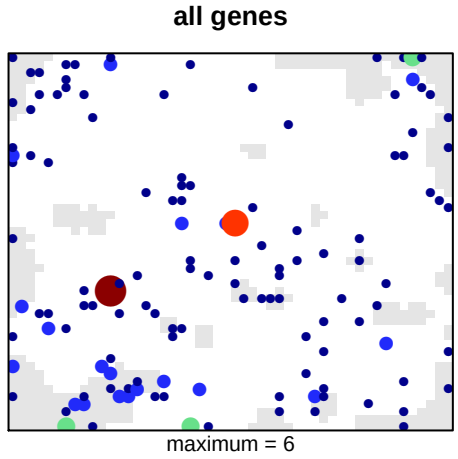
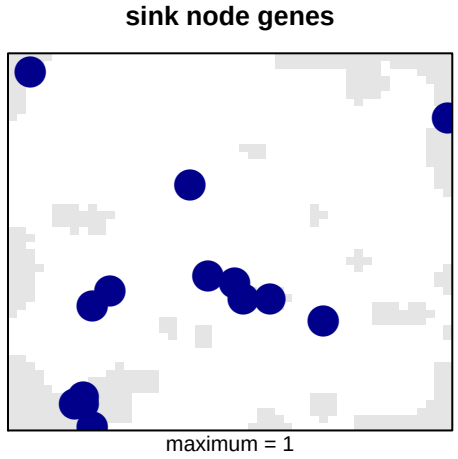
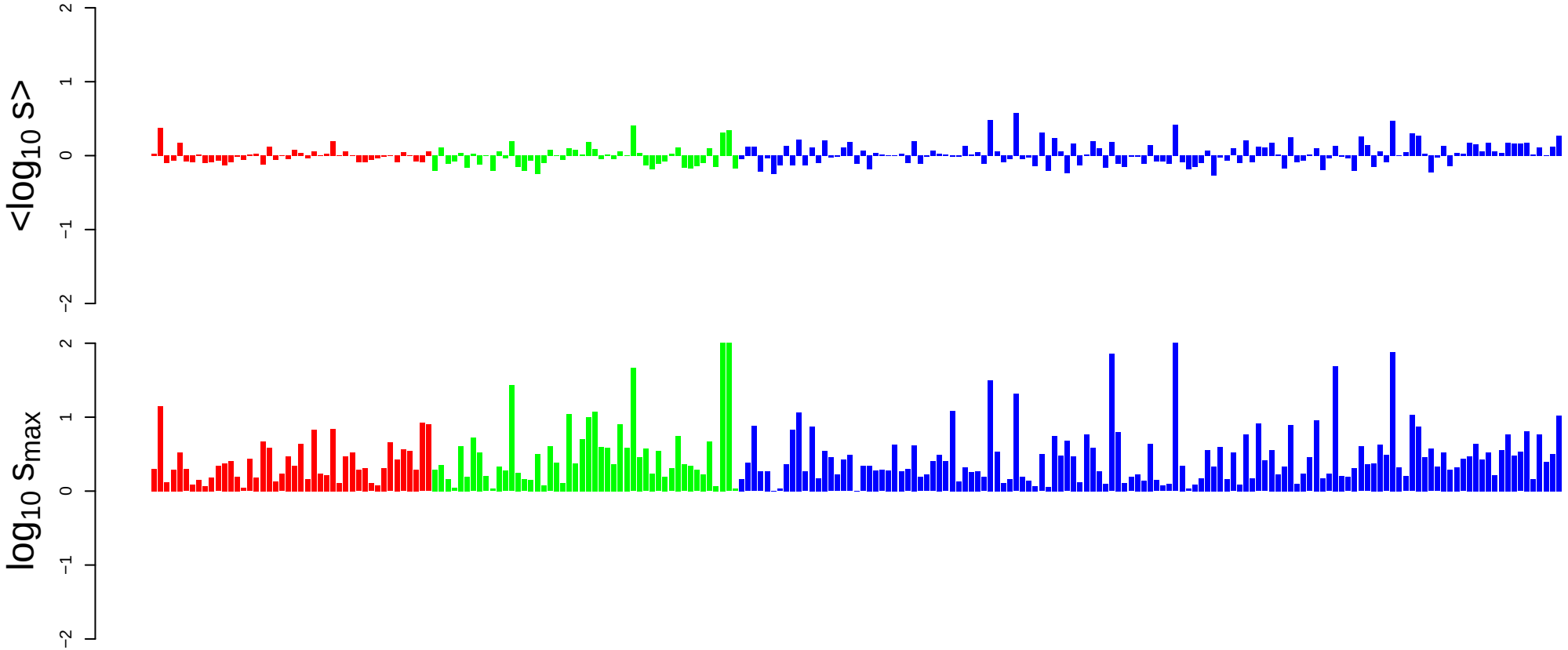
