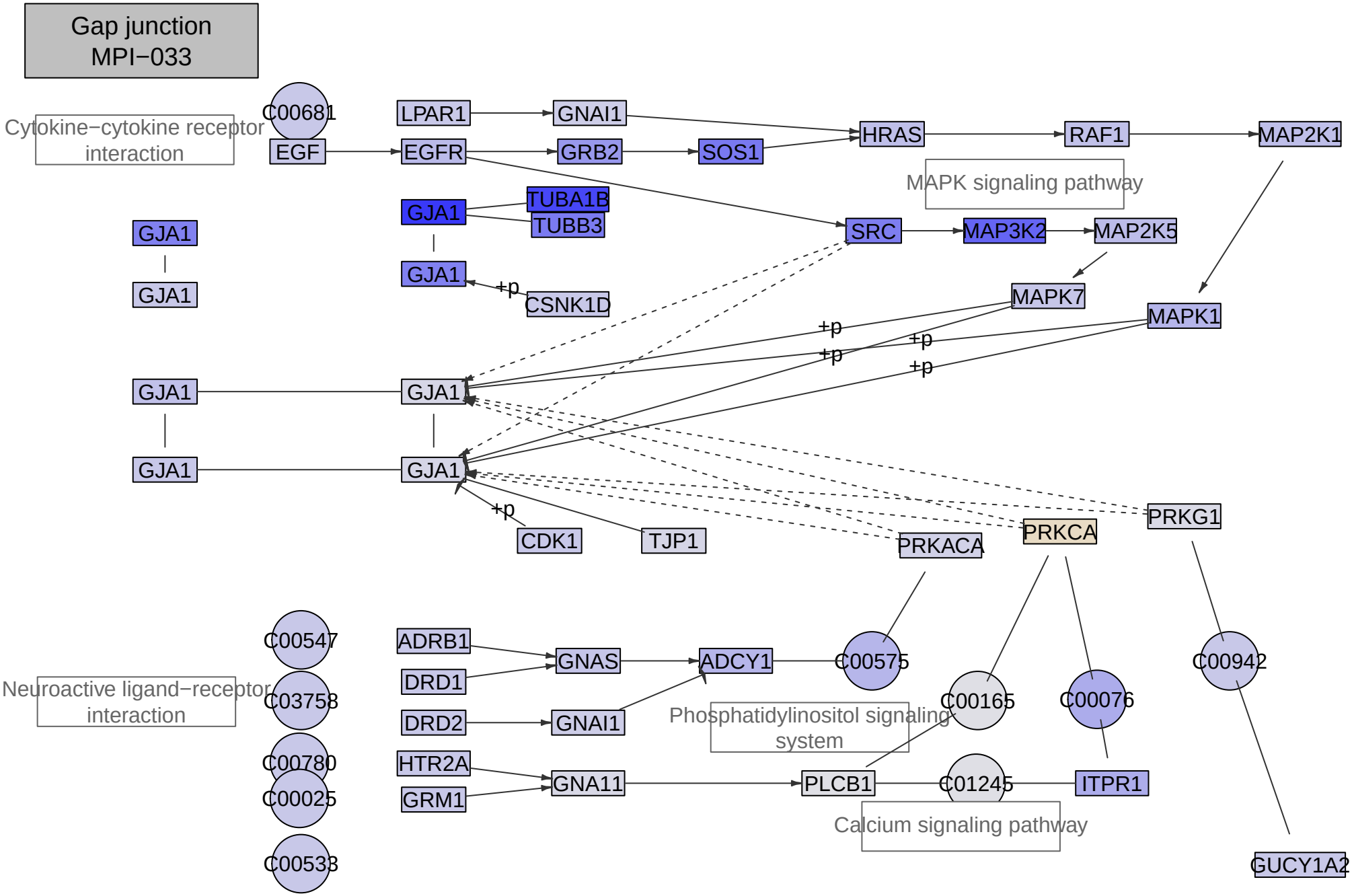

Gap junction
MPI−017
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

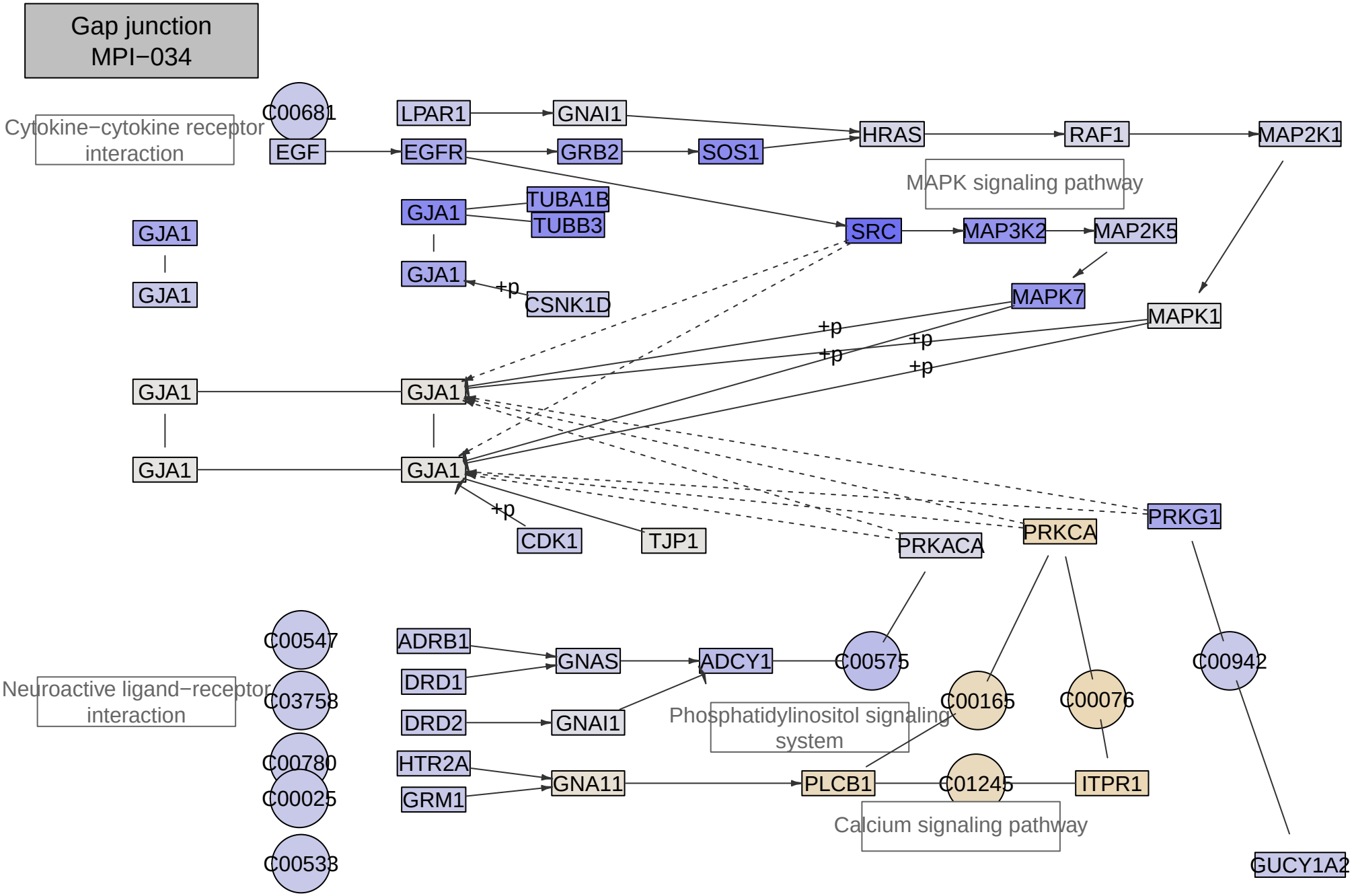

Gap junction
MPI−018
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

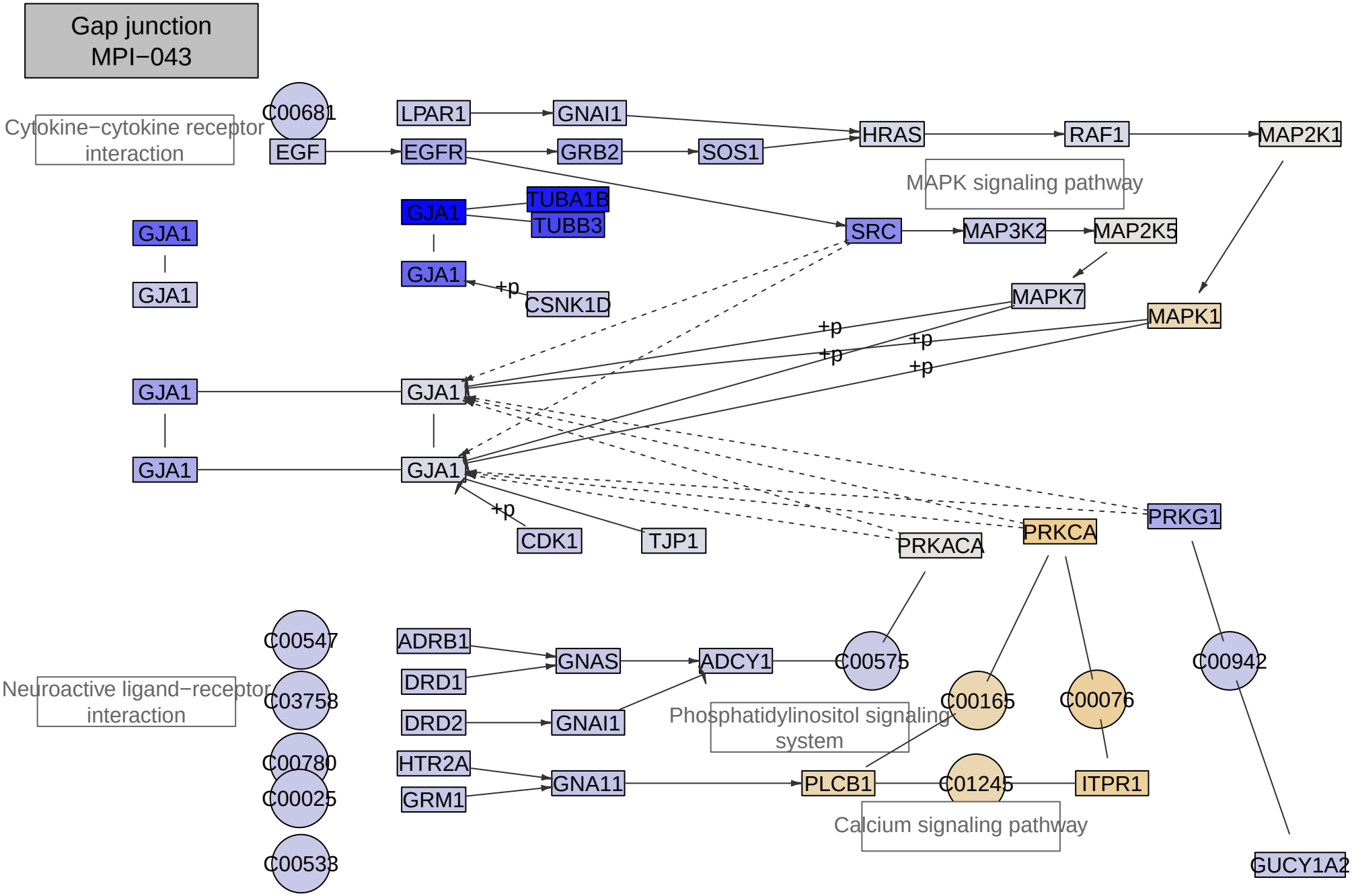

Gap junction
MPI−027
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

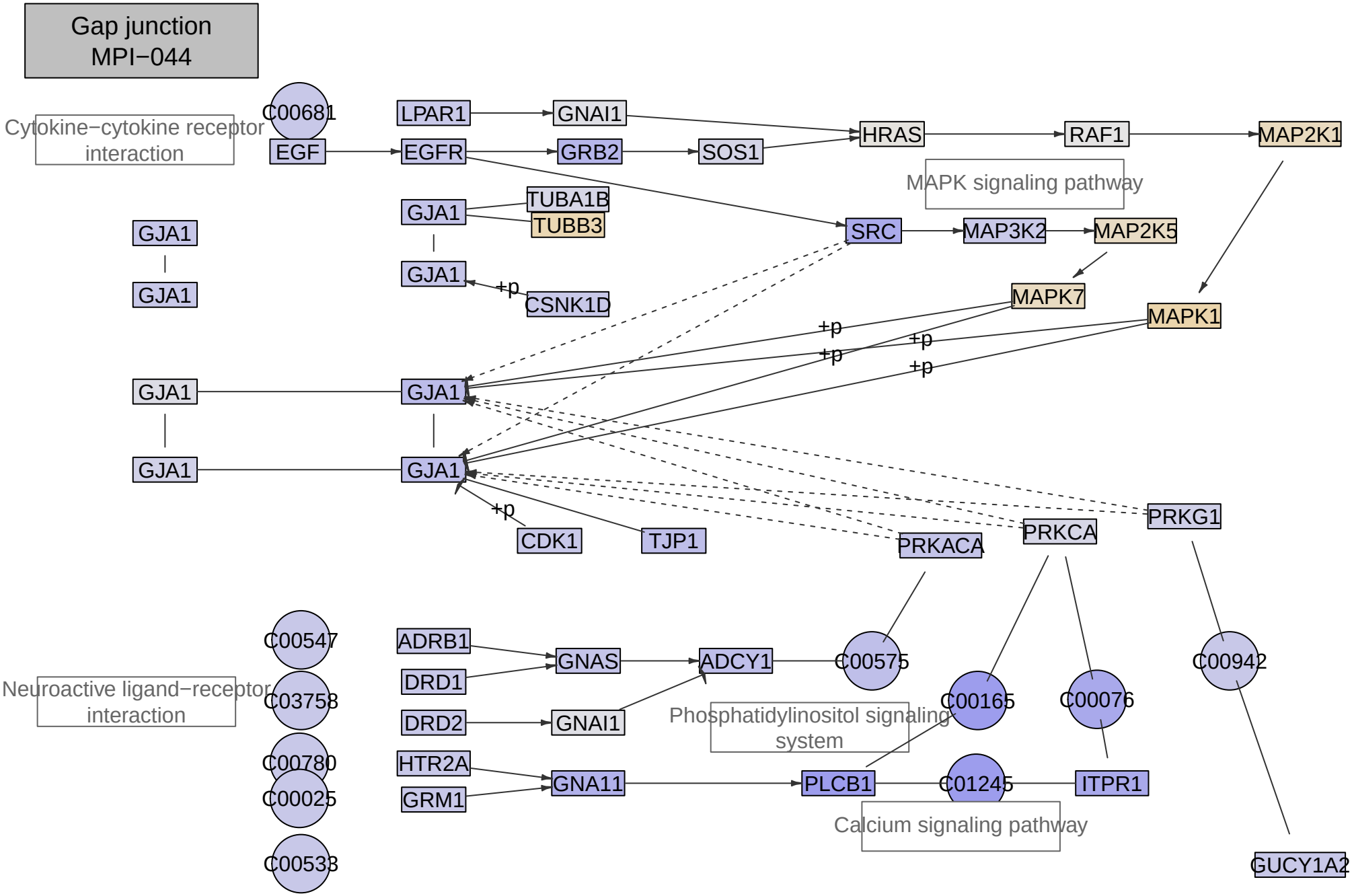

Gap junction
MPI−028
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

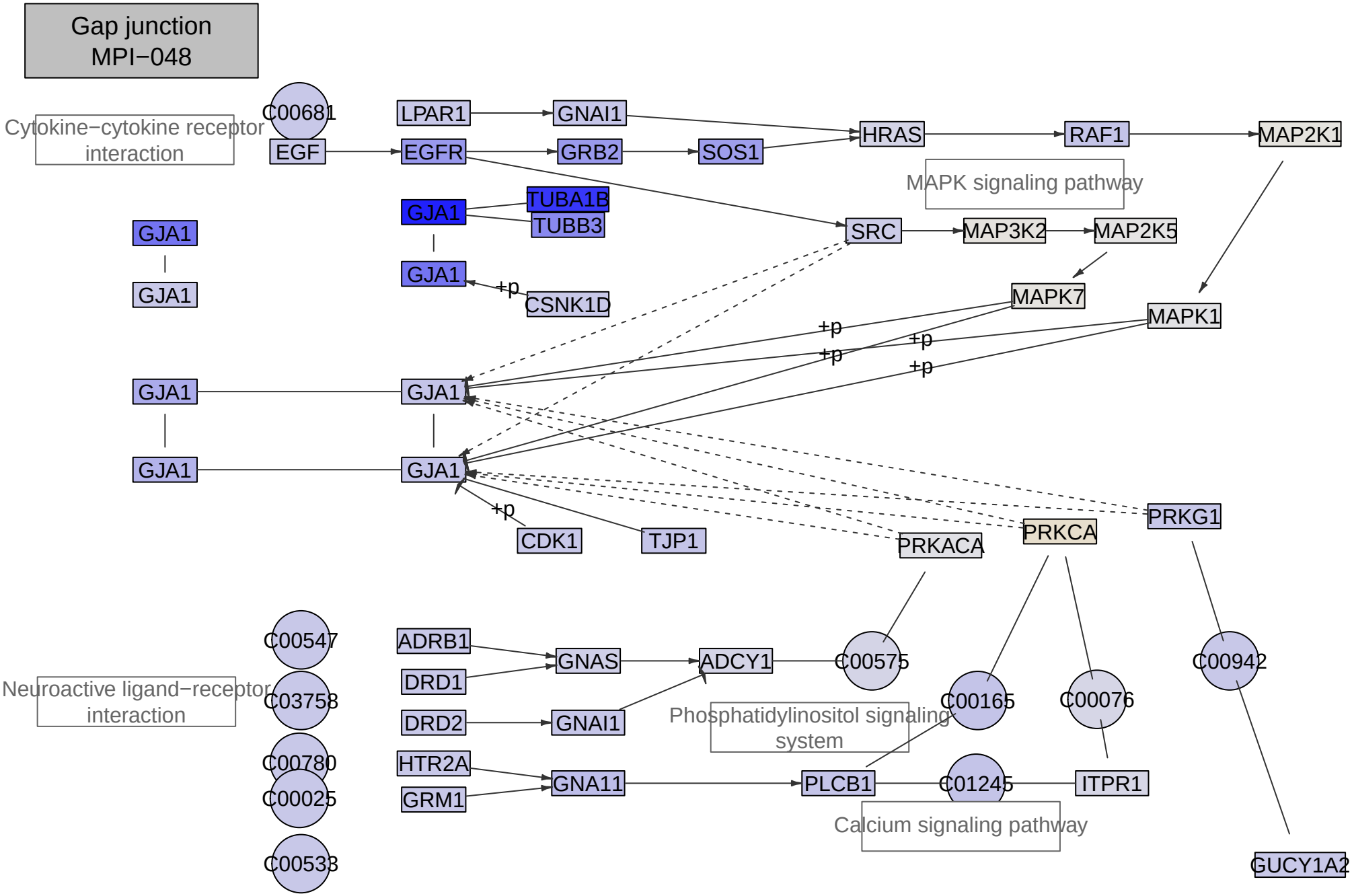

Gap junction
MPI−032
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

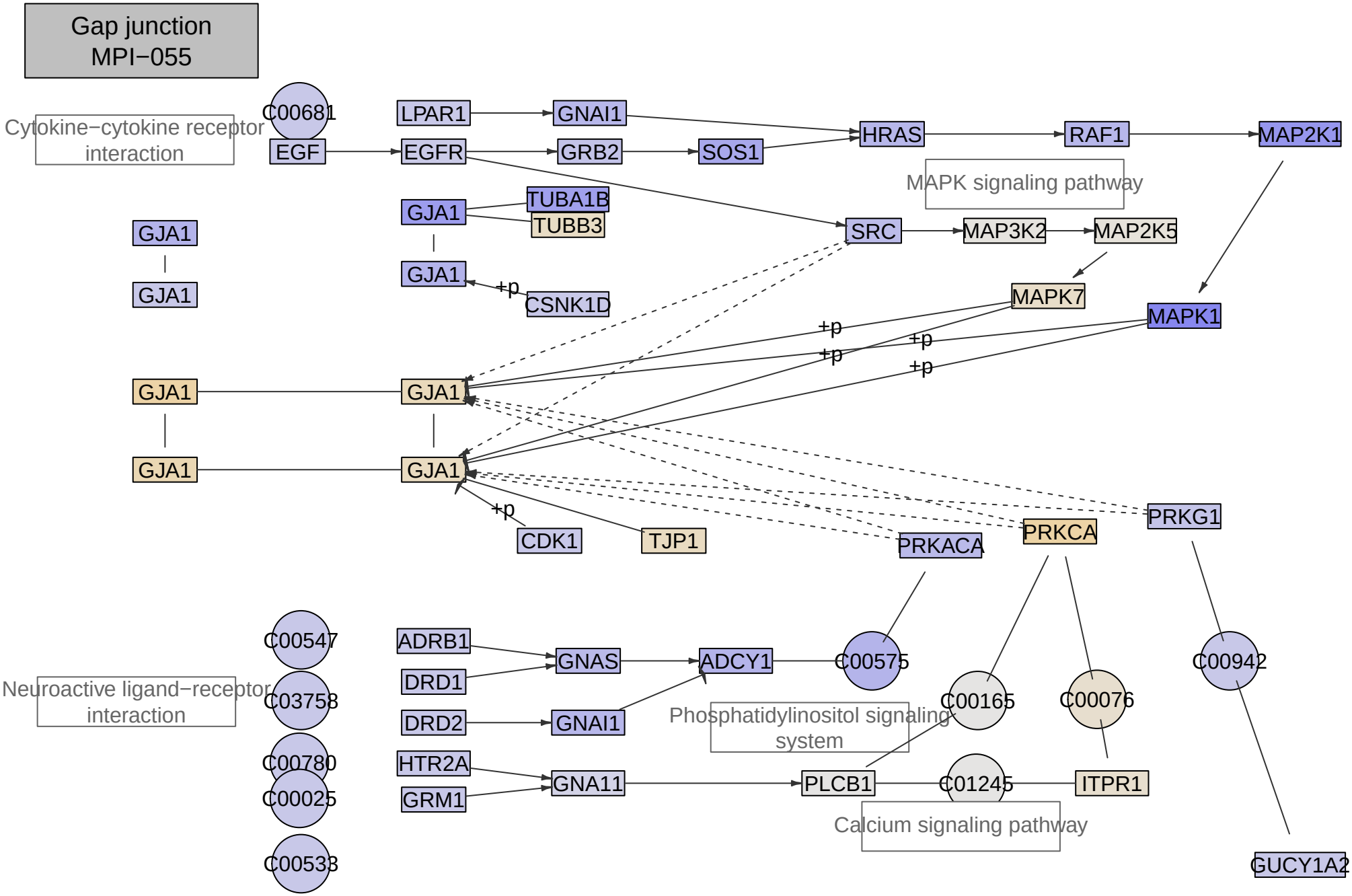

Gap junction
MPI−033
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

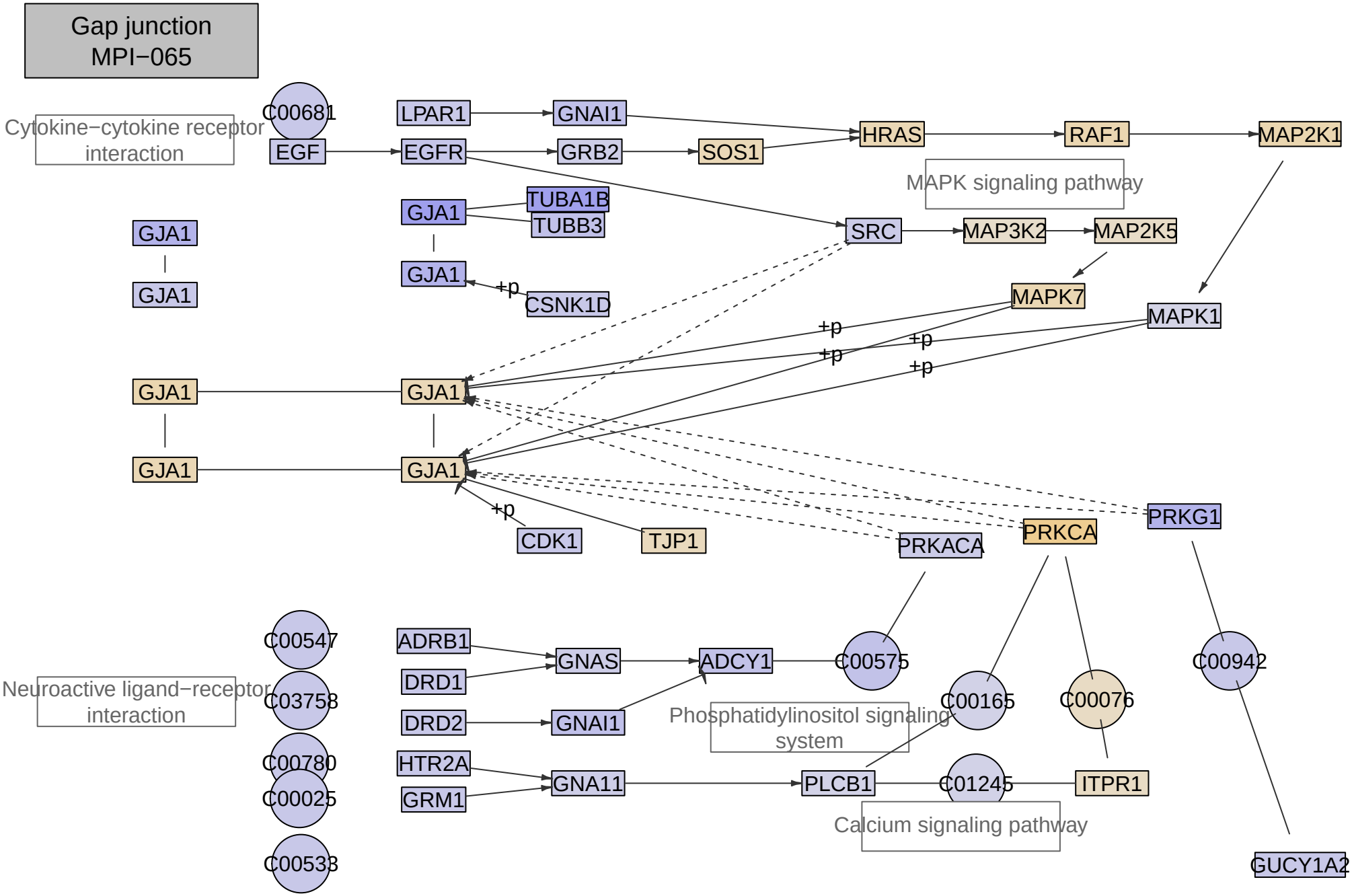

Gap junction
MPI−034
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

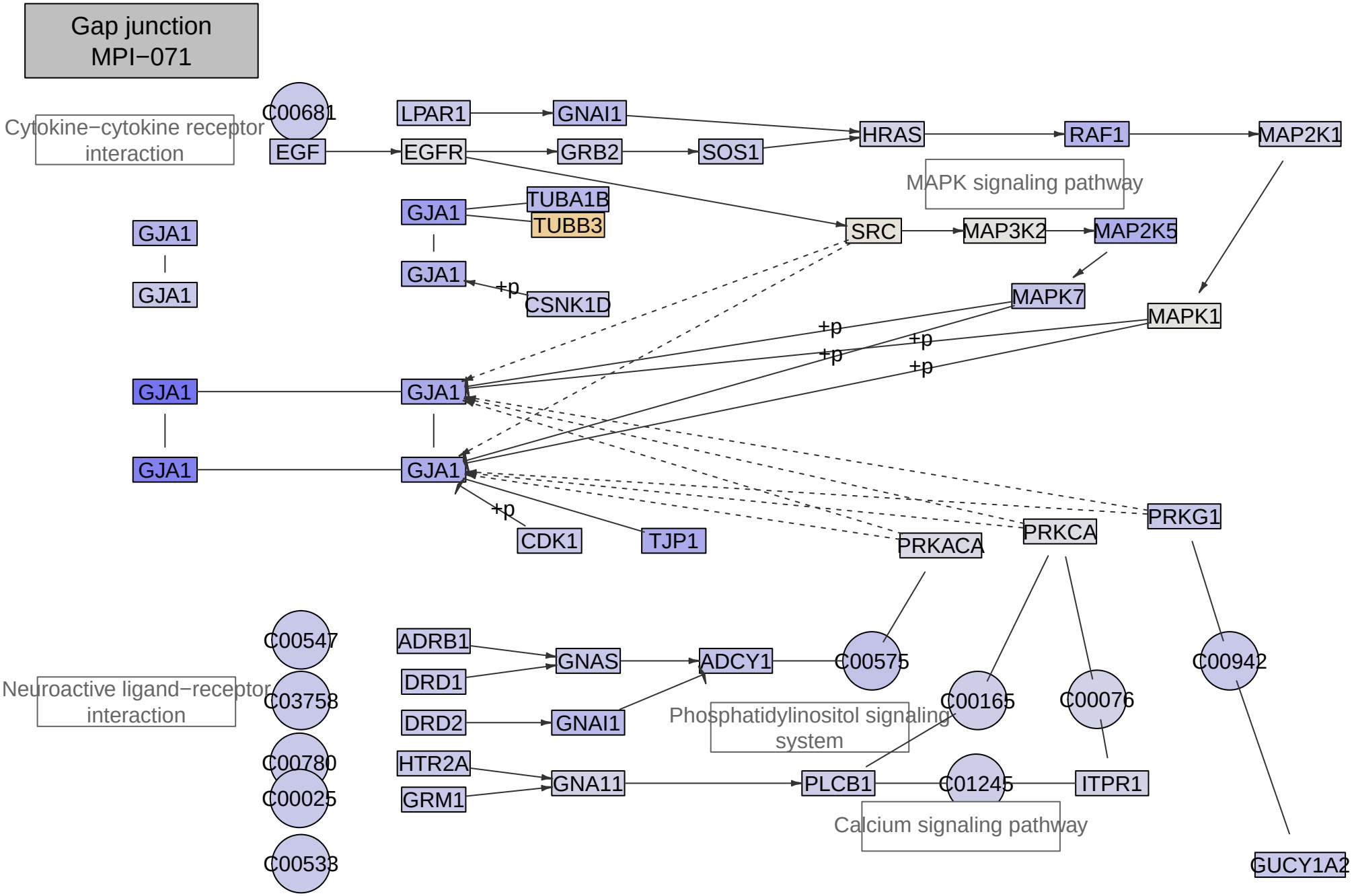

Gap junction
MPI−043
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

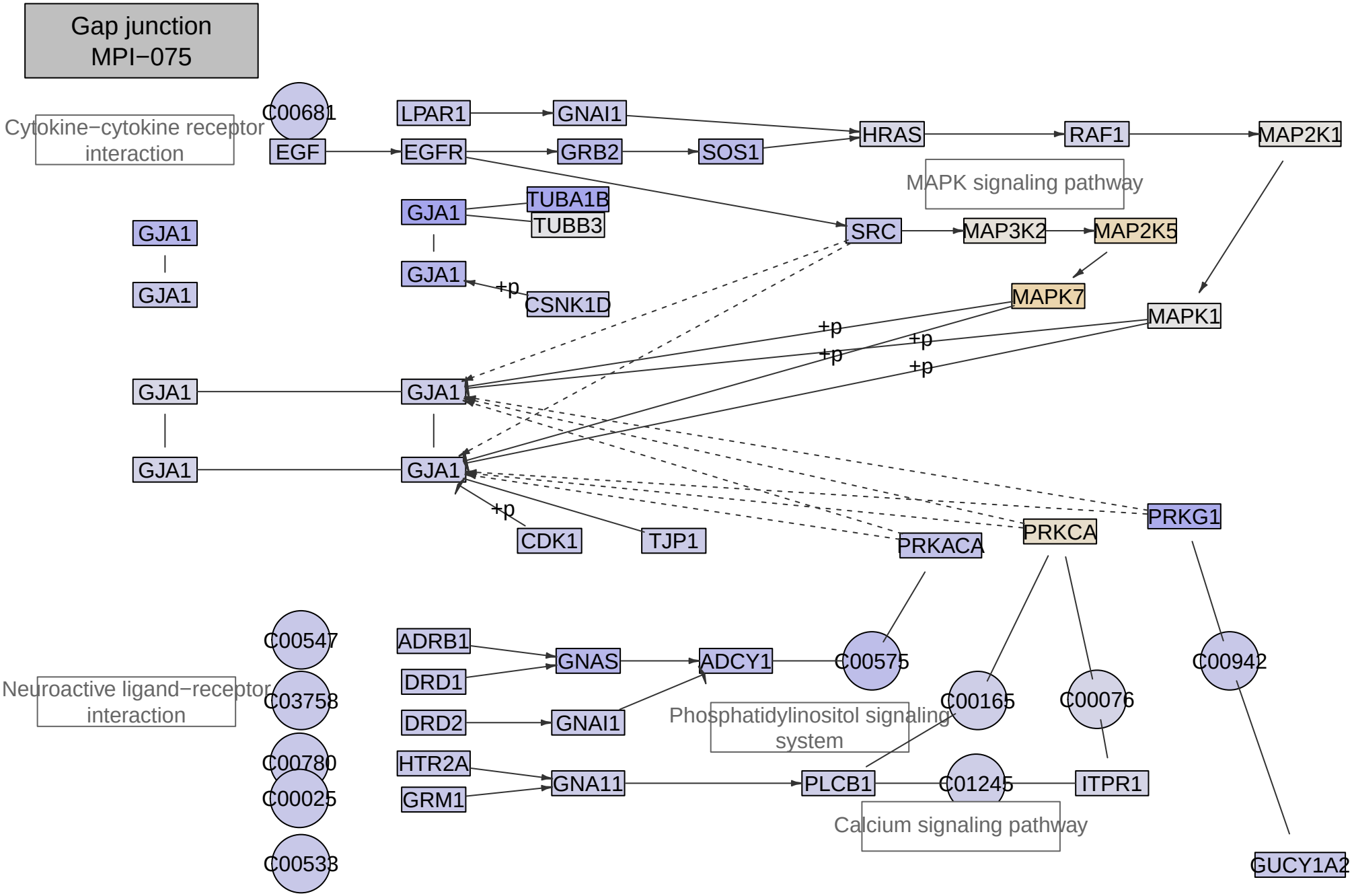

Gap junction
MPI−044
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Phosphatidylinositol signaling system
Calcium signaling pathway
GUCY1A2