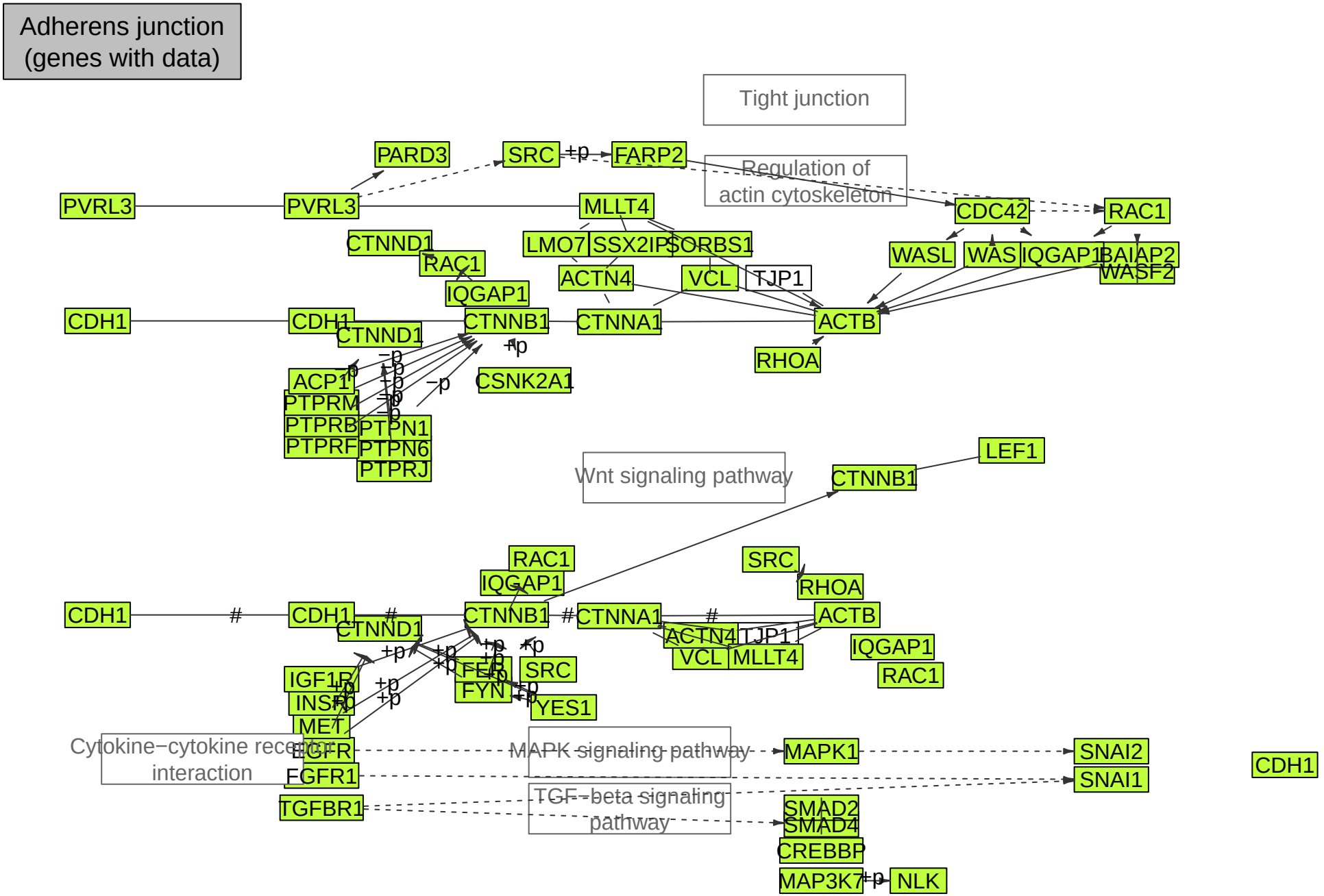
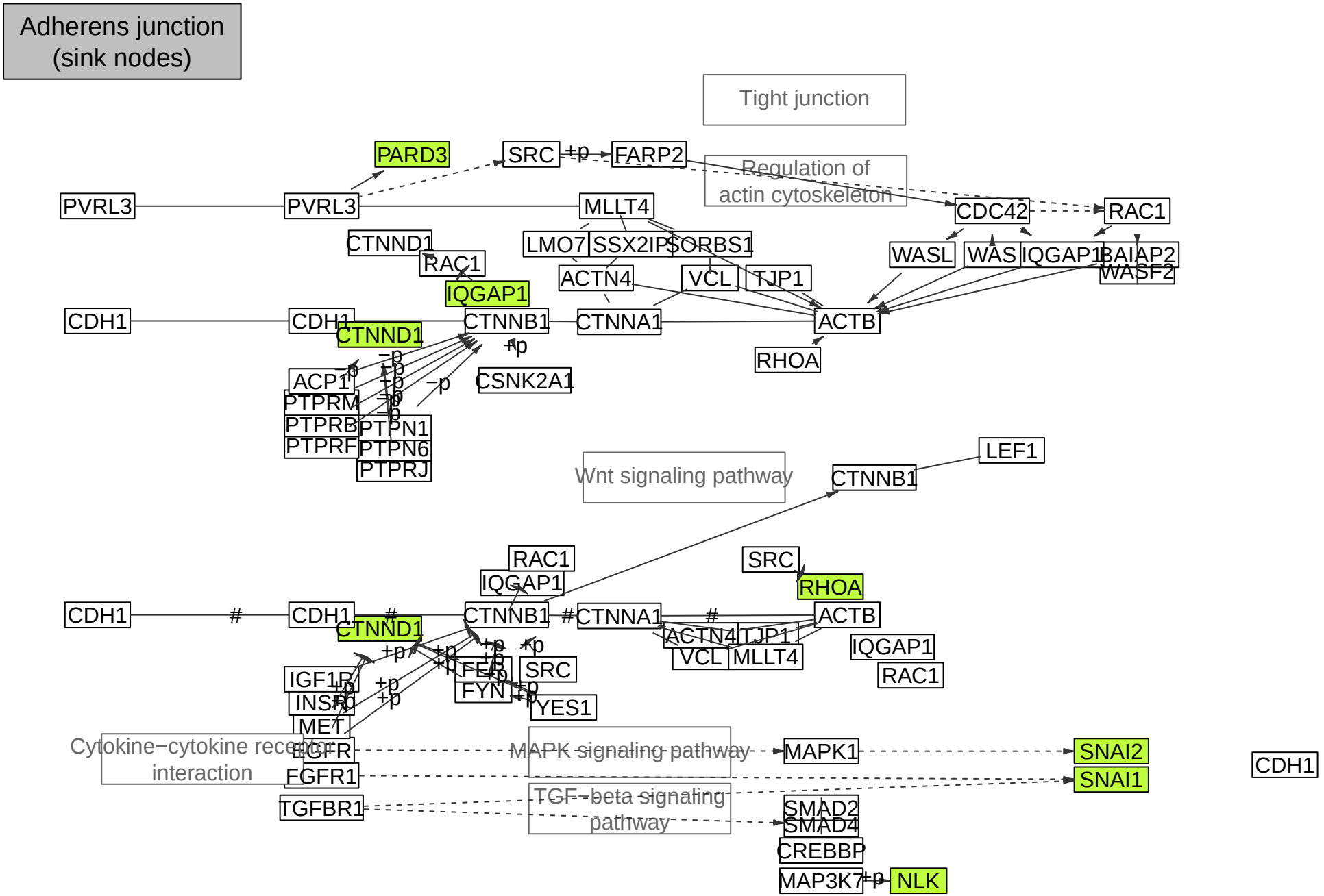
Adherens junction

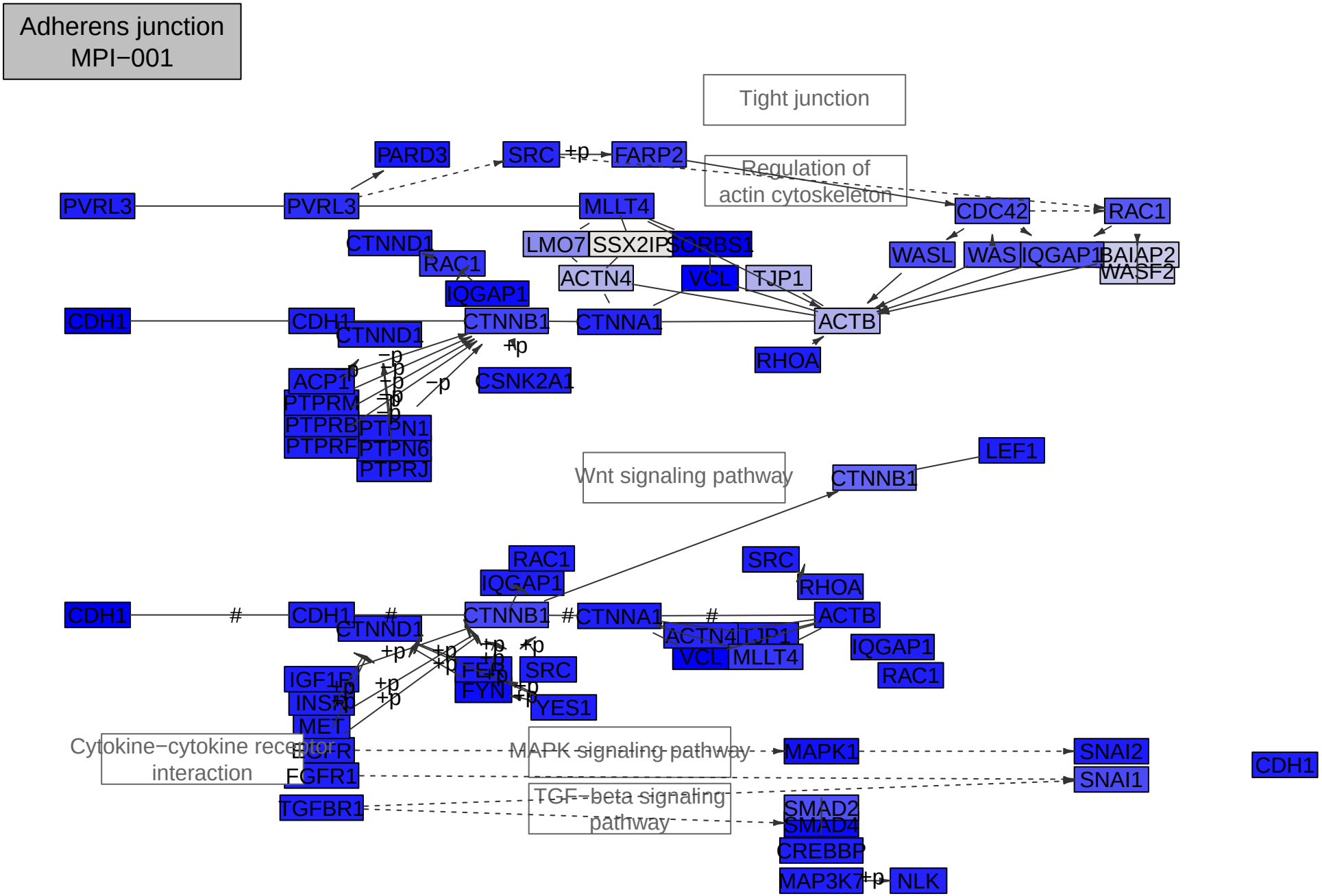


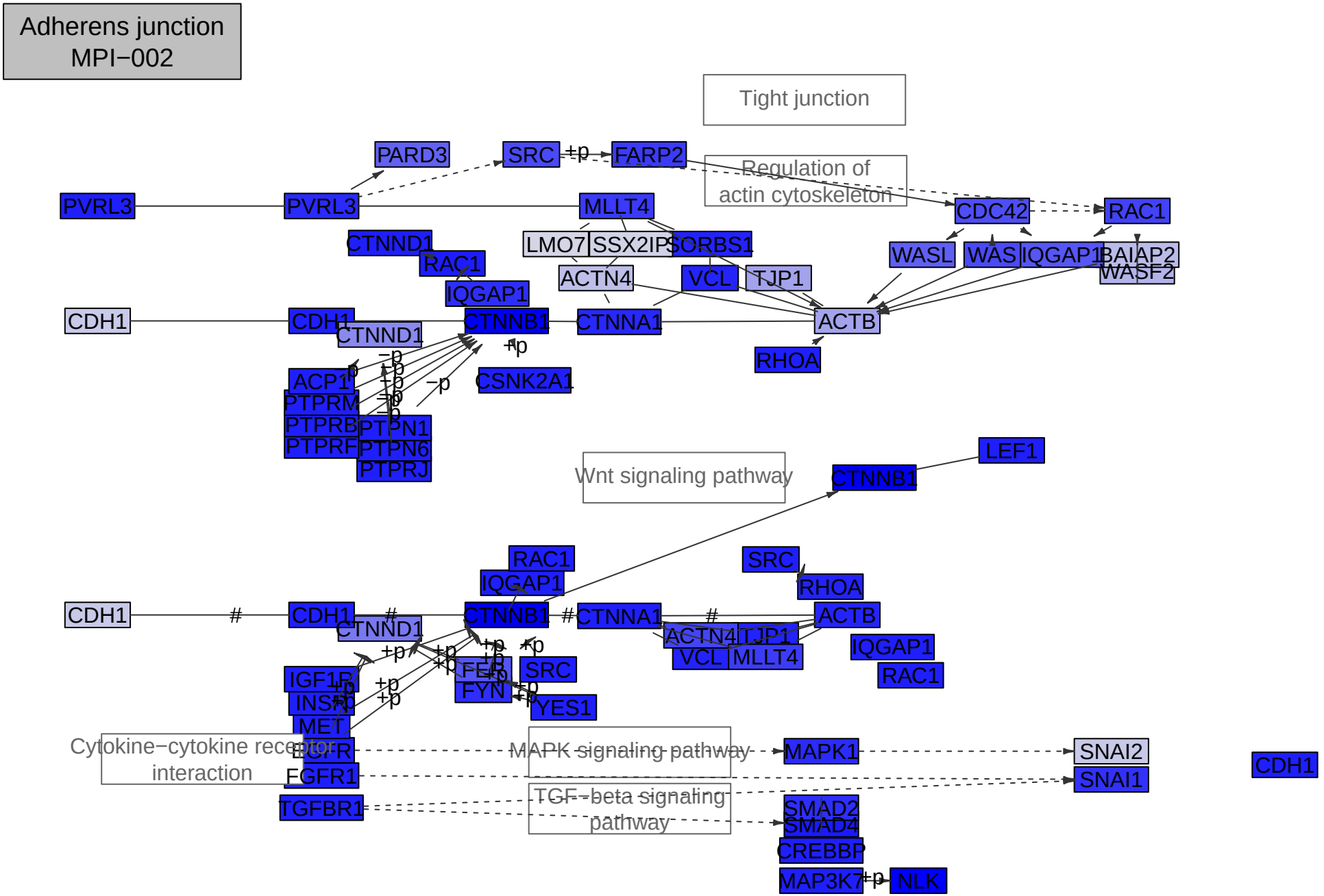


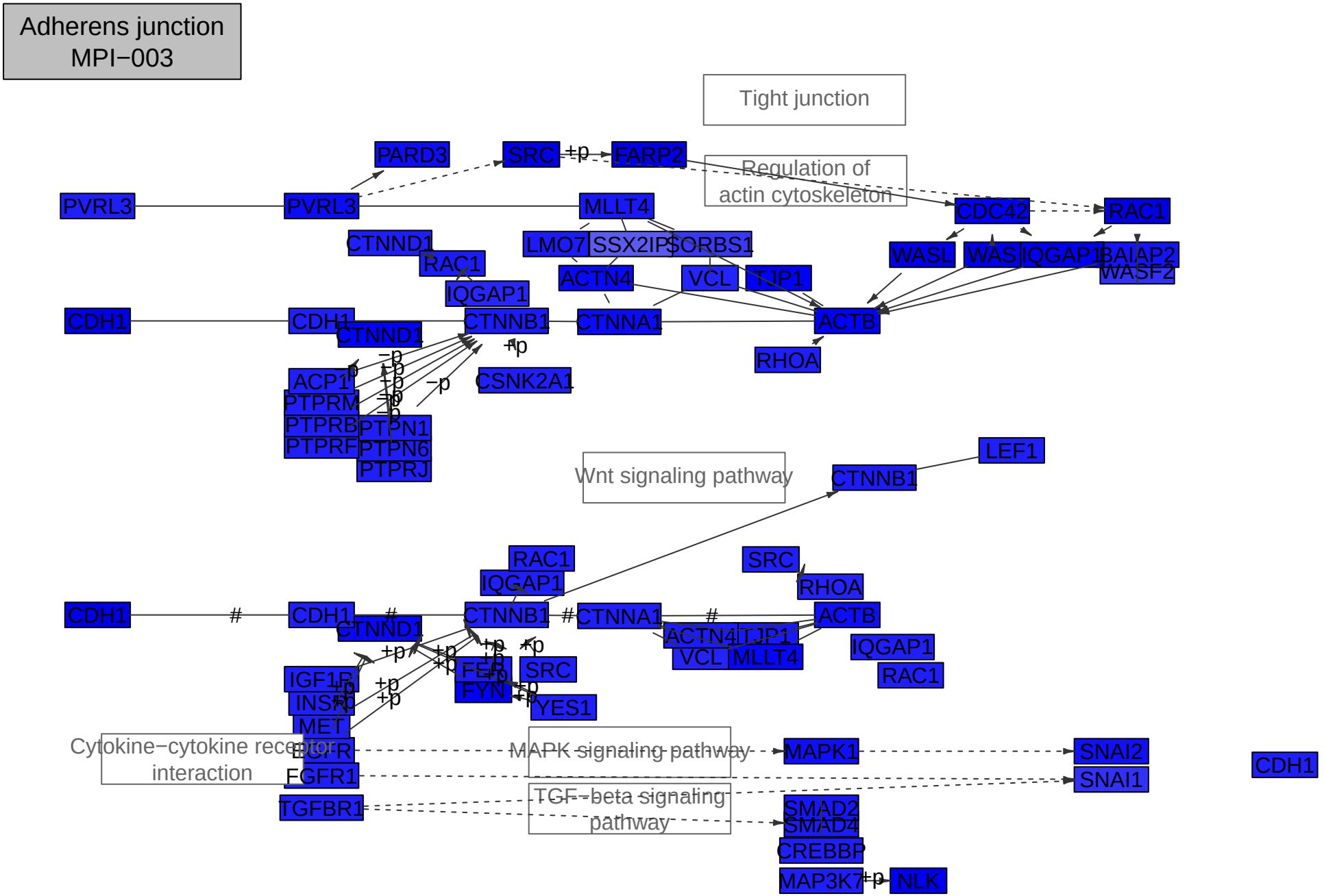


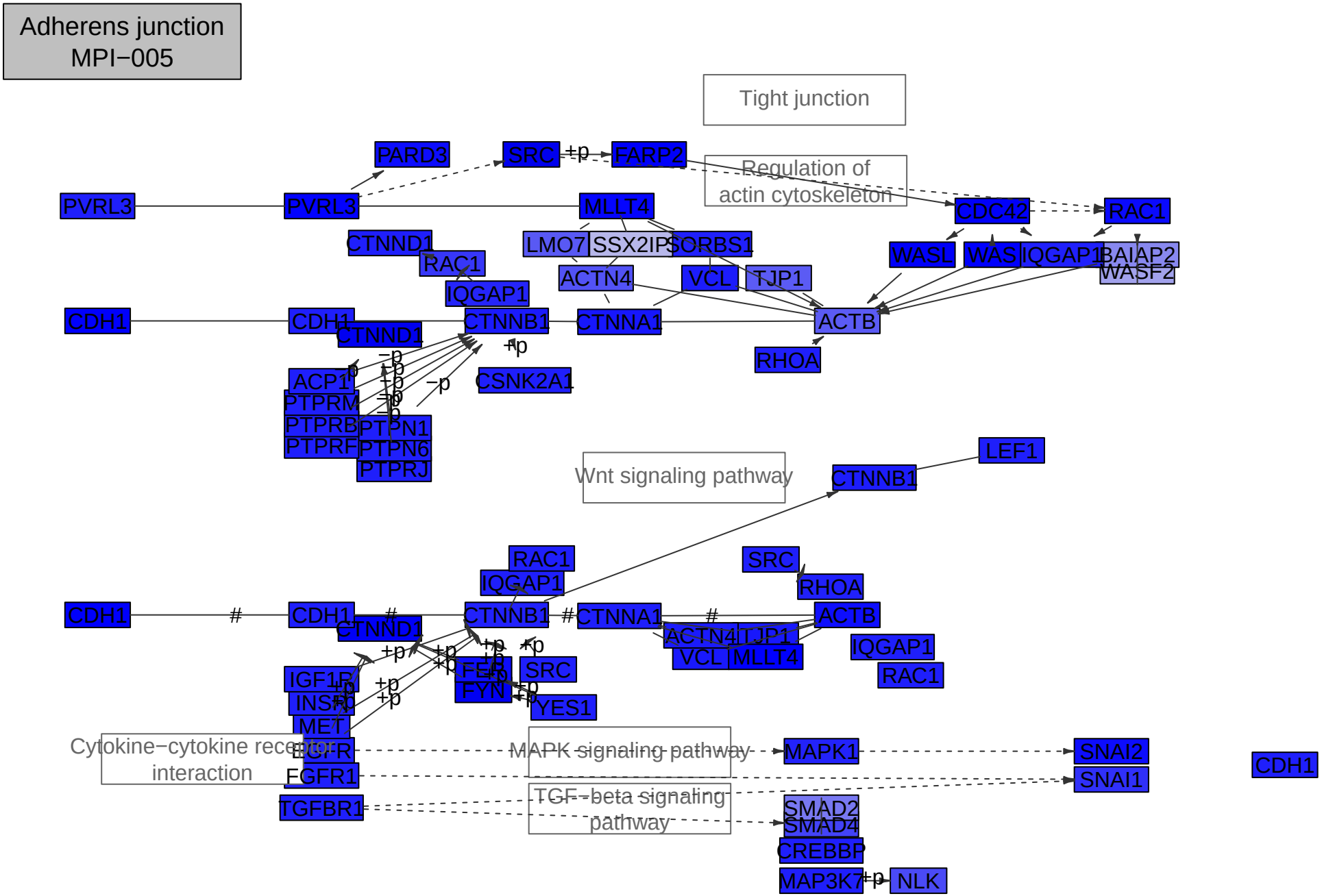

Adherens junction (genes with data)
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FGFR1
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction (sink nodes)
Tight junction
PARD3
SRC
+p
FARP2
Regulation of actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
−p
+p
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
INSR
MET
FER
FYN
SRC
YES1
Cytokine−cytokine receptor interaction
EGFR
EGFR1
MAPK signaling pathway
MAPK1
SNAI2
SNAI1
CDH1
TGF−beta signaling pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