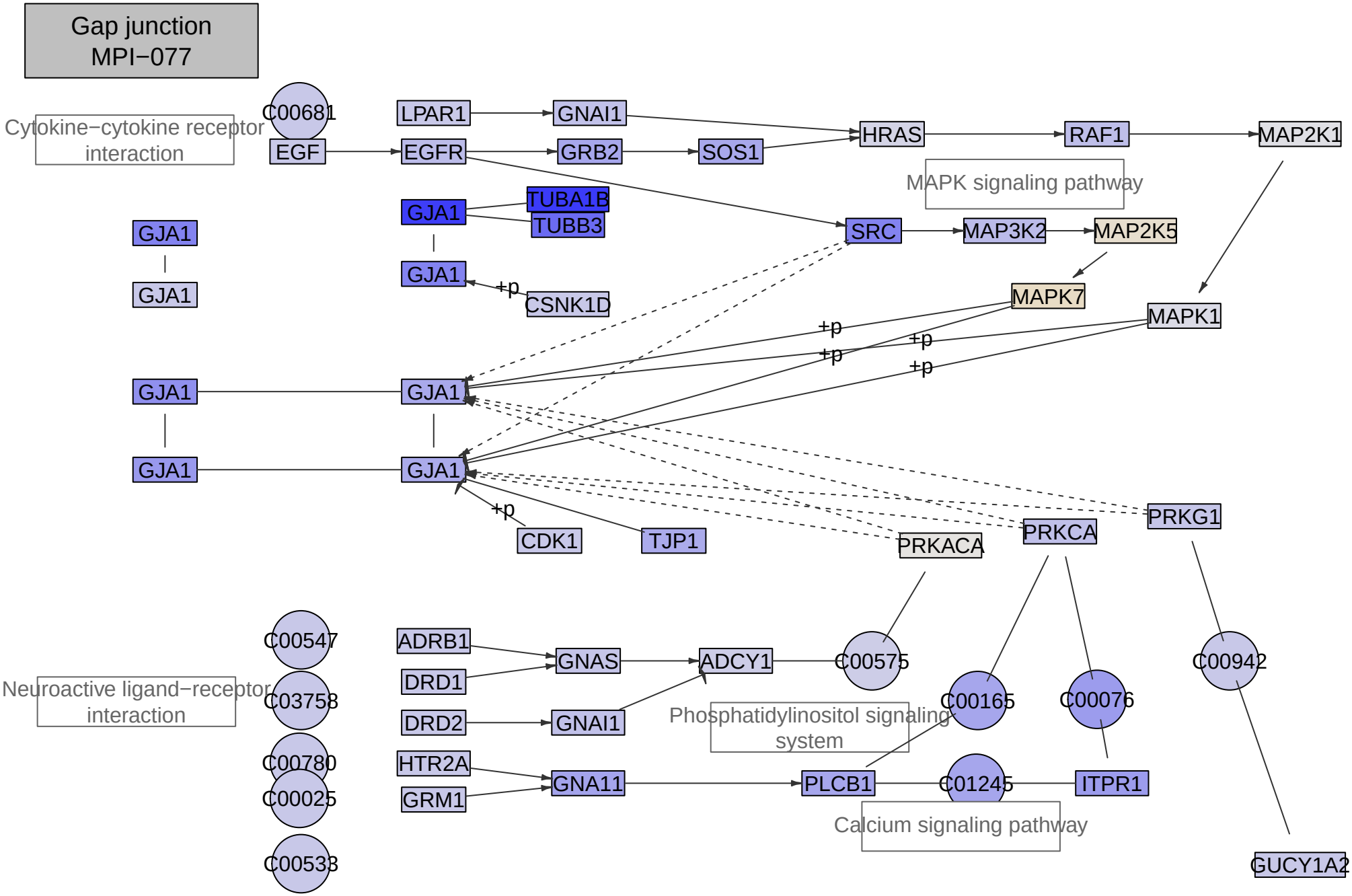

Gap junction
MPI−048
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

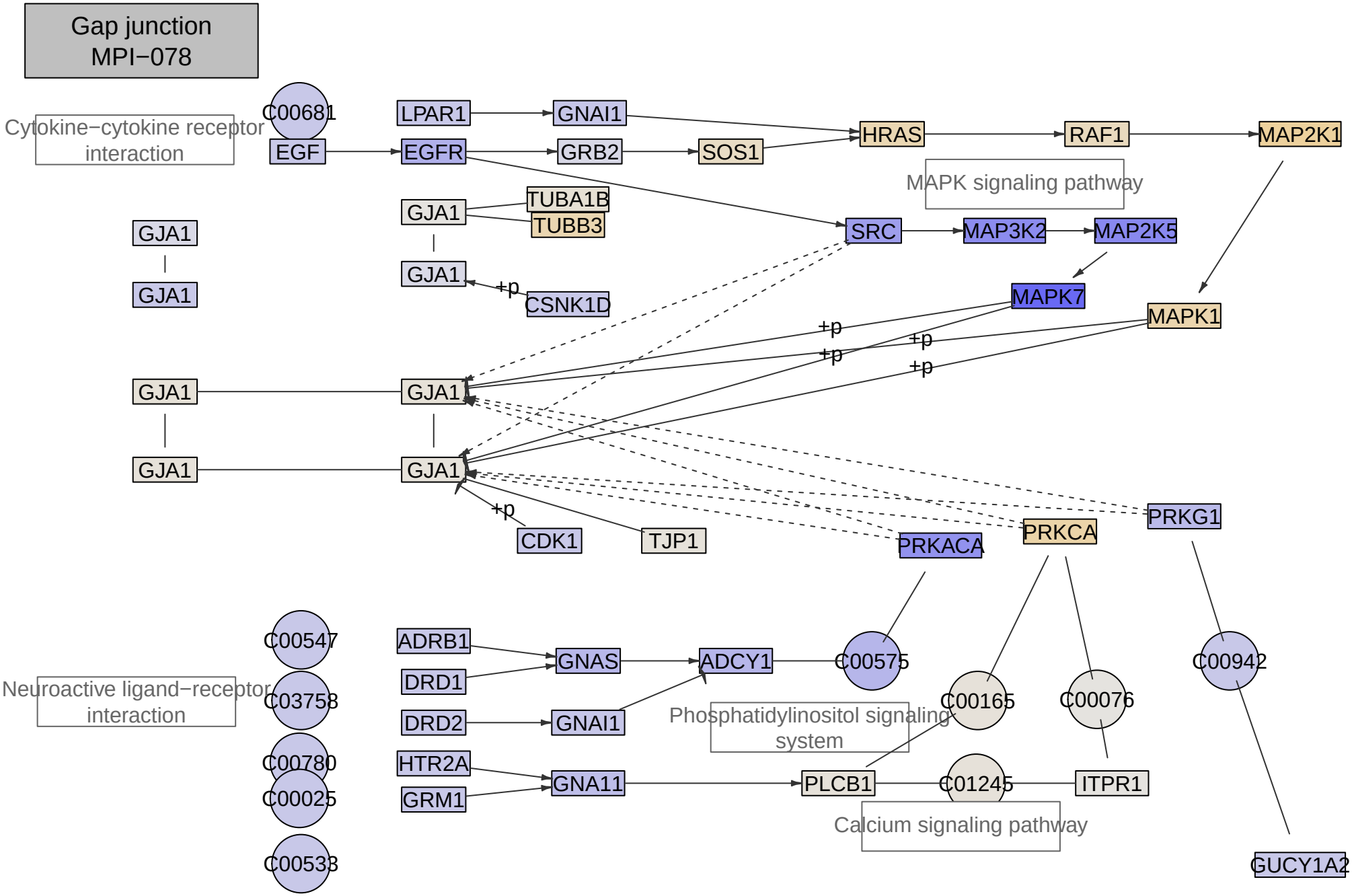

Gap junction
MPI−055
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

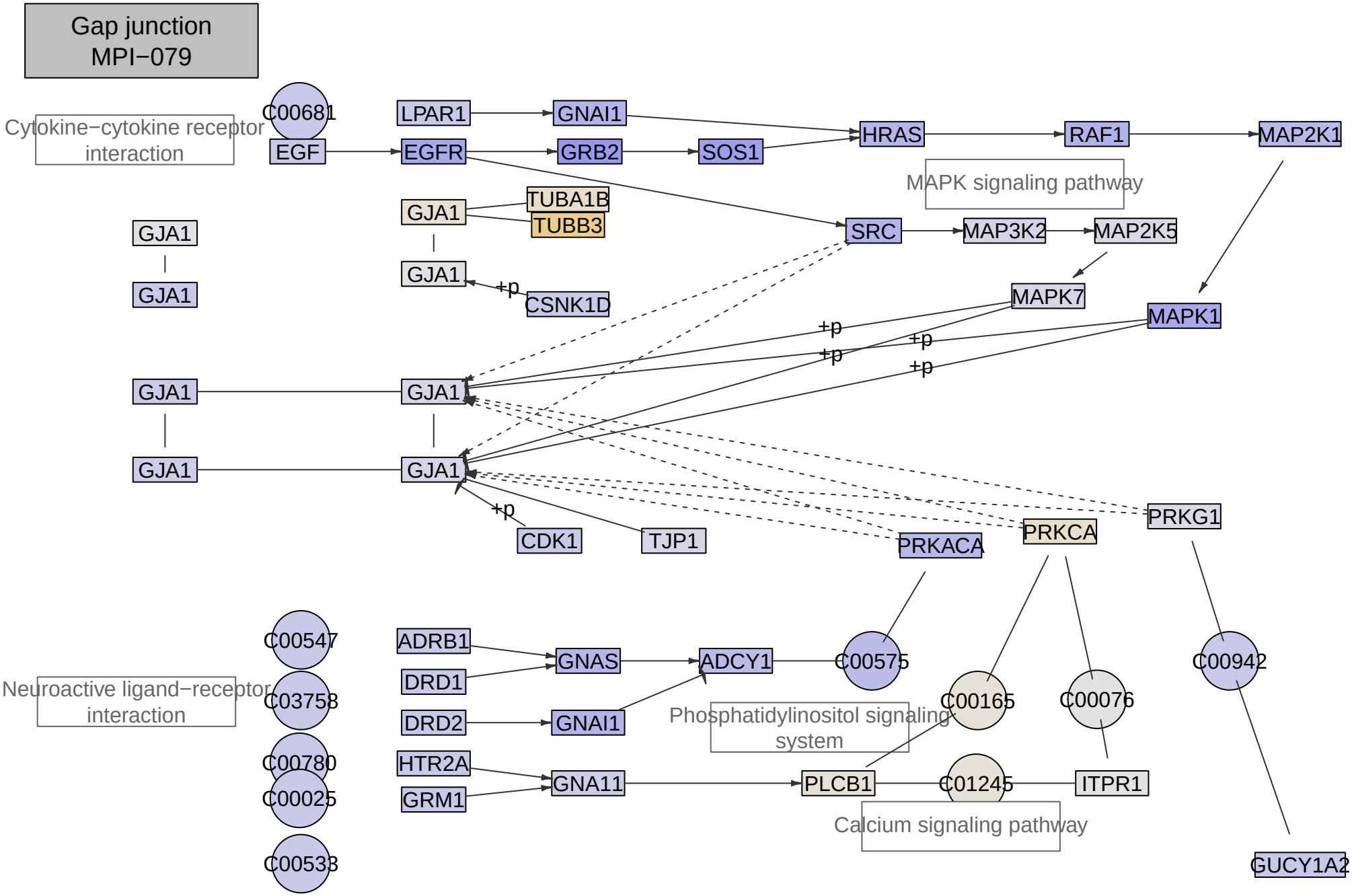

Gap junction
MPI−065
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

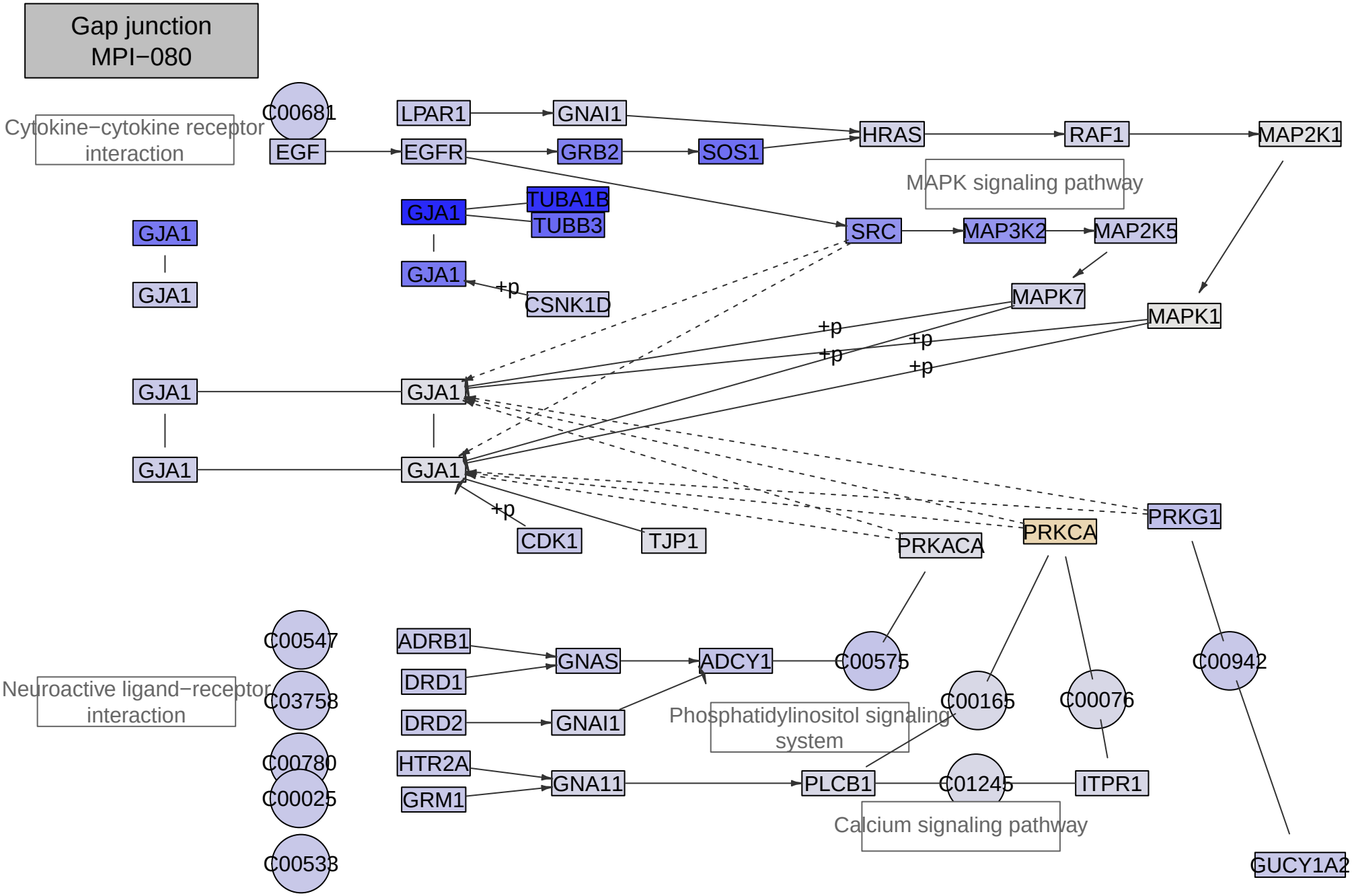

Gap junction
MPI−071
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

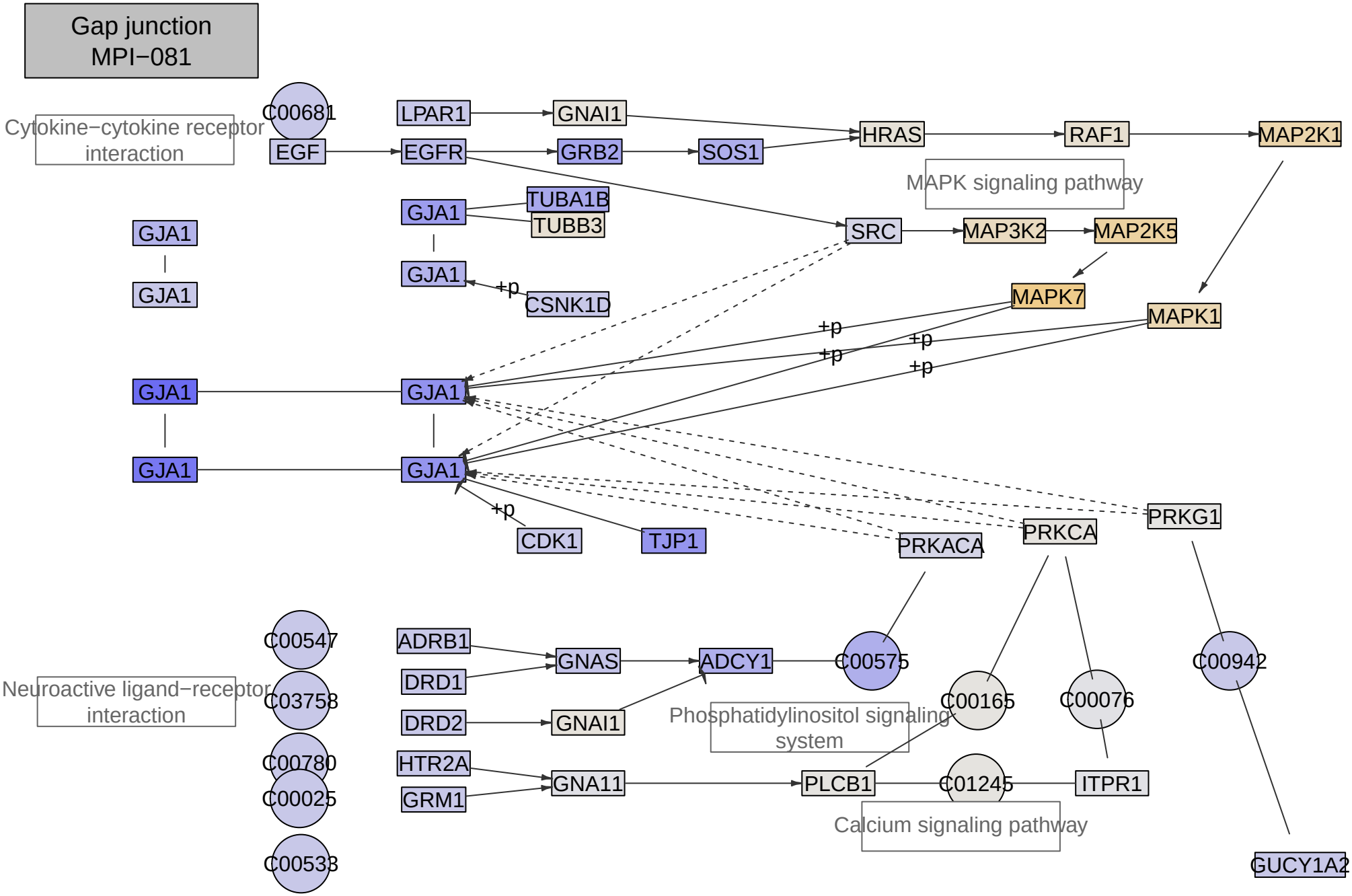

Gap junction
MPI−075
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

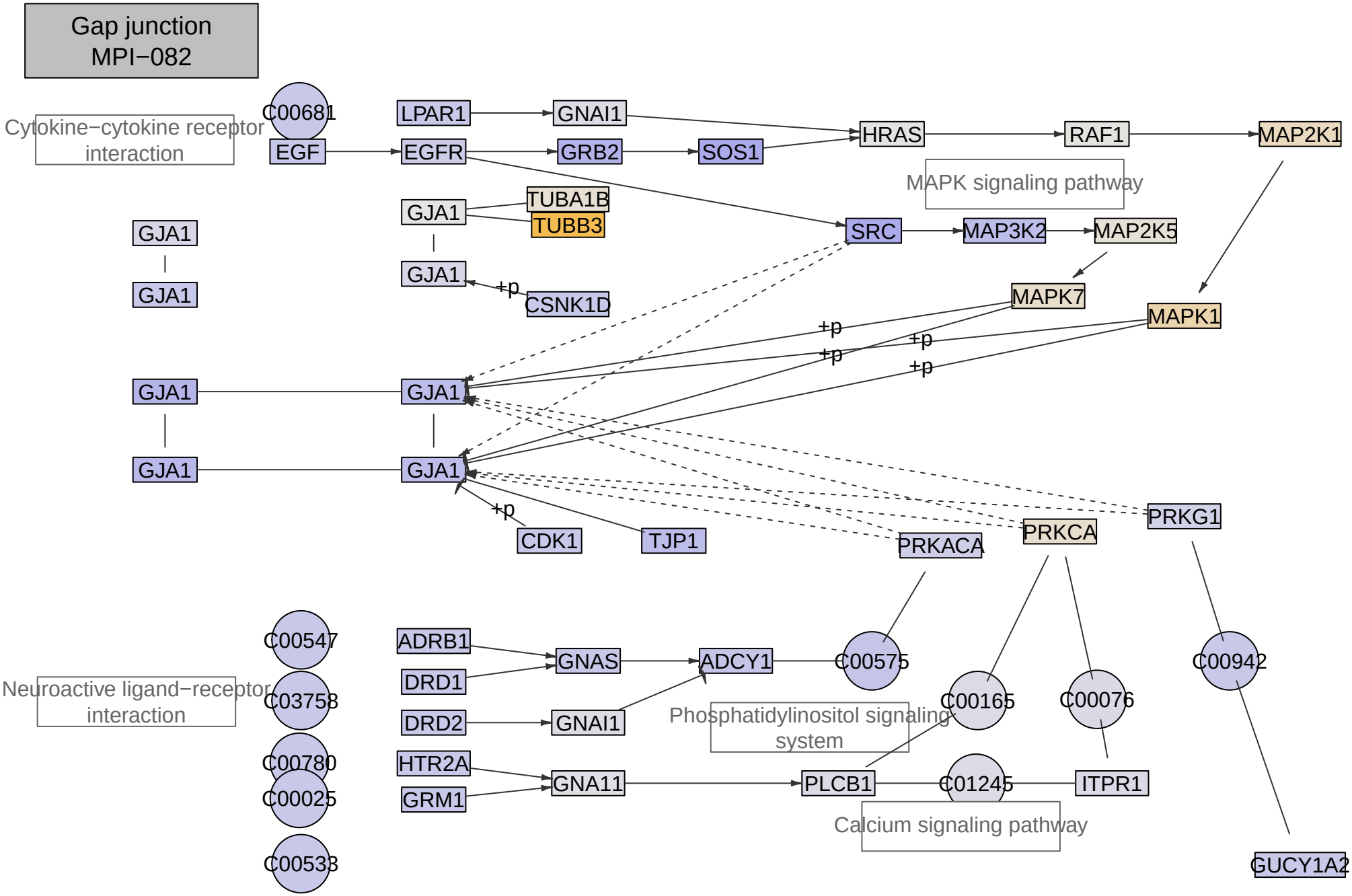

Gap junction
MPI−077
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

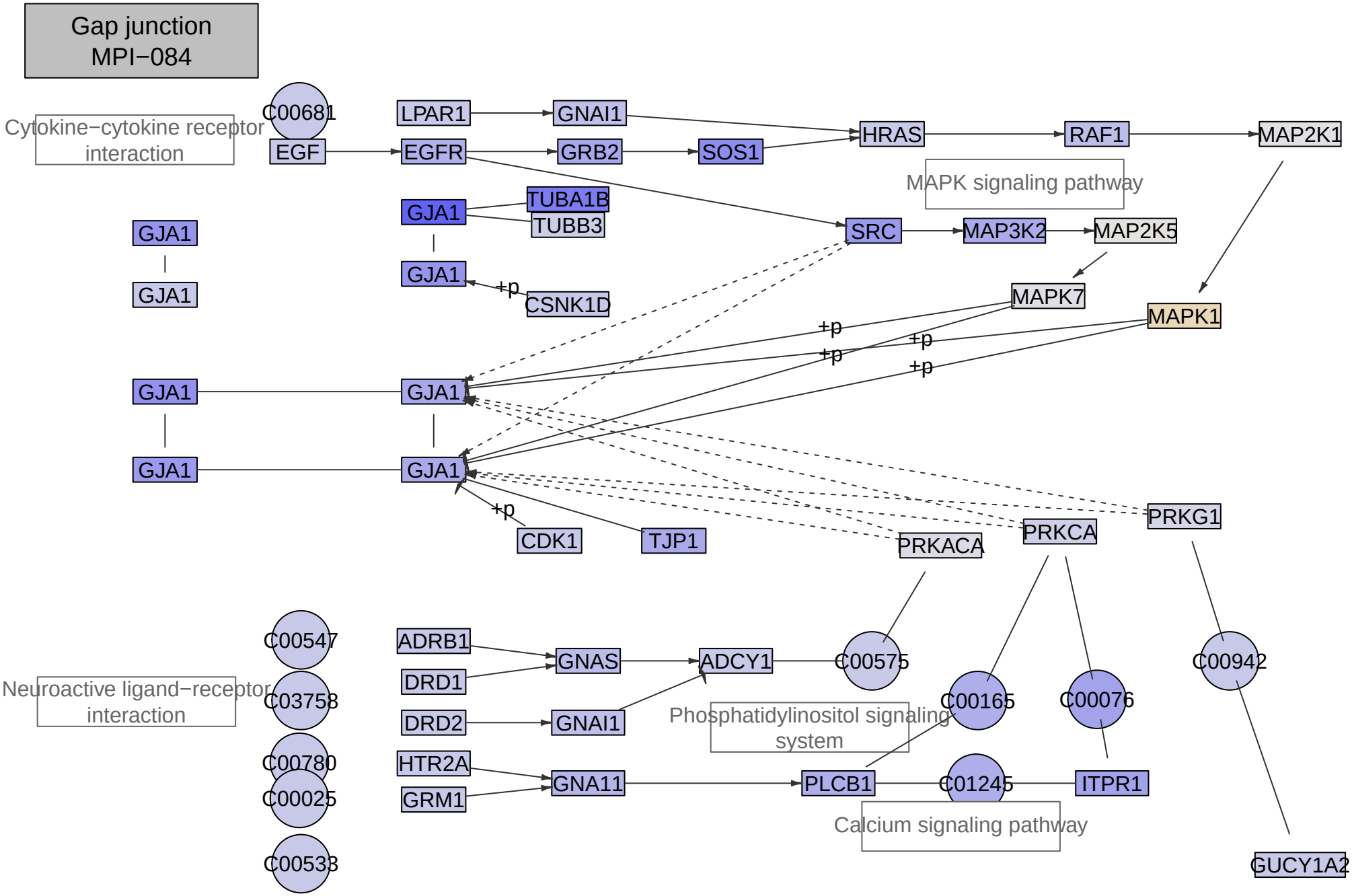

Gap junction
MPI−078
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

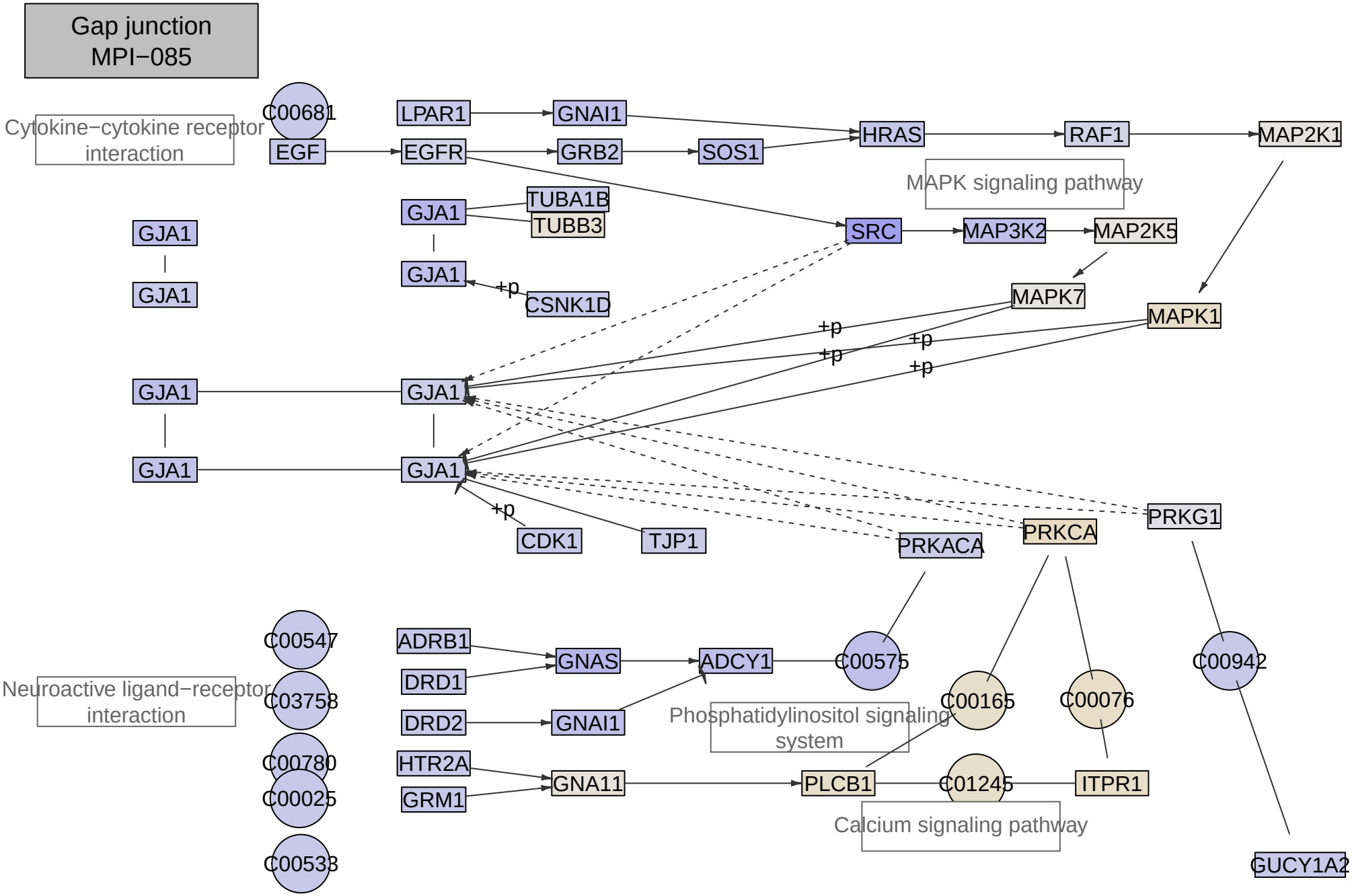

Gap junction
MPI−079
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

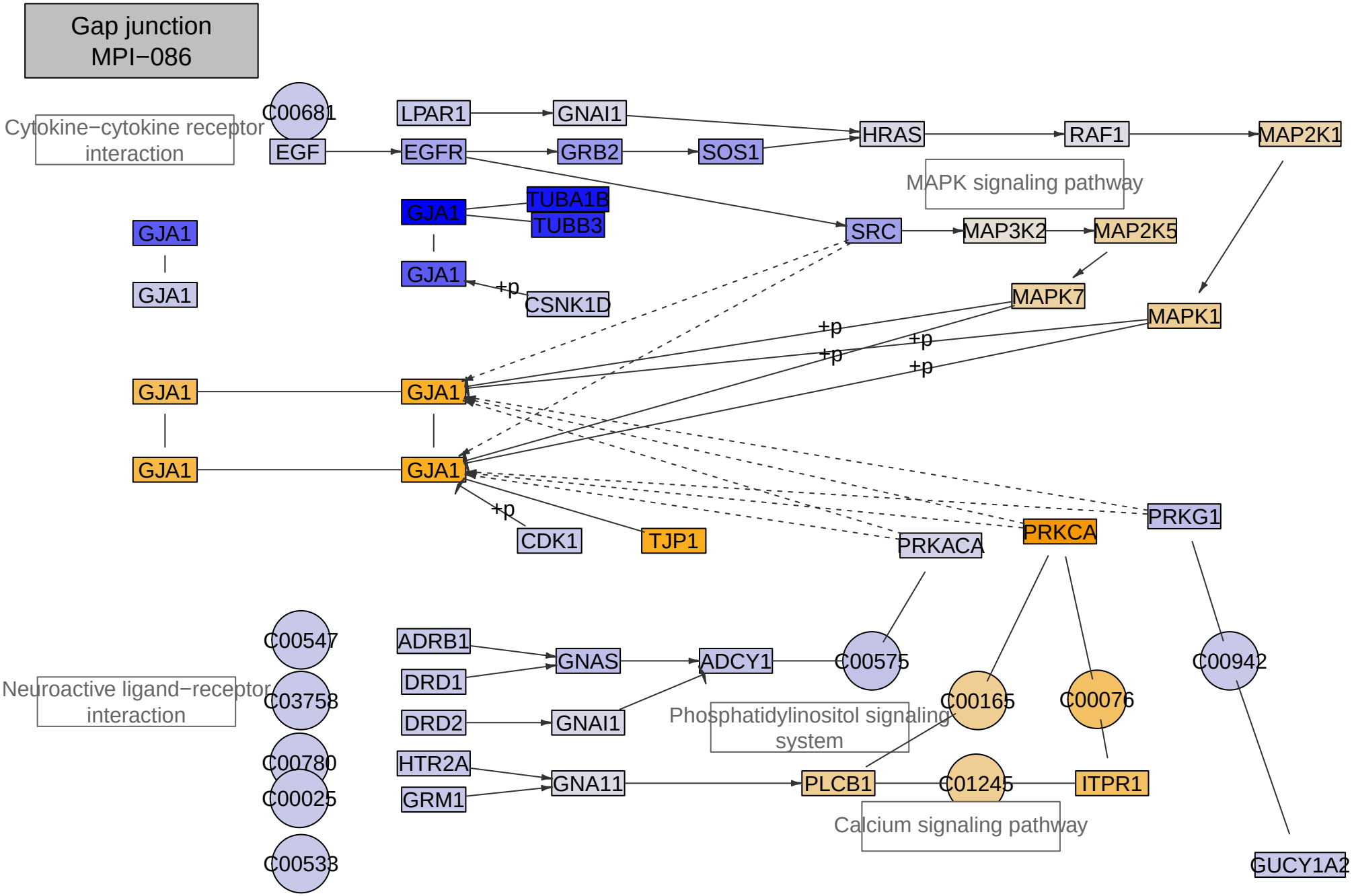

Gap junction
MPI−080
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

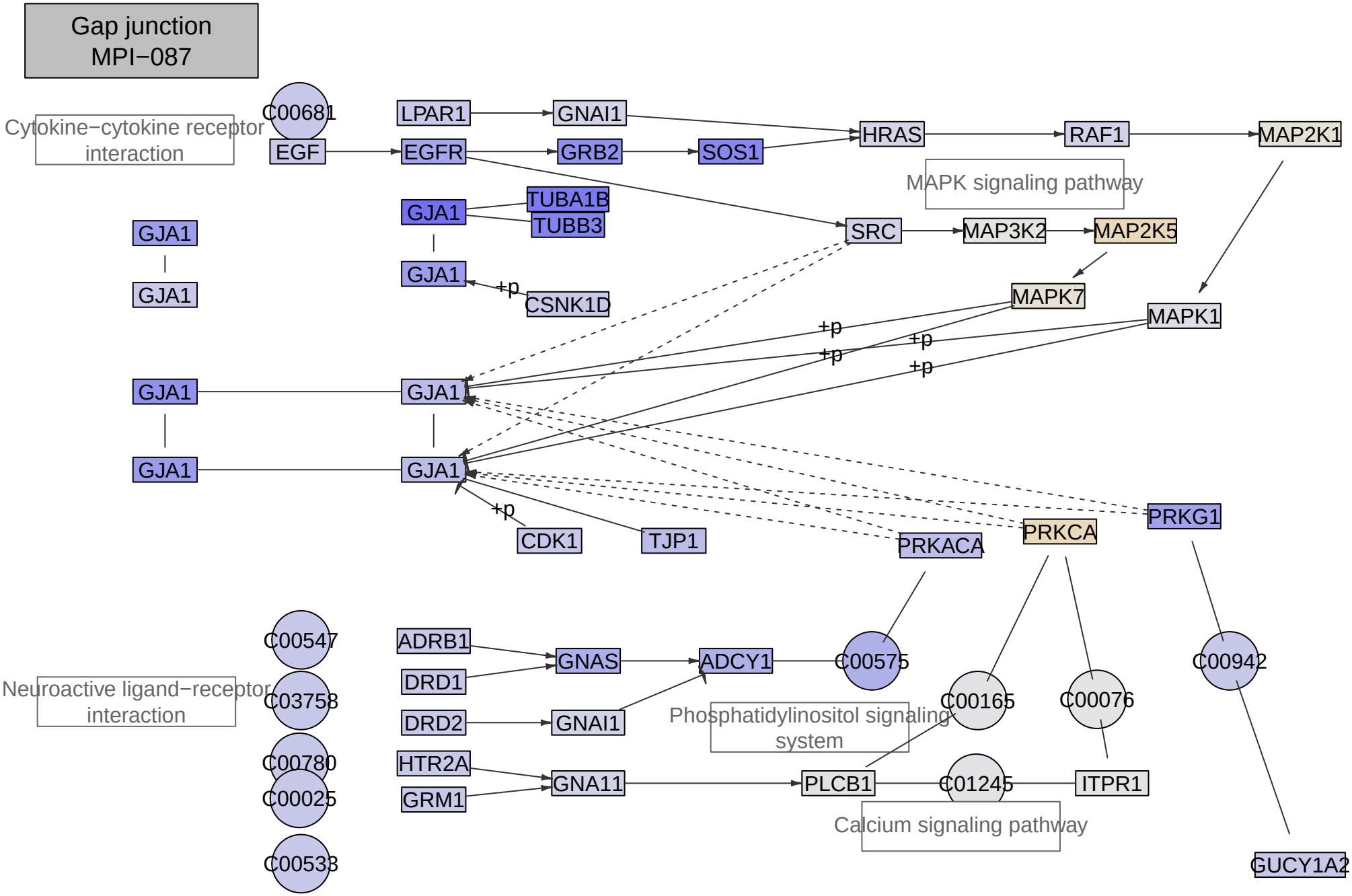

Gap junction
MPI−081
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

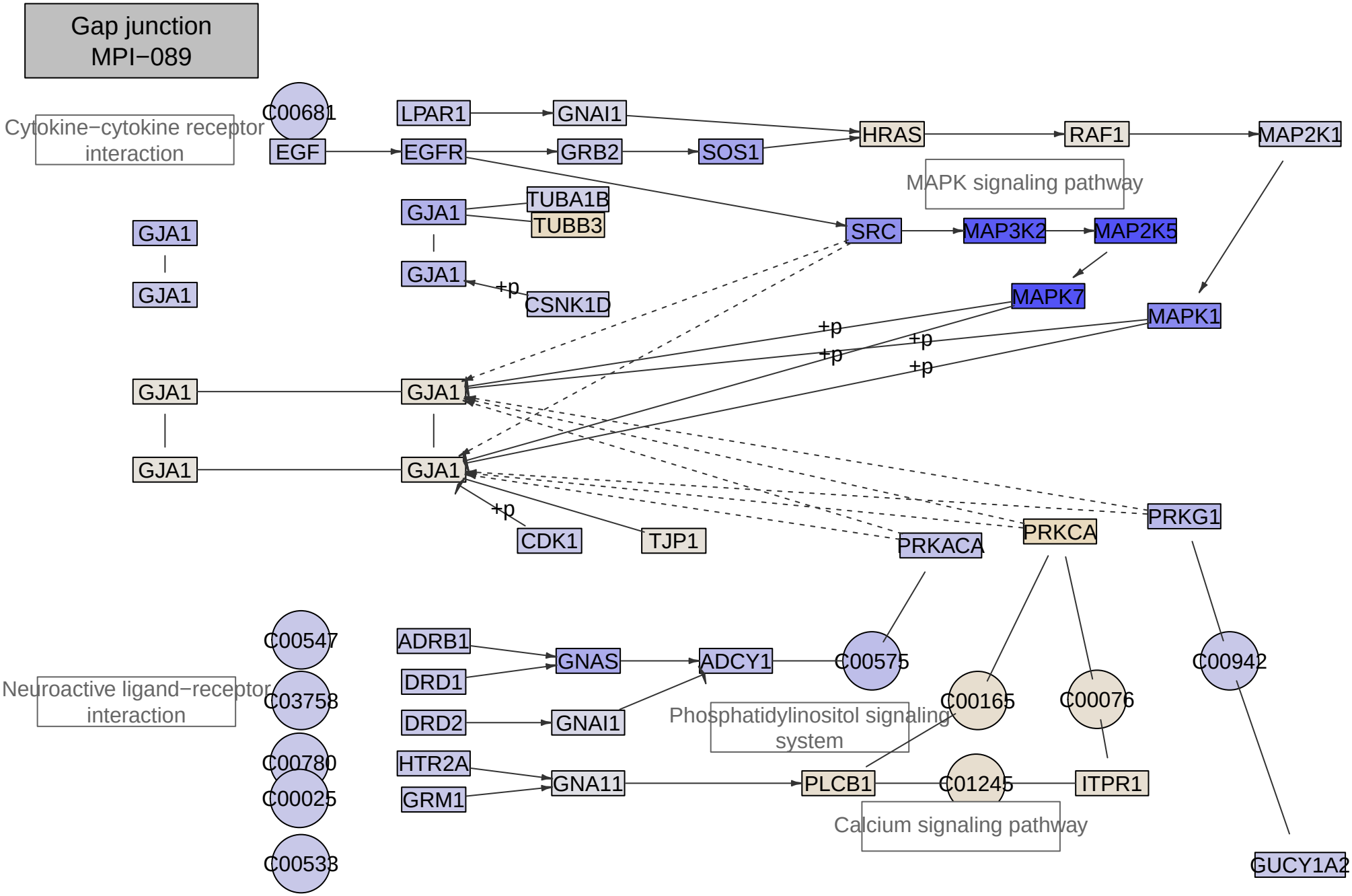

Gap junction
MPI−082
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

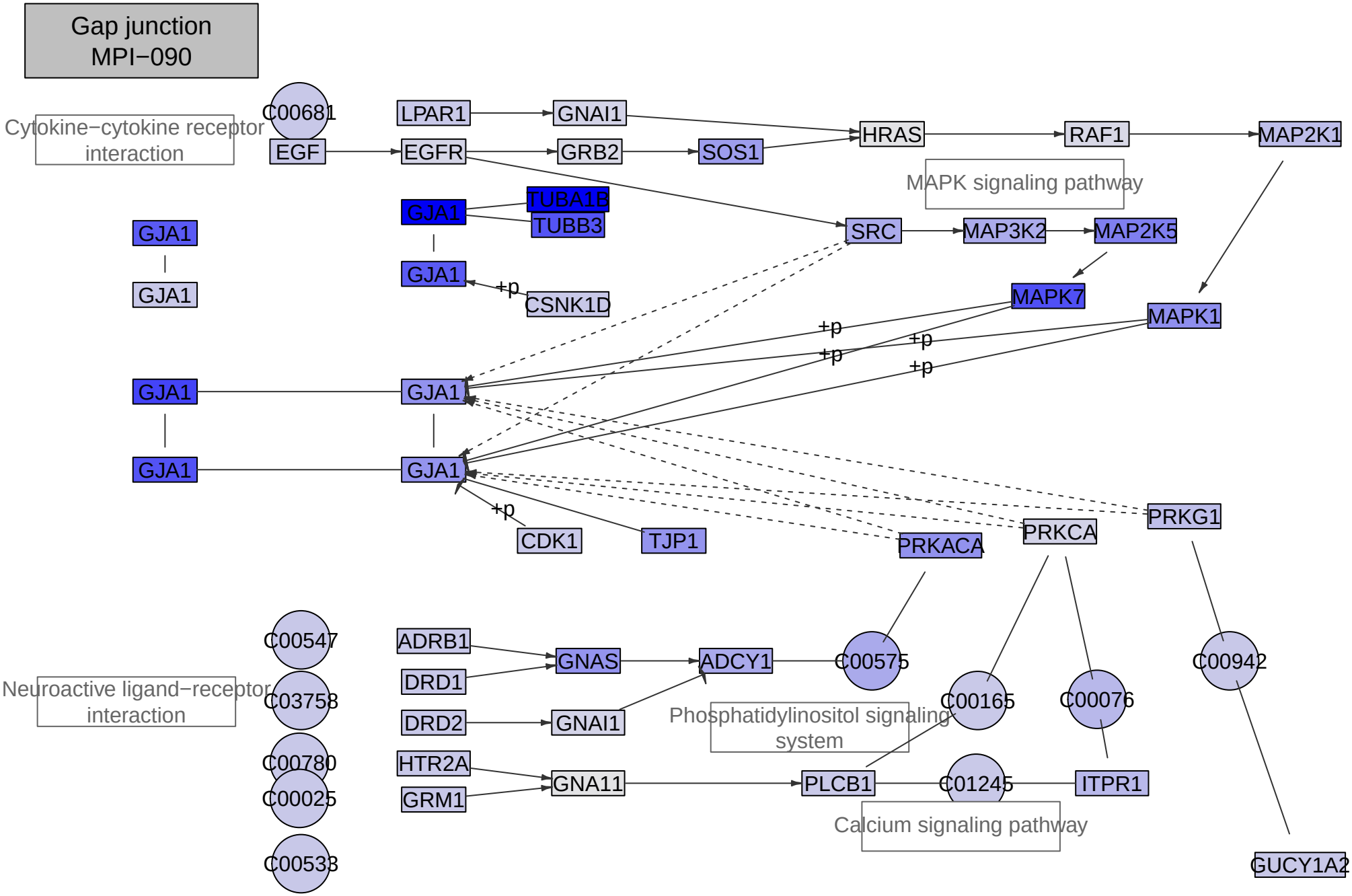

Gap junction
MPI−084
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

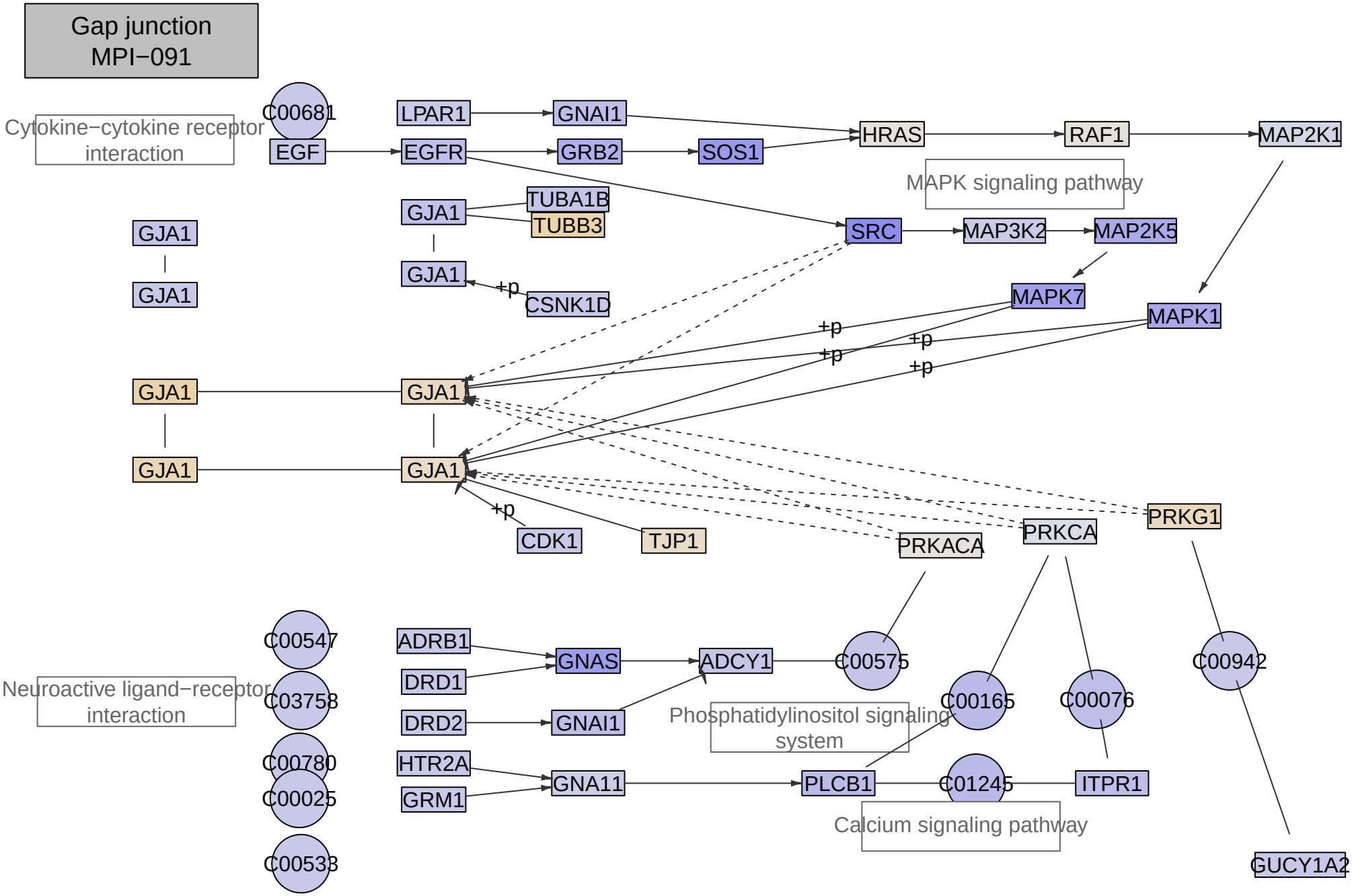

Gap junction
MPI−085
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

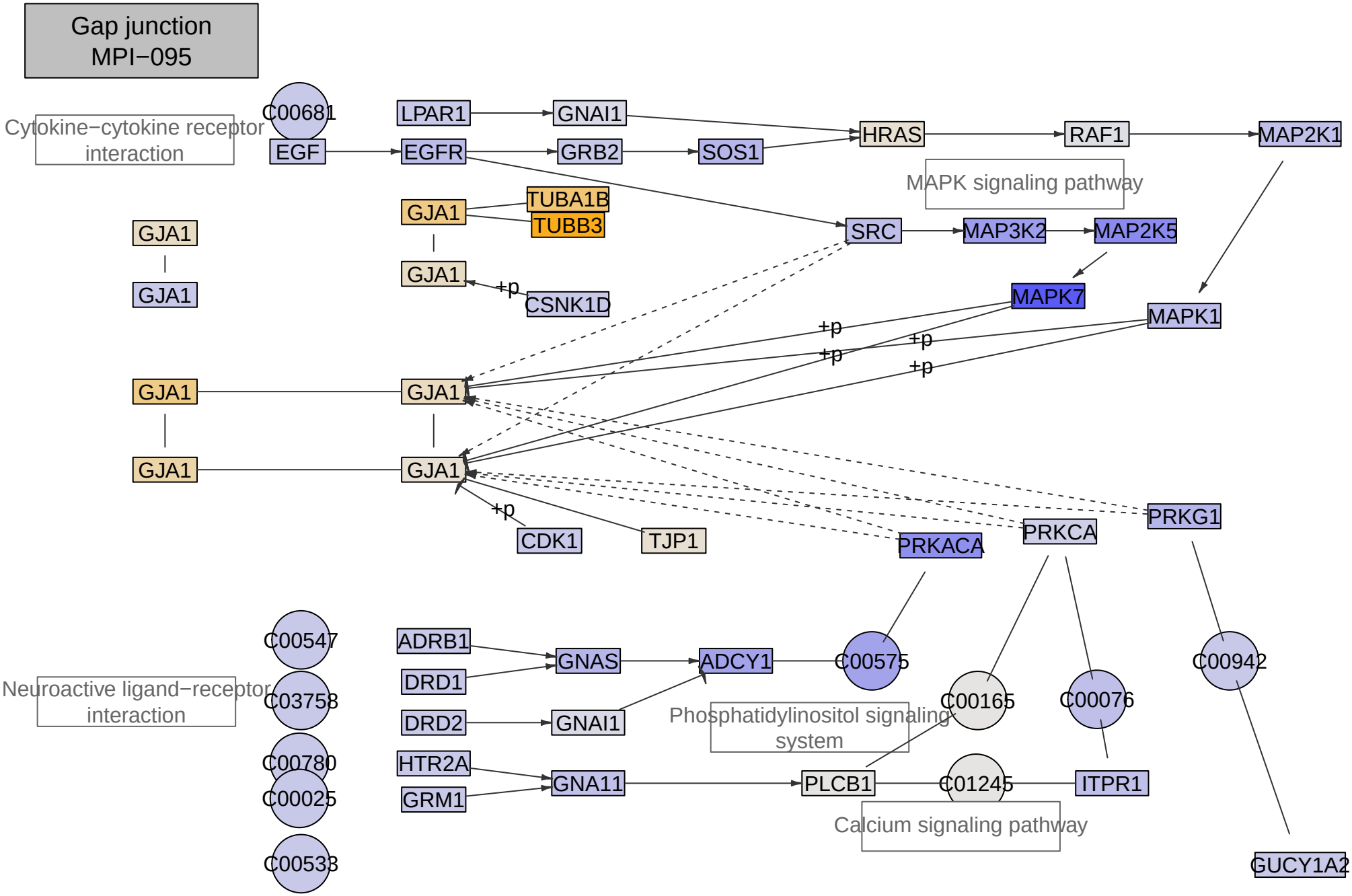

Gap junction
MPI−086
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

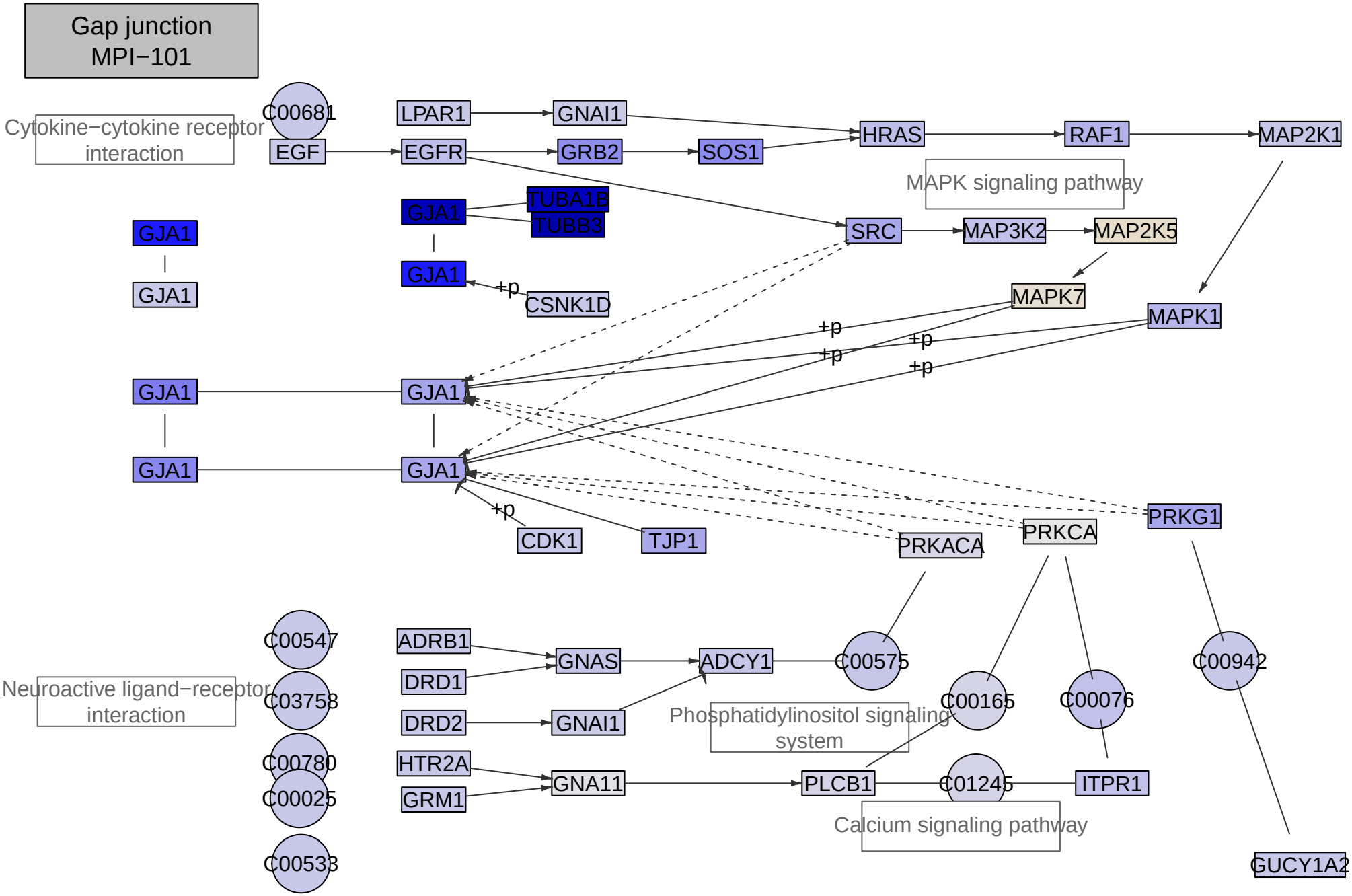

Gap junction
MPI−087
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

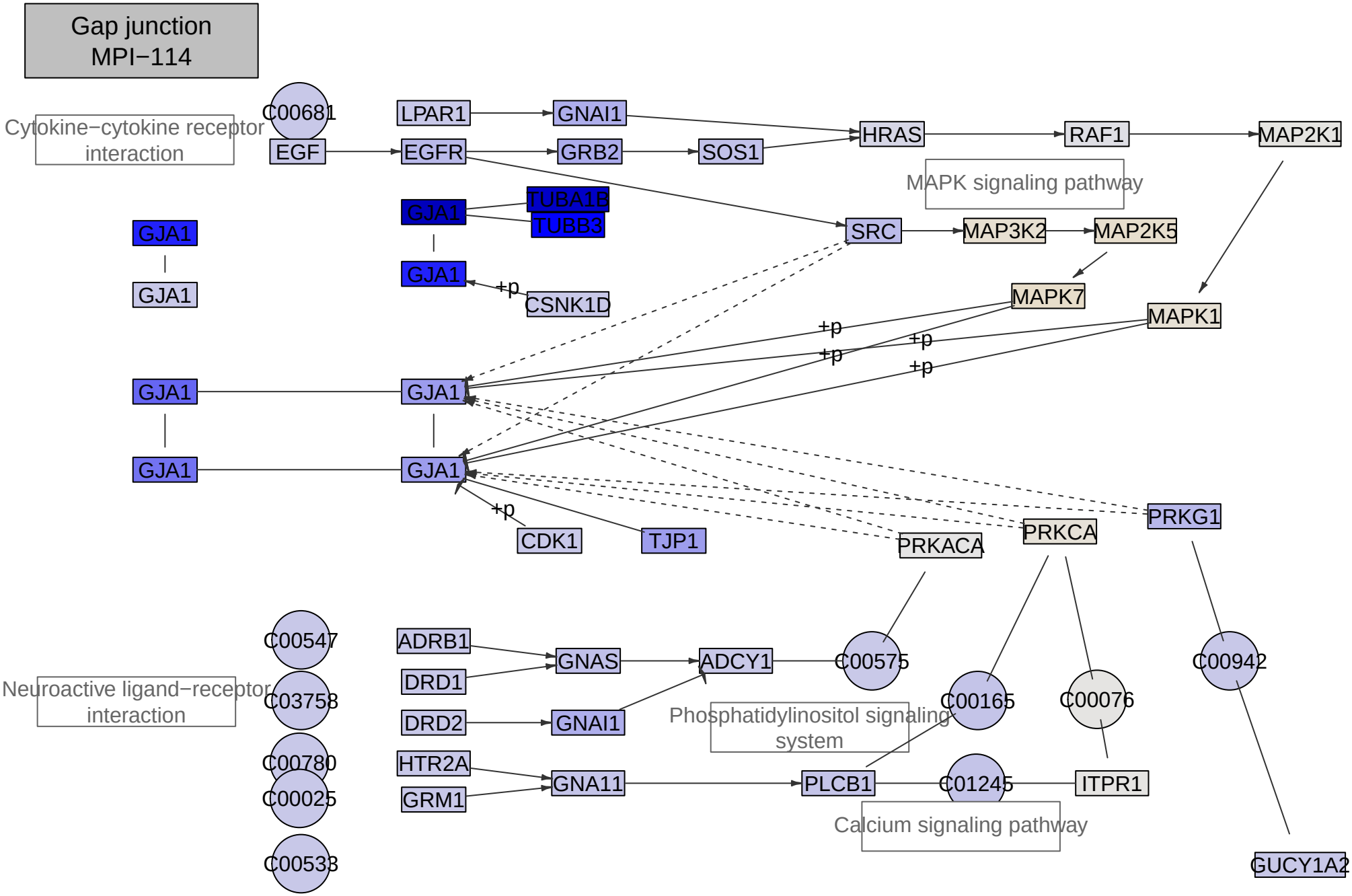

Gap junction
MPI−089
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

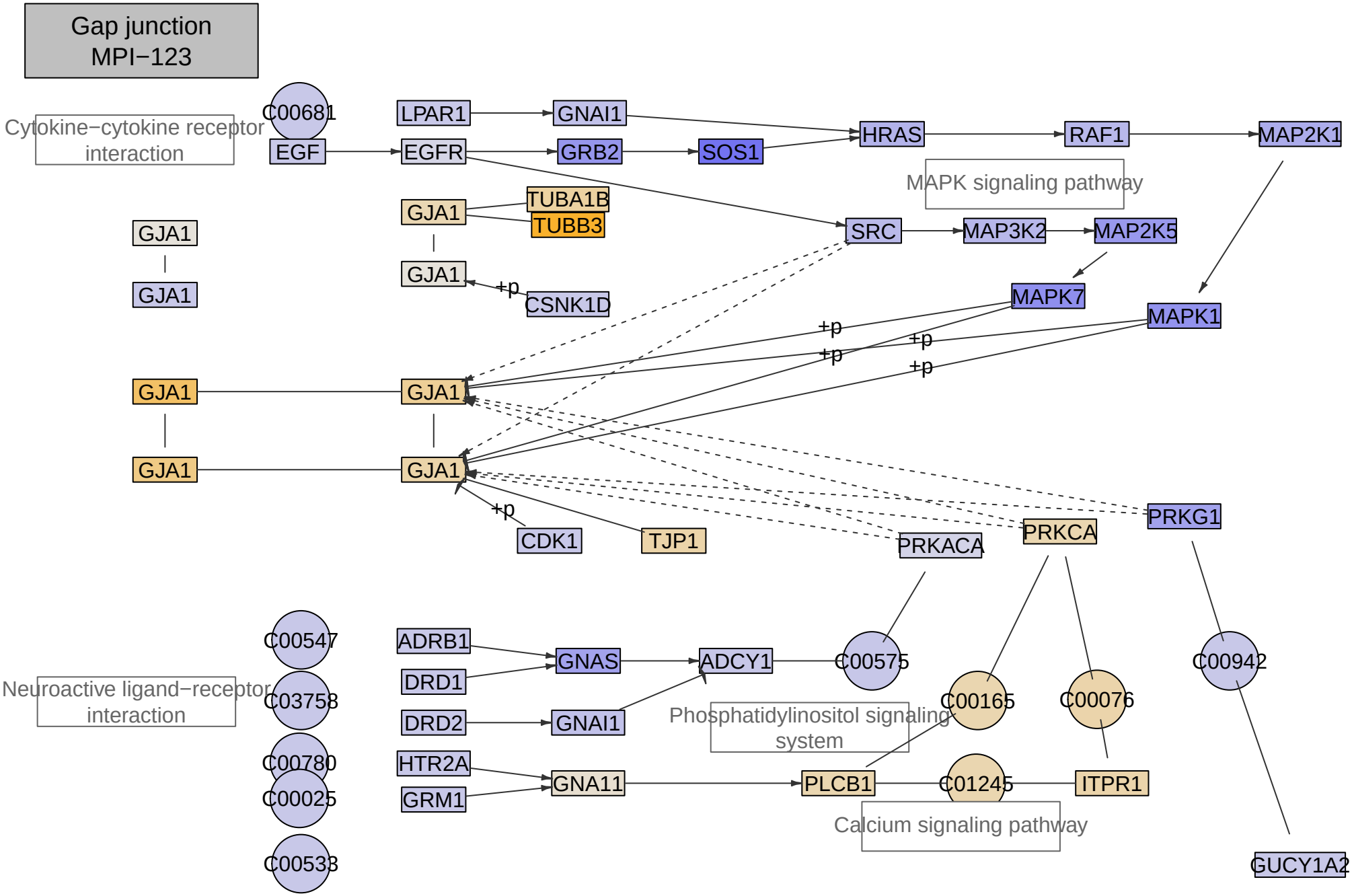

Gap junction
MPI−090
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

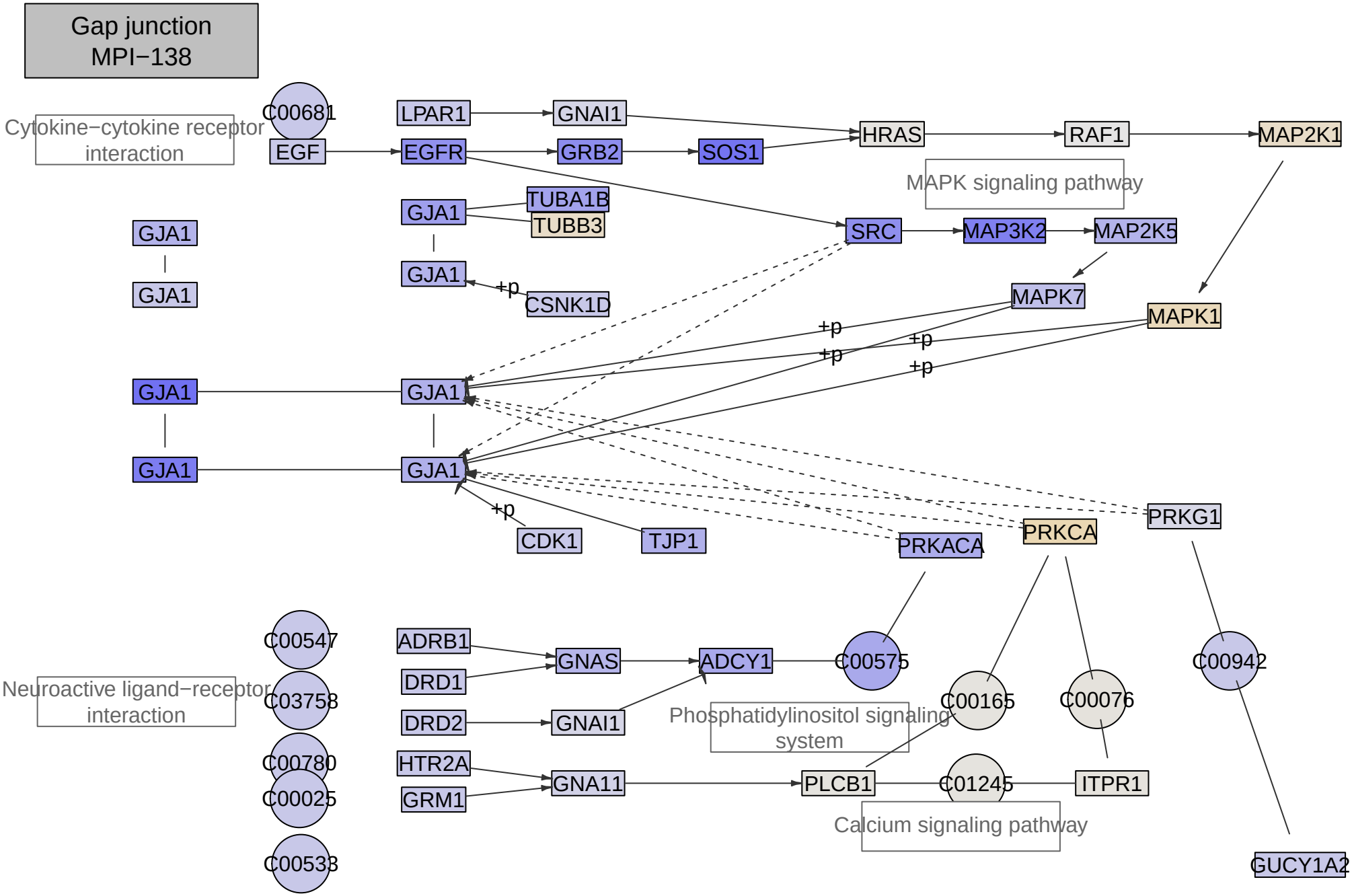

Gap junction
MPI−091
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

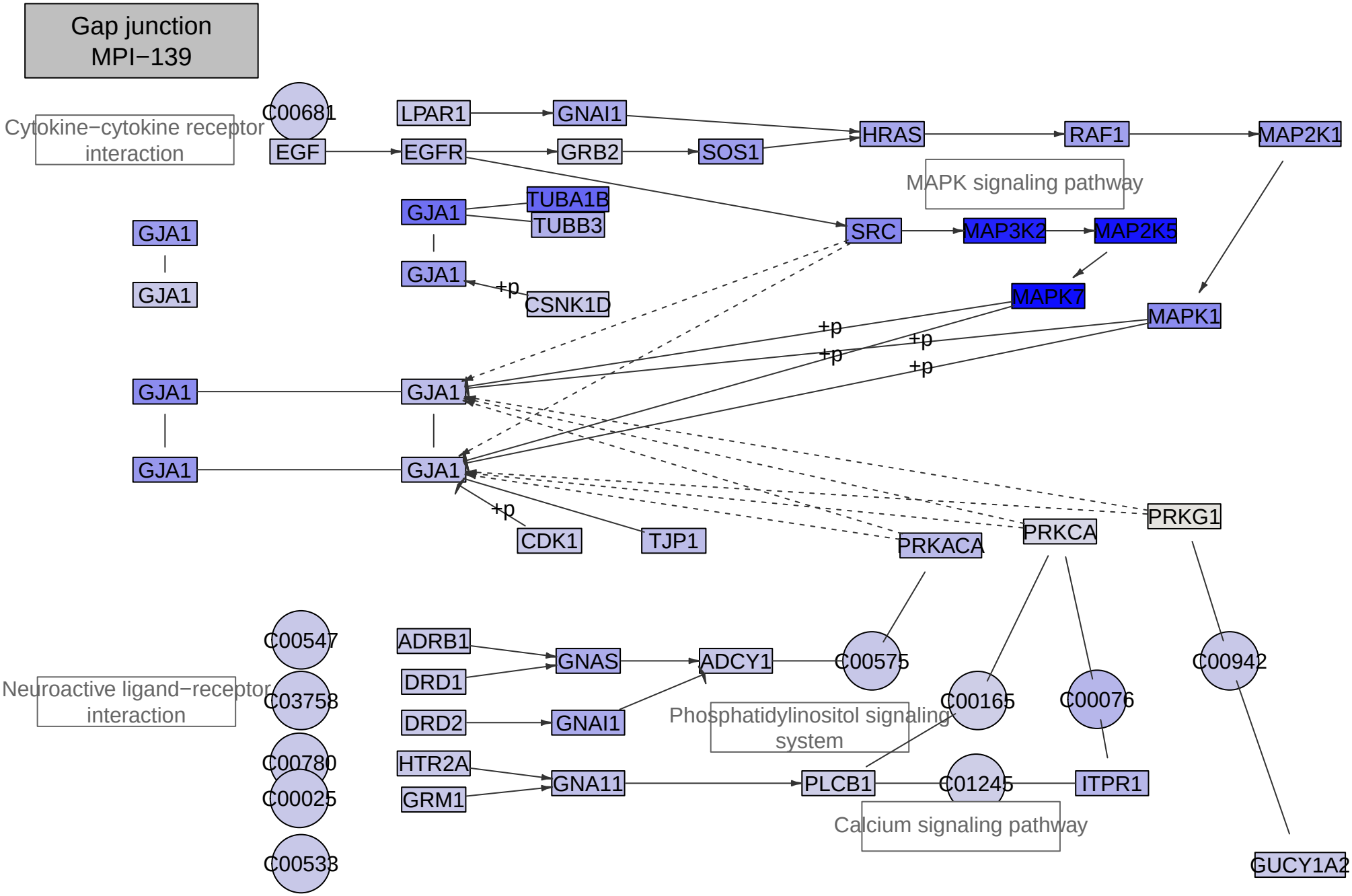

Gap junction
MPI−095
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

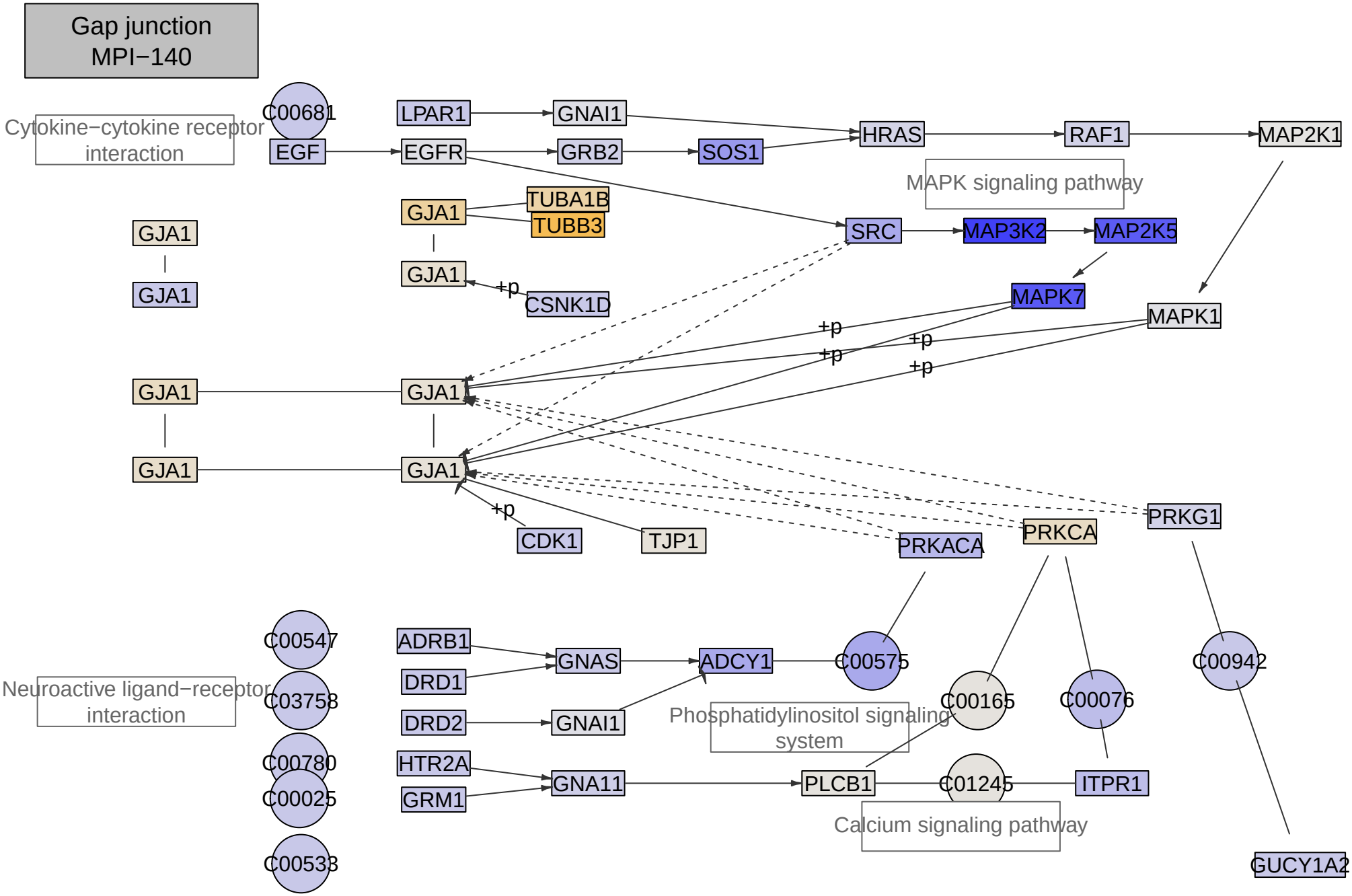

Gap junction
MPI−101
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

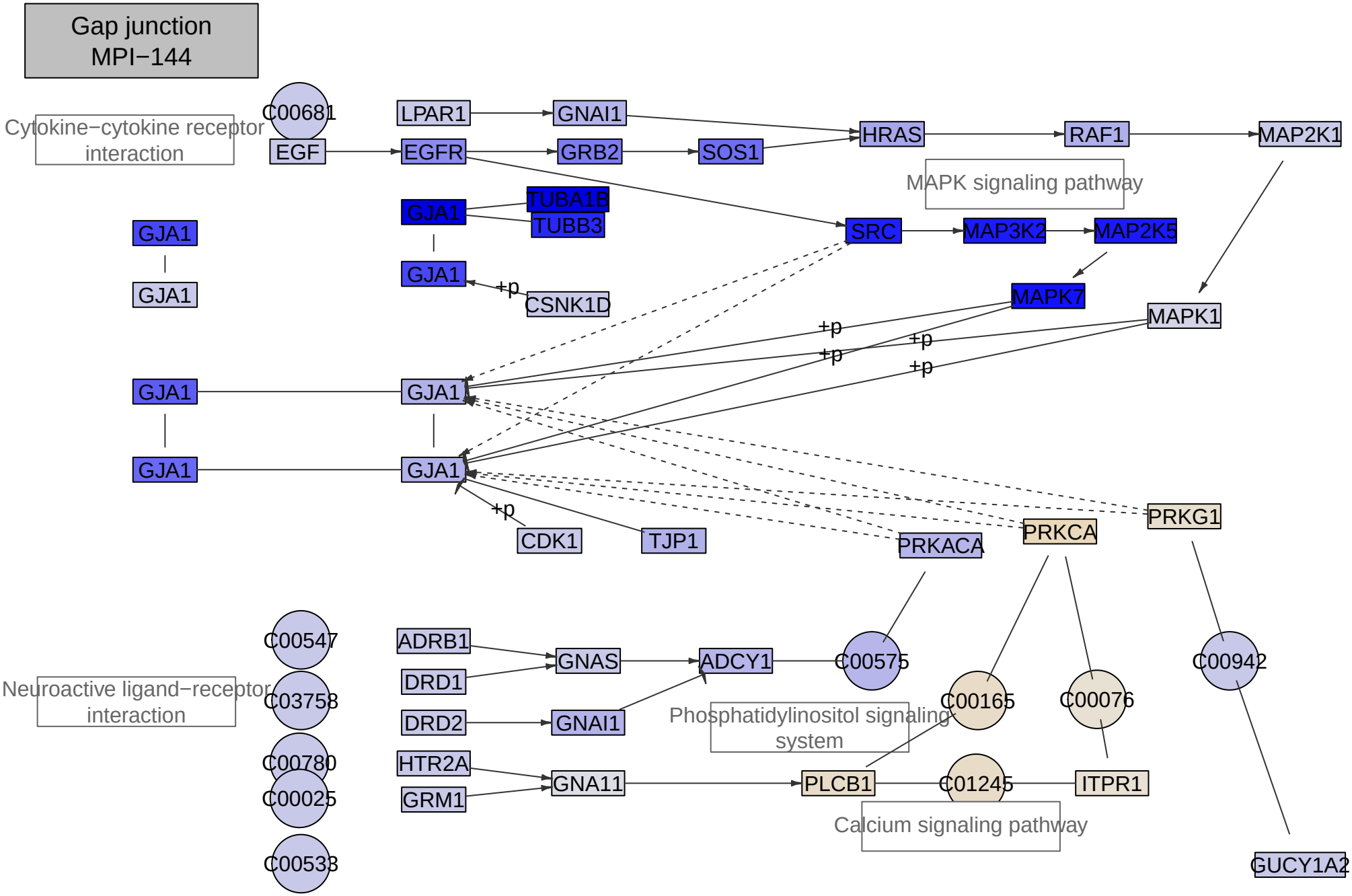

Gap junction
MPI−114
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

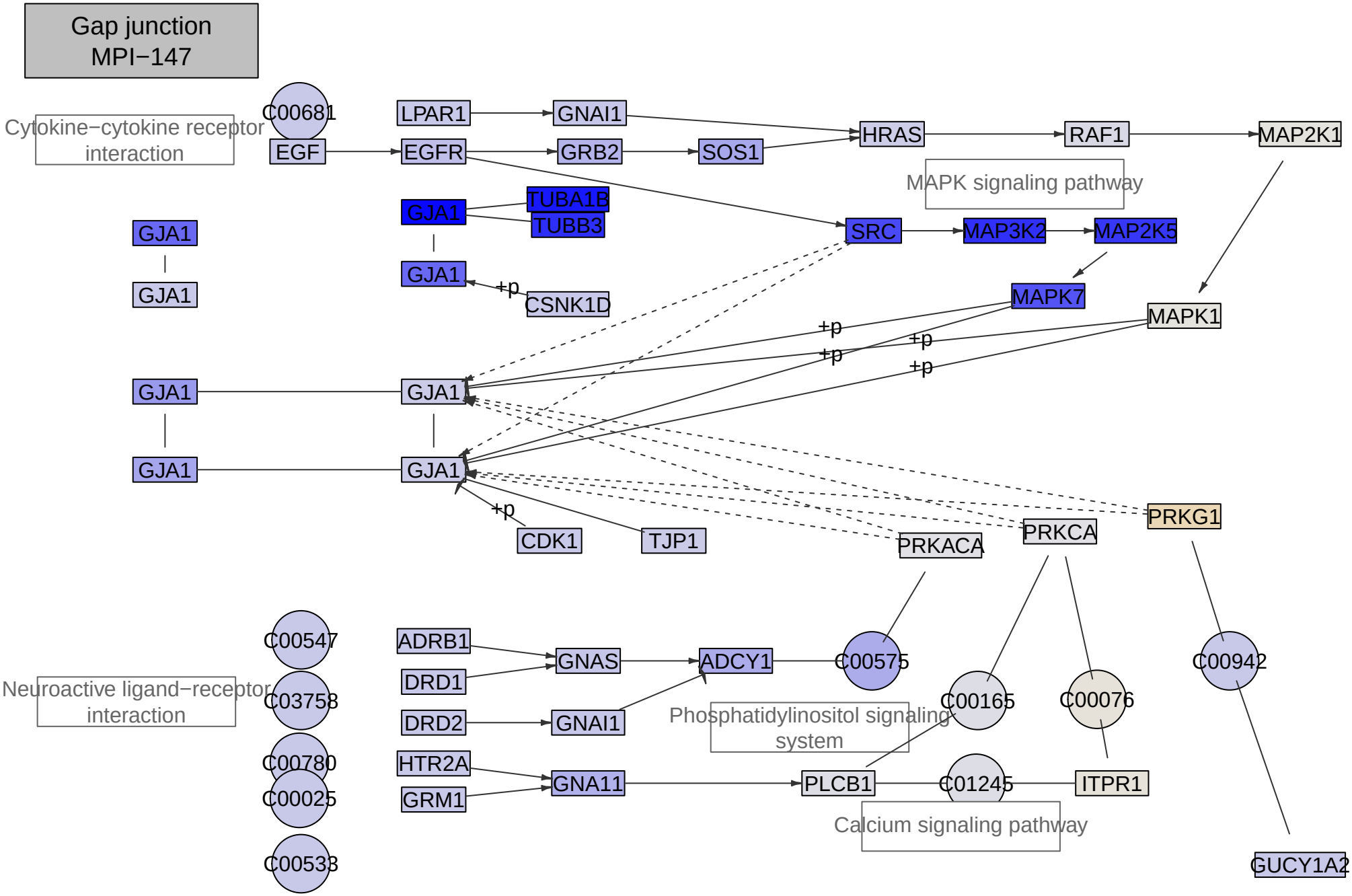

Gap junction
MPI−123
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

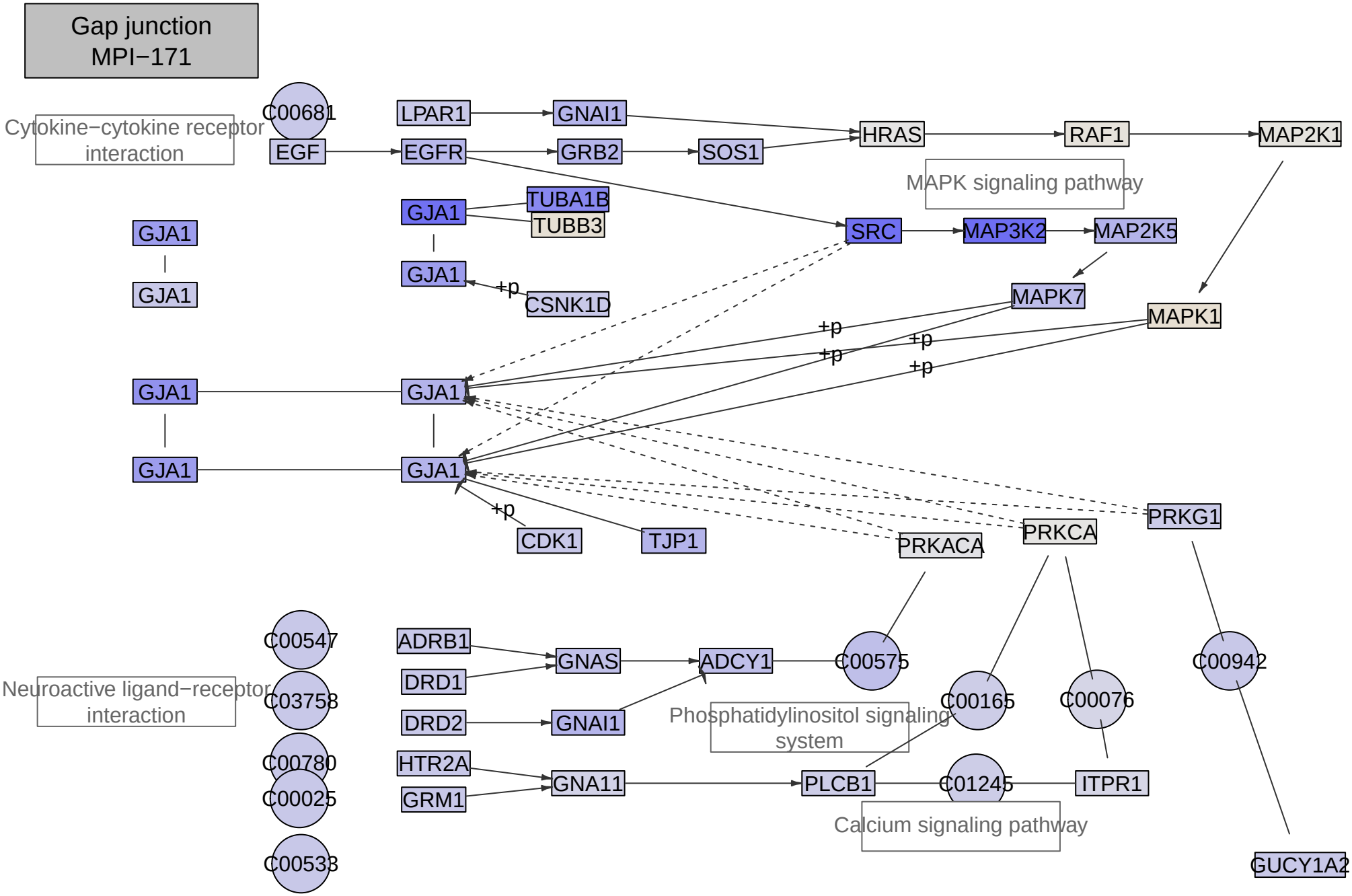

Gap junction
MPI−138
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

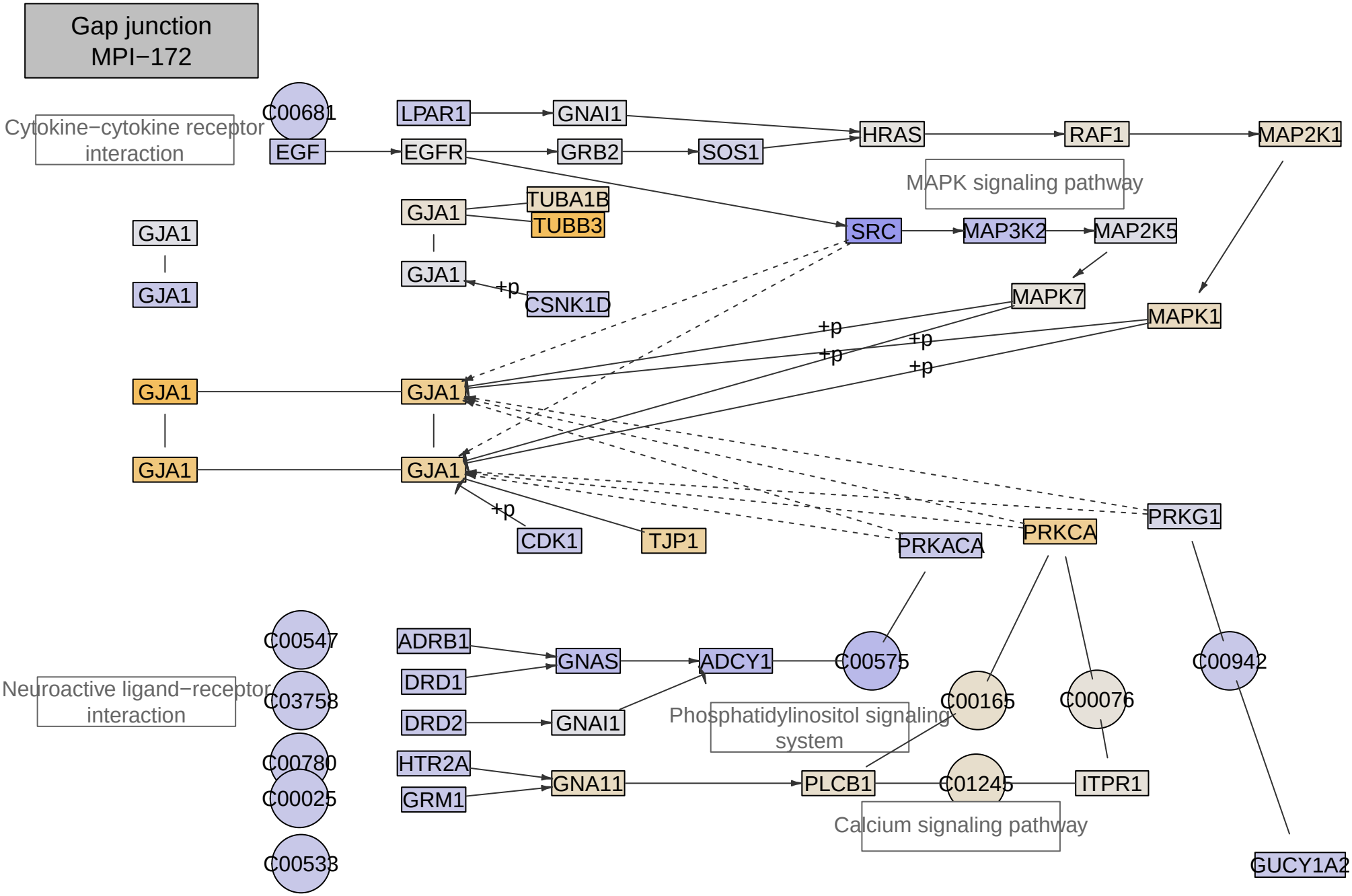

Gap junction
MPI−139
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

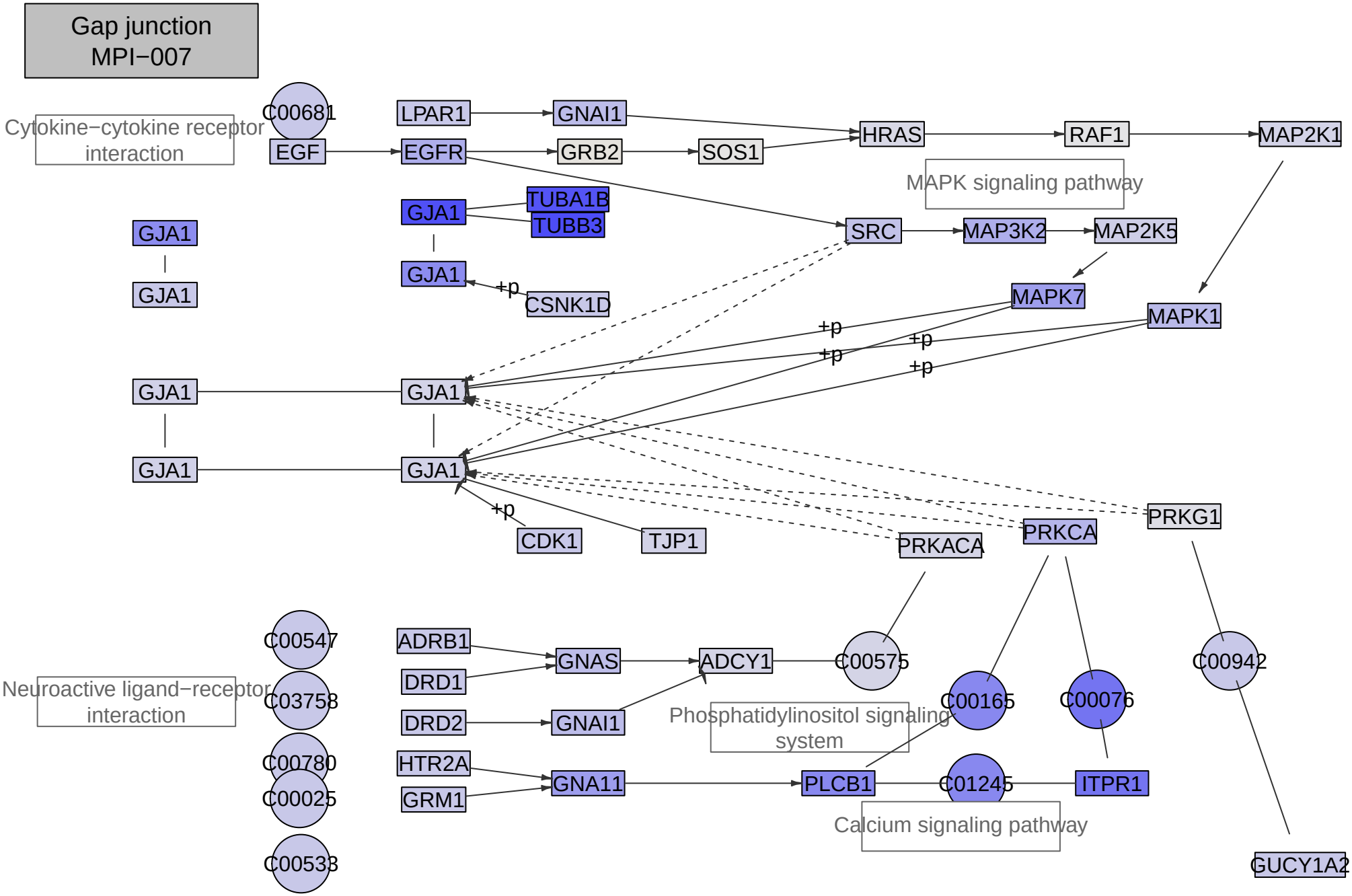

Gap junction
MPI−140
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

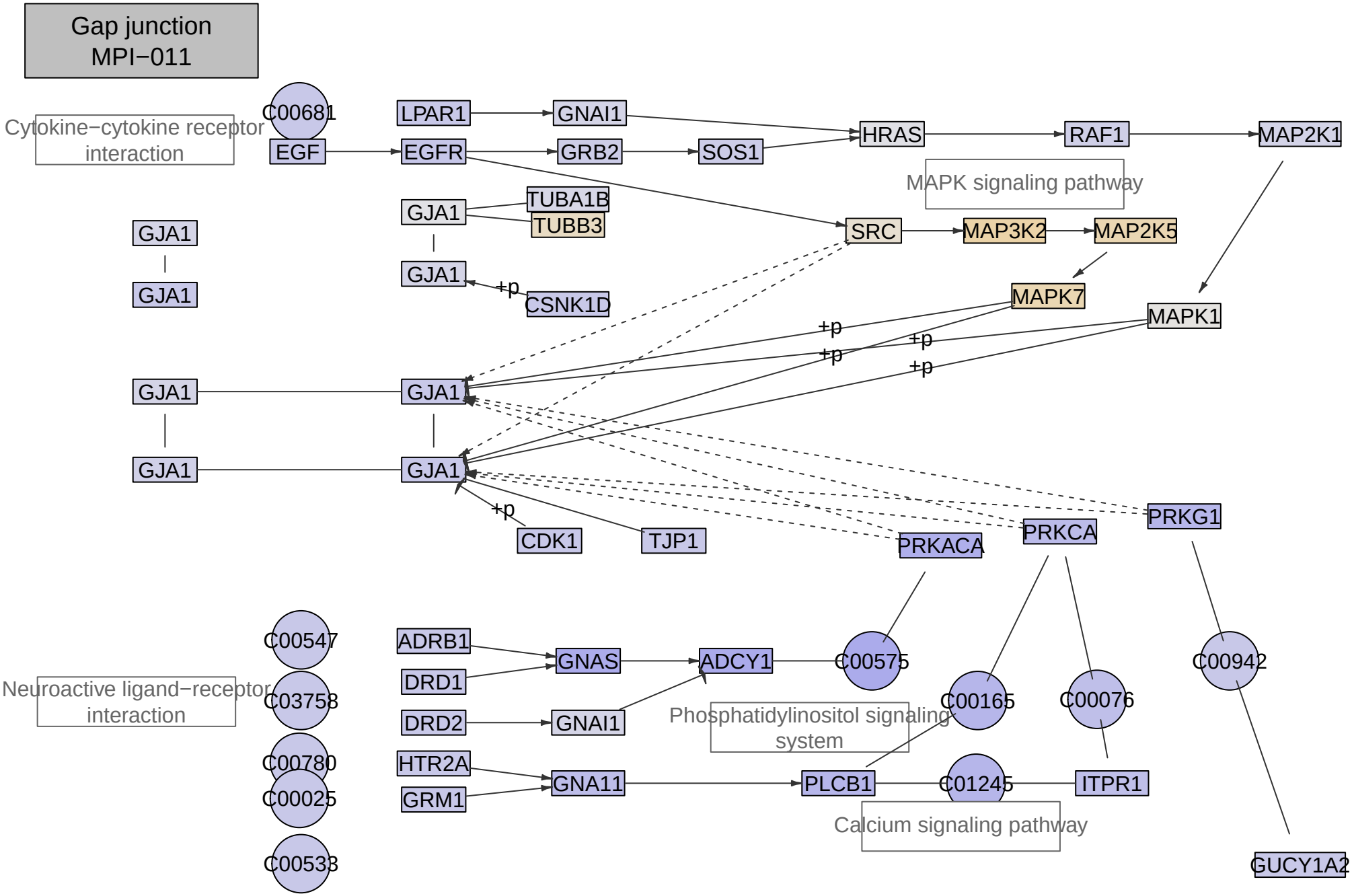

Gap junction
MPI−144
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

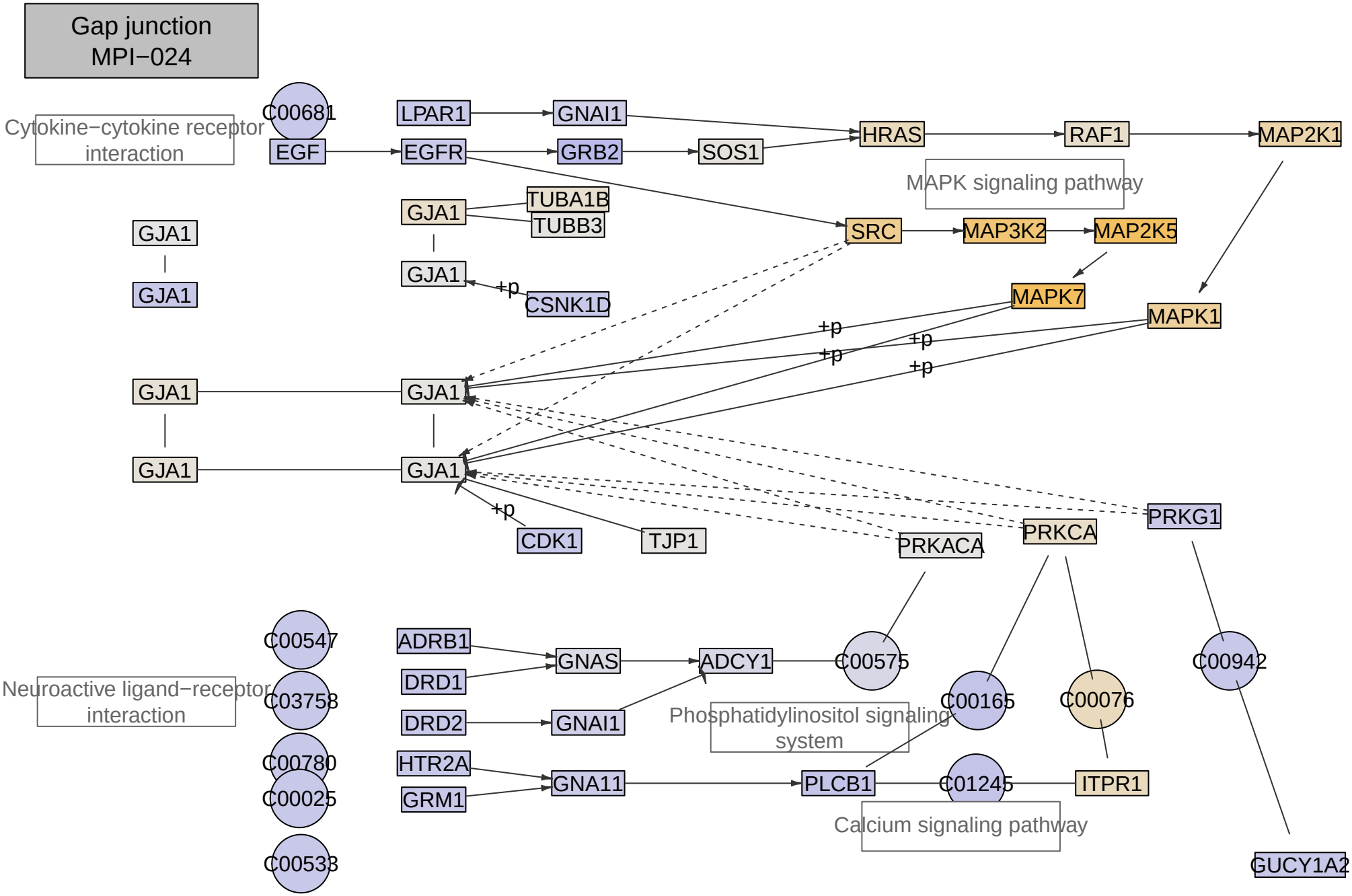

Gap junction
MPI−147
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

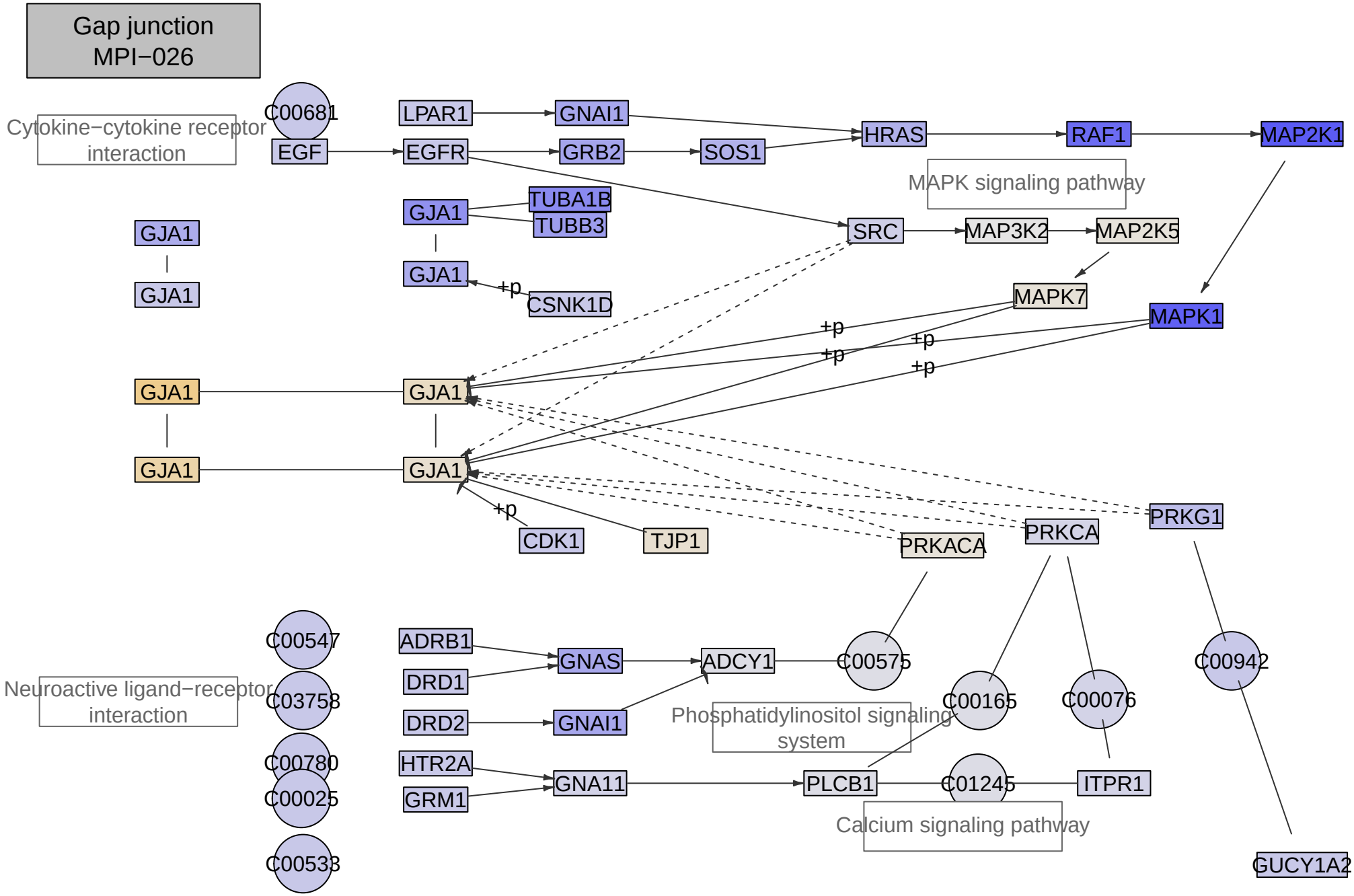

Gap junction
MPI−171
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

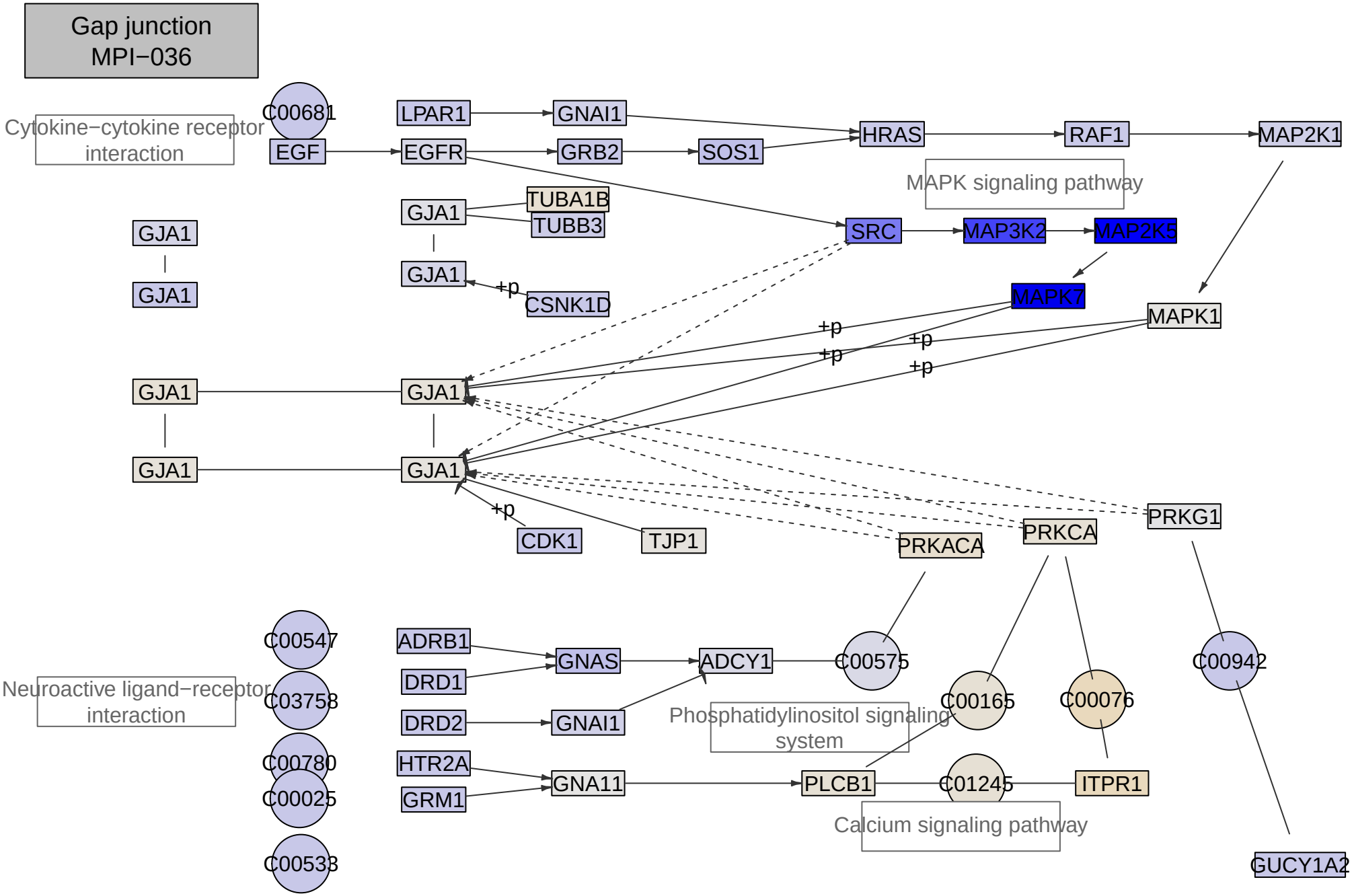

Gap junction
MPI−172
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

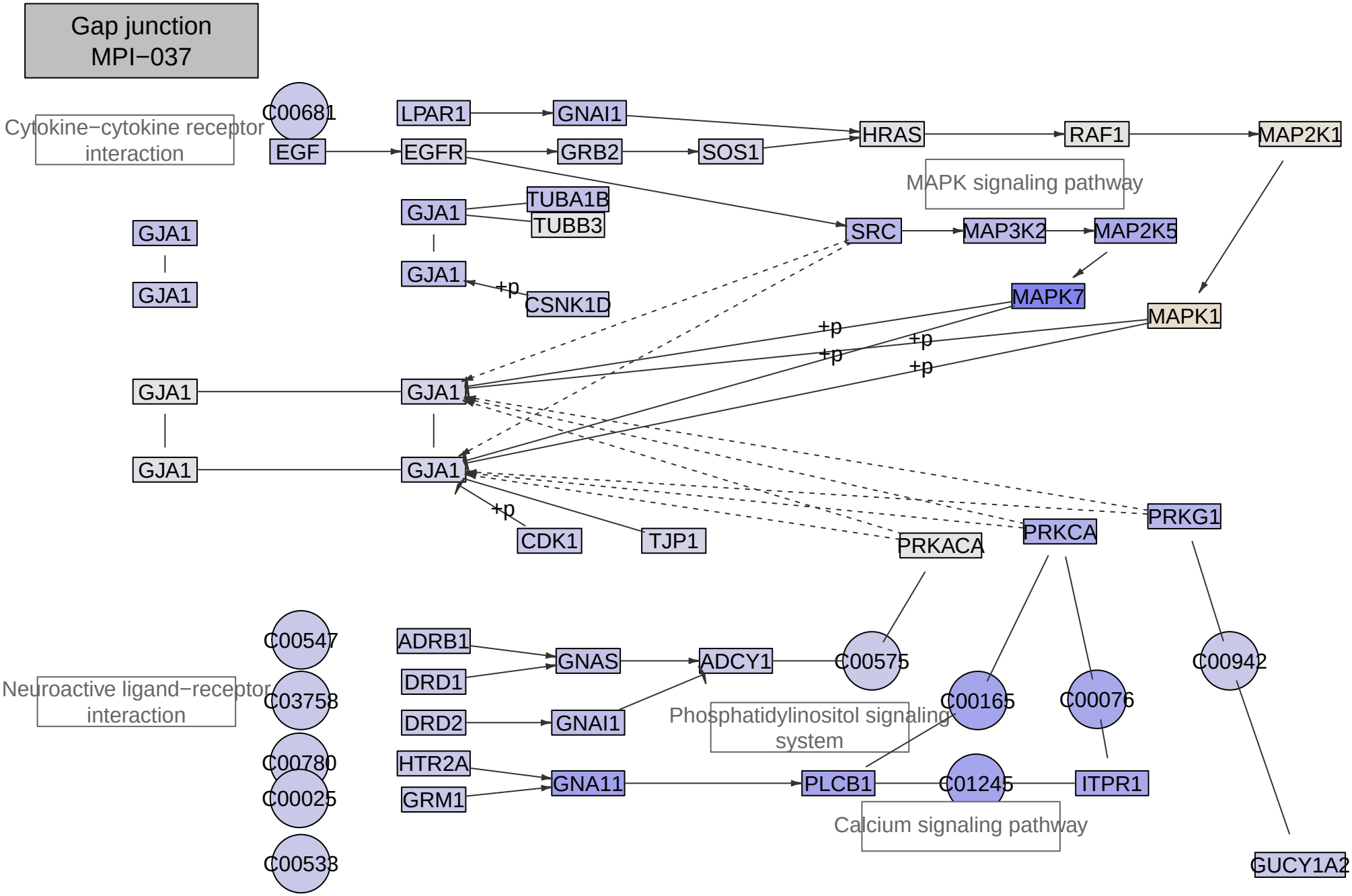

Gap junction
MPI−007
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

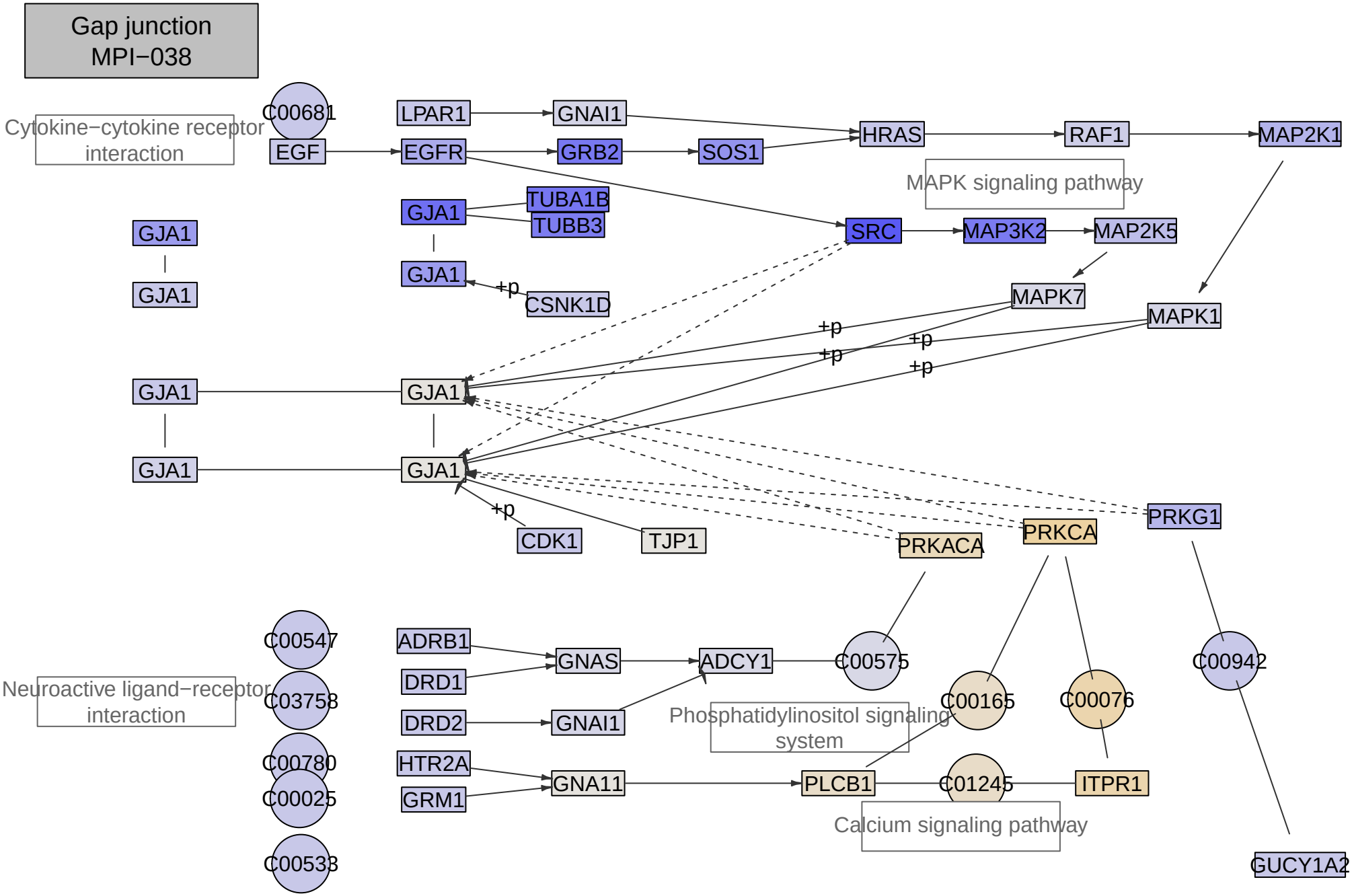

Gap junction
MPI−011
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

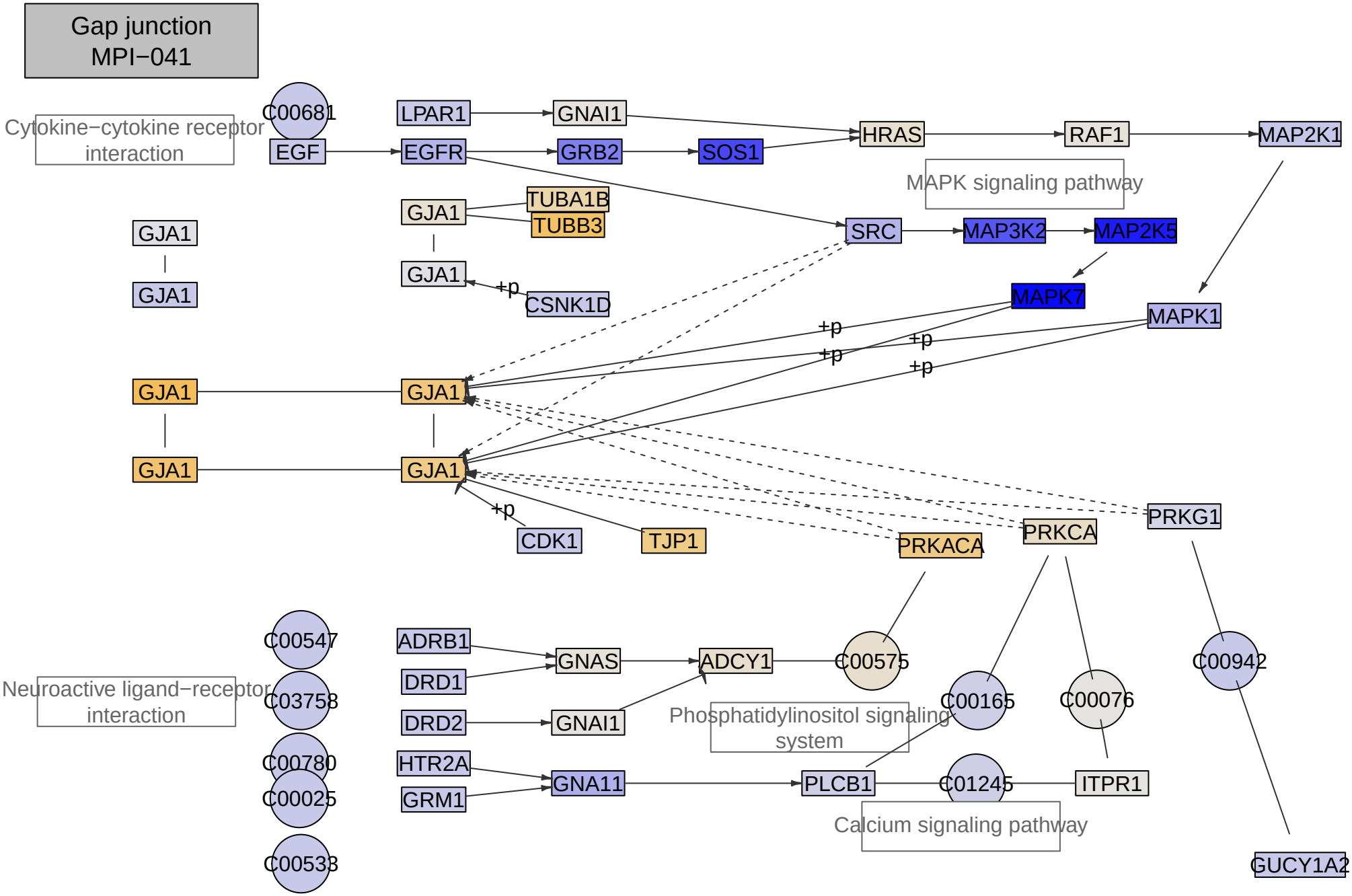

Gap junction
MPI−024
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

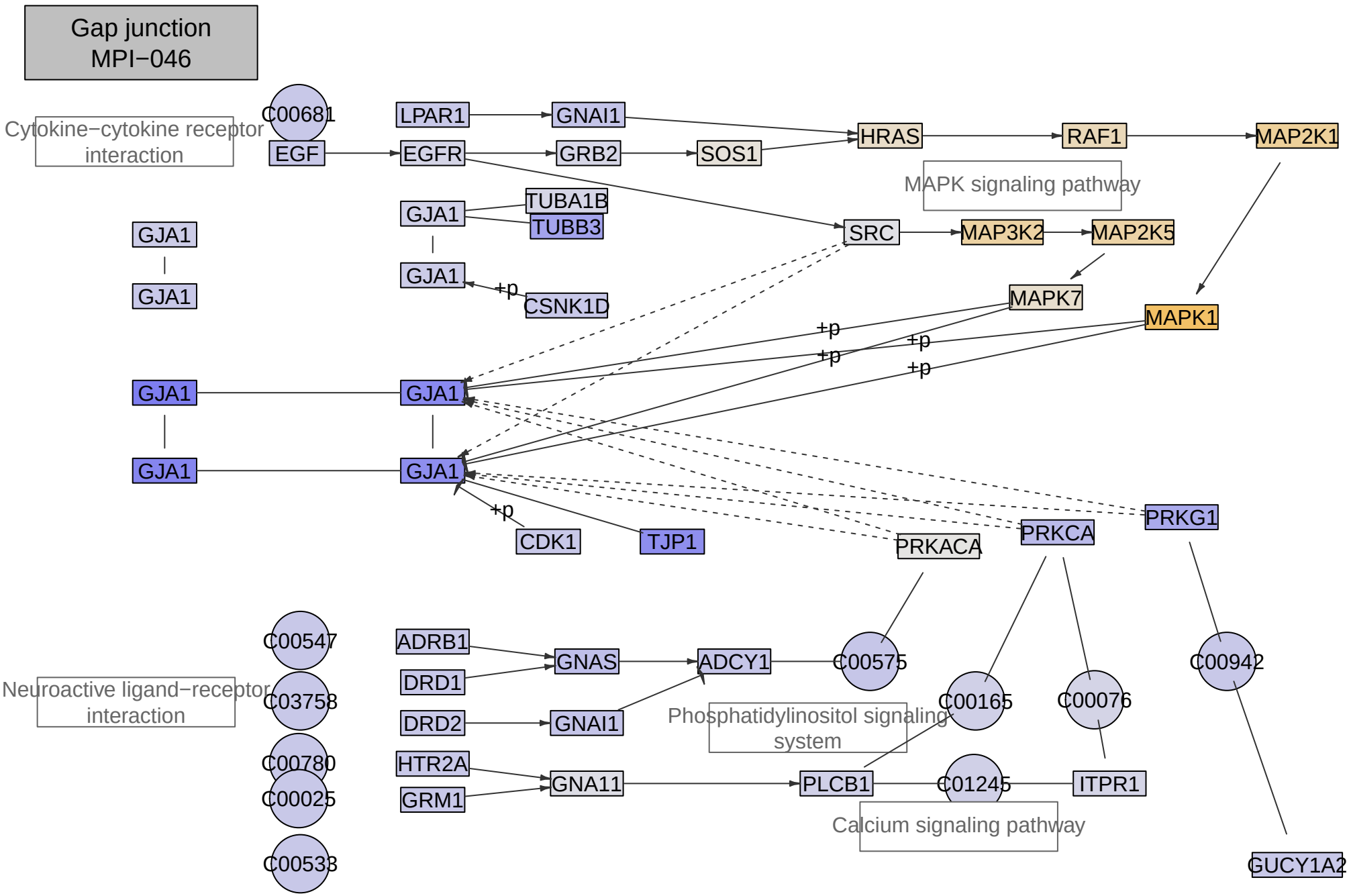

Gap junction
MPI−026
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
GNA11
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

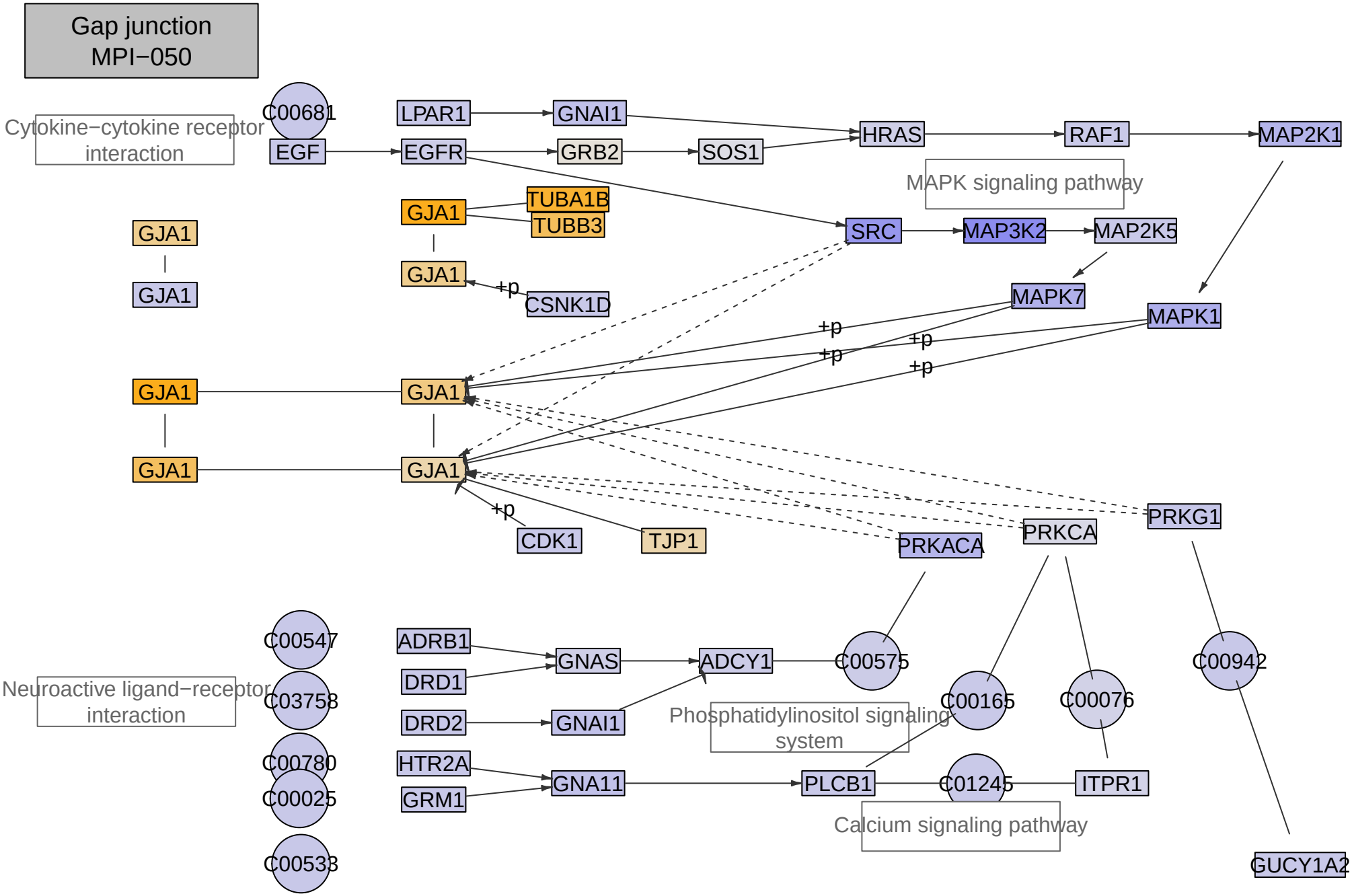

Gap junction
MPI−036
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

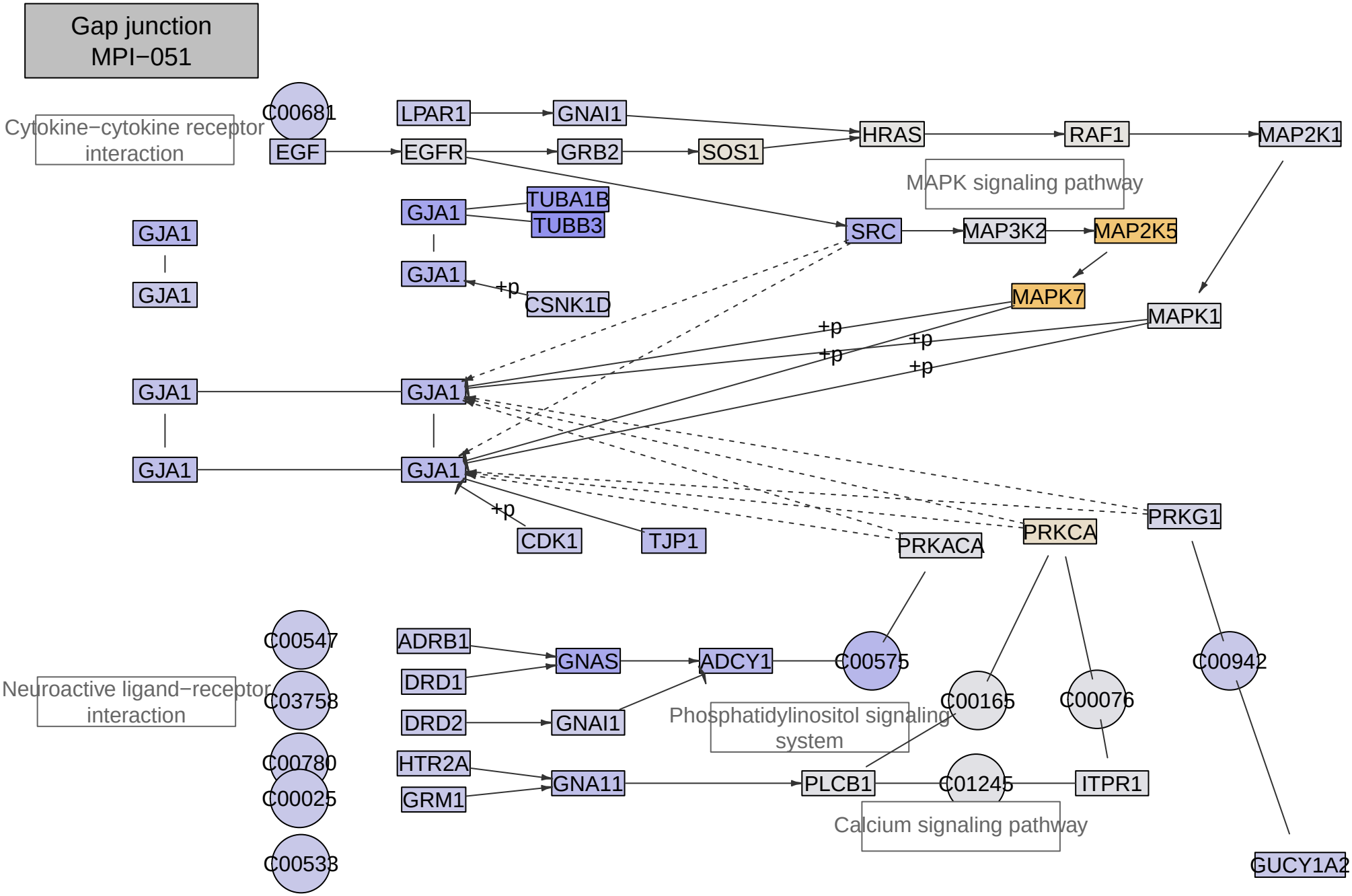

Gap junction
MPI−037
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

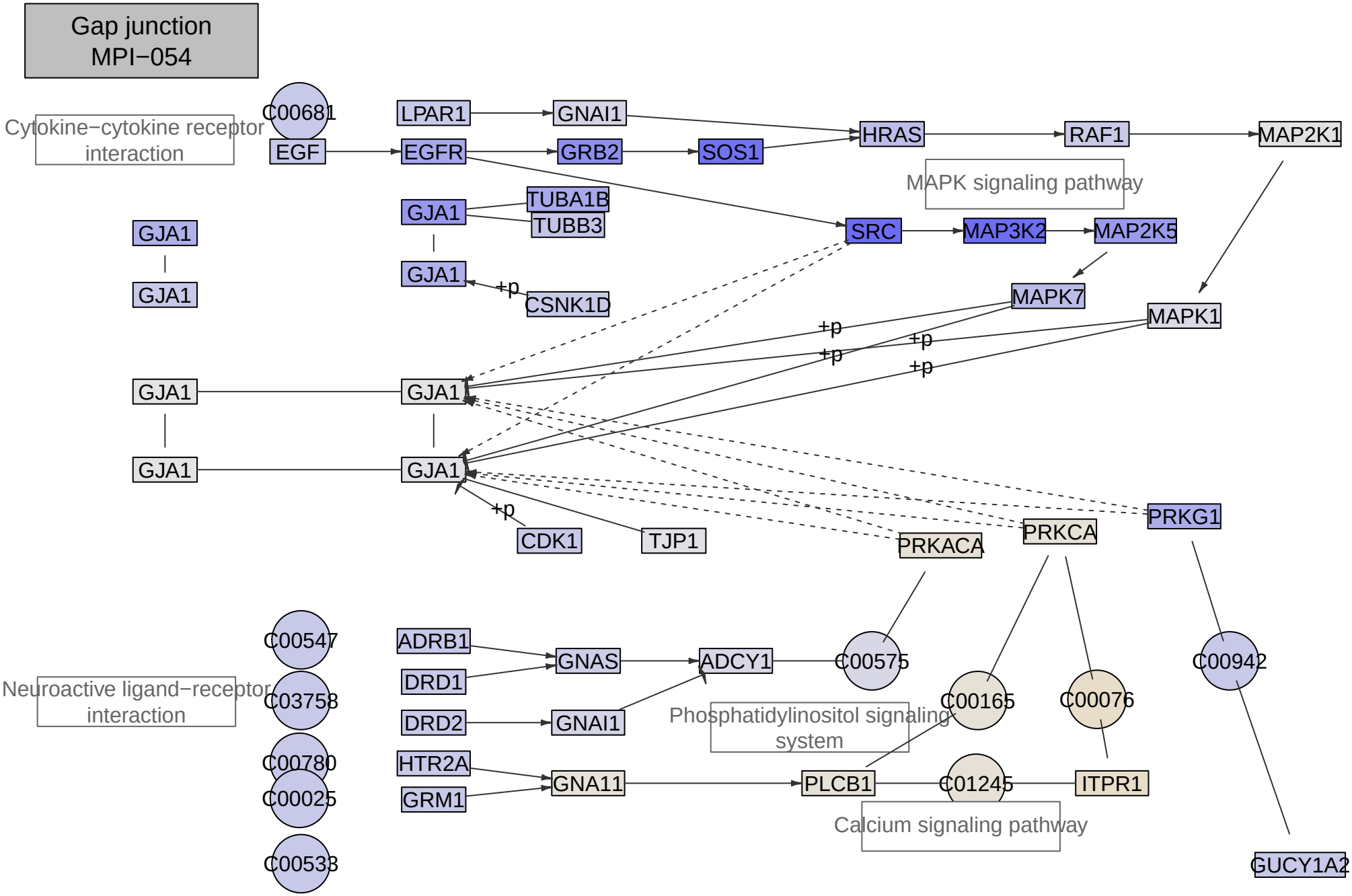

Gap junction
MPI−038
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

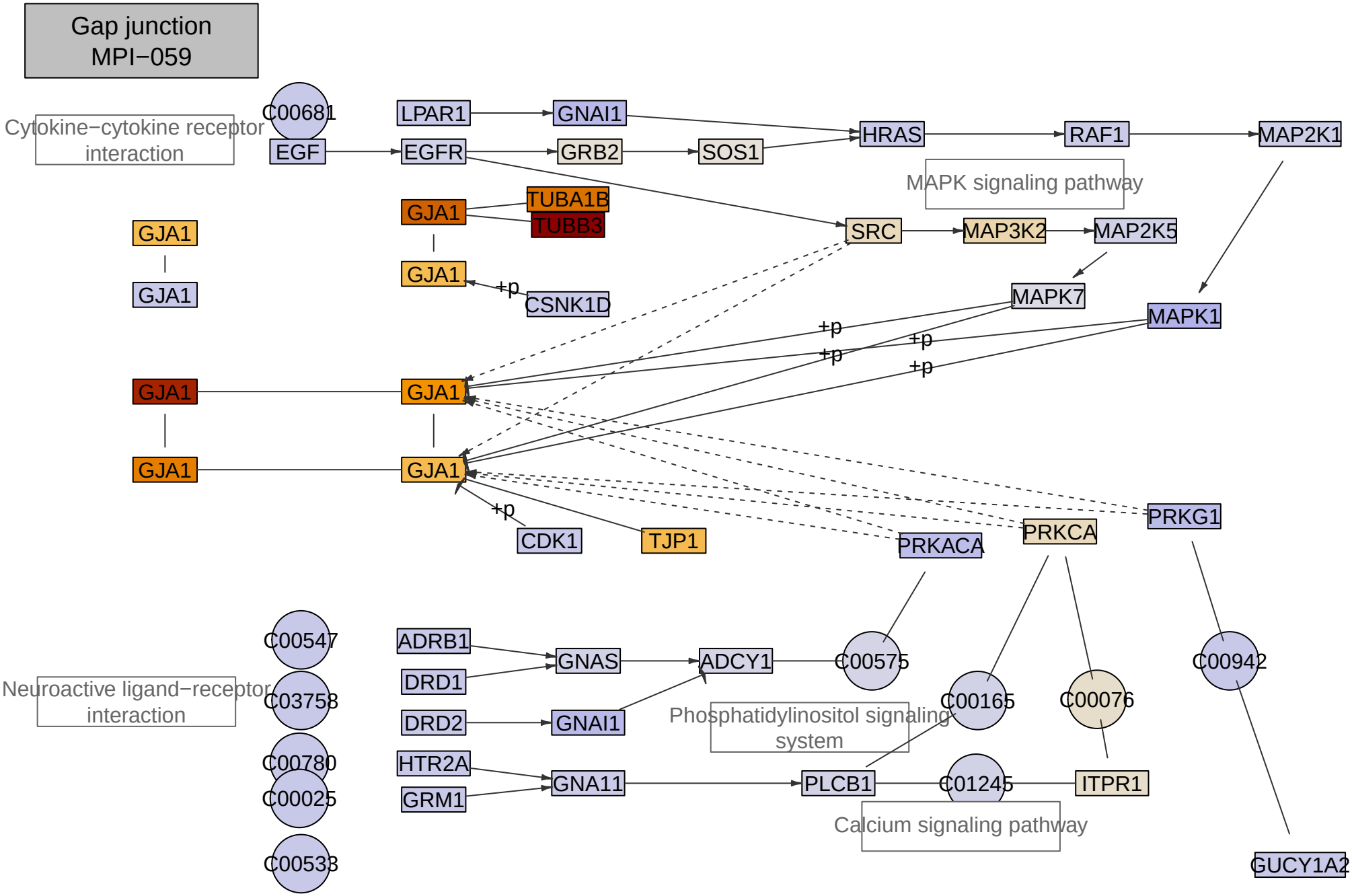

Gap junction
MPI−041
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

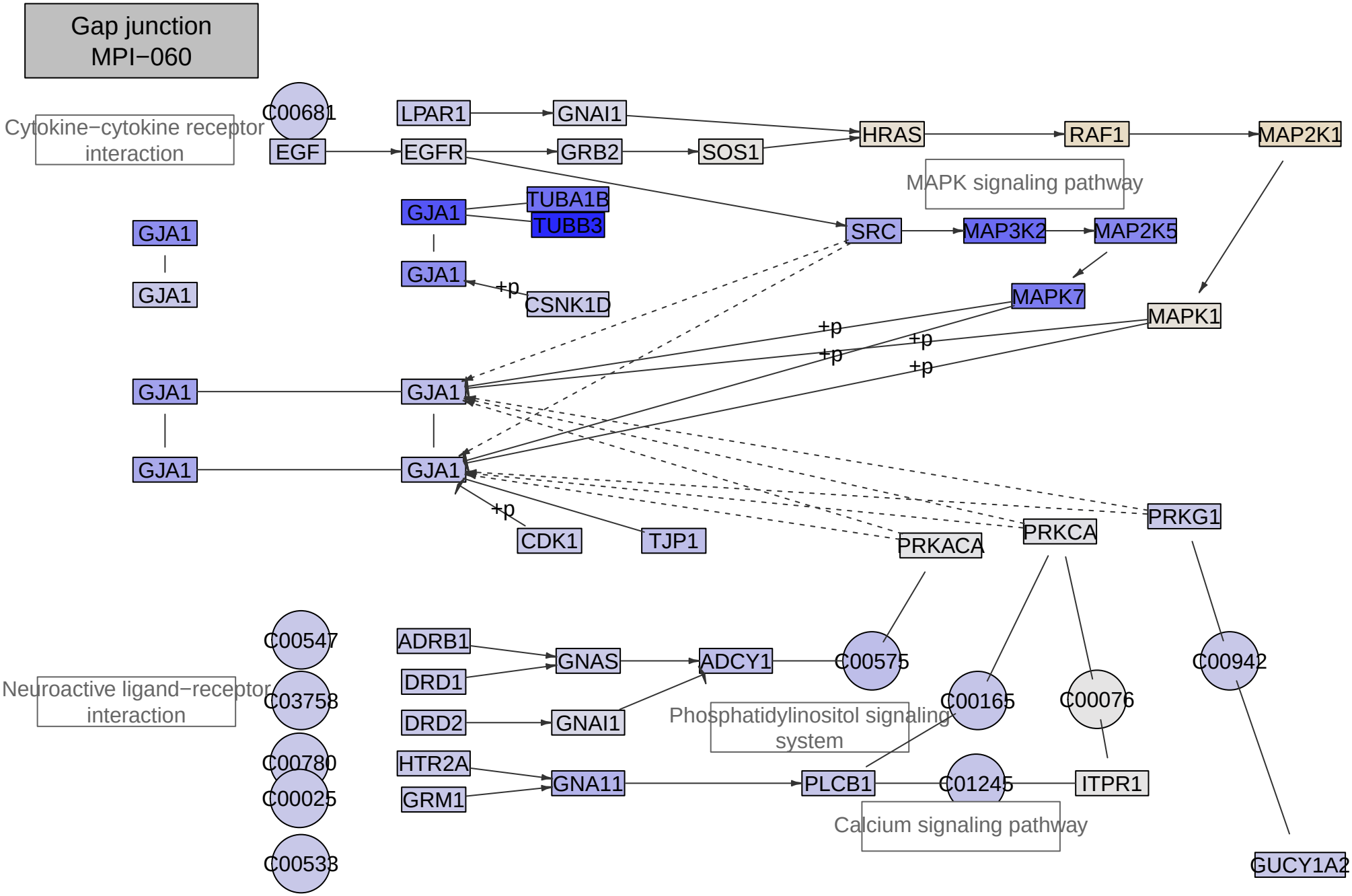

Gap junction
MPI−046
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

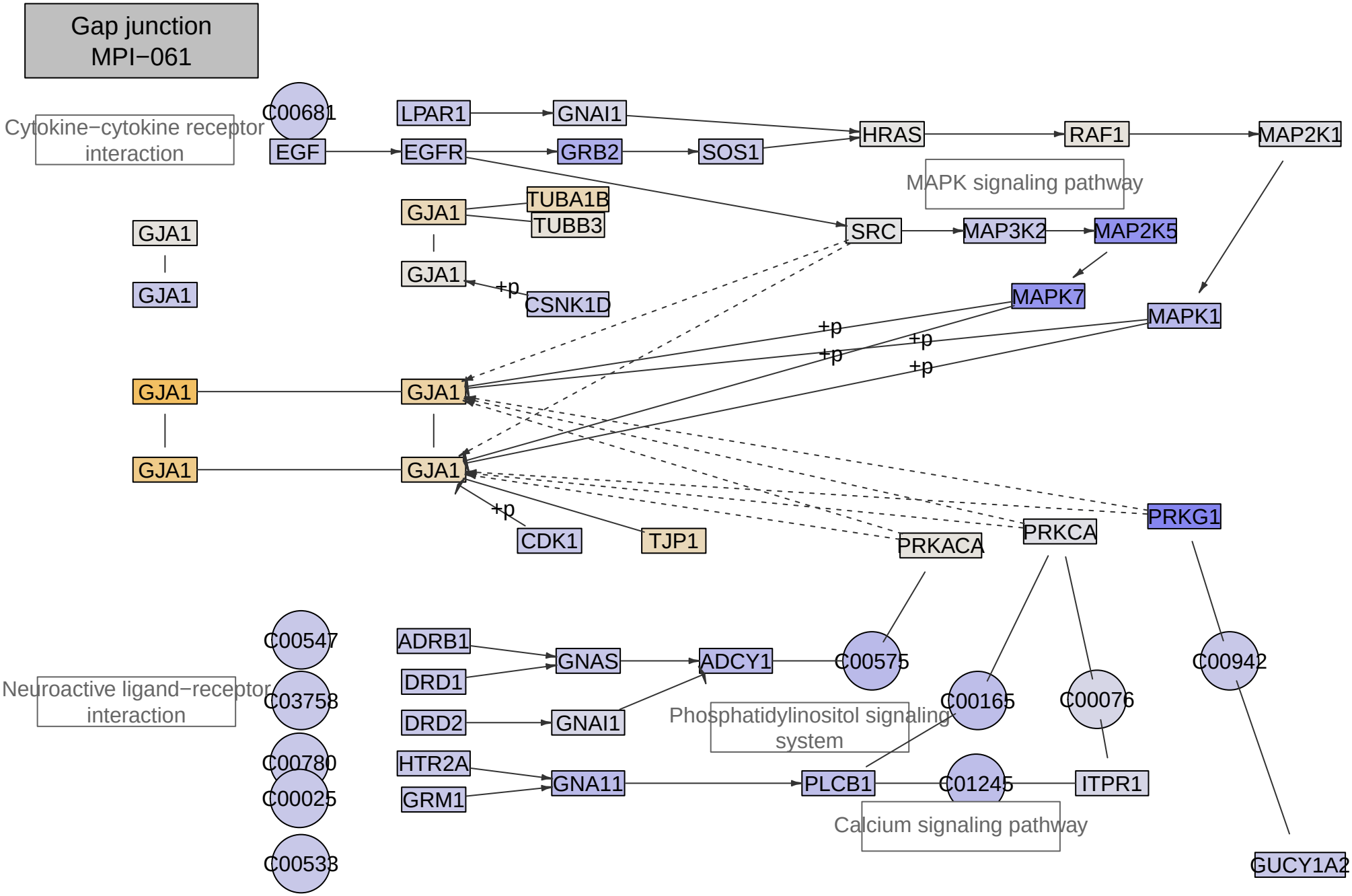

Gap junction
MPI−050
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

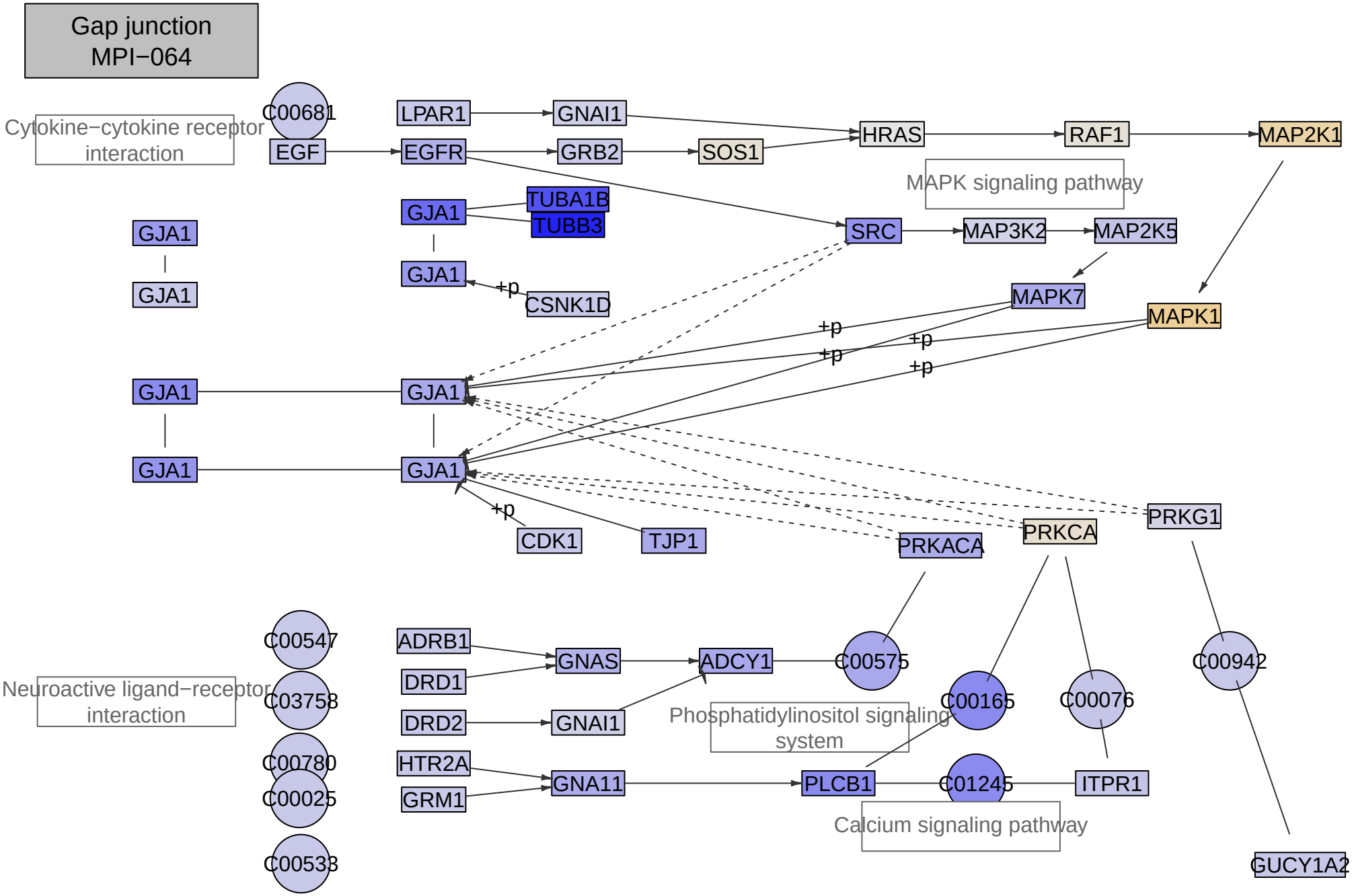

Gap junction
MPI−051
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

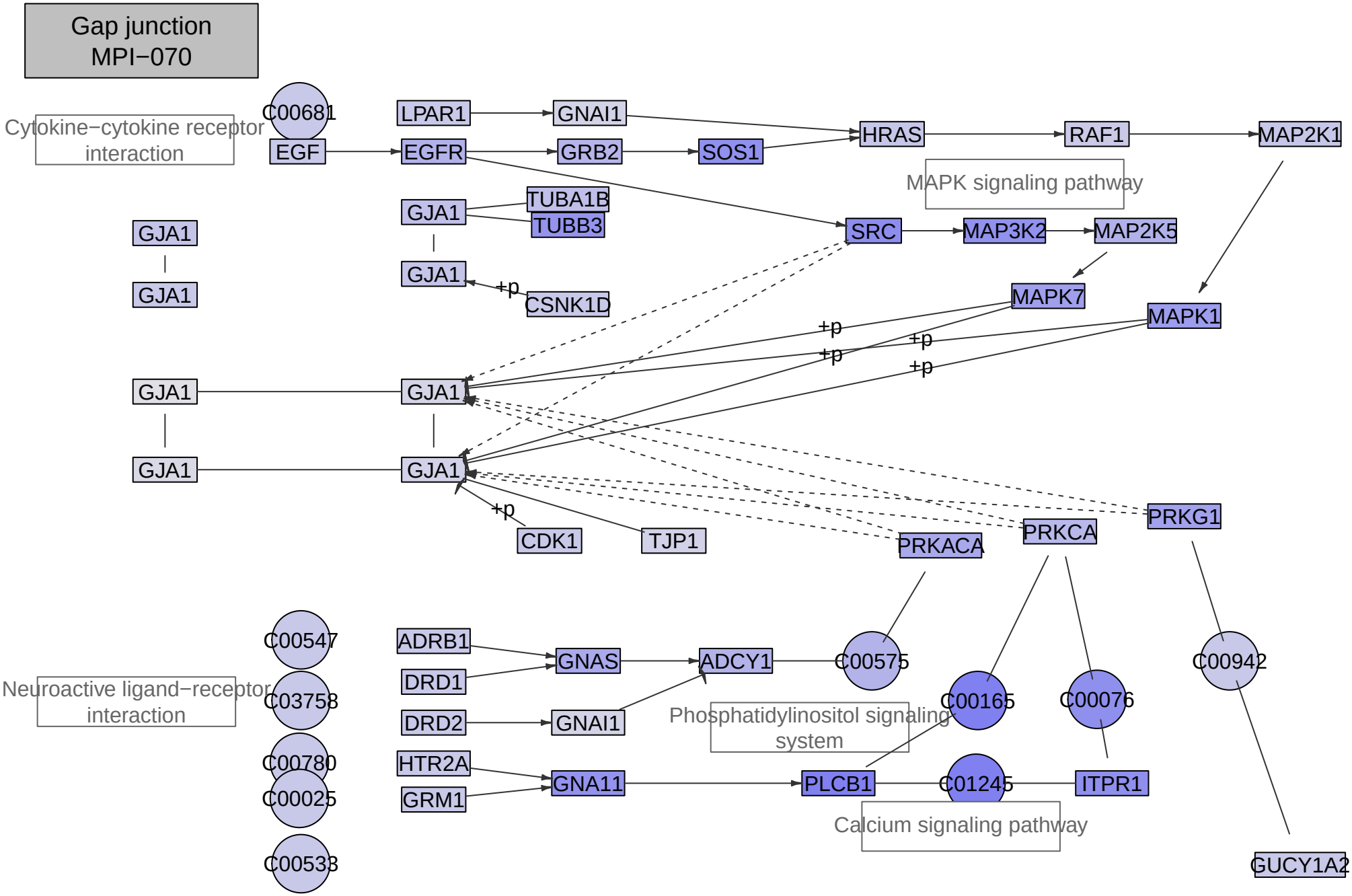

Gap junction
MPI−054
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

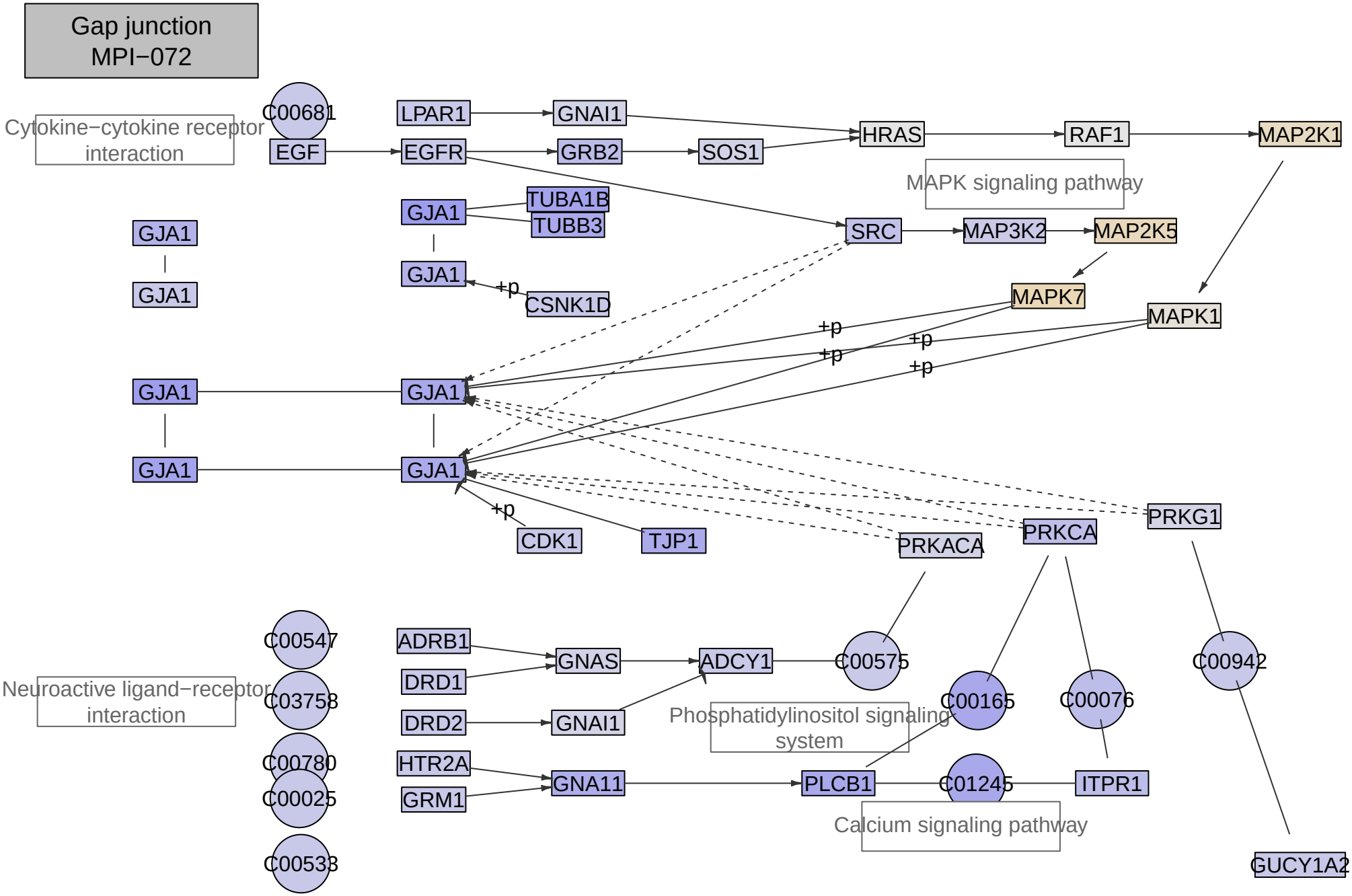

Gap junction
MPI−059
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

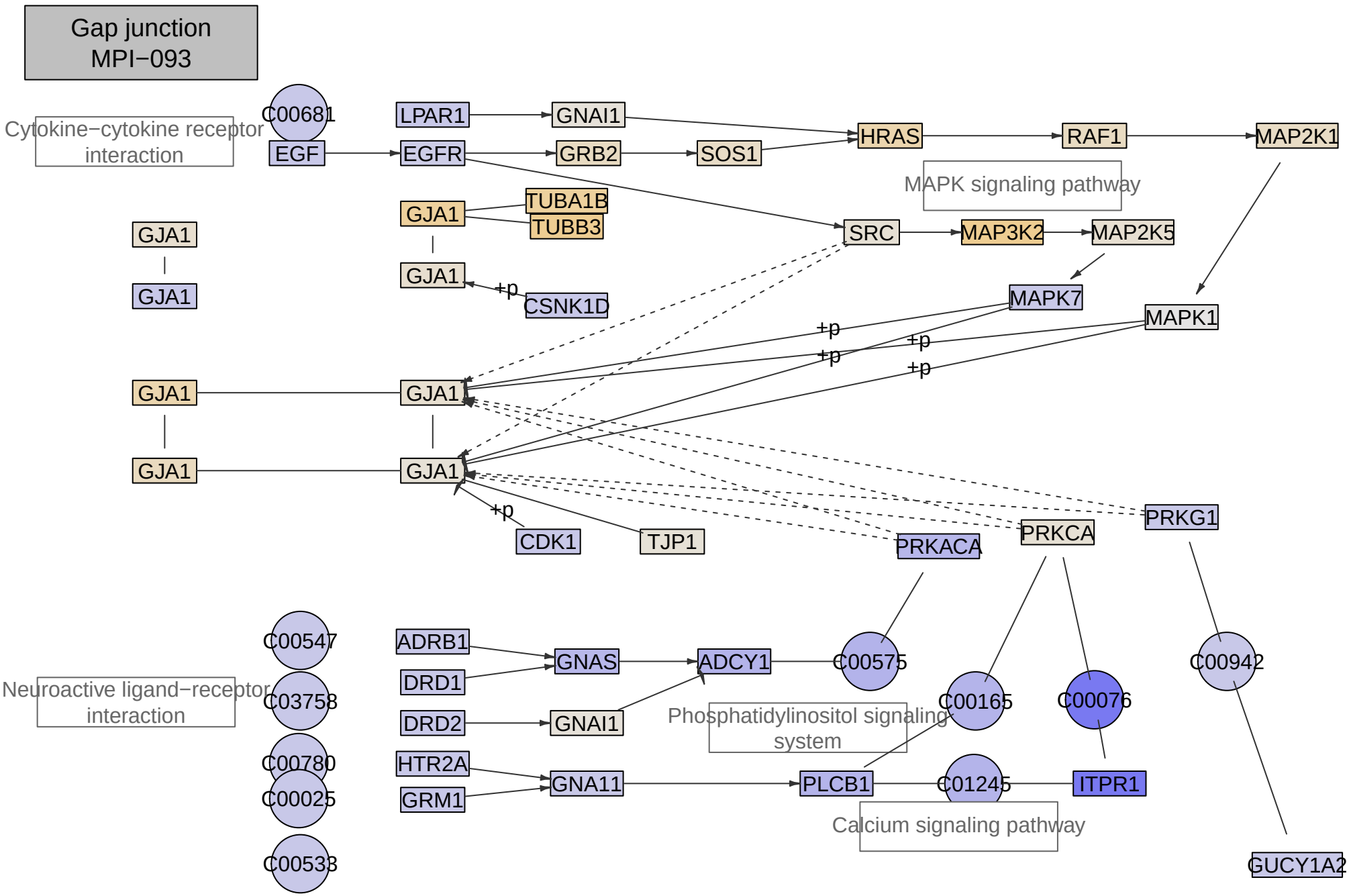

Gap junction
MPI−060
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

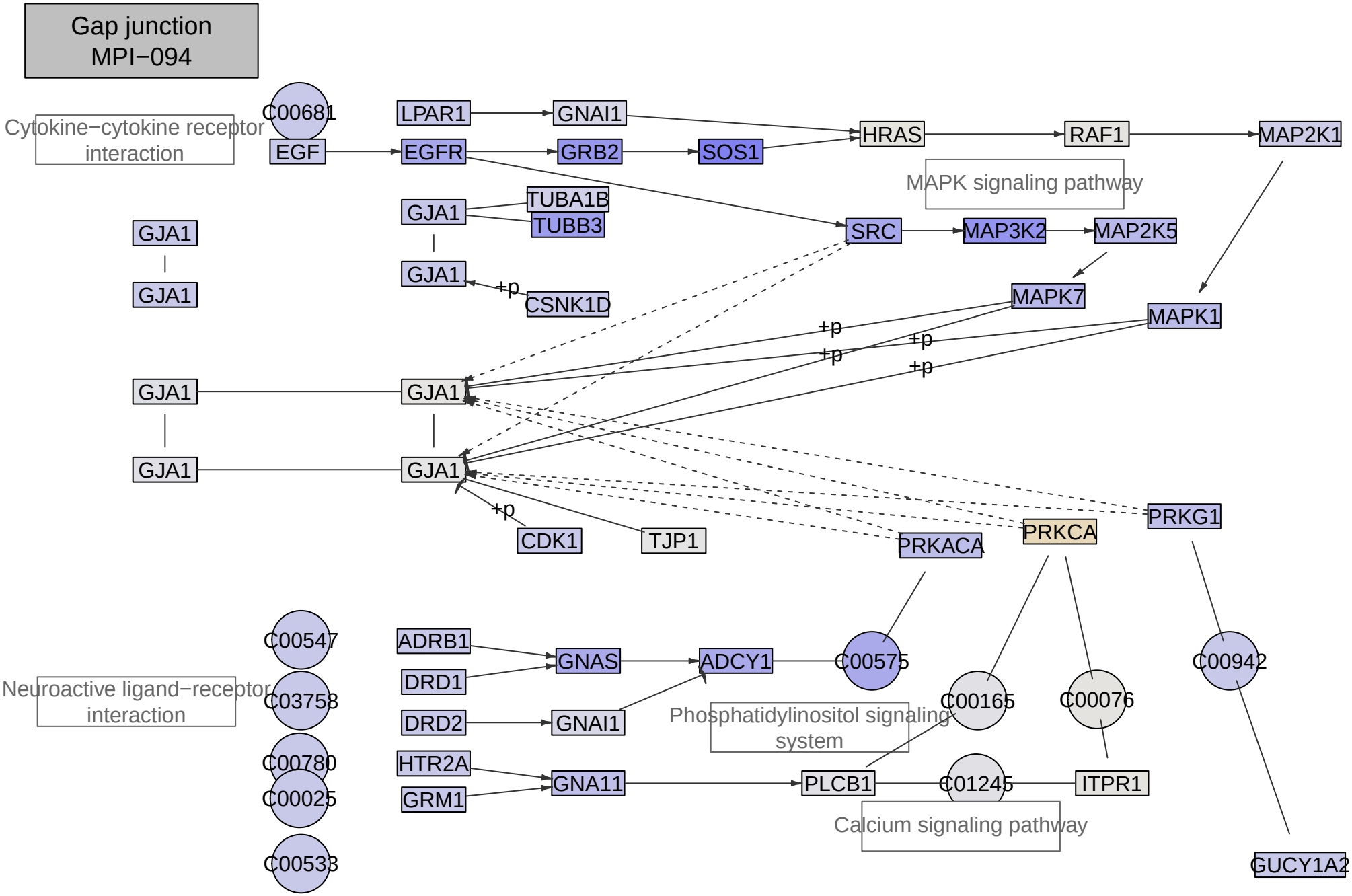

Gap junction
MPI−061
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

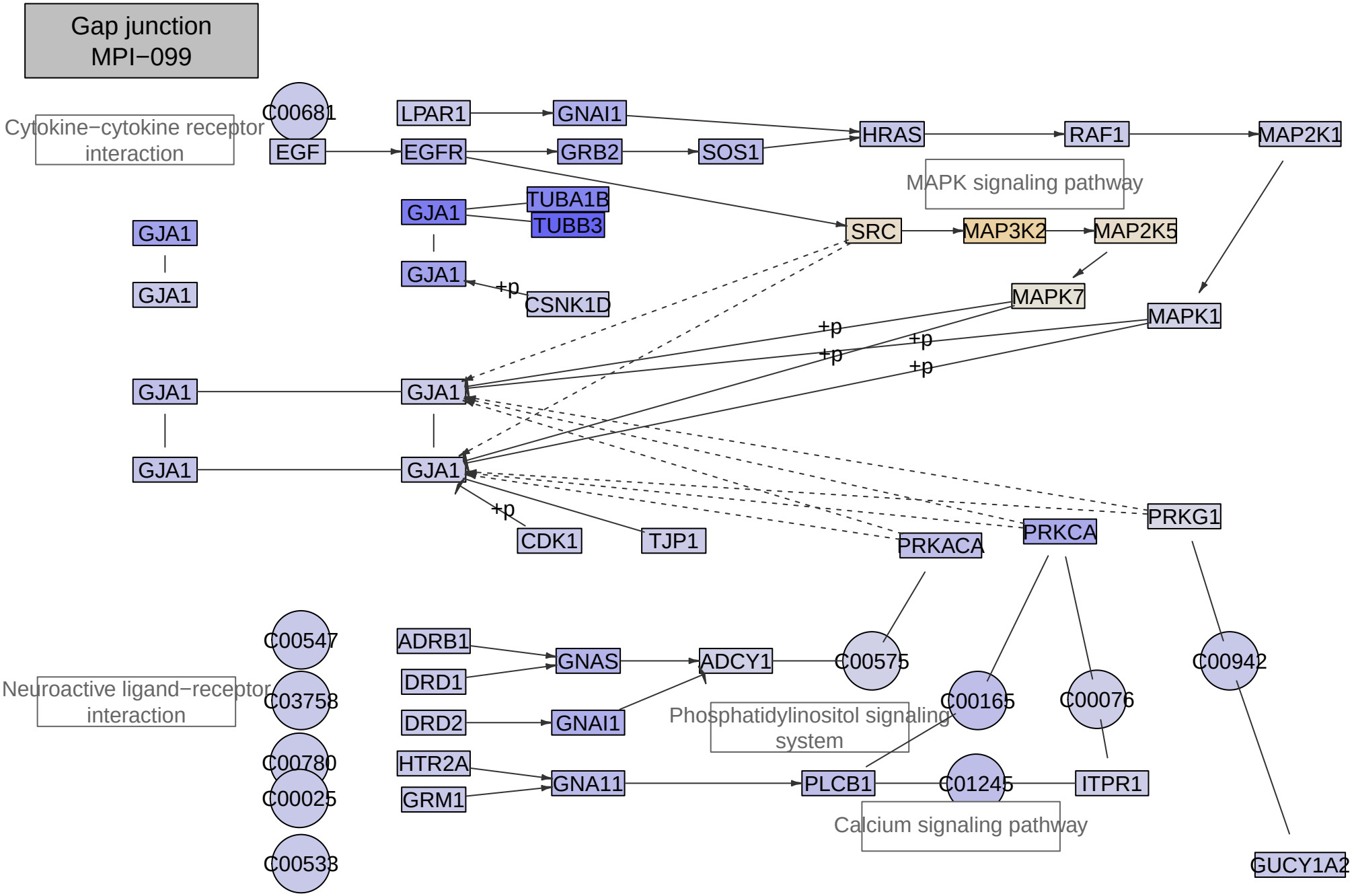

Gap junction
MPI−064
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00942
GUCY1A2
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway