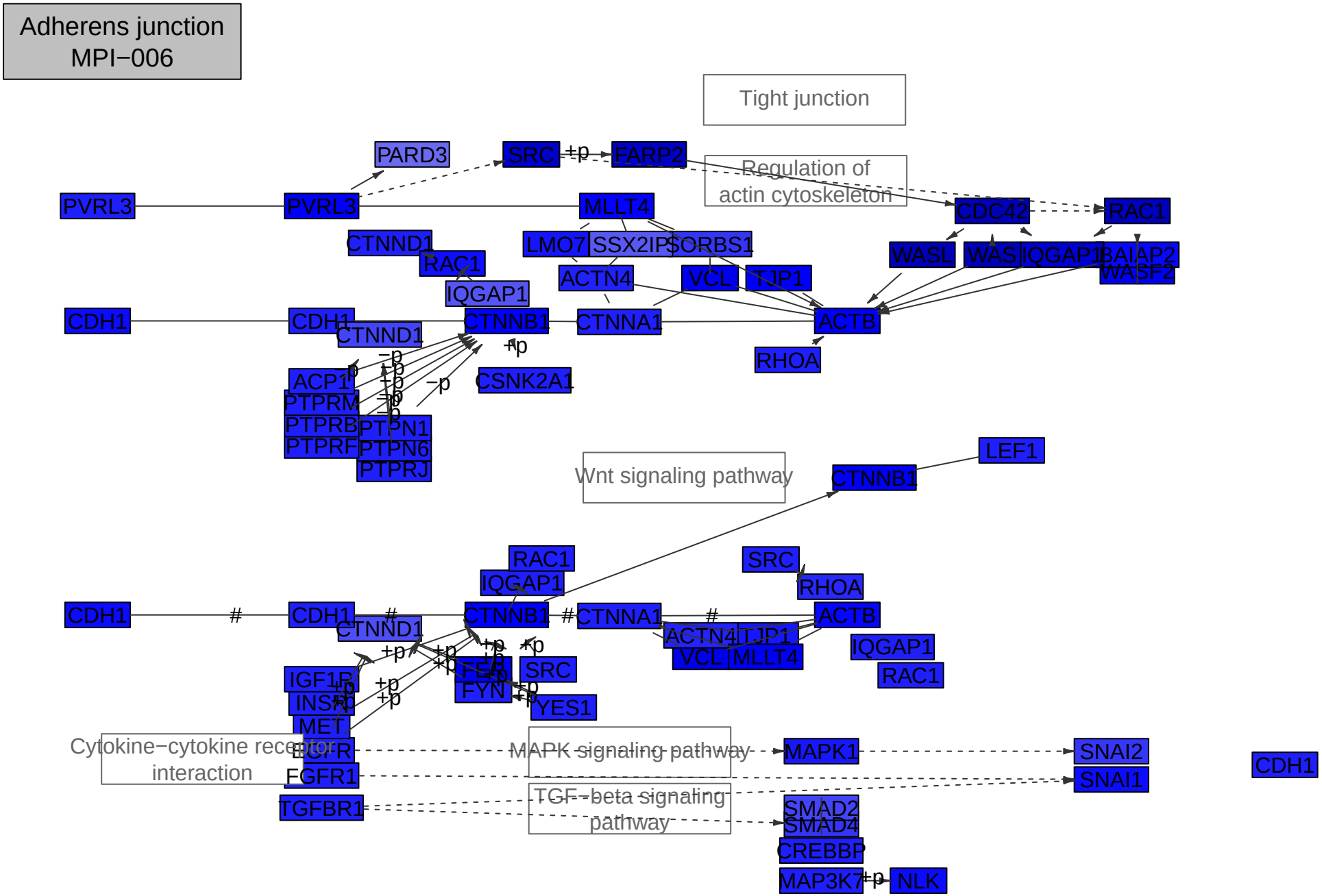

Adherens junction
MPI−001
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

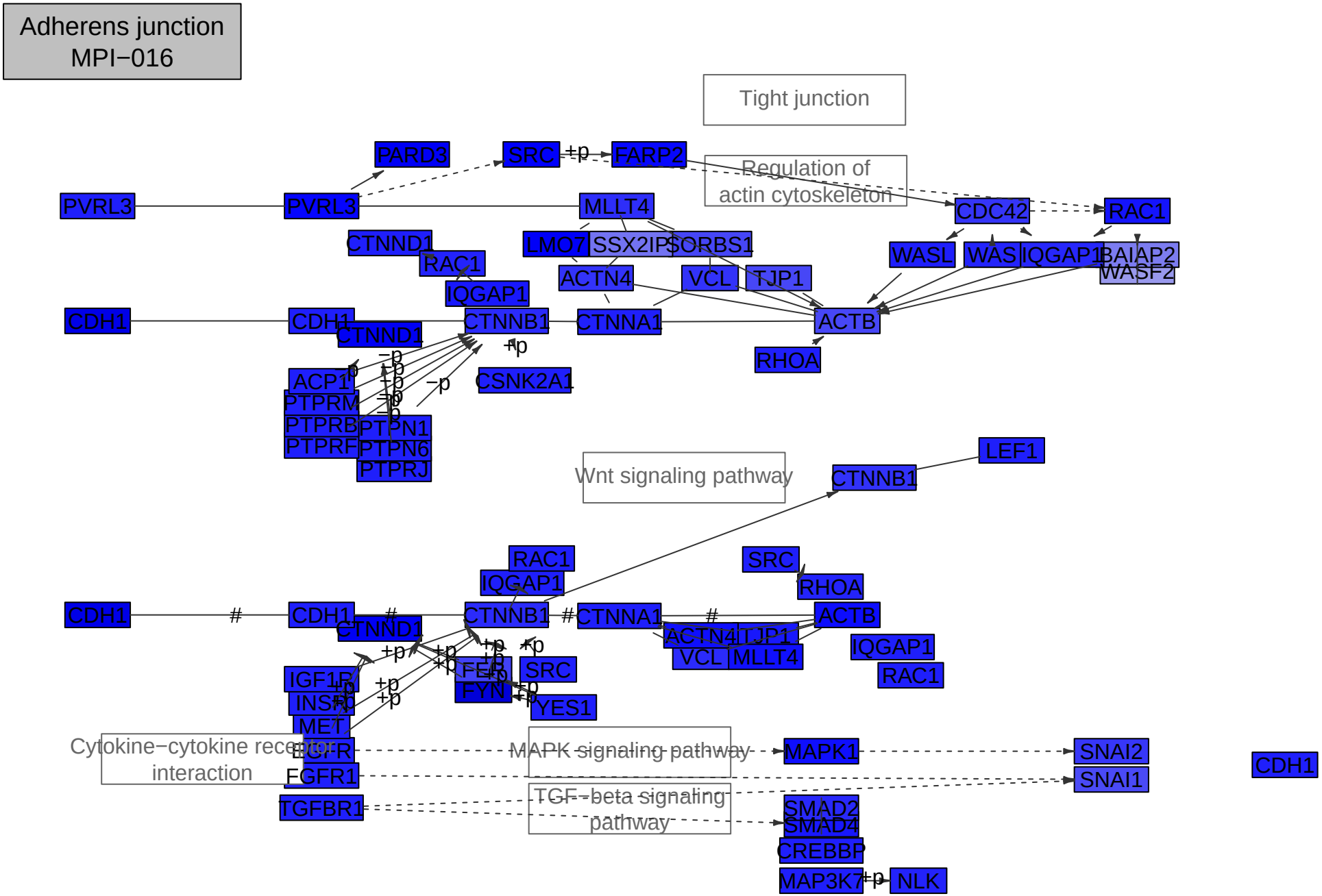

Adherens junction
MPI−002
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

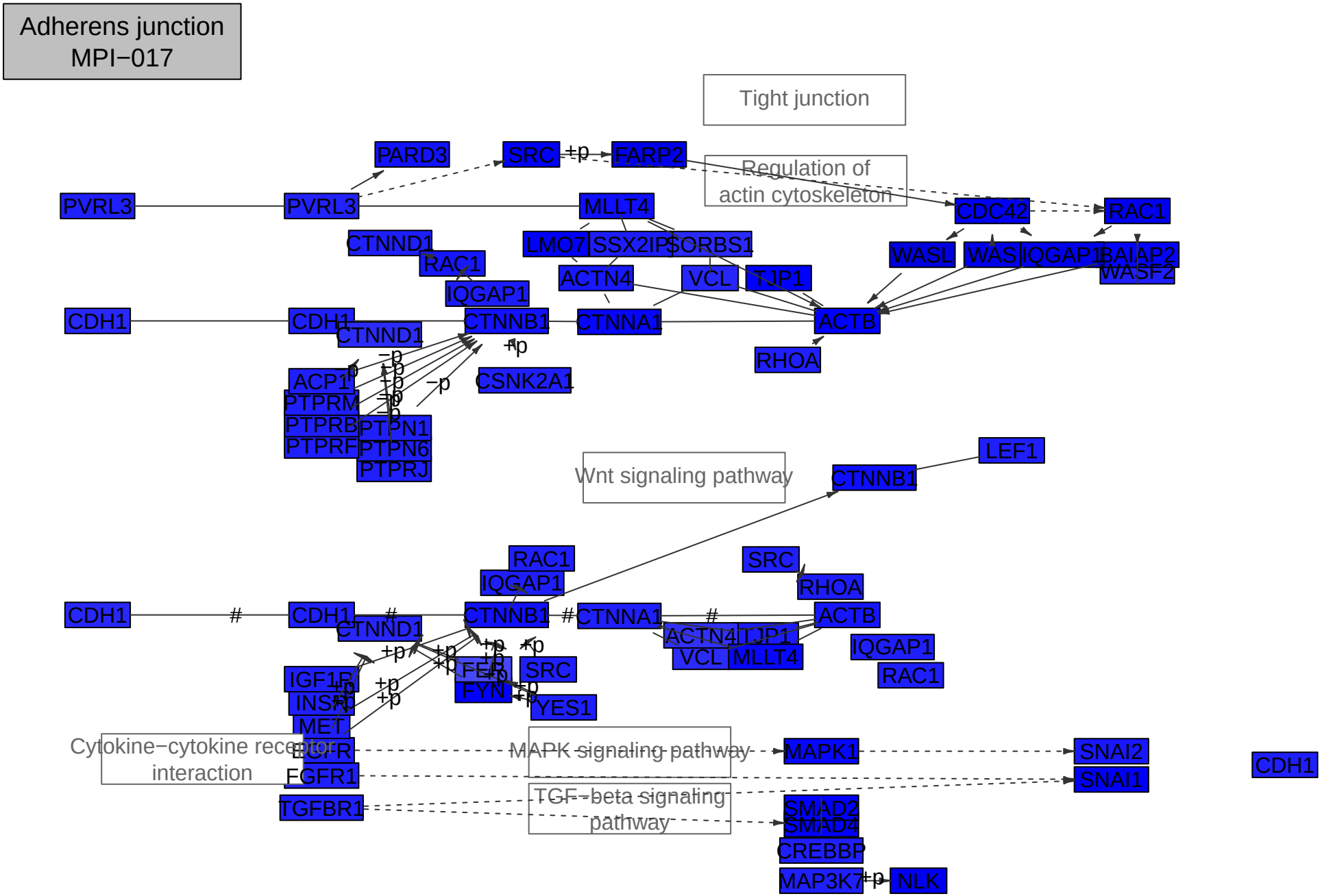

Adherens junction
MPI−003
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

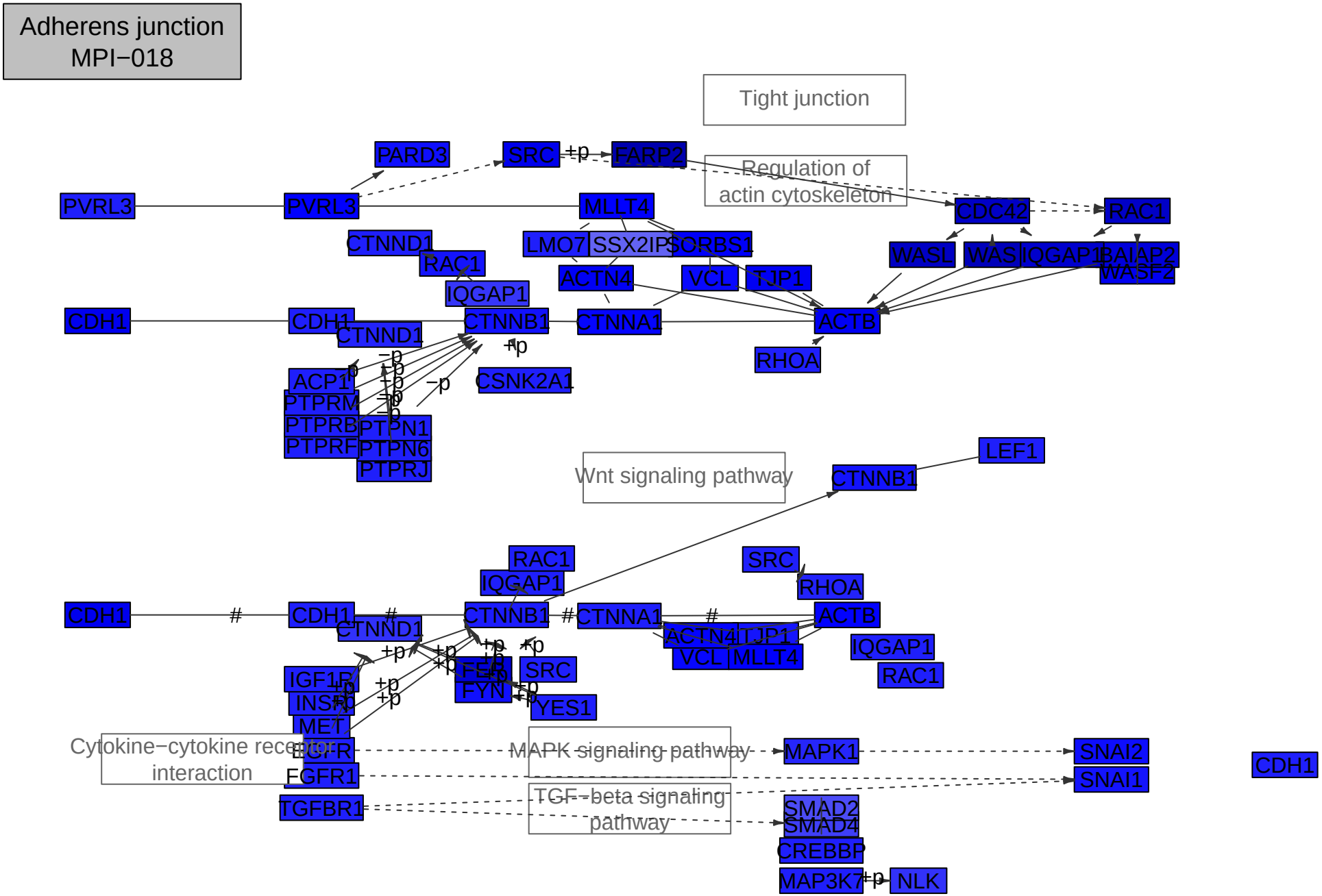


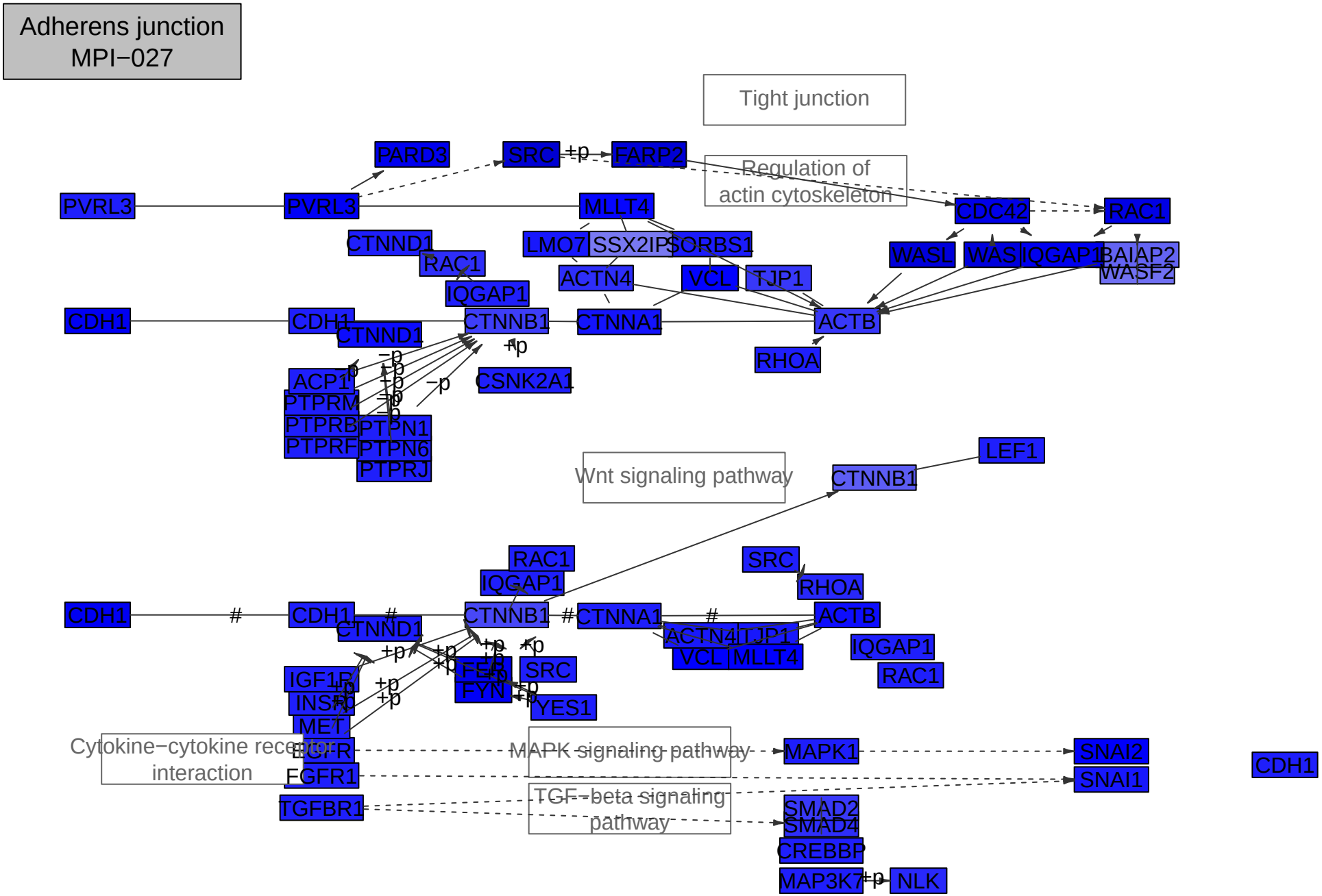
Adherens junction
MPI−005
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
+p
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
RAC1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
+p
RHOA
−p
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
SRC
FYN
YES1
INSR
MET
EGFR
FGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK