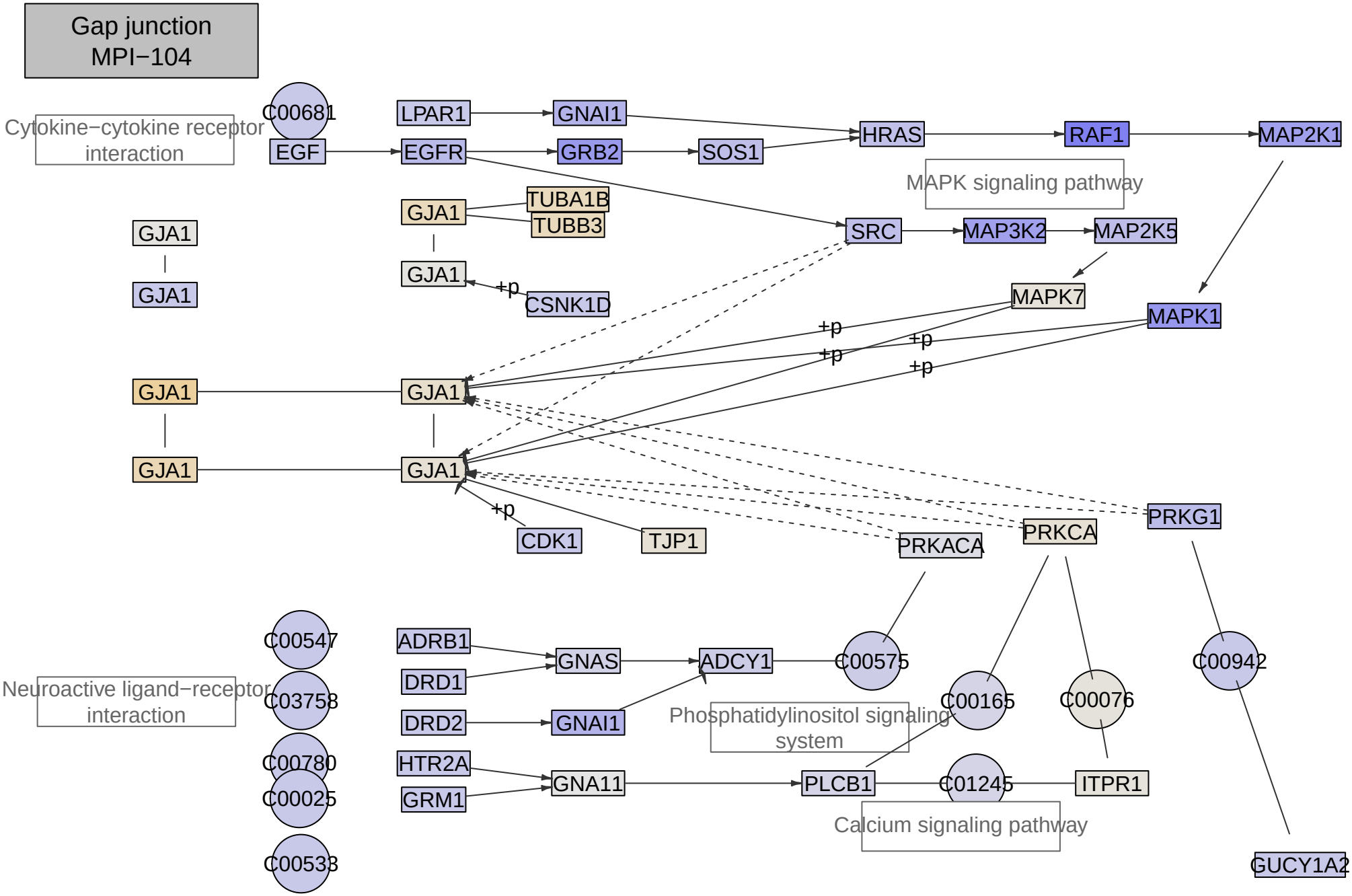

Gap junction
MPI−070
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

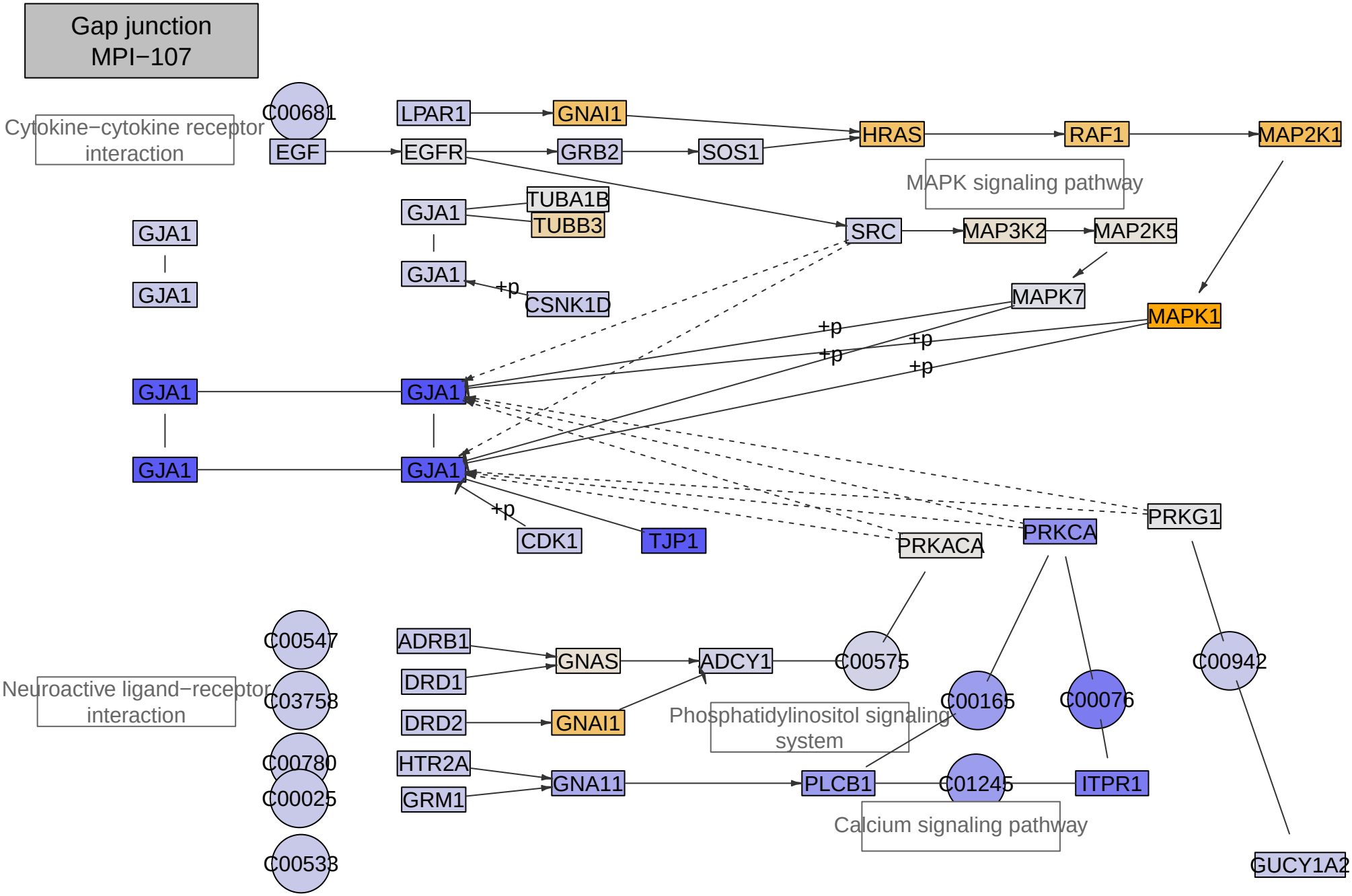

Gap junction
MPI−072
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

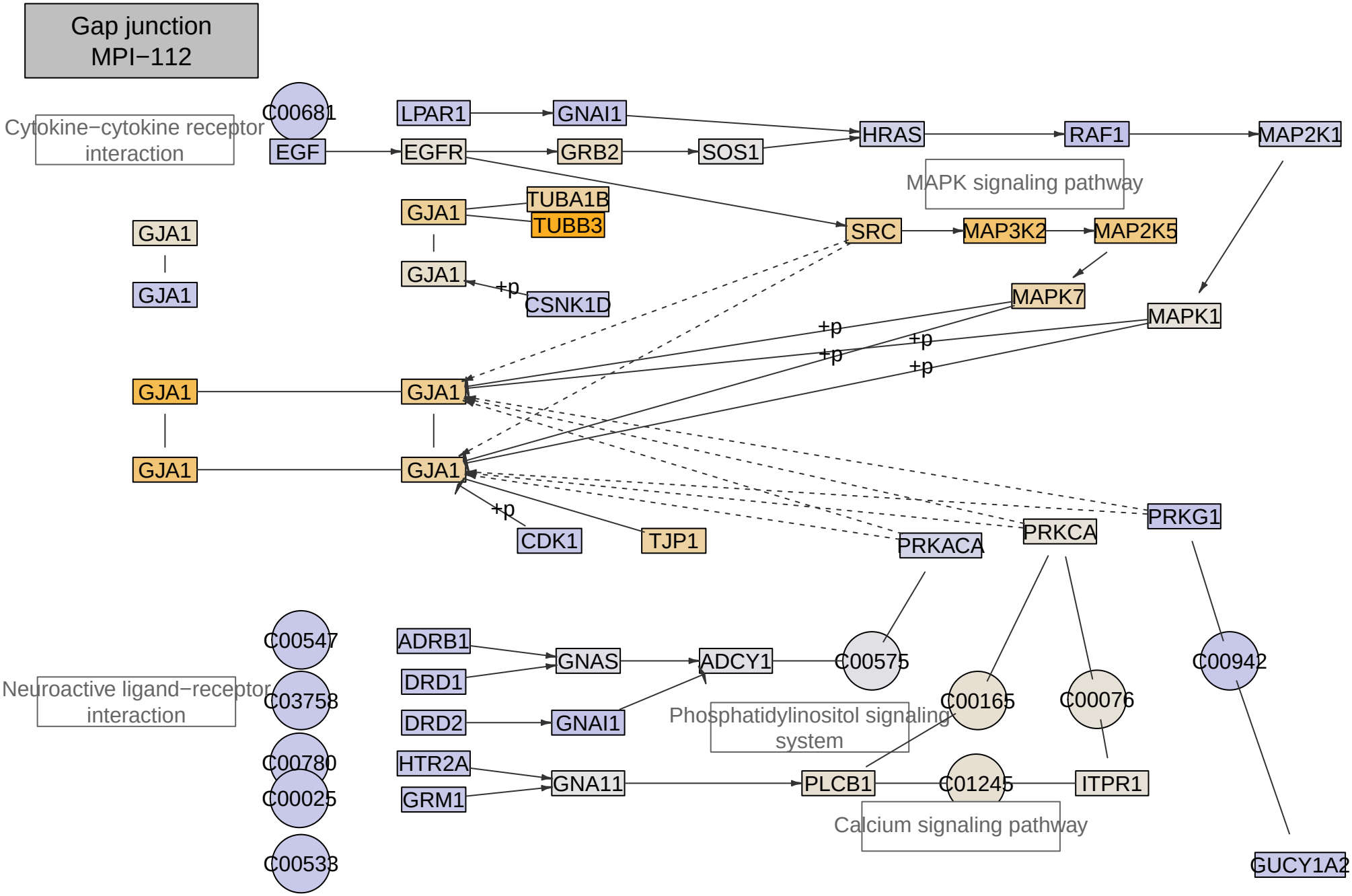

Gap junction
MPI−093
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

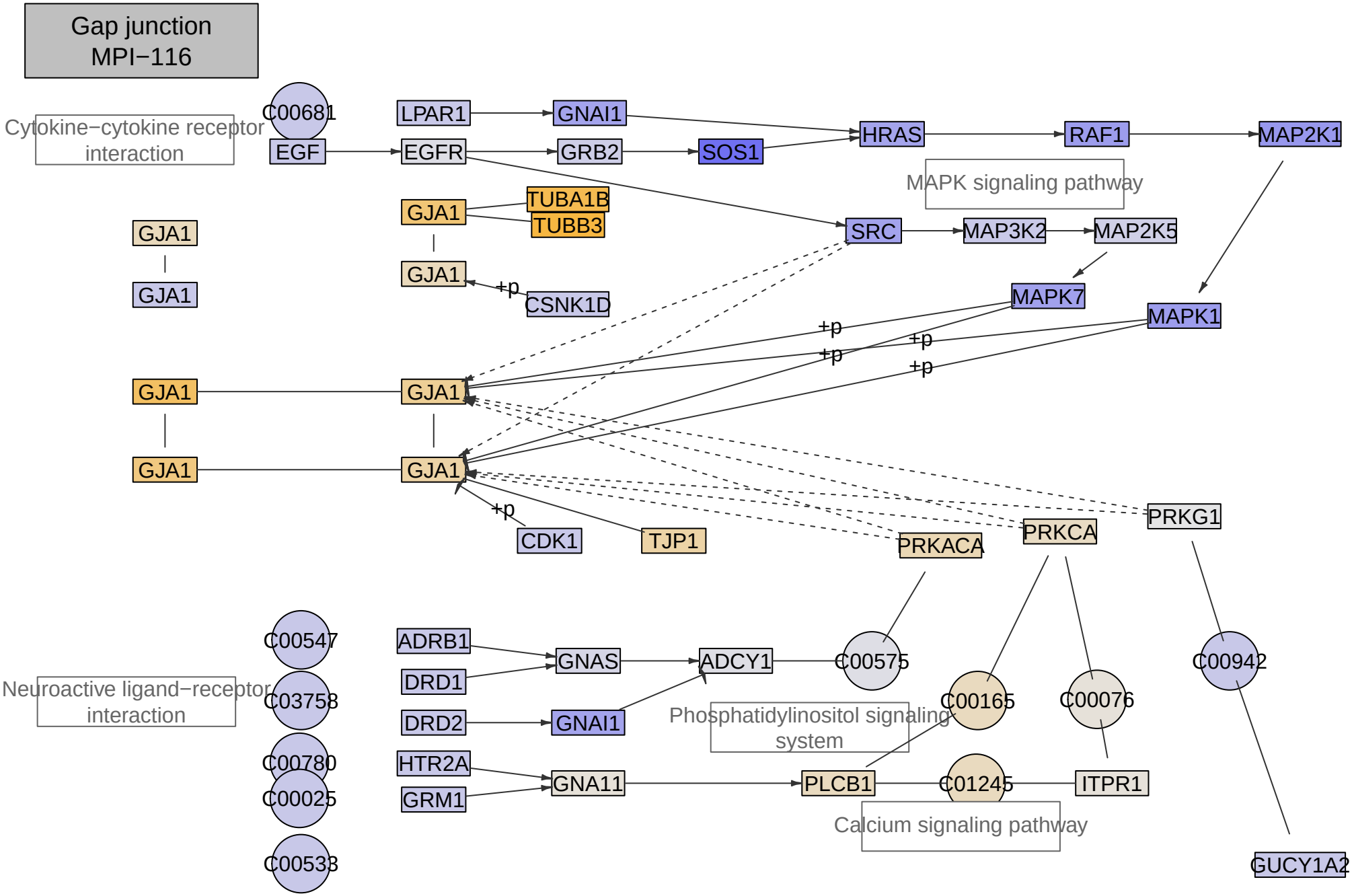

Gap junction
MPI−094
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

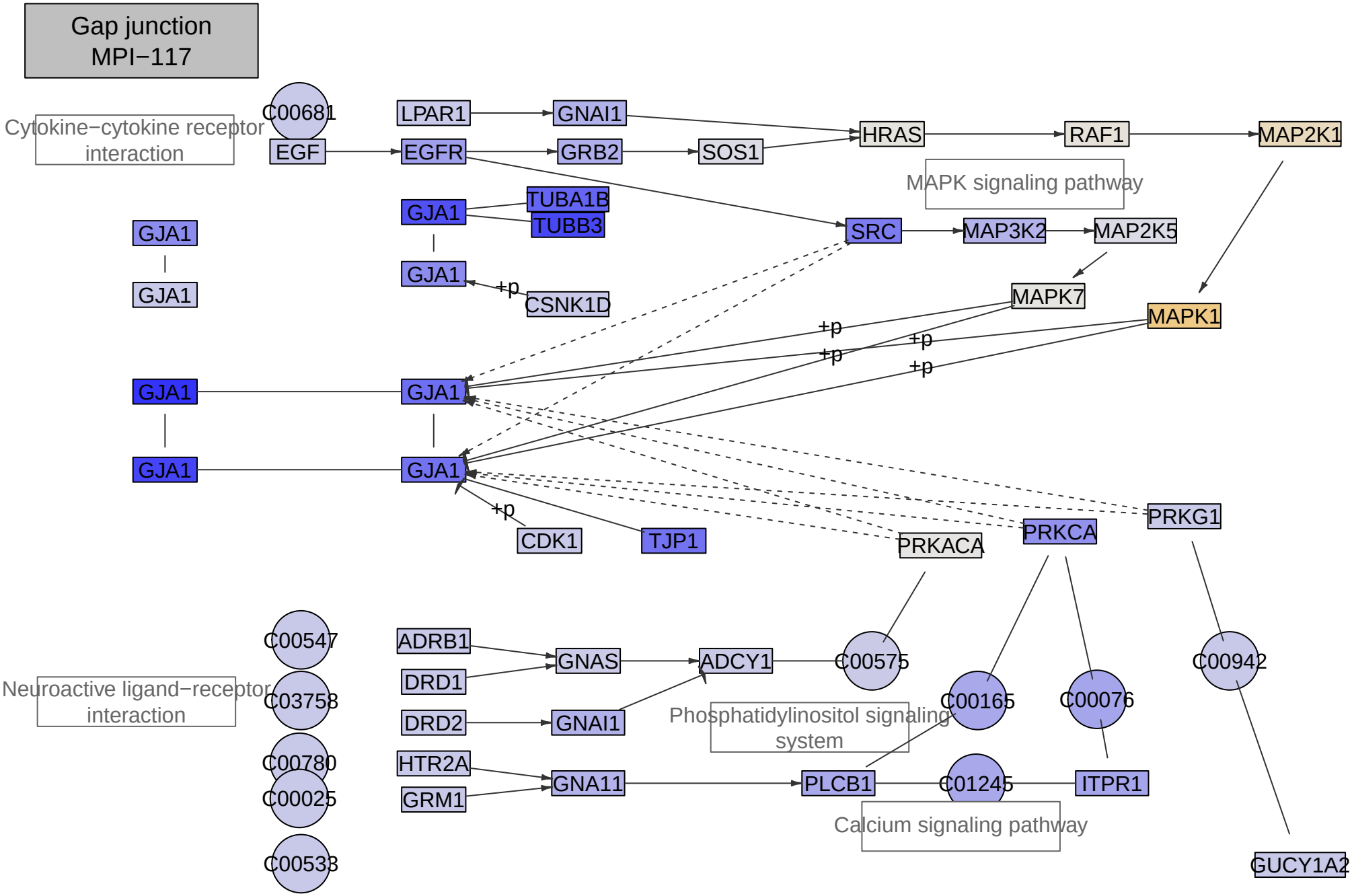

Gap junction
MPI−099
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

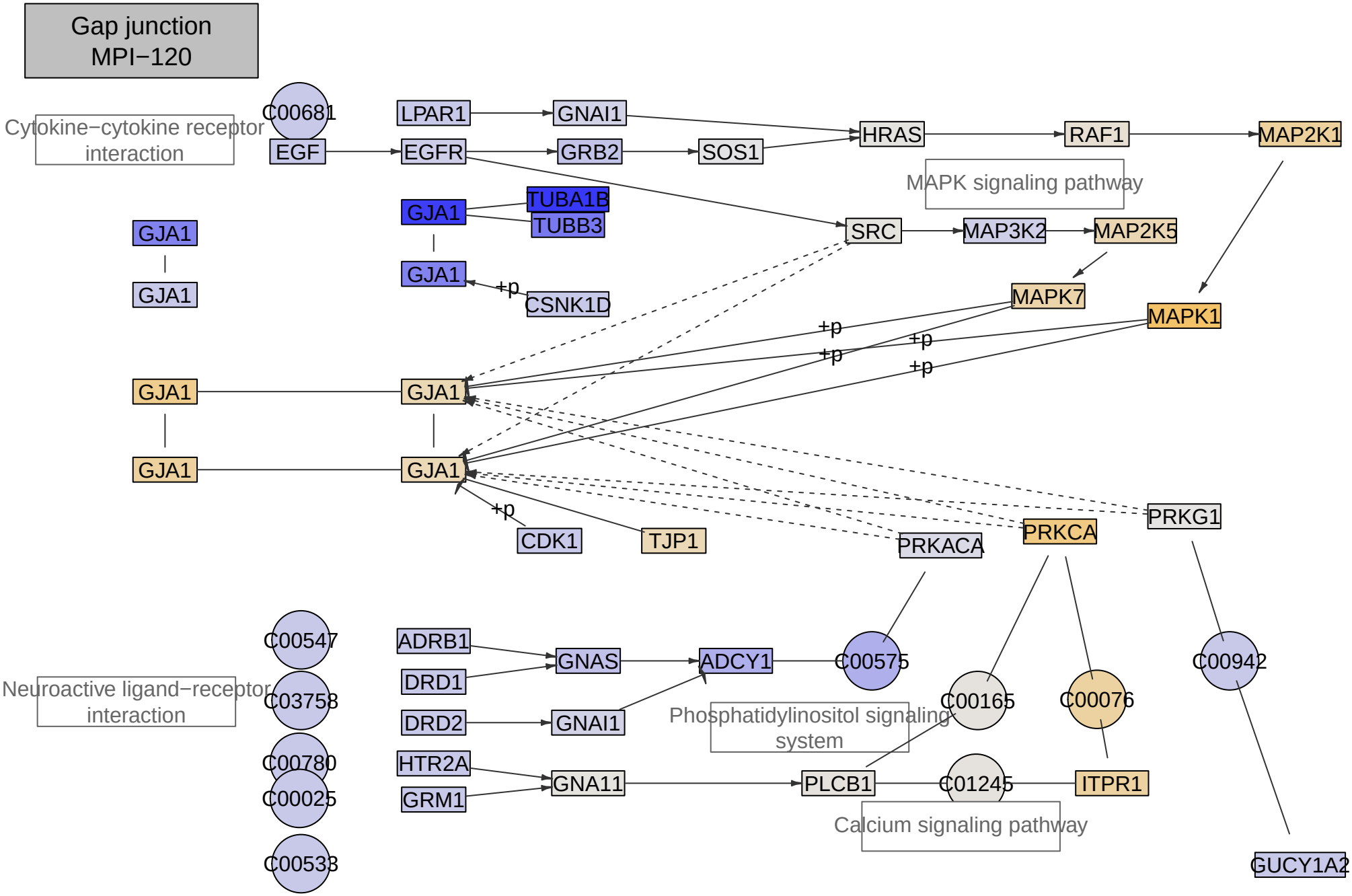

Gap junction
MPI−104
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

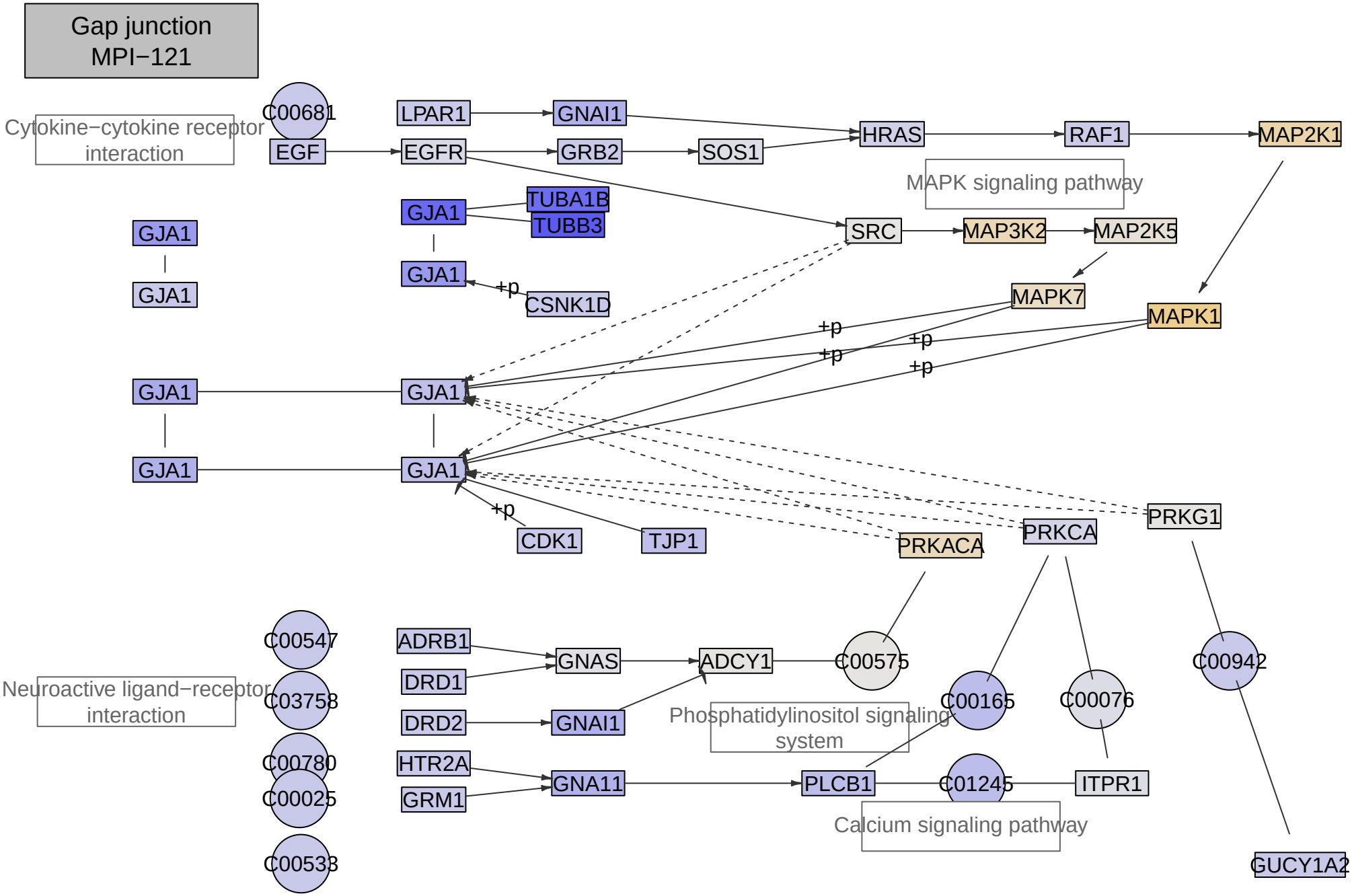

Gap junction
MPI−107
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

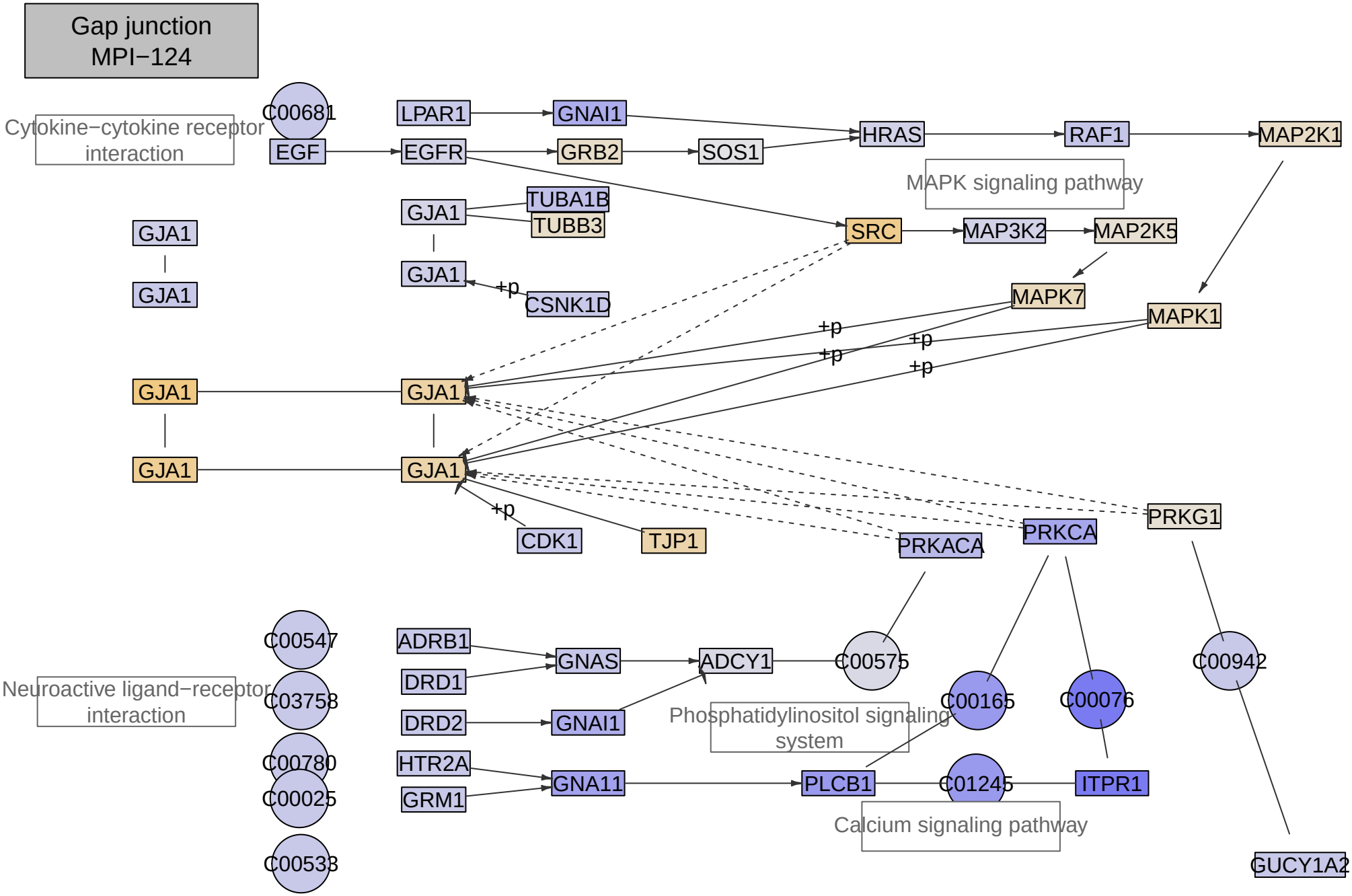

Gap junction
MPI−112
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

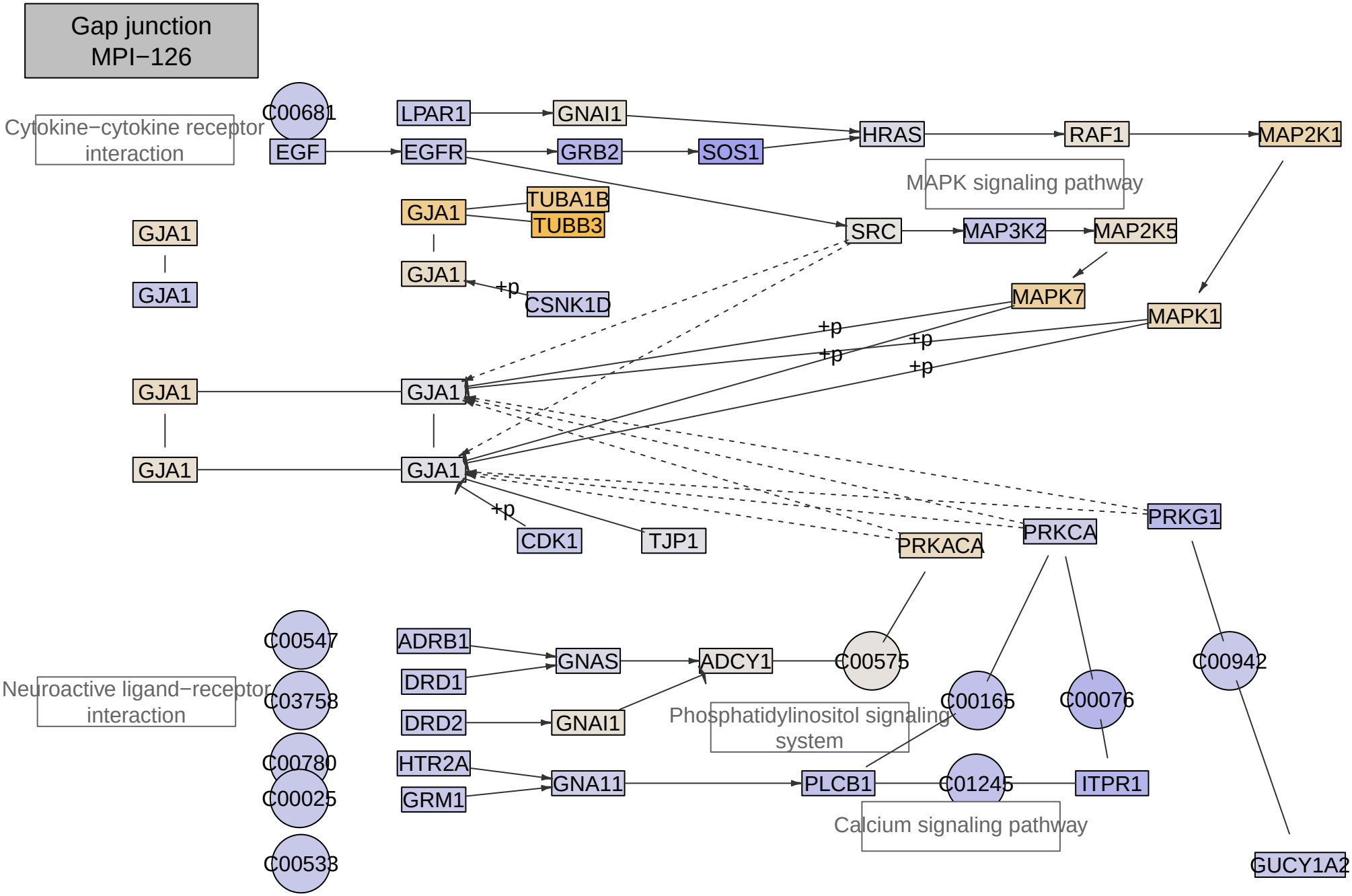

Gap junction
MPI−116
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

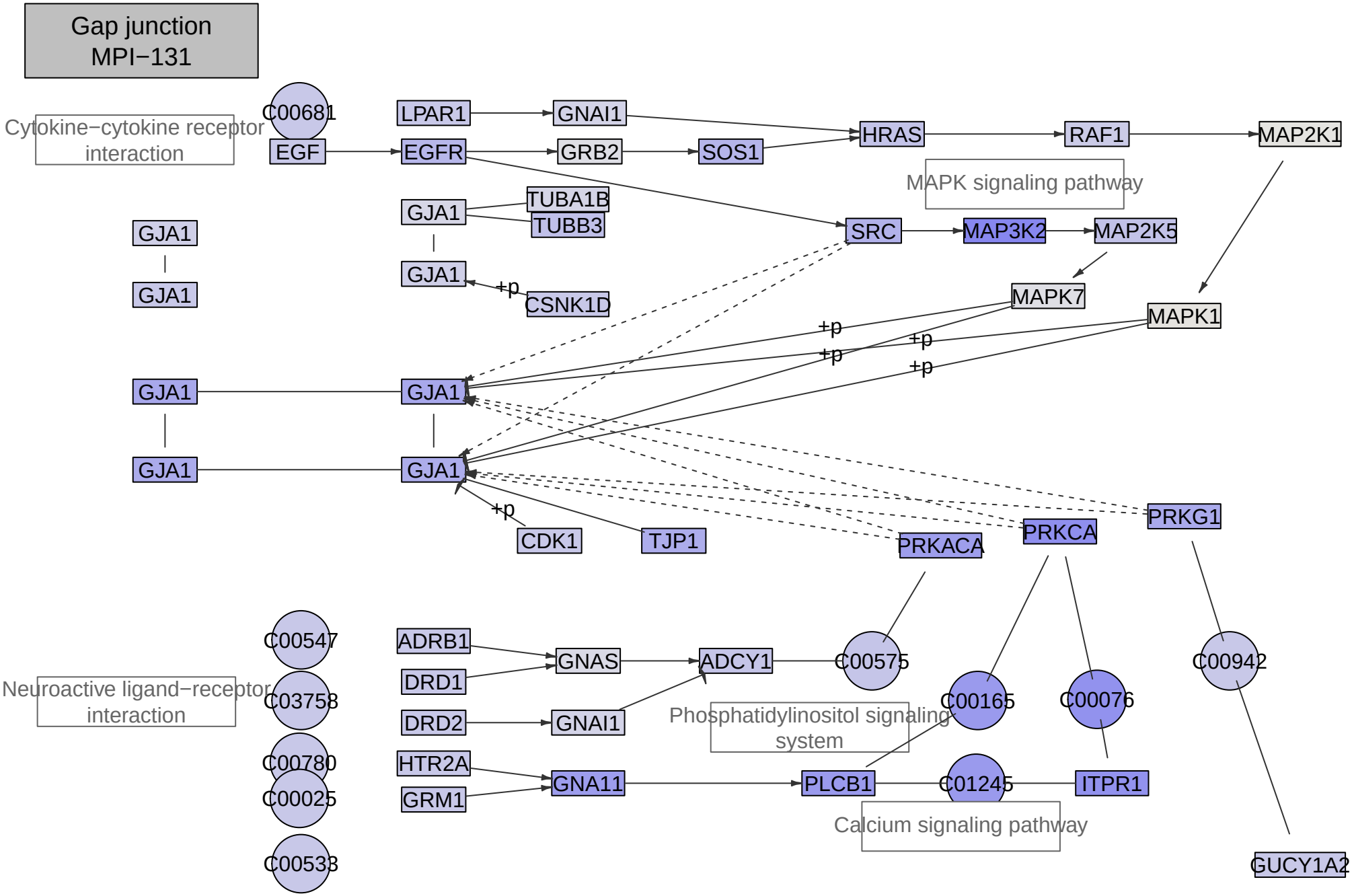

Gap junction
MPI−117
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

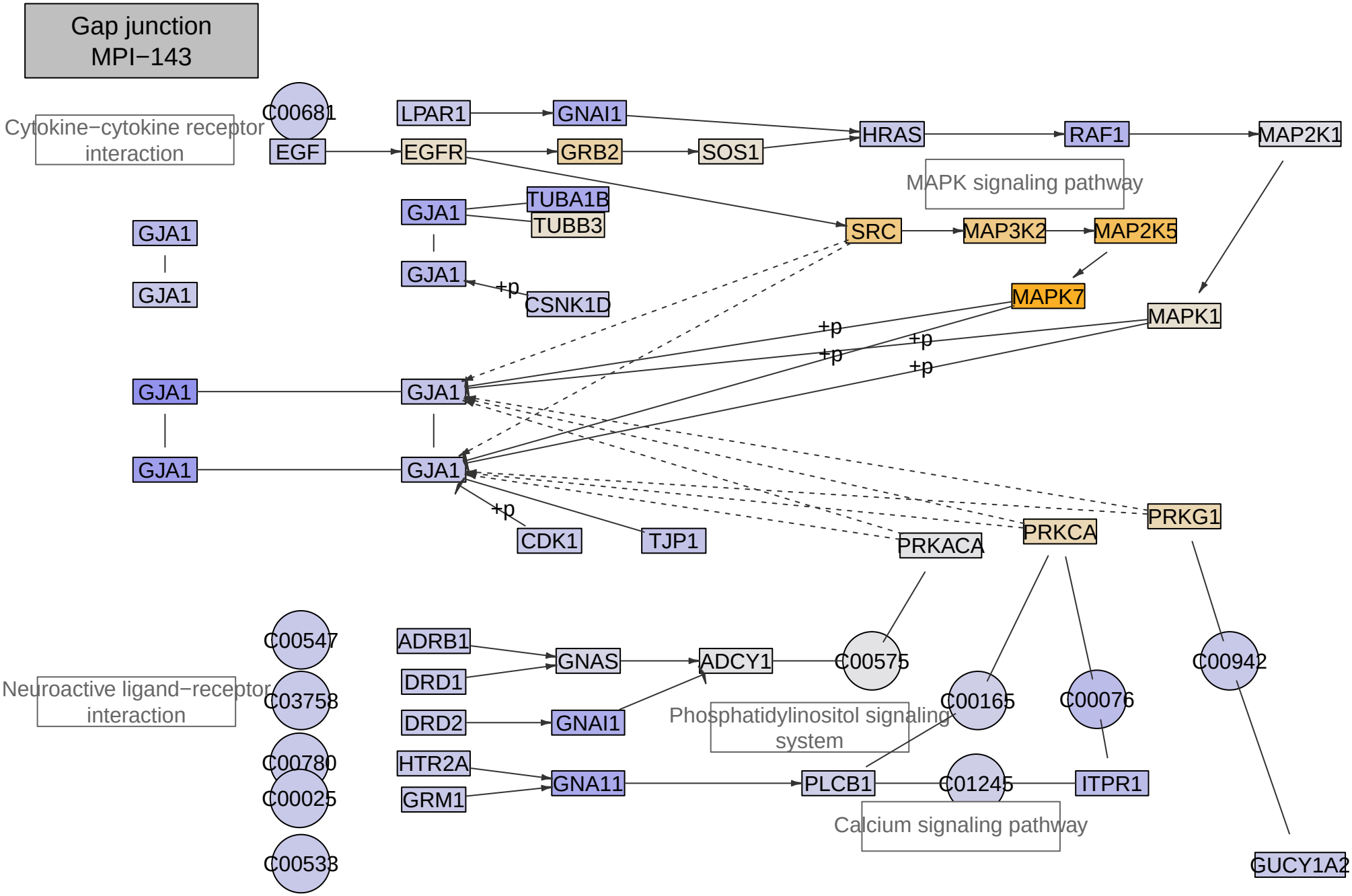

Gap junction
MPI−120
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

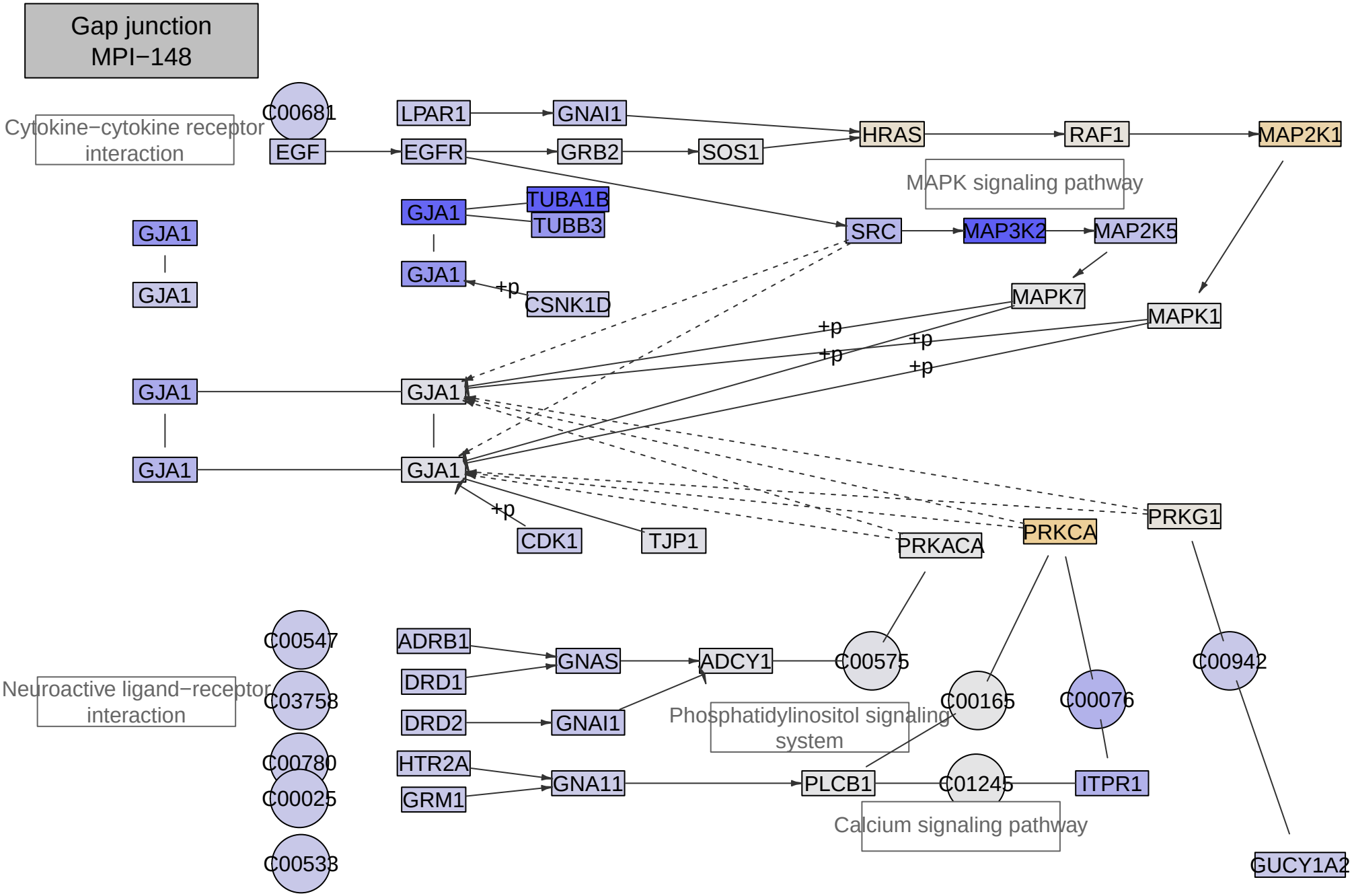

Gap junction
MPI−121
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

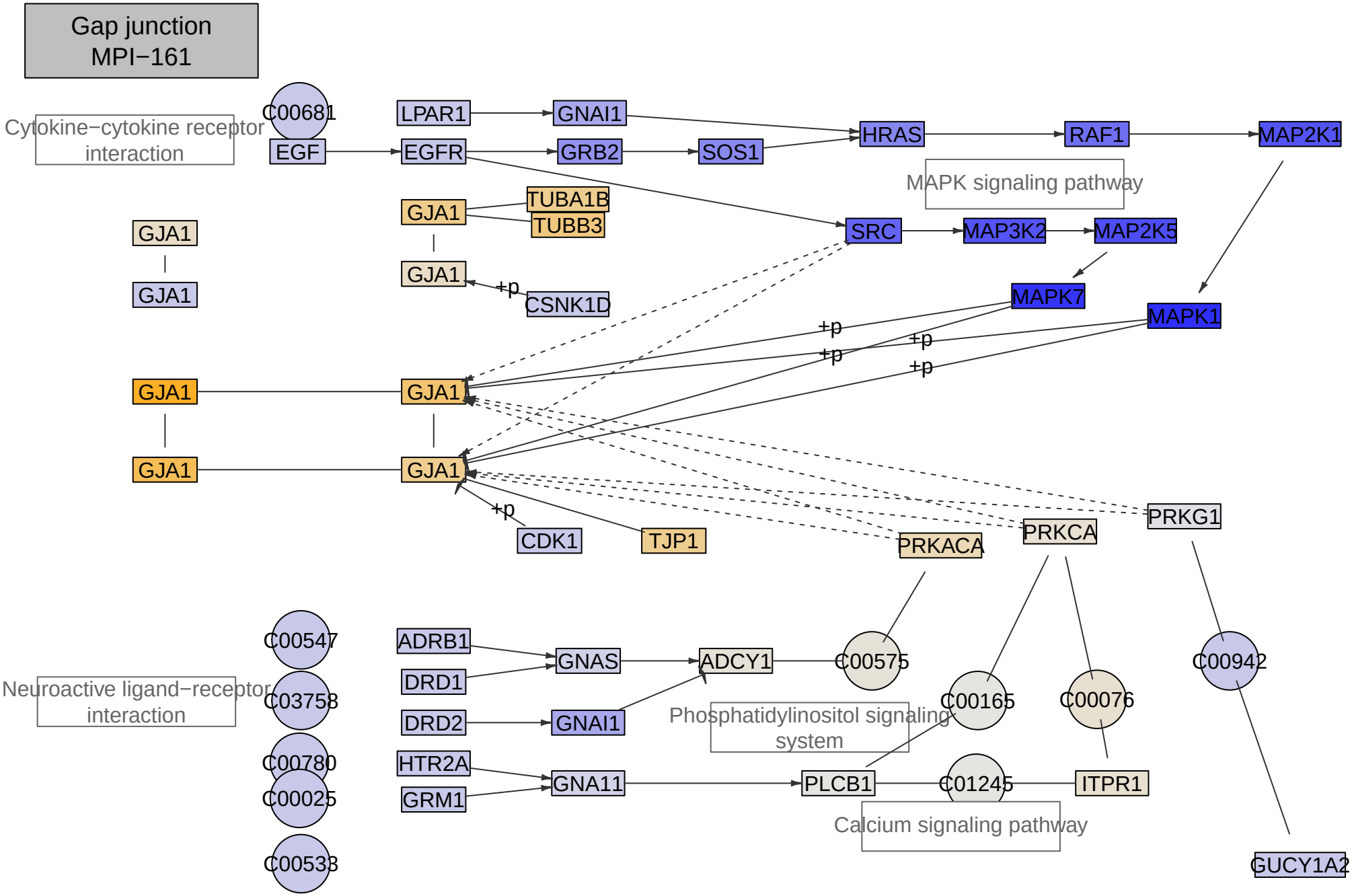

Gap junction
MPI−124
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

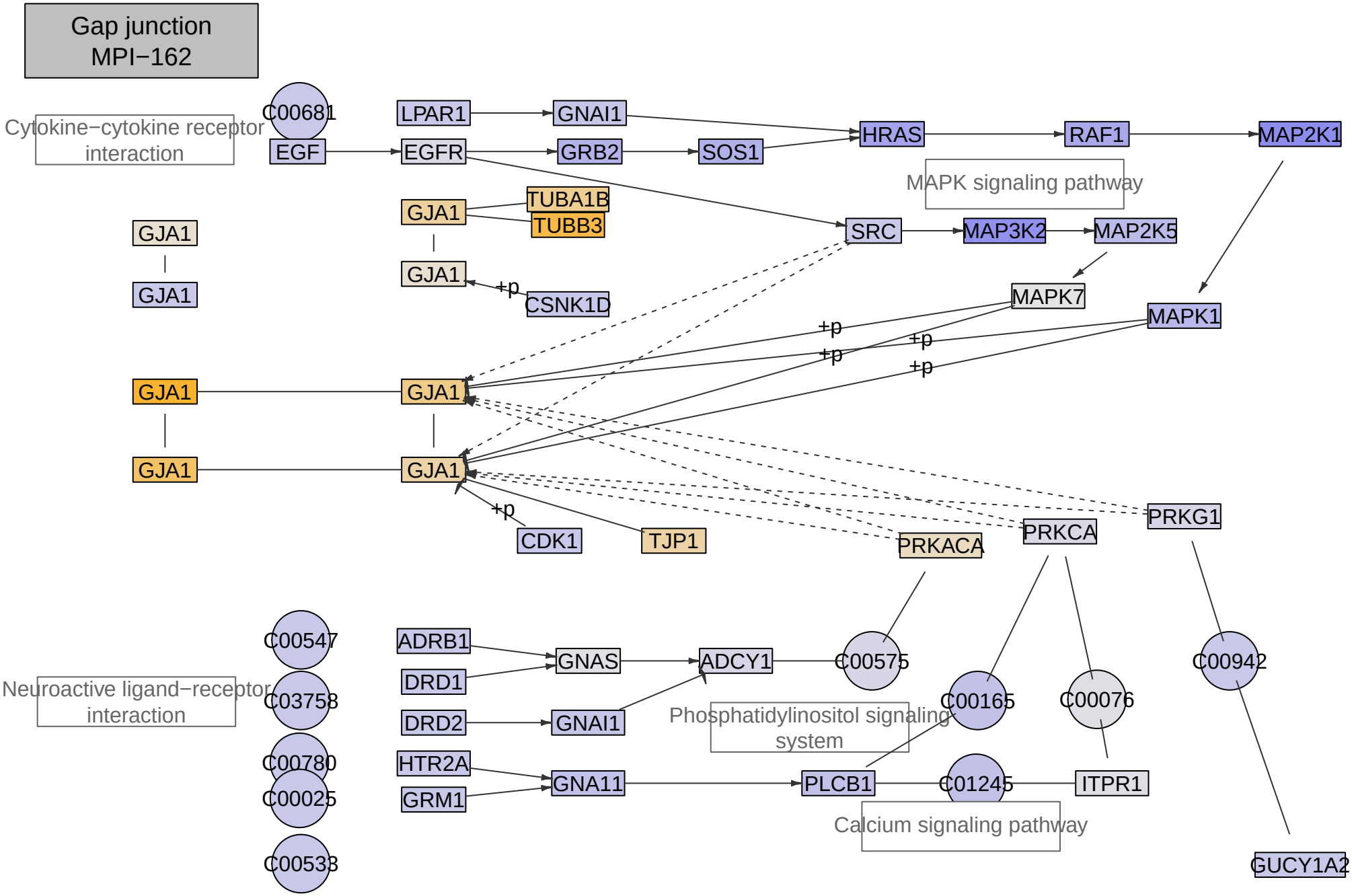

Gap junction
MPI−126
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

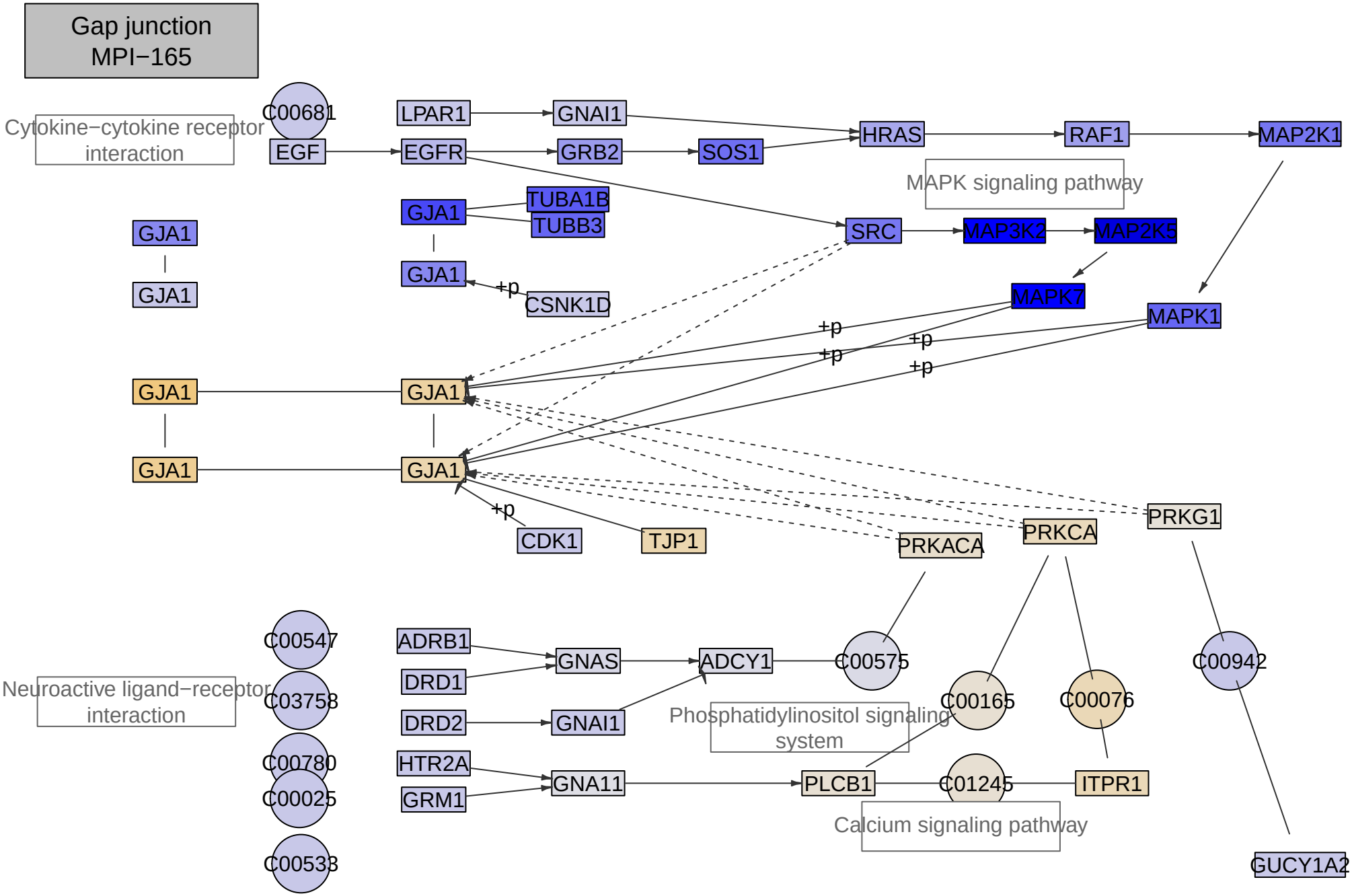

Gap junction
MPI−131
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

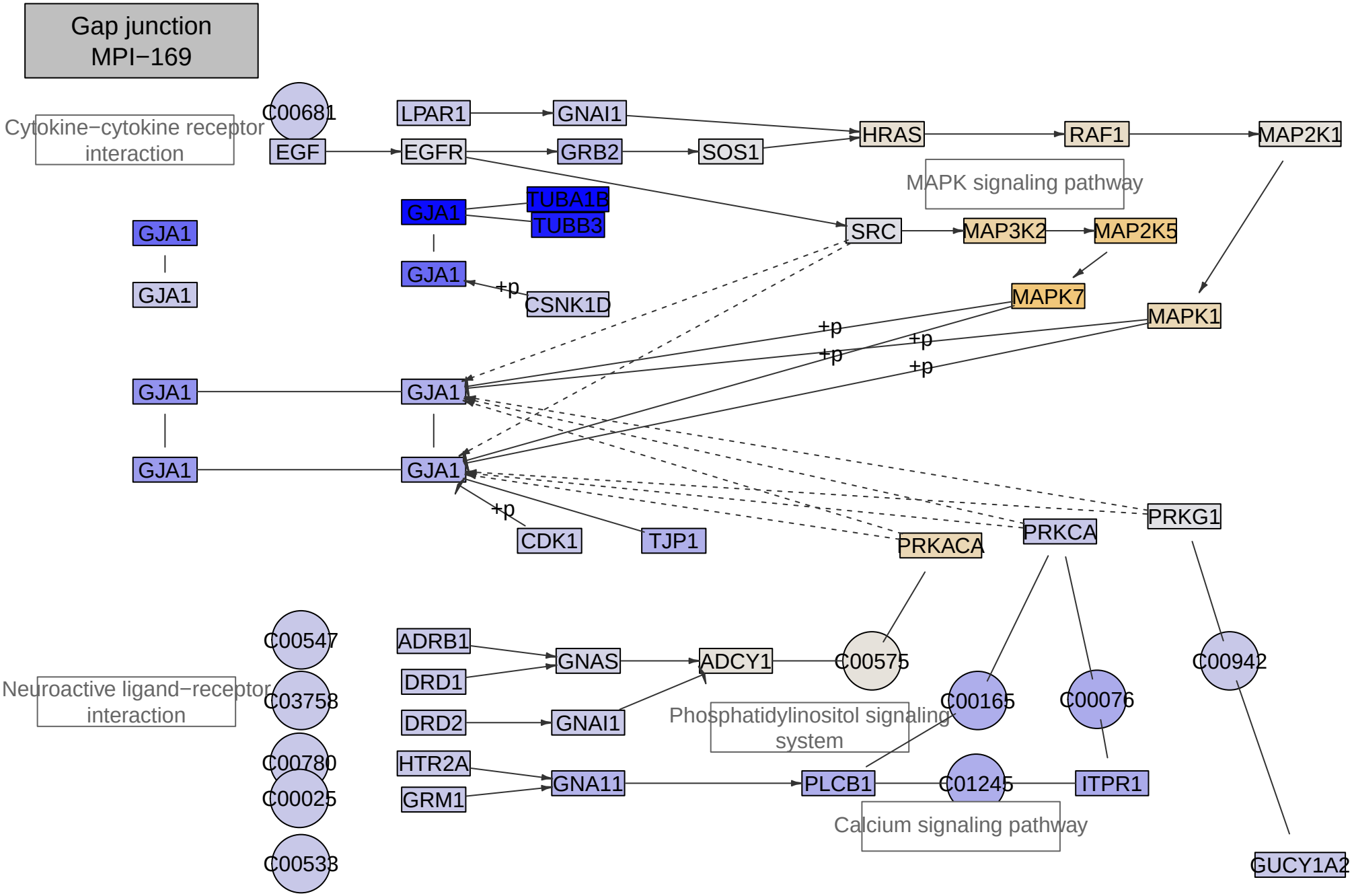

Gap junction
MPI−143
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

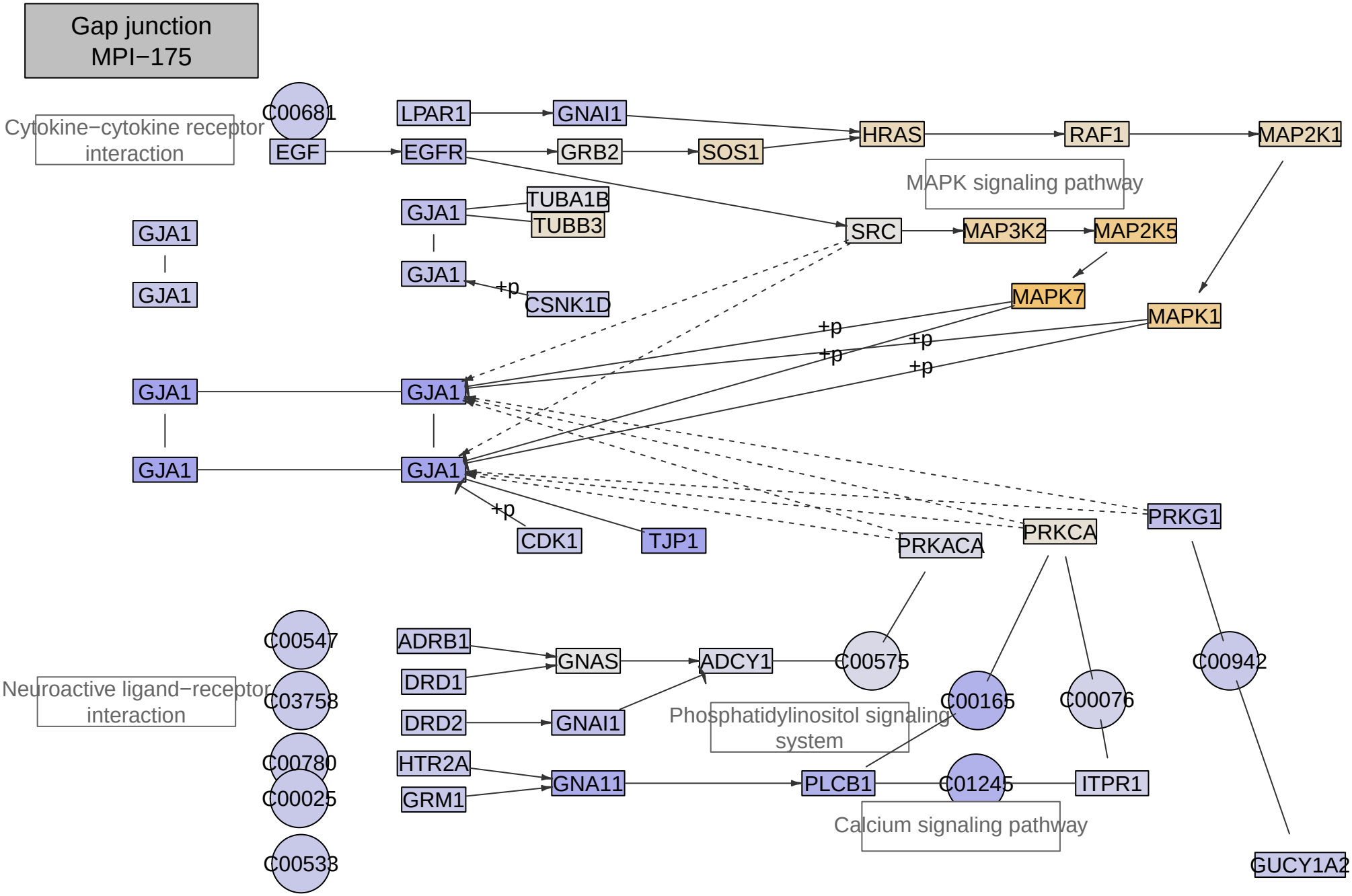

Gap junction
MPI−148
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

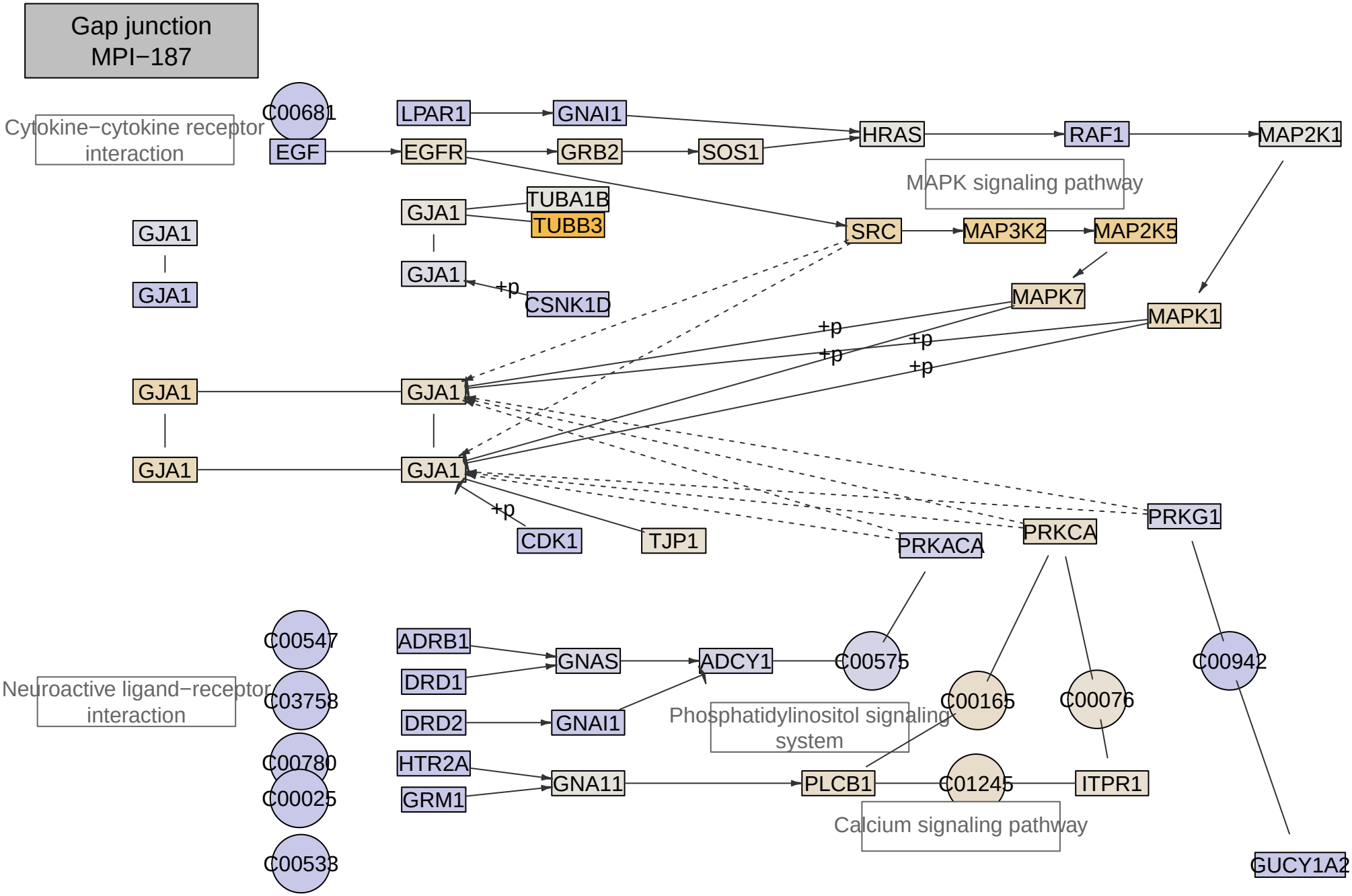

Gap junction
MPI−161
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

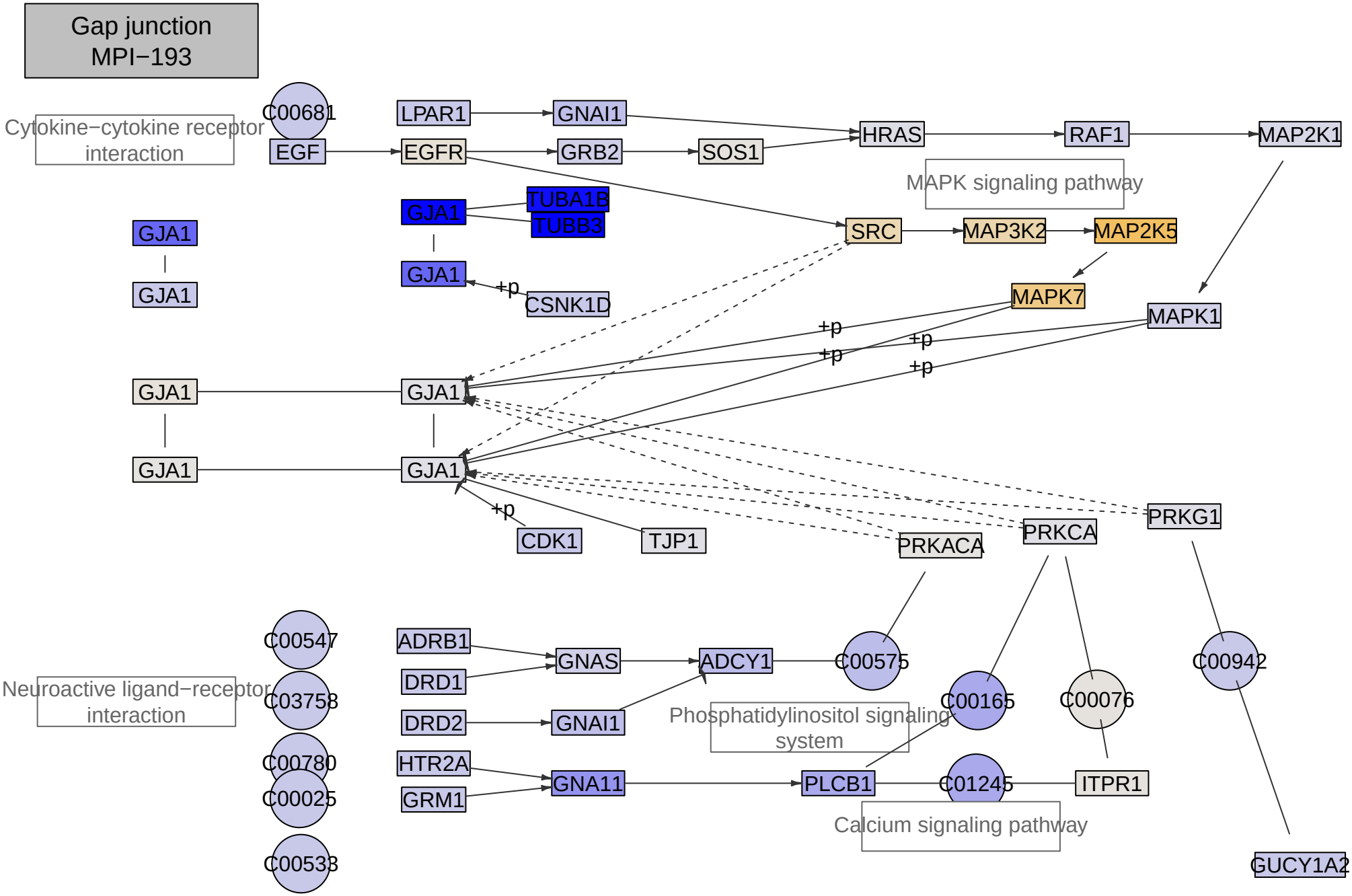

Gap junction
MPI−162
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

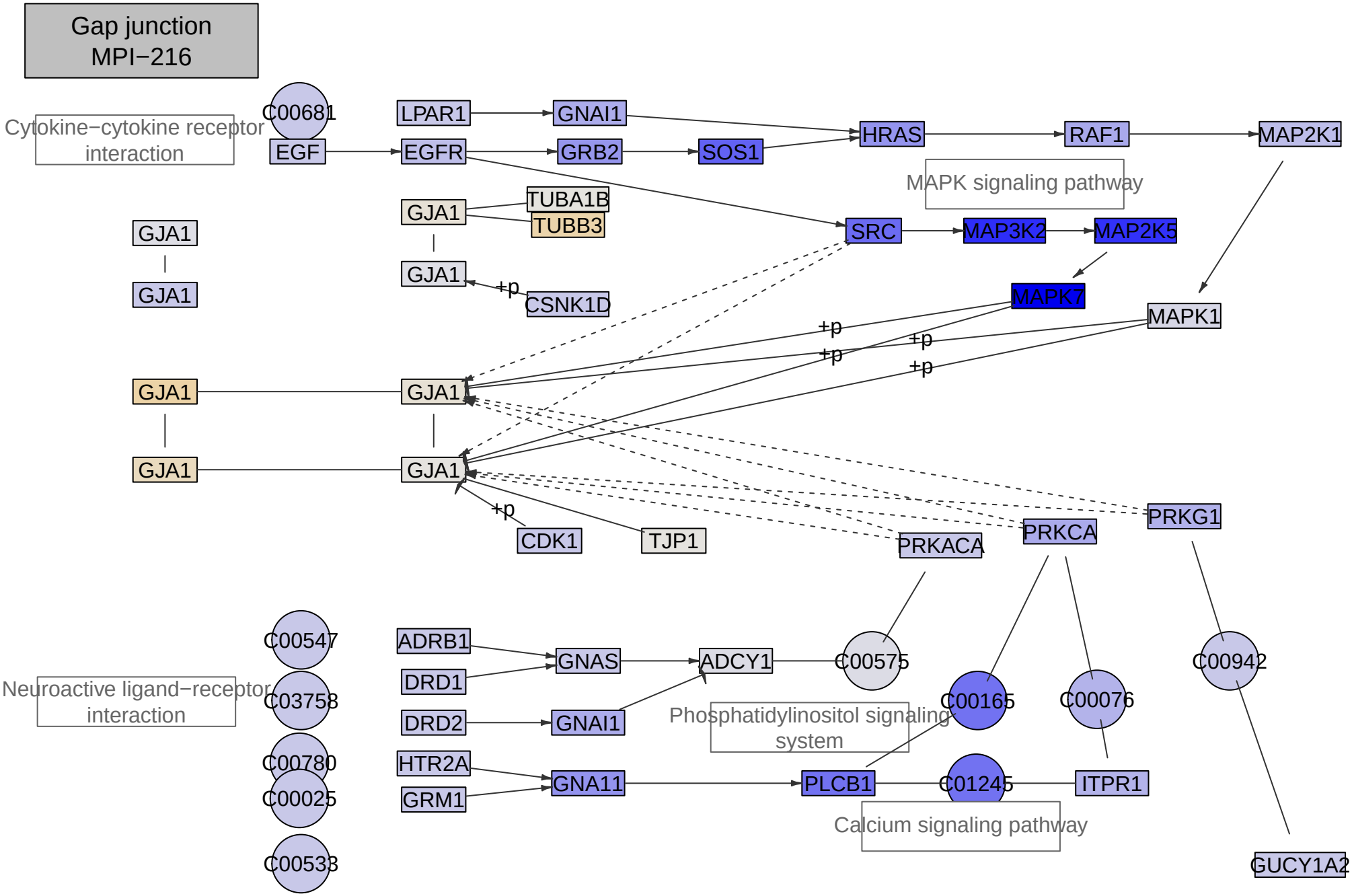

Gap junction
MPI−165
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

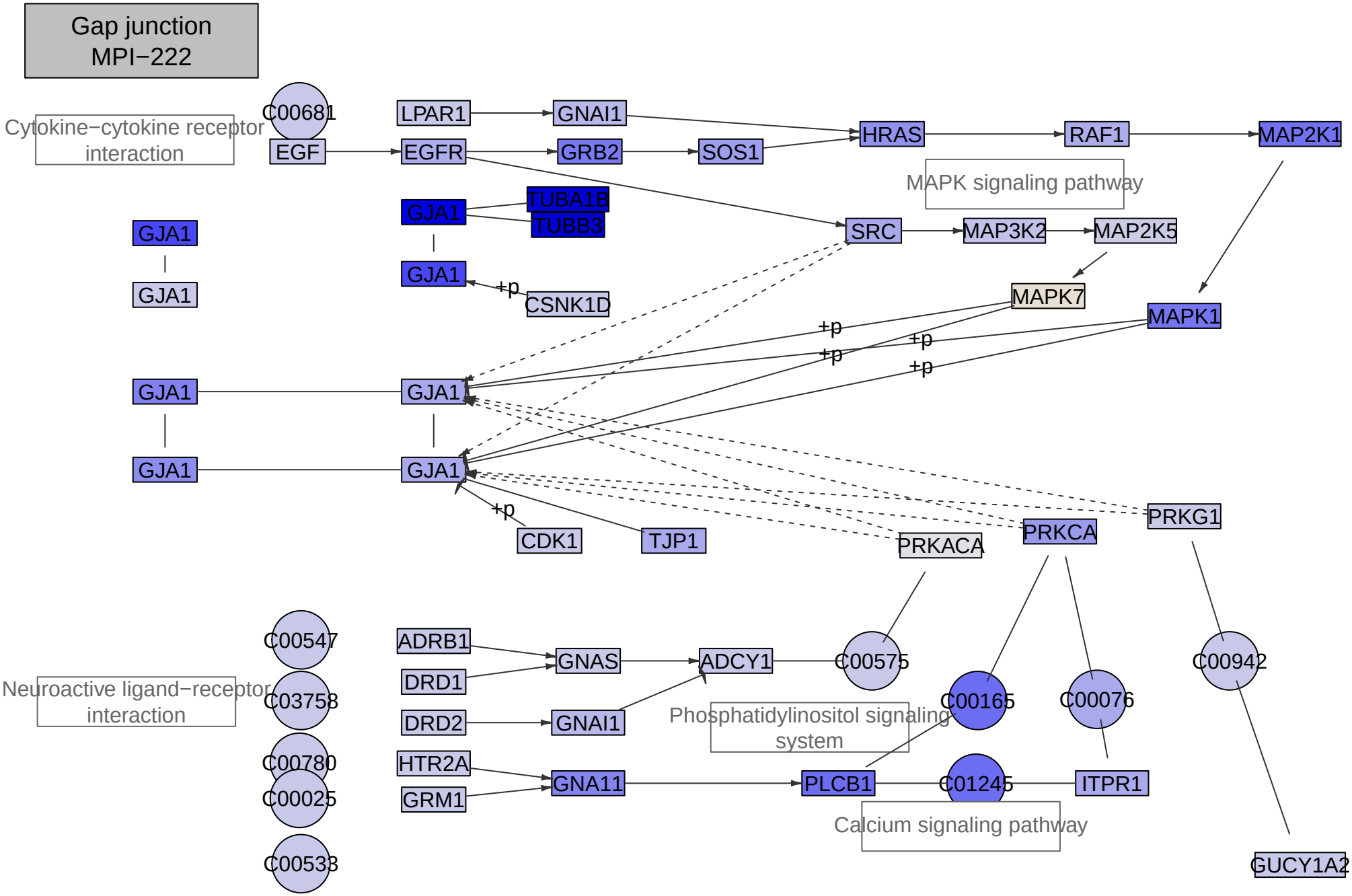

Gap junction
MPI−169
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

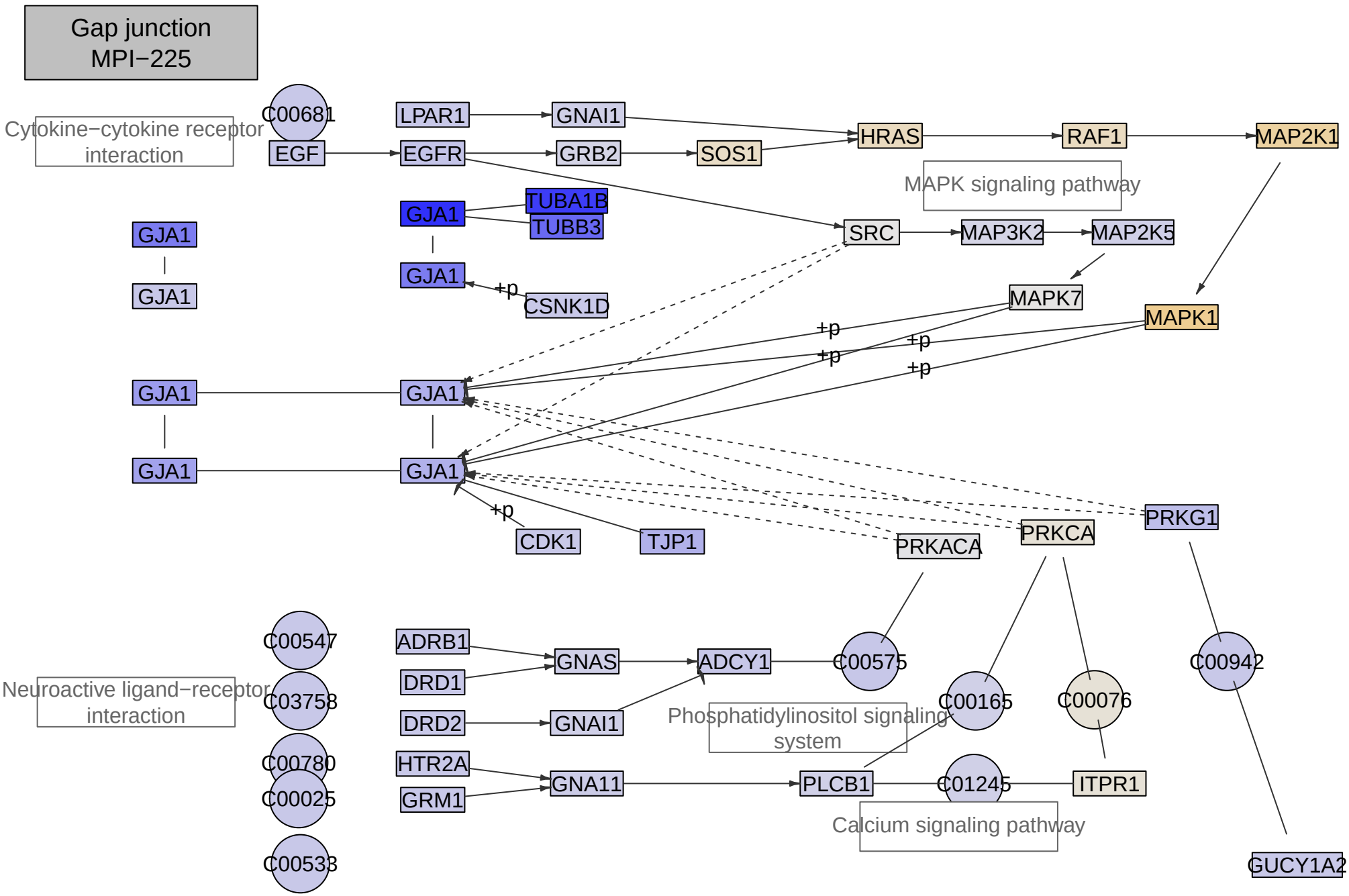

Gap junction
MPI−175
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

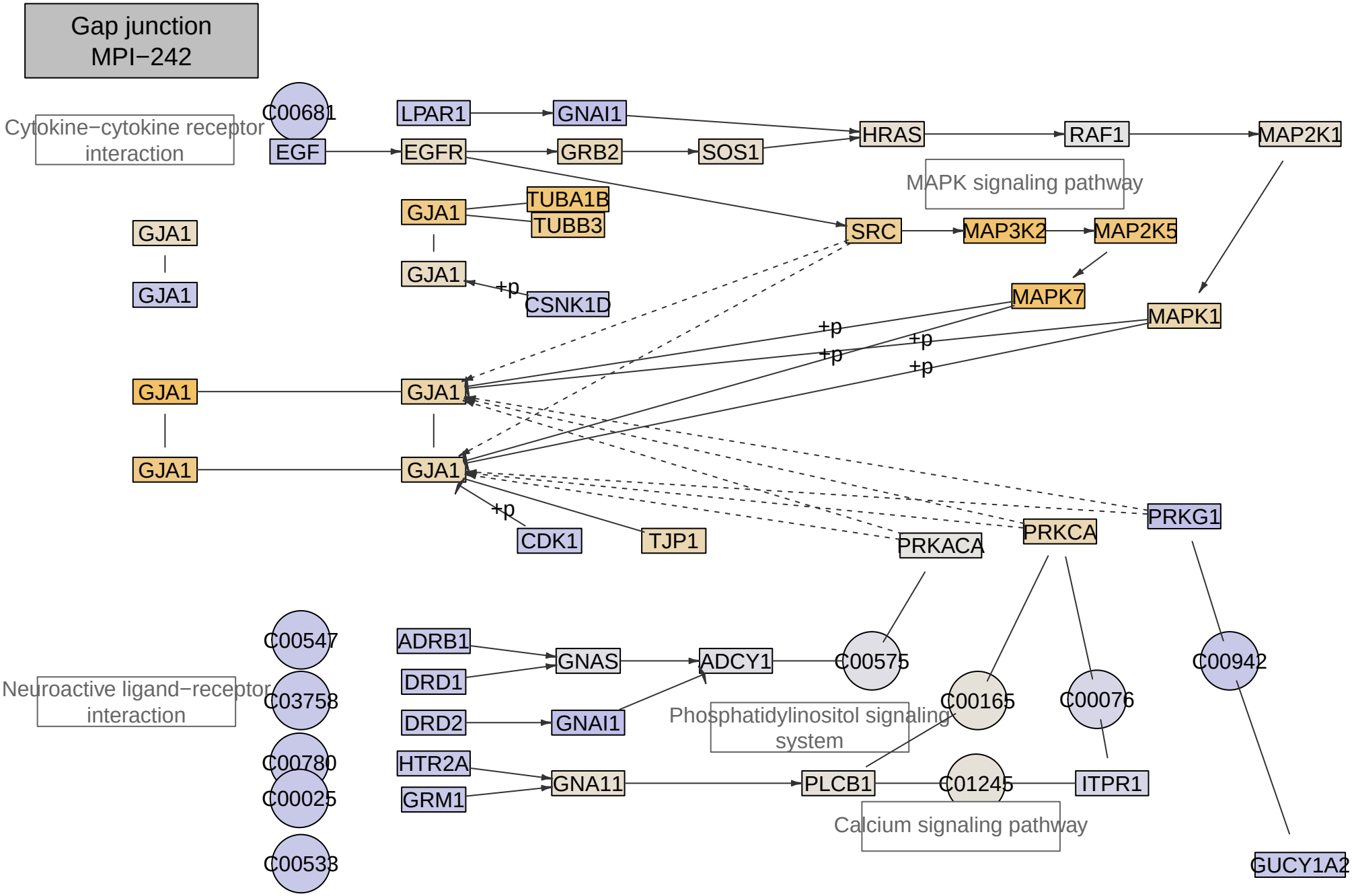

Gap junction
MPI−187
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

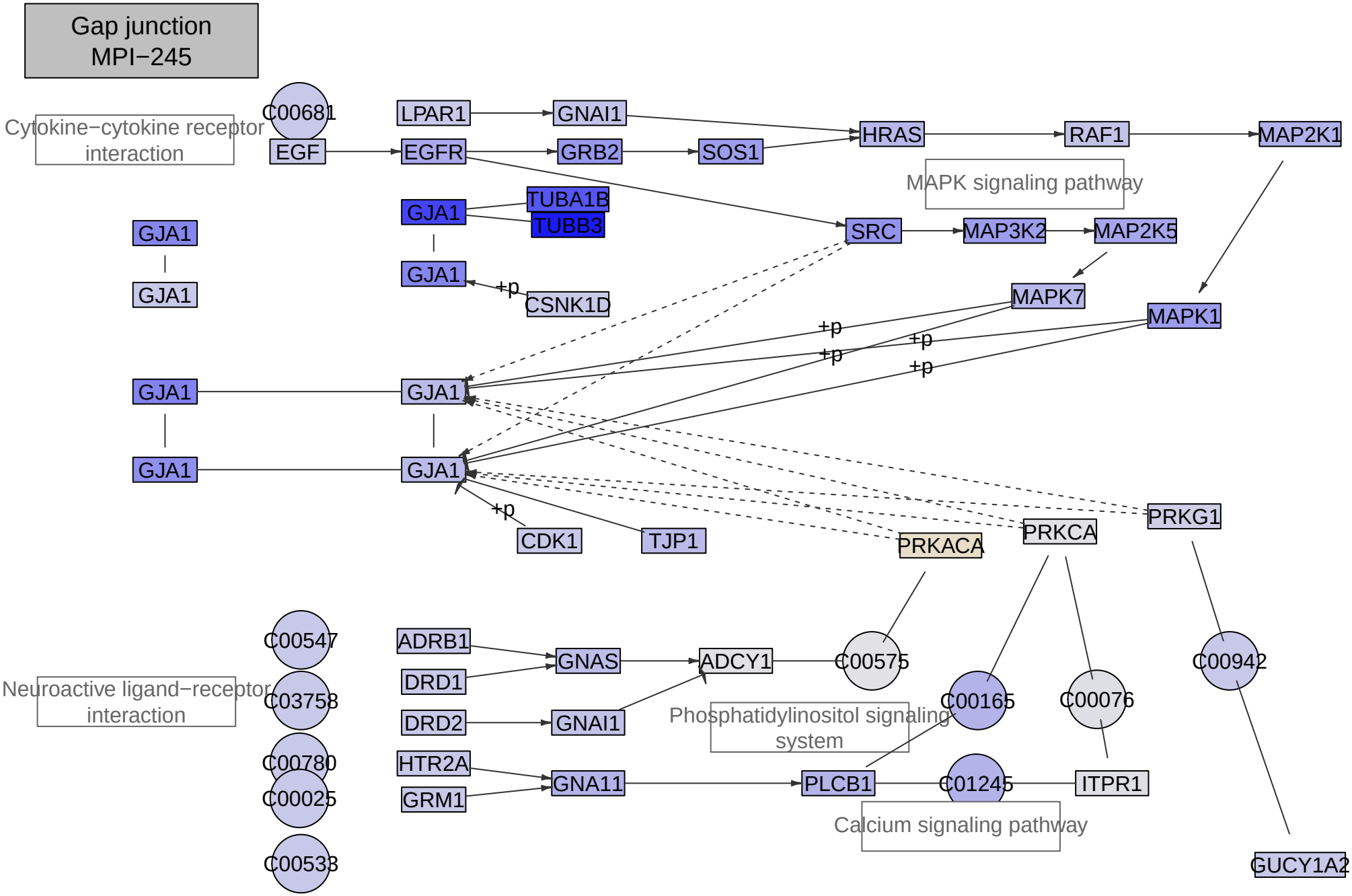

Gap junction
MPI−193
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Phosphatidylinositol signaling system
Calcium signaling pathway
GUCY1A2

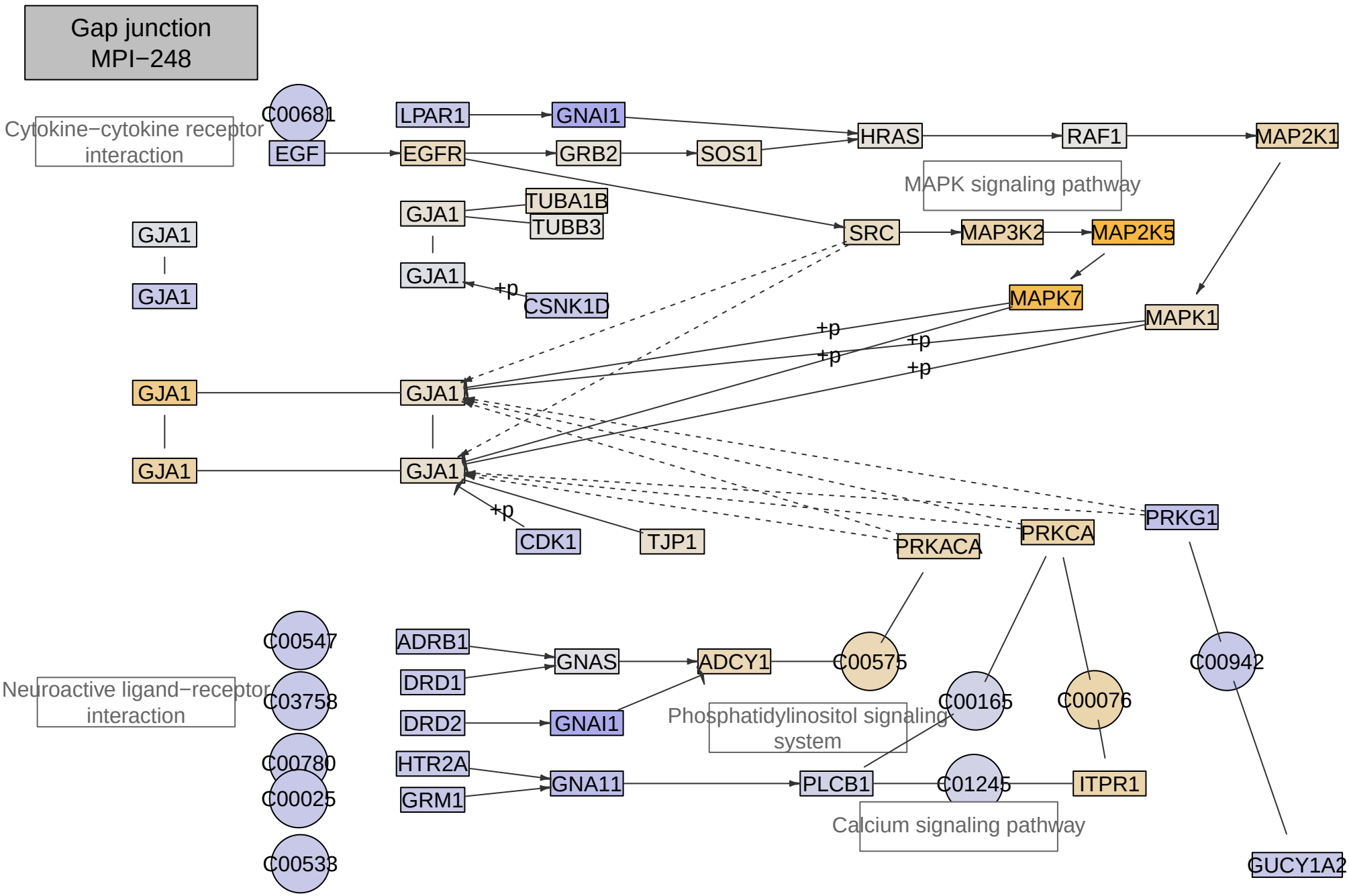

Gap junction
MPI−216
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
PLCB1
C00165
C00076
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

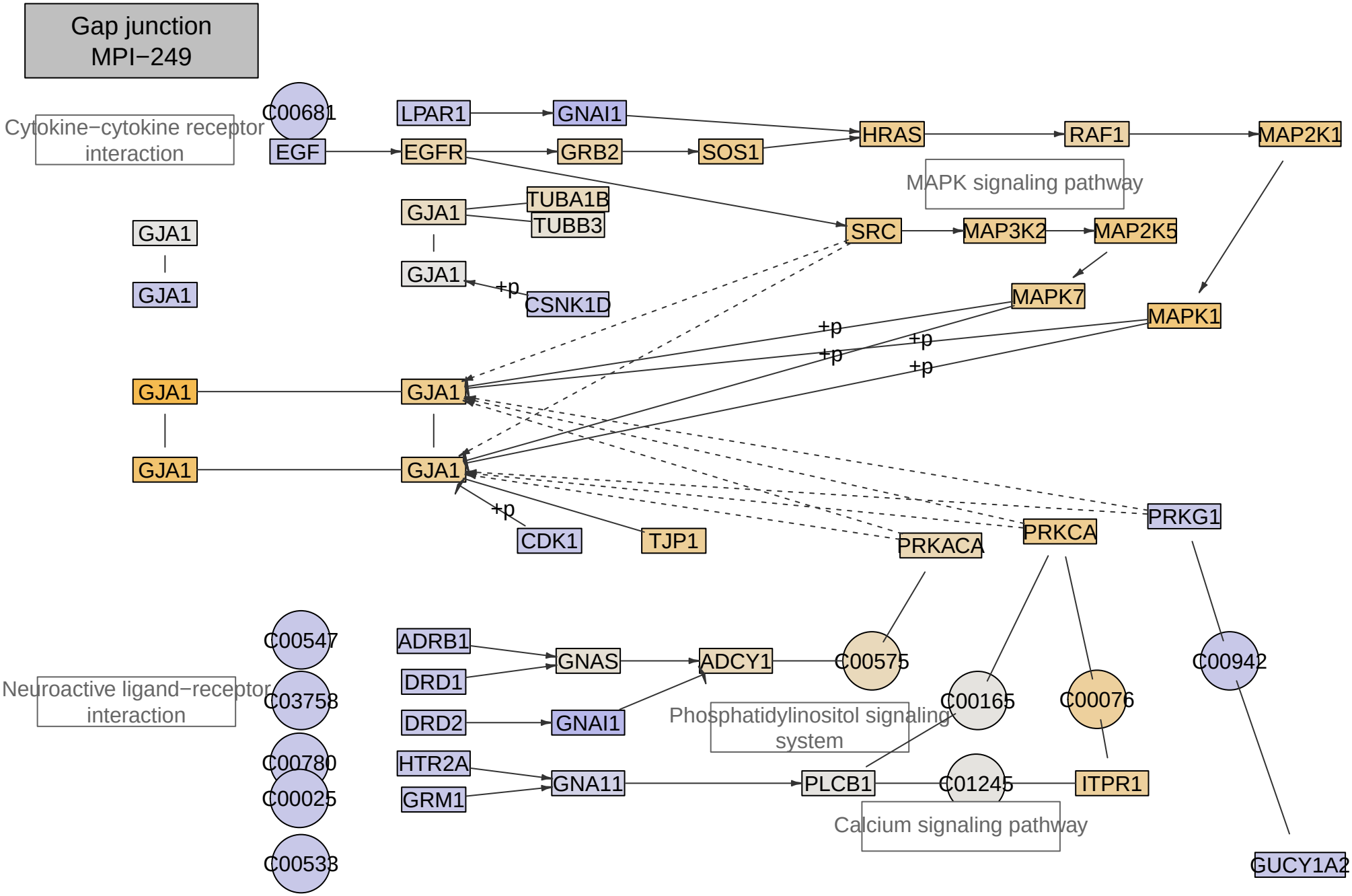

Gap junction
MPI−222
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

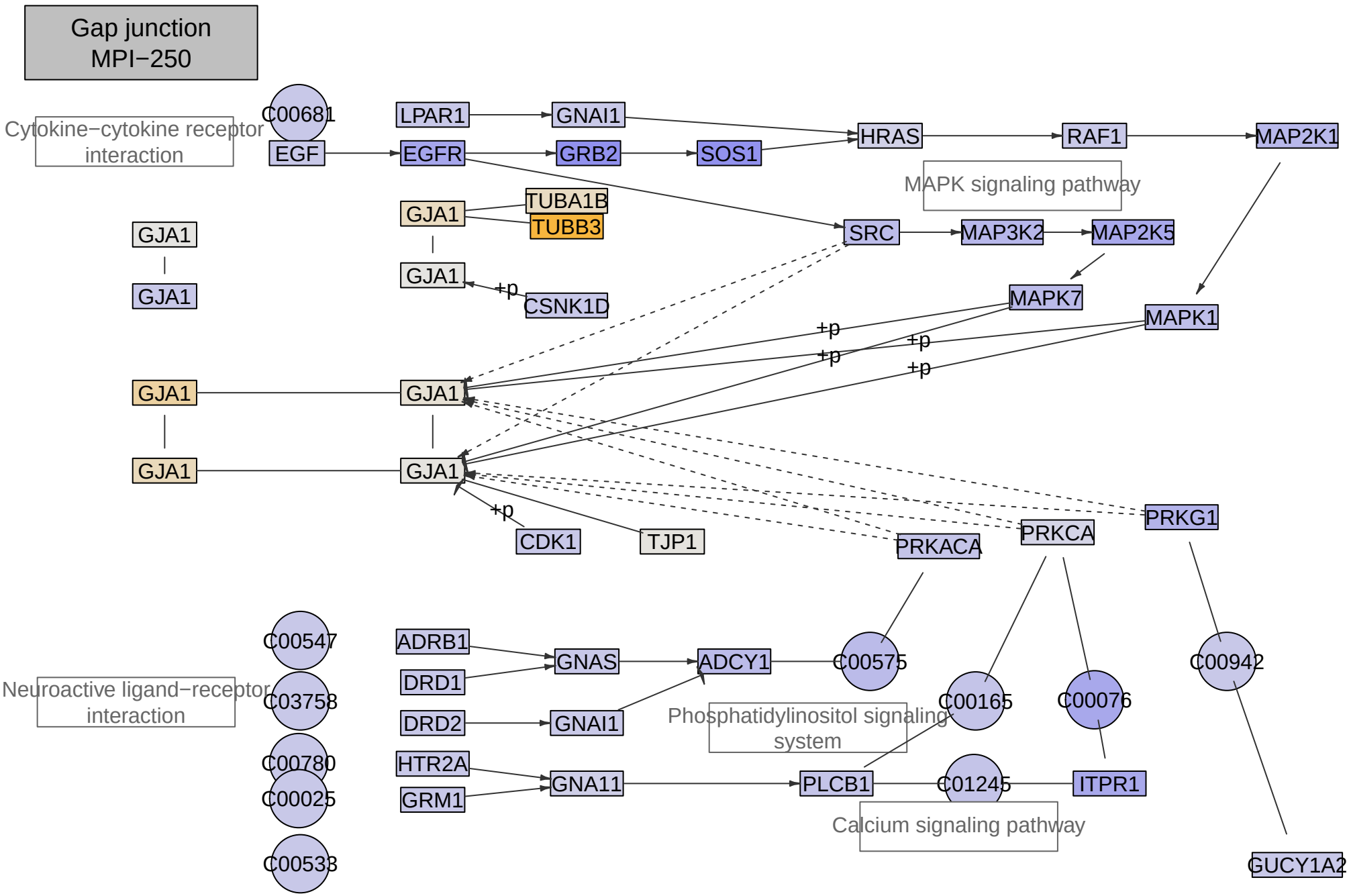

Gap junction
MPI−225
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

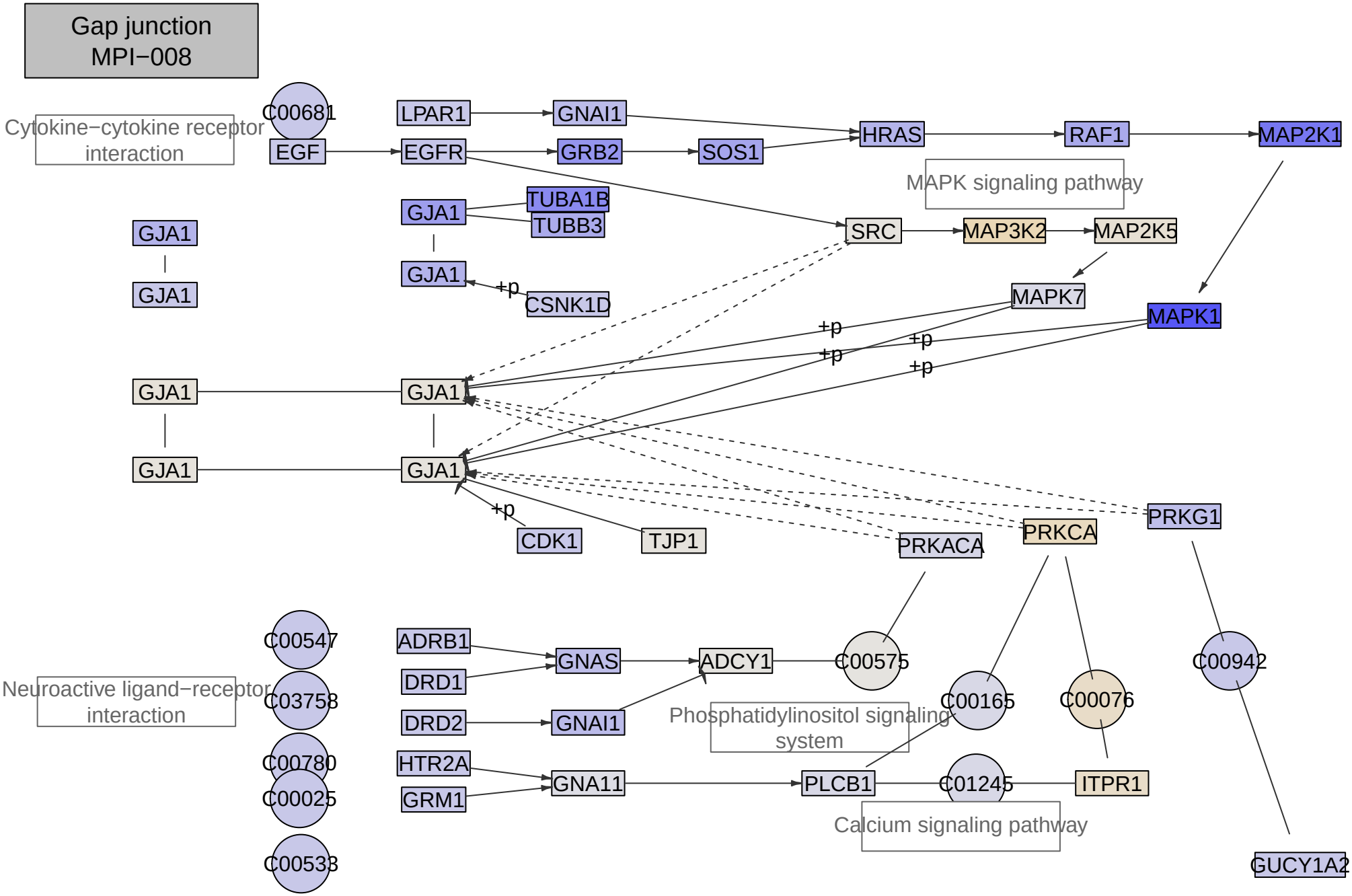

Gap junction
MPI−242
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

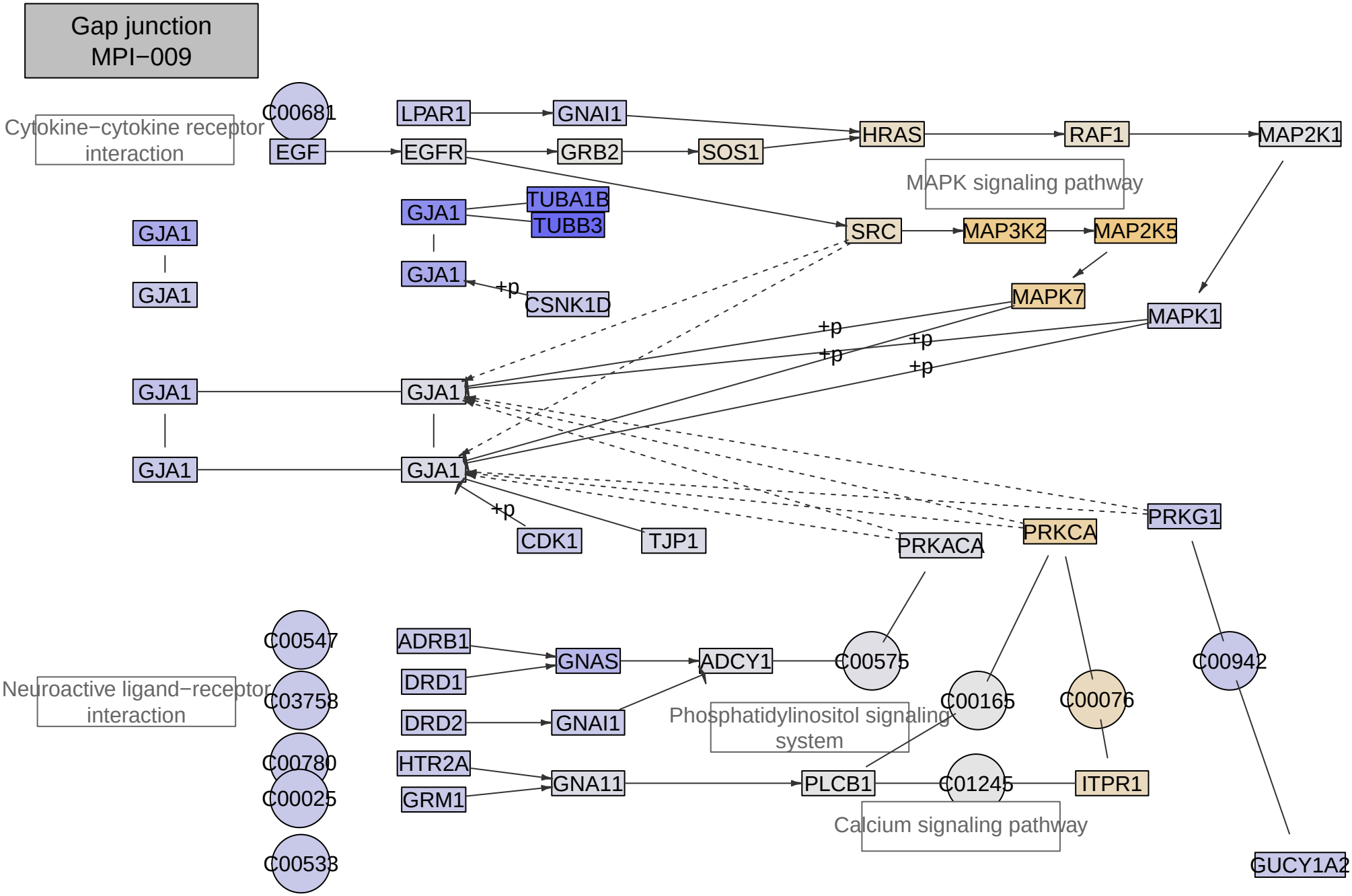

Gap junction
MPI−245
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

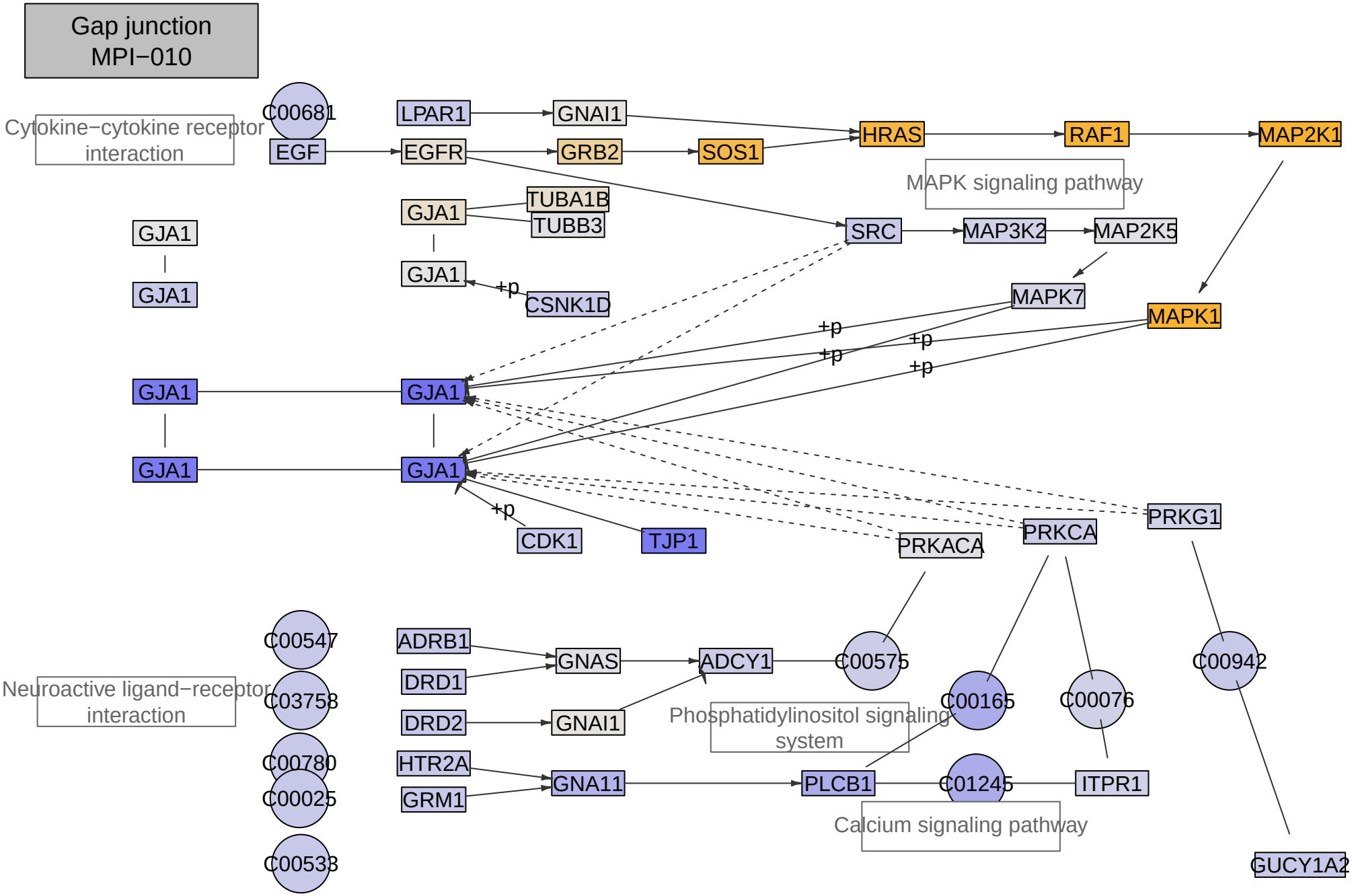

Gap junction
MPI−248
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

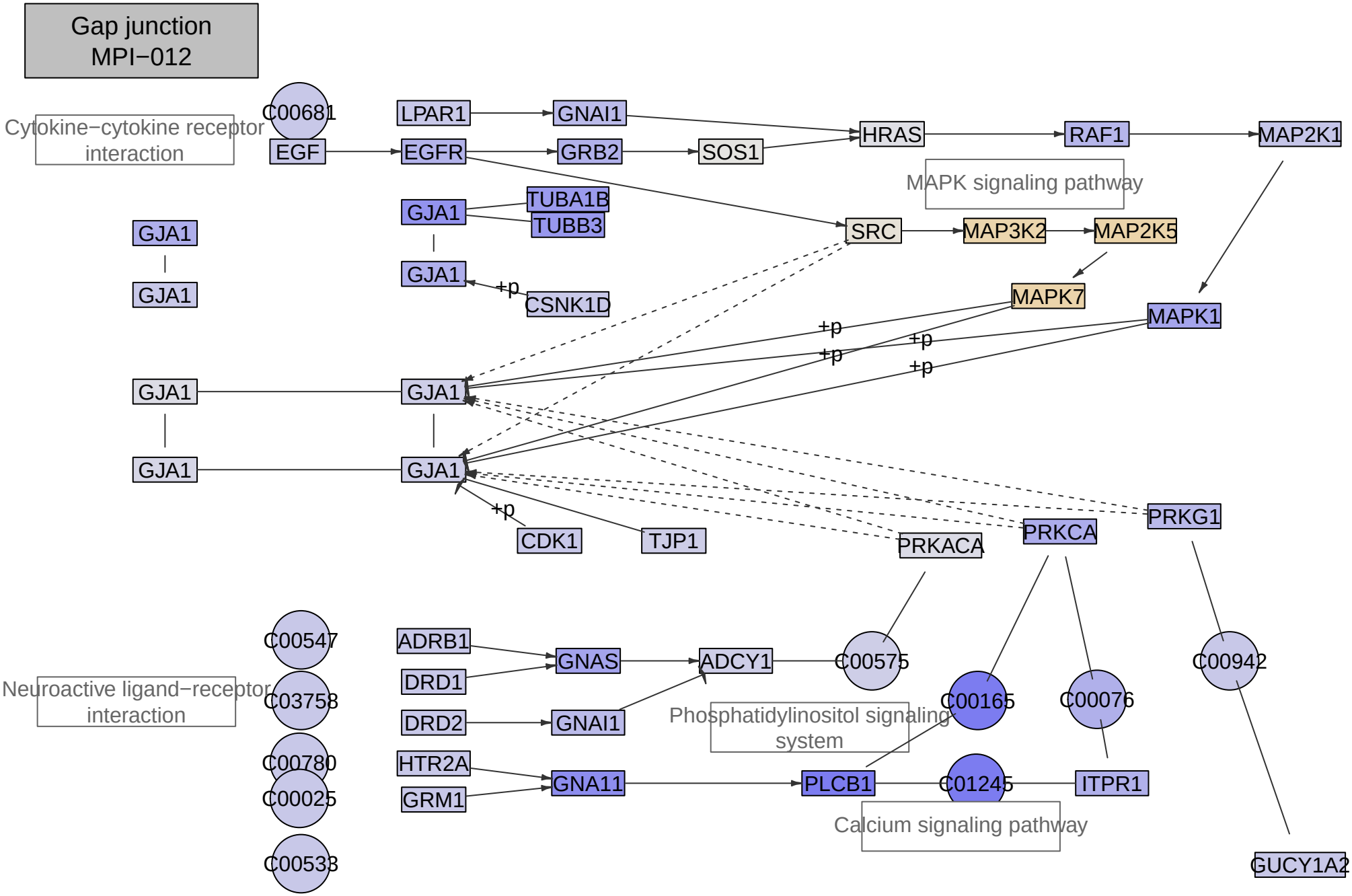

Gap junction
MPI−249
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

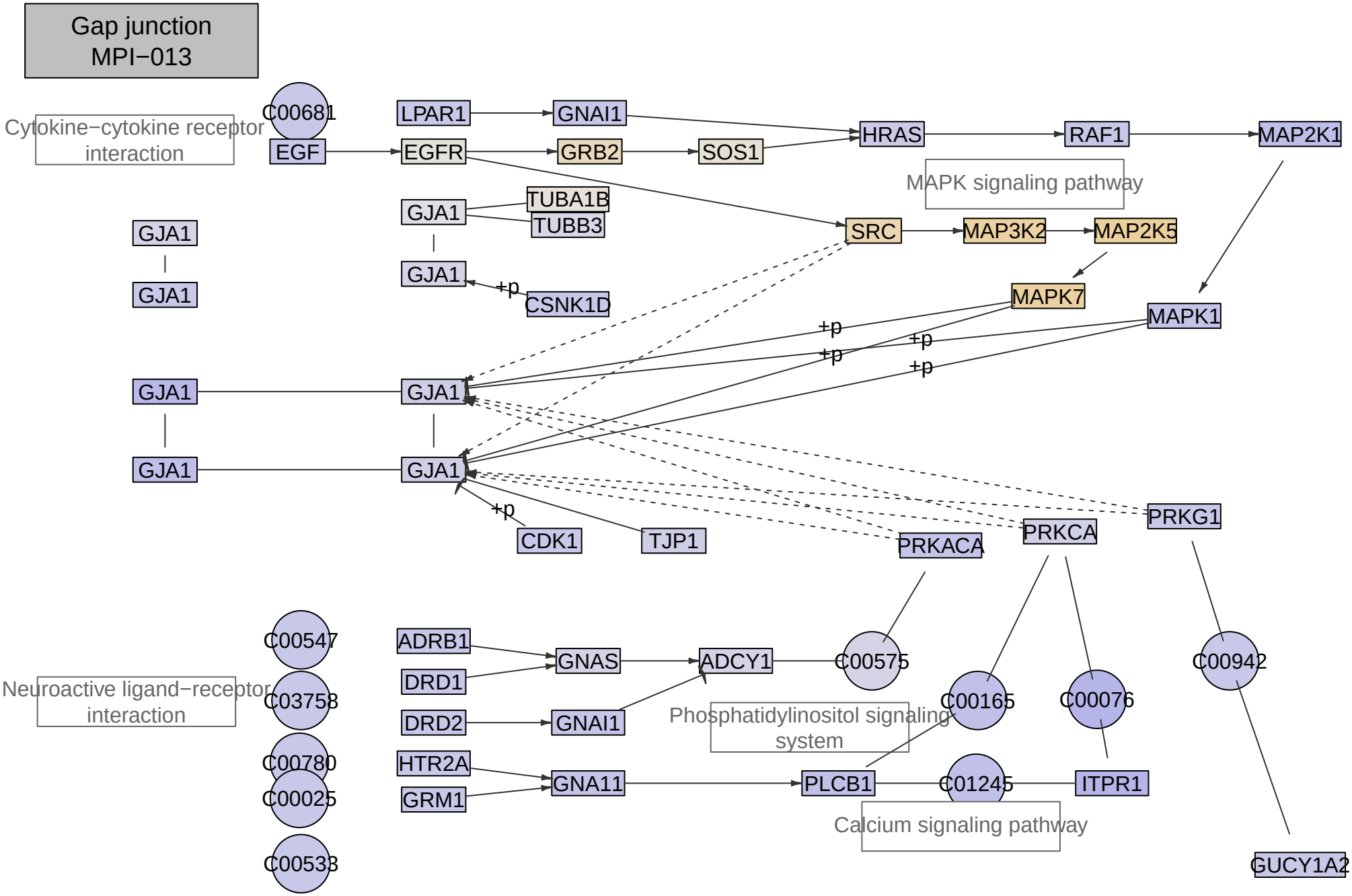

Gap junction
MPI−250
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

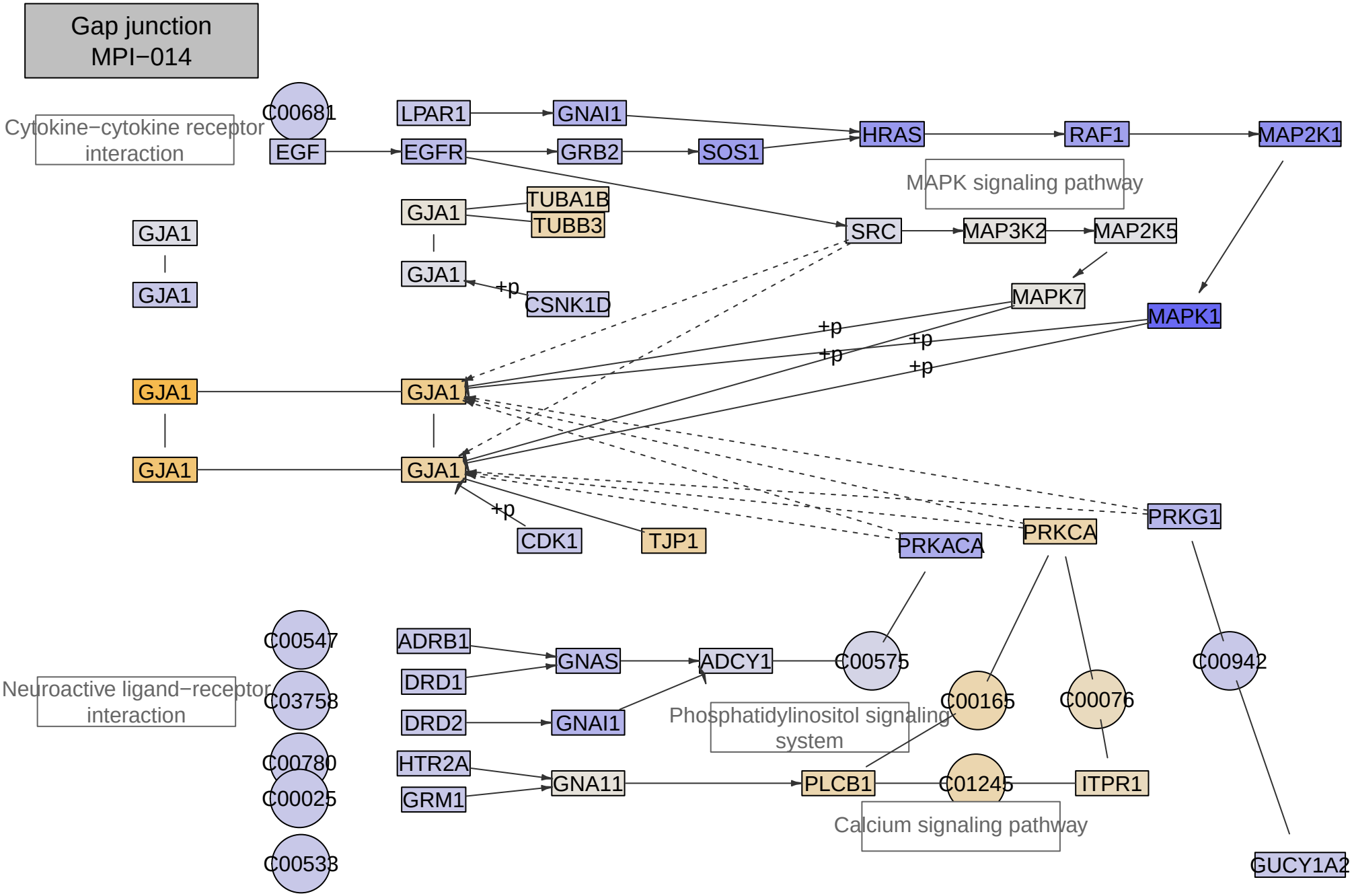

Gap junction
MPI−008
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

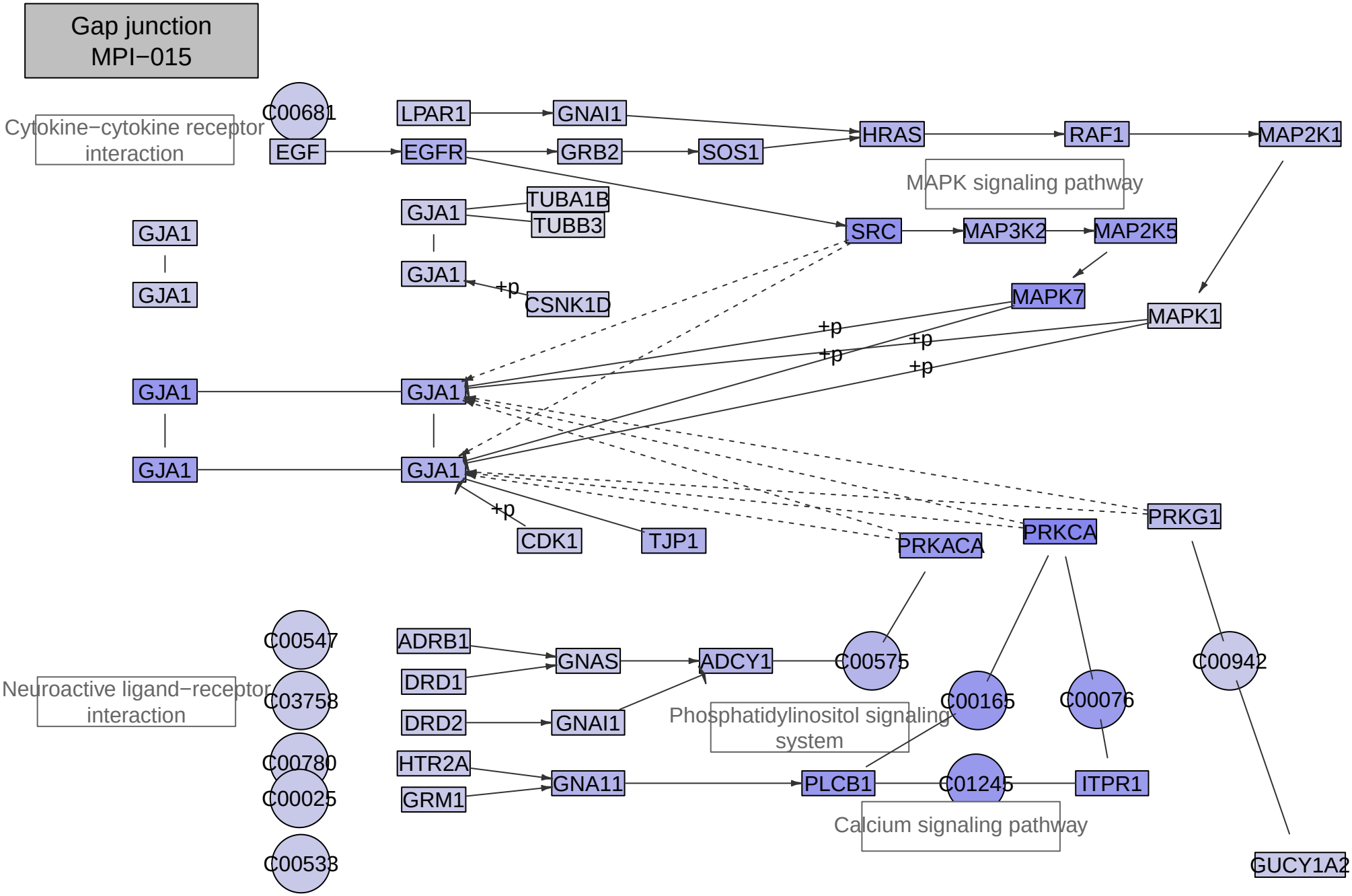

Gap junction
MPI−009
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

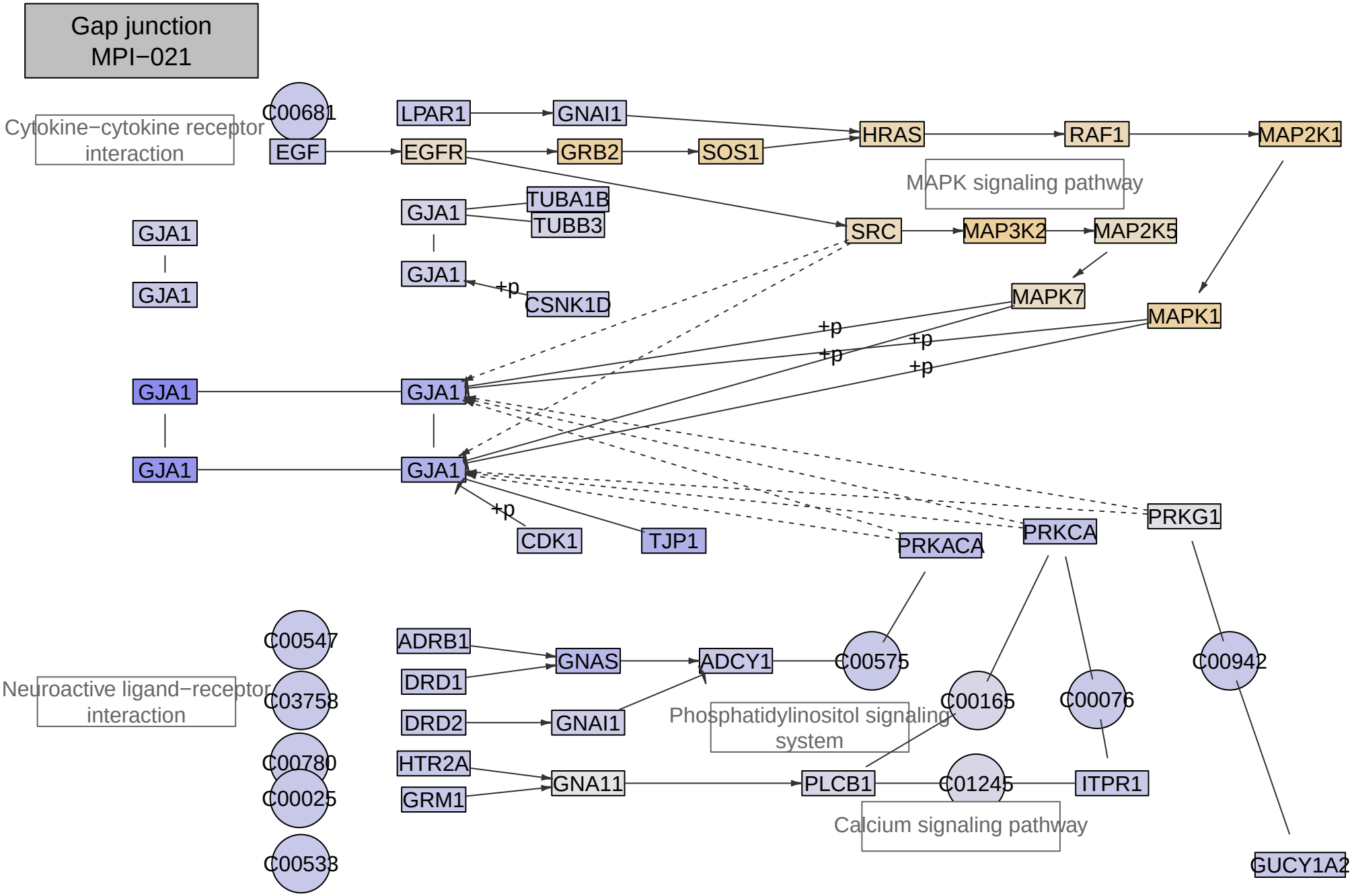

Gap junction
MPI−010
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

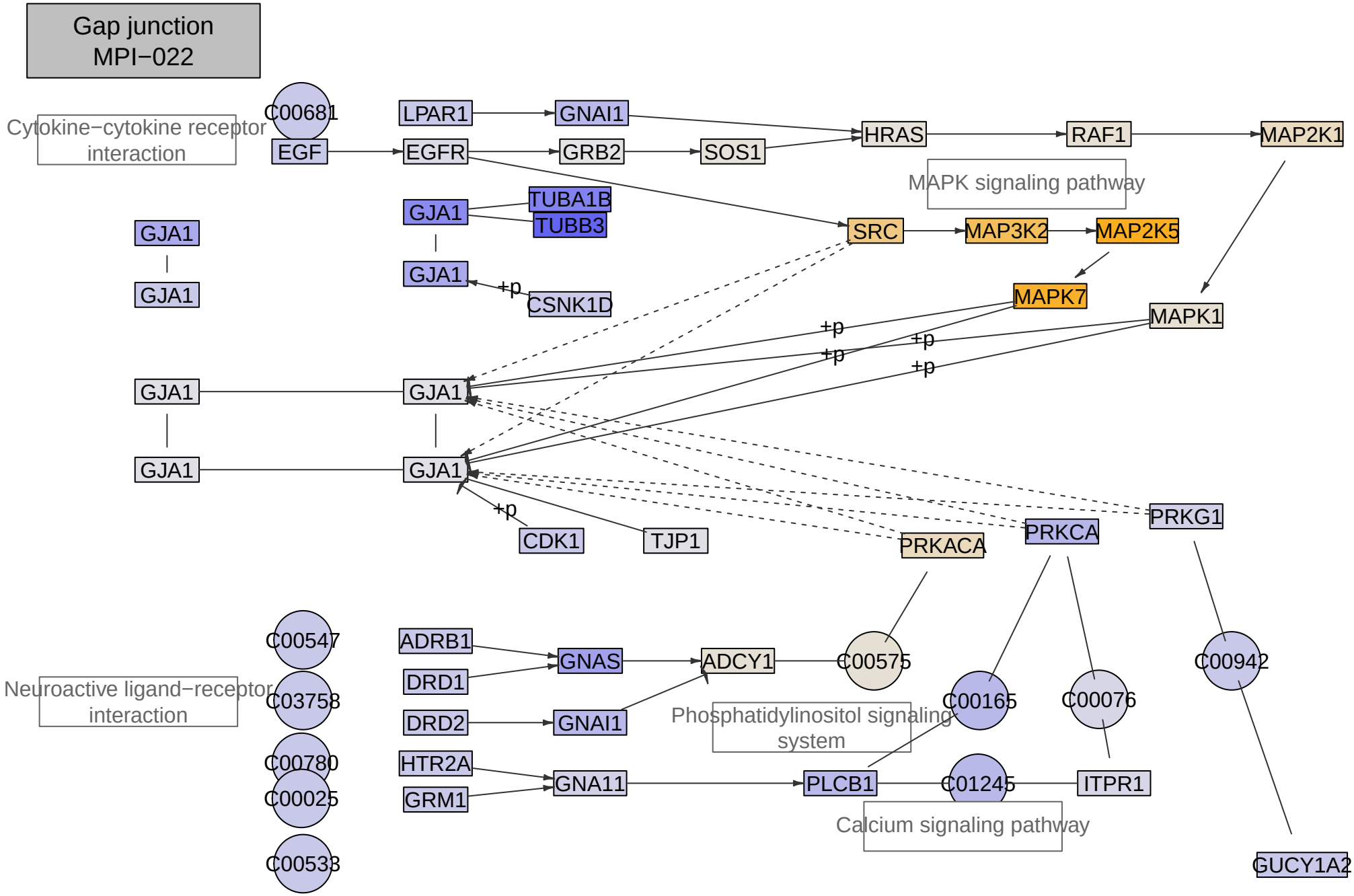

Gap junction
MPI−012
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
GNA11
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

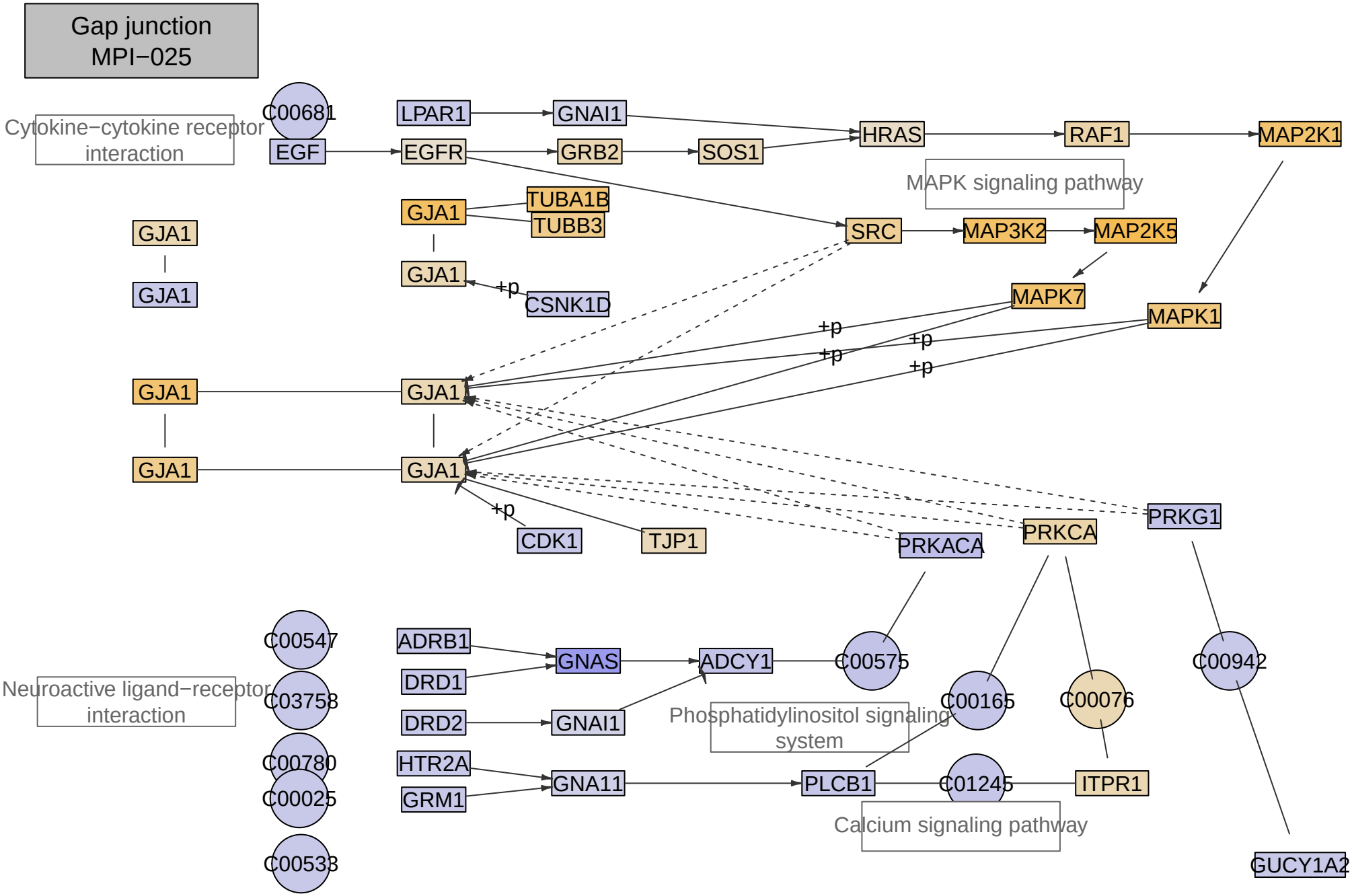

Gap junction
MPI−013
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

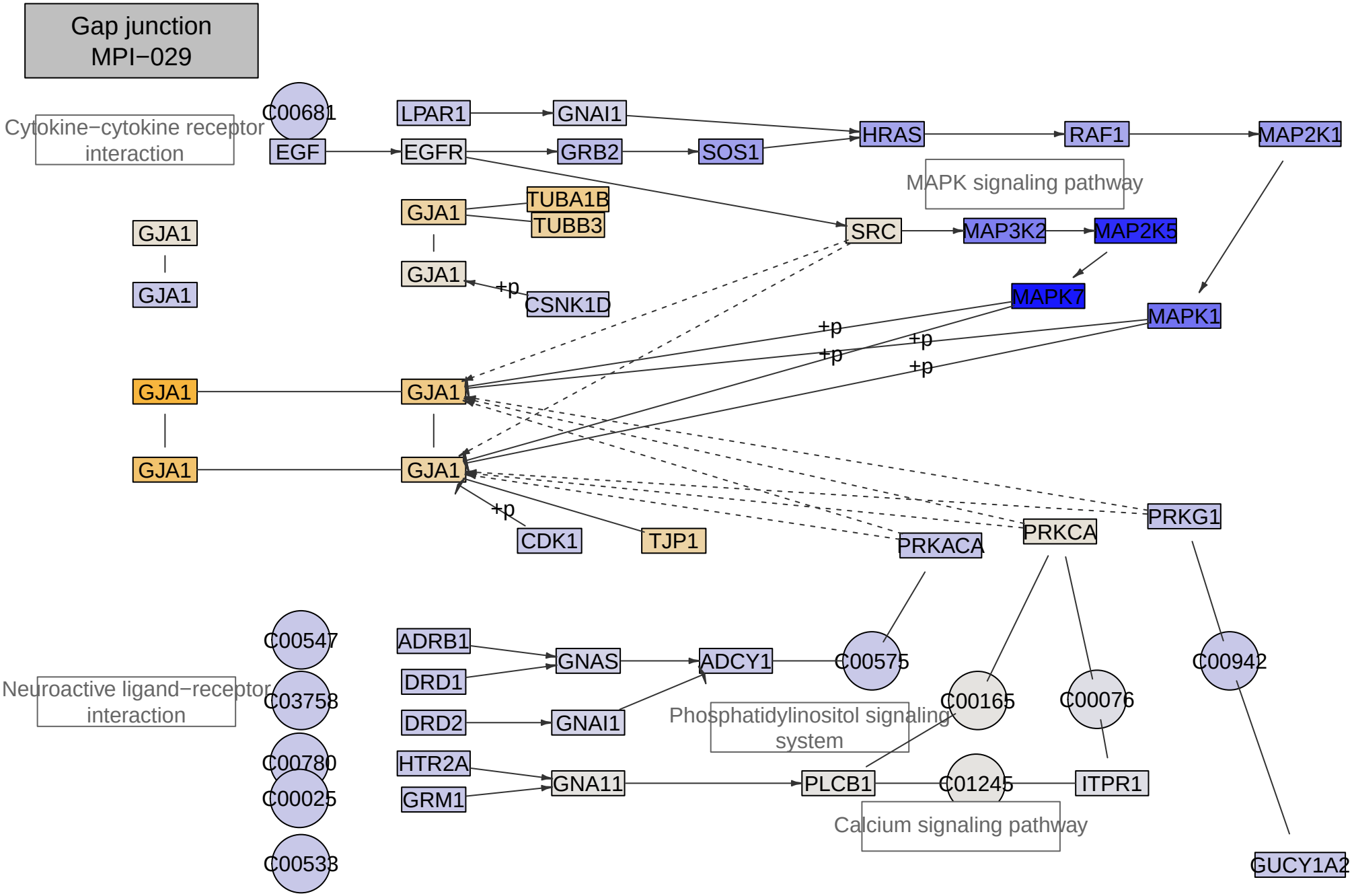

Gap junction
MPI−014
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00942
GUCY1A2
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway

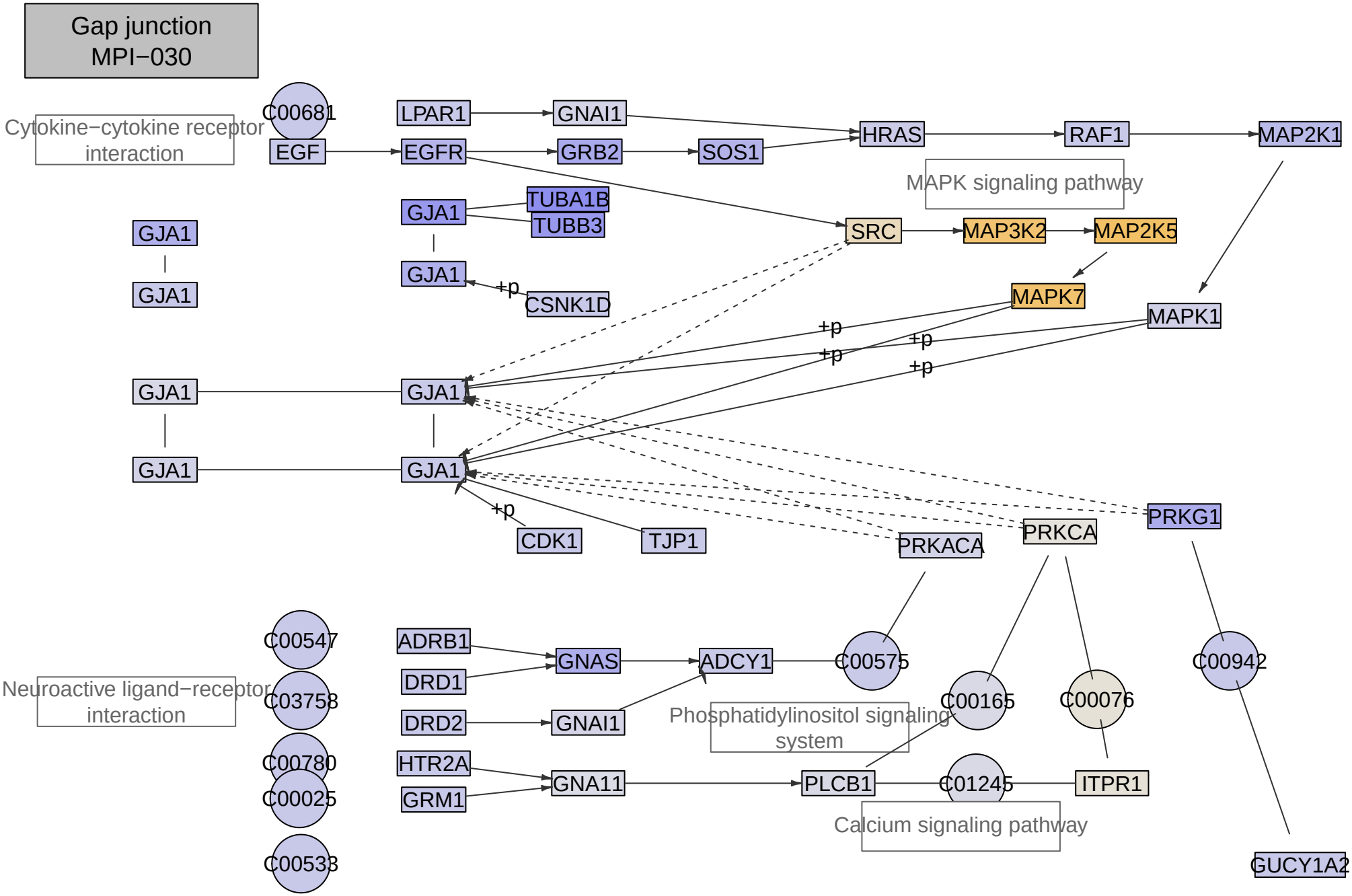

Gap junction
MPI−015
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

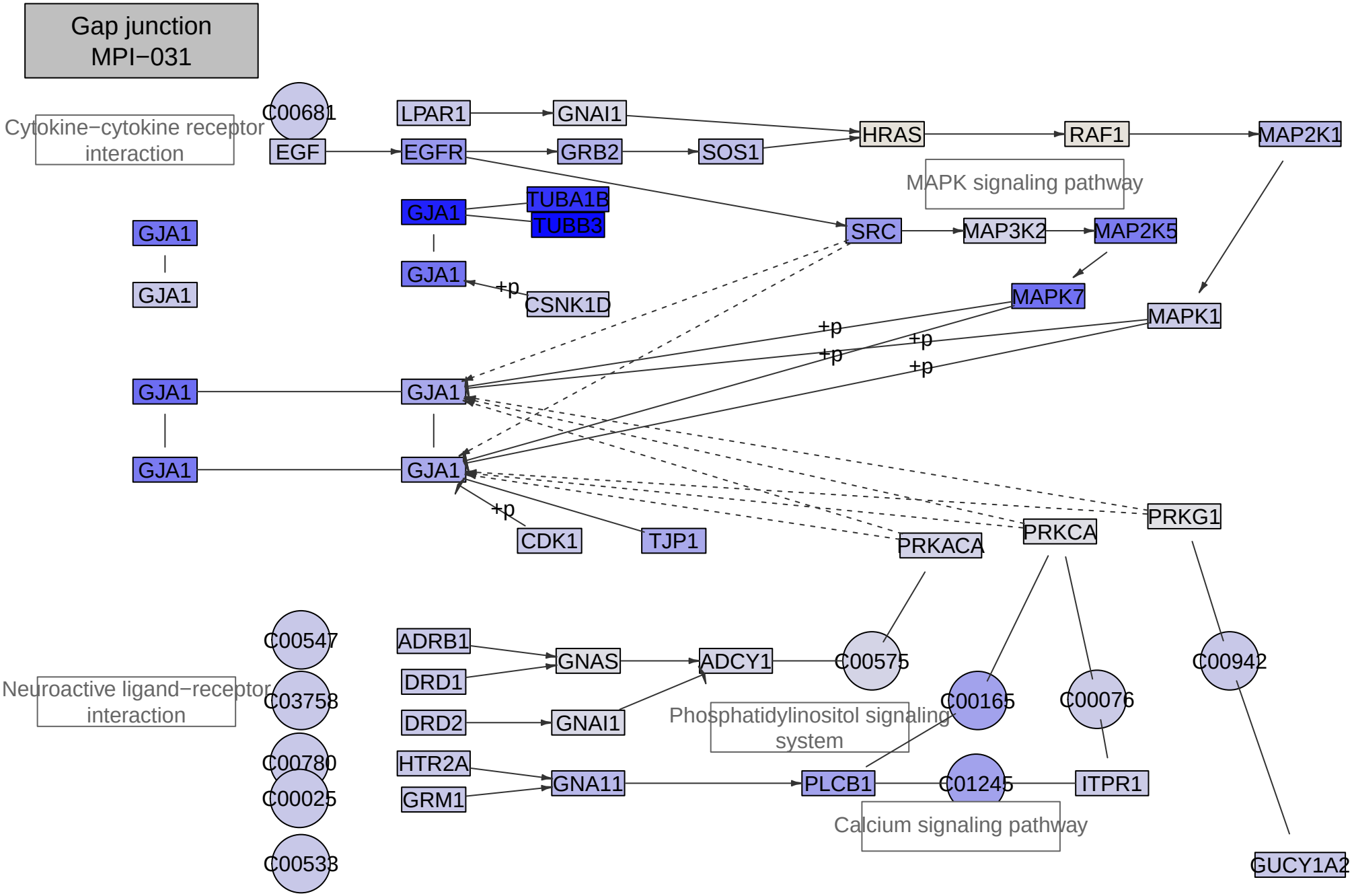

Gap junction
MPI−021
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

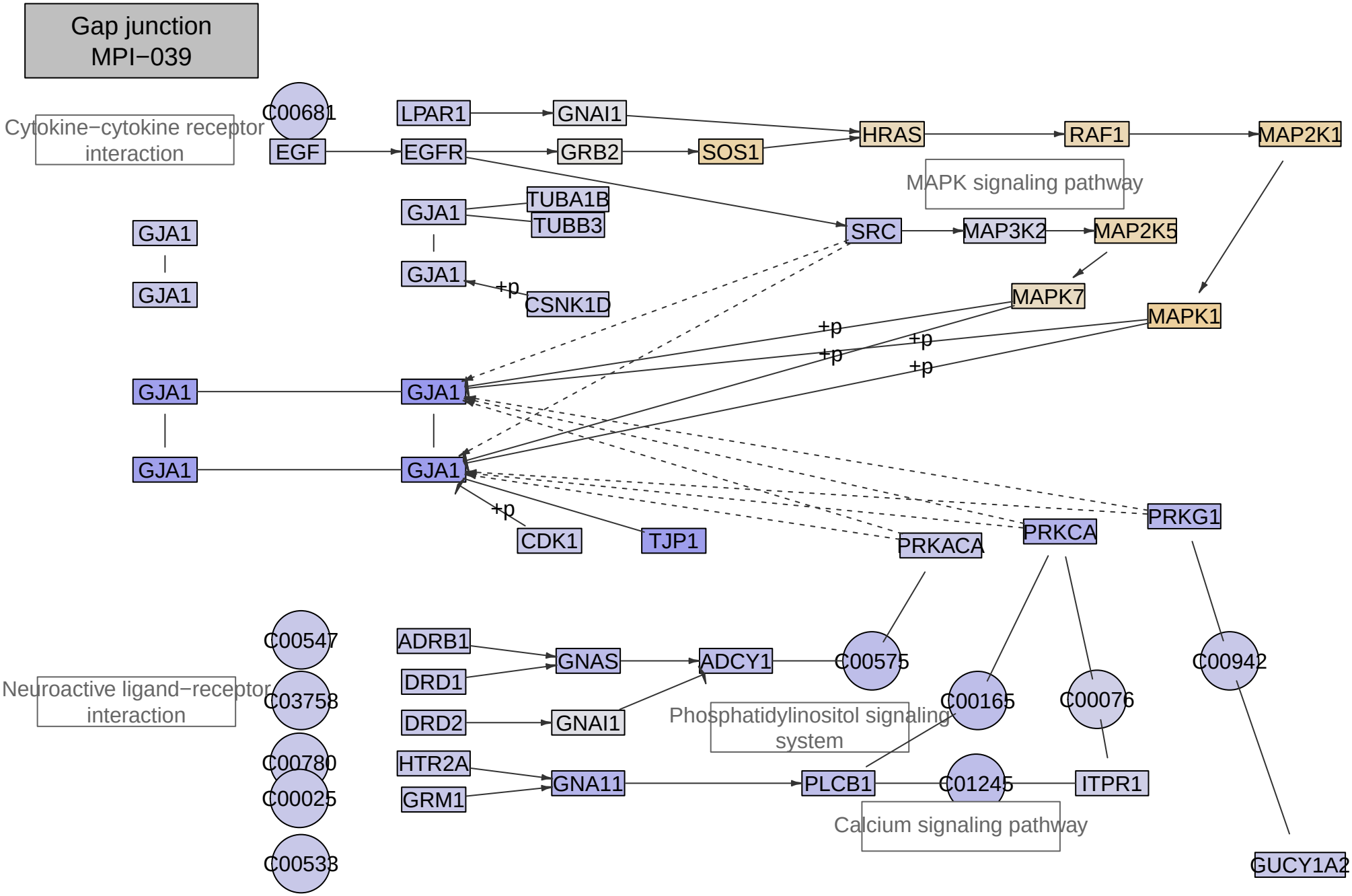

Gap junction
MPI−022
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

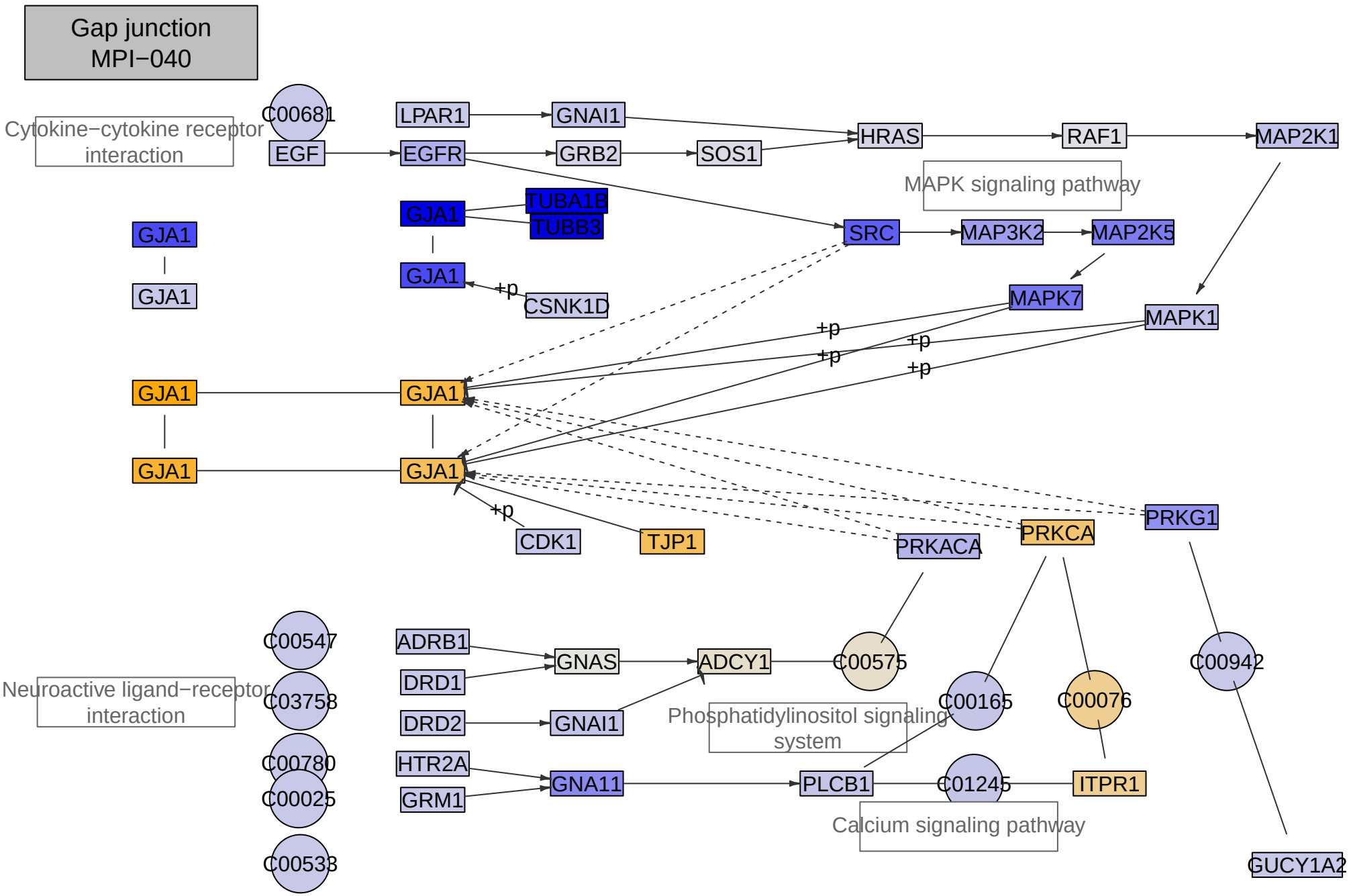

Gap junction
MPI−025
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

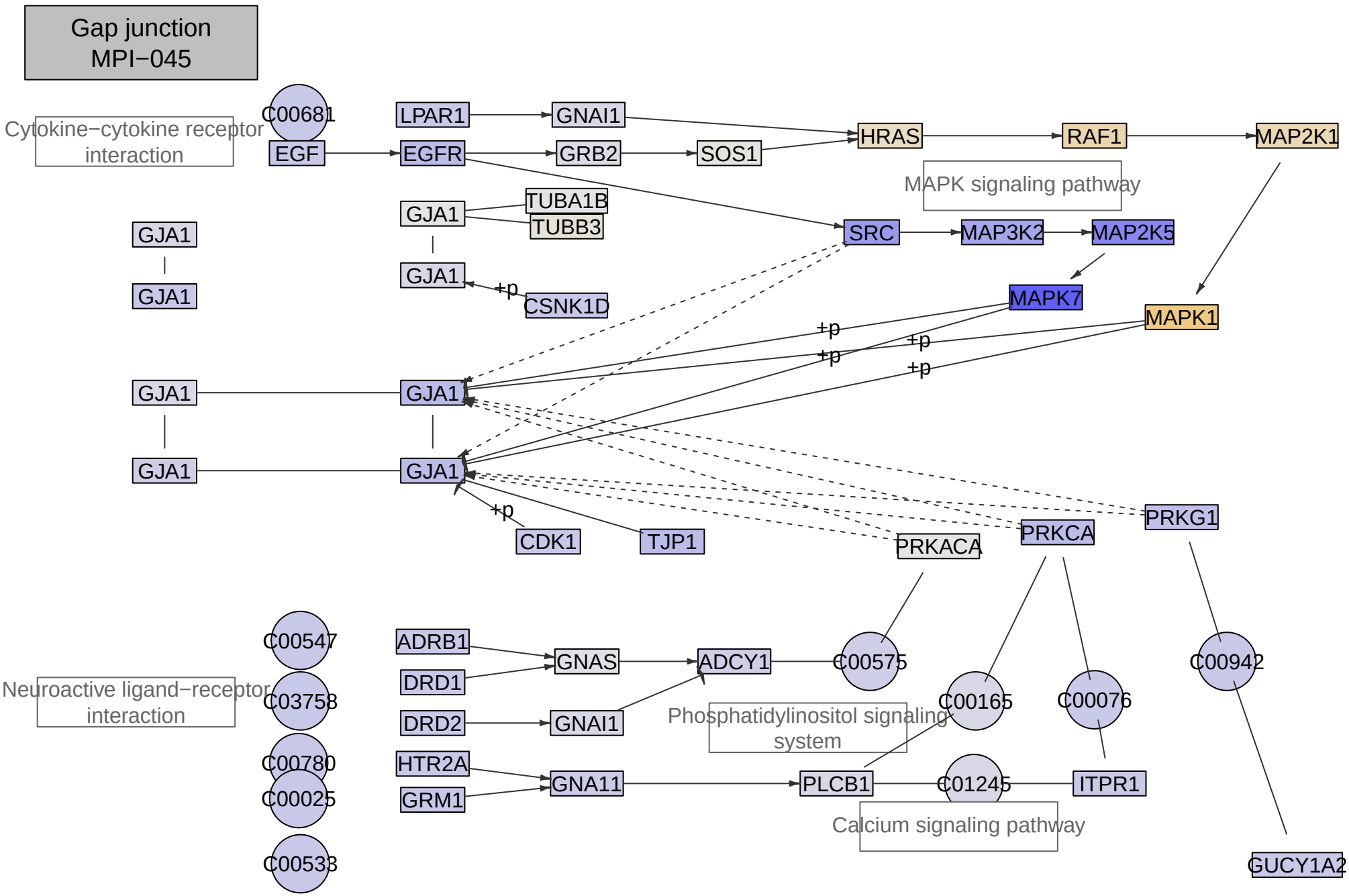

Gap junction
MPI−029
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

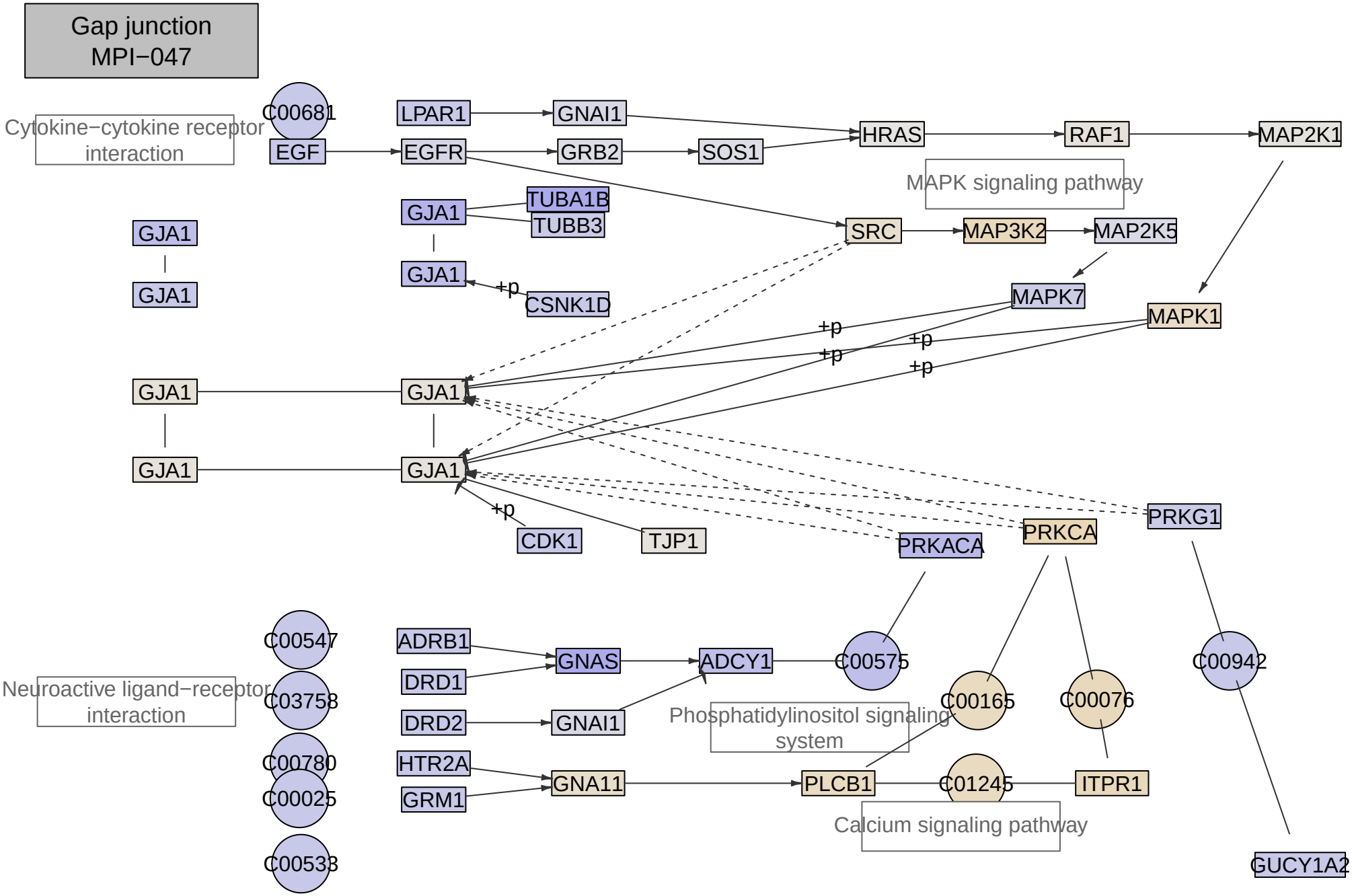

Gap junction
MPI−030
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

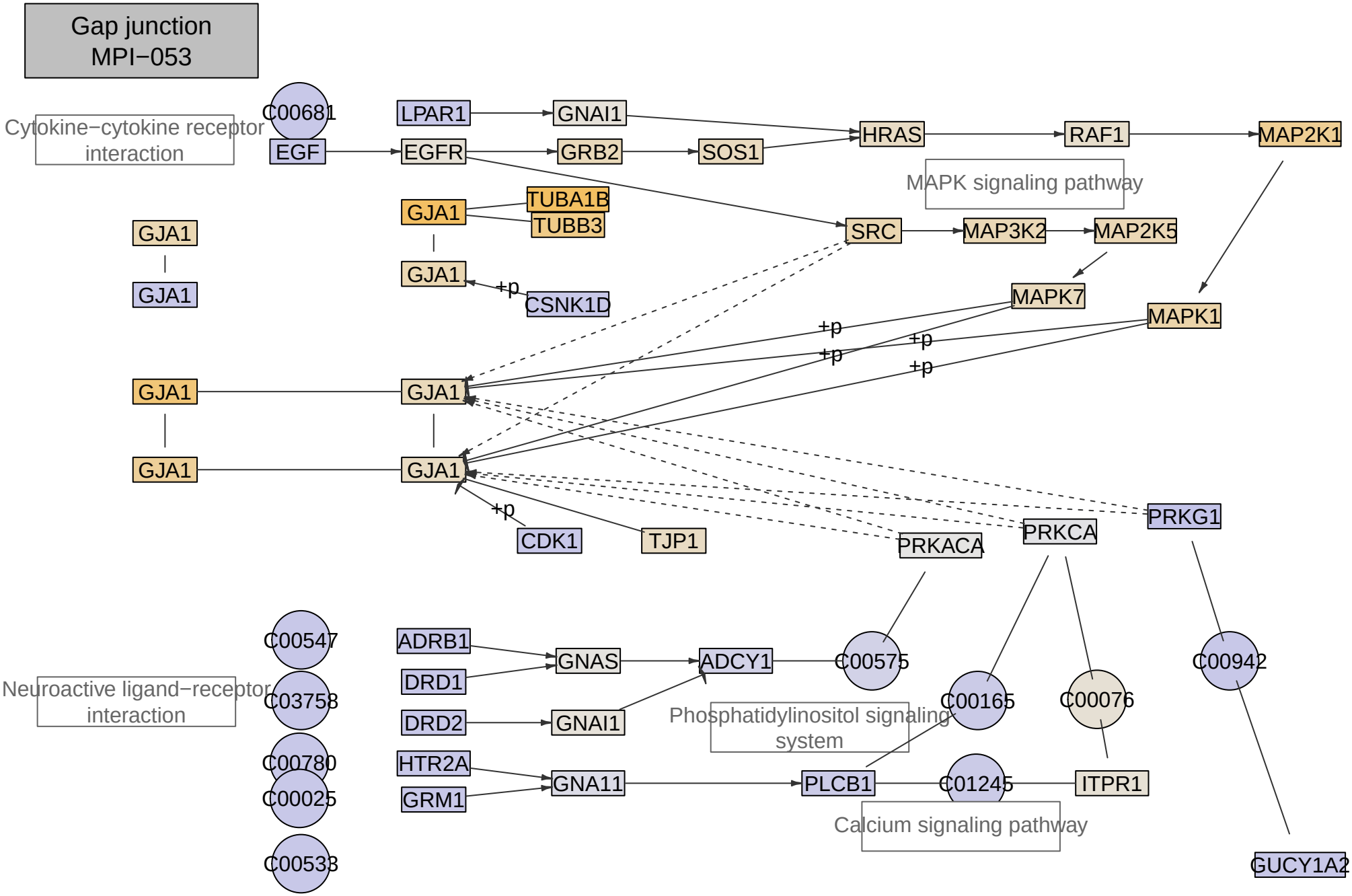

Gap junction
MPI−031
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

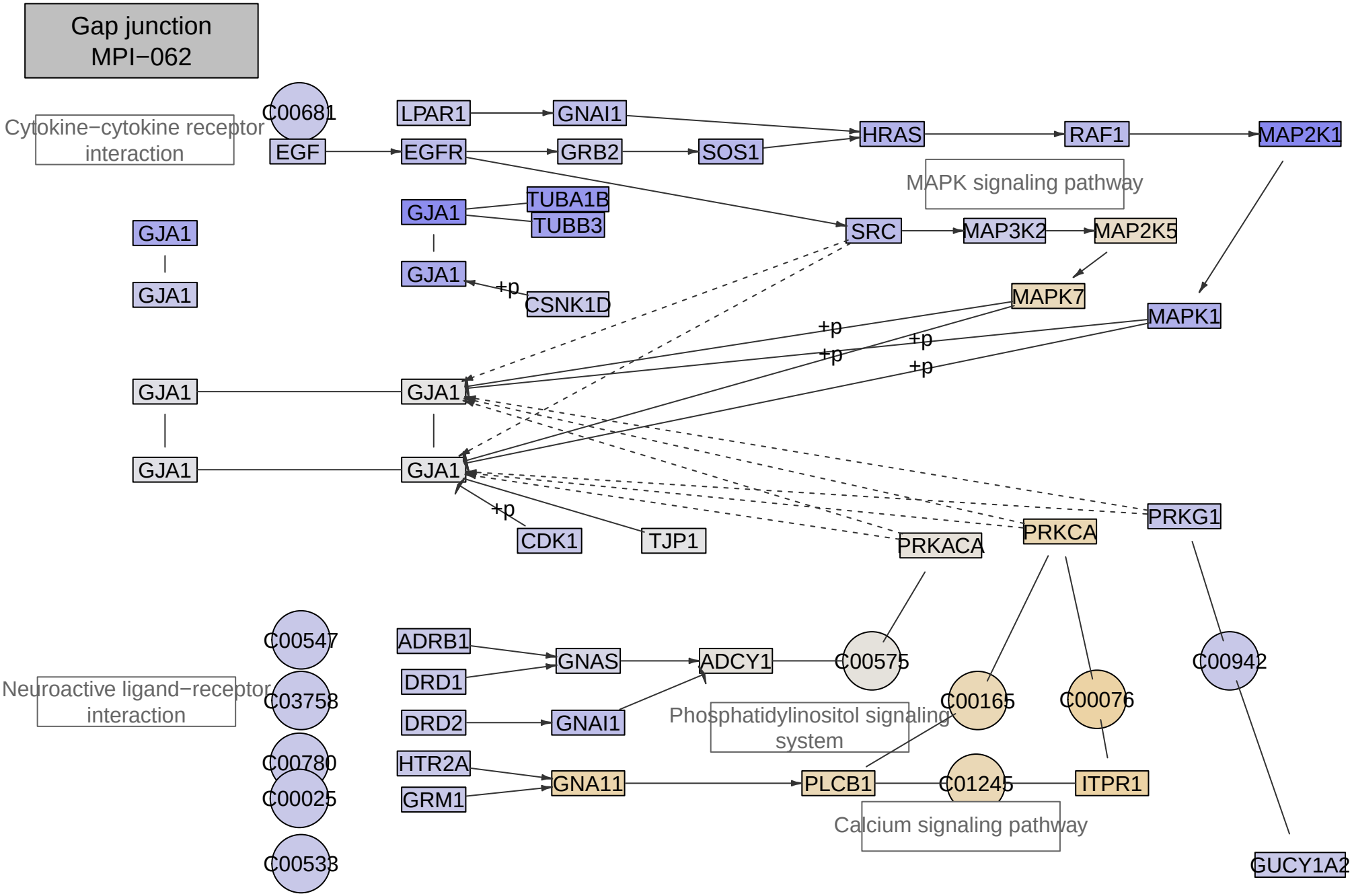

Gap junction
MPI−039
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00942
GUCY1A2
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway