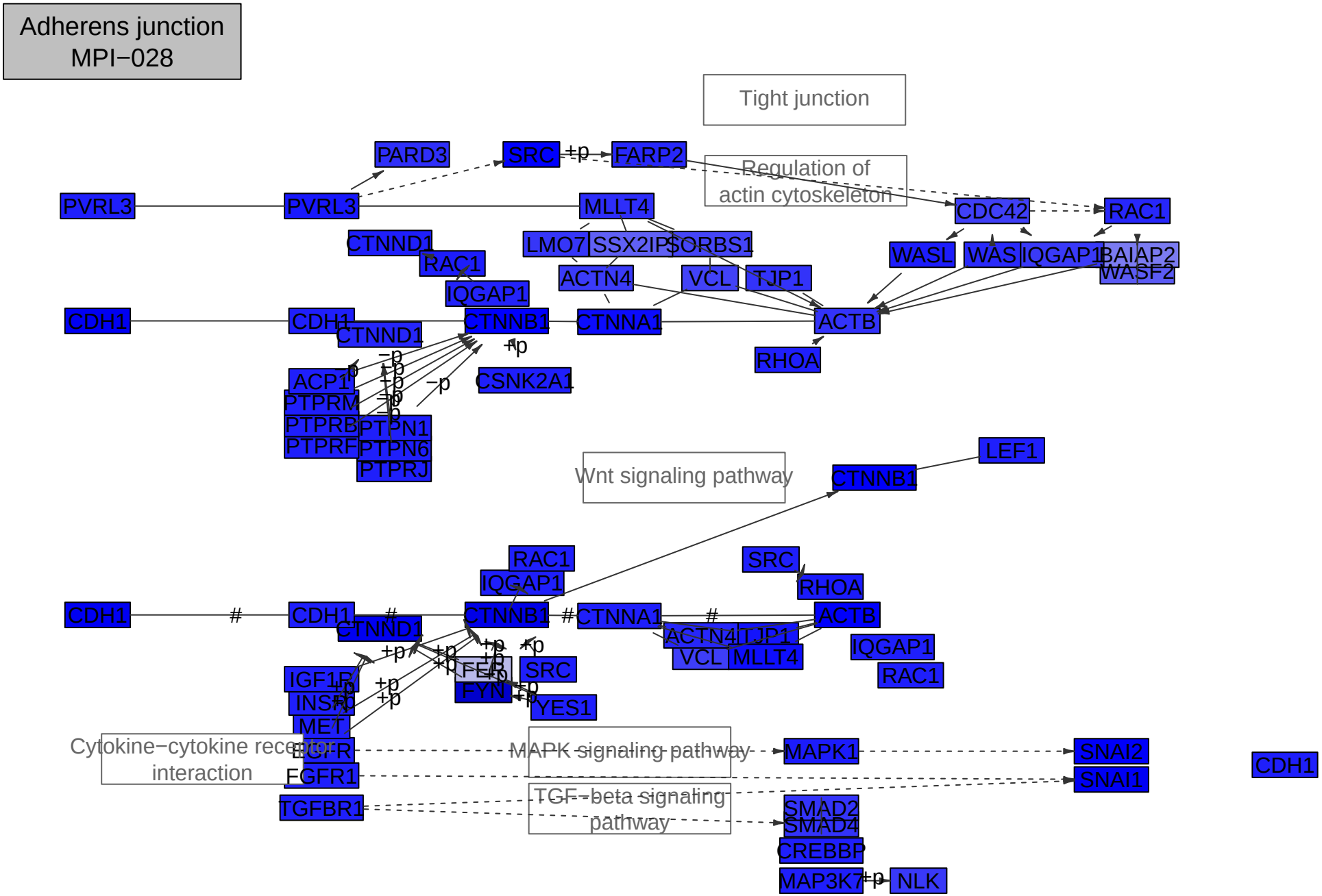

Adherens junction
MPI−006
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
IQGAP1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
RAC1
SRC
RHOA
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