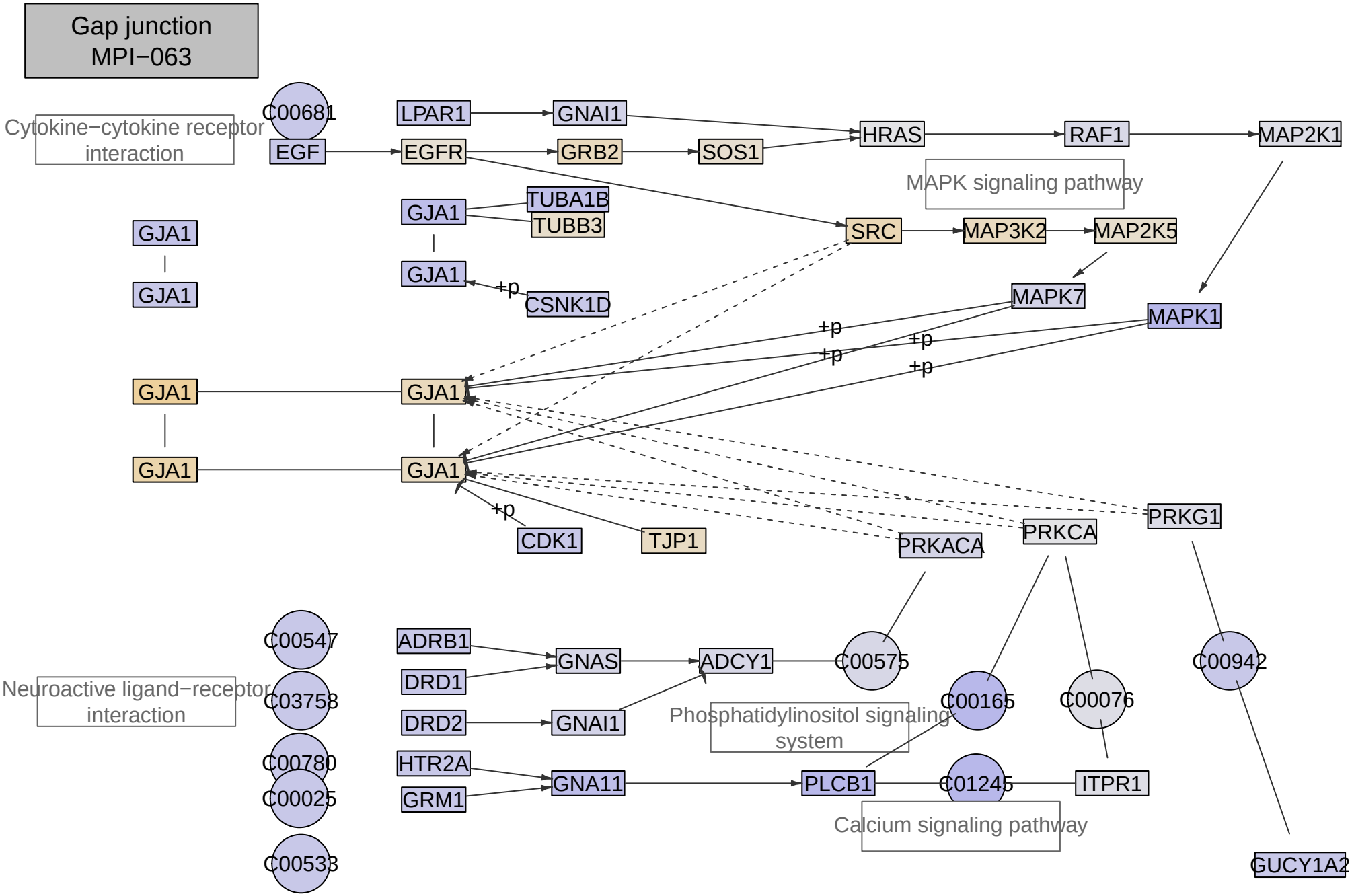

Gap junction
MPI−040
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

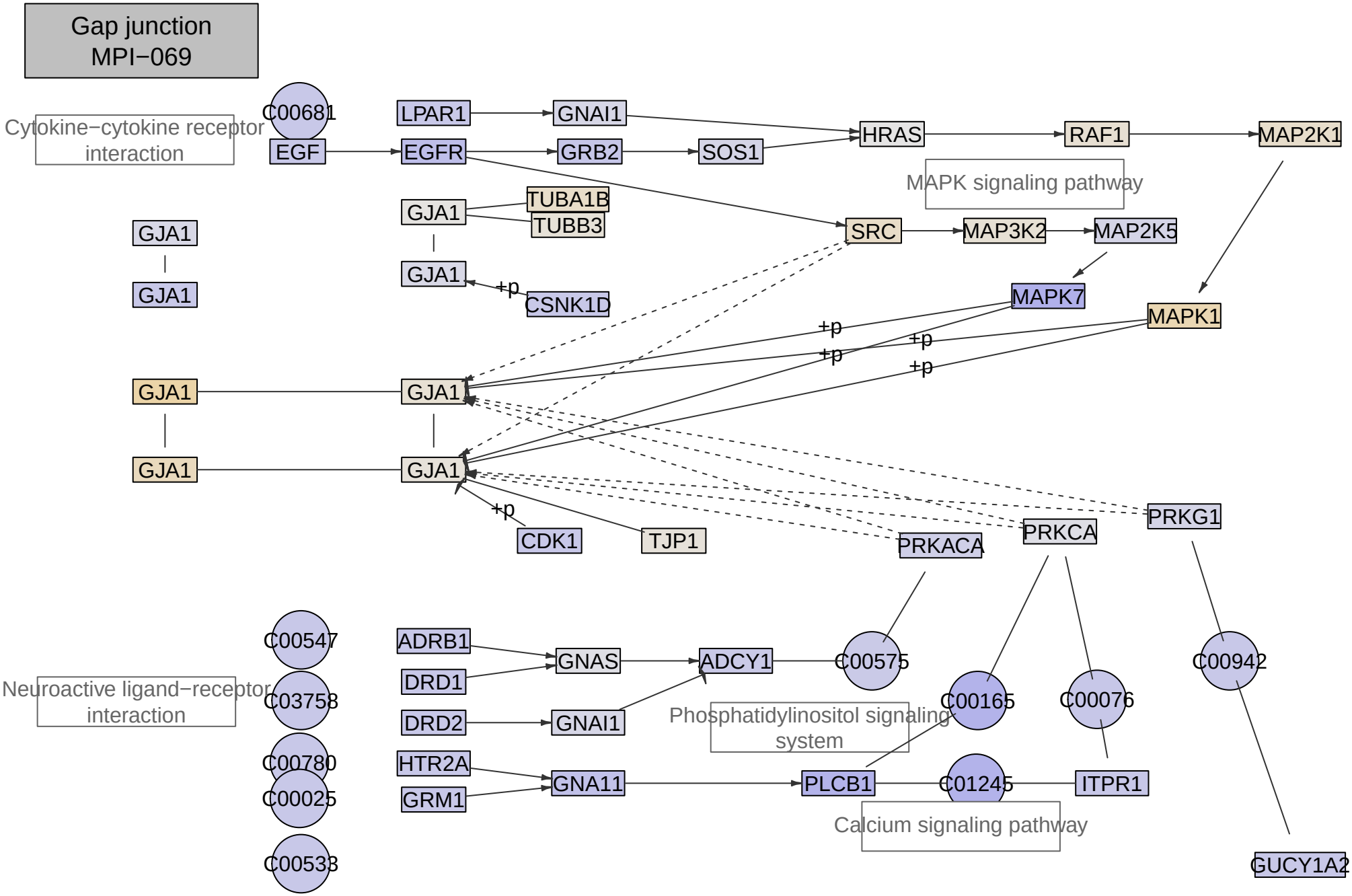

Gap junction
MPI−045
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

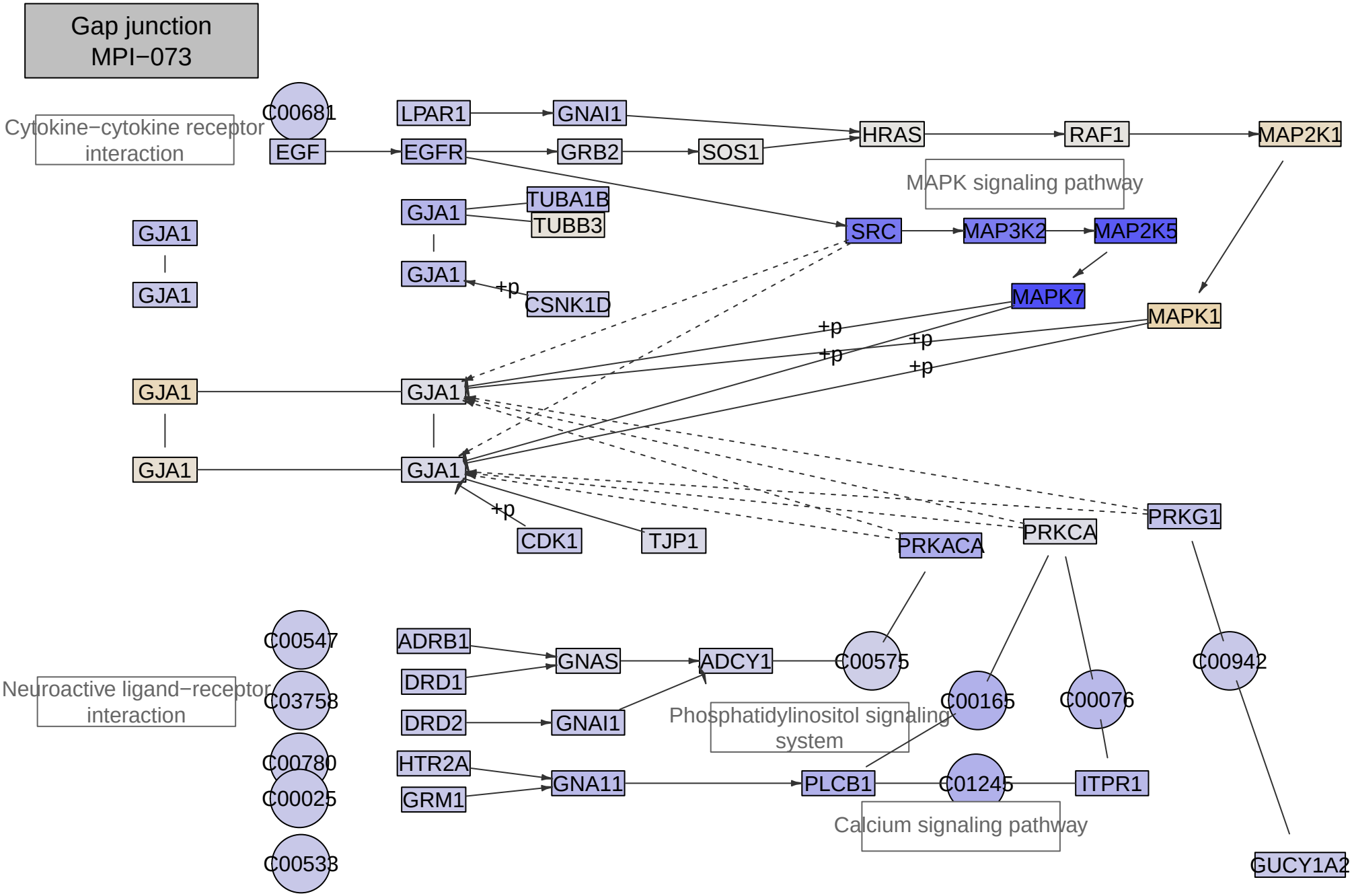

Gap junction
MPI−047
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

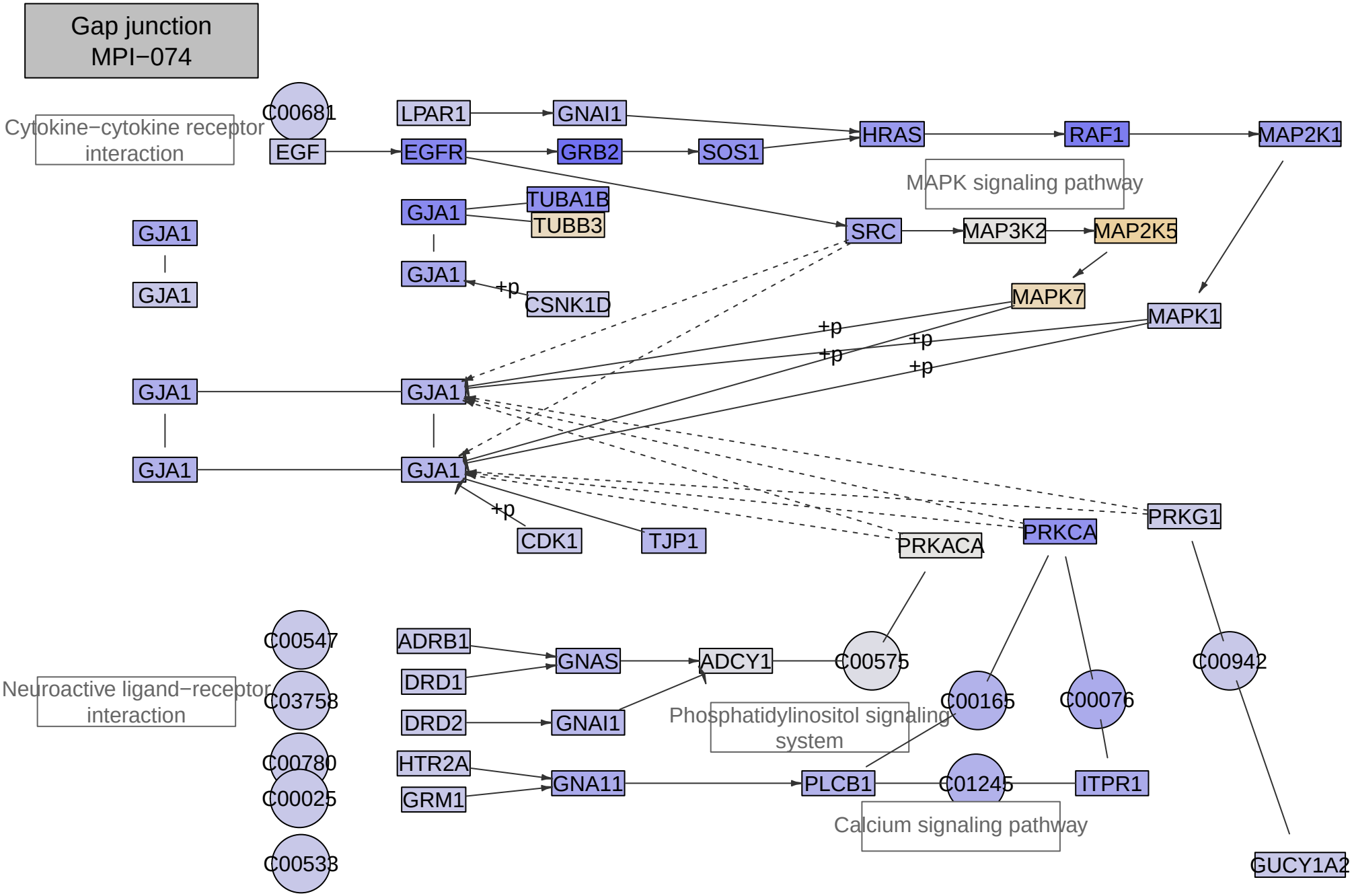

Gap junction
MPI−053
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

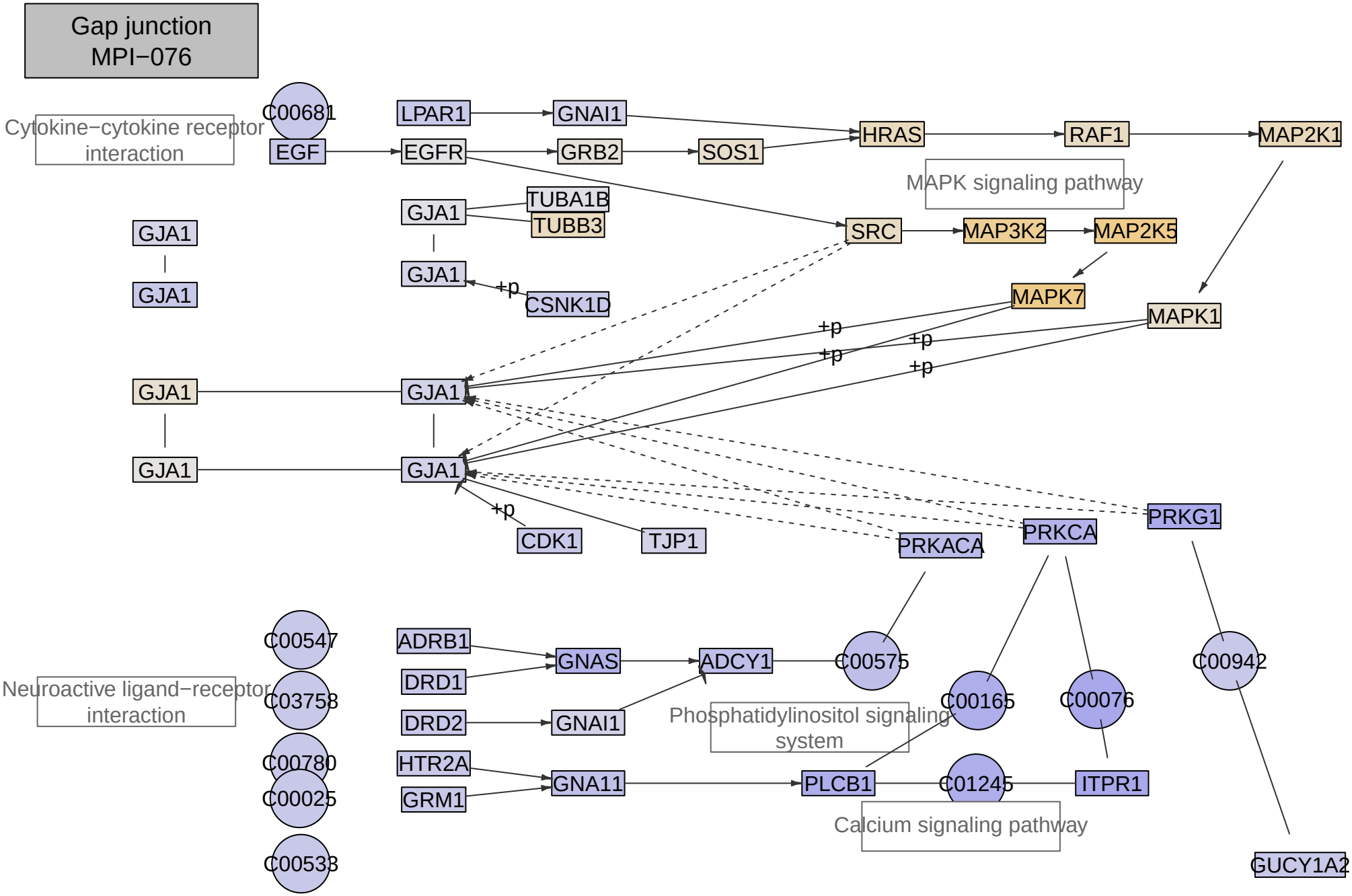

Gap junction
MPI−062
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

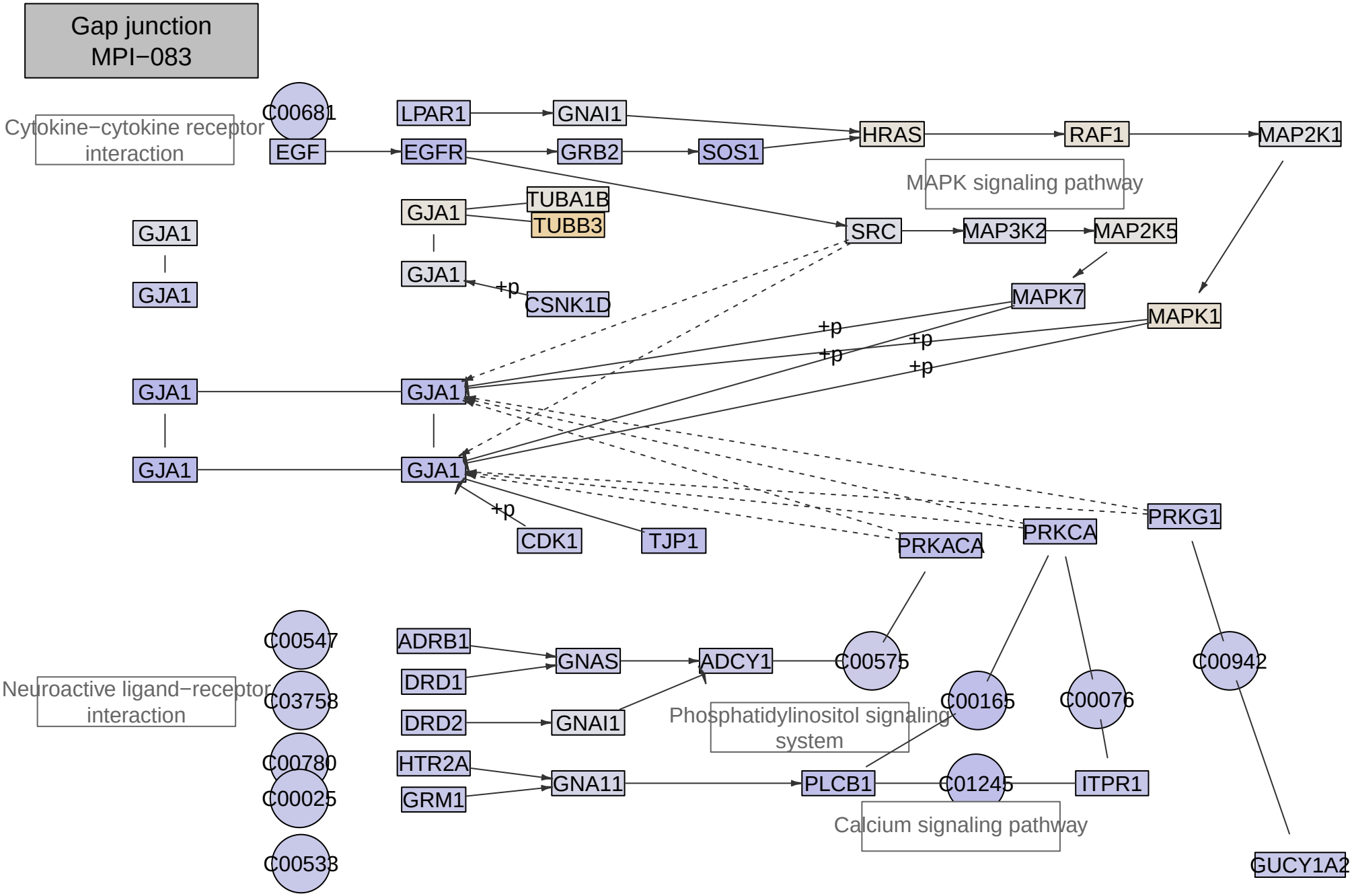

Gap junction
MPI−063
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

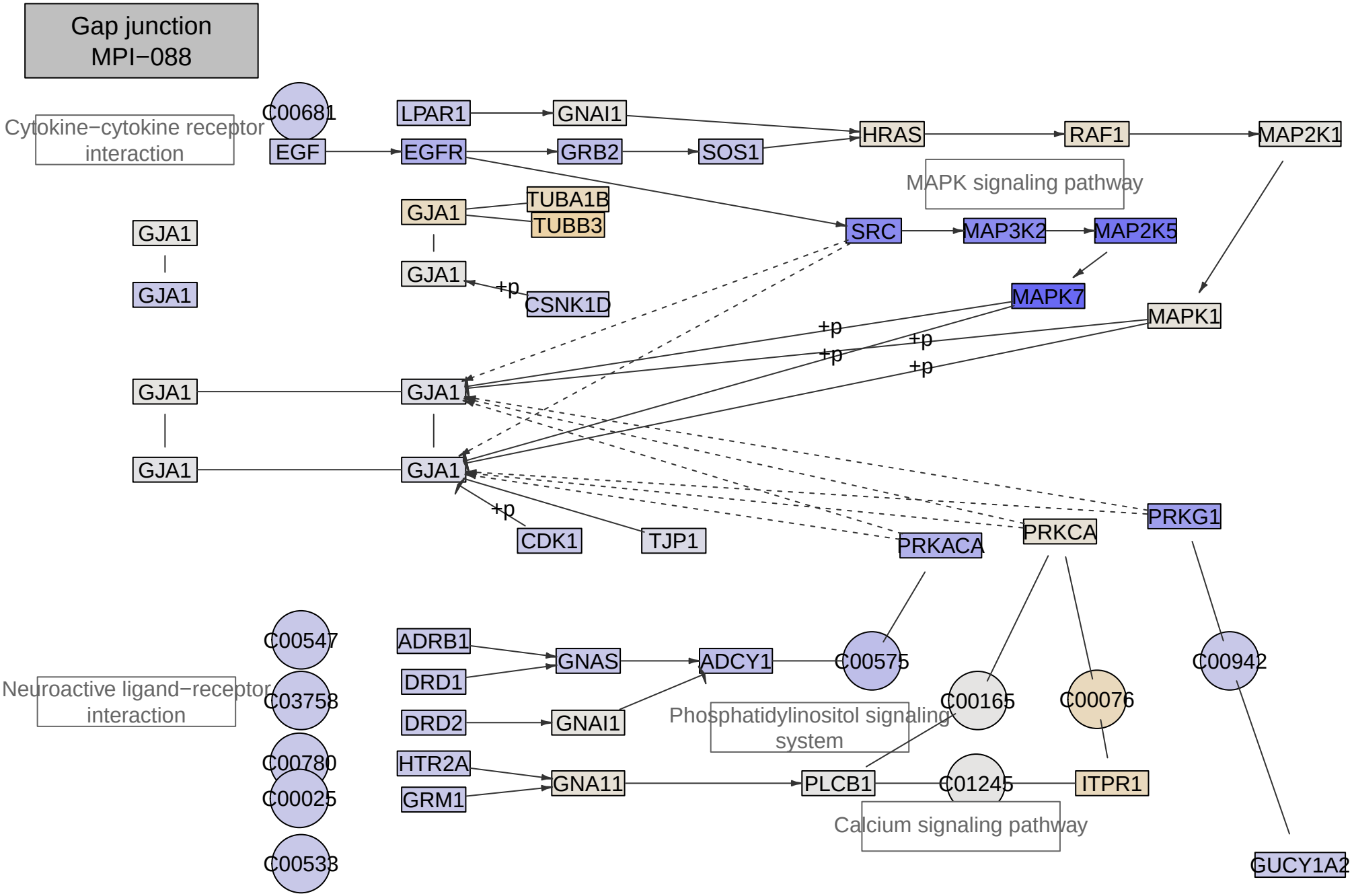

Gap junction
MPI−069
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

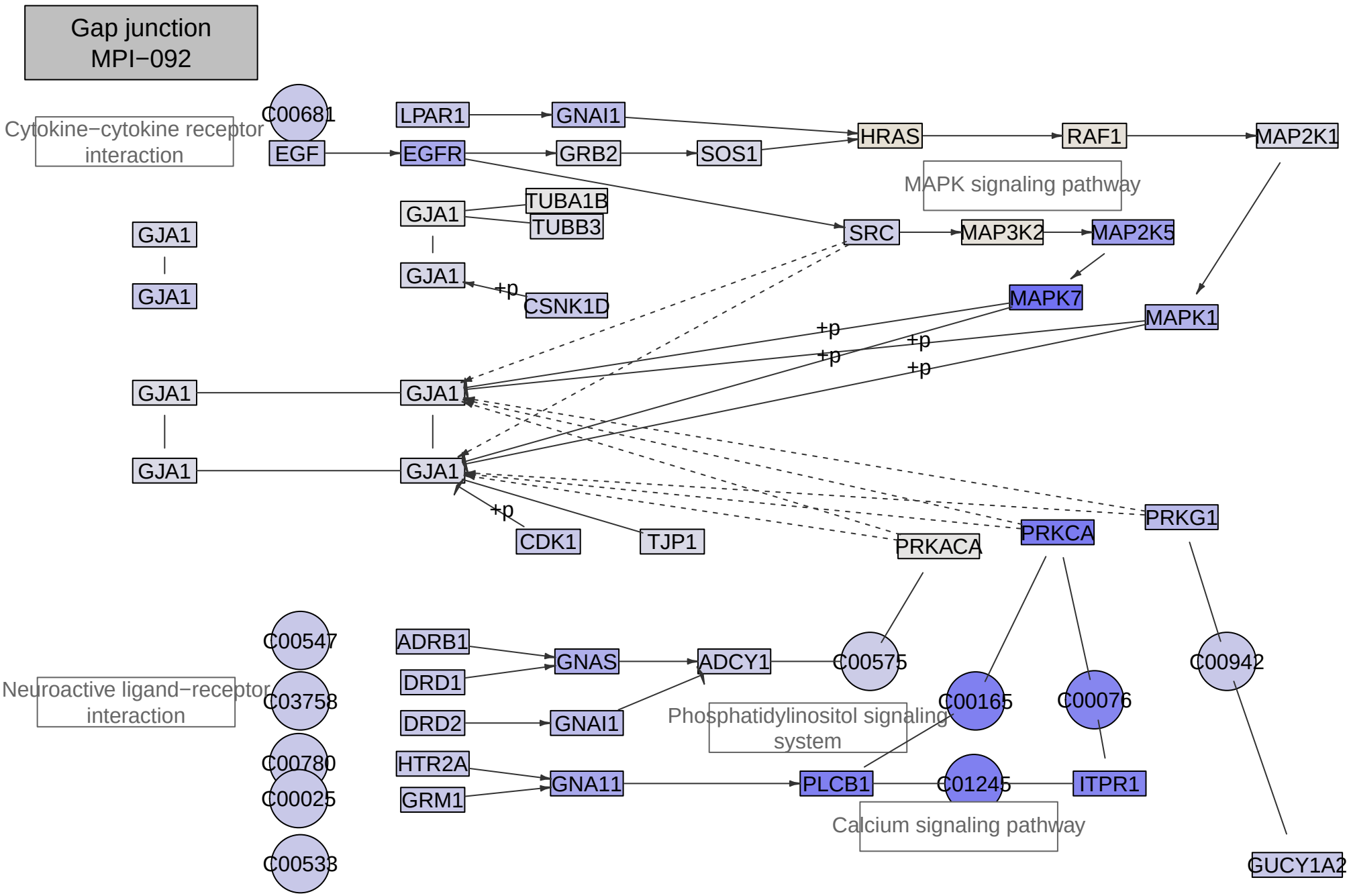

Gap junction
MPI−073
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

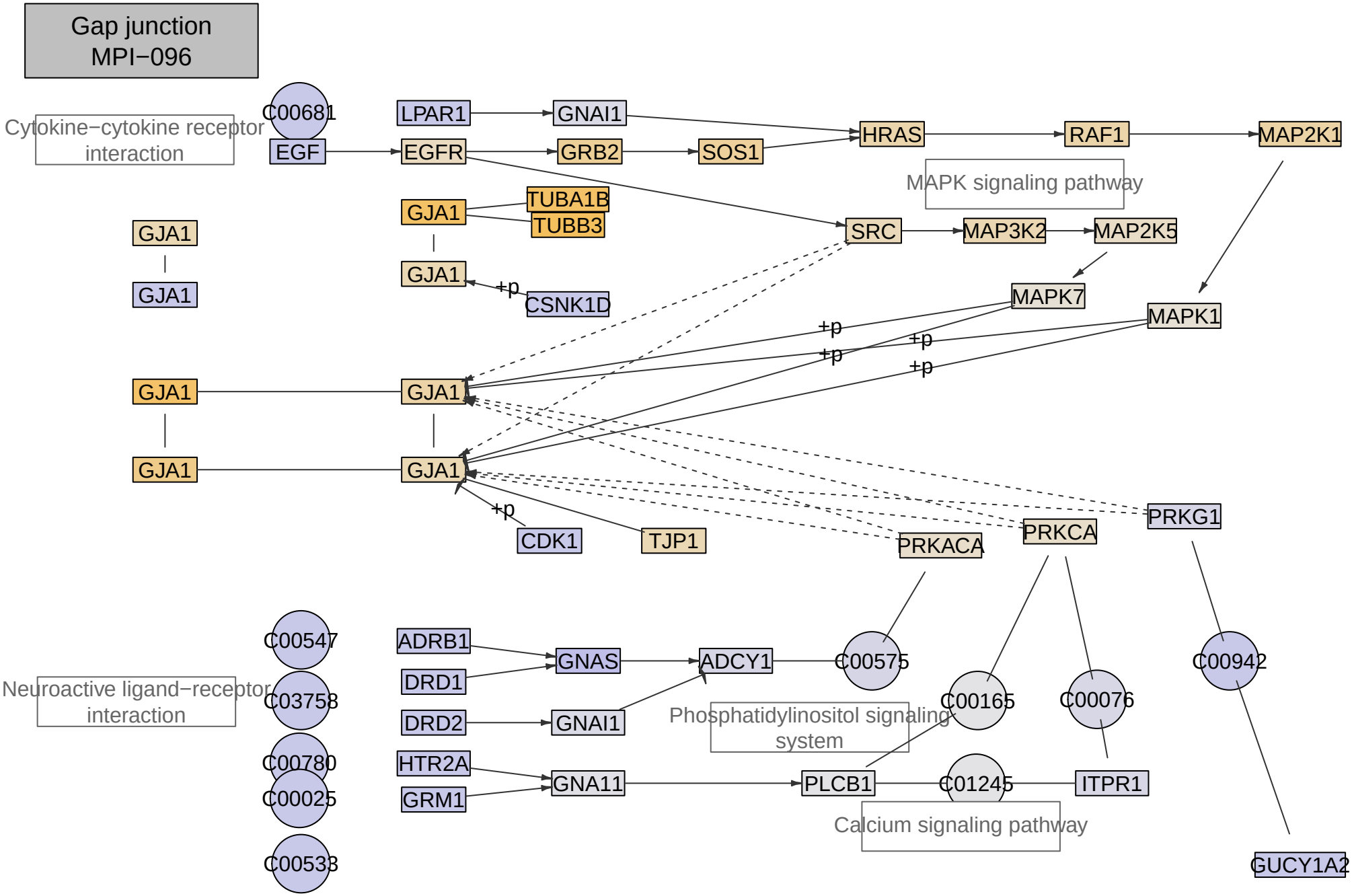

Gap junction
MPI−074
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

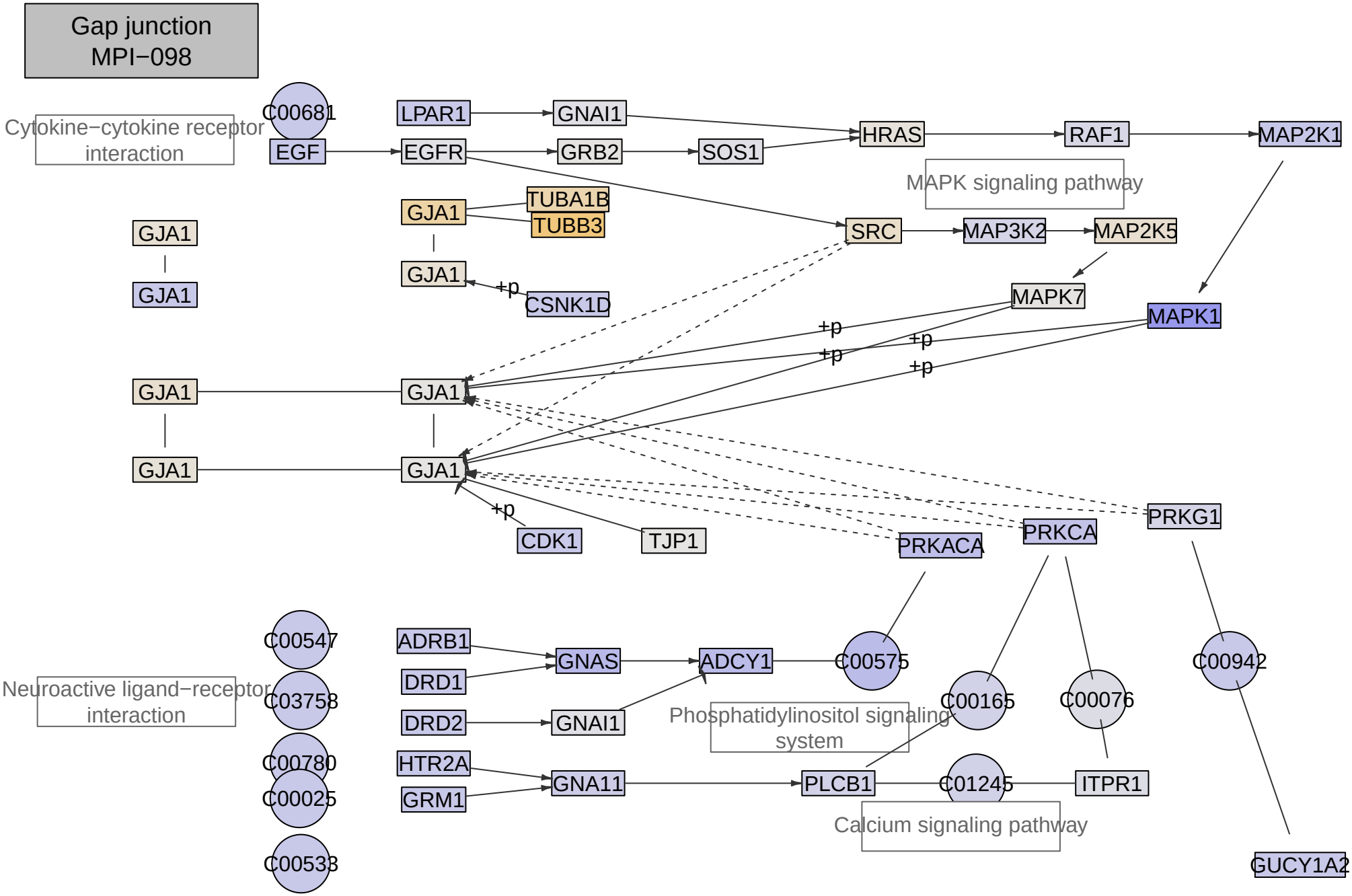

Gap junction
MPI−076
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

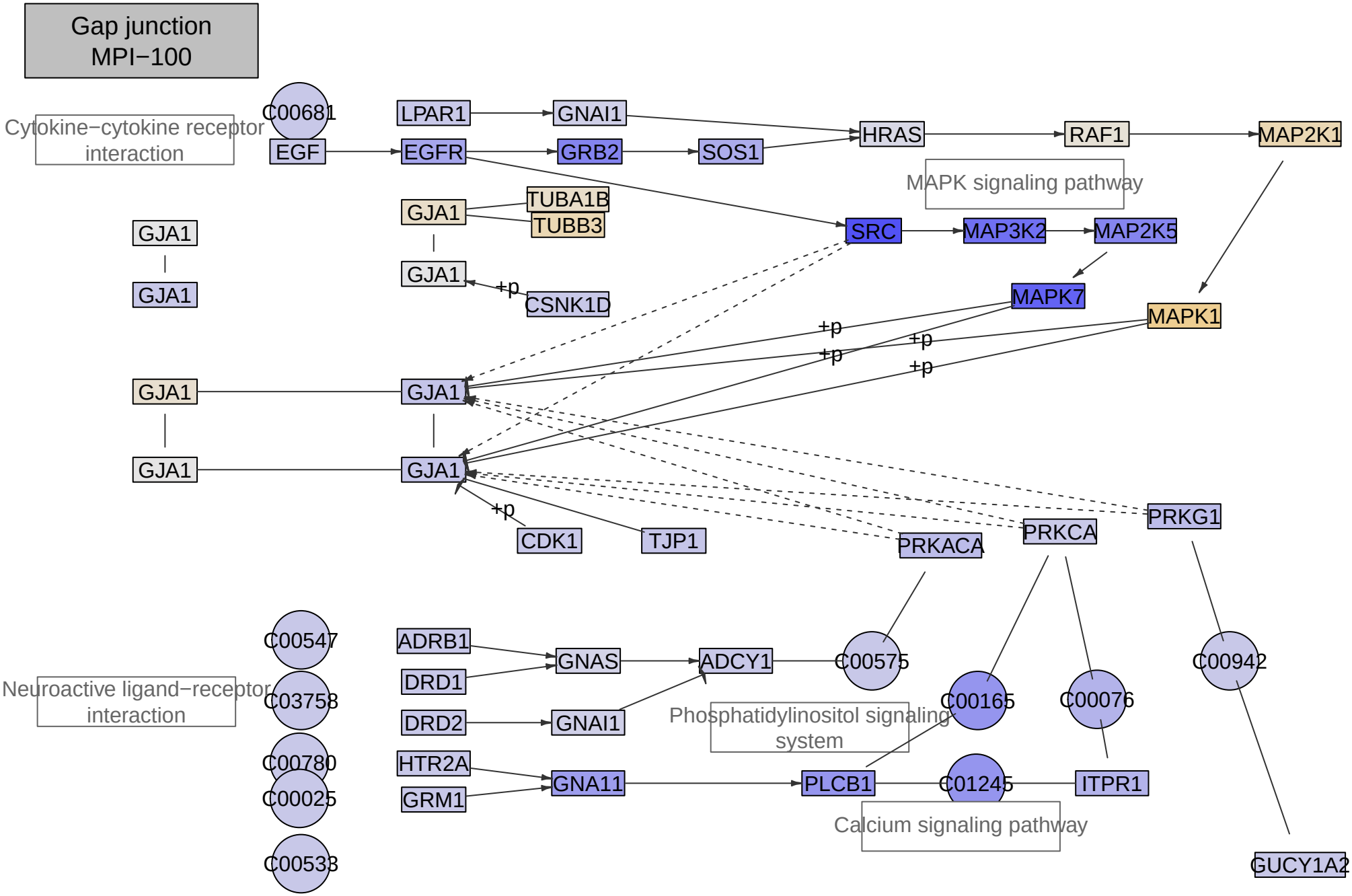

Gap junction
MPI−083
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

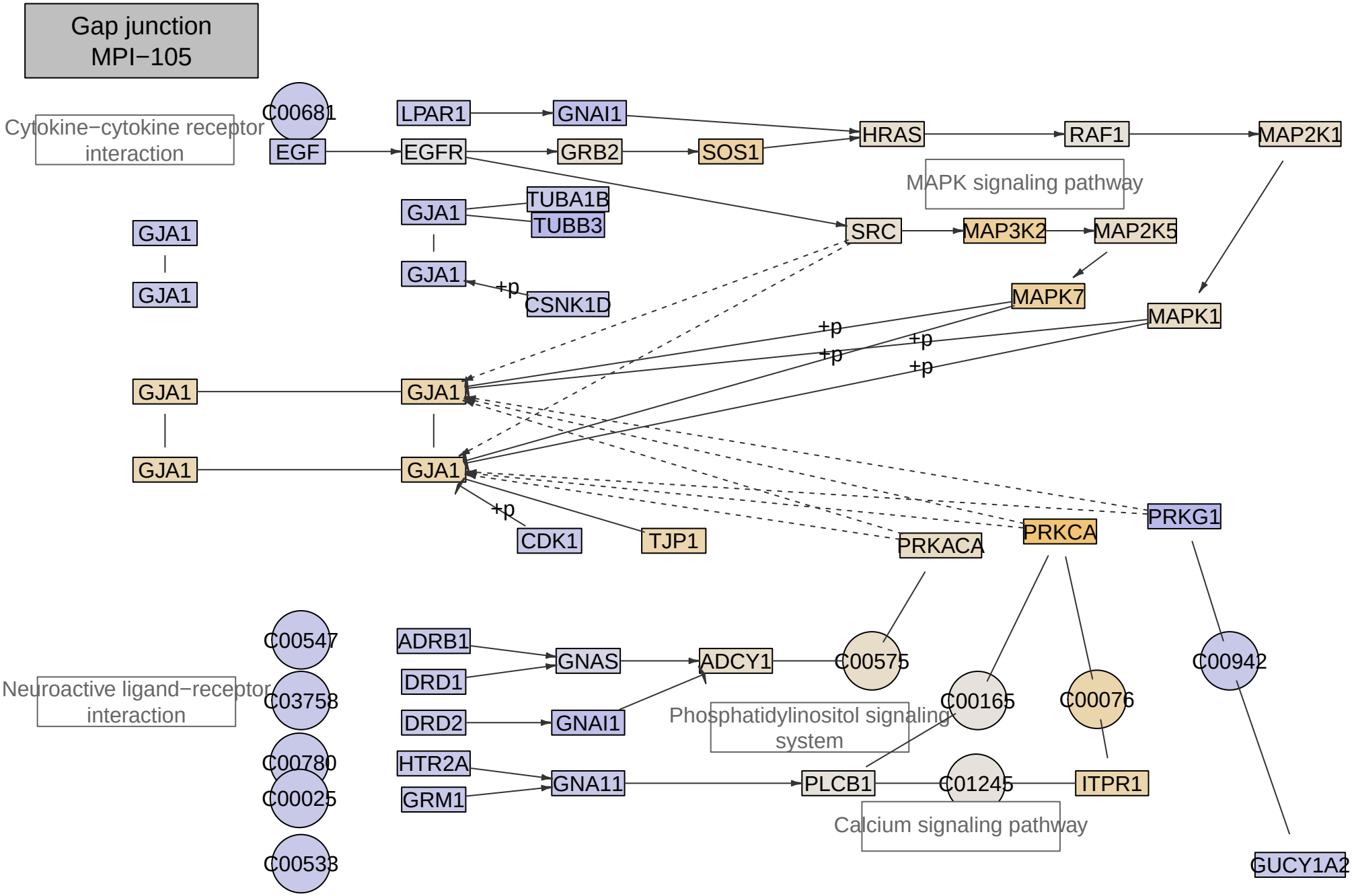

Gap junction
MPI−088
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

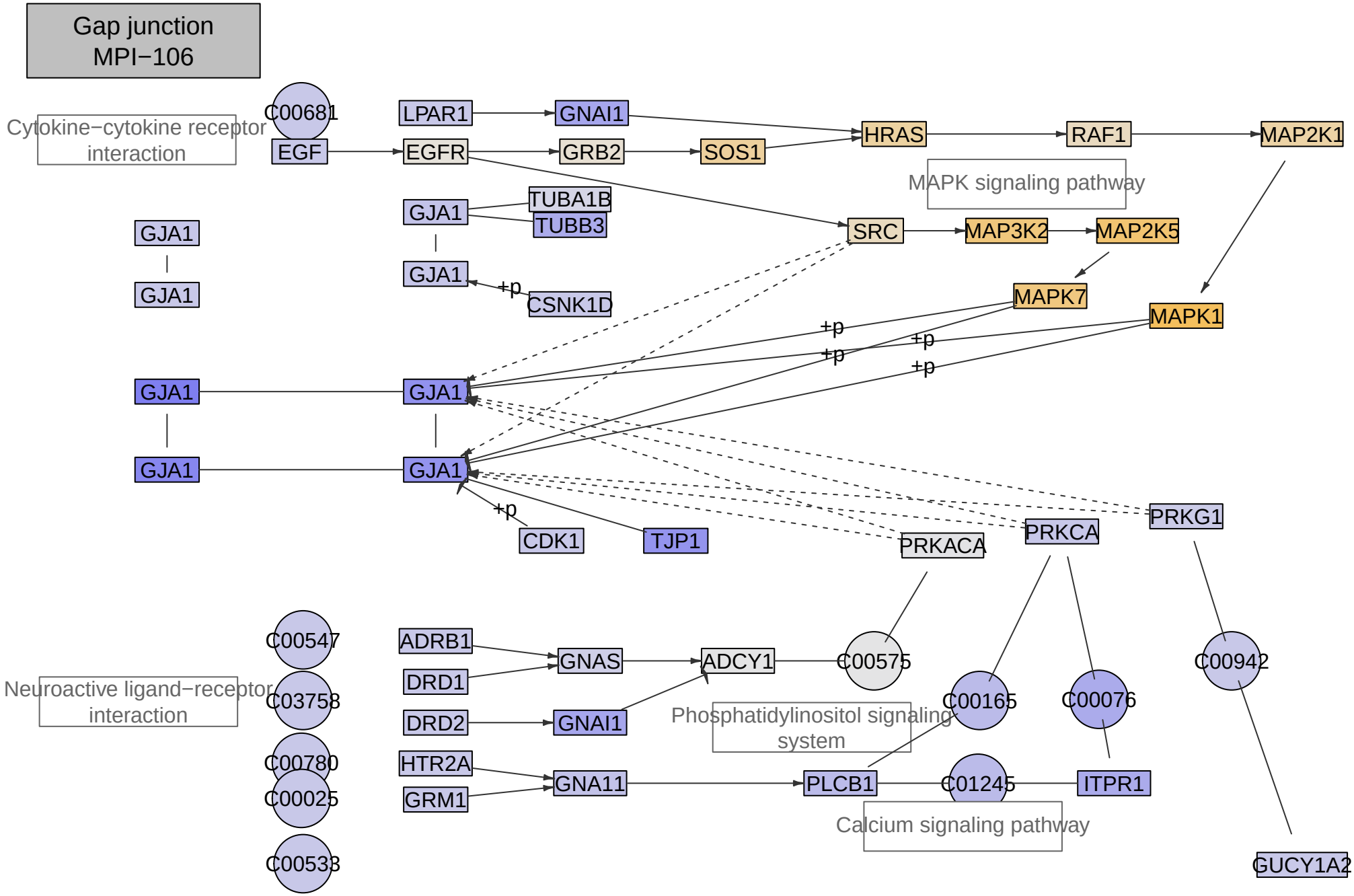

Gap junction
MPI−092
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

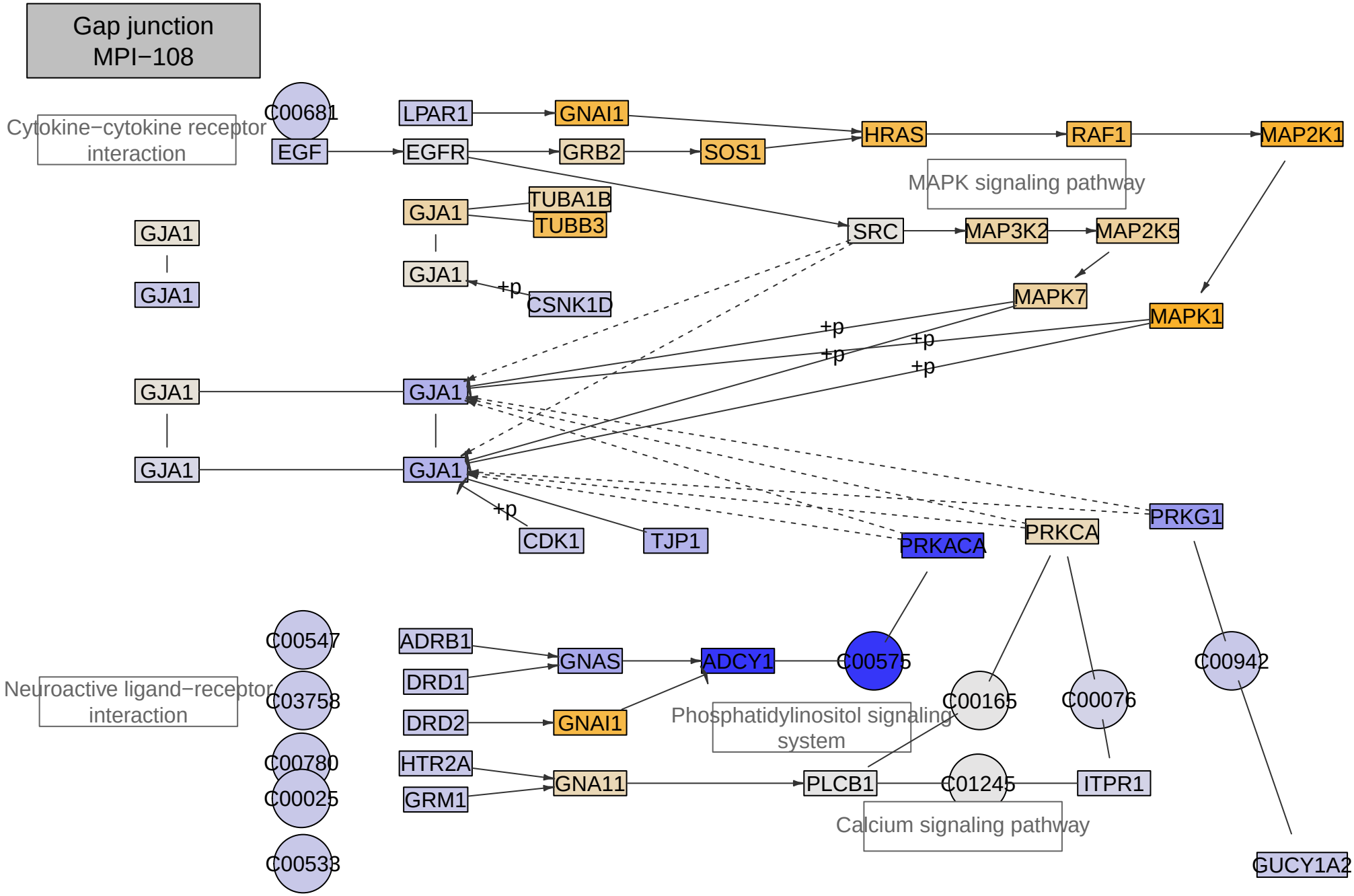

Gap junction
MPI−096
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

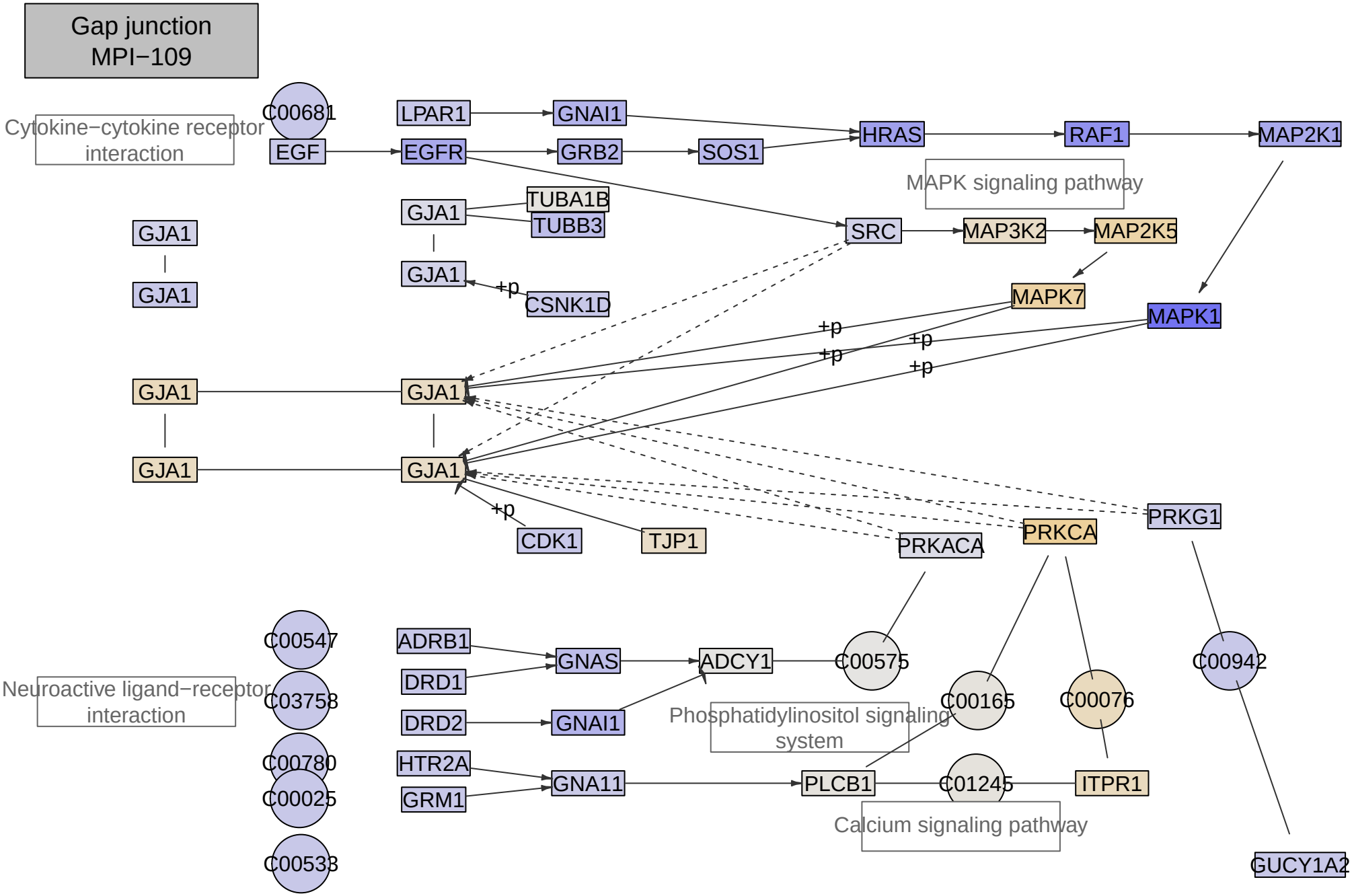

Gap junction
MPI−098
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

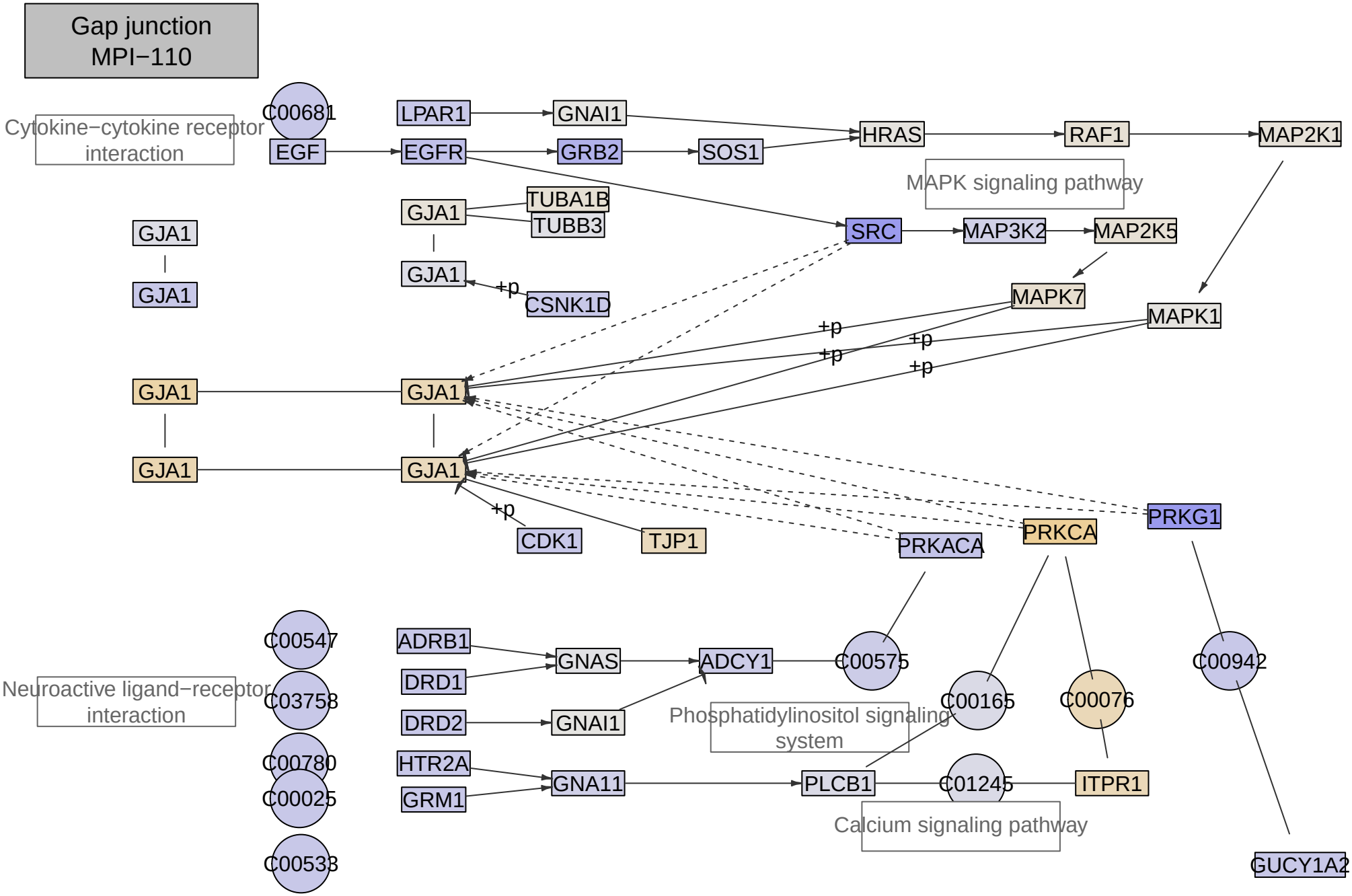

Gap junction
MPI−100
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

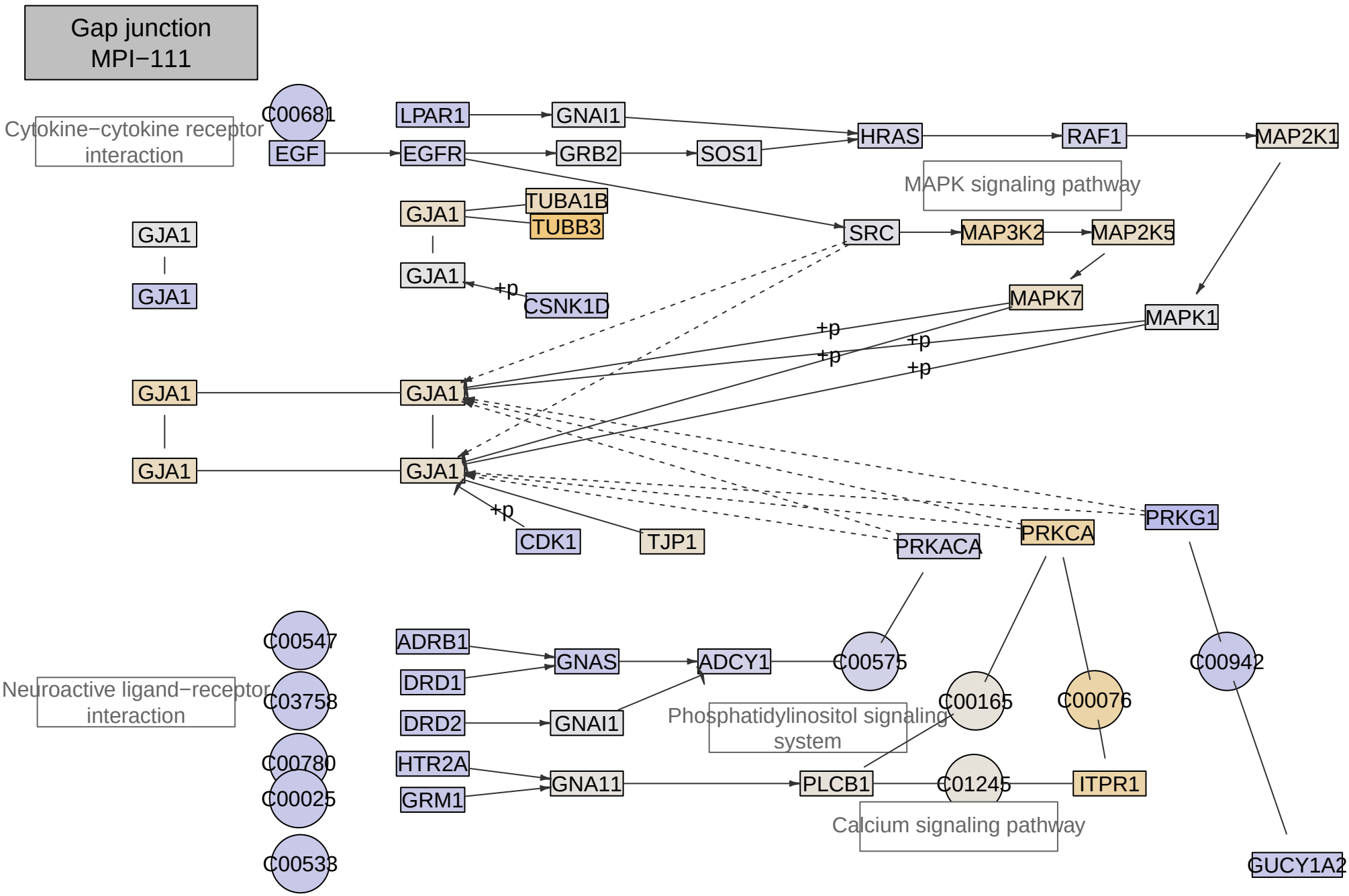

Gap junction
MPI−105
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

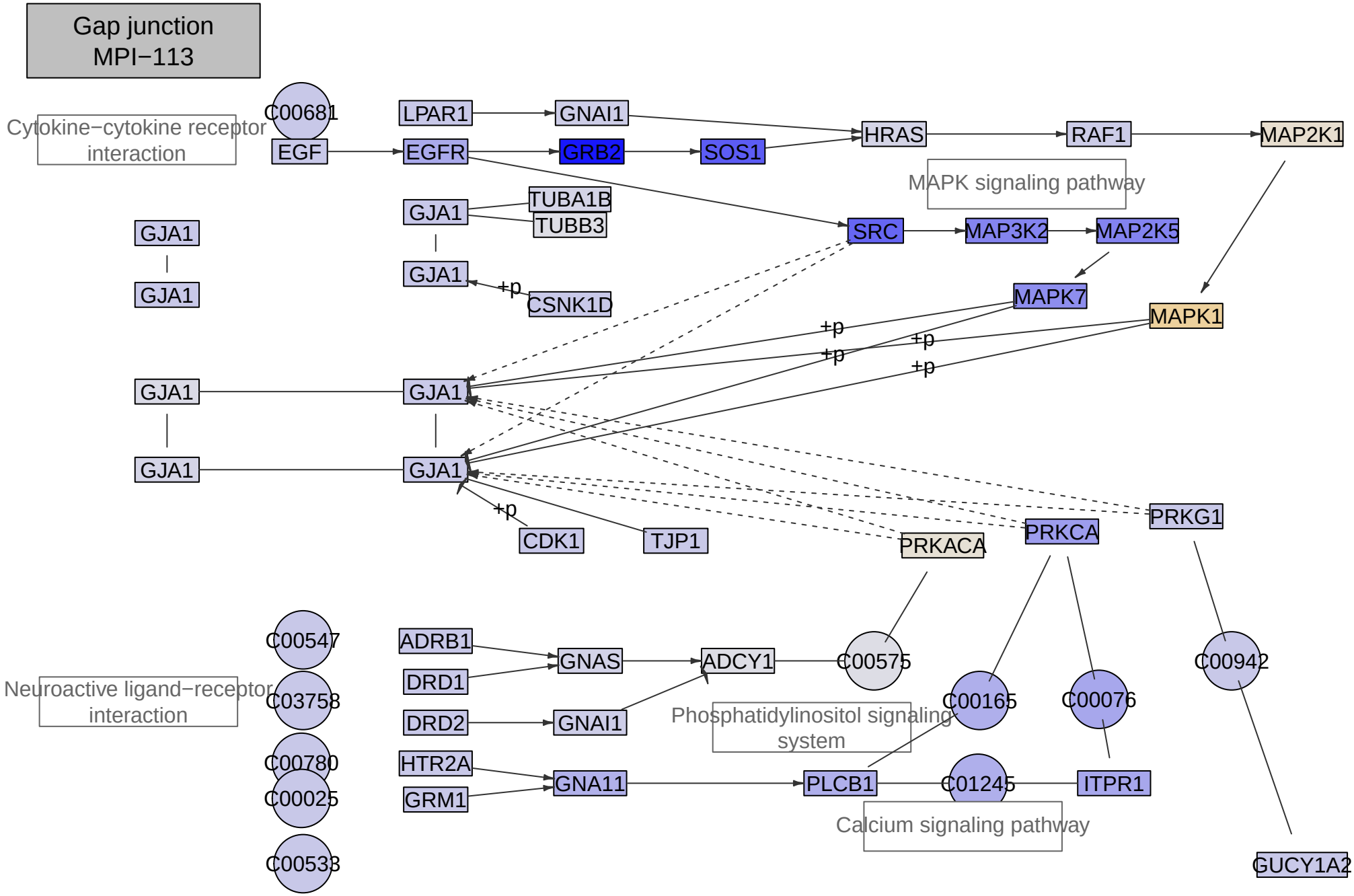

Gap junction
MPI−106
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

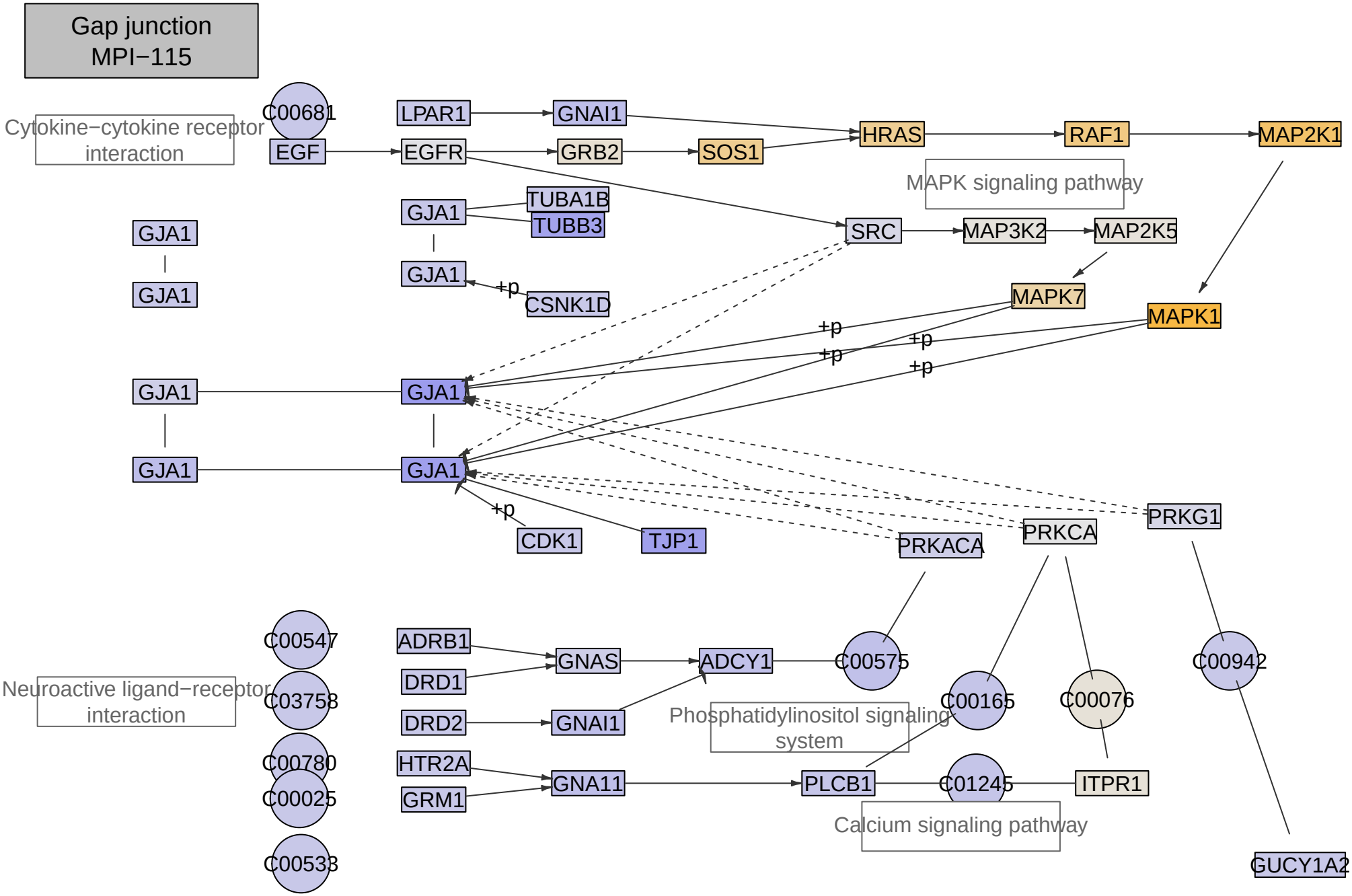

Gap junction
MPI−108
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

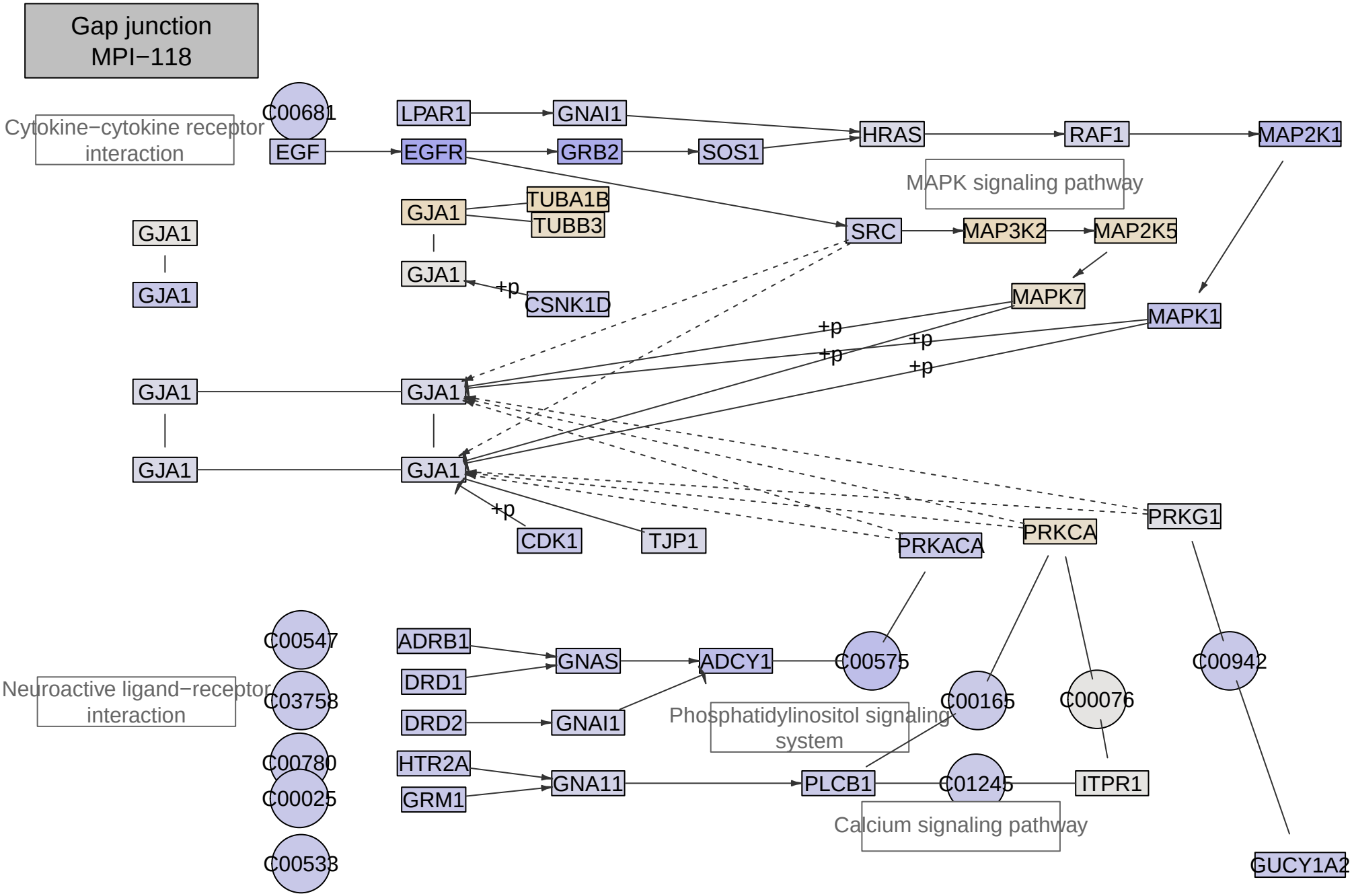

Gap junction
MPI−109
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

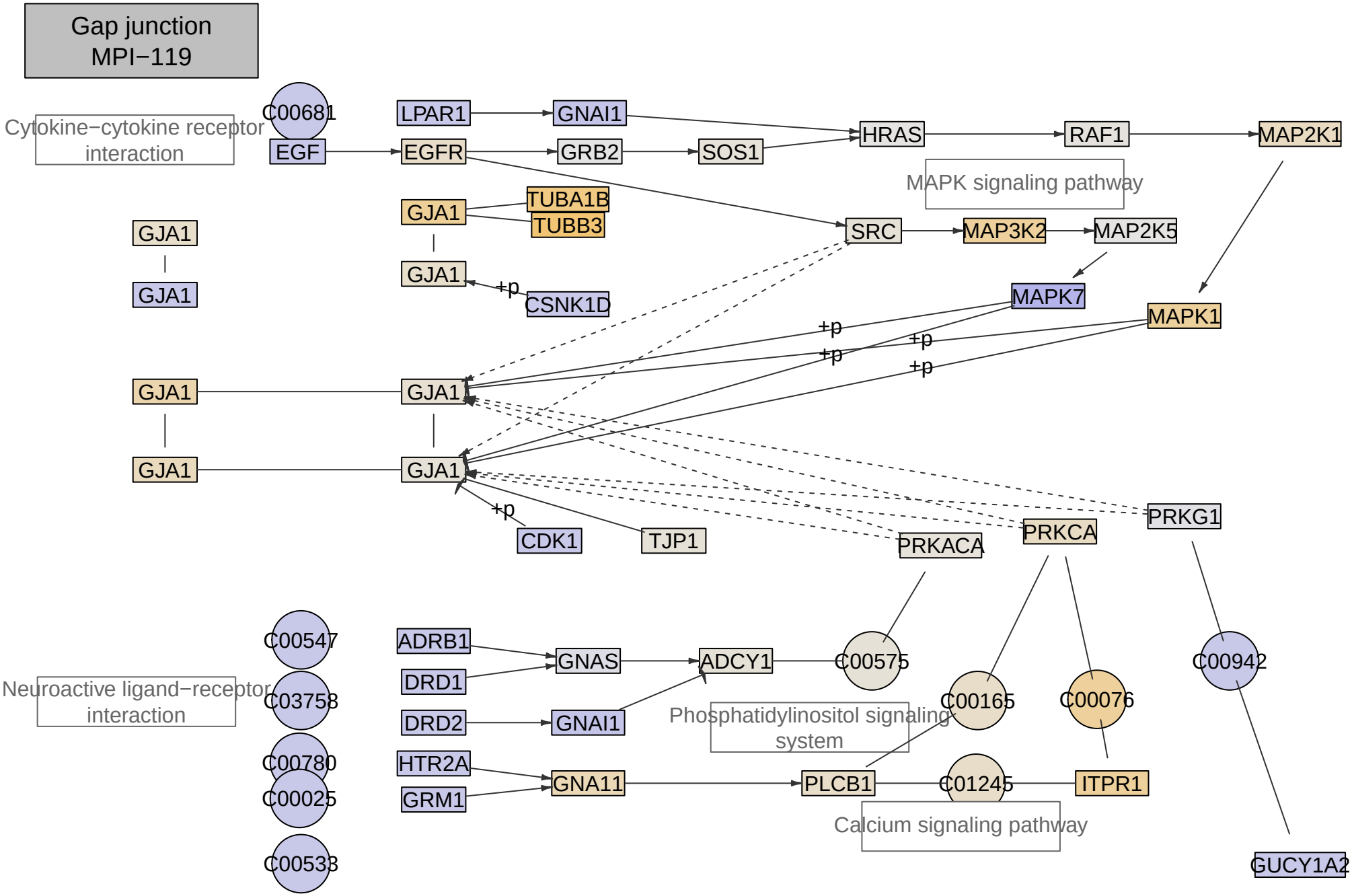

Gap junction
MPI−110
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

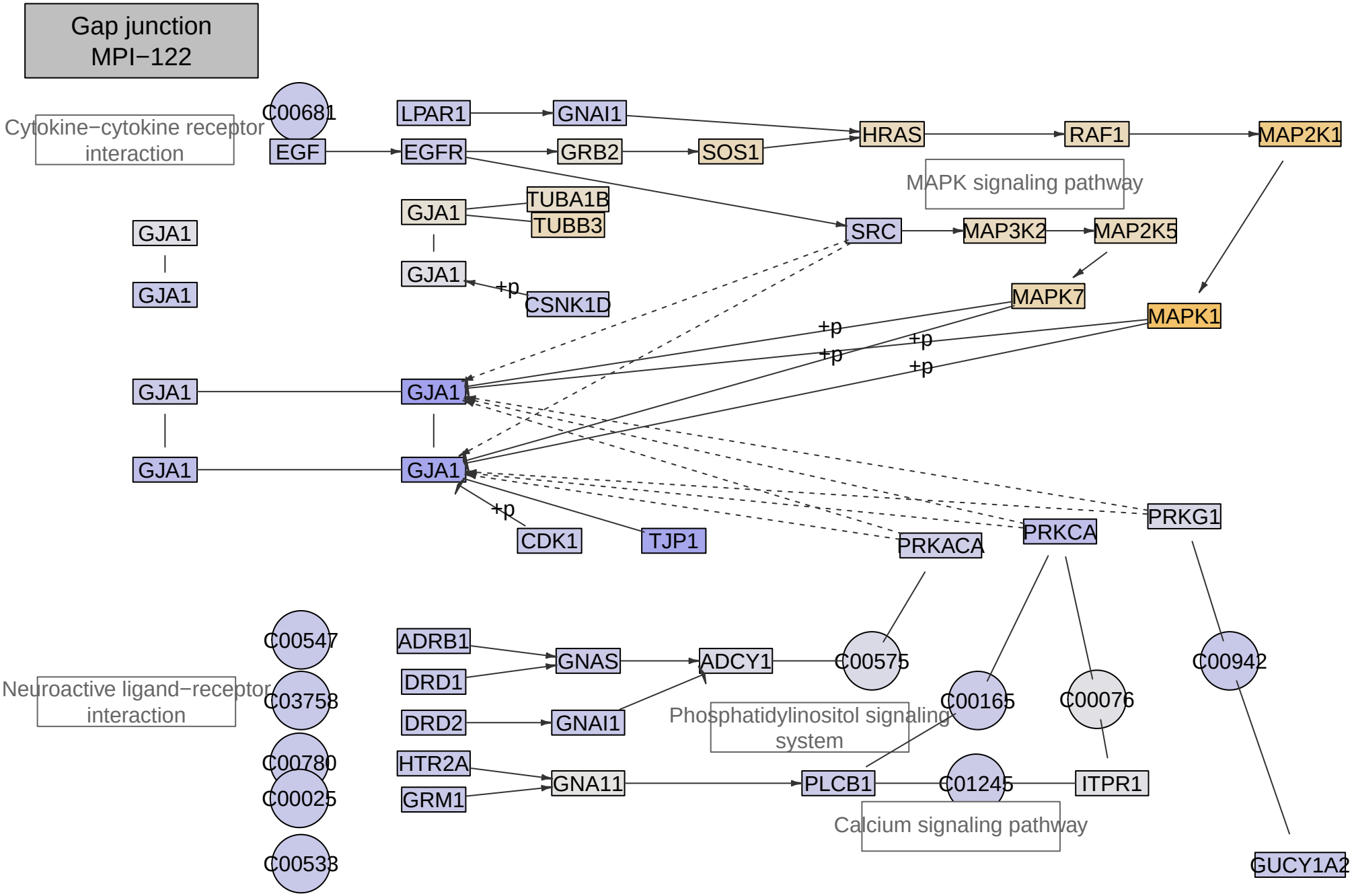

Gap junction
MPI−111
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

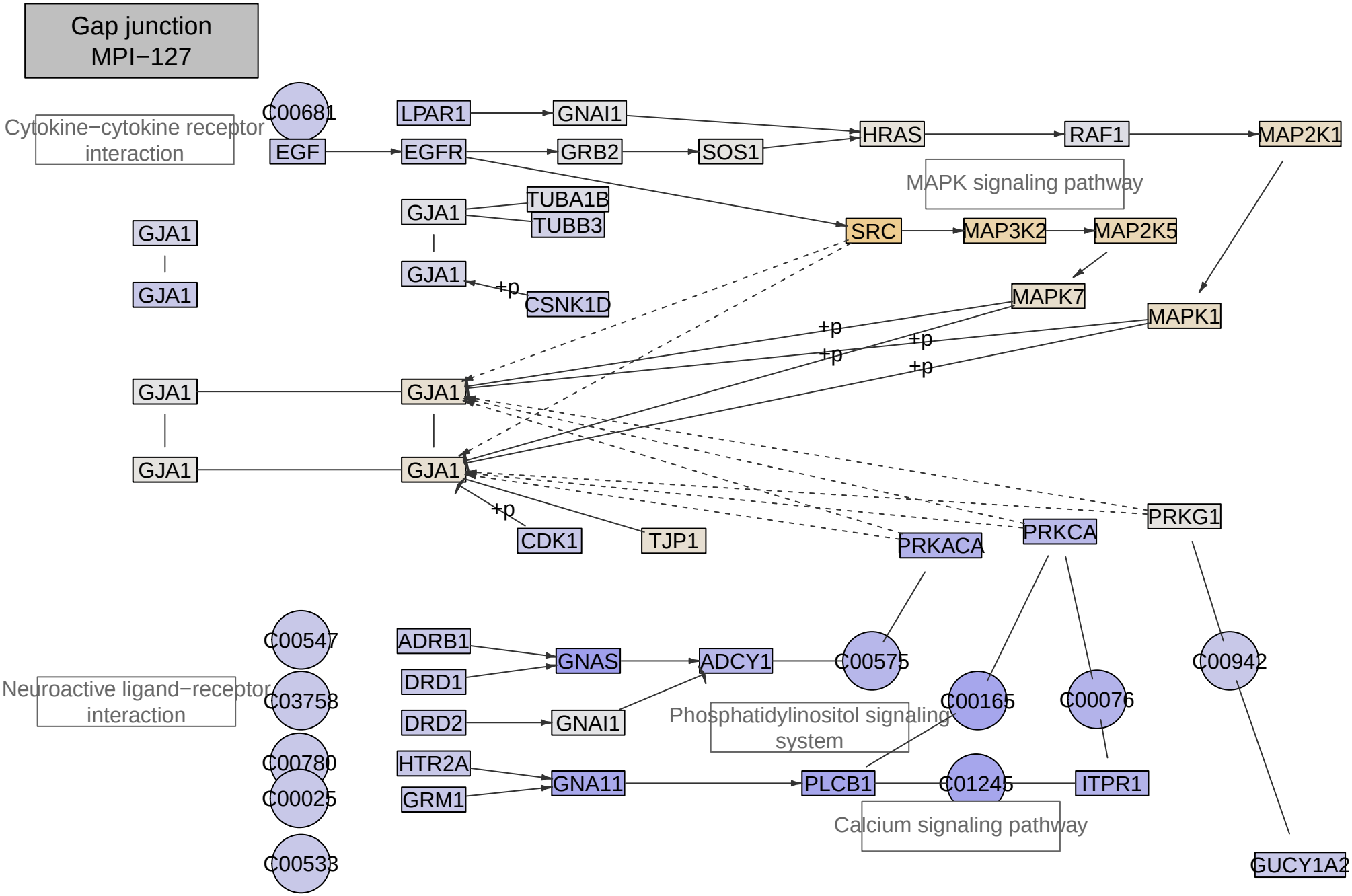

Gap junction
MPI−113
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

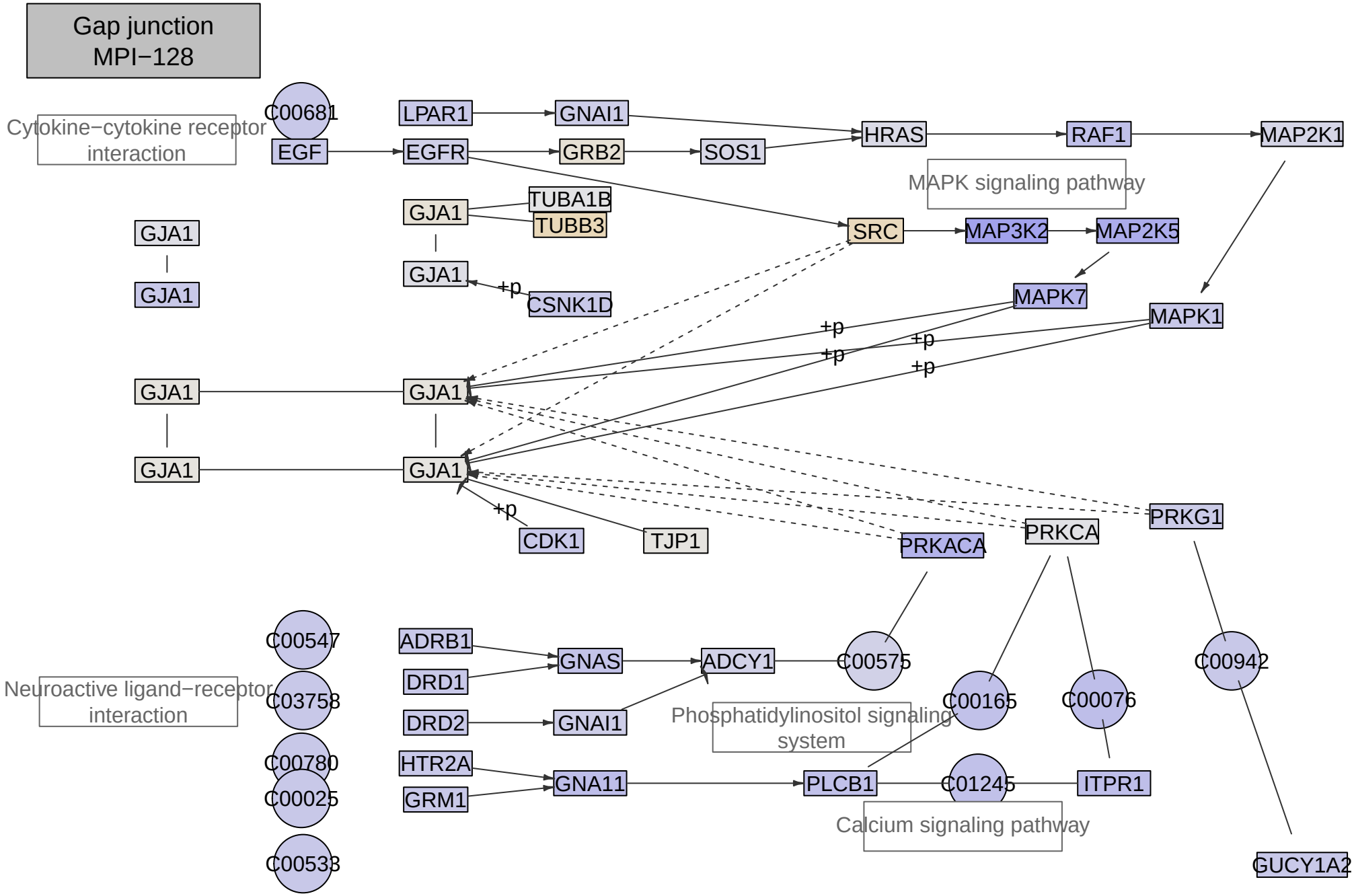

Gap junction
MPI−115
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

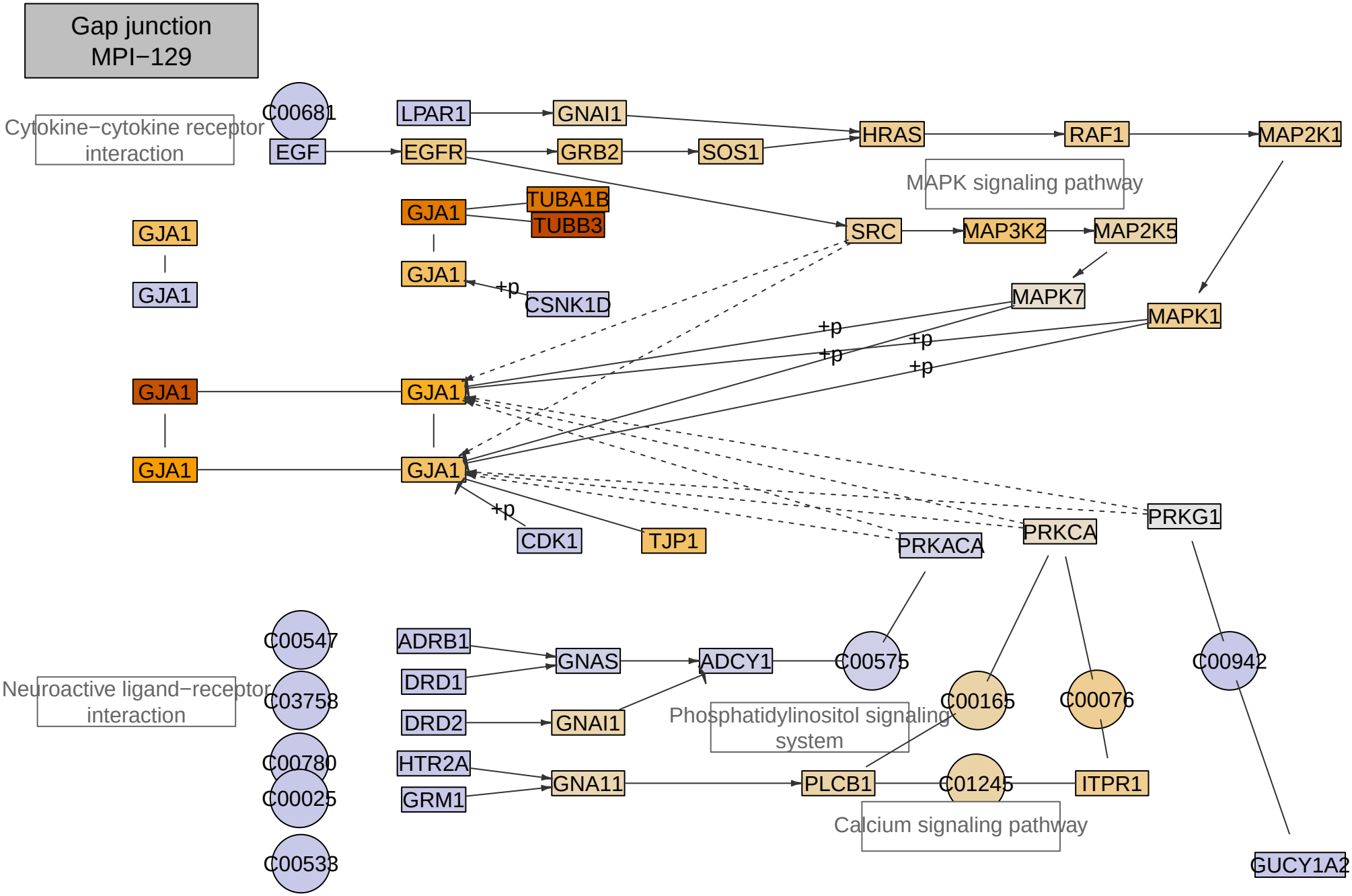

Gap junction
MPI−118
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

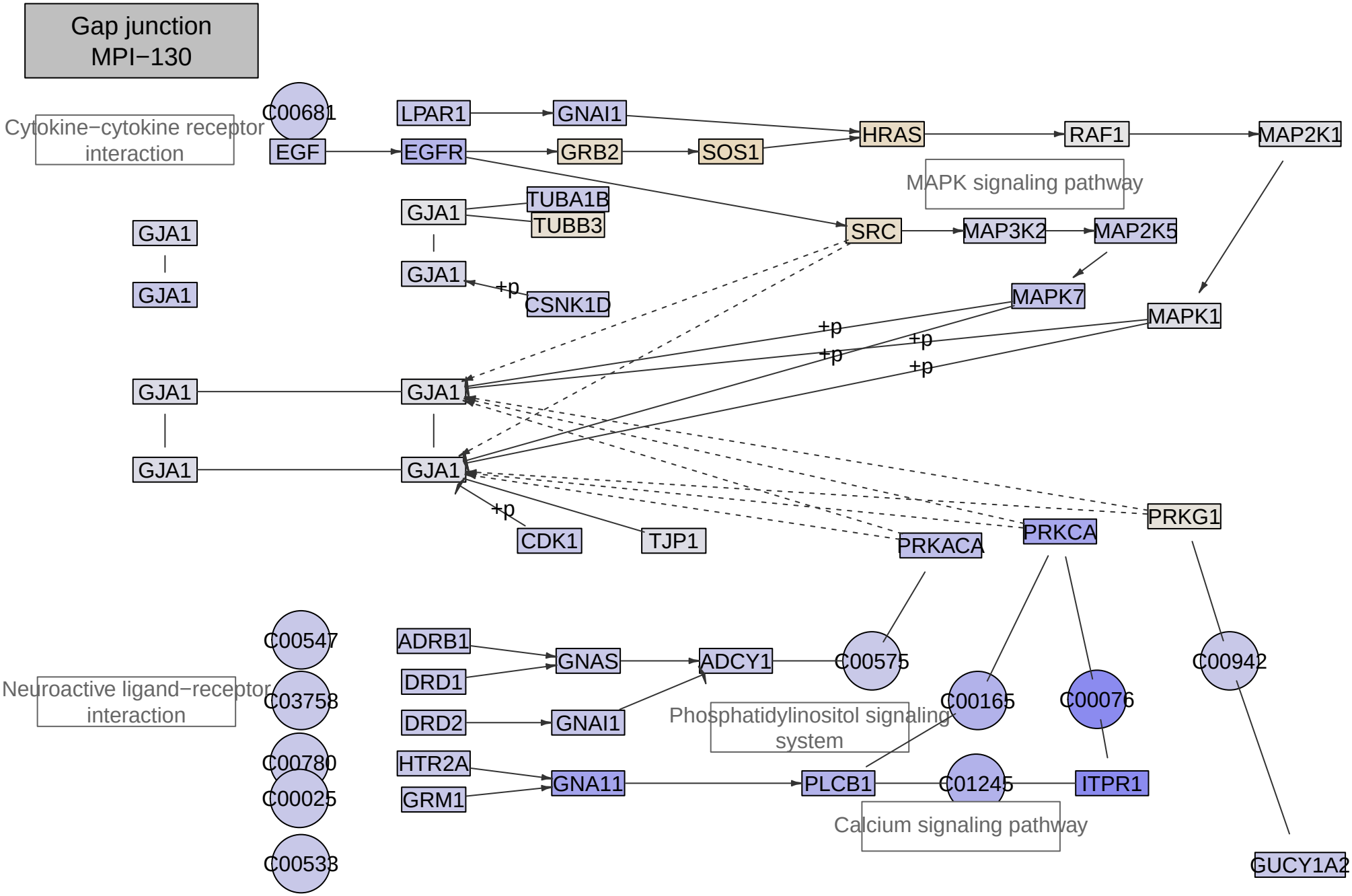

Gap junction
MPI−119
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

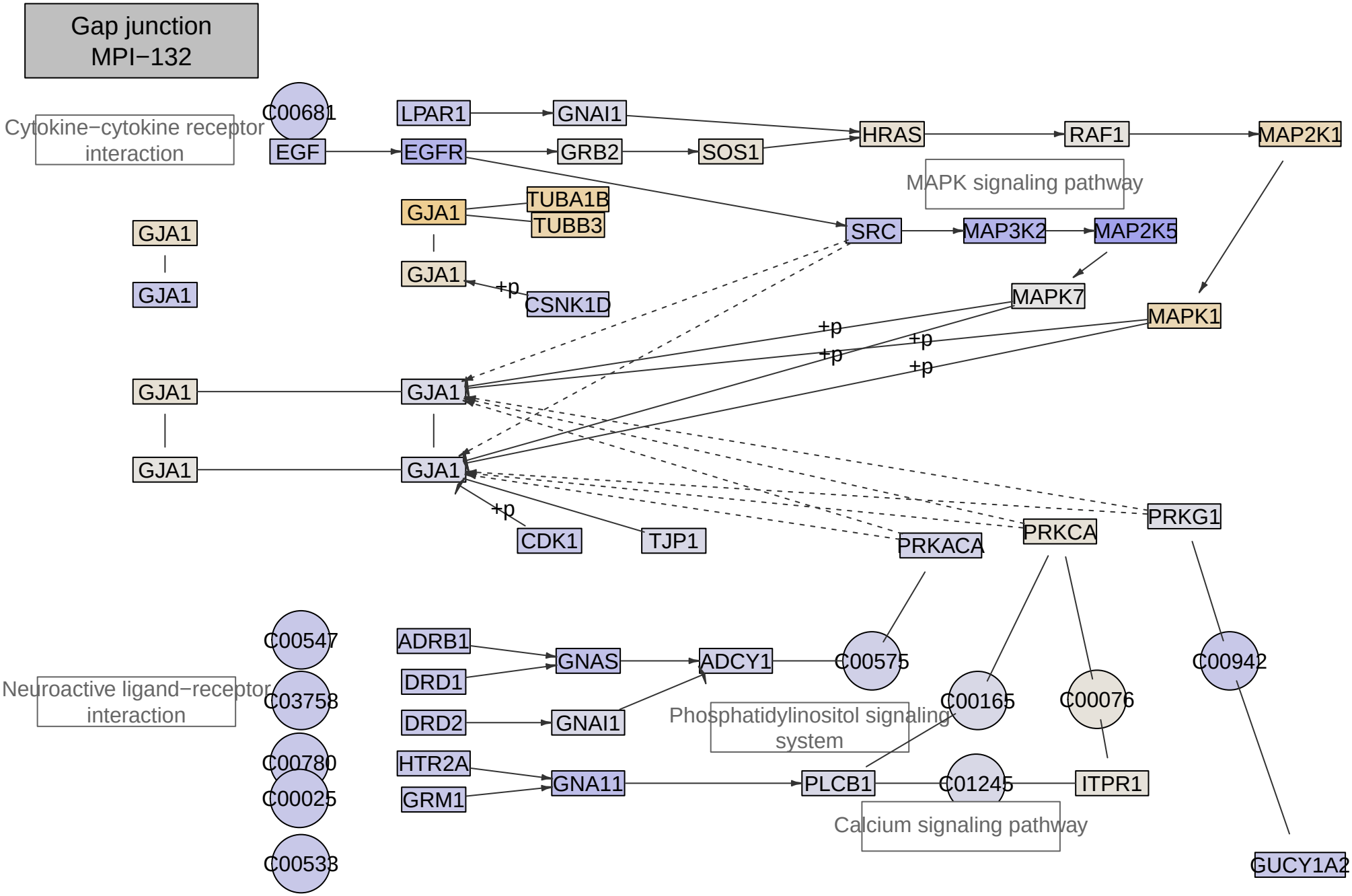

Gap junction
MPI−122
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

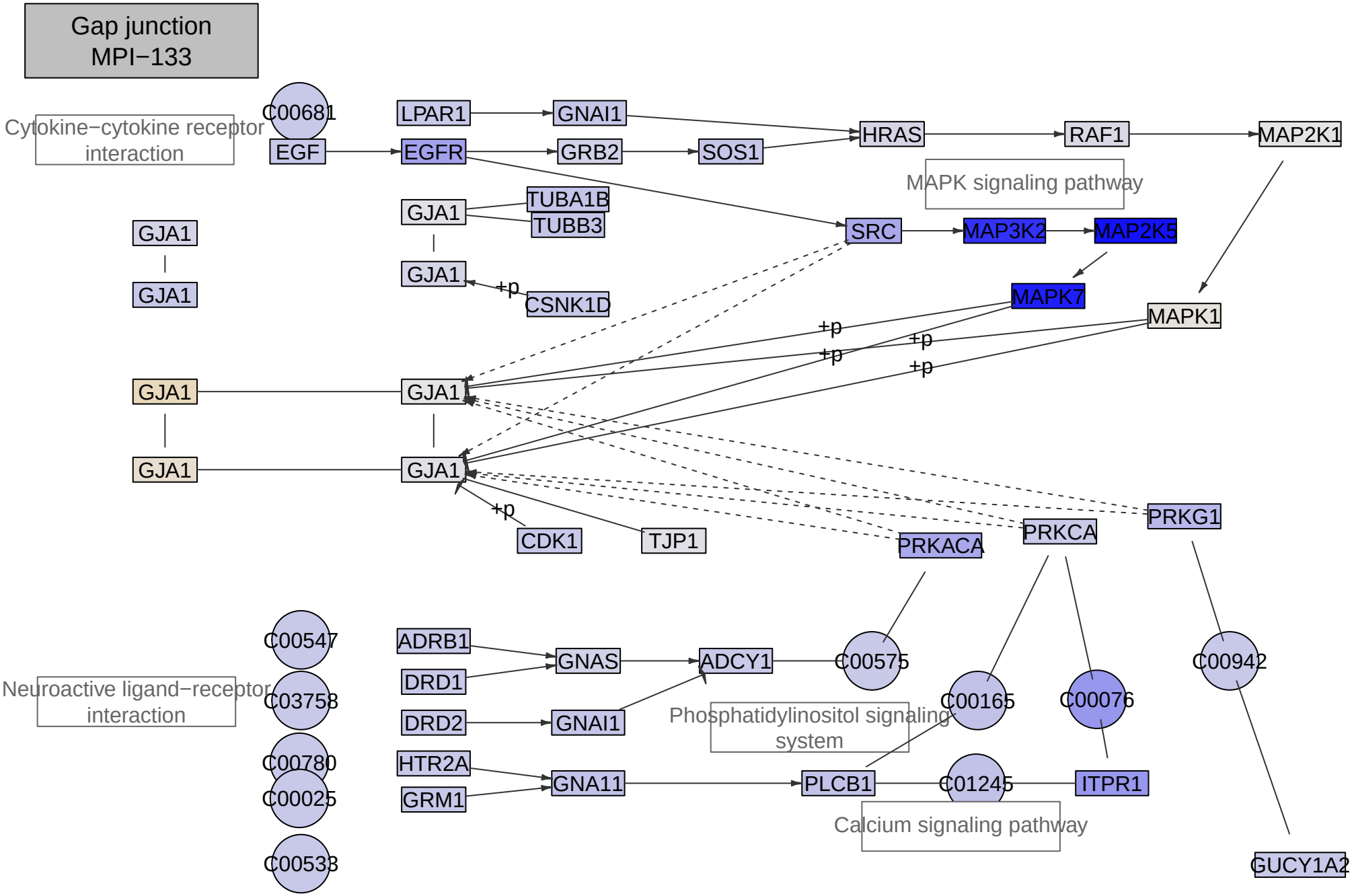

Gap junction
MPI−127
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKACA
PRKCA
CDK1
TJP1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

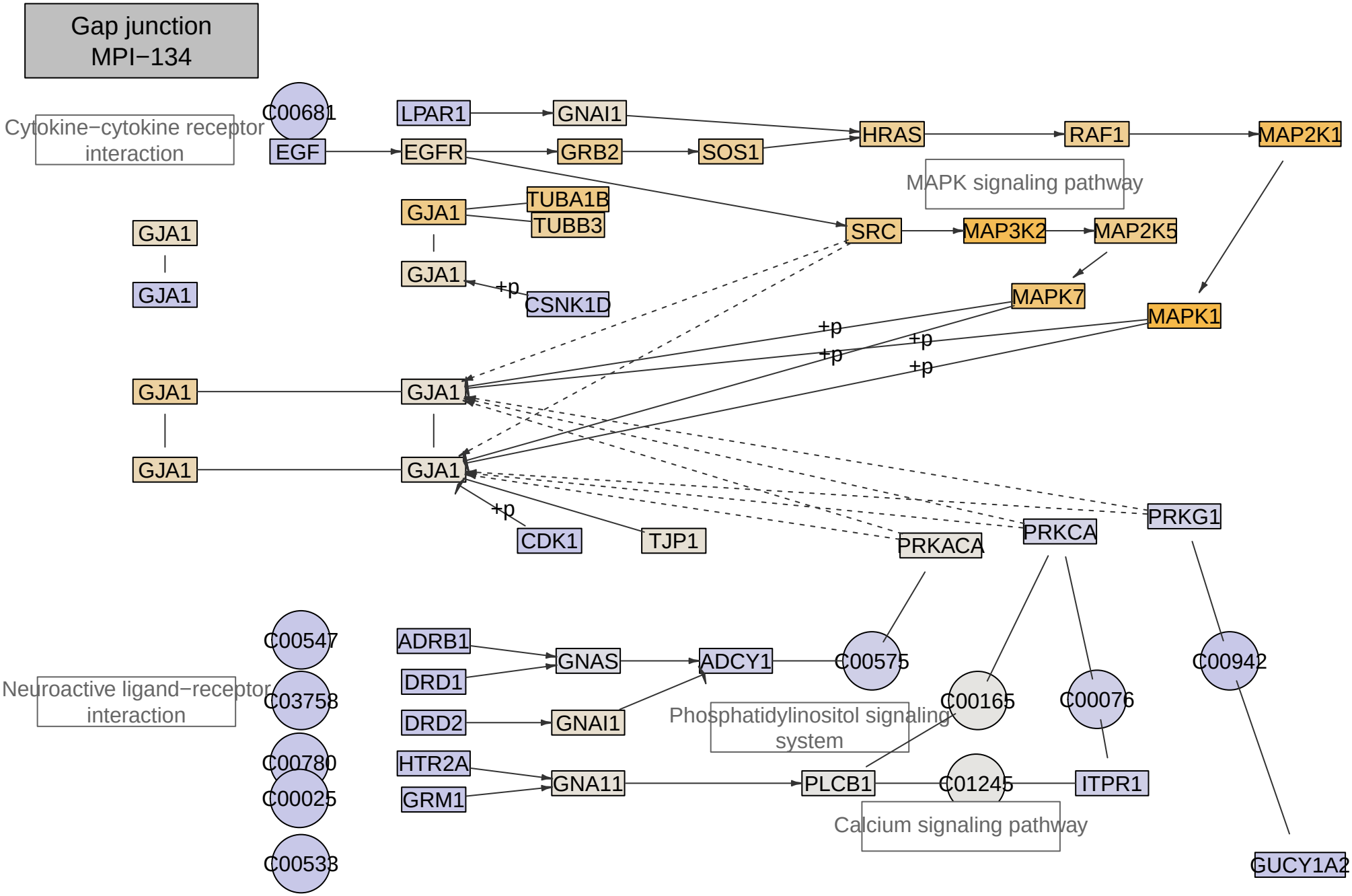

Gap junction
MPI−128
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

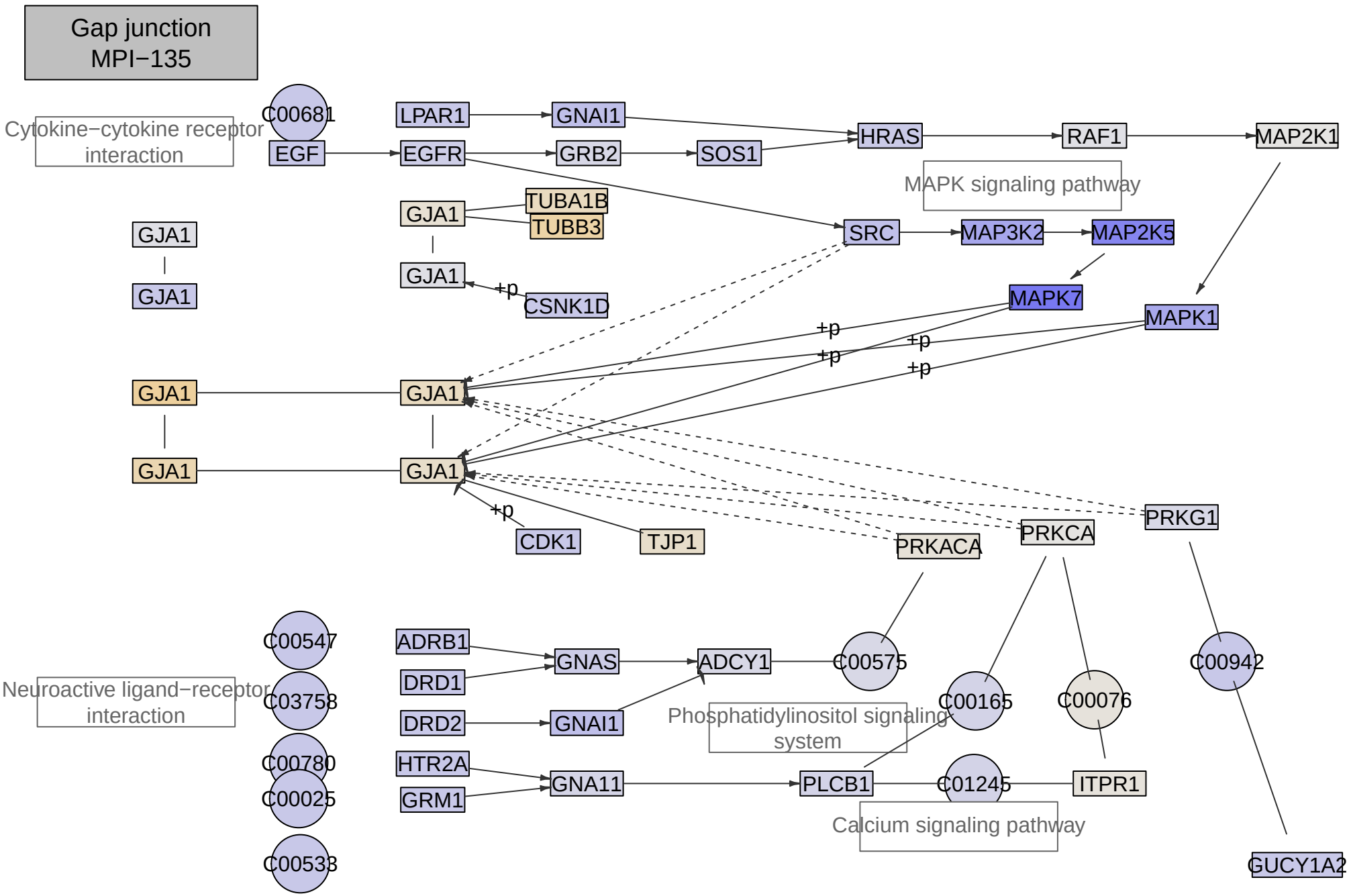

Gap junction
MPI−129
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

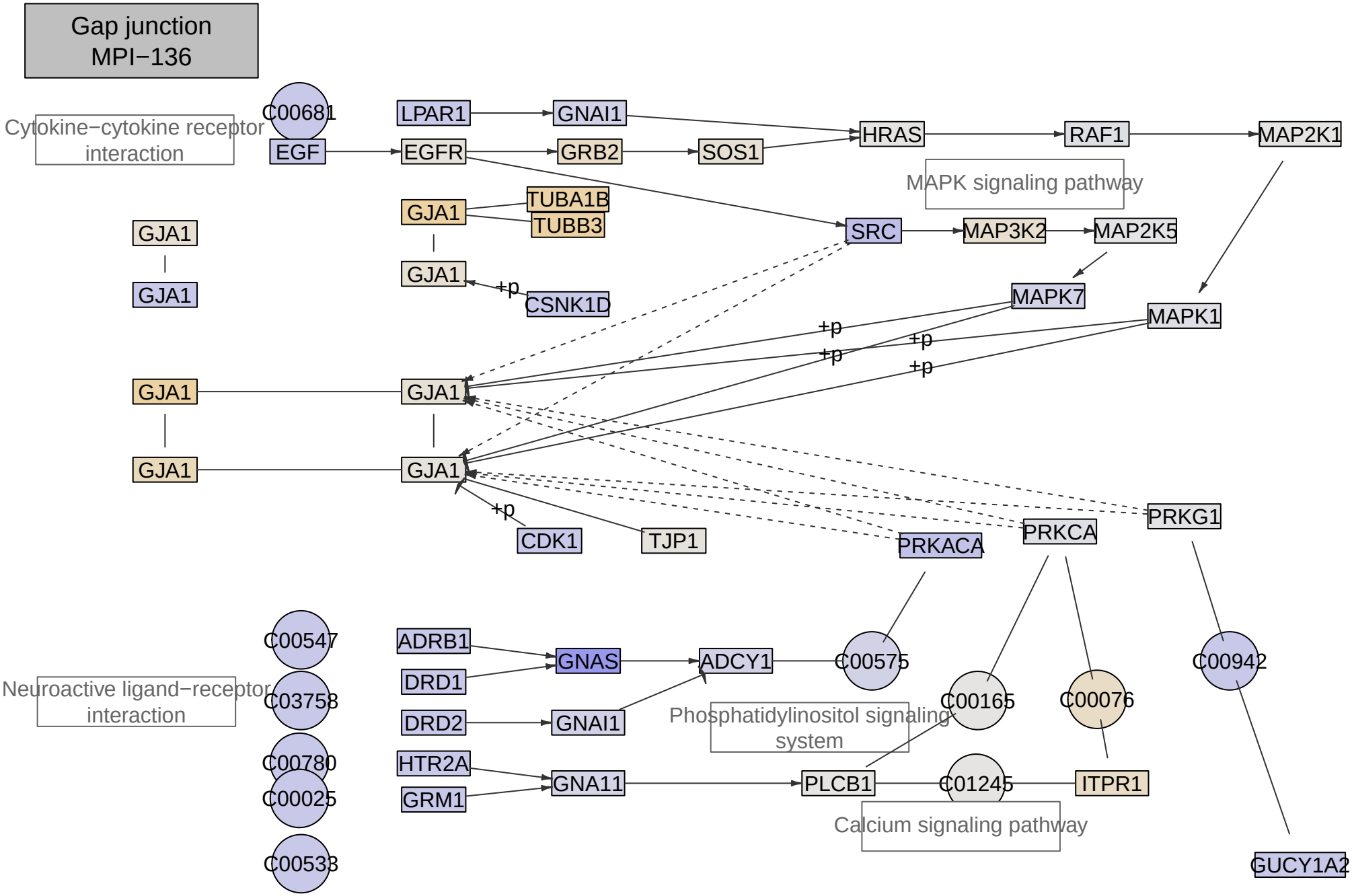

Gap junction
MPI−130
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

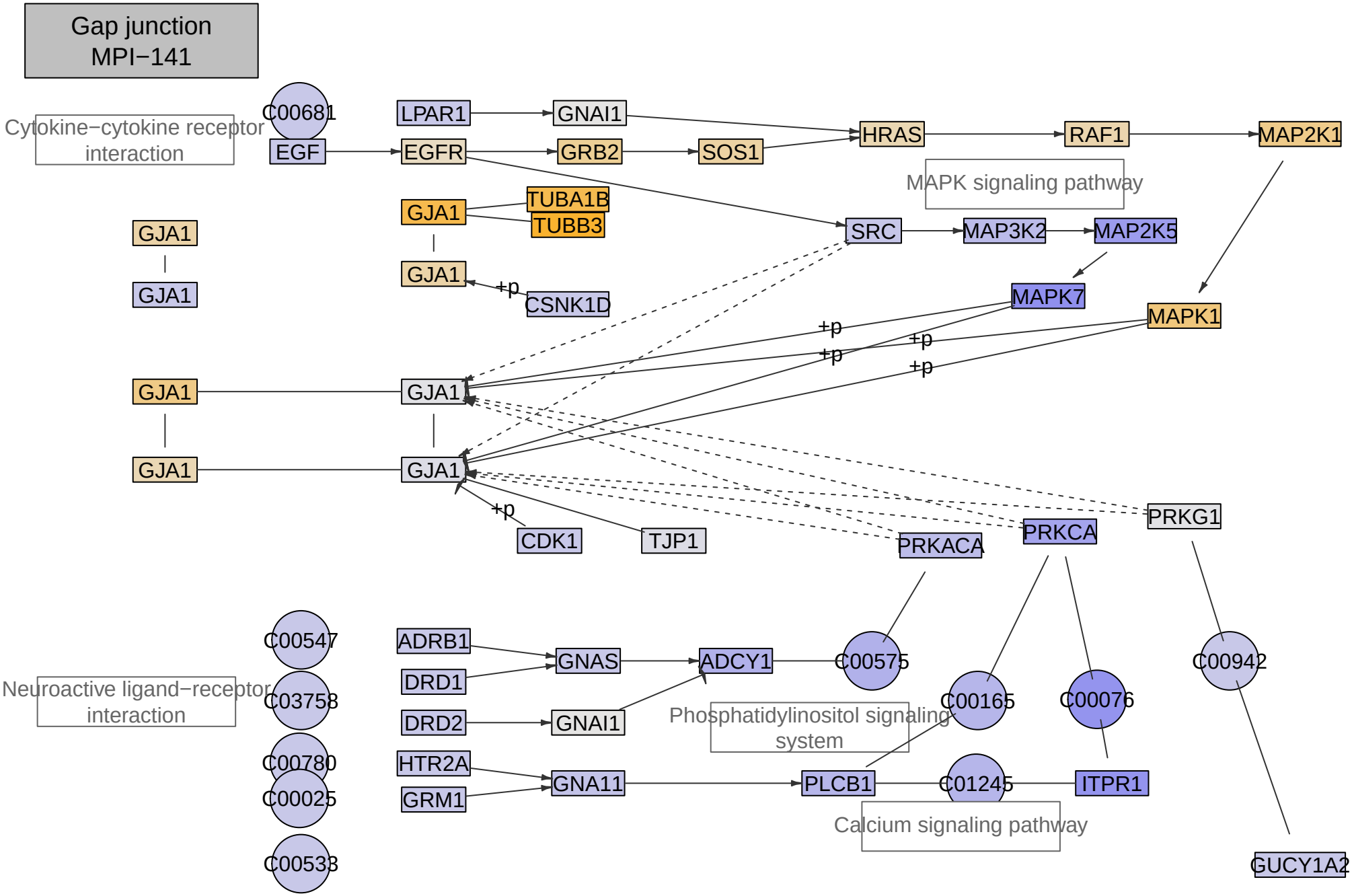

Gap junction
MPI−132
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

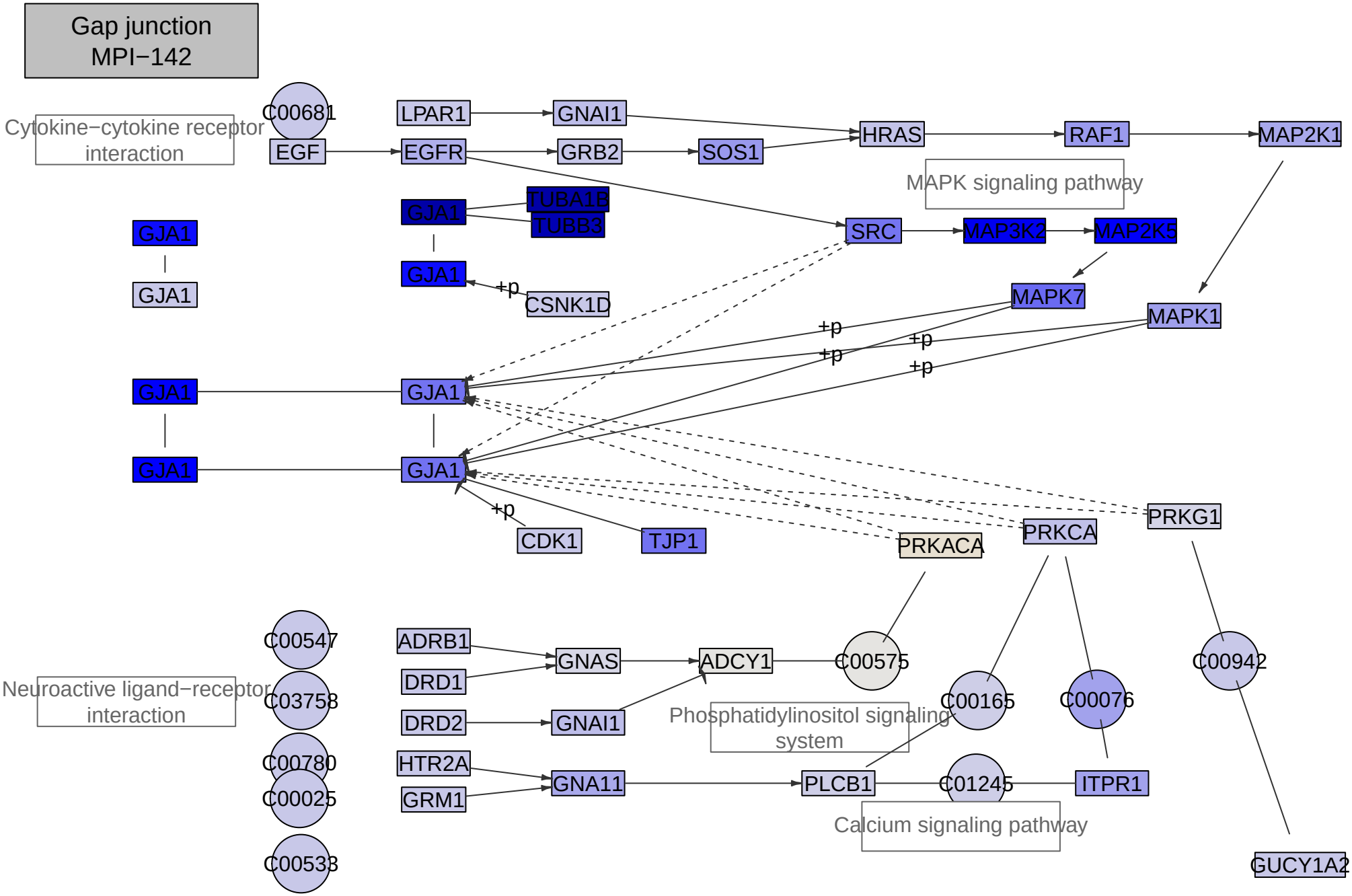

Gap junction
MPI−133
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

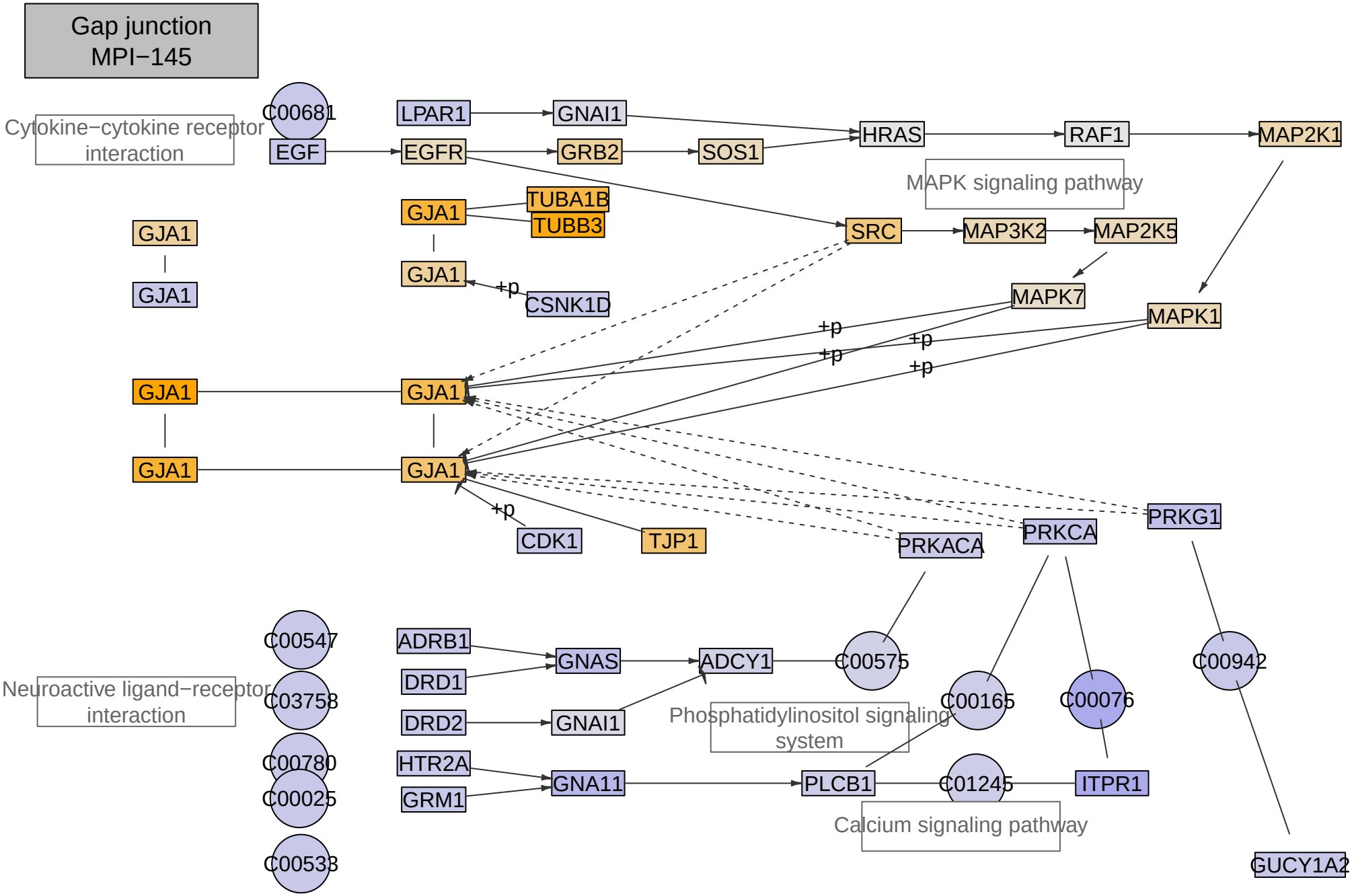

Gap junction
MPI−134
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

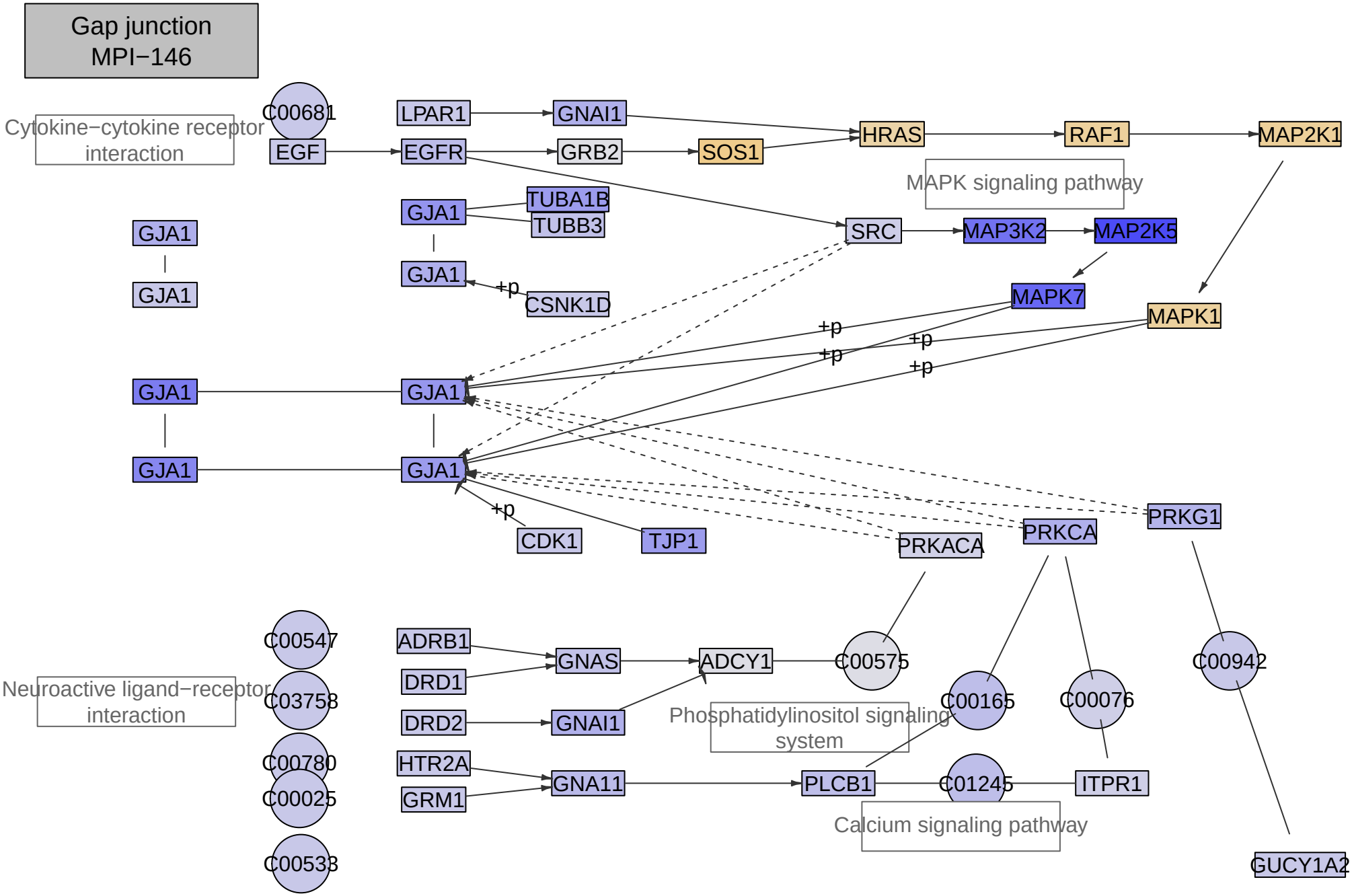

Gap junction
MPI−135
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

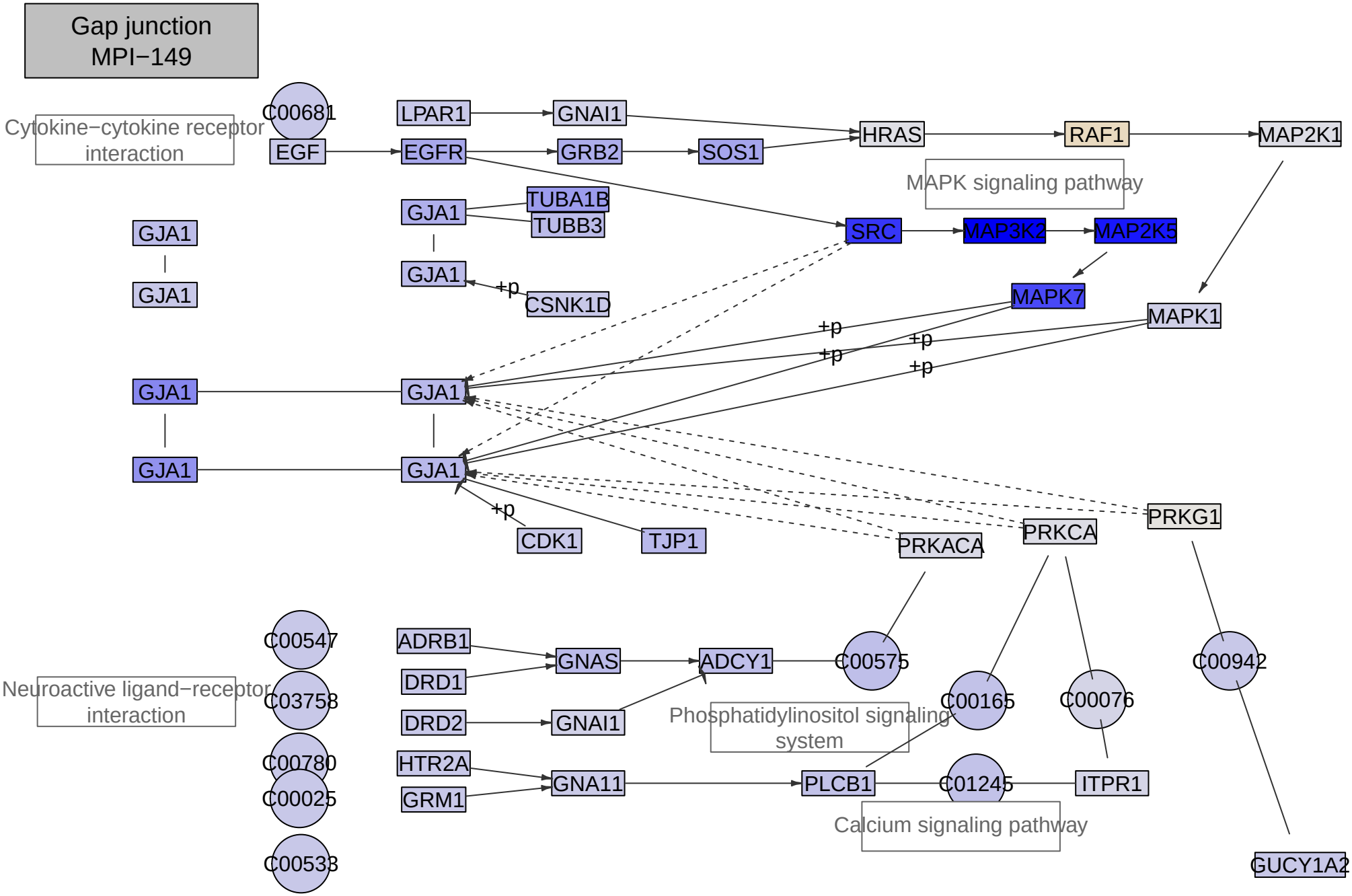

Gap junction
MPI−136
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

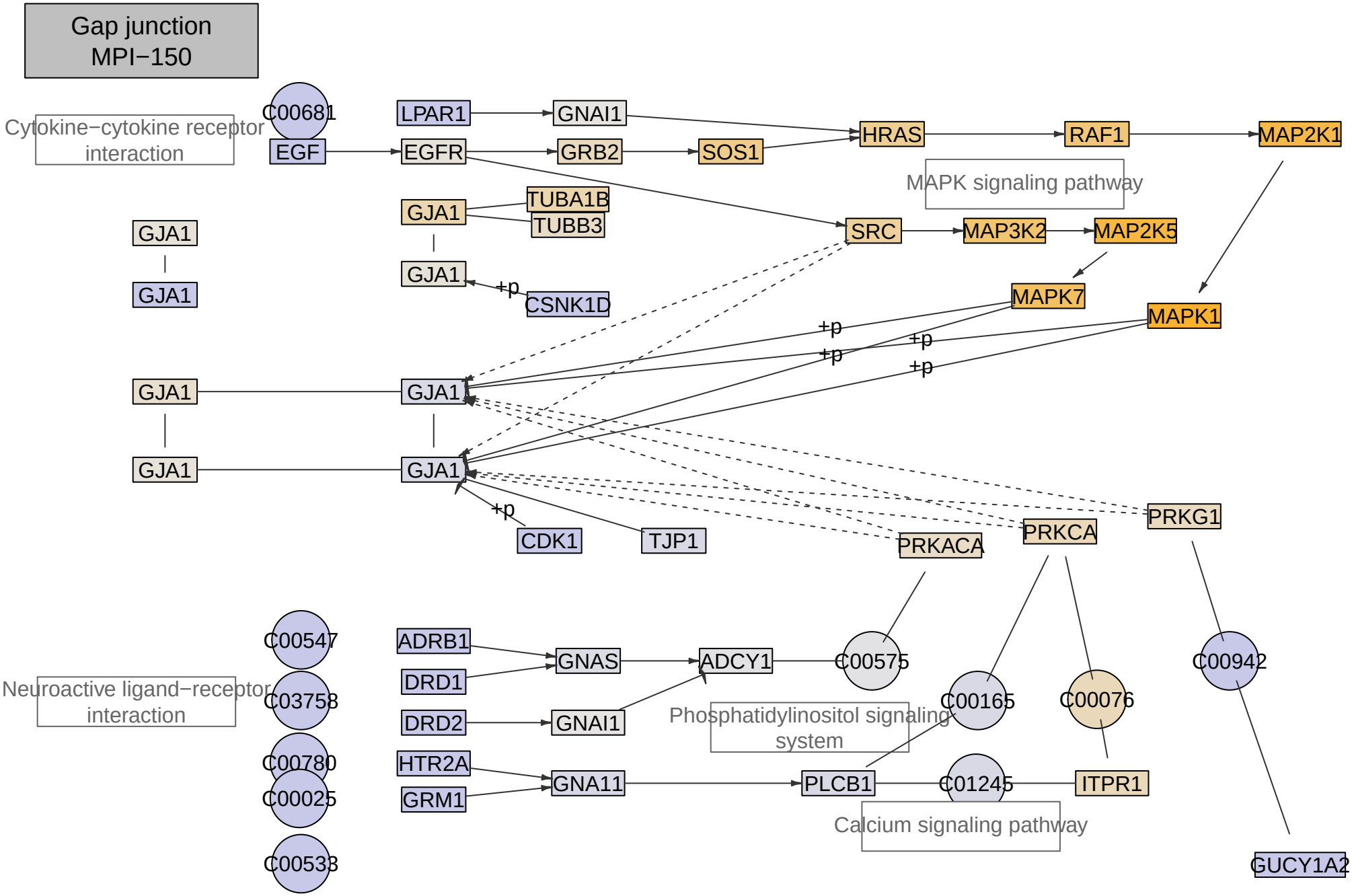

Gap junction
MPI−141
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

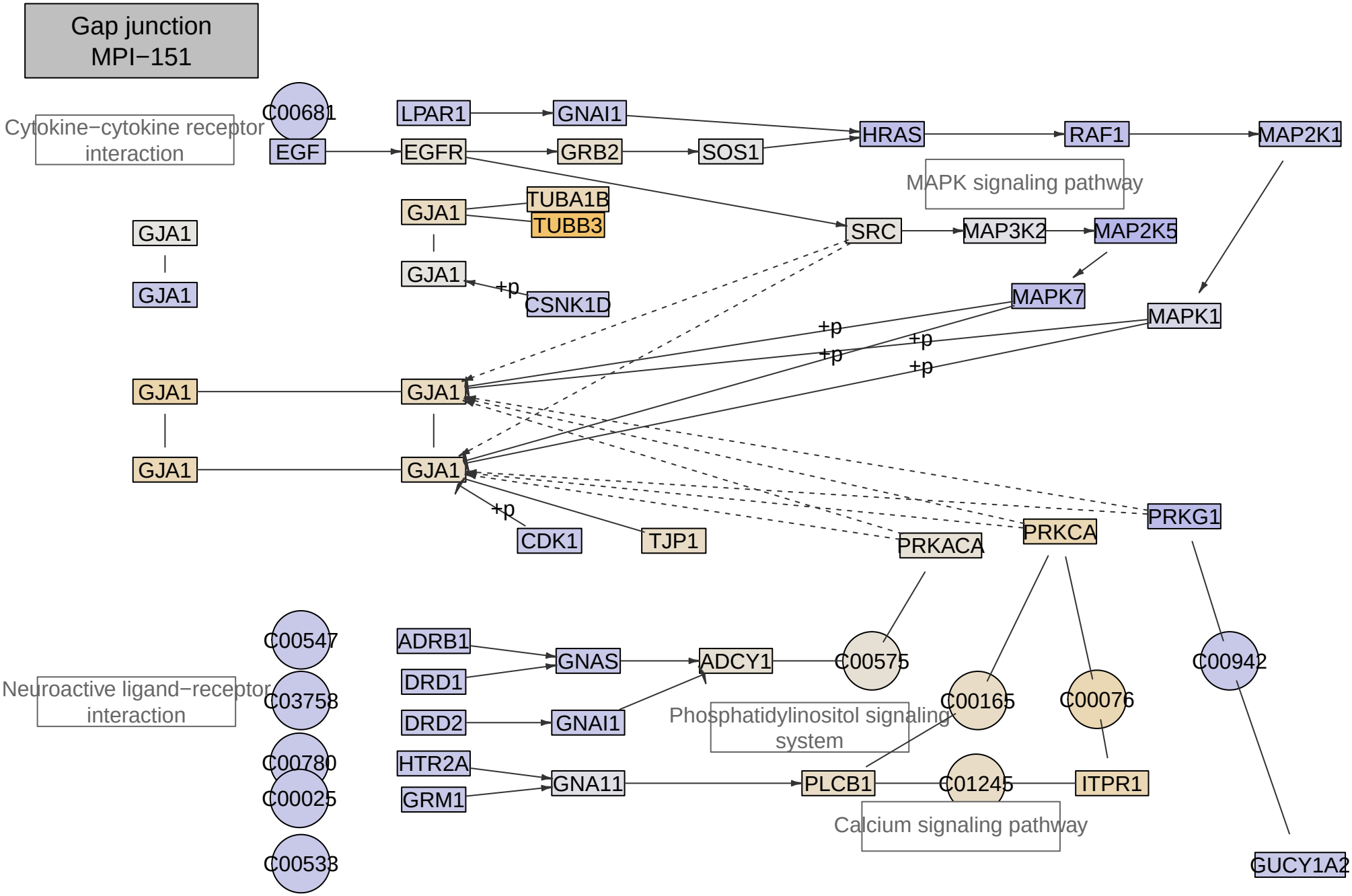

Gap junction
MPI−142
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

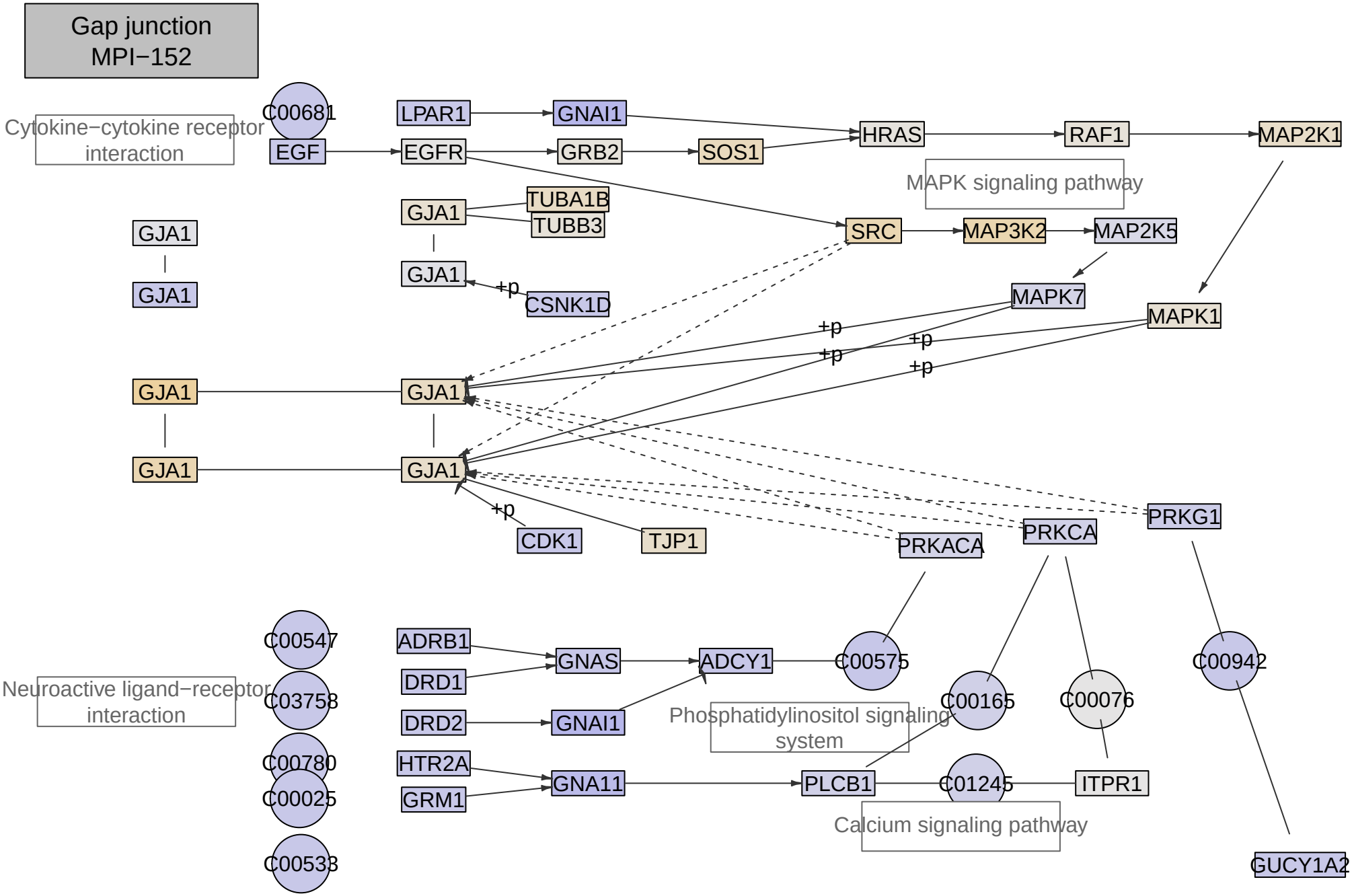

Gap junction
MPI−145
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

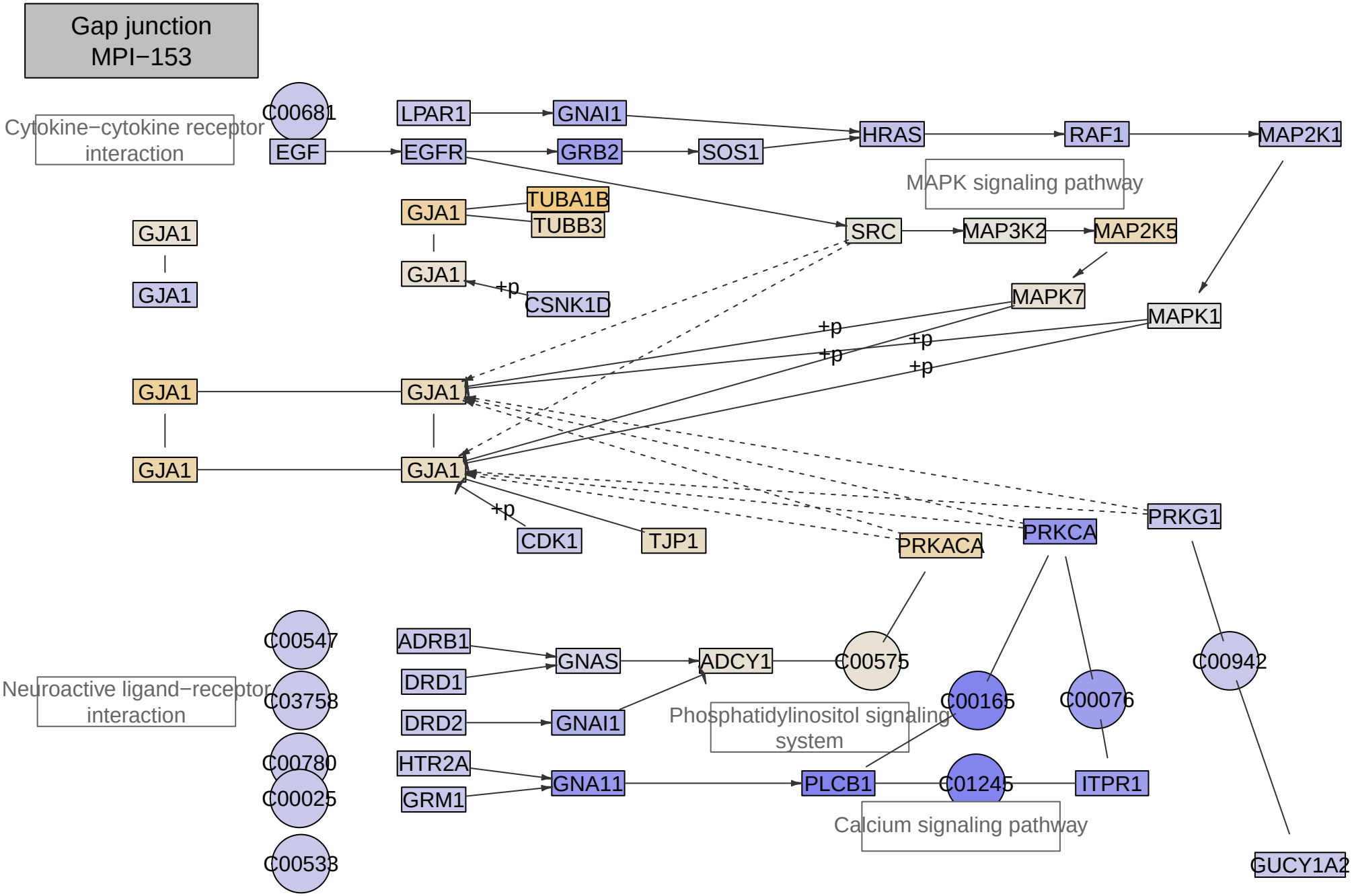

Gap junction
MPI−146
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

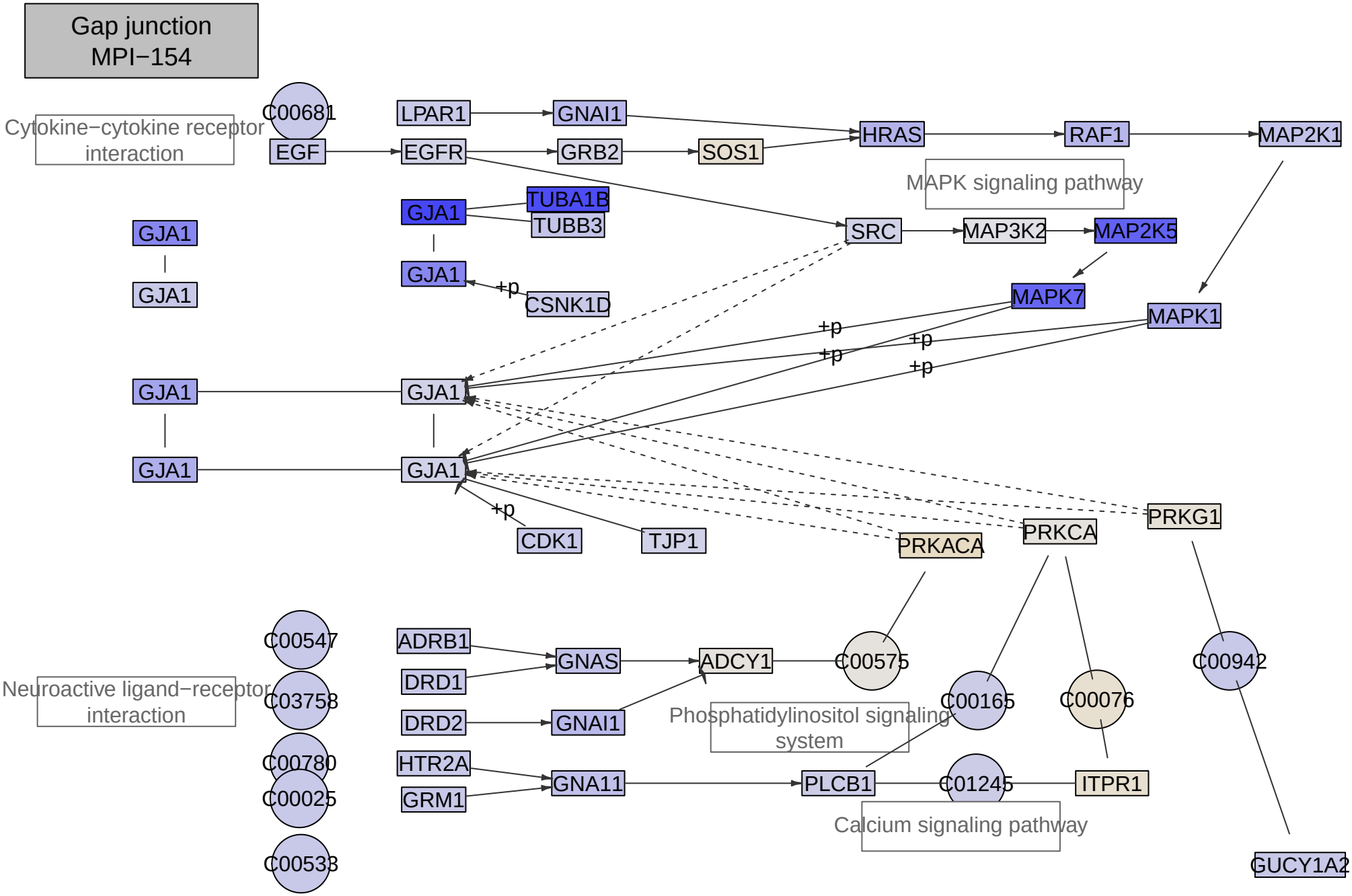

Gap junction
MPI−149
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKACA
PRKCA
CDK1
TJP1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

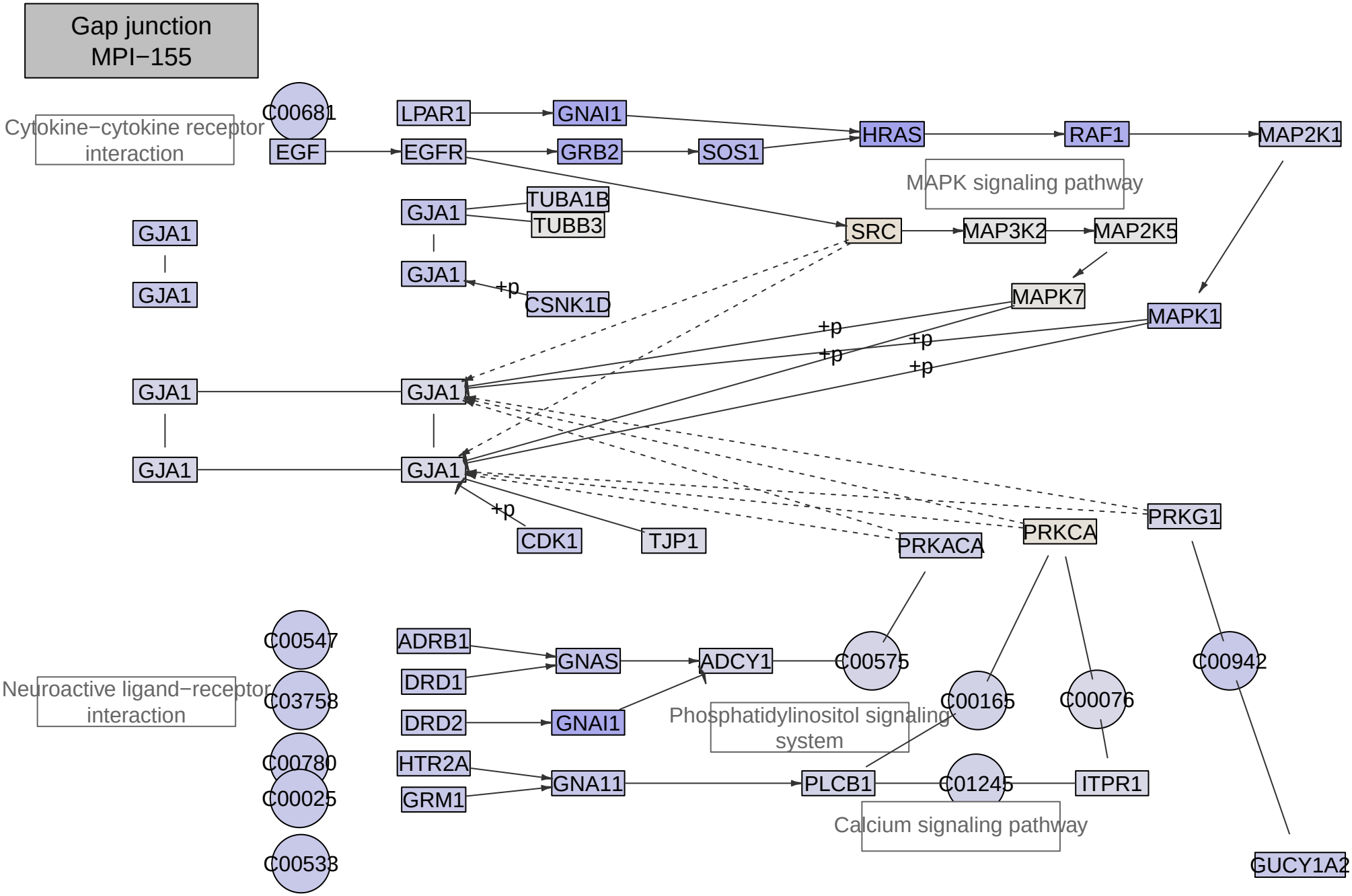

Gap junction
MPI−150
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

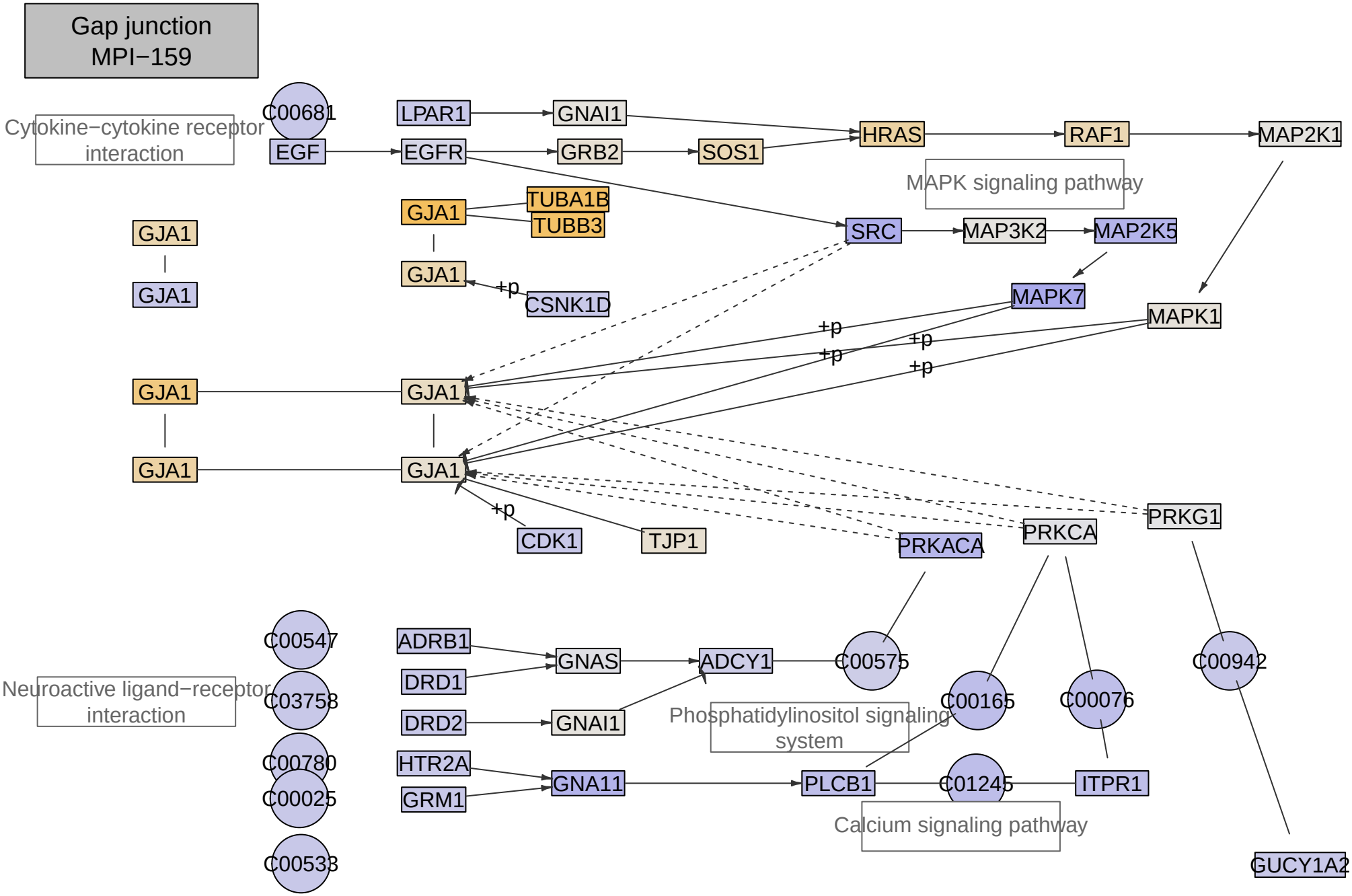

Gap junction
MPI−151
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

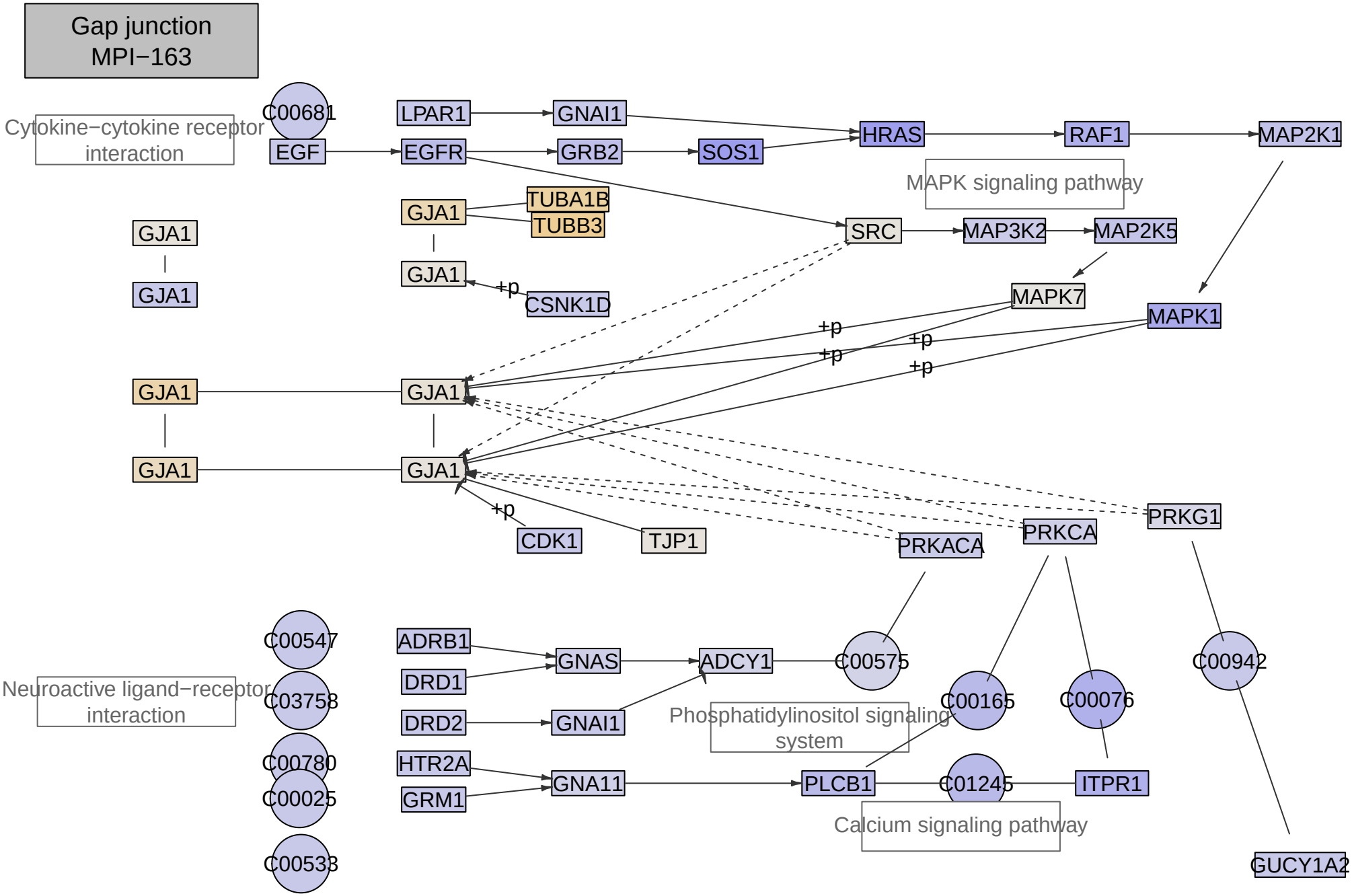

Gap junction
MPI−152
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

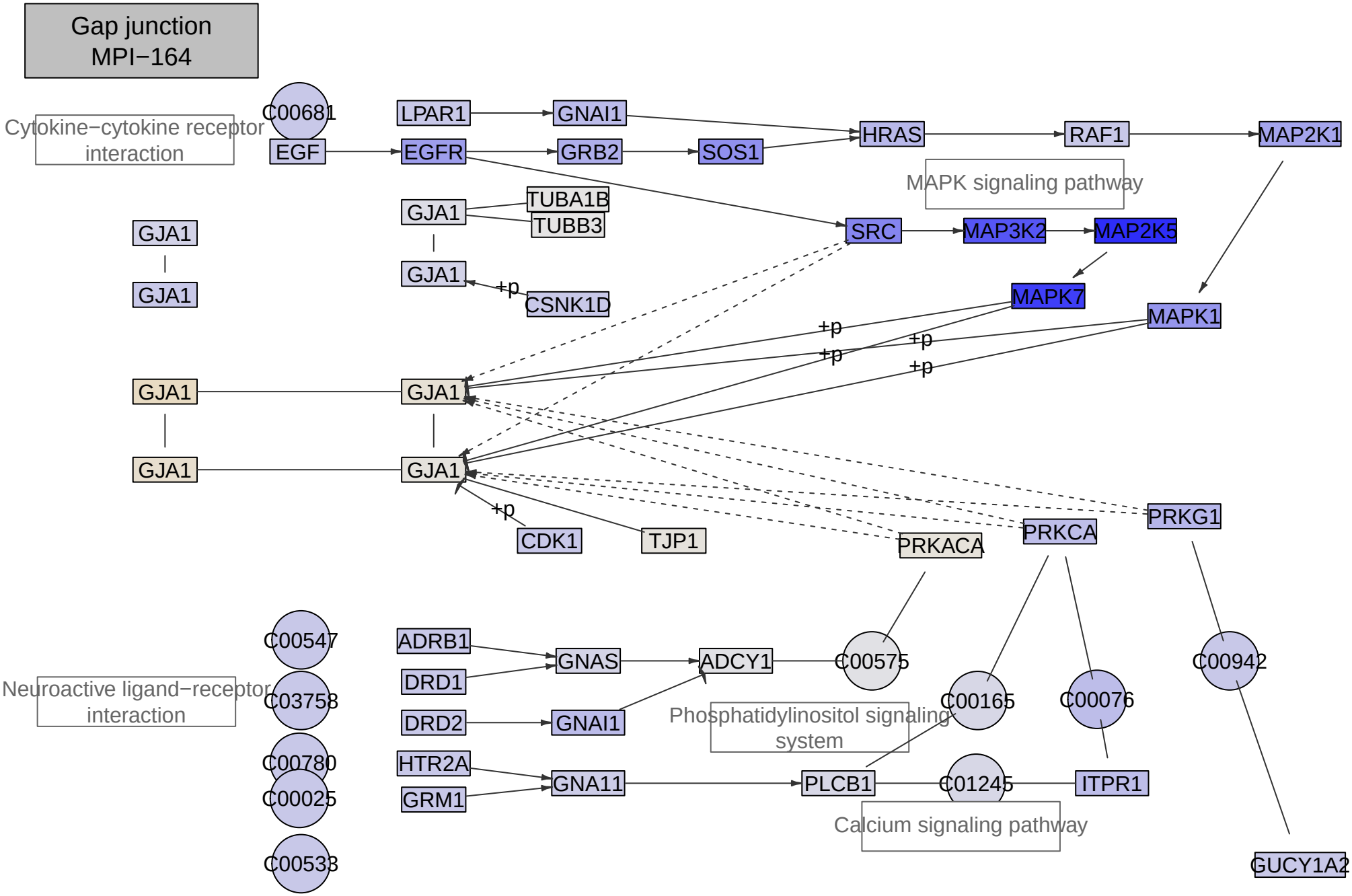

Gap junction
MPI−153
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

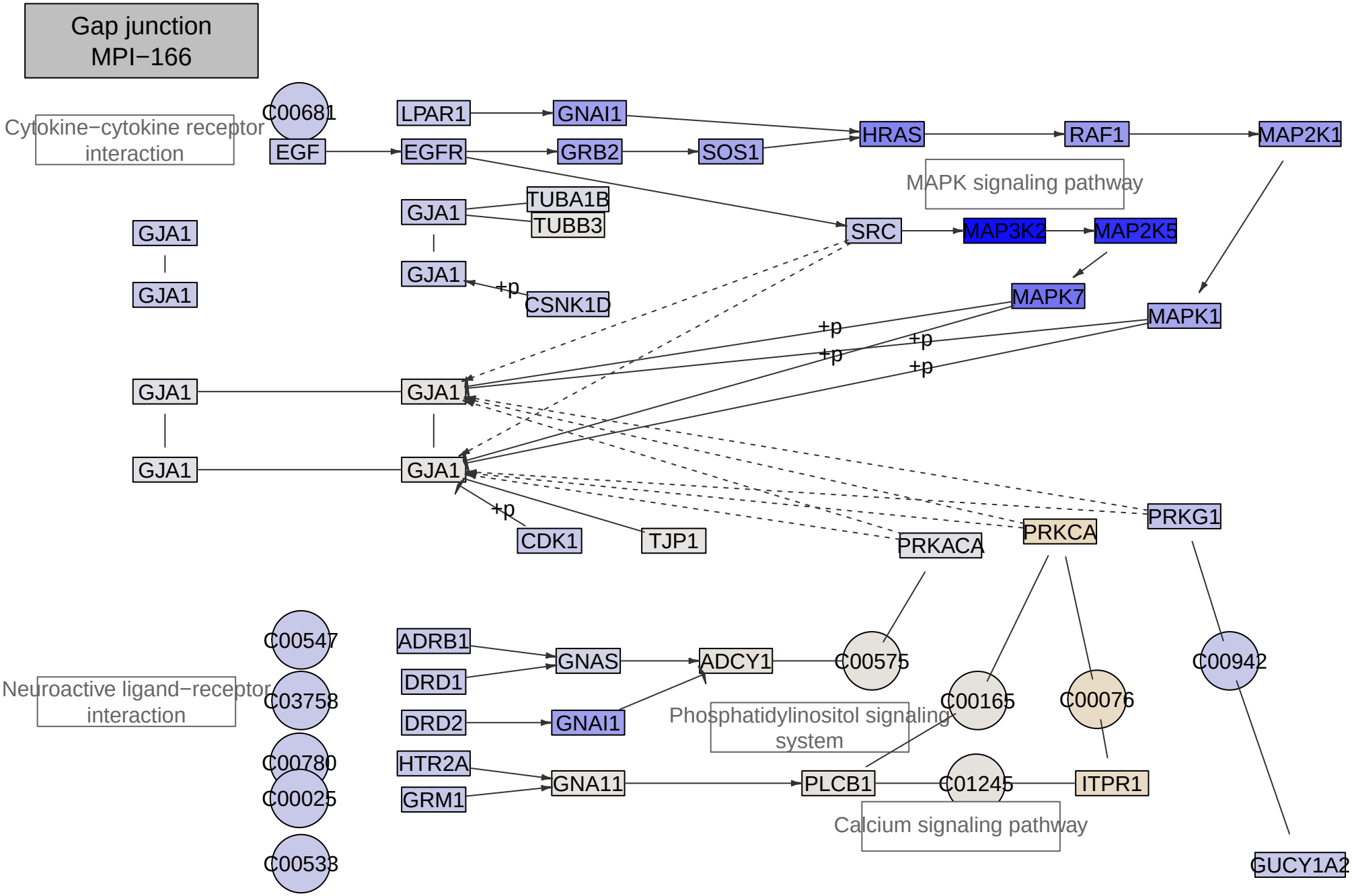

Gap junction
MPI−154
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

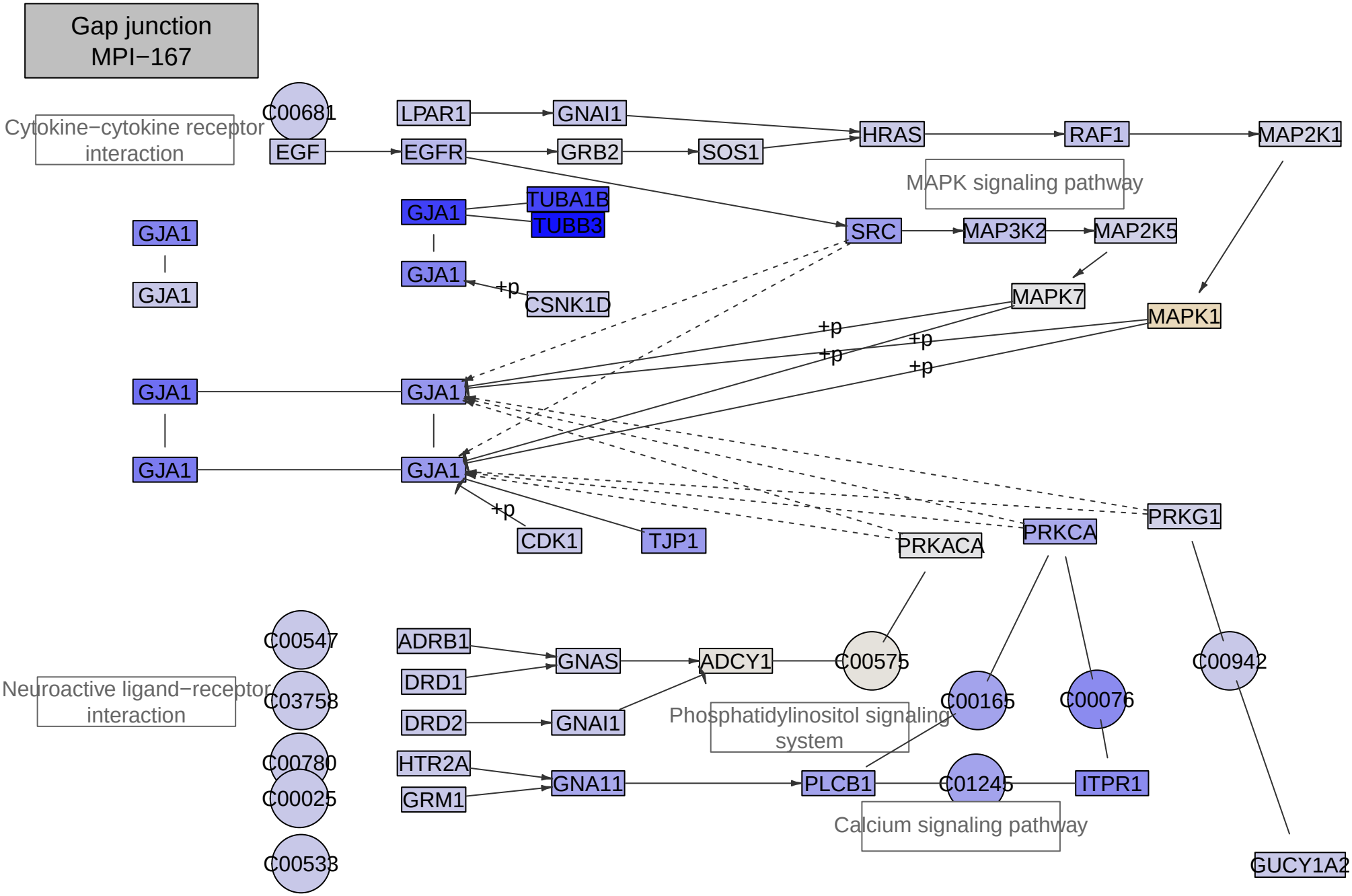

Gap junction
MPI−155
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

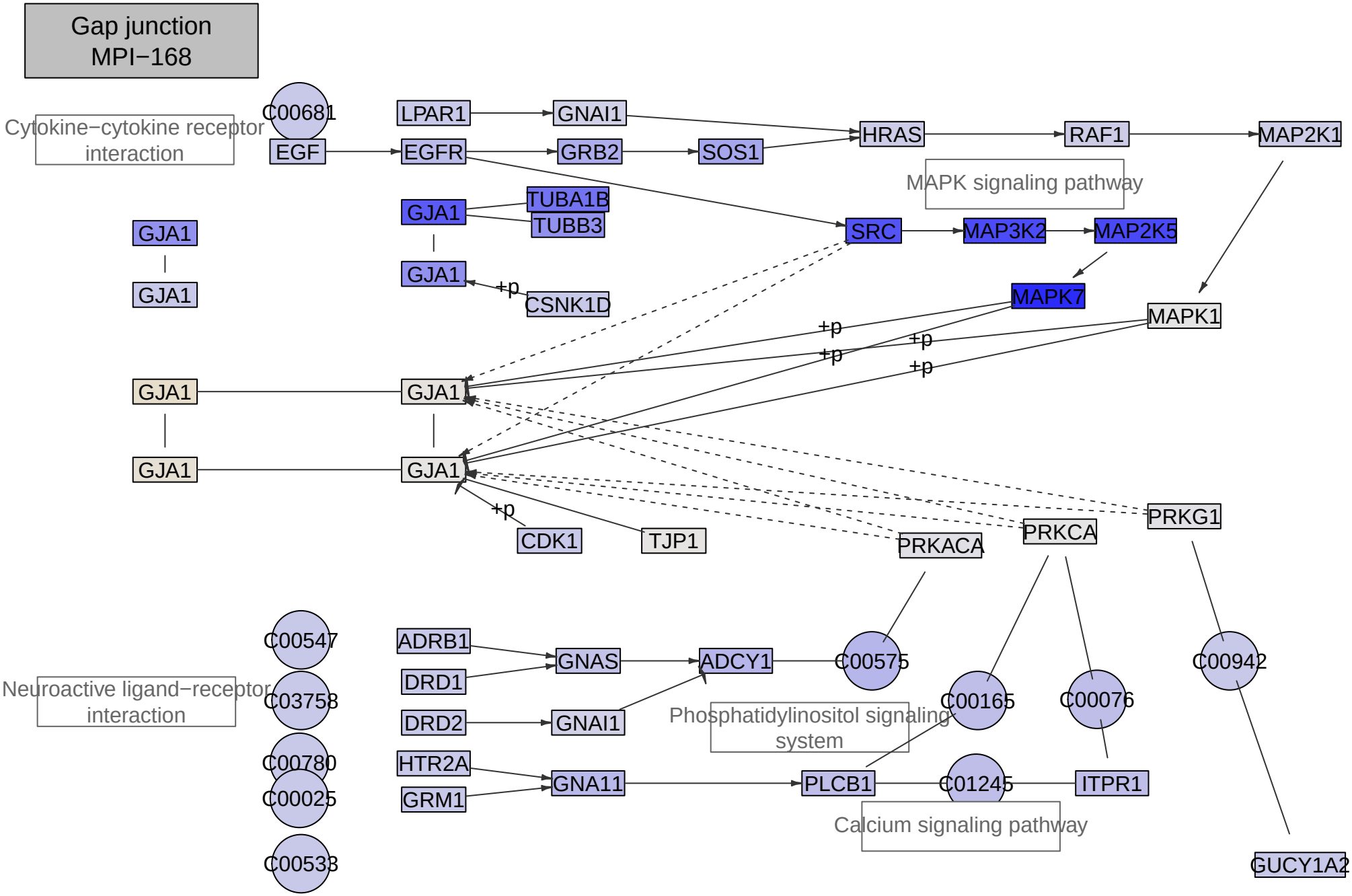

Gap junction
MPI−159
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

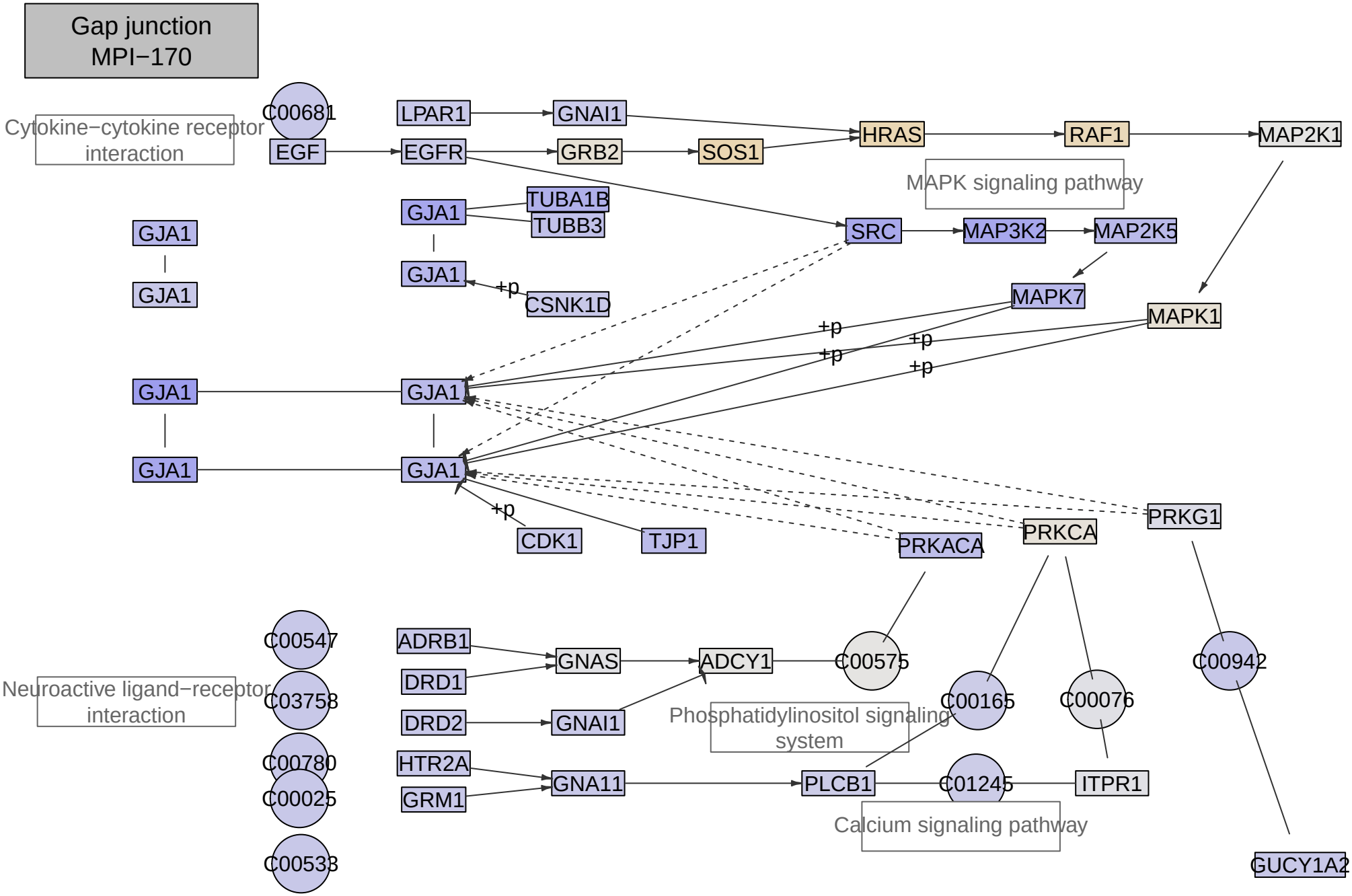

Gap junction
MPI−163
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

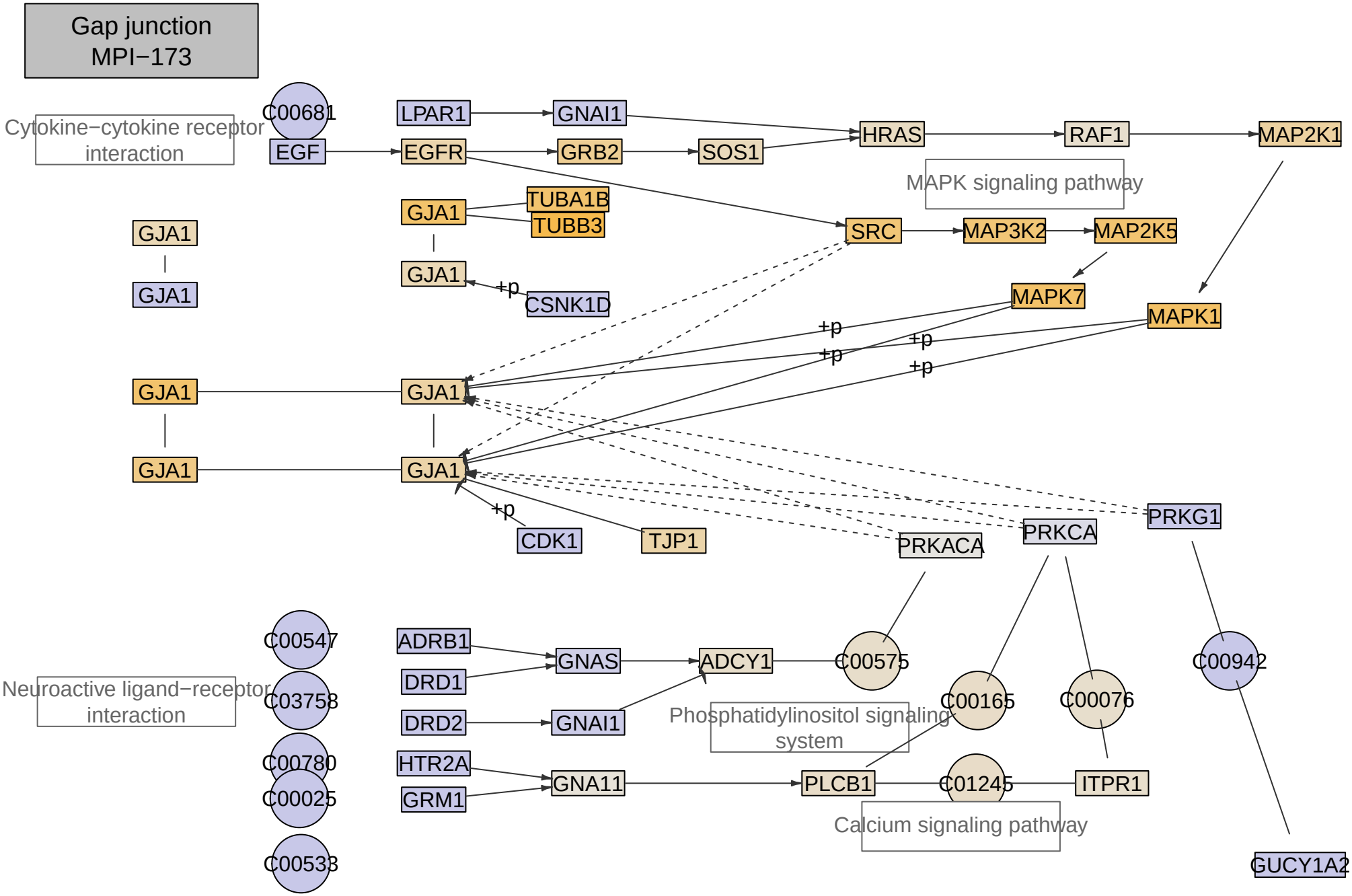

Gap junction
MPI−164
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

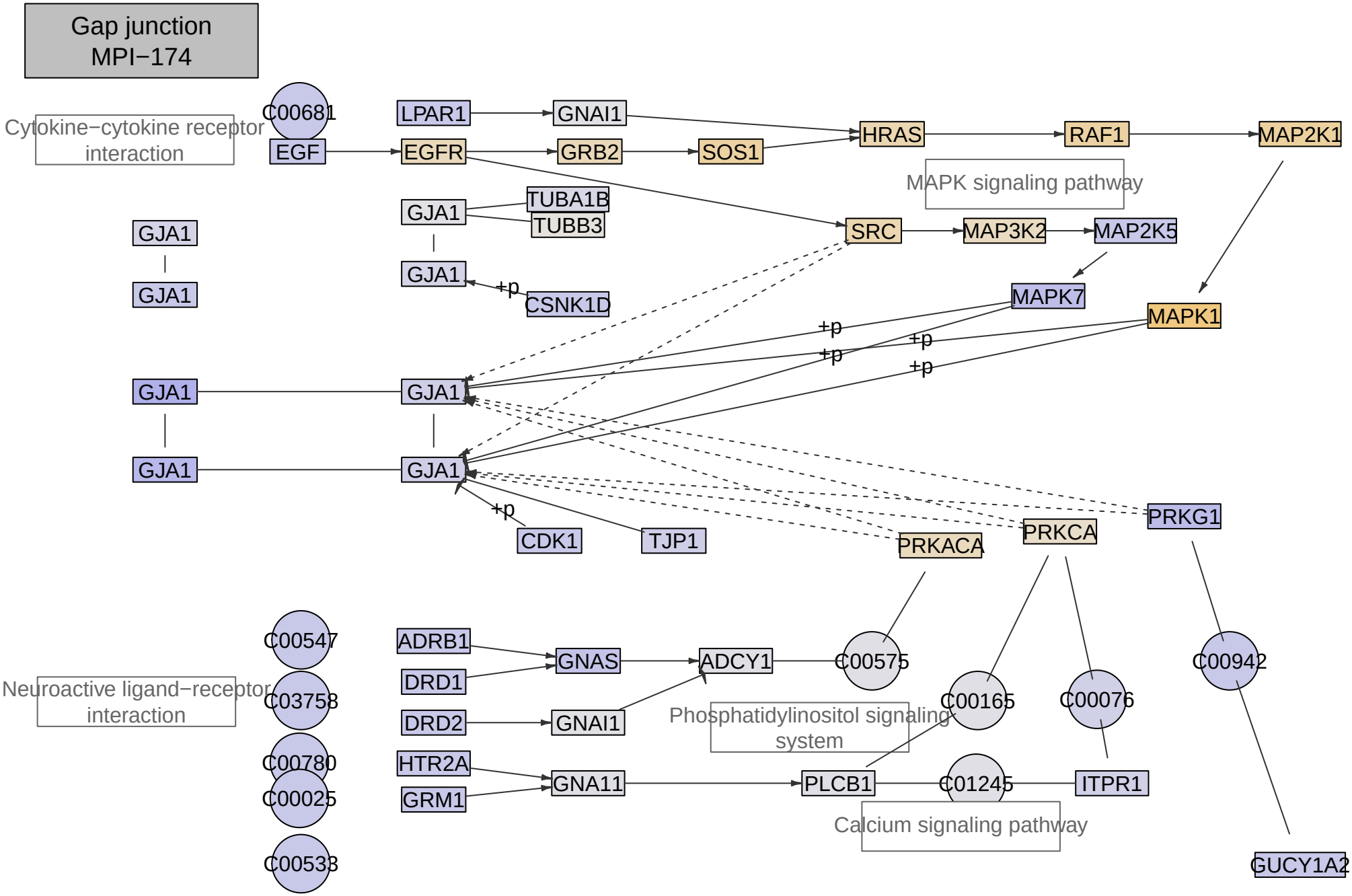

Gap junction
MPI−166
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

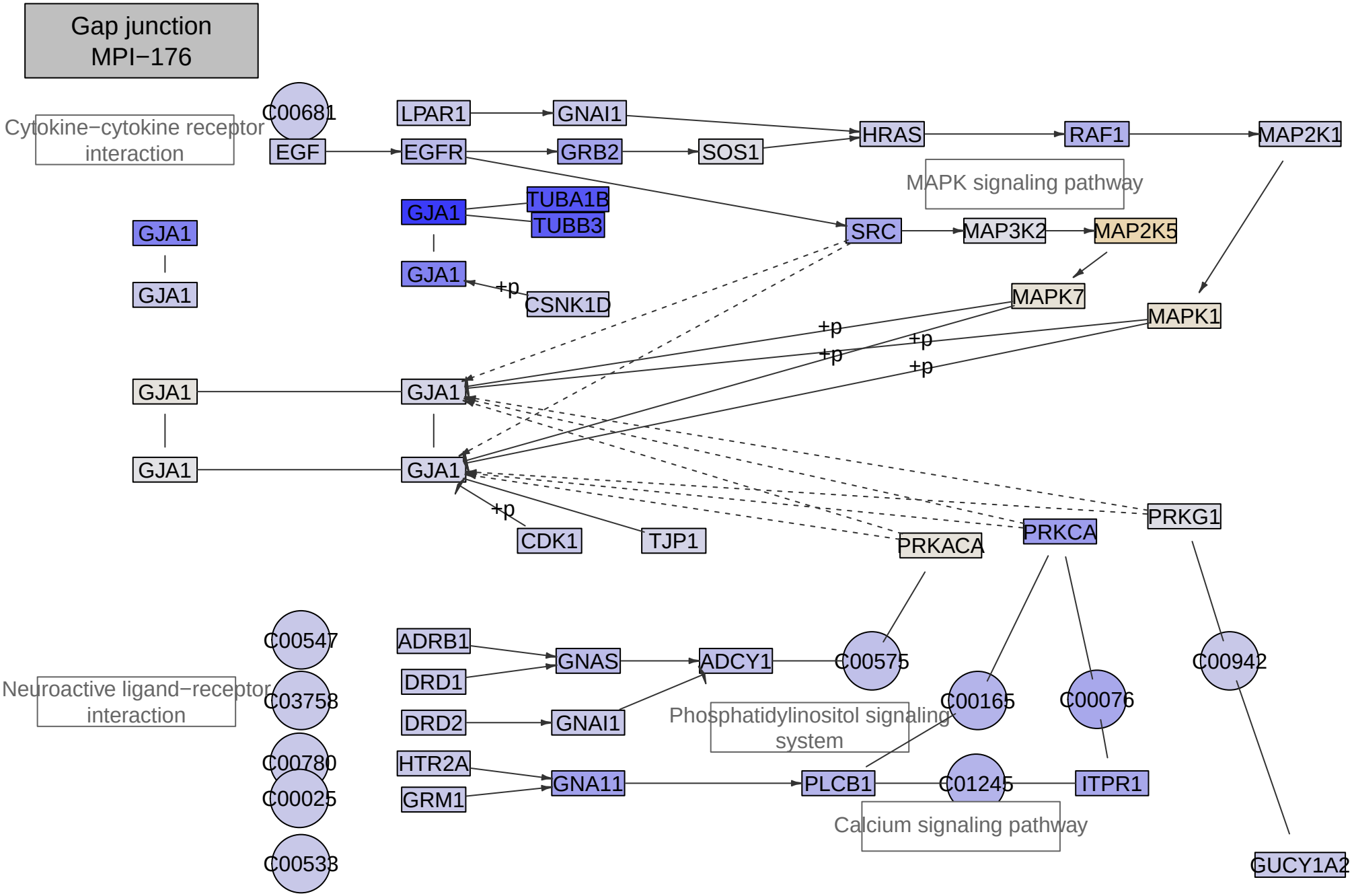

Gap junction
MPI−167
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

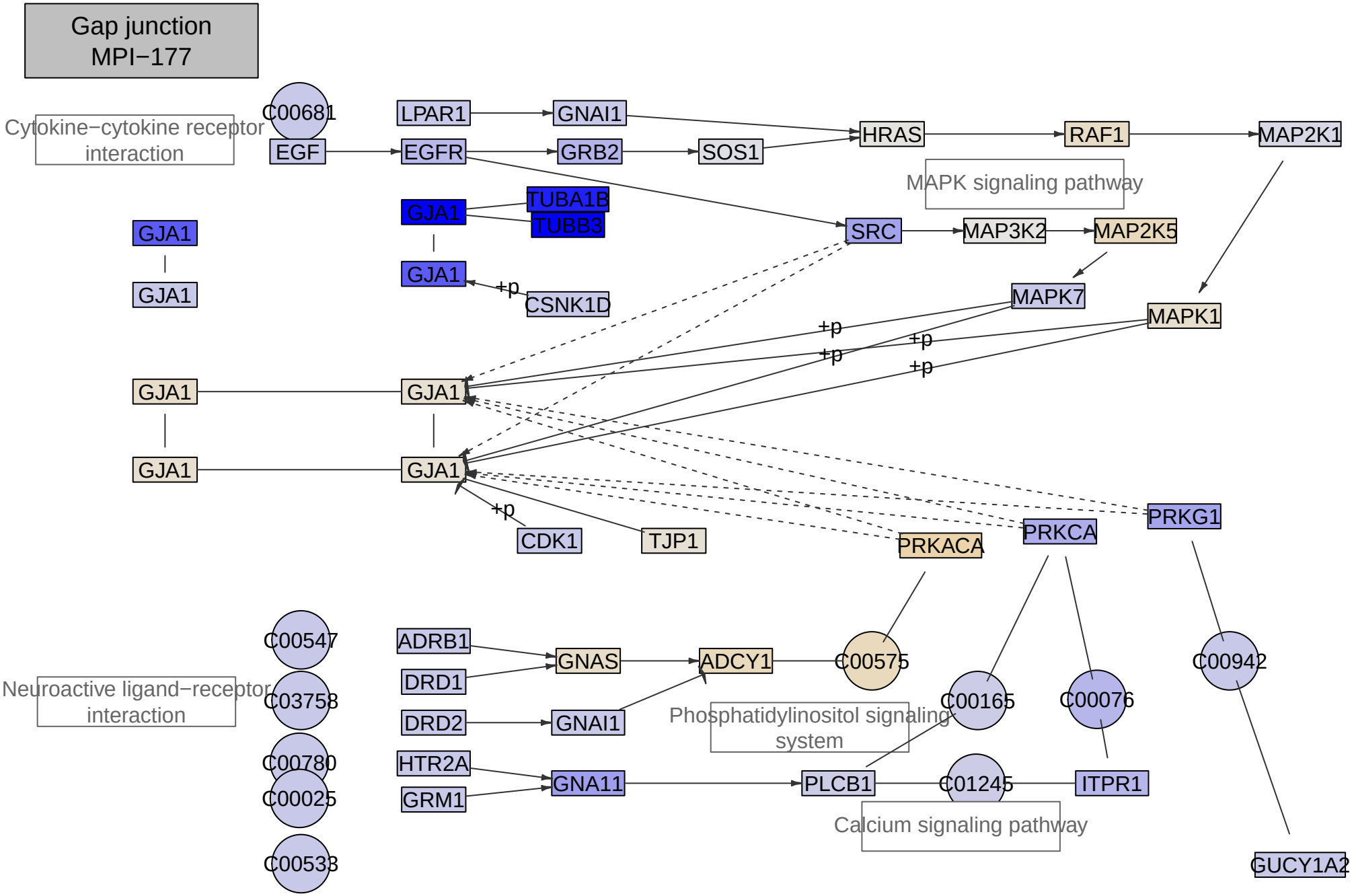

Gap junction
MPI−168
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

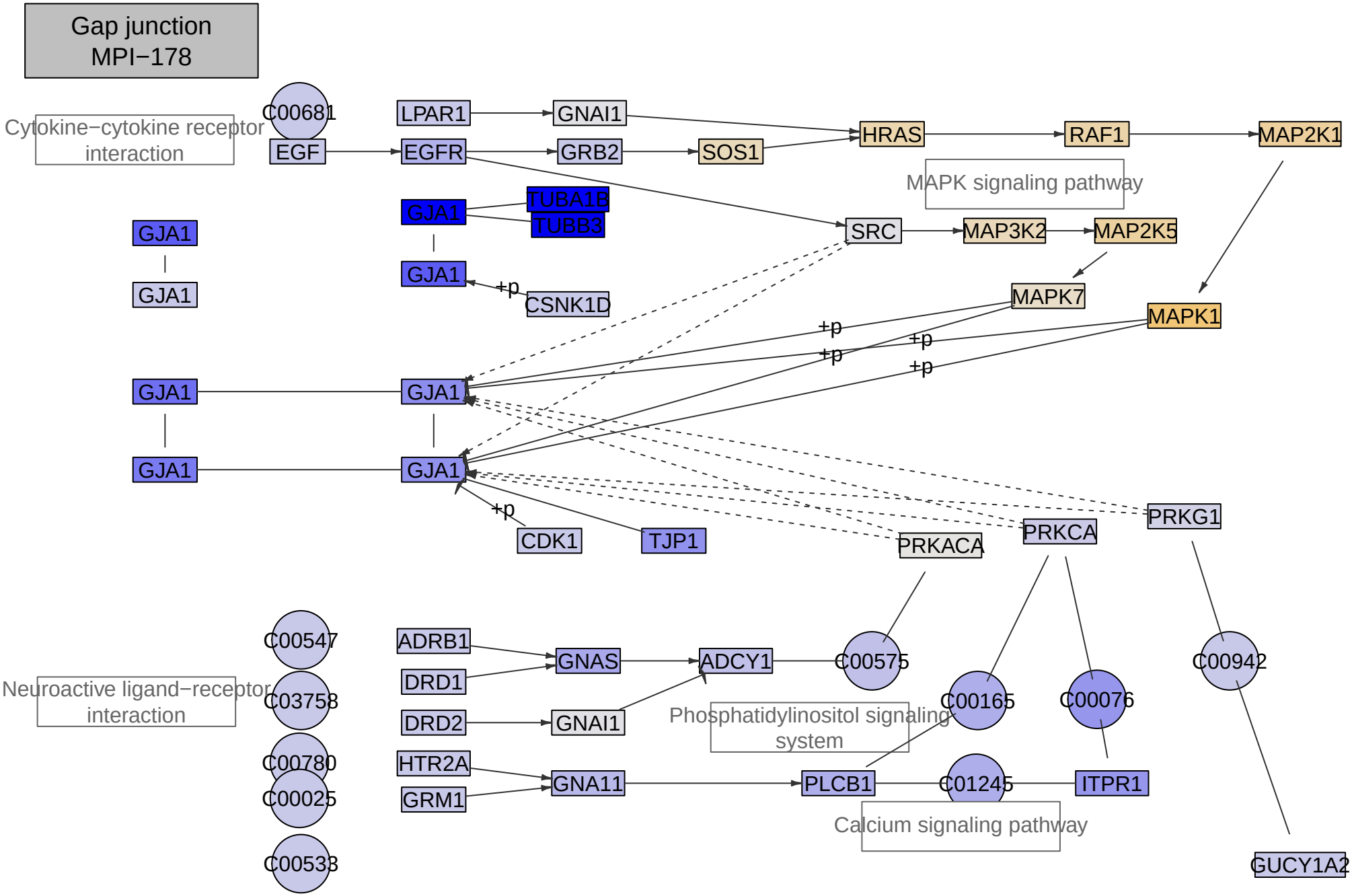

Gap junction
MPI−170
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

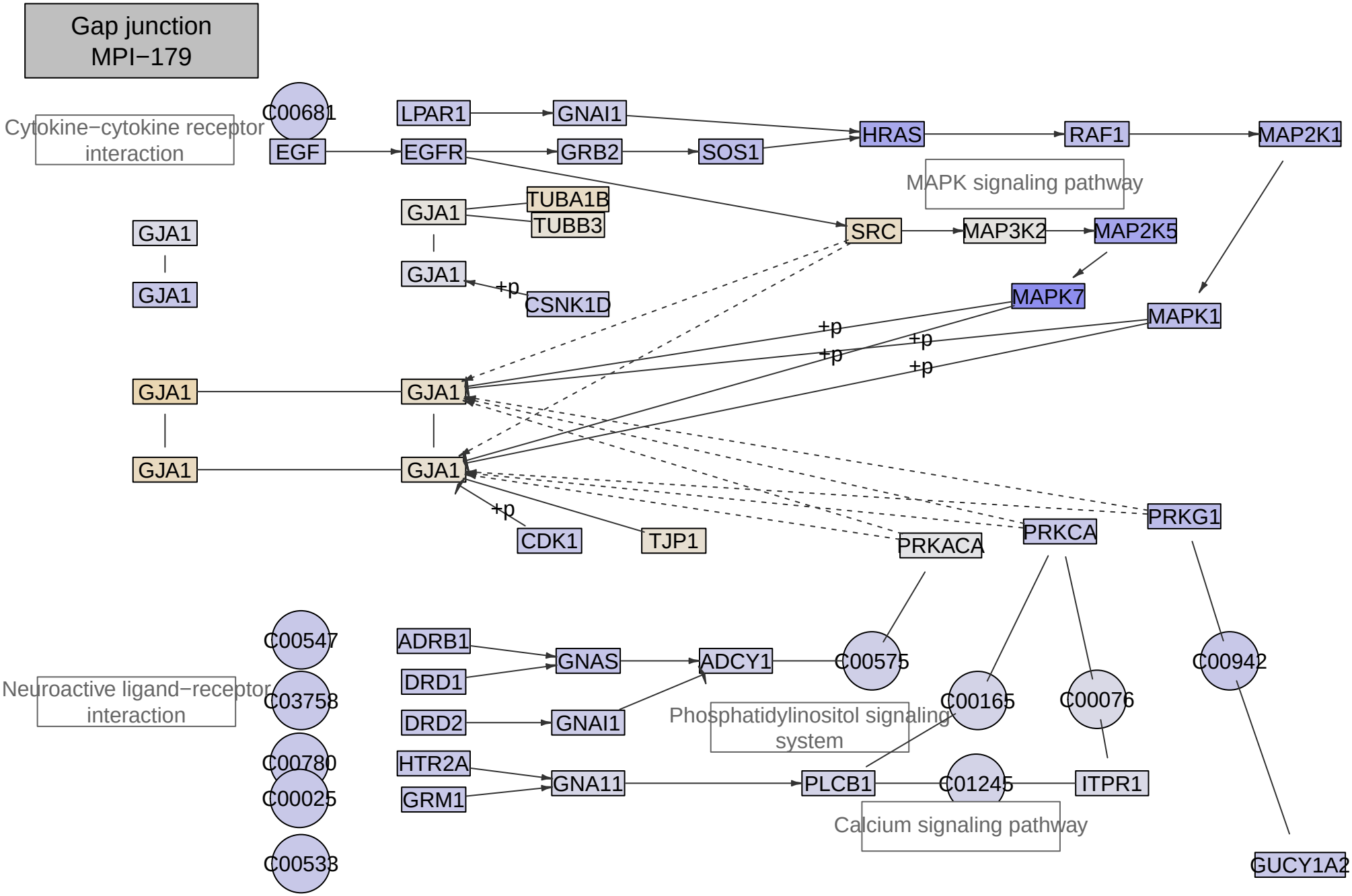

Gap junction
MPI−173
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

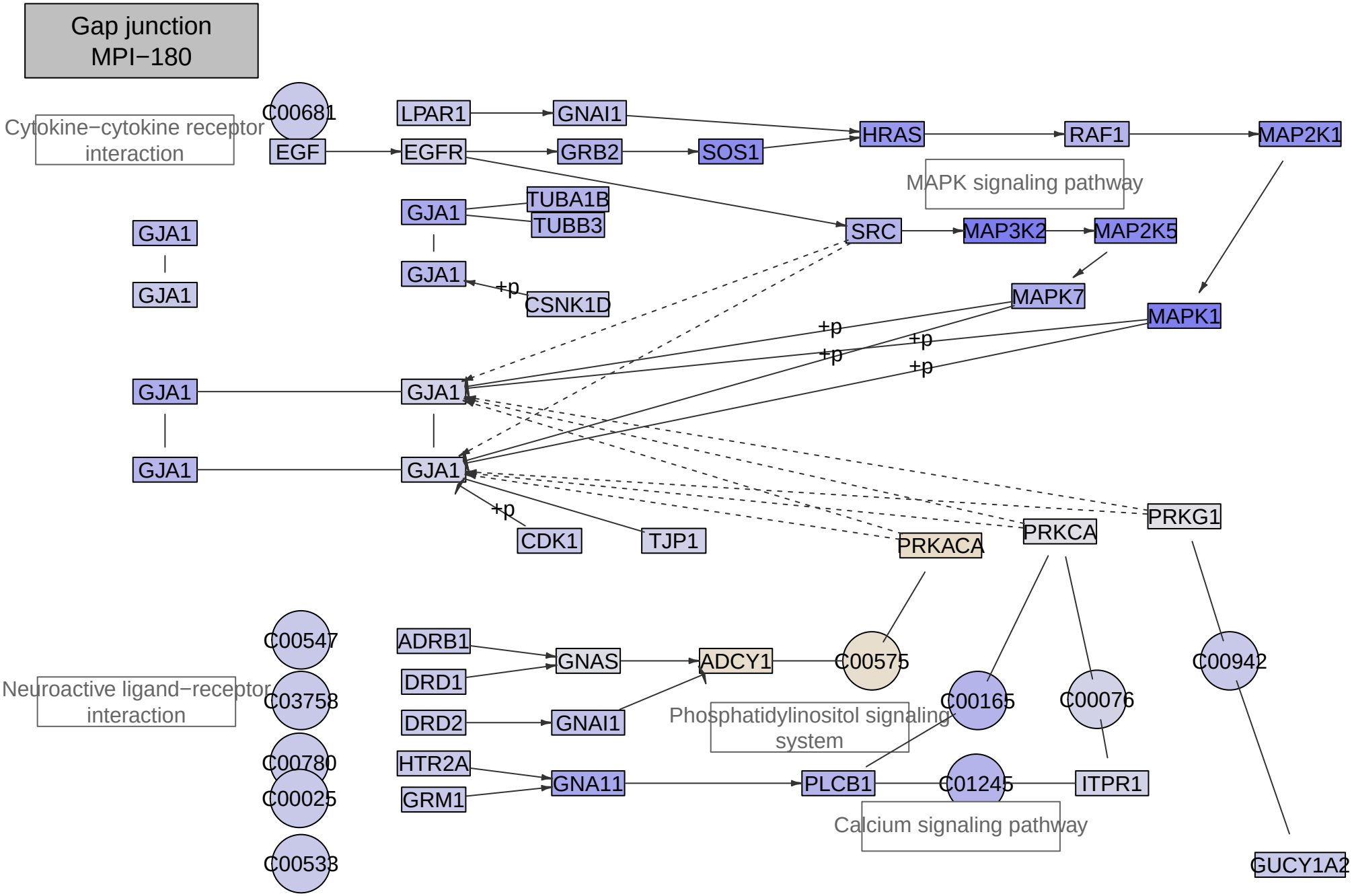

Gap junction
MPI−174
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

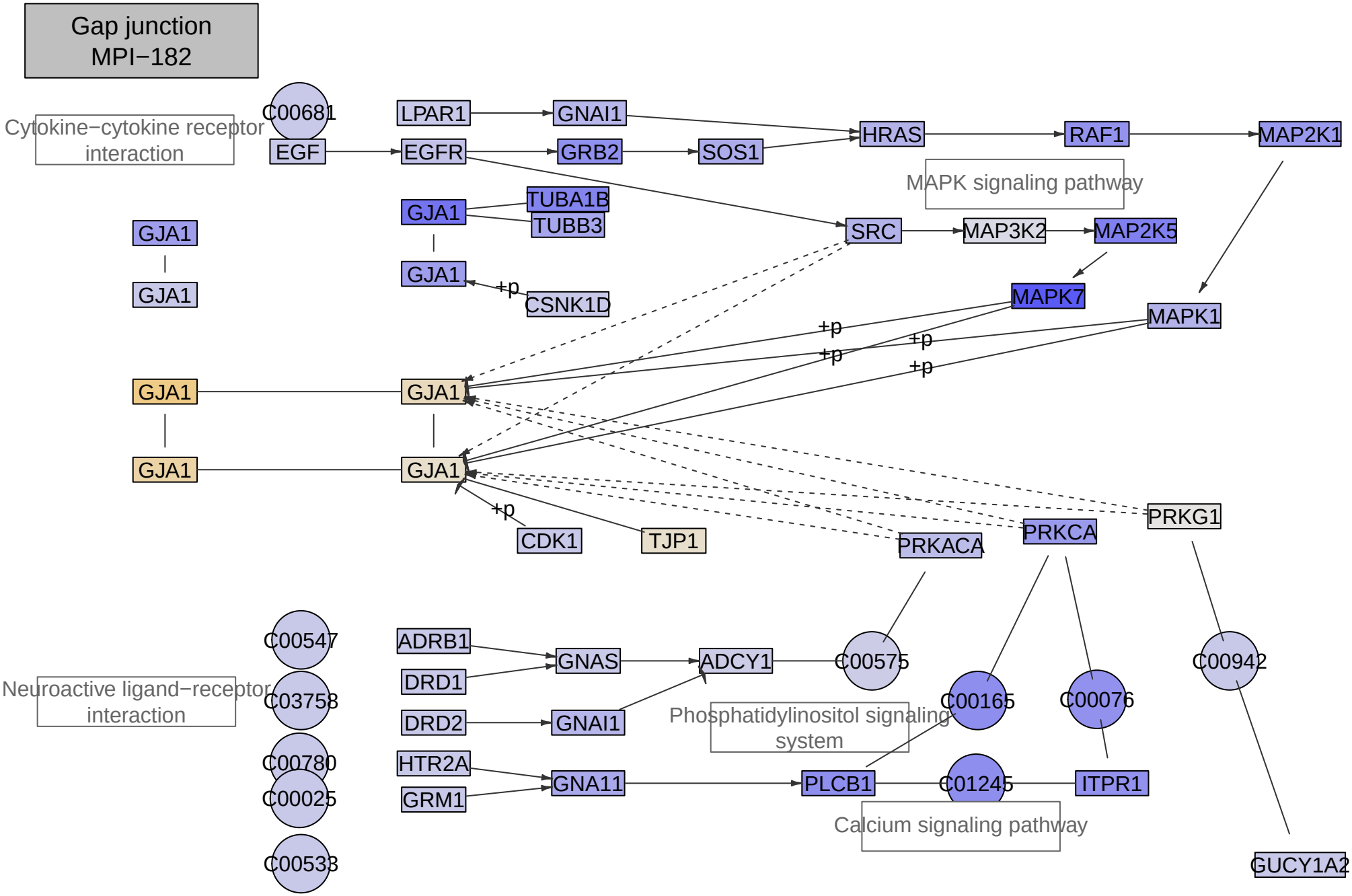

Gap junction
MPI−176
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

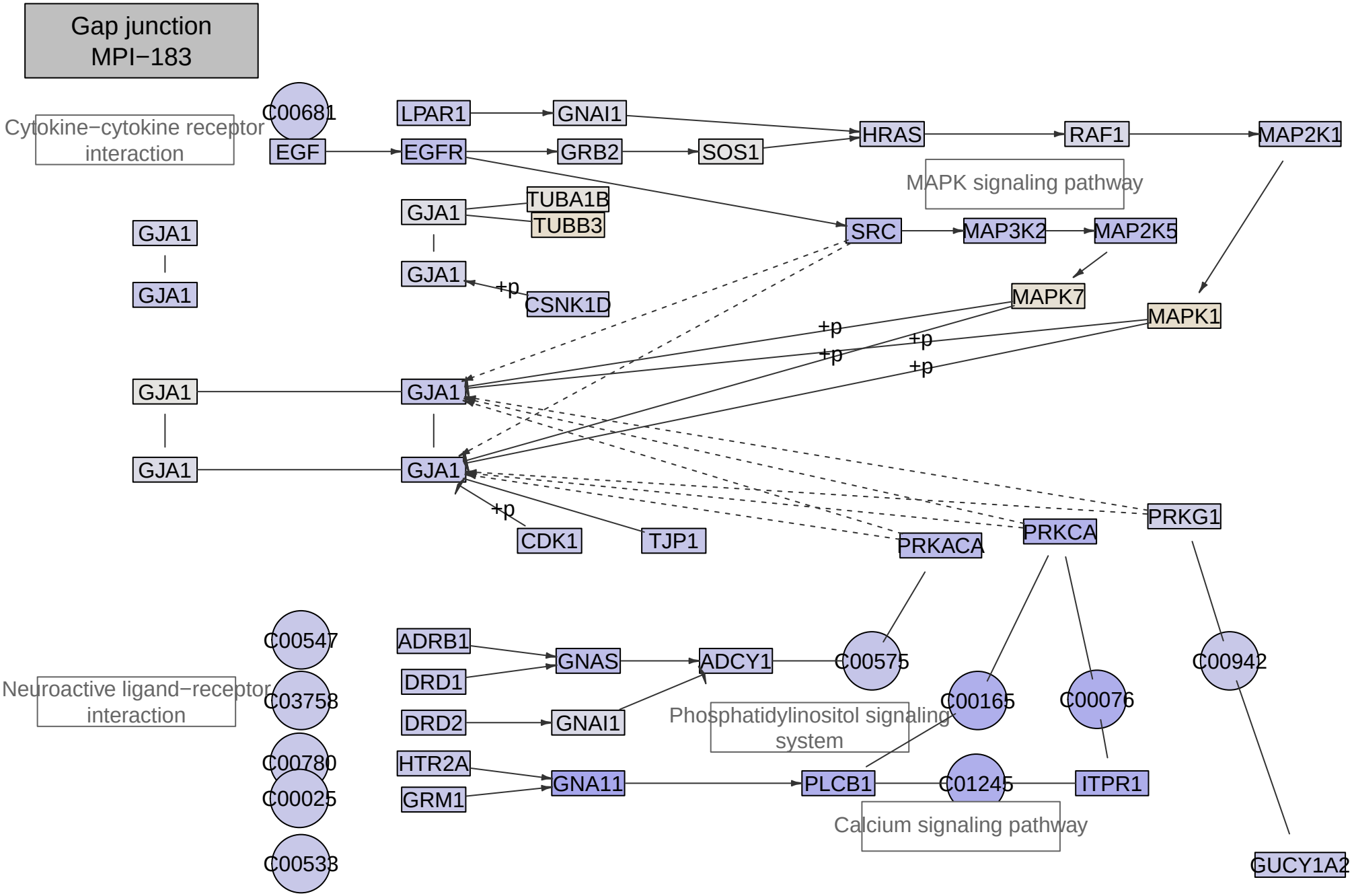

Gap junction
MPI−177
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

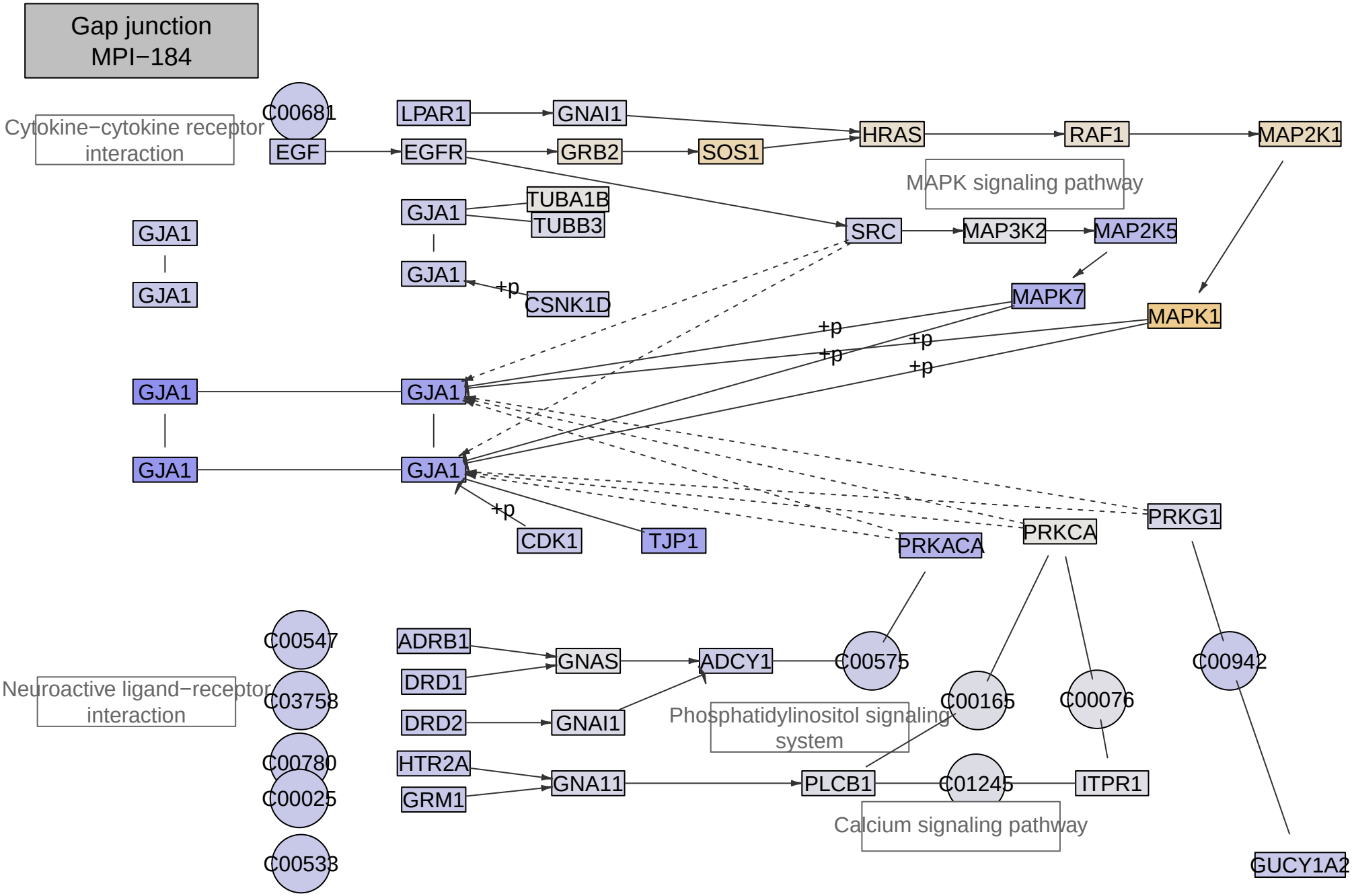

Gap junction
MPI−178
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

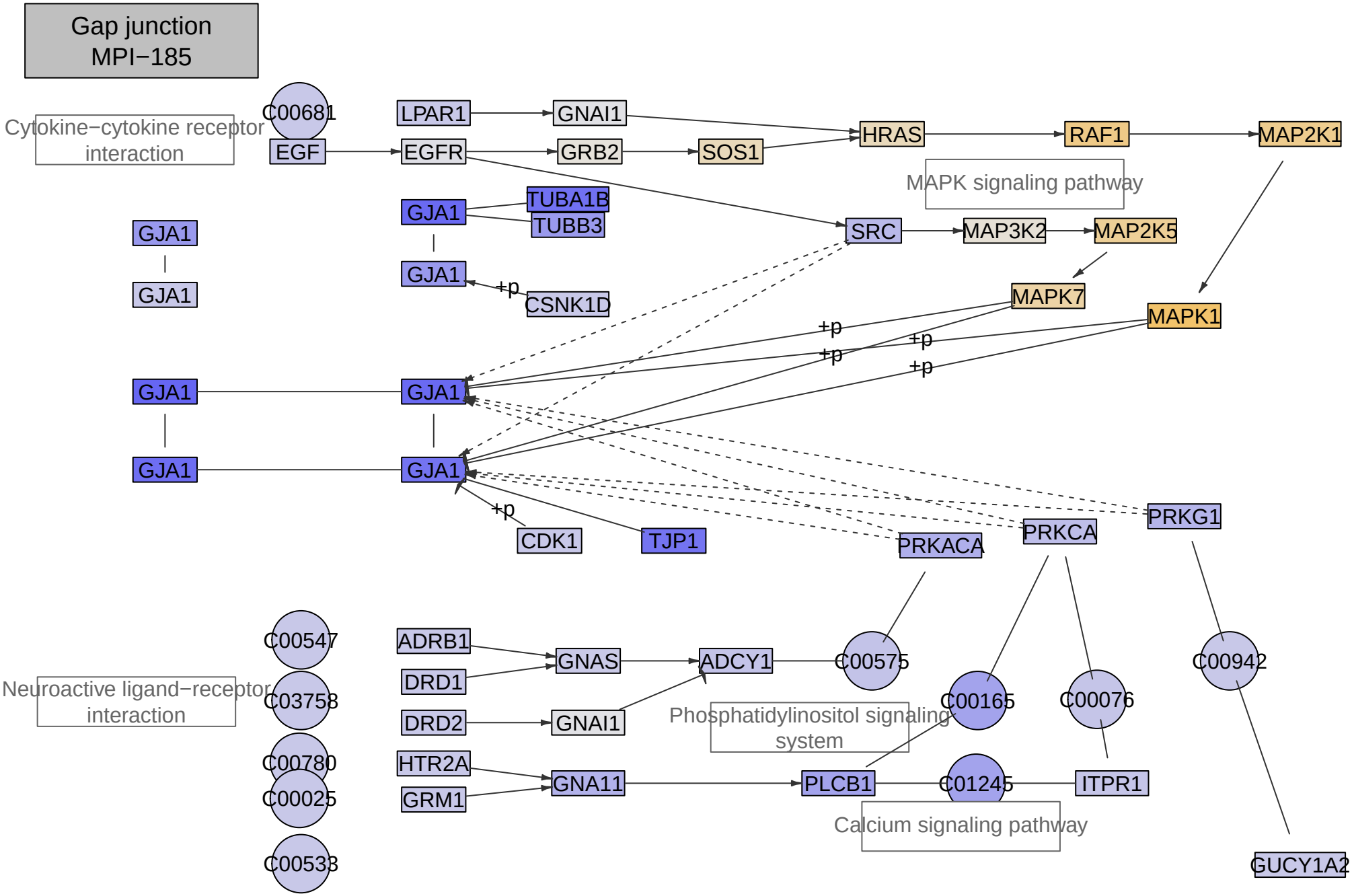

Gap junction
MPI−179
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00942
GUCY1A2
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway

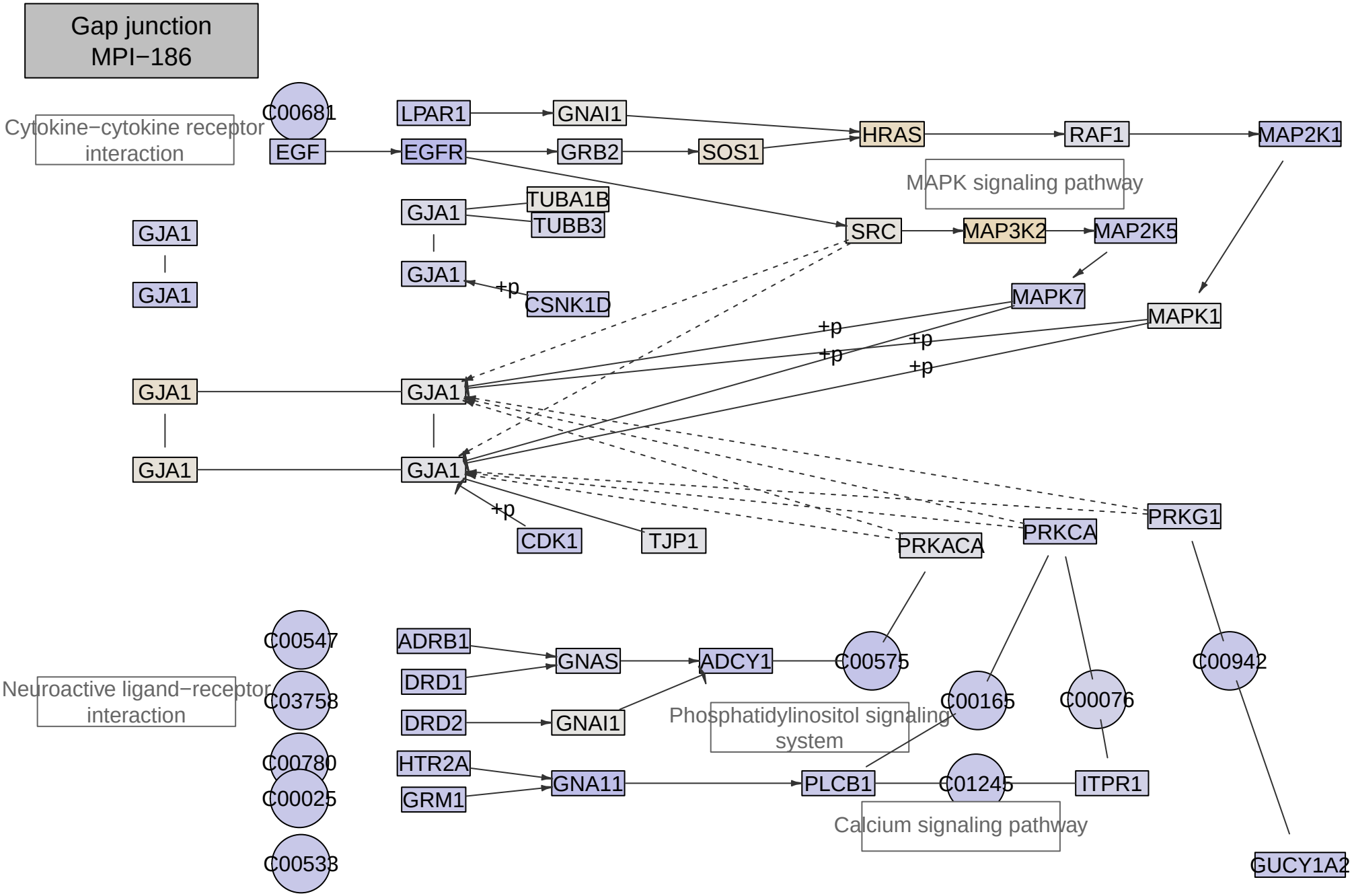

Gap junction
MPI−180
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
PLCB1
C00165
C00076
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

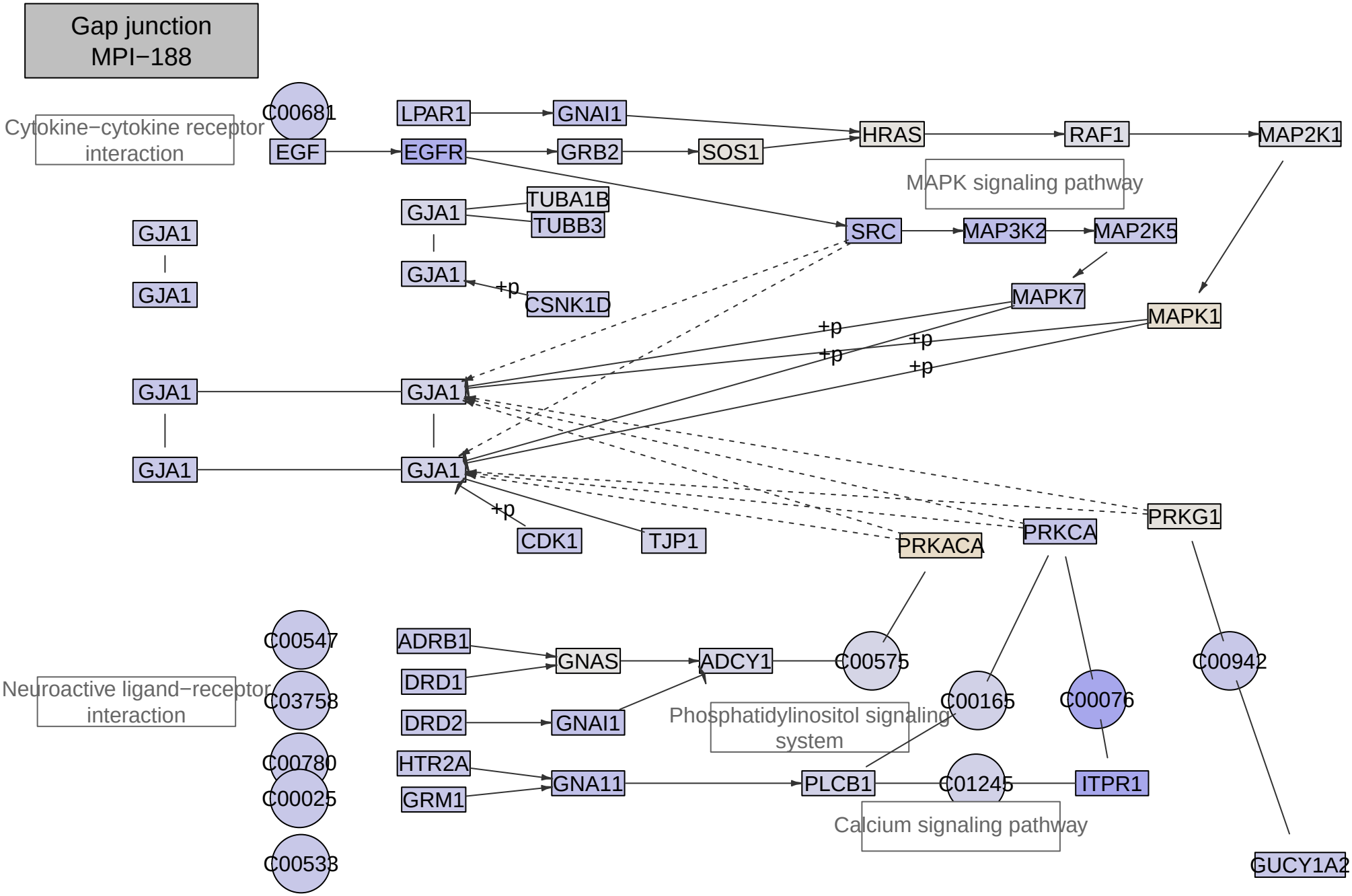

Gap junction
MPI−182
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

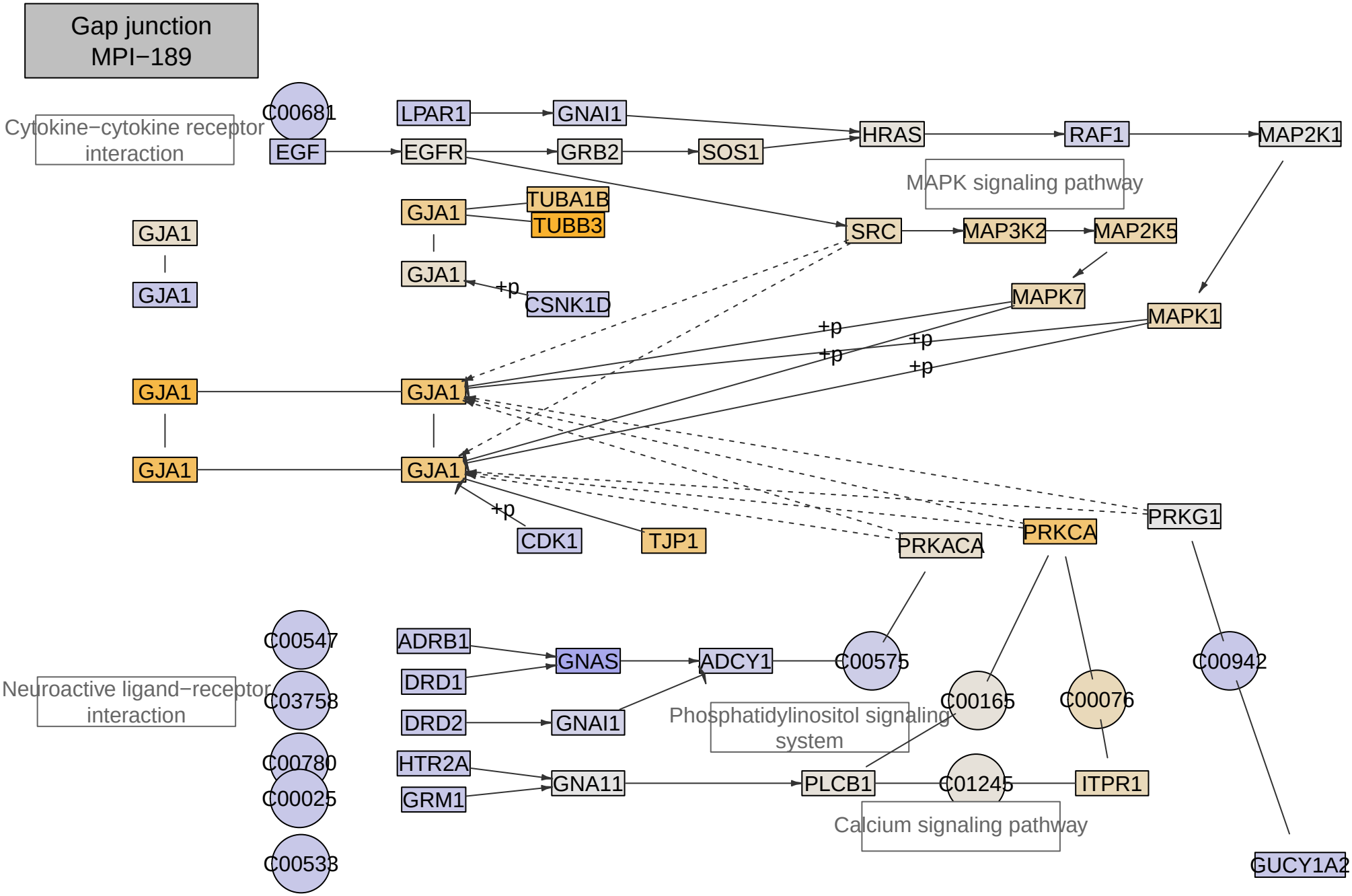

Gap junction
MPI−183
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

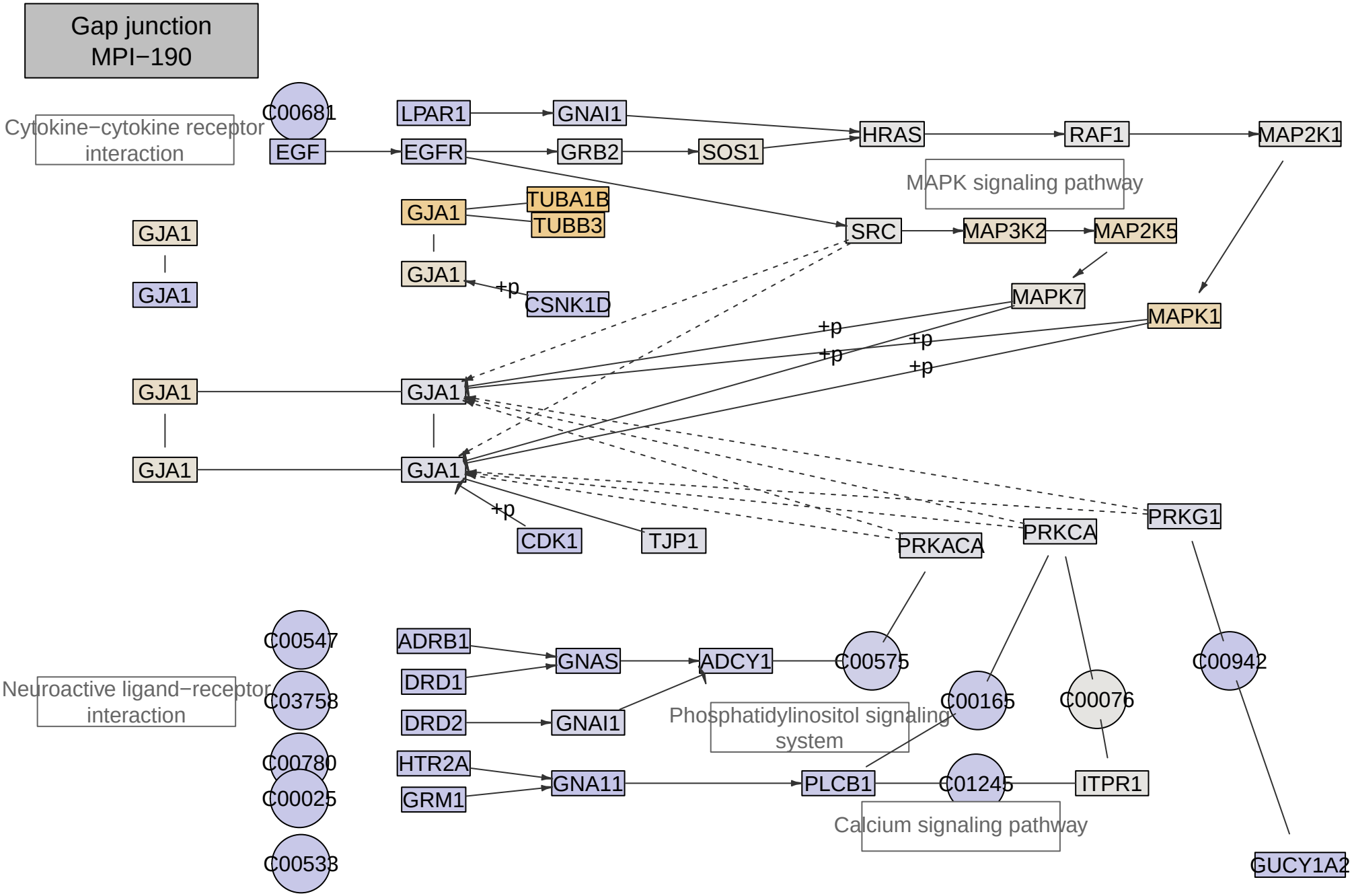

Gap junction
MPI−184
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

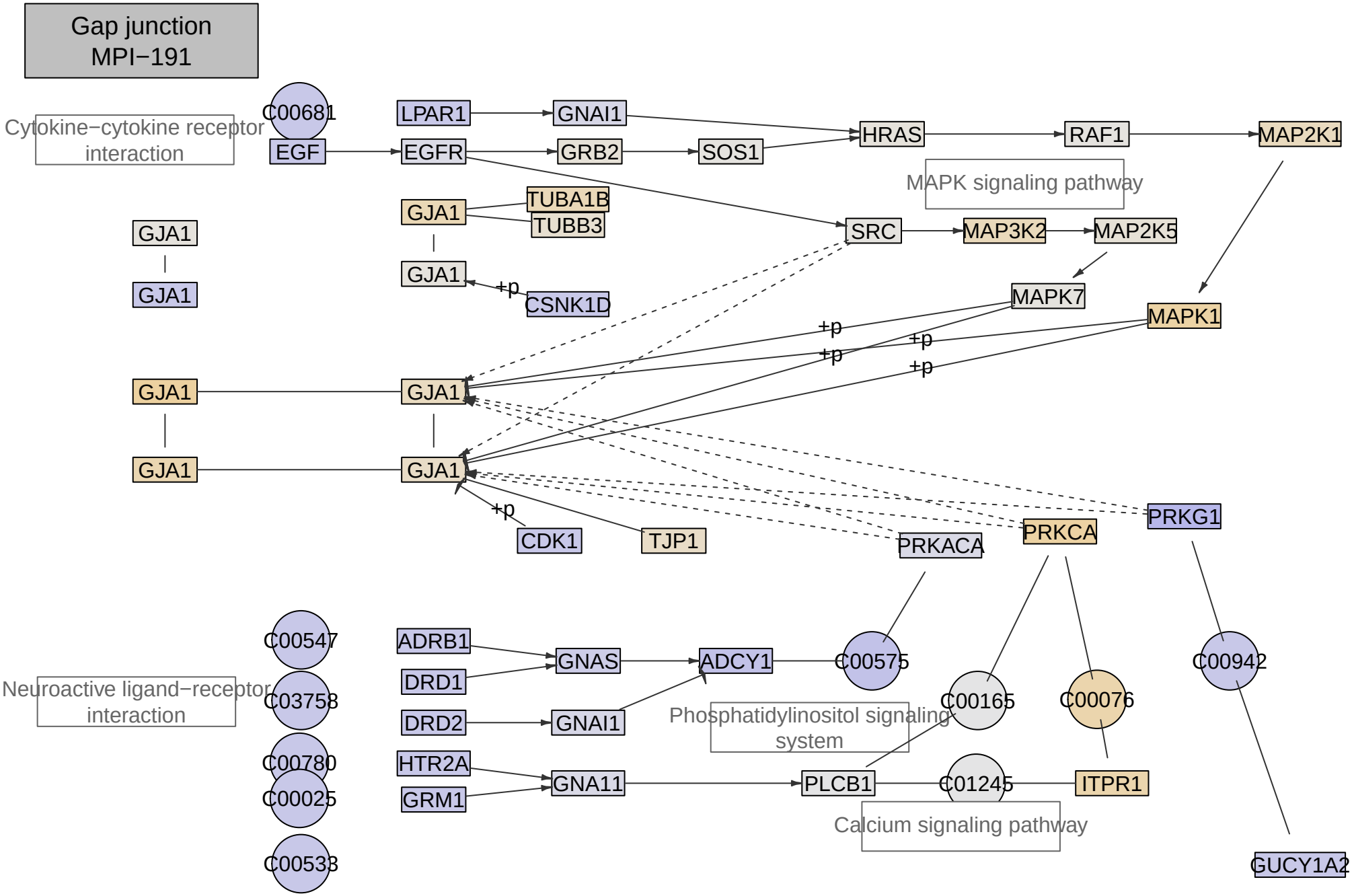

Gap junction
MPI−185
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
C00165
C00076
C00942
Phosphatidylinositol signaling system
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

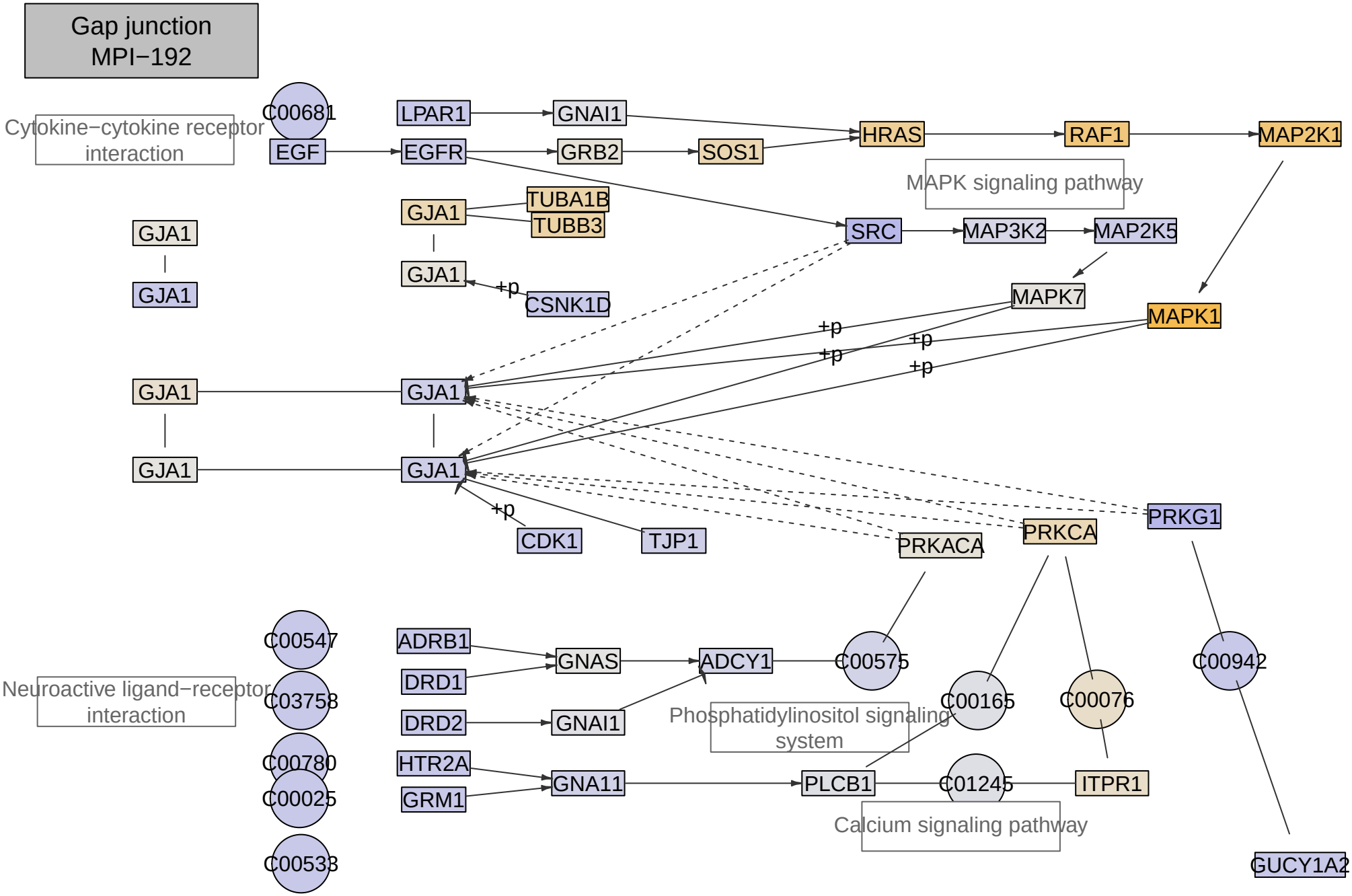

Gap junction
MPI−186
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

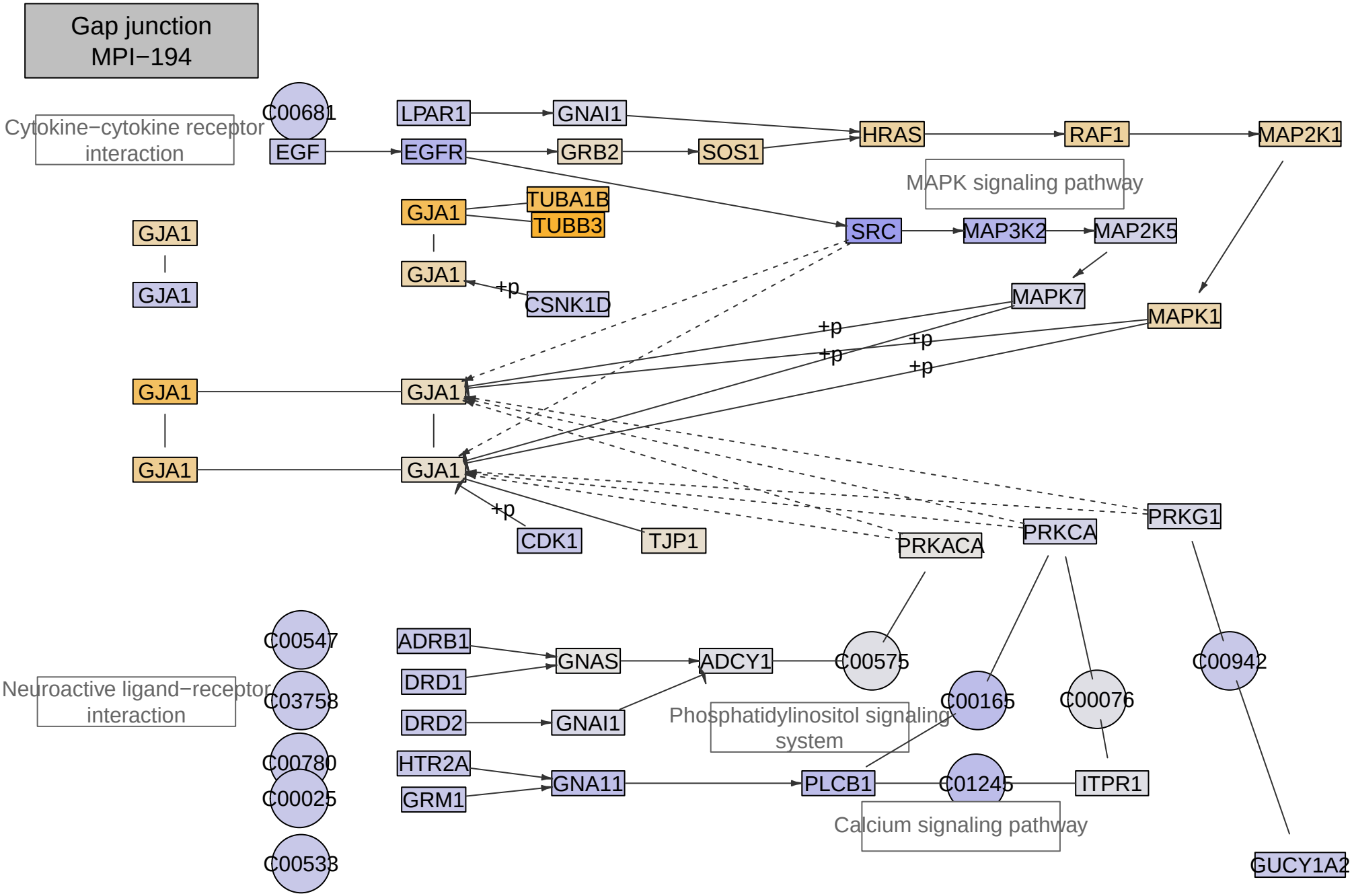

Gap junction
MPI−188
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

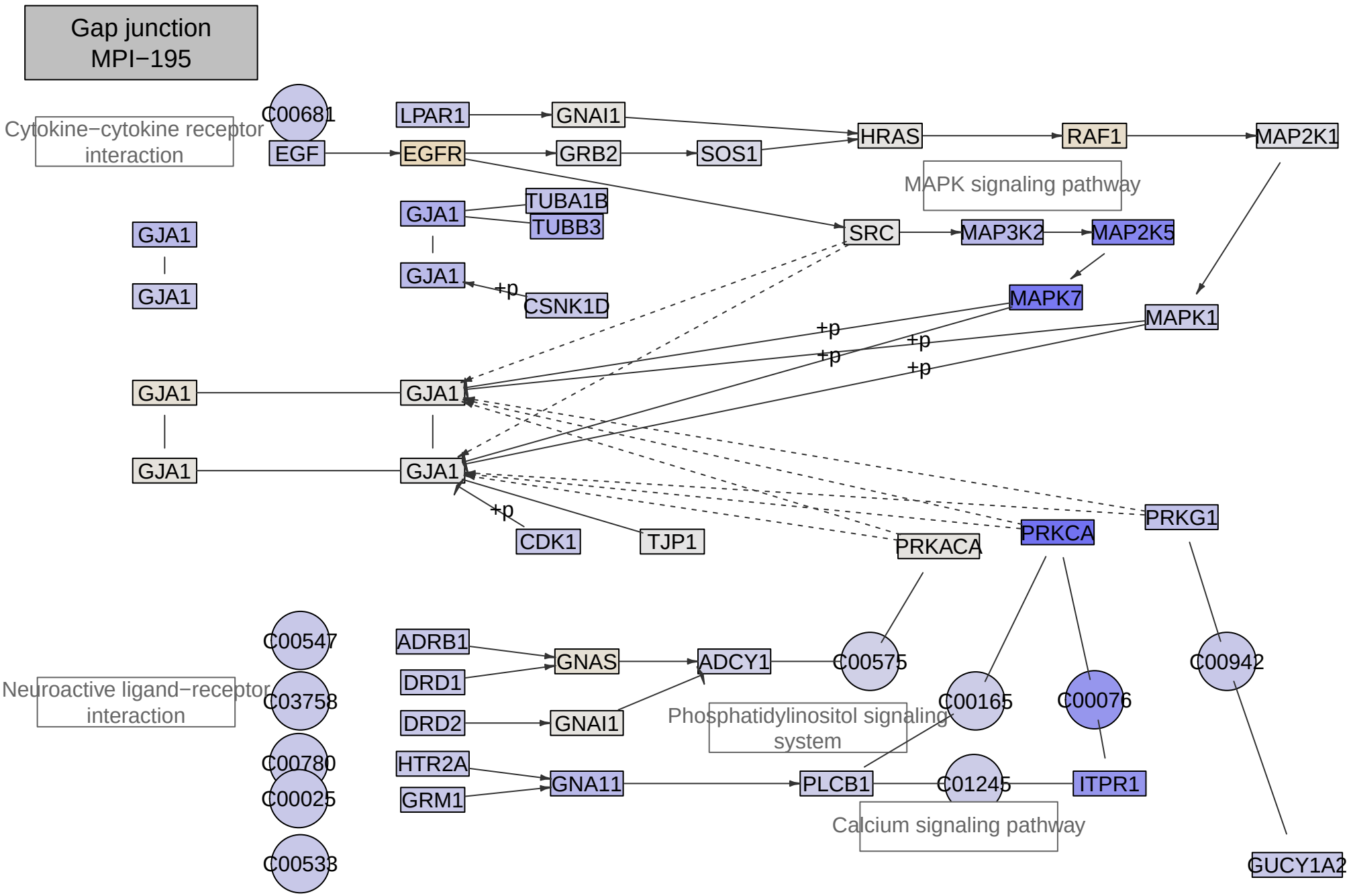

Gap junction
MPI−189
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

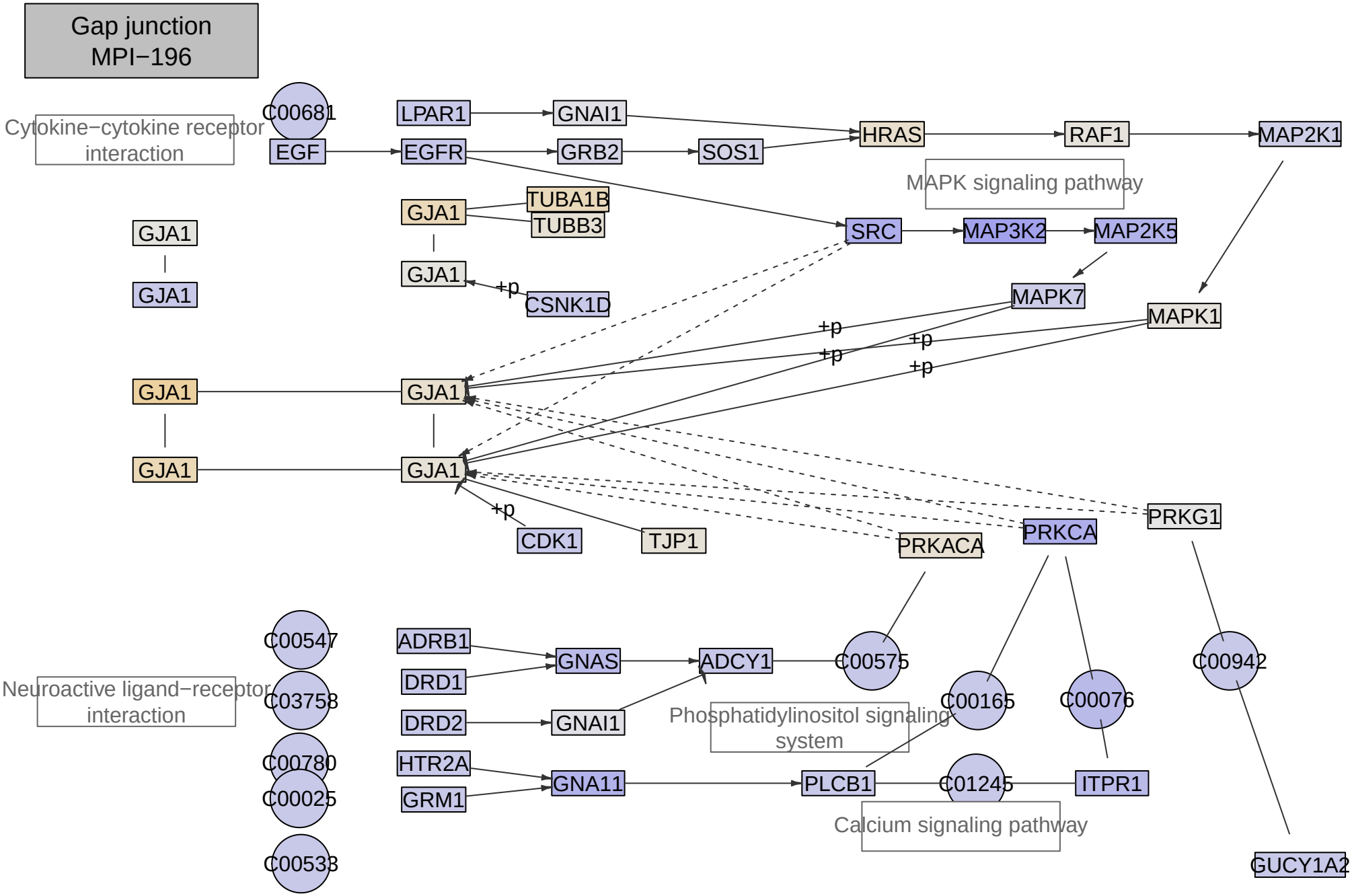

Gap junction
MPI−190
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

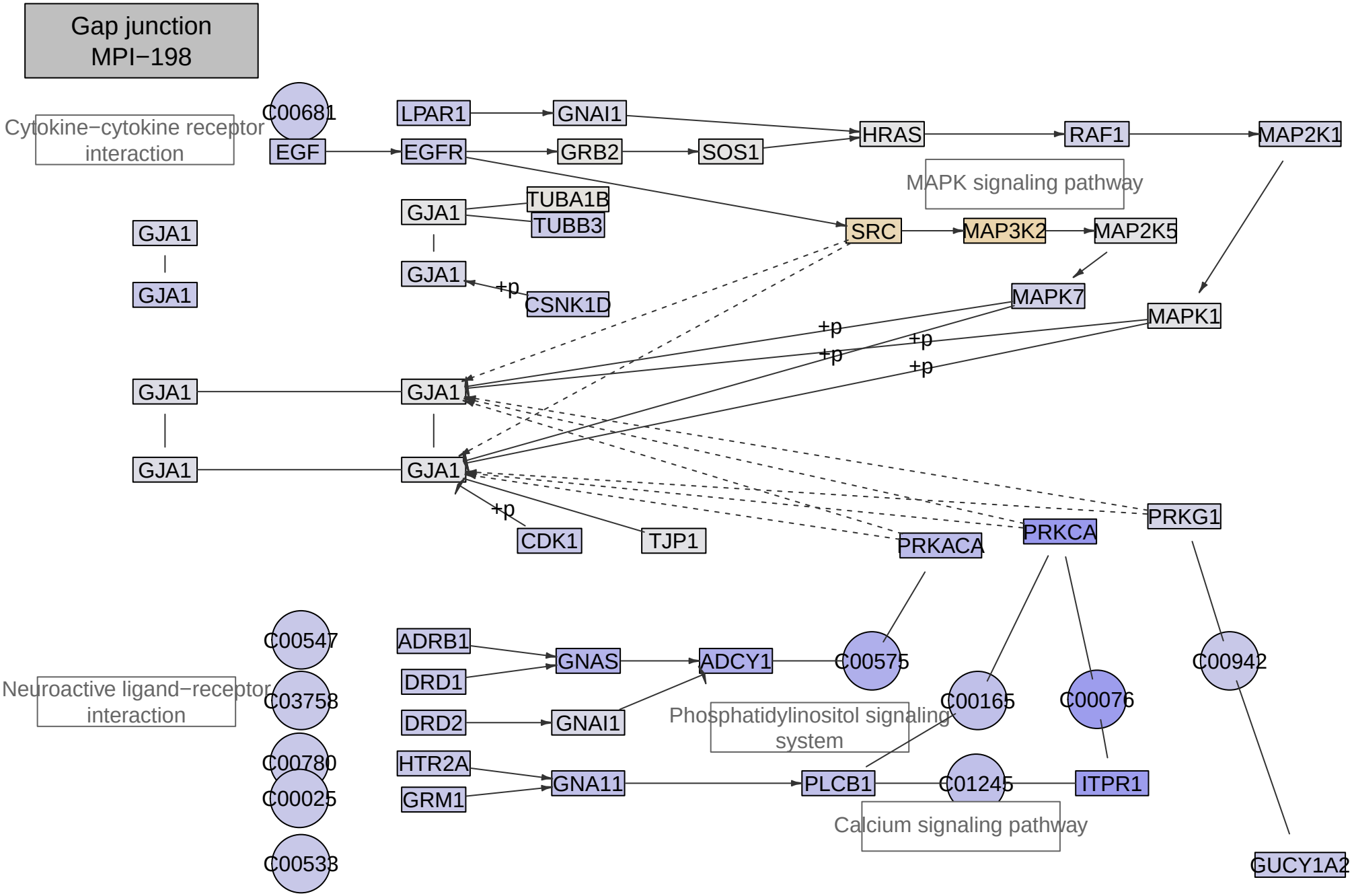

Gap junction
MPI−191
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

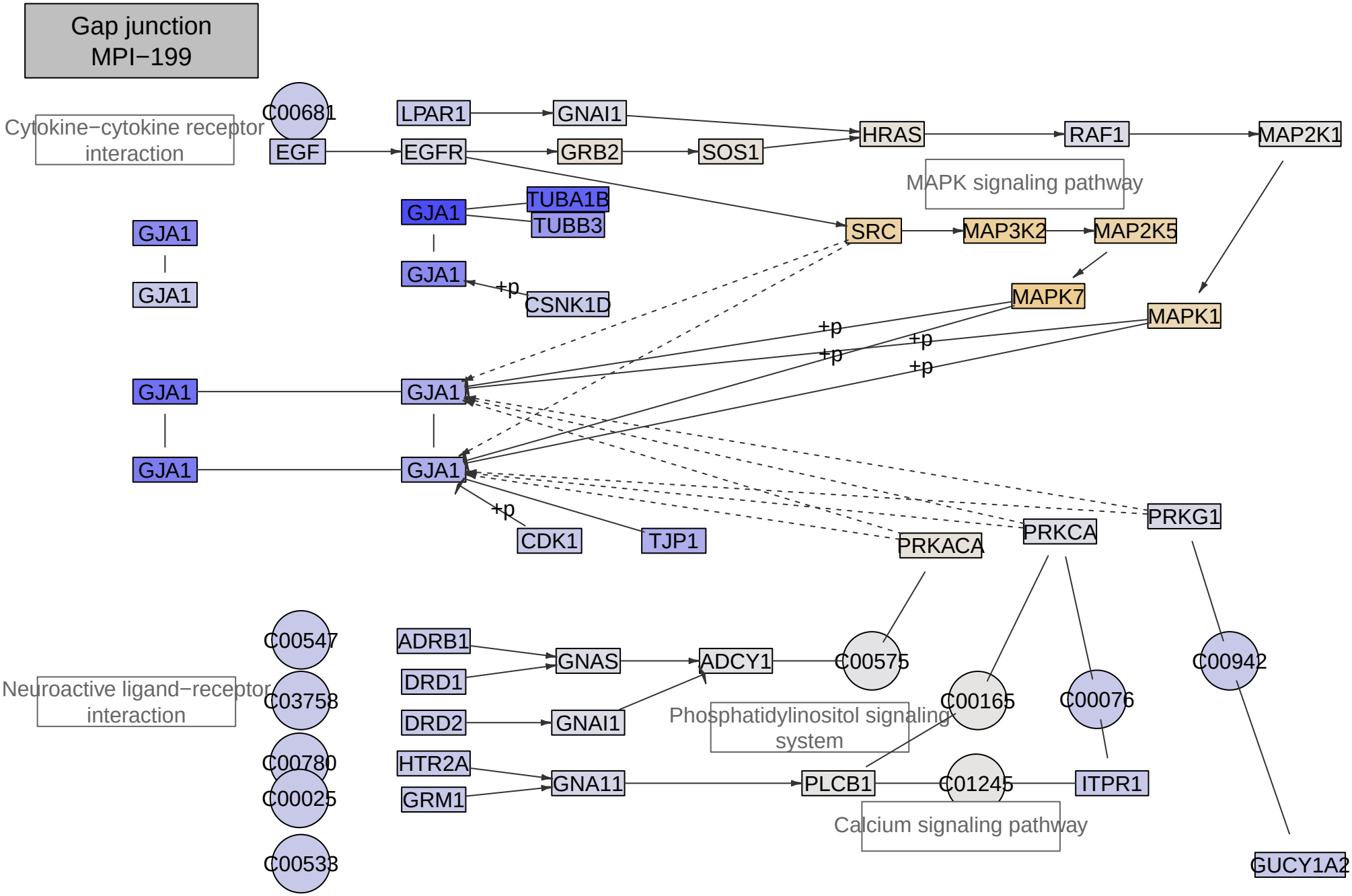

Gap junction
MPI−192
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

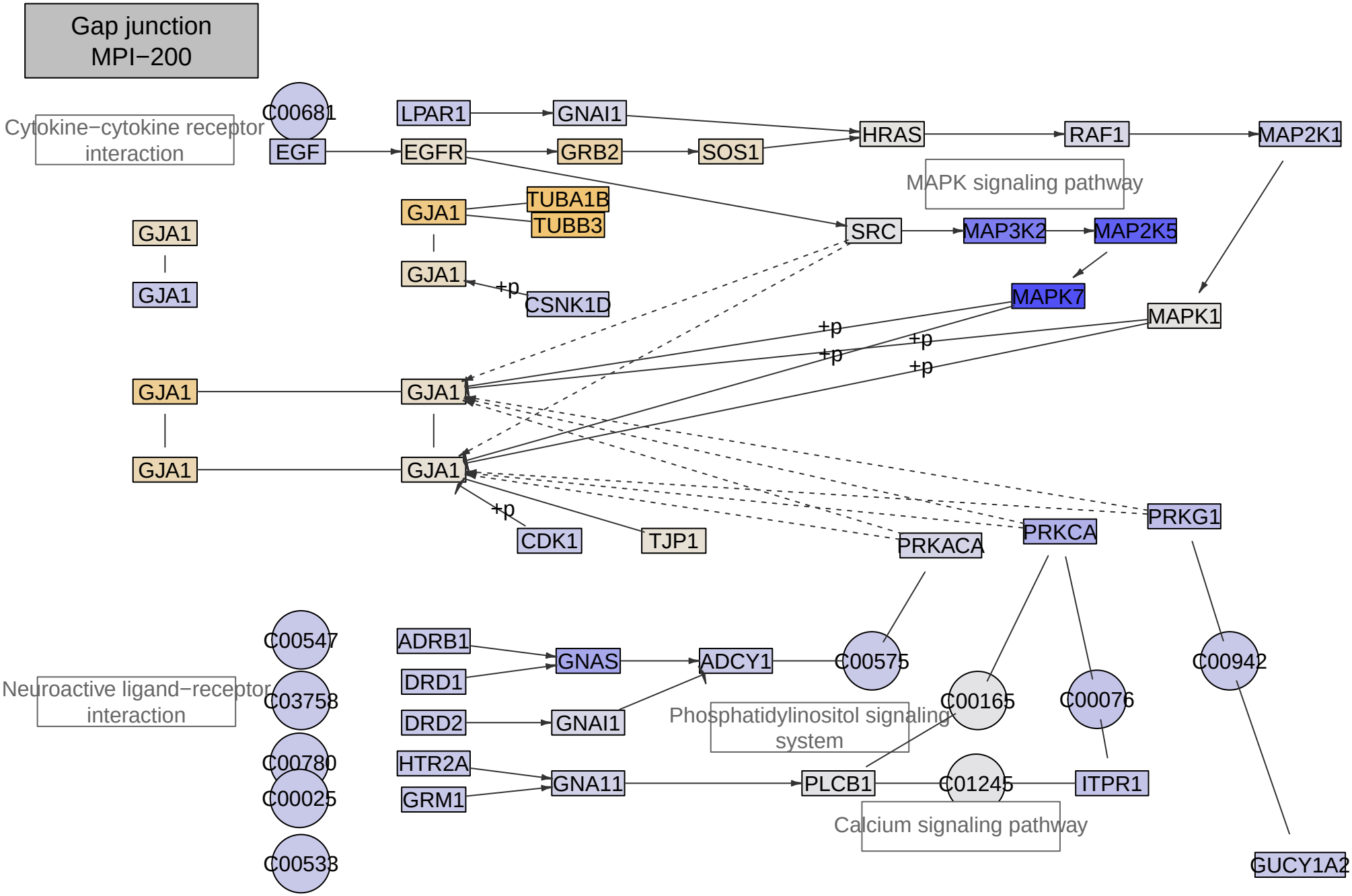

Gap junction
MPI−194
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

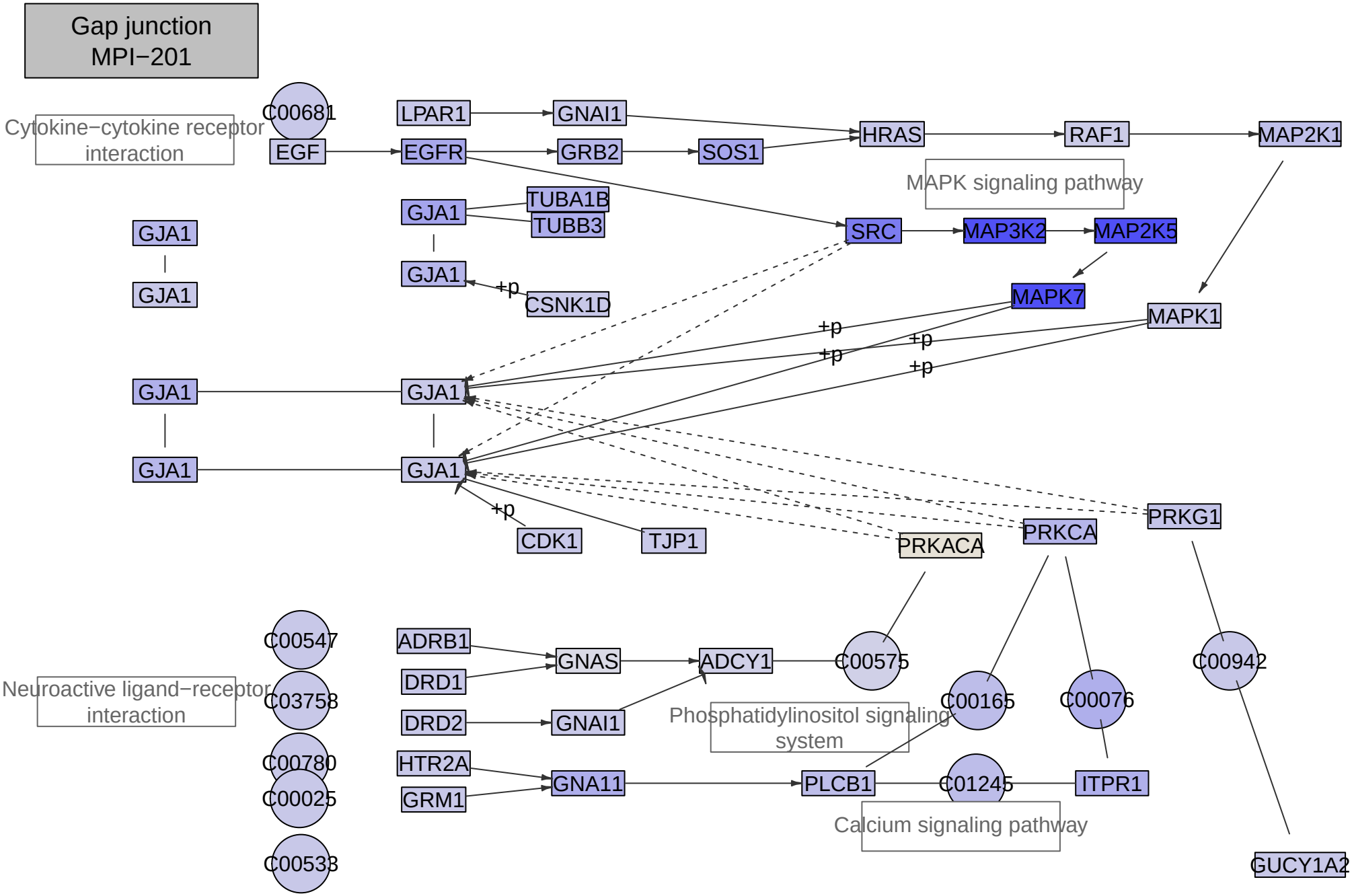

Gap junction
MPI−195
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

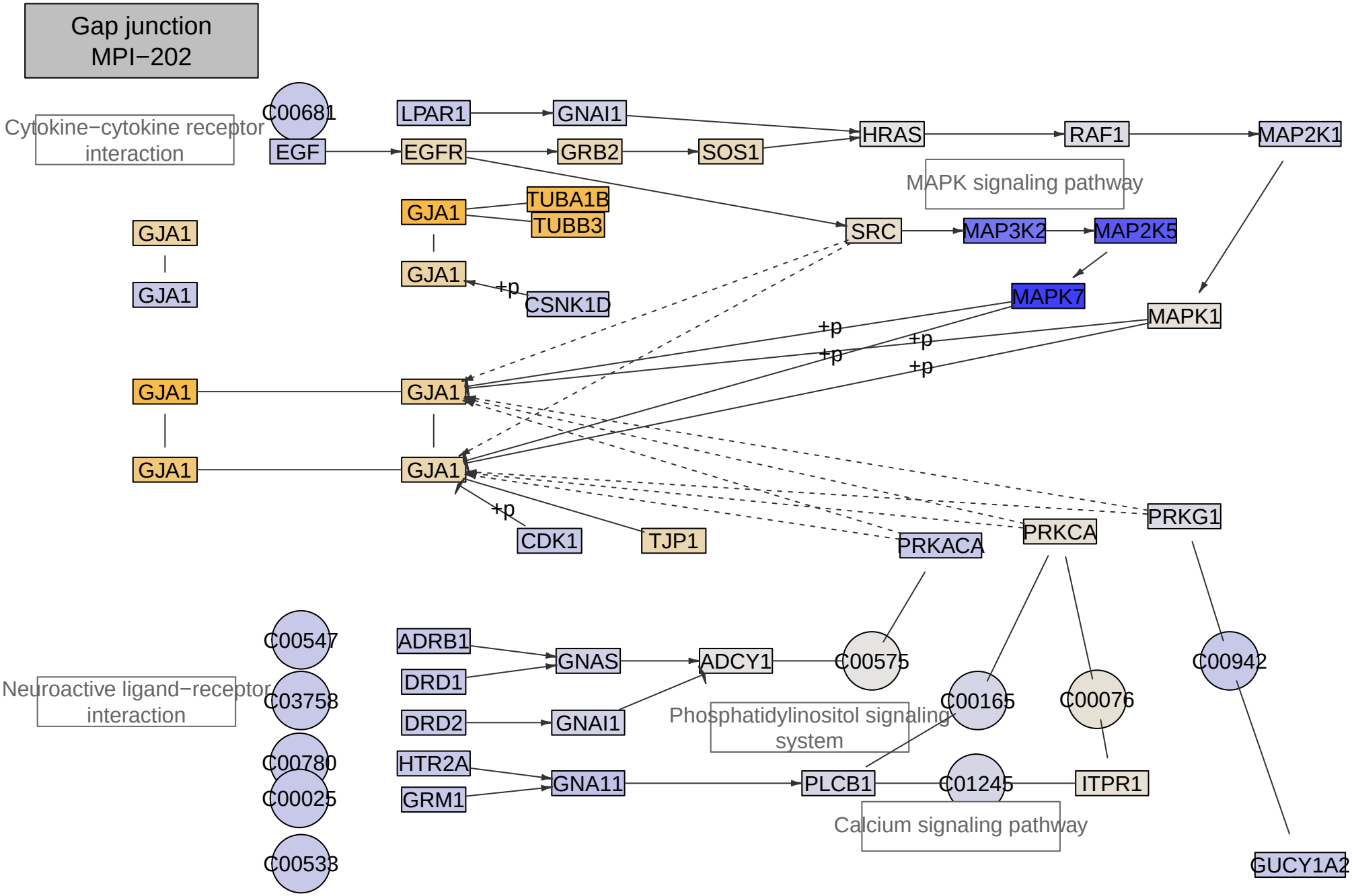

Gap junction
MPI−196
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

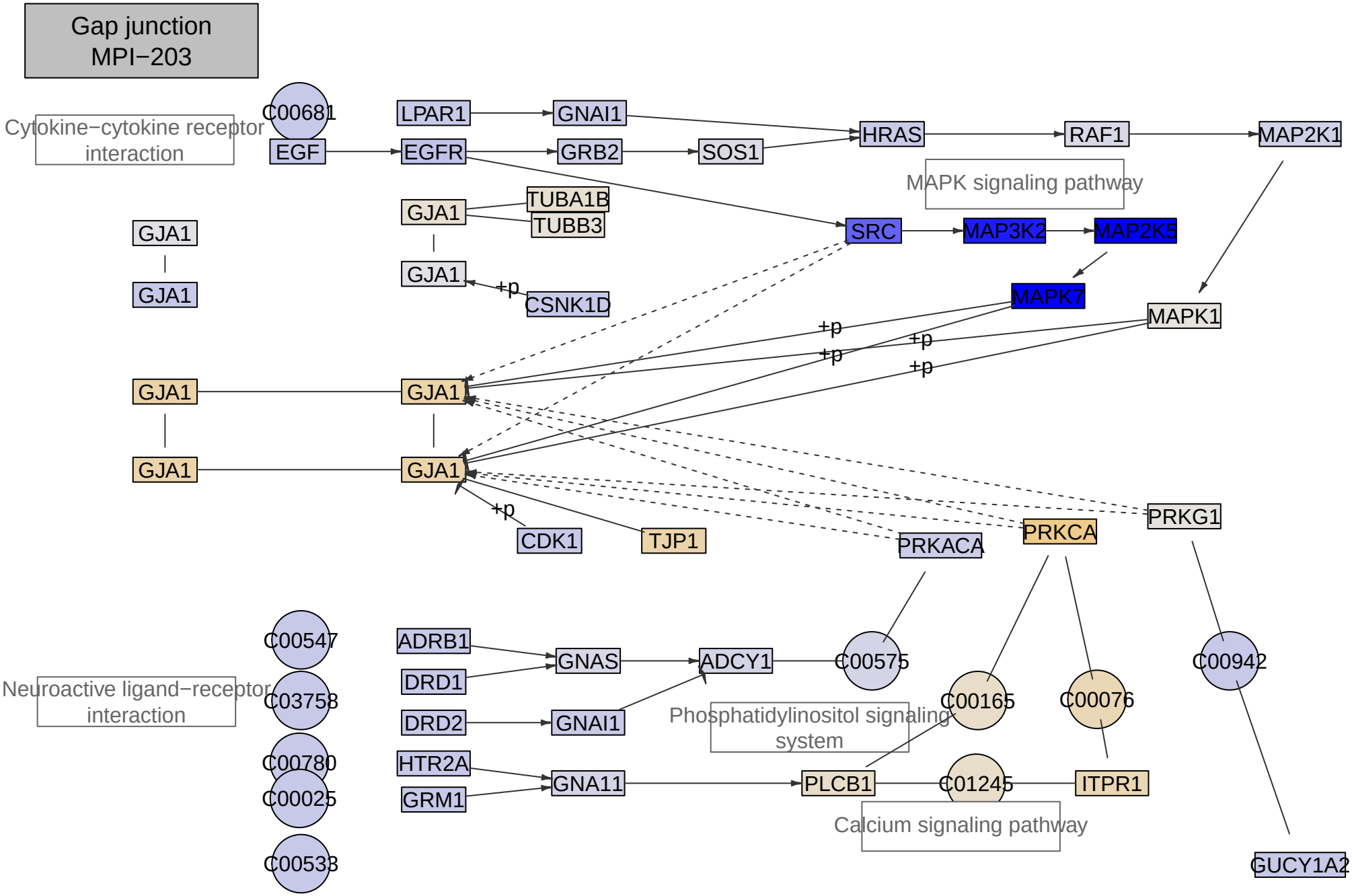

Gap junction
MPI−198
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

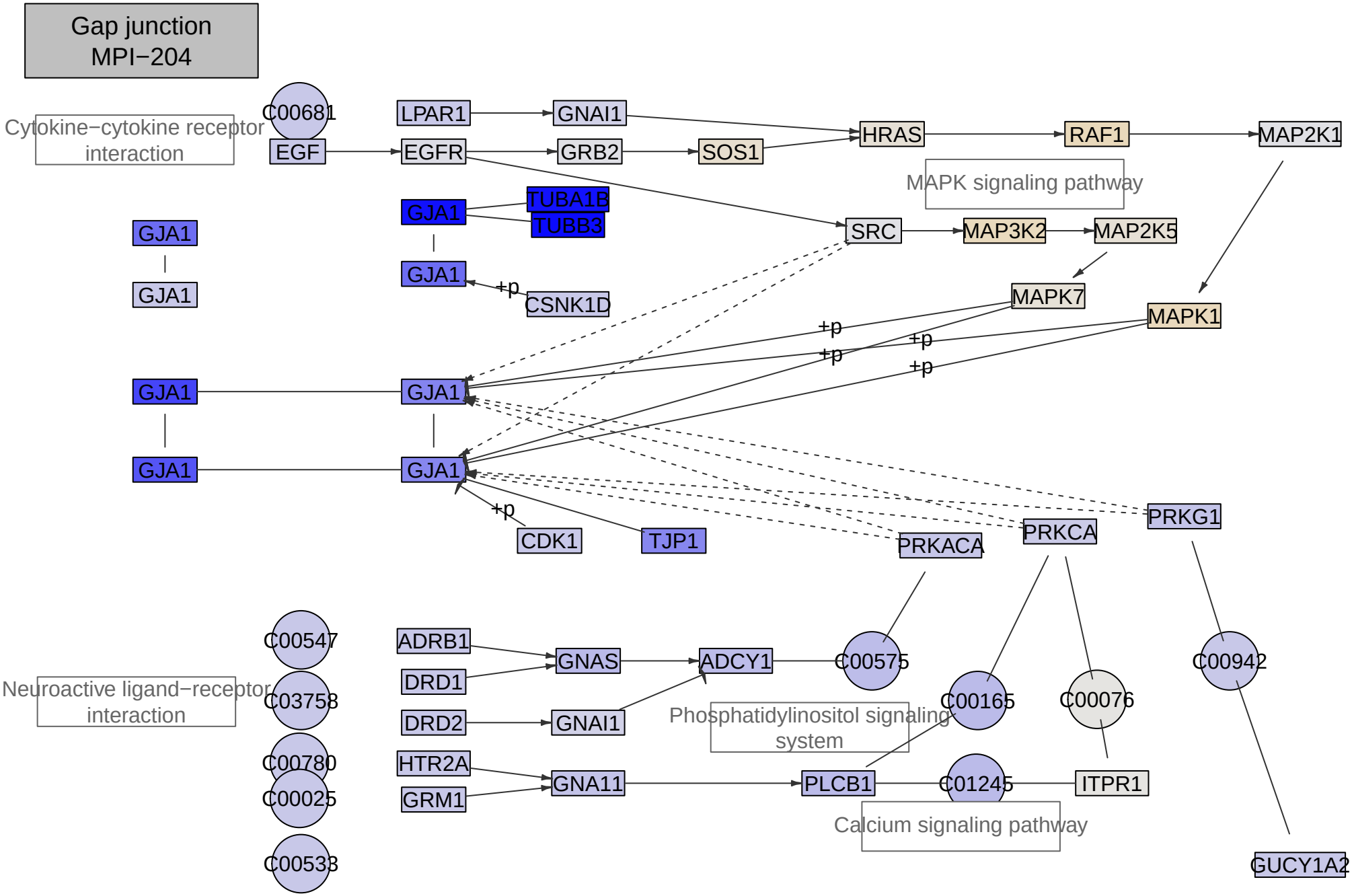

Gap junction
MPI−199
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

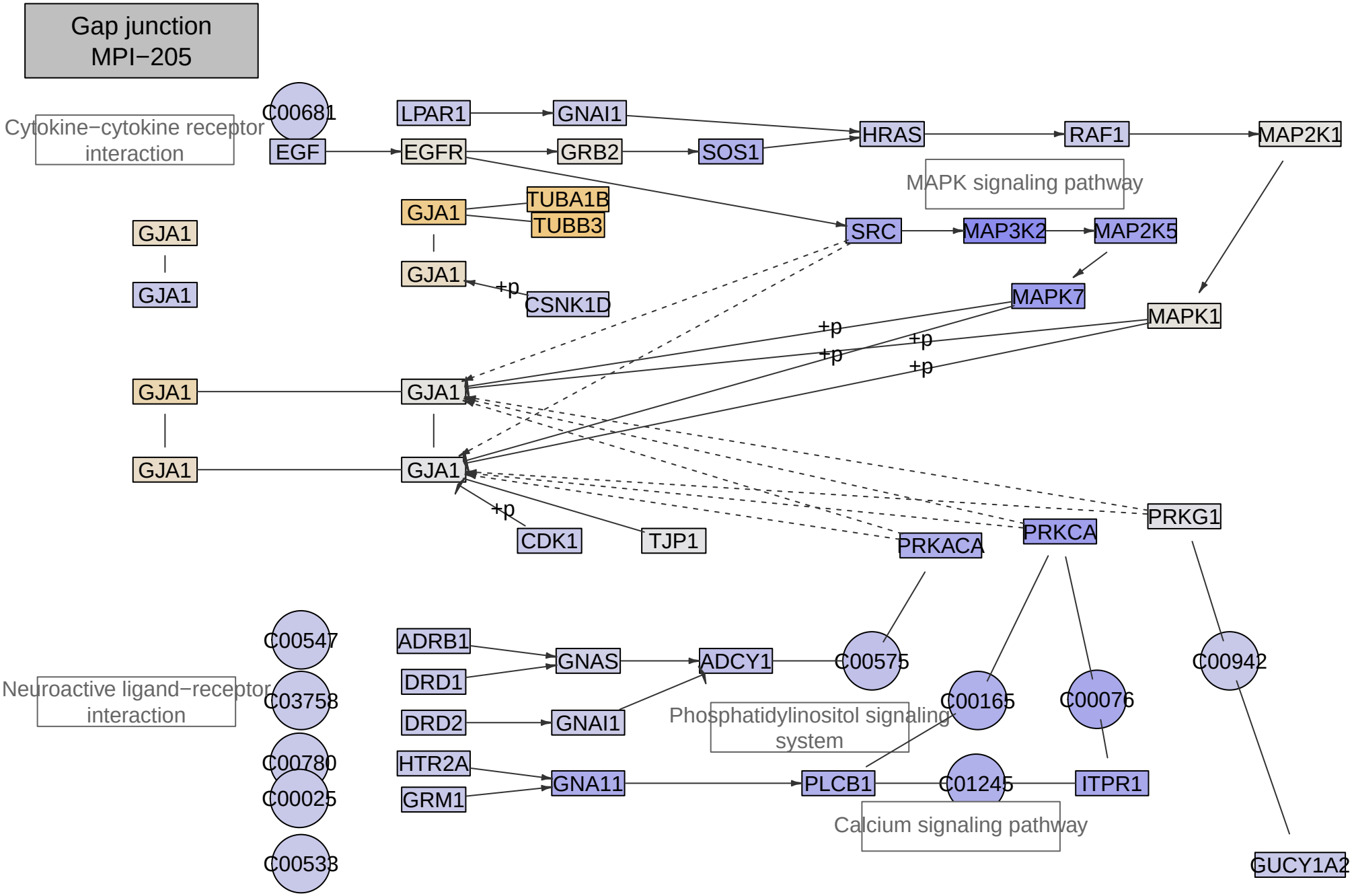

Gap junction
MPI−200
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

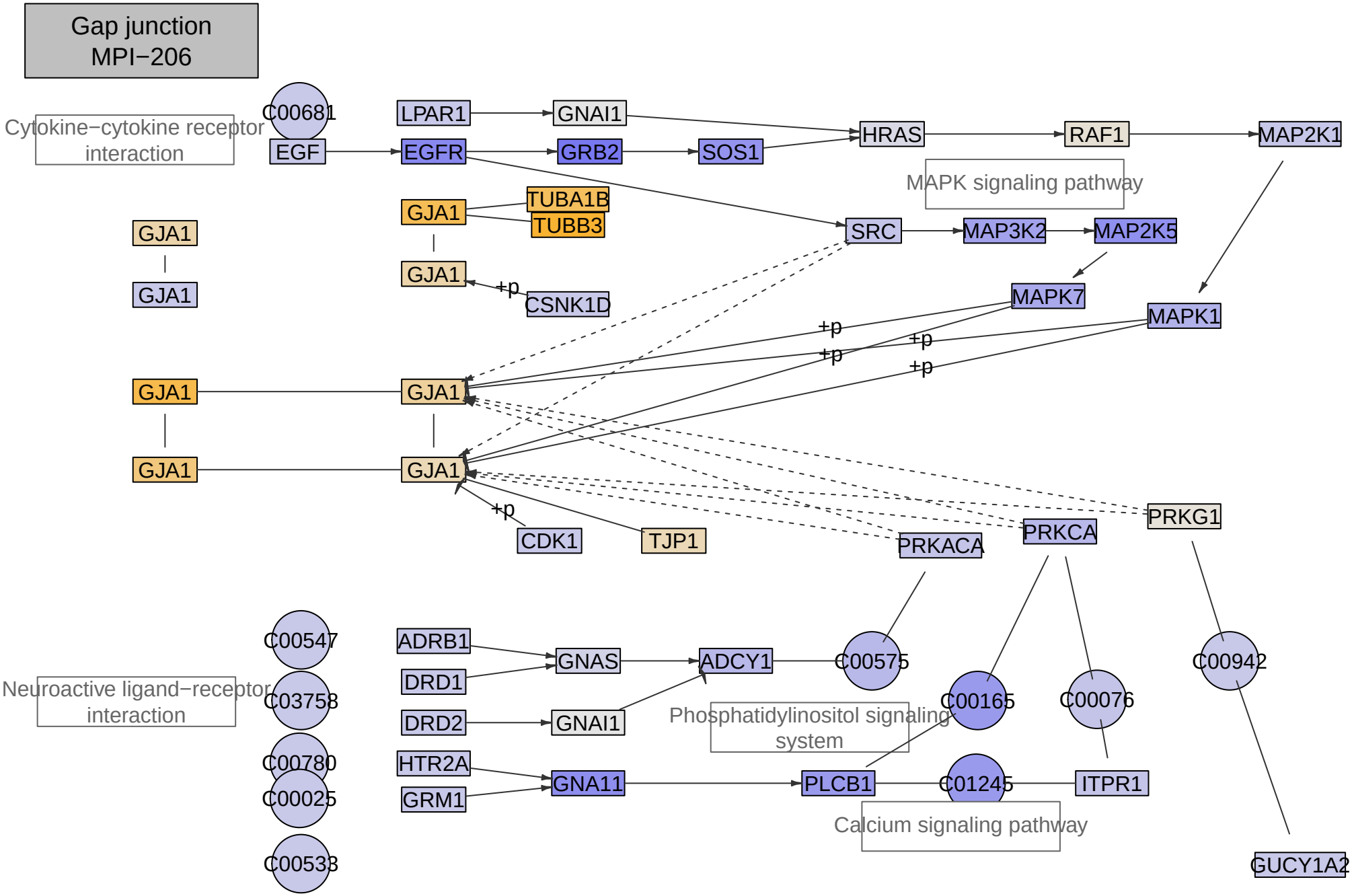

Gap junction
MPI−201
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

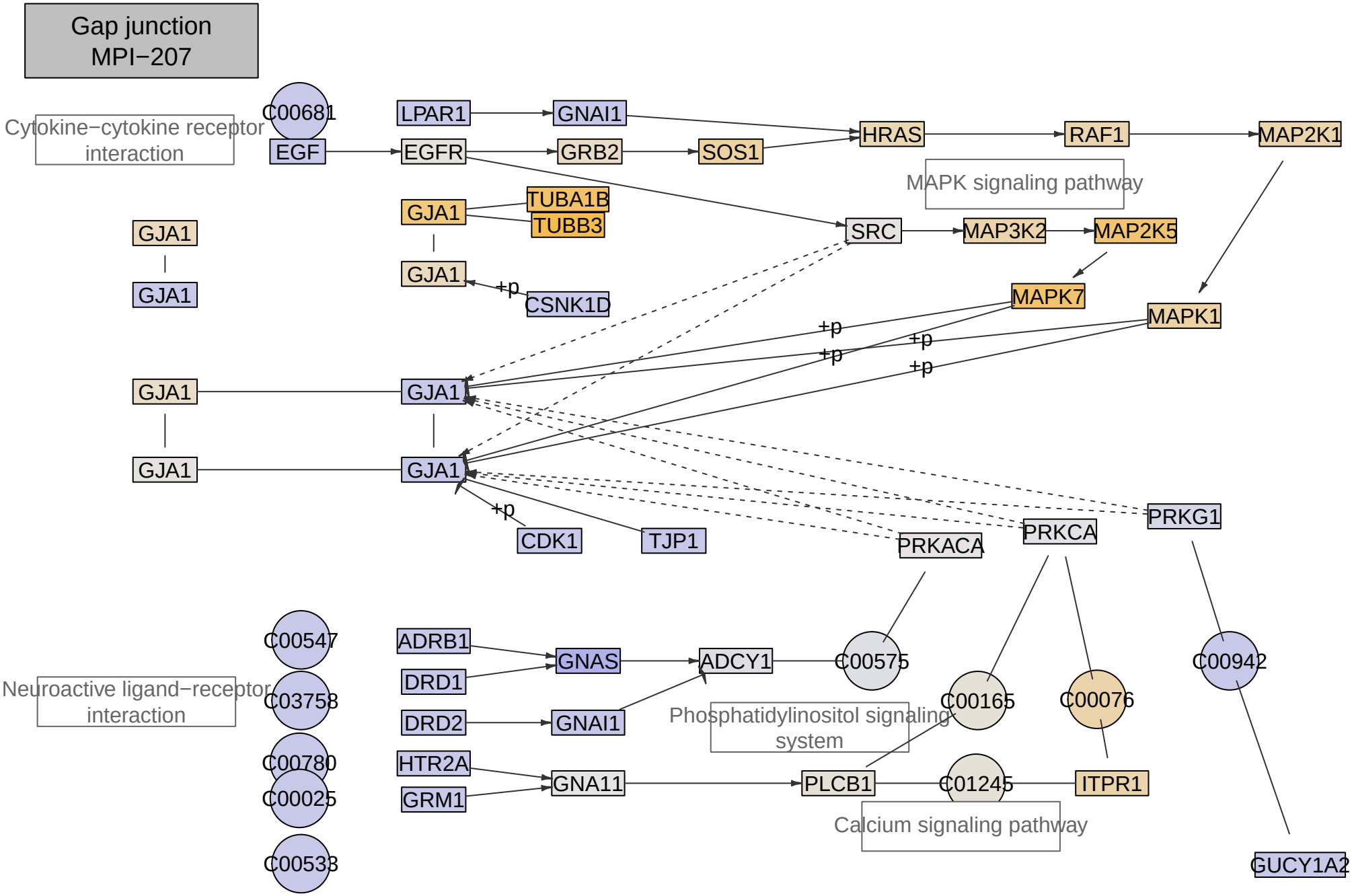

Gap junction
MPI−202
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

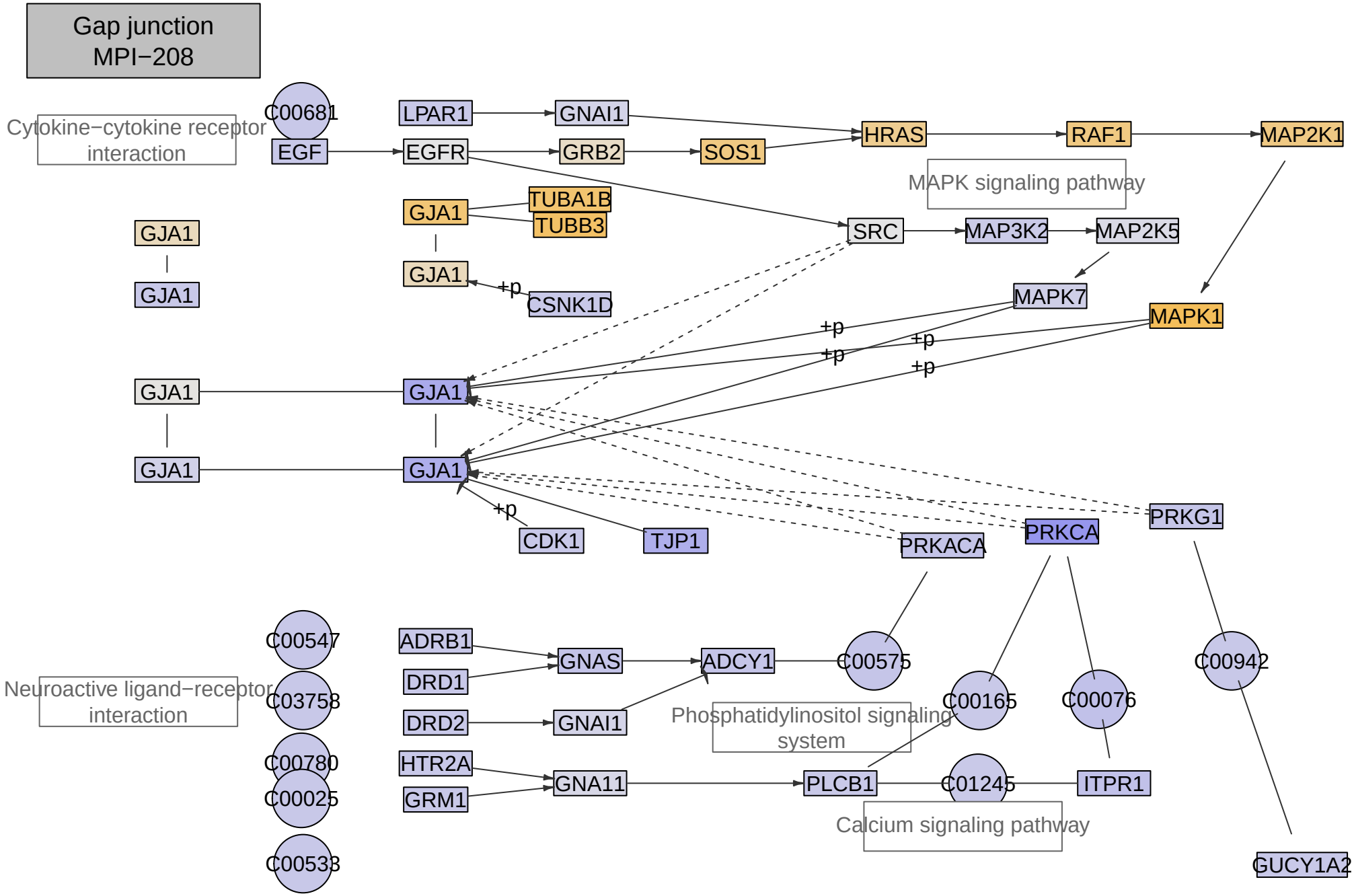

Gap junction
MPI−203
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKACA
PRKCA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

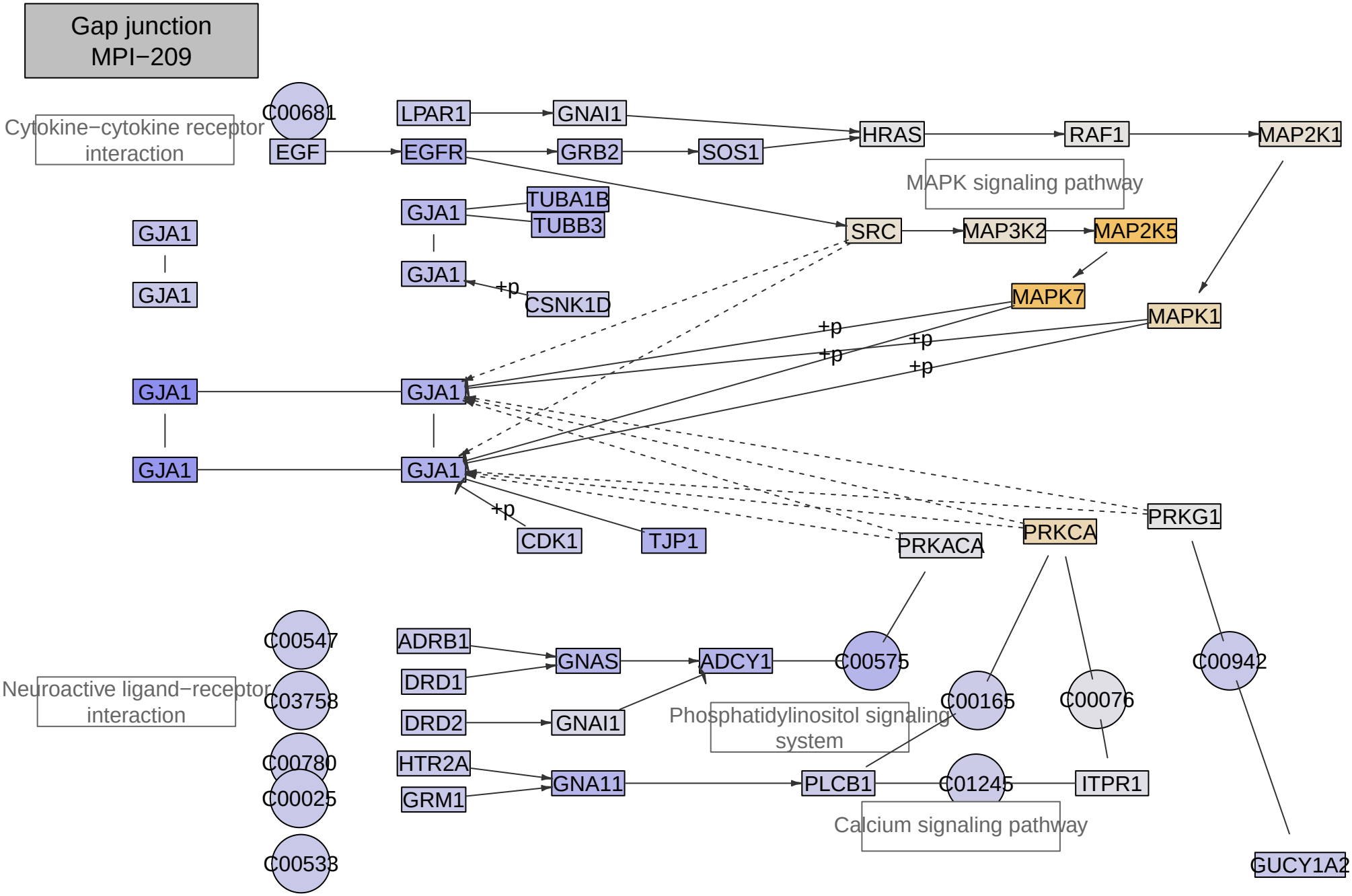

Gap junction
MPI−204
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

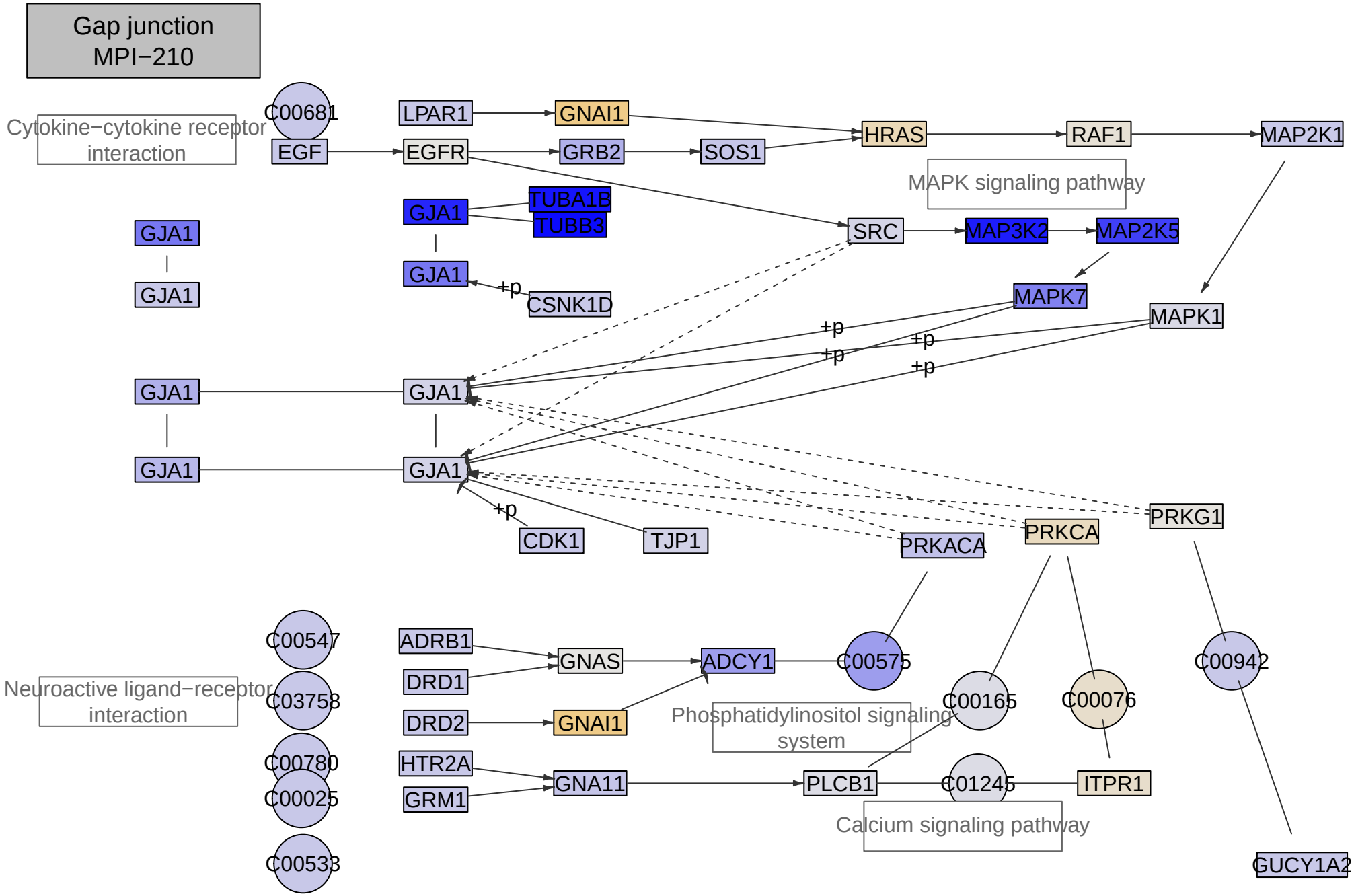

Gap junction
MPI−205
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

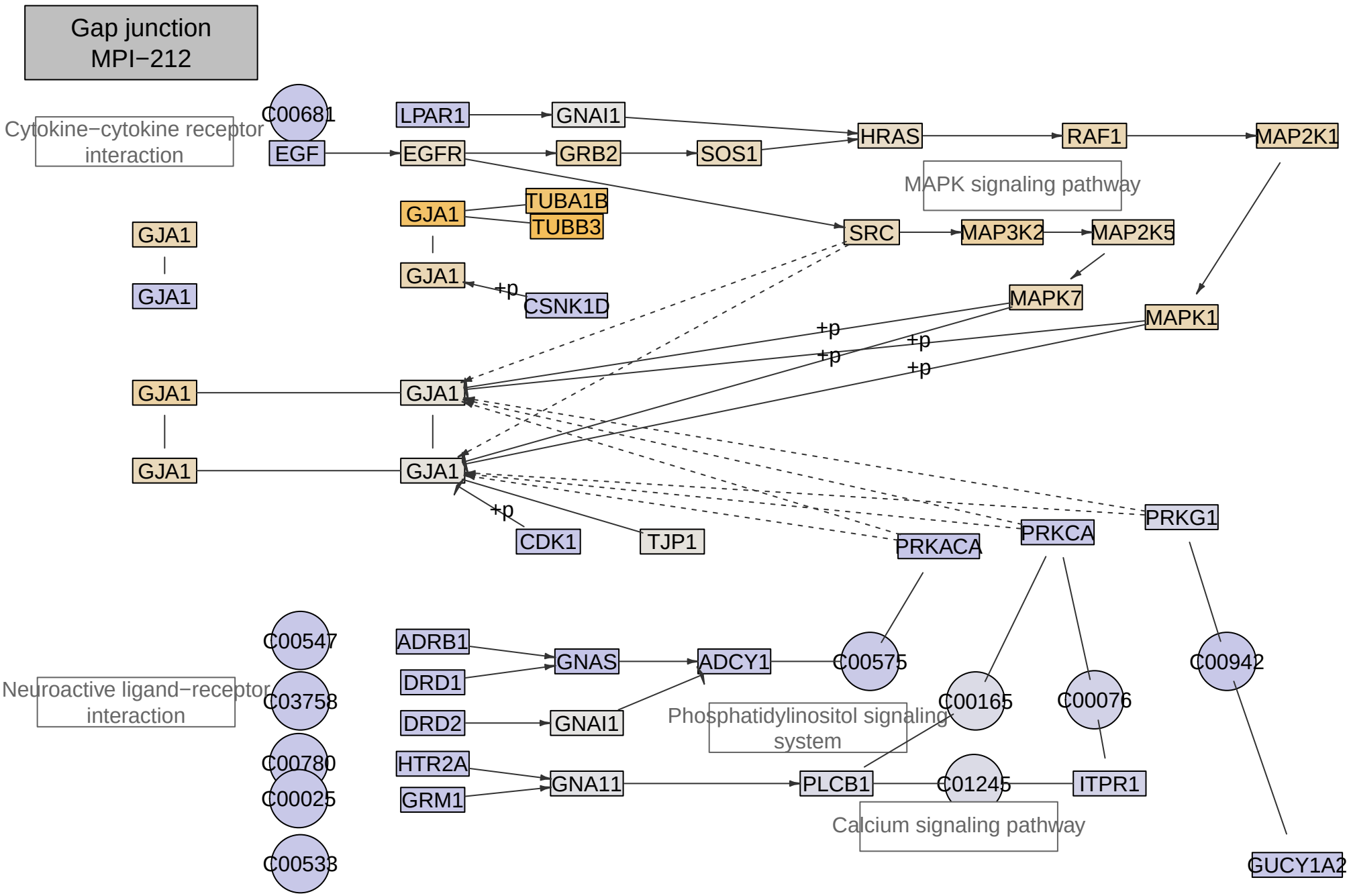

Gap junction
MPI−206
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

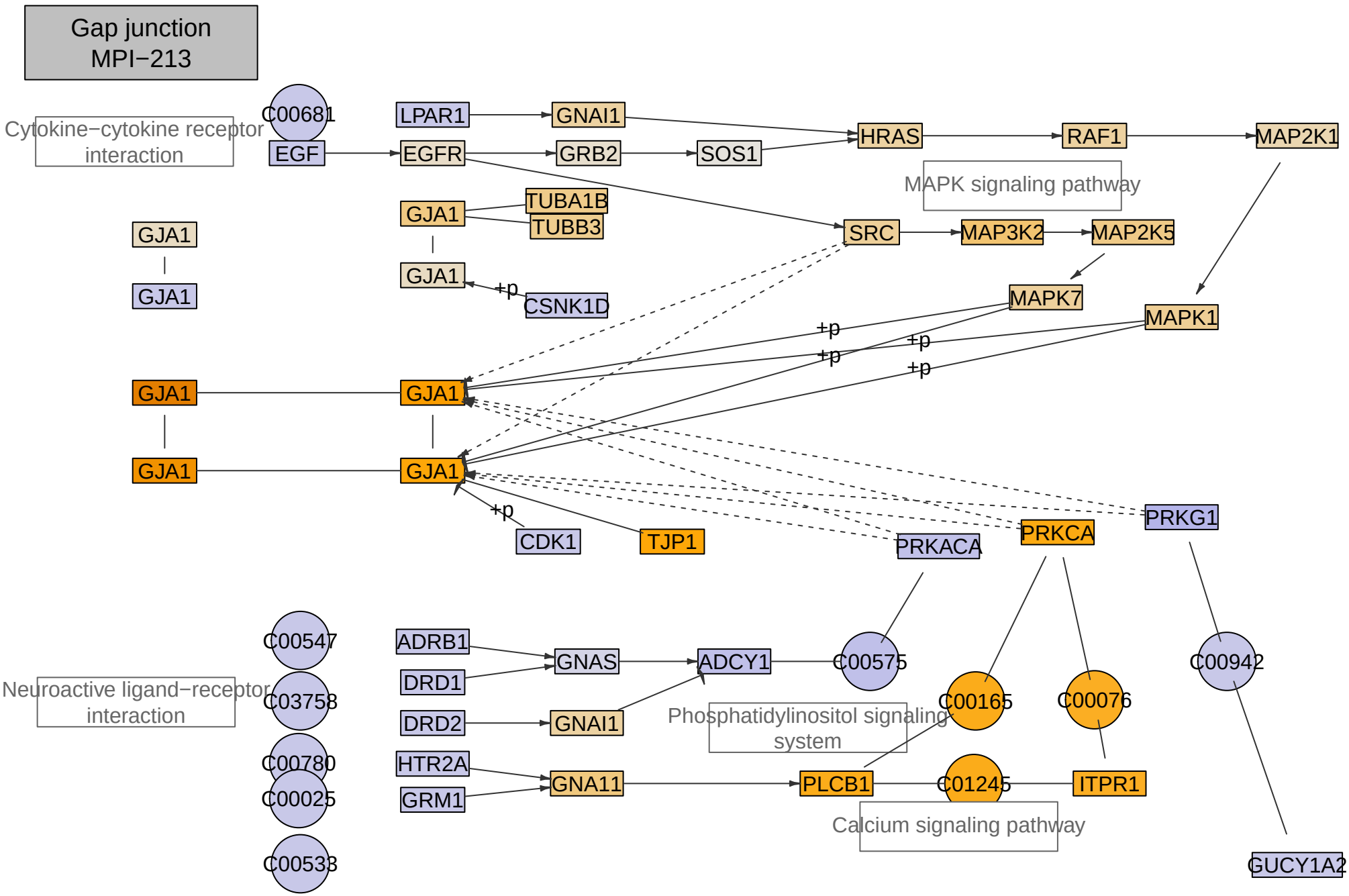

Gap junction
MPI−207
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

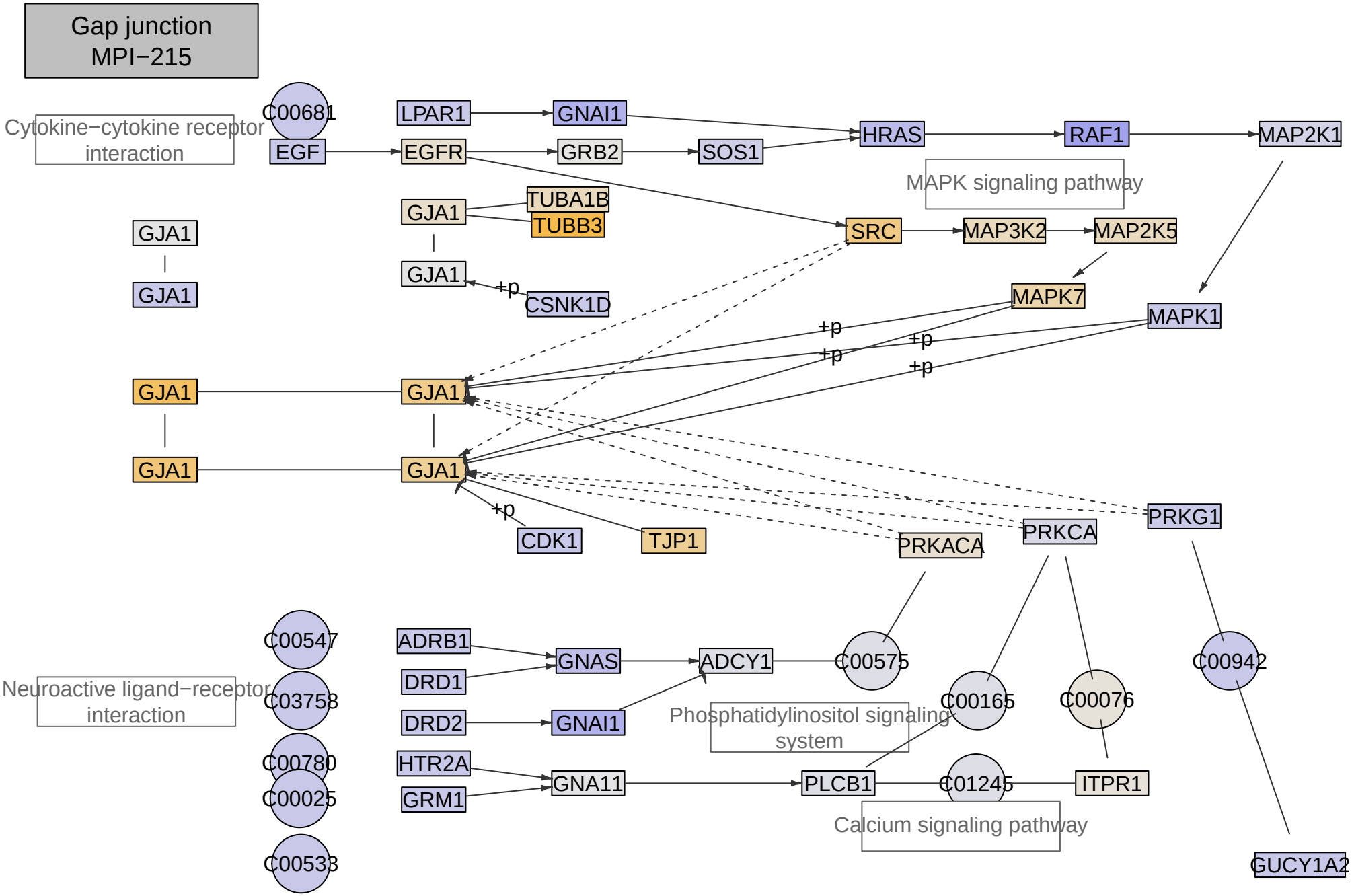

Gap junction
MPI−208
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

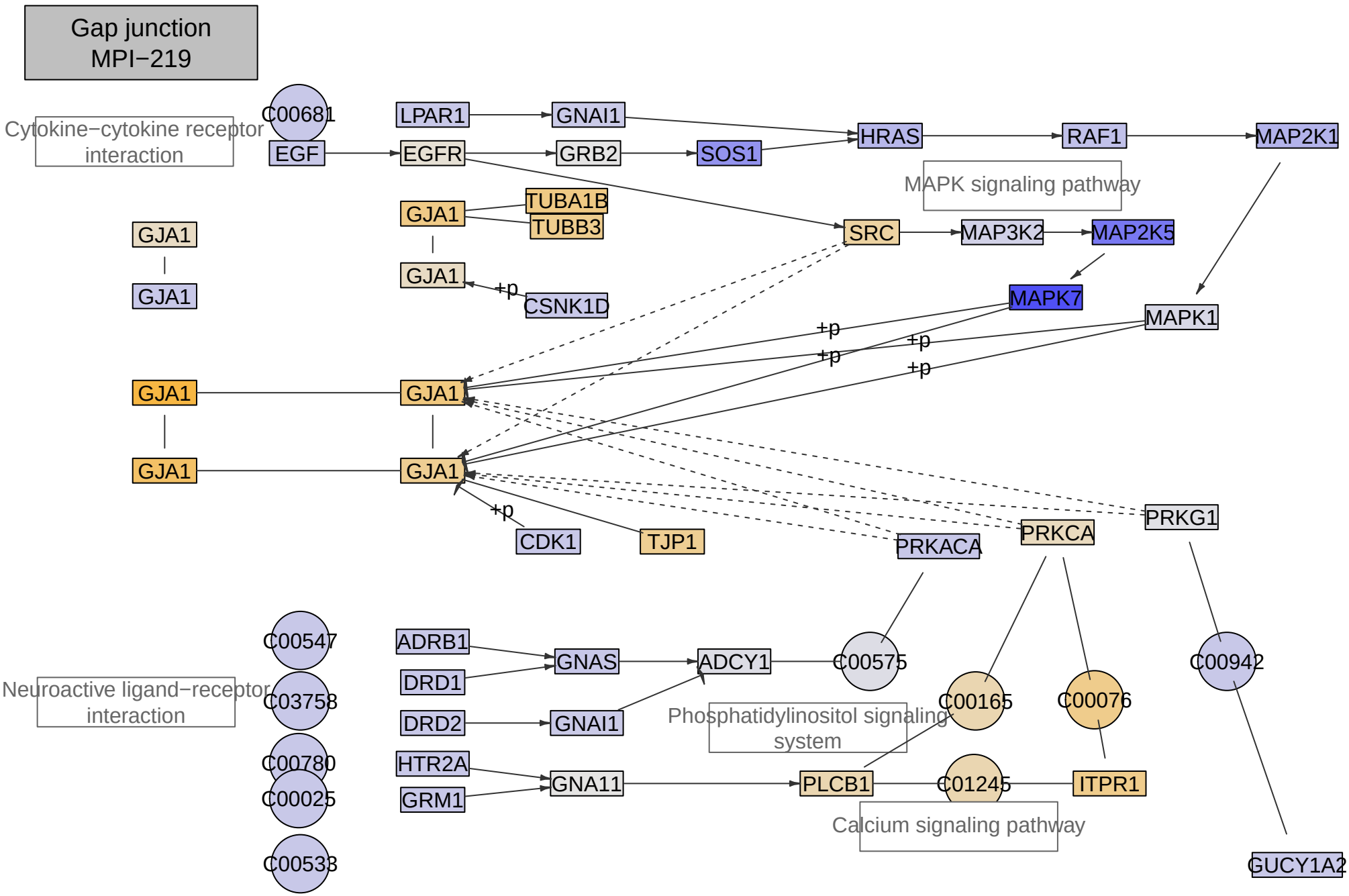

Gap junction
MPI−209
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

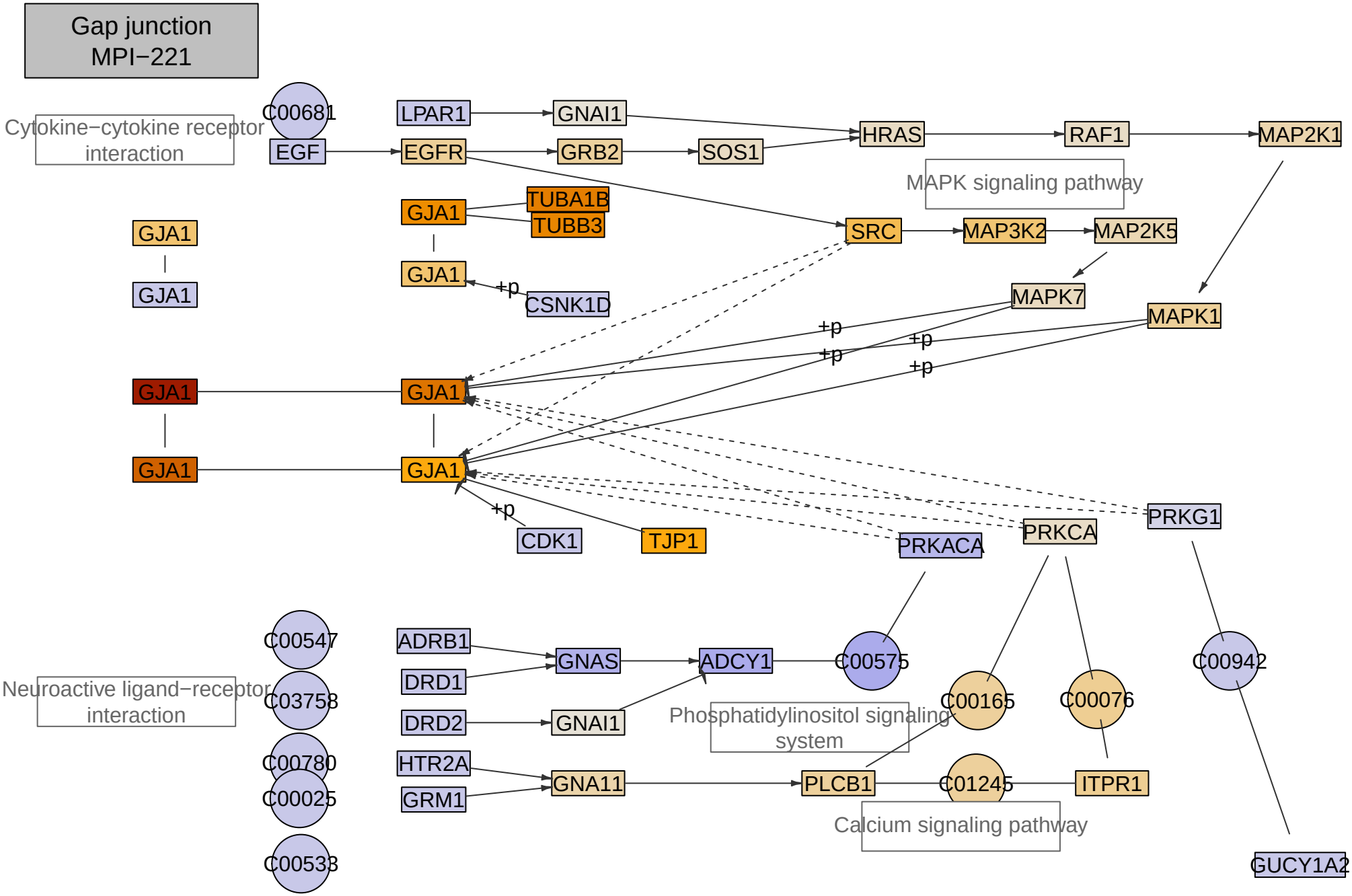

Gap junction
MPI−210
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

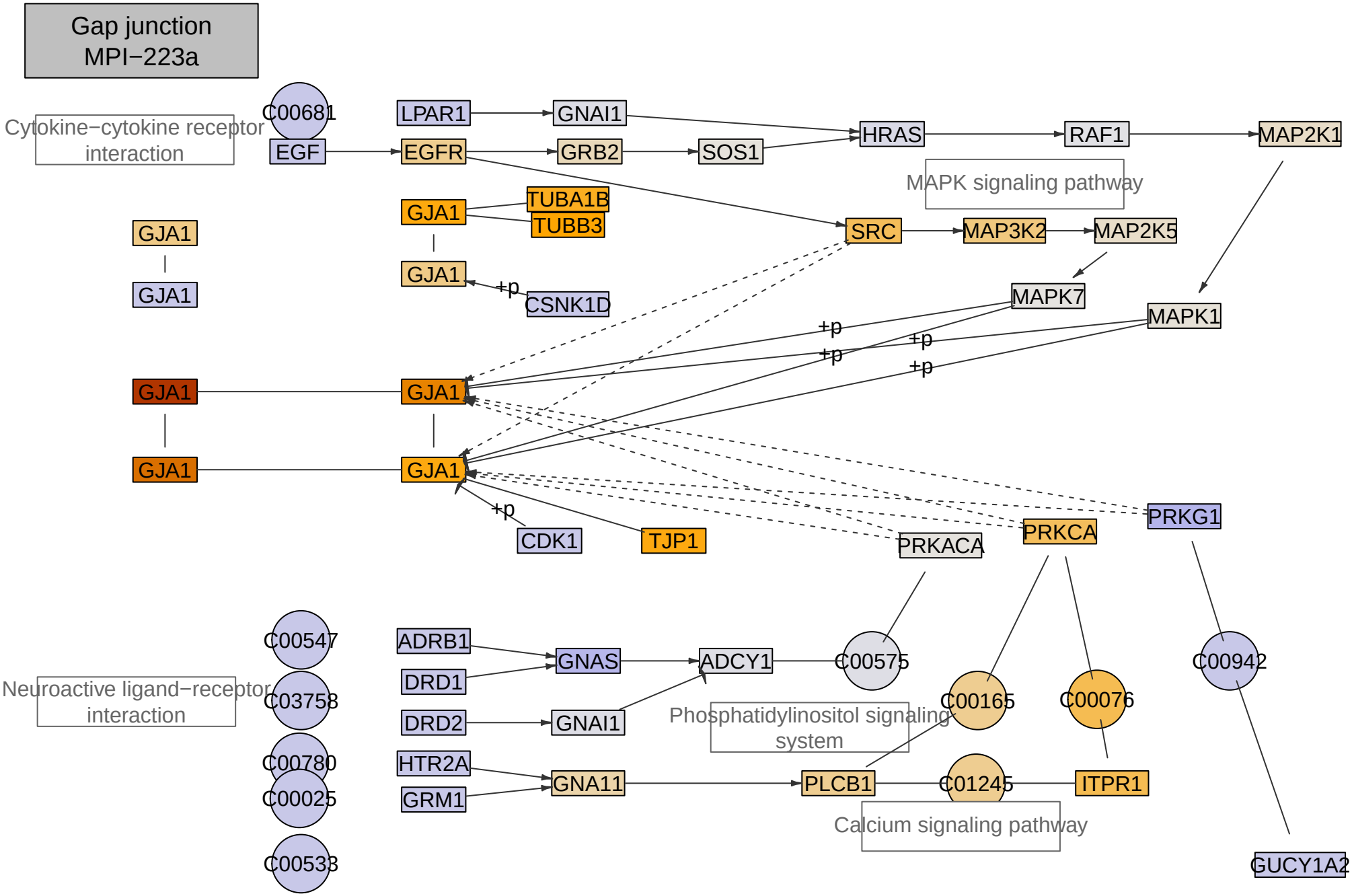

Gap junction
MPI−212
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

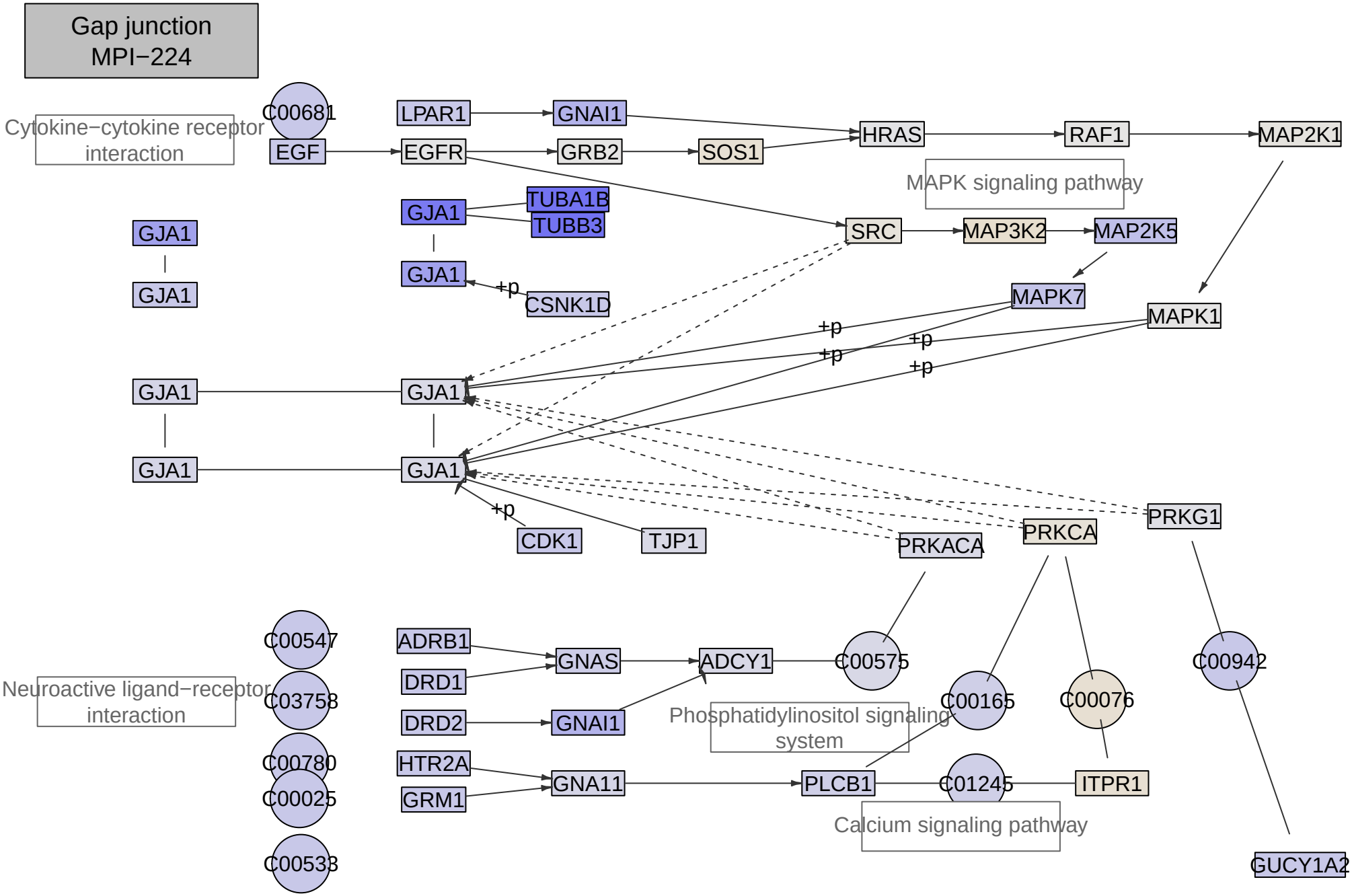

Gap junction
MPI−213
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

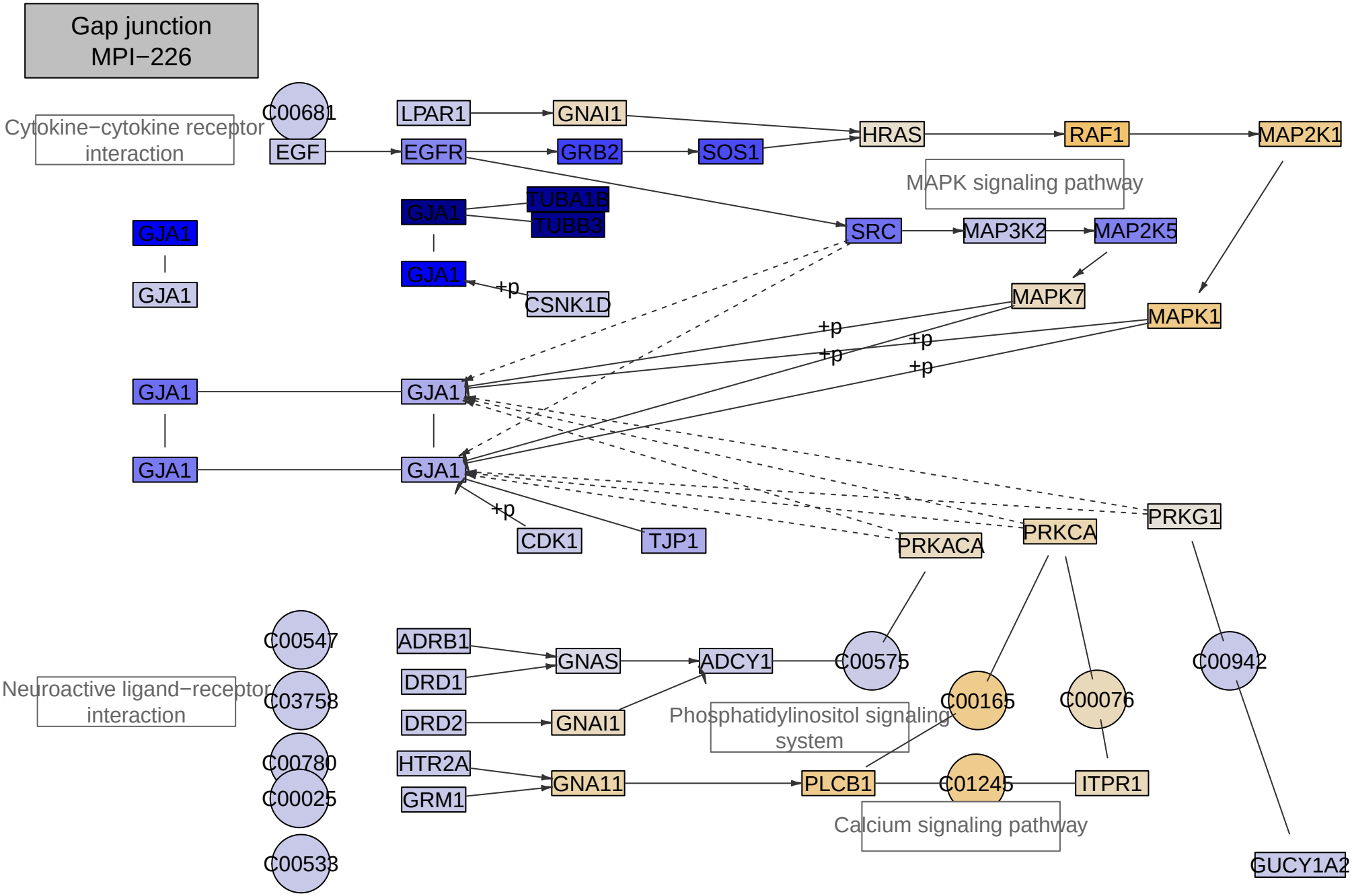

Gap junction
MPI−215
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

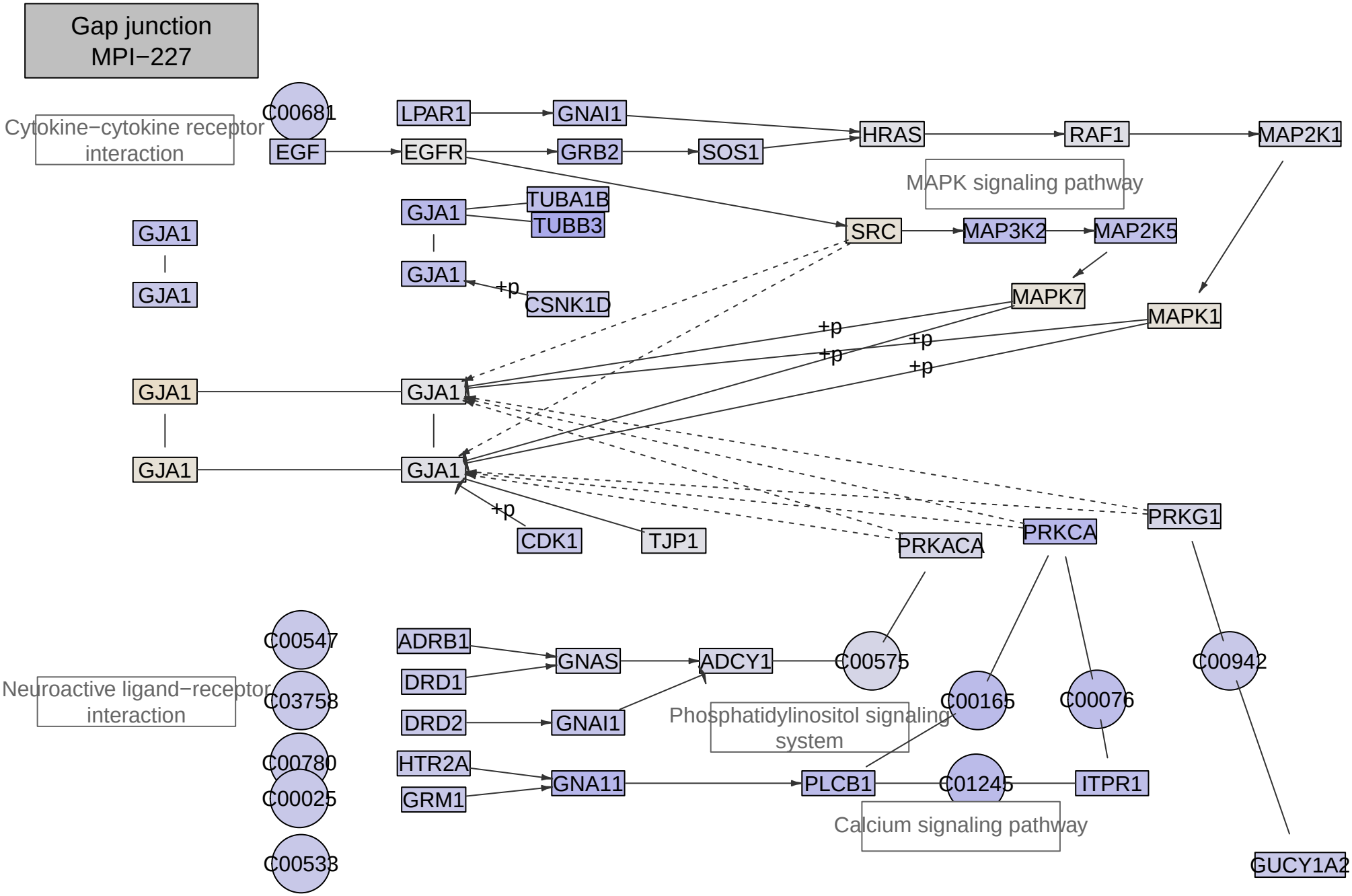

Gap junction
MPI−219
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

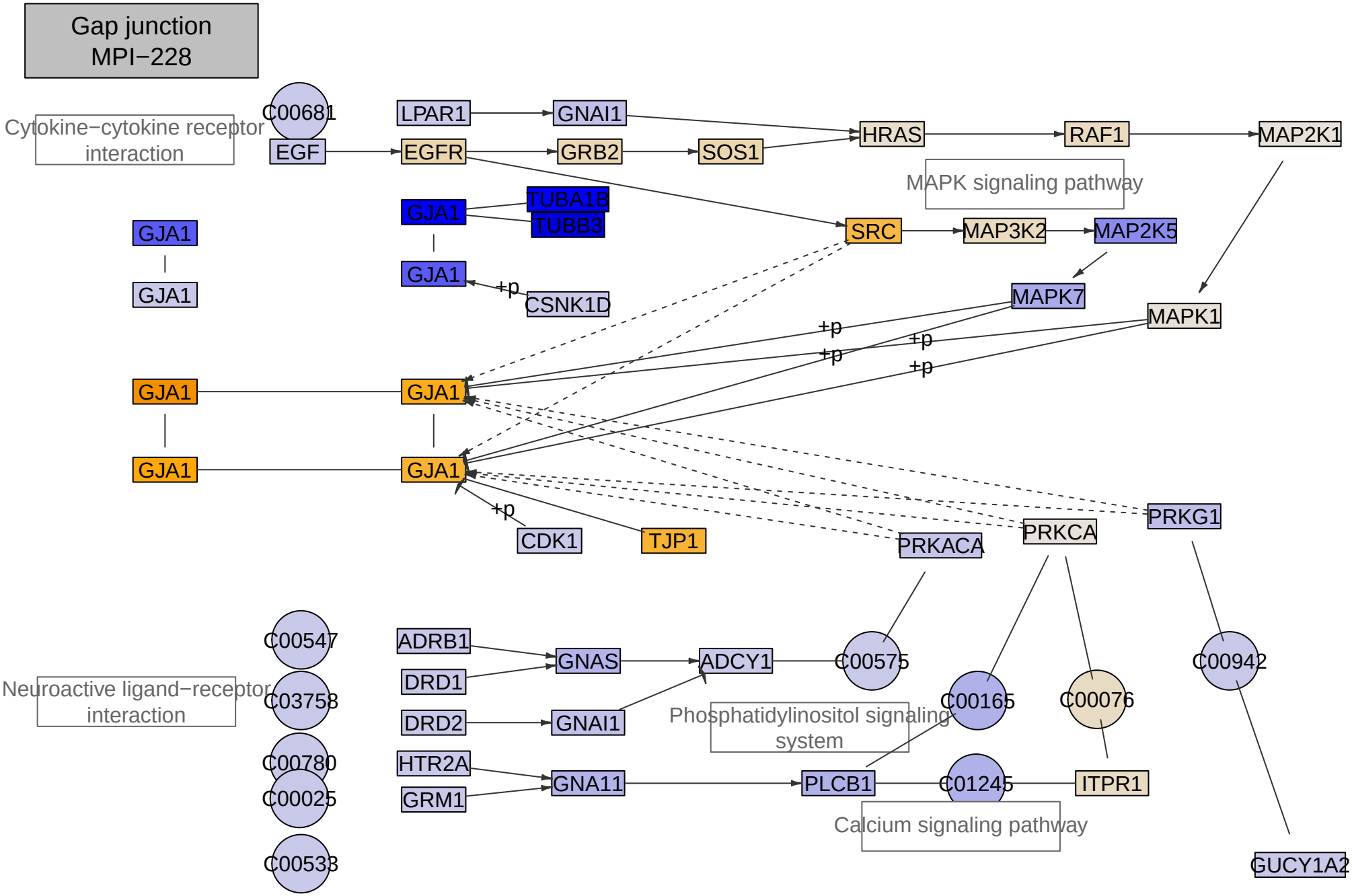

Gap junction
MPI−221
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

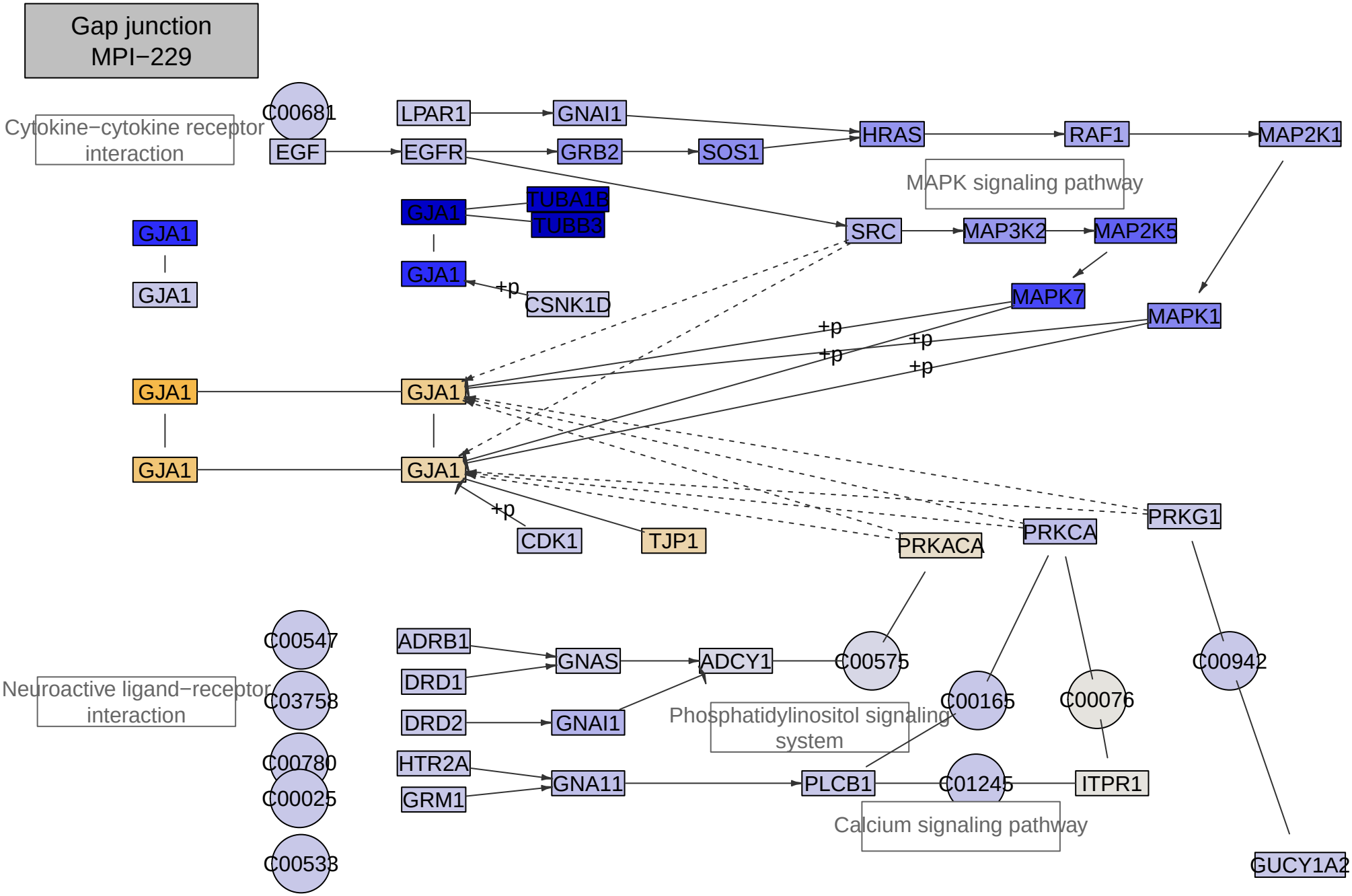

Gap junction
MPI−223a
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

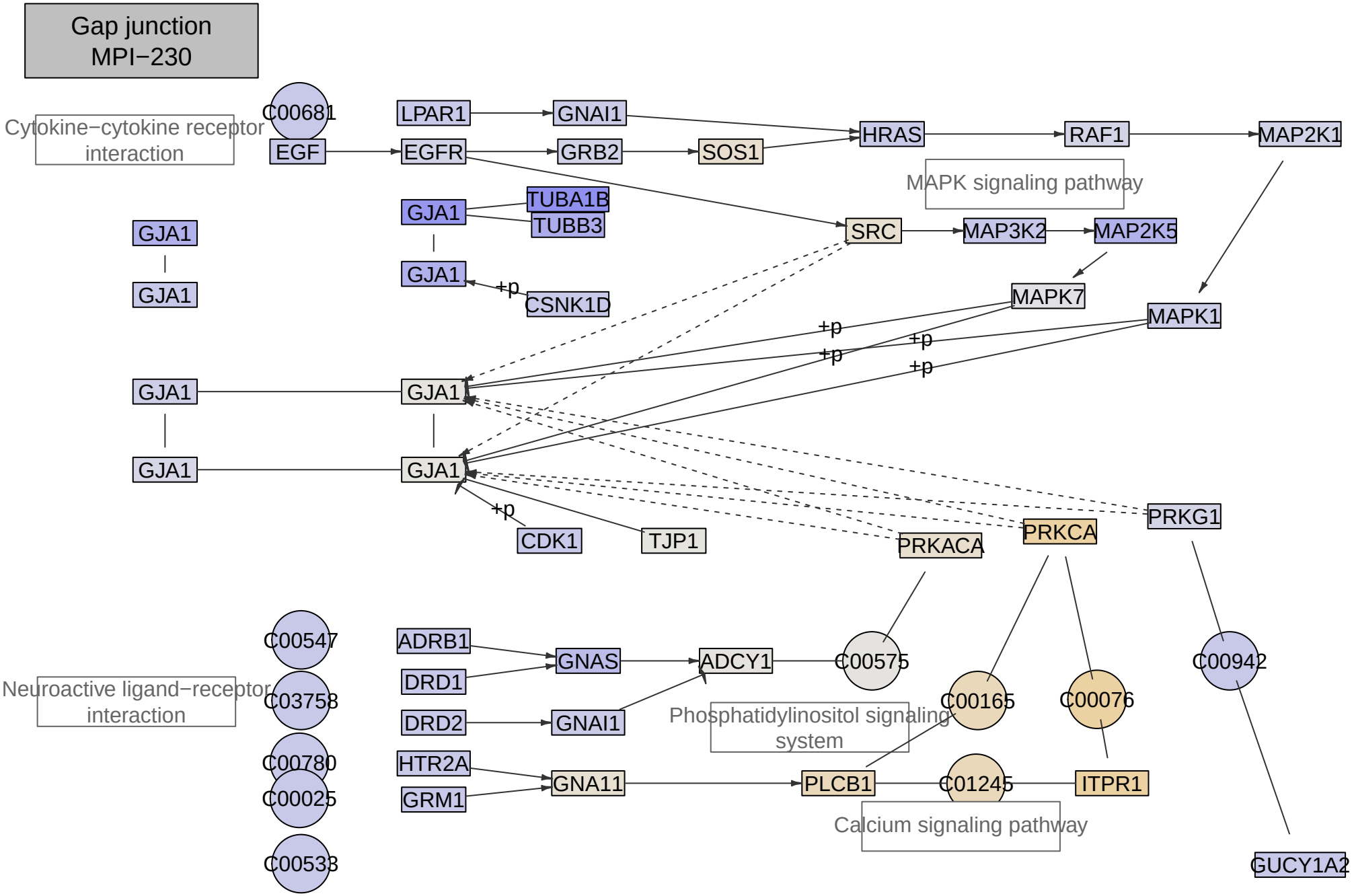

Gap junction
MPI−224
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

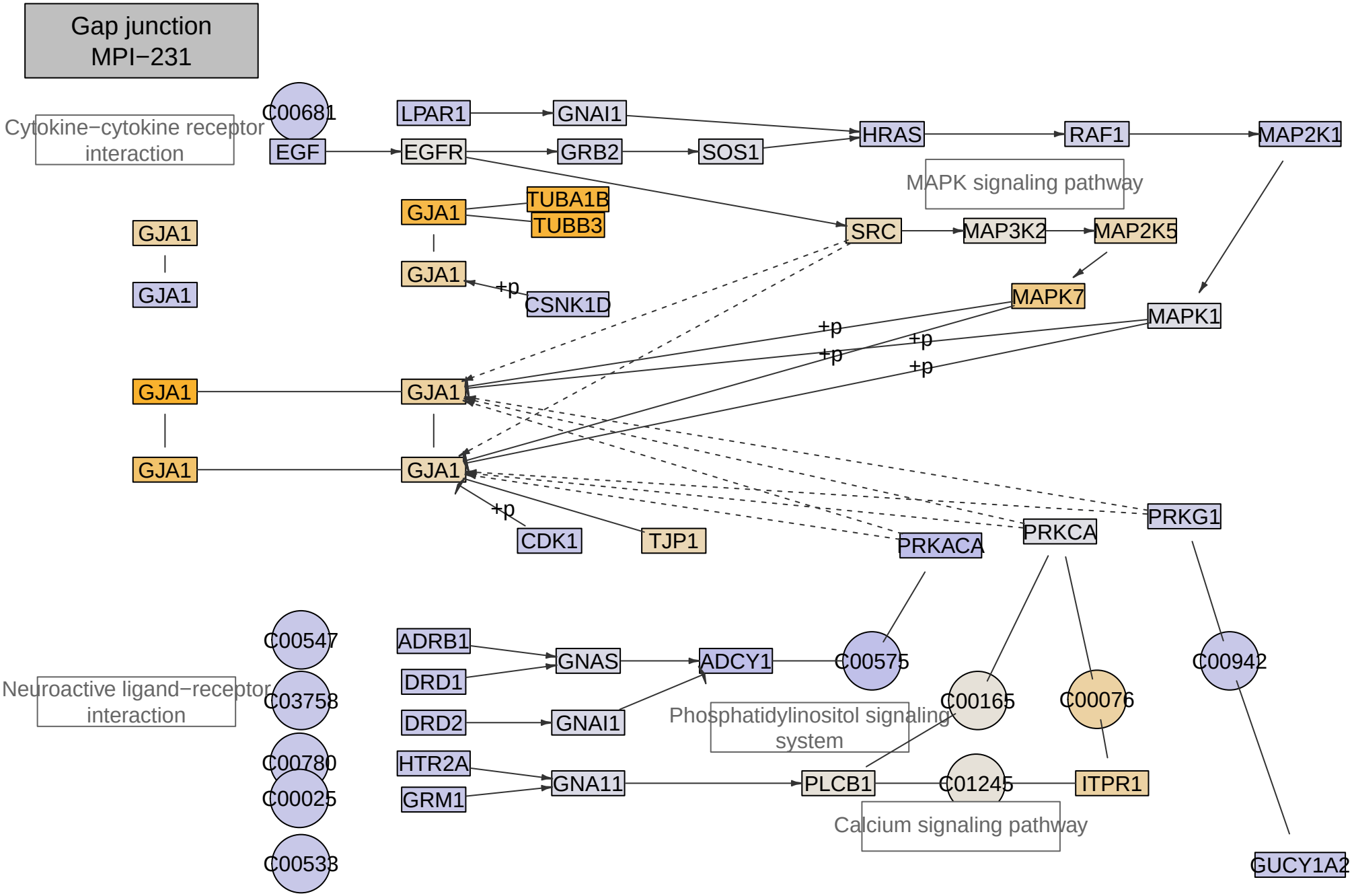

Gap junction
MPI−226
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

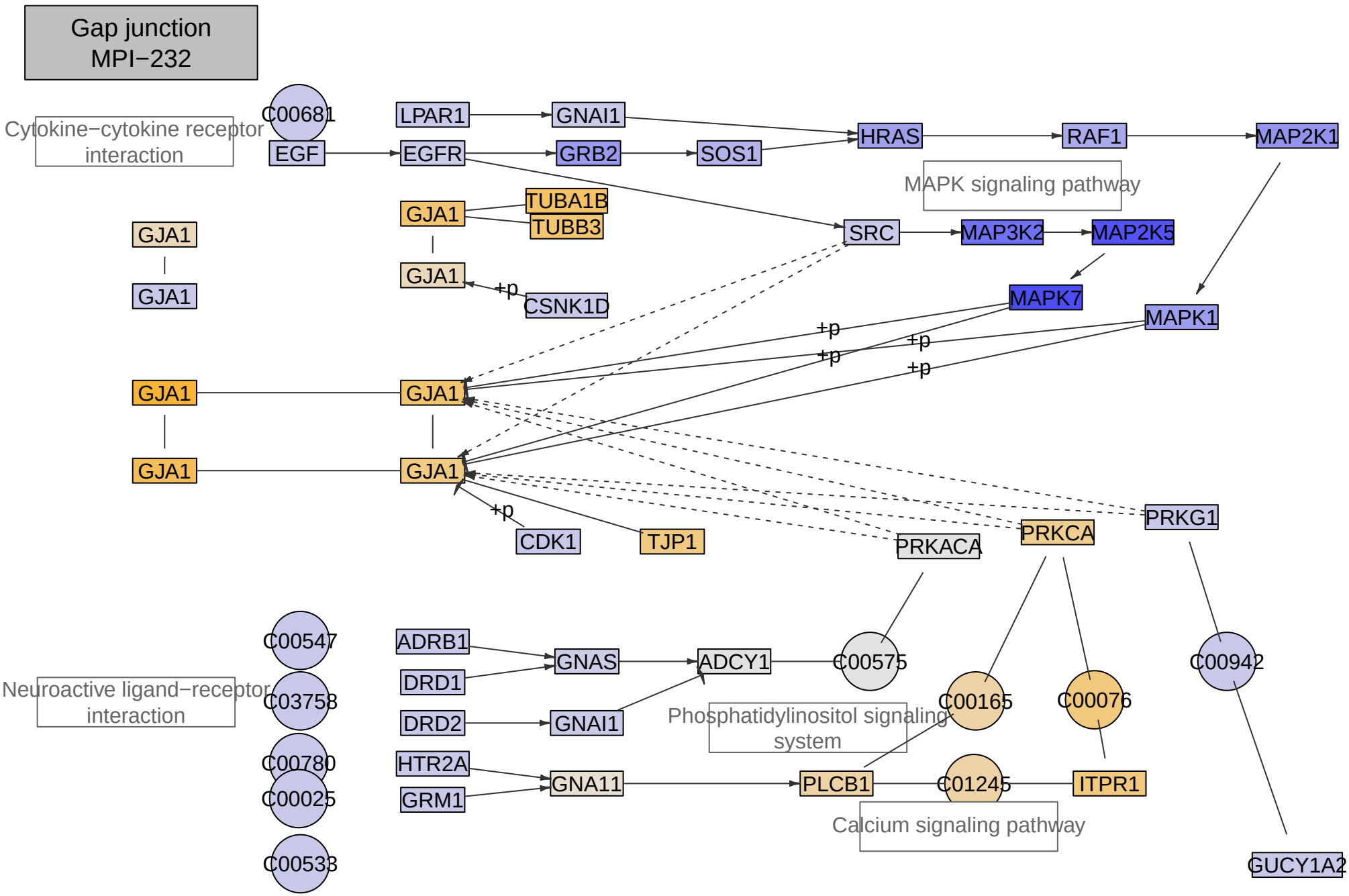

Gap junction
MPI−227
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

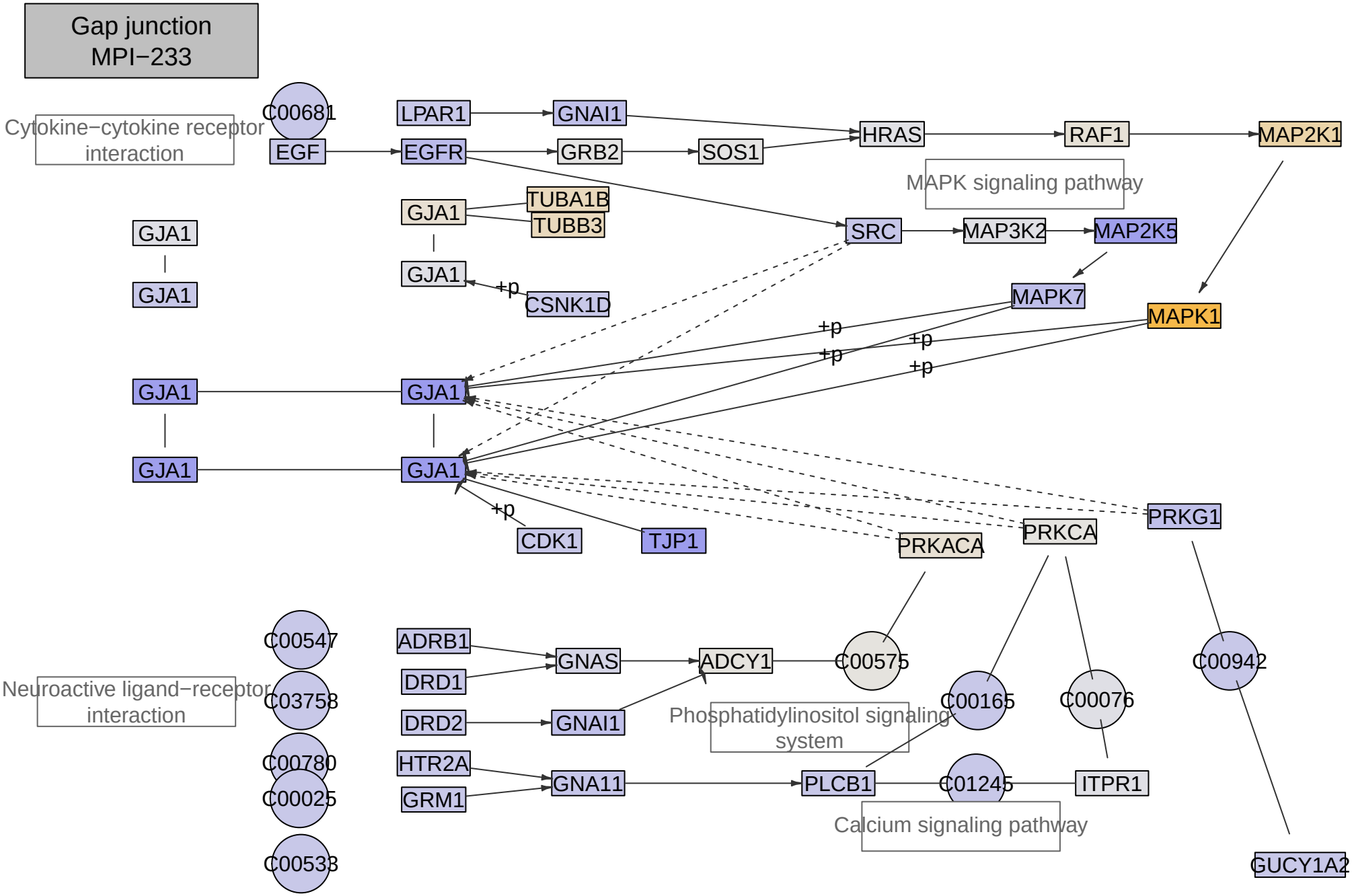

Gap junction
MPI−228
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

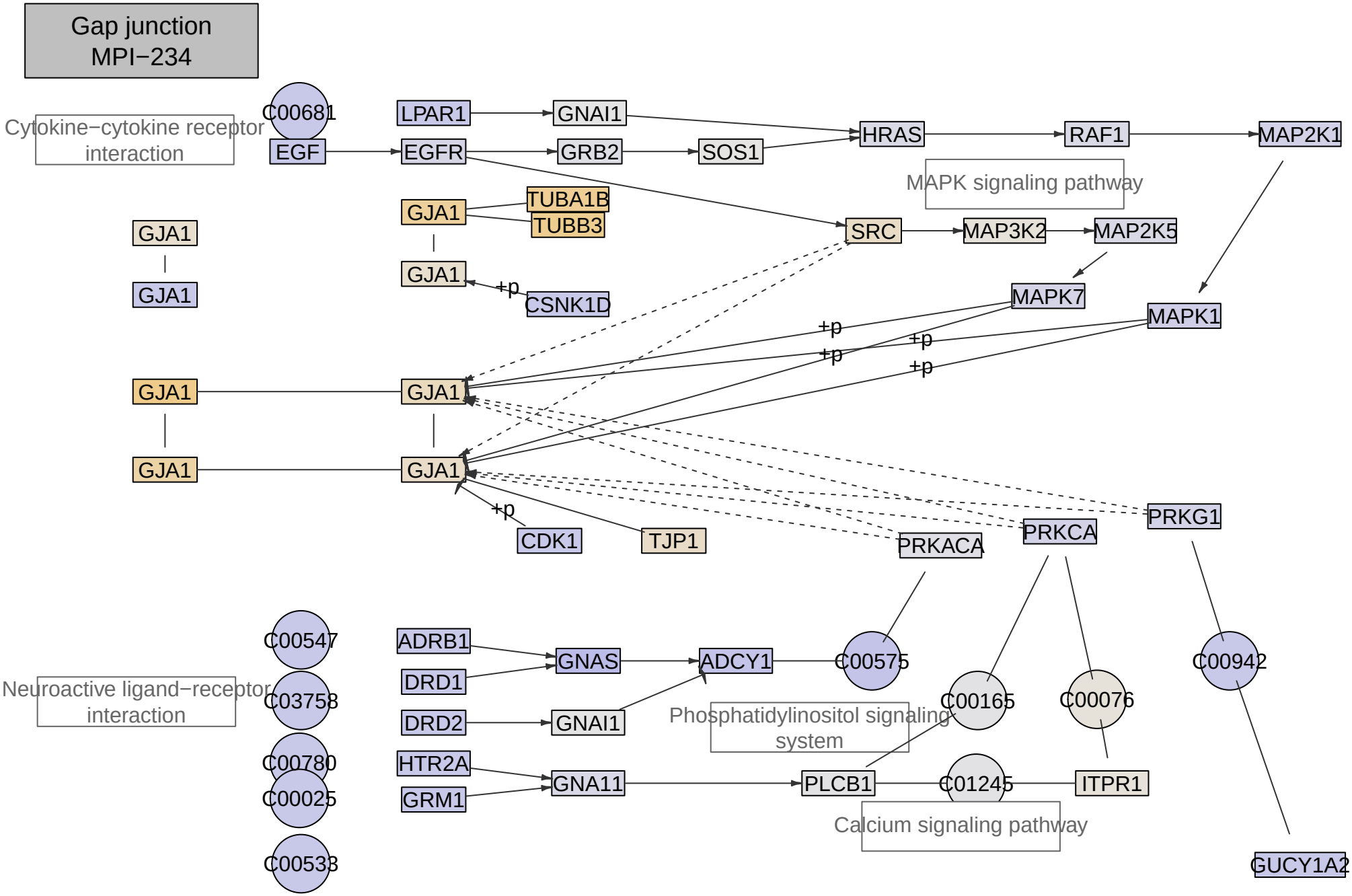

Gap junction
MPI−229
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

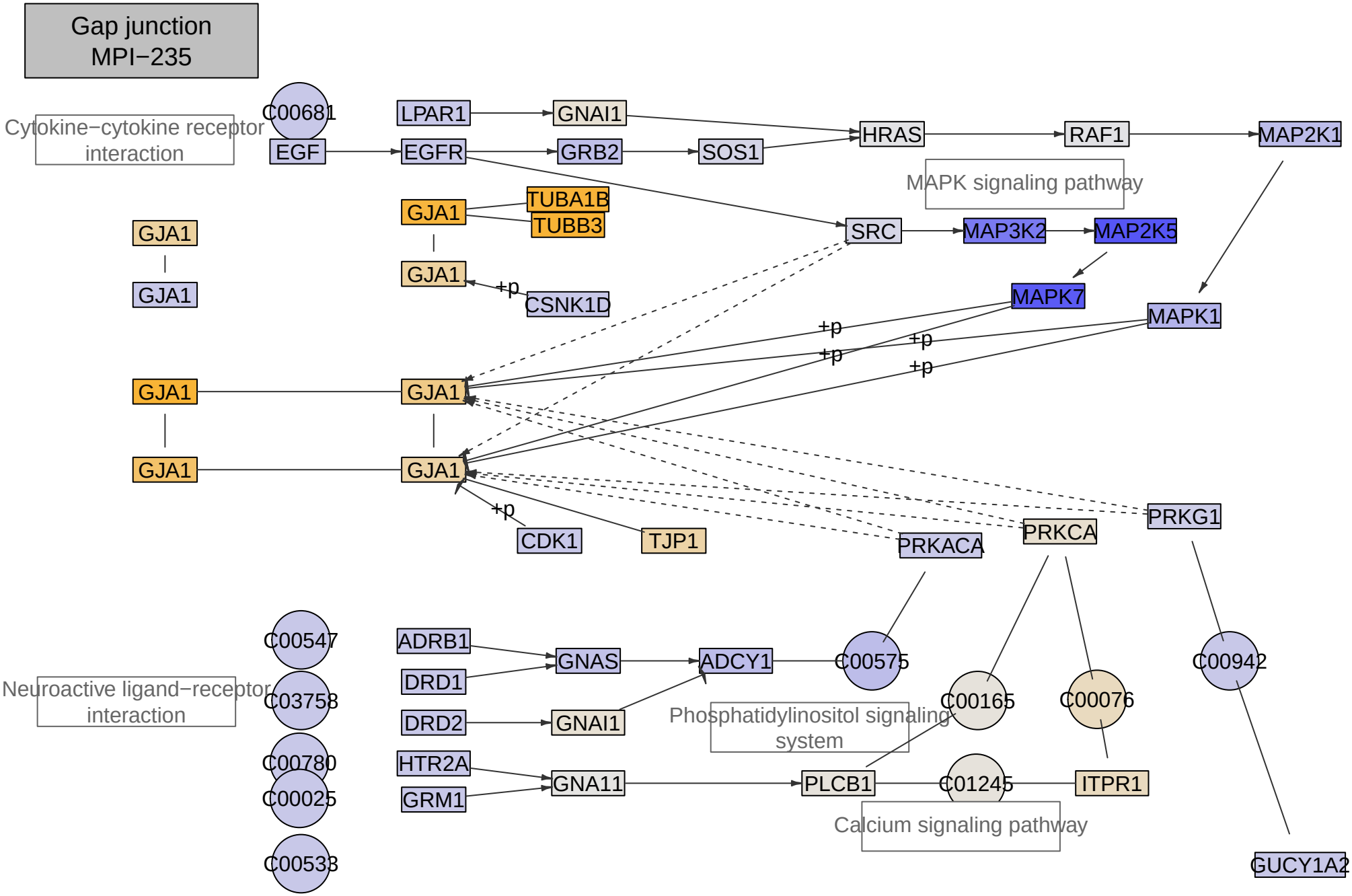

Gap junction
MPI−230
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

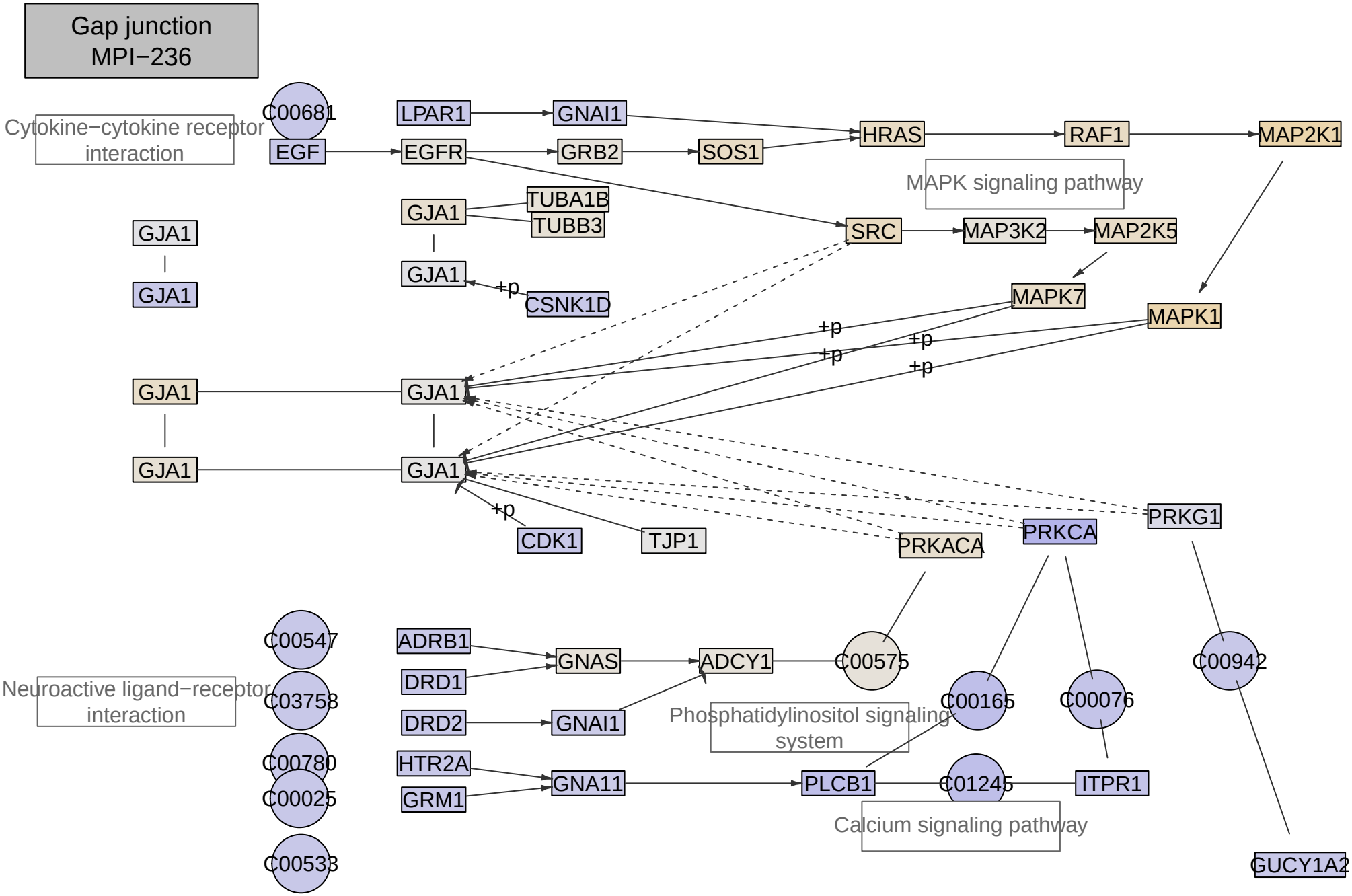

Gap junction
MPI−231
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

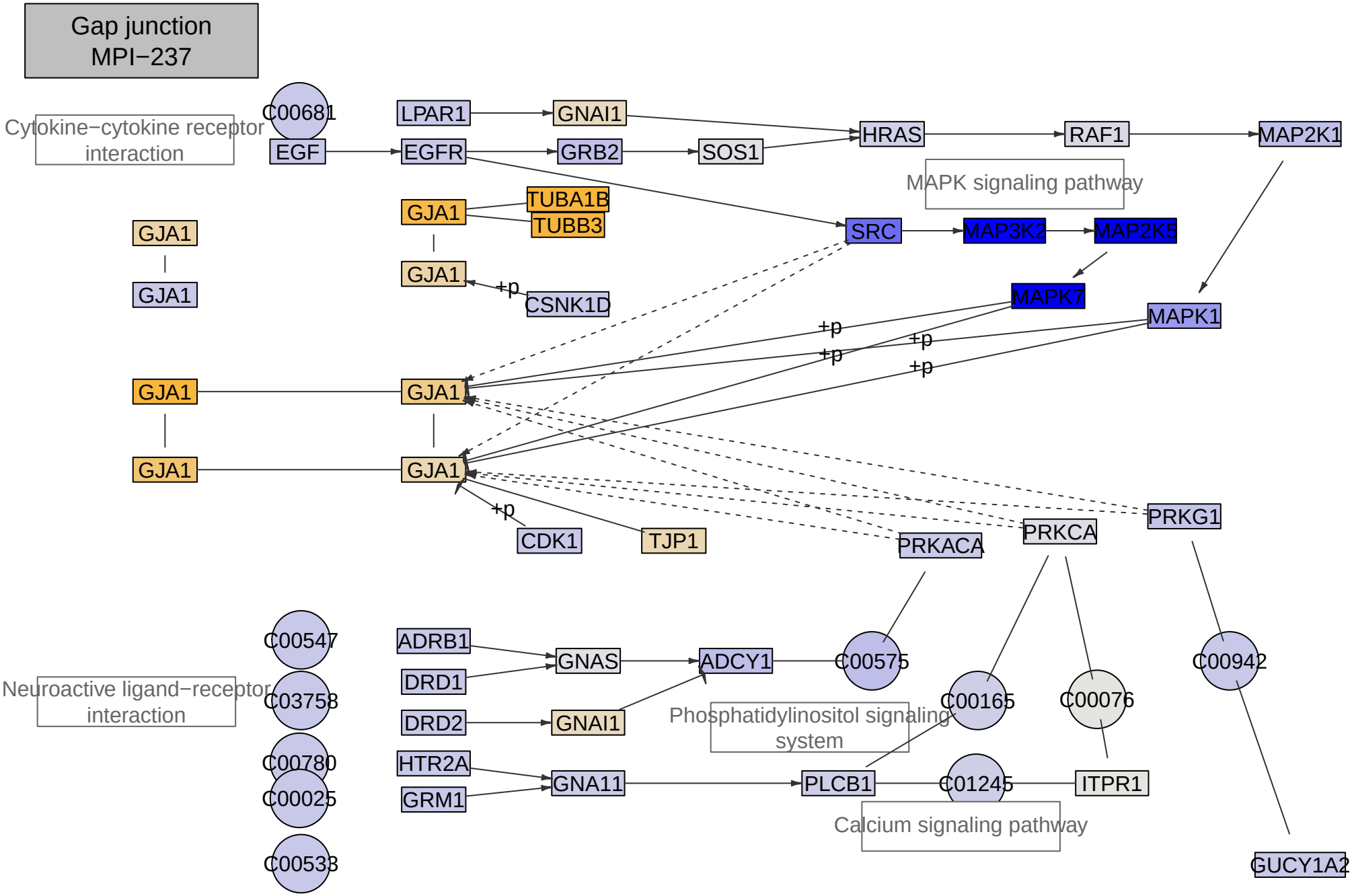

Gap junction
MPI−232
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

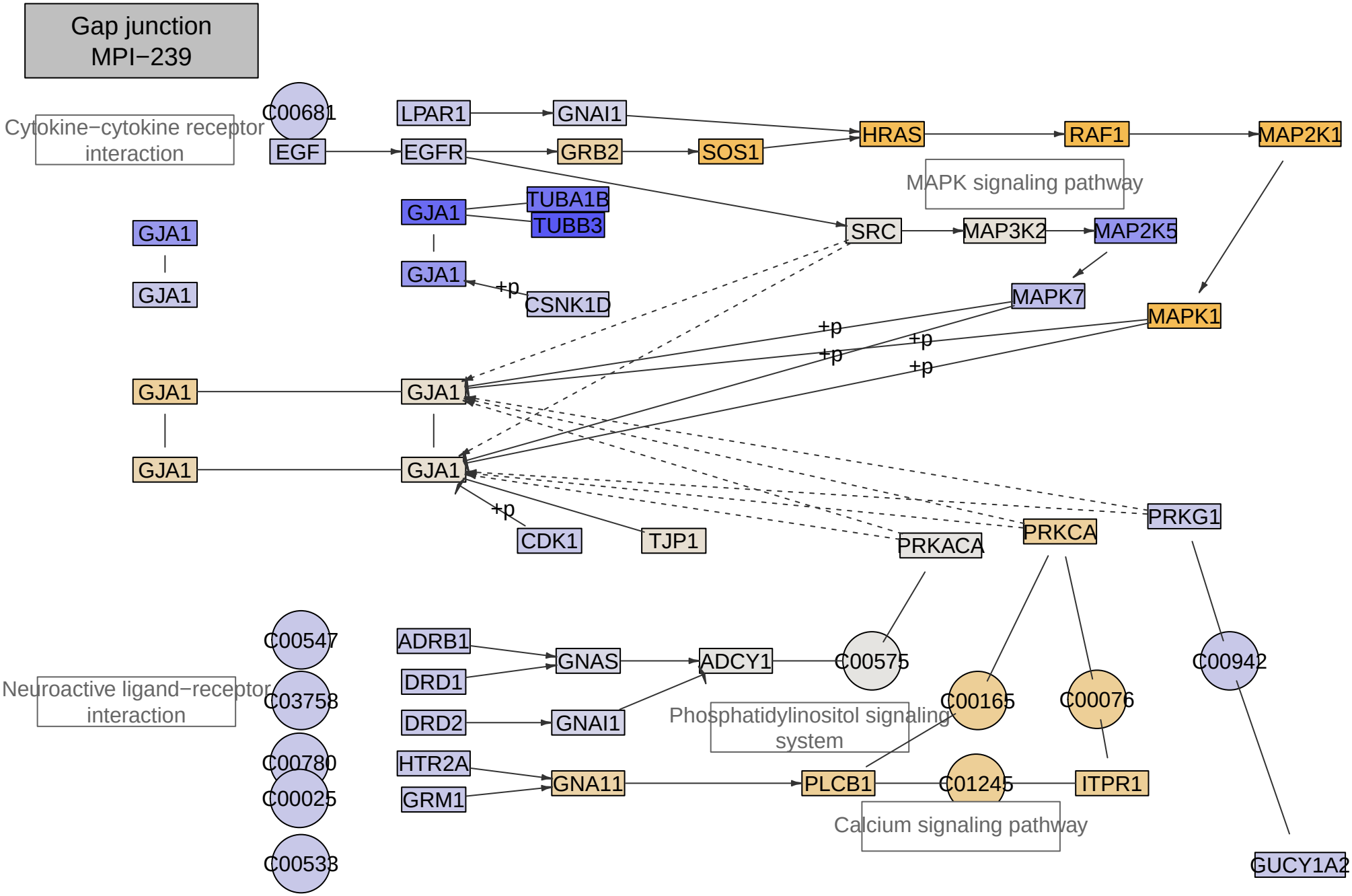

Gap junction
MPI−233
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

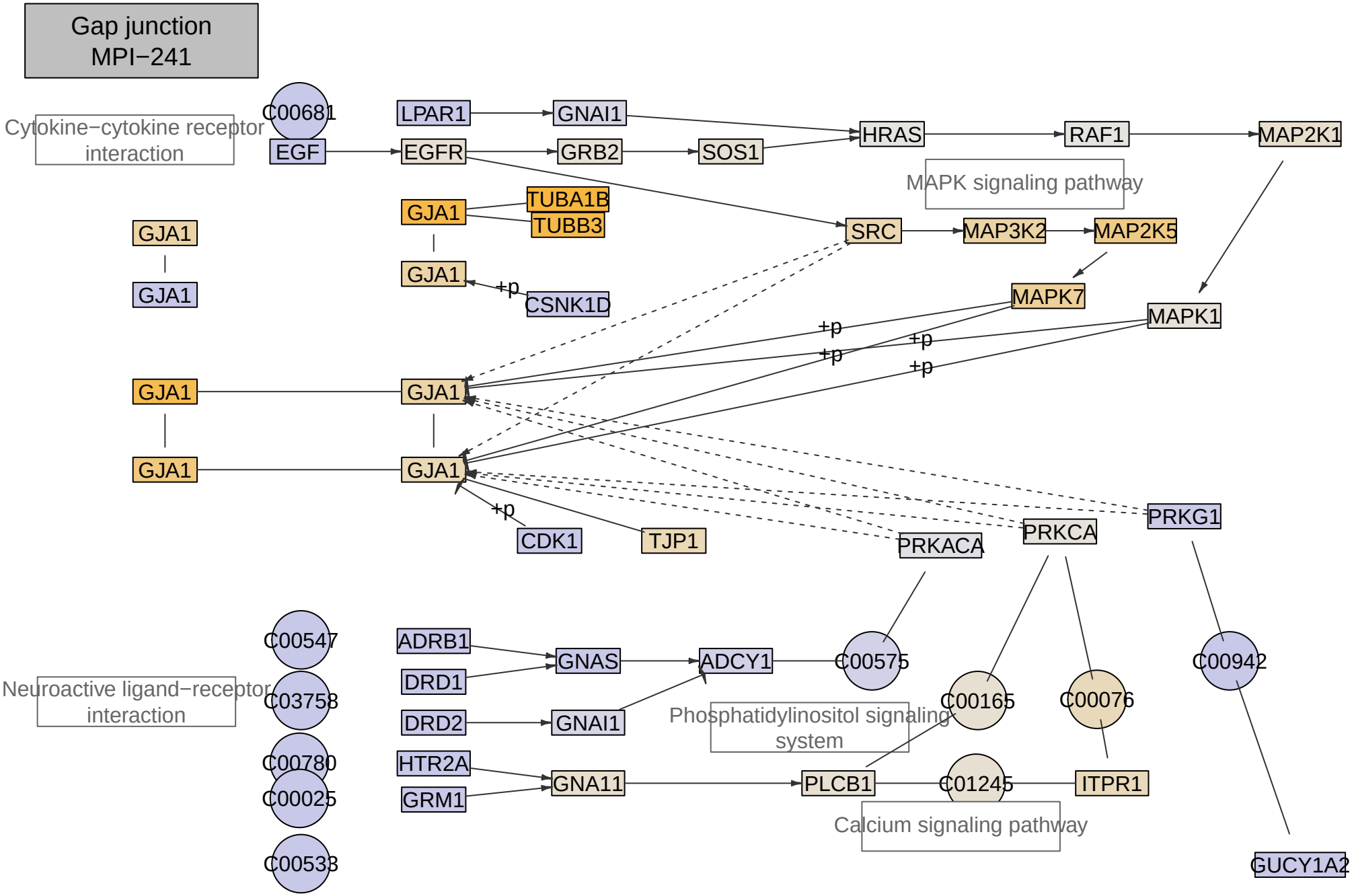

Gap junction
MPI−234
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

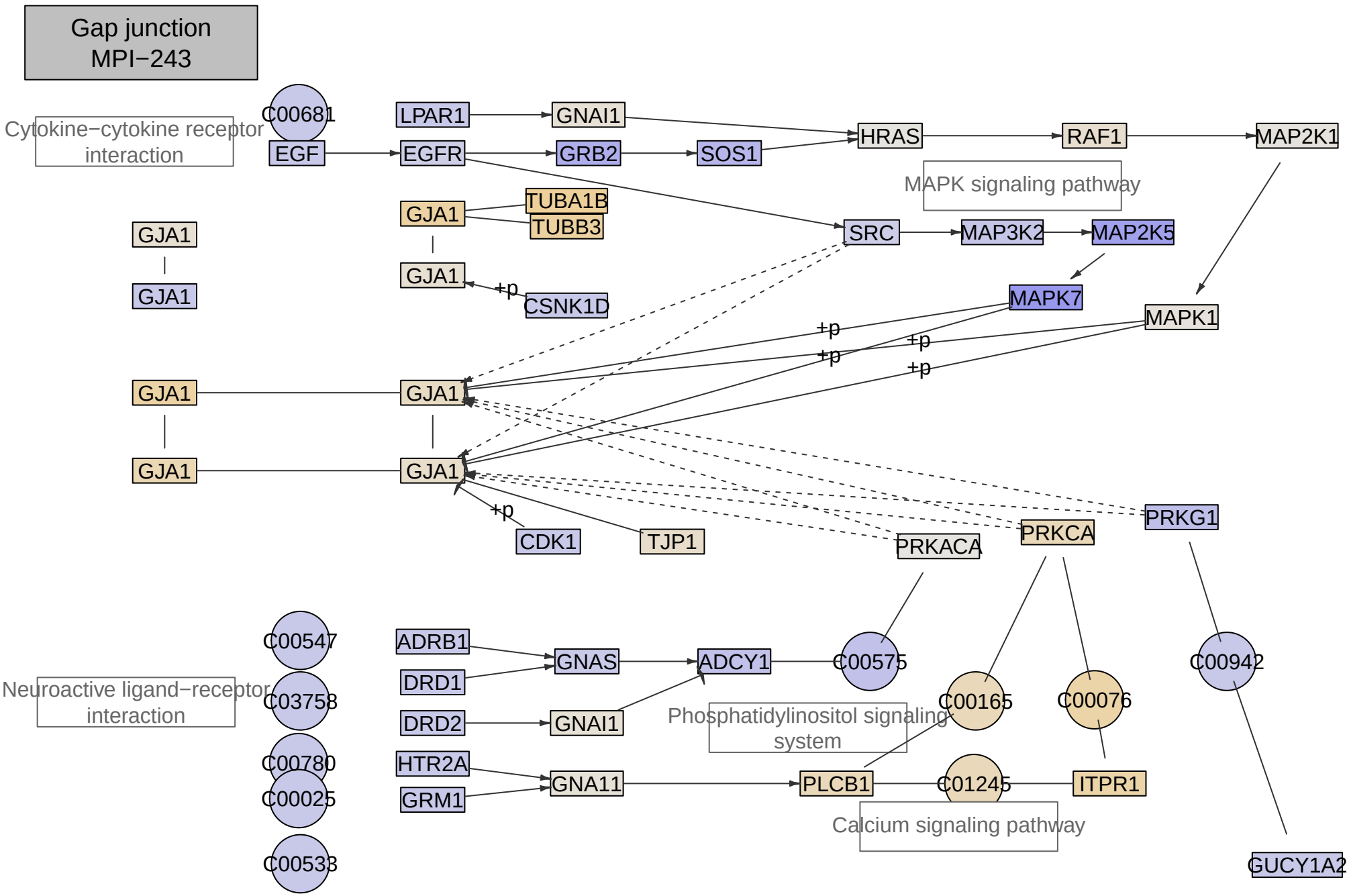

Gap junction
MPI−235
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

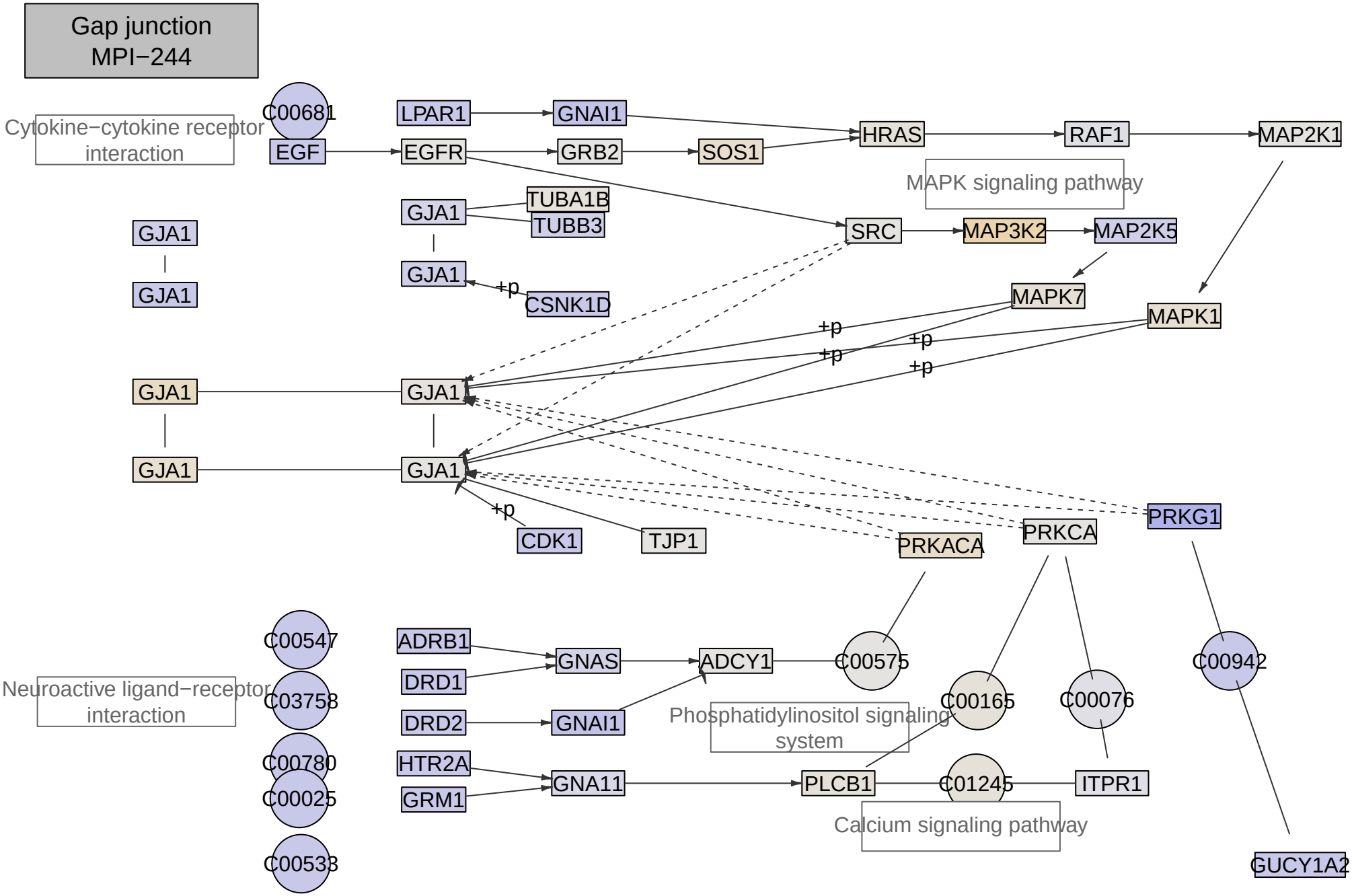

Gap junction
MPI−236
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

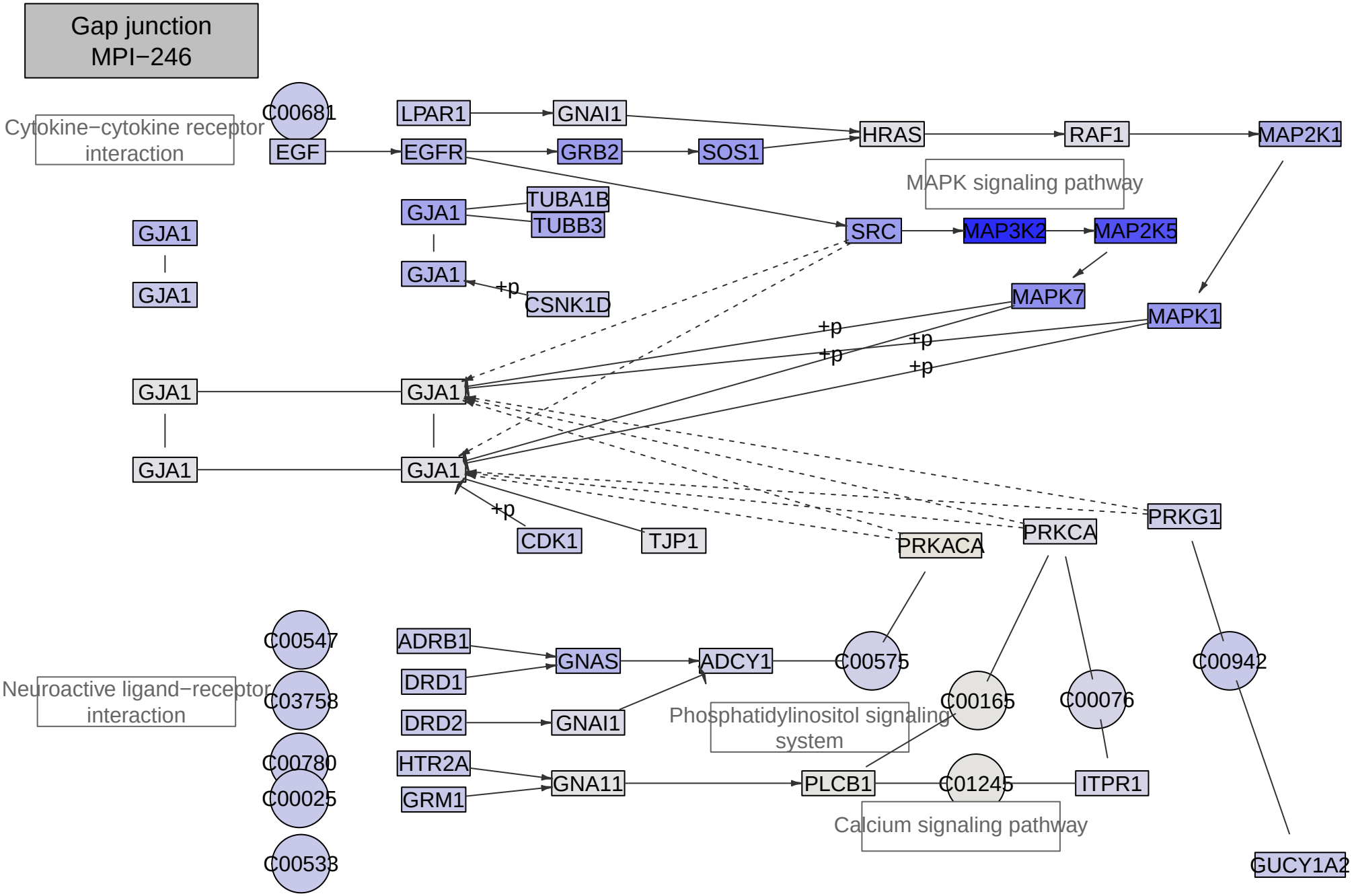

Gap junction
MPI−237
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKACA
PRKCA
CDK1
TJP1
C00942
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

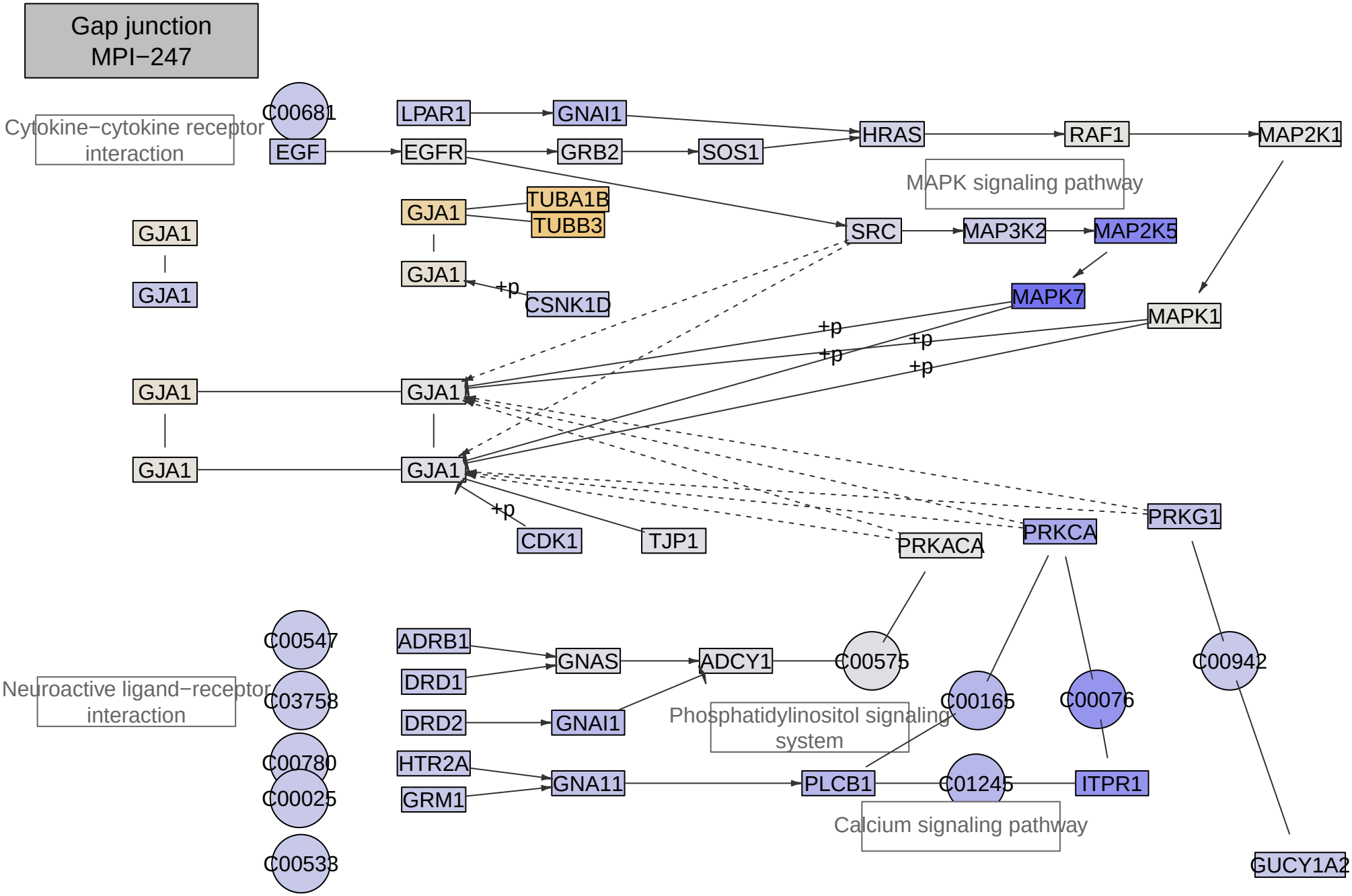

Gap junction
MPI−239
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

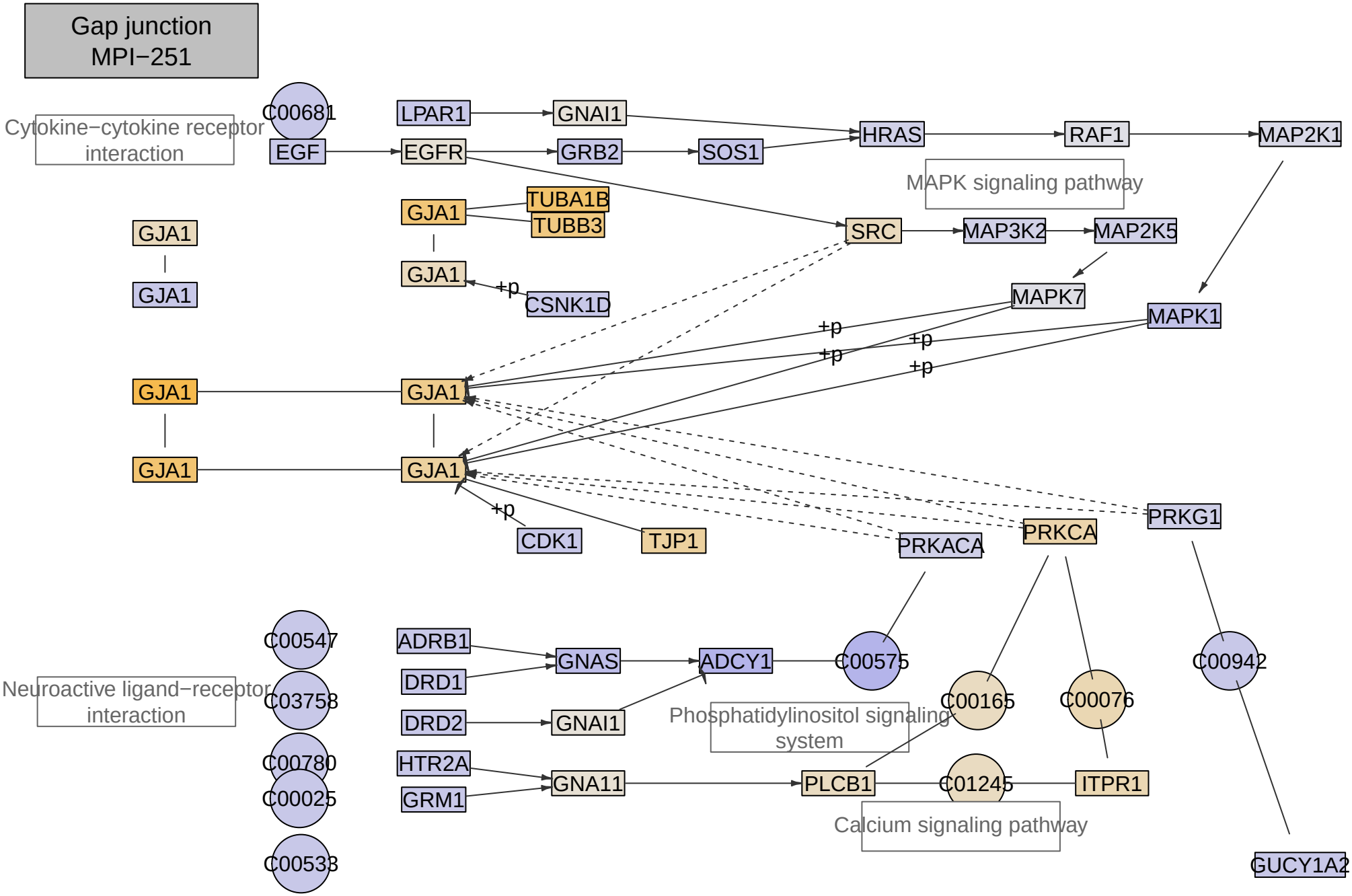

Gap junction
MPI−241
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2

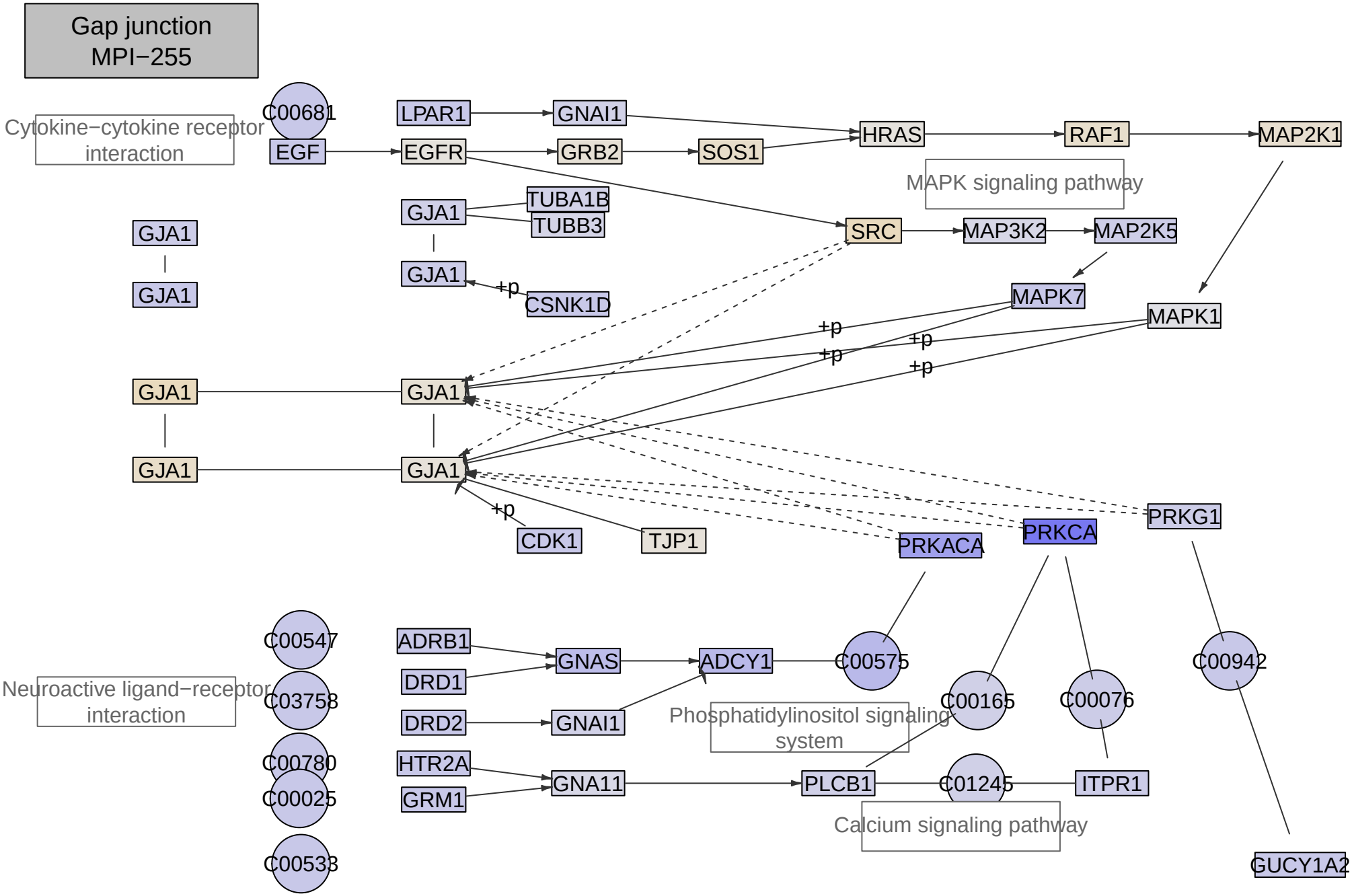

Gap junction
MPI−243
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2

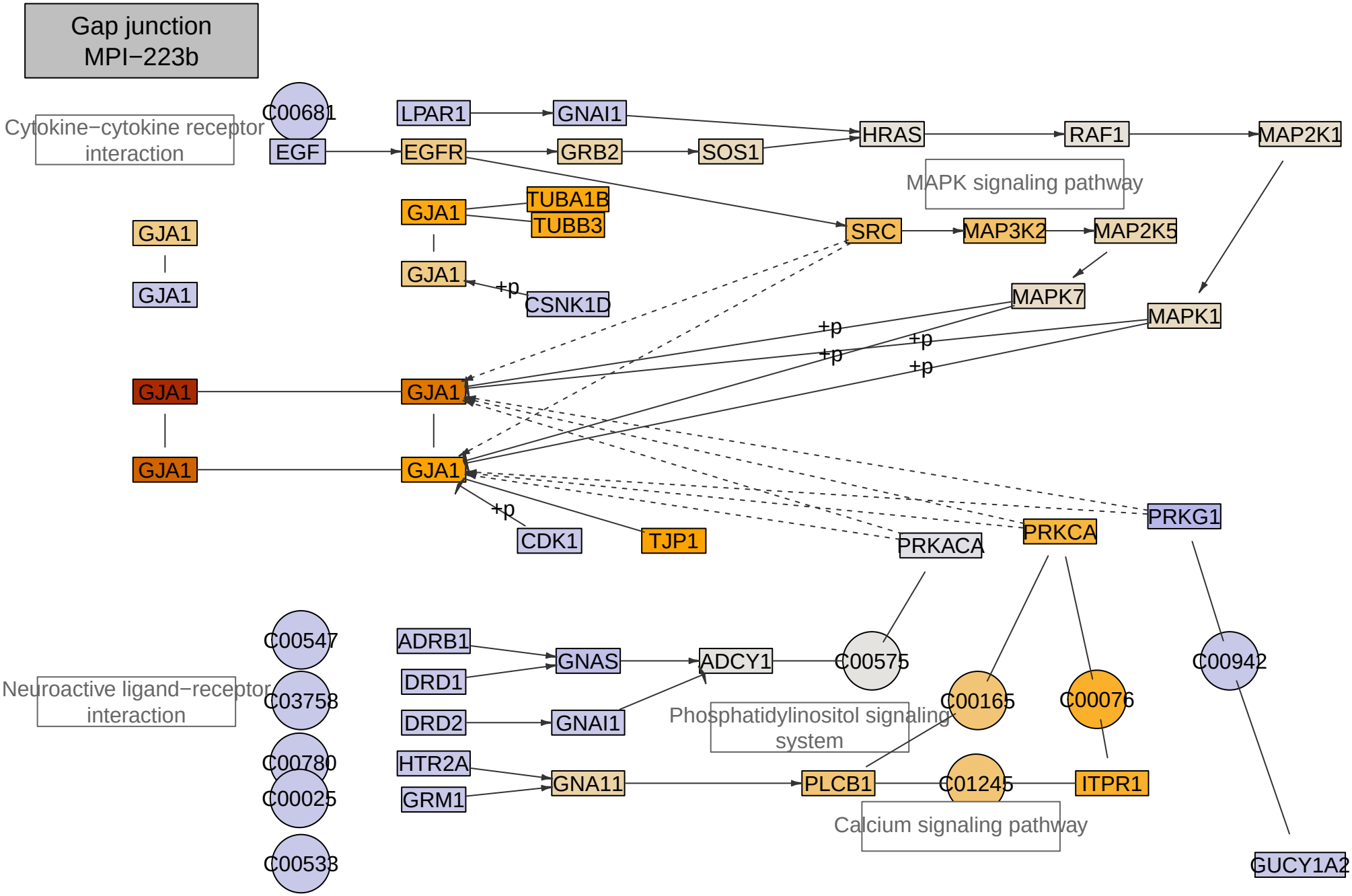

Gap junction
MPI−244
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
GJA1
TUBA1B
TUBB3
CSNK1D
+p
PRKACA
PRKCA
PRKG1
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2


Gap junction
MPI−246
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2


Gap junction
MPI−247
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
MAPK7
MAPK1
+p
CSNK1D
PRKG1
PRKCA
PRKACA
CDK1
TJP1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
PLCB1
C01245
ITPR1
Calcium signaling pathway
C00942
GUCY1A2


Gap junction
MPI−251
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2


Gap junction
MPI−255
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
C00547
C03758
C00780
C00025
C00533
Neuroactive ligand−receptor interaction
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2


Gap junction
MPI−223b
Cytokine−cytokine receptor interaction
C00681
EGF
LPAR1
GNAI1
EGFR
GRB2
SOS1
HRAS
RAF1
MAP2K1
MAPK signaling pathway
GJA1
TUBA1B
TUBB3
SRC
MAP3K2
MAP2K5
GJA1
GJA1
+p
CSNK1D
MAPK7
MAPK1
+p
+p
+p
+p
GJA1
GJA1
GJA1
GJA1
+p
CDK1
TJP1
PRKACA
PRKCA
PRKG1
Neuroactive ligand−receptor interaction
C00547
C03758
C00780
C00025
C00533
ADRB1
DRD1
DRD2
HTR2A
GRM1
GNAS
GNAI1
GNA11
ADCY1
C00575
Phosphatidylinositol signaling system
C00165
C00076
C00942
PLCB1
C01245
ITPR1
Calcium signaling pathway
GUCY1A2