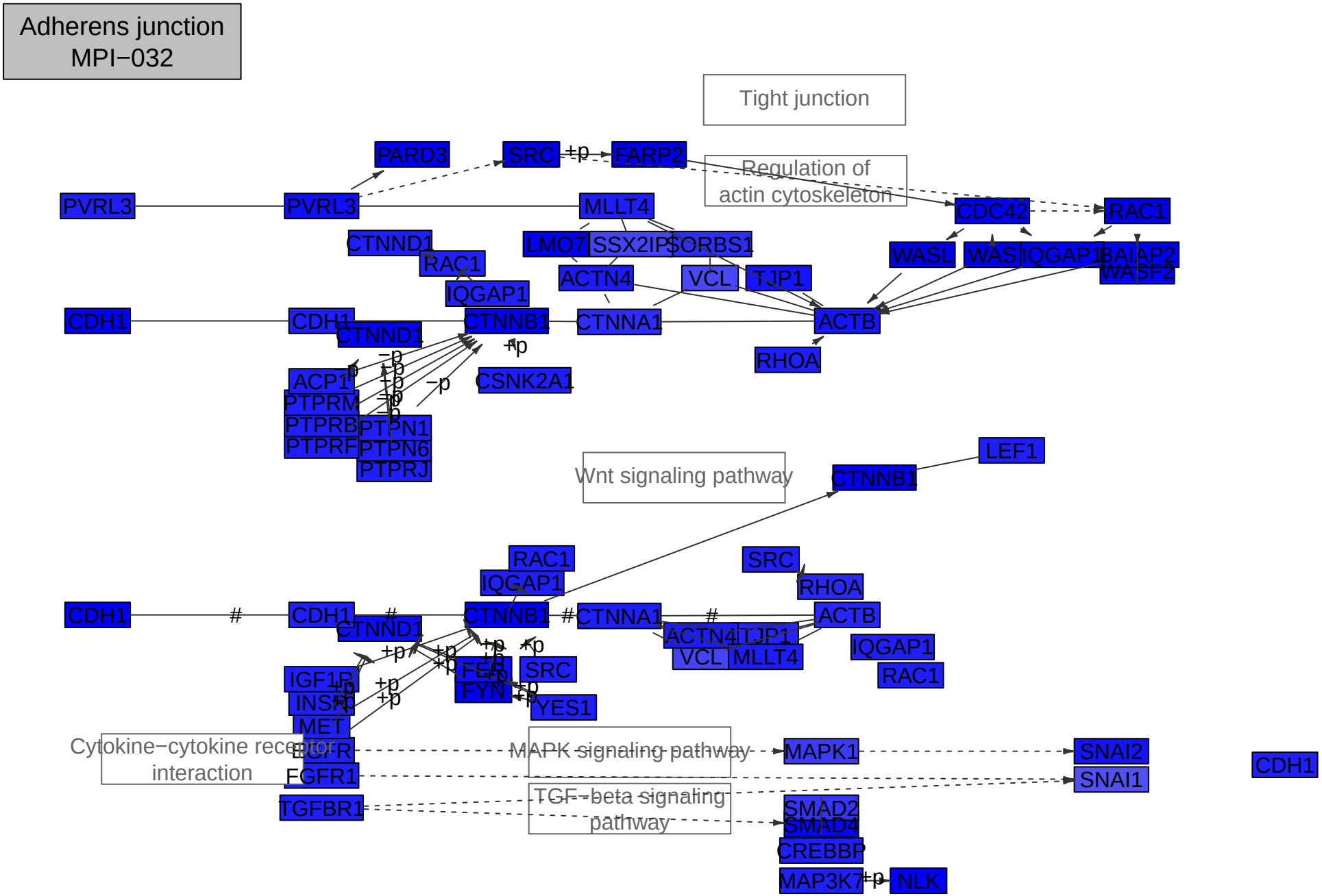

Adherens junction
MPI−016
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

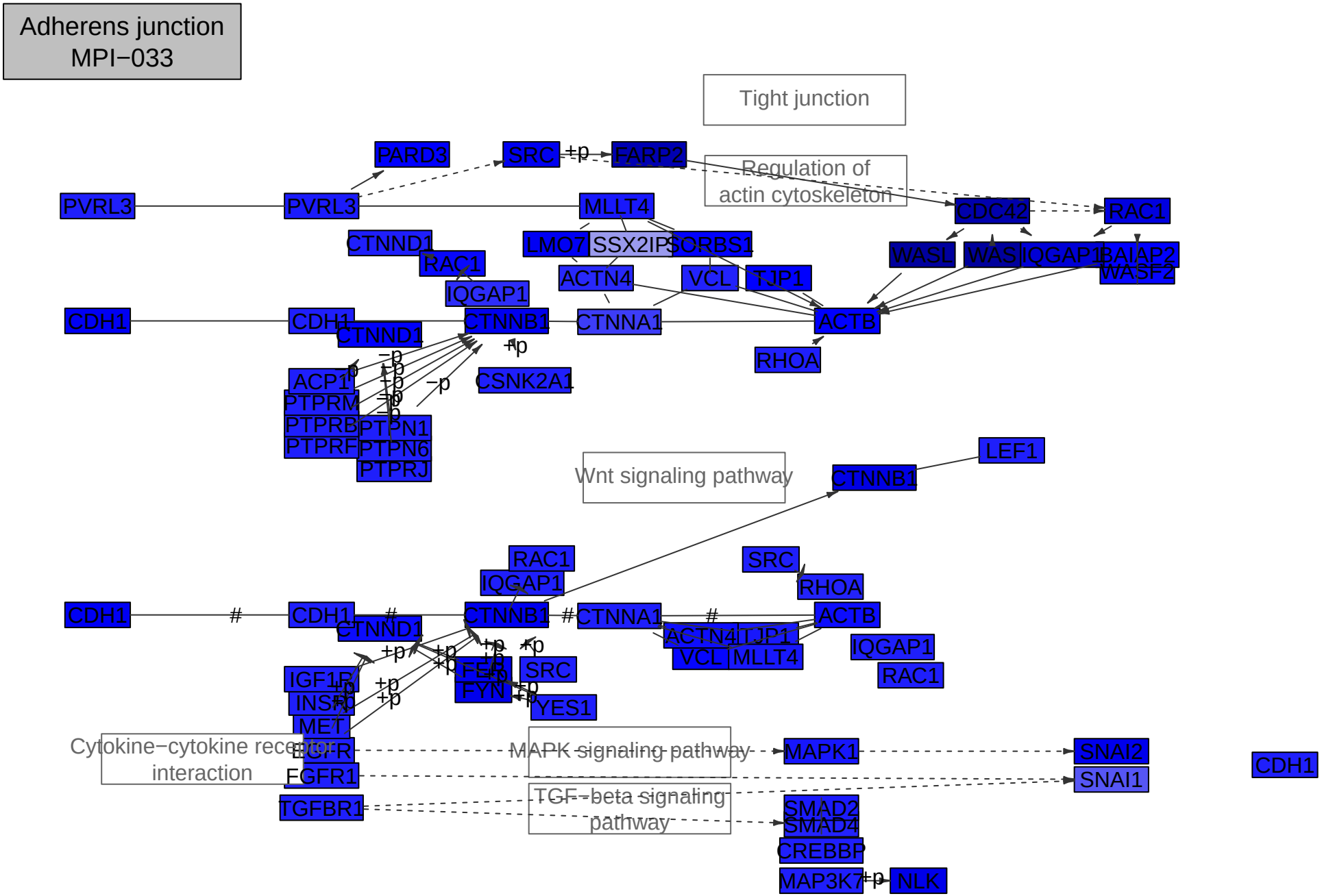

Adherens junction
MPI−017
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

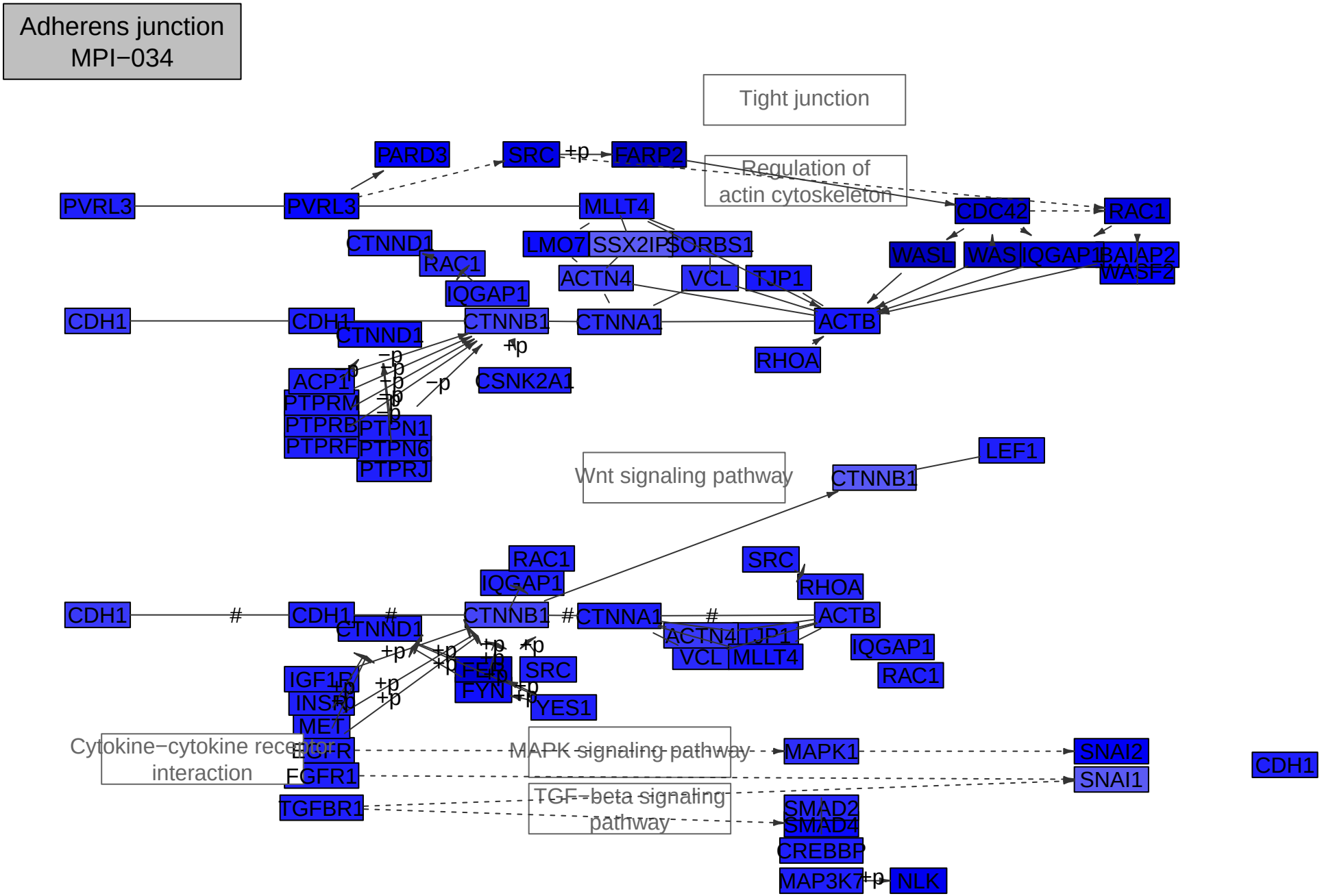

Adherens junction
MPI−018
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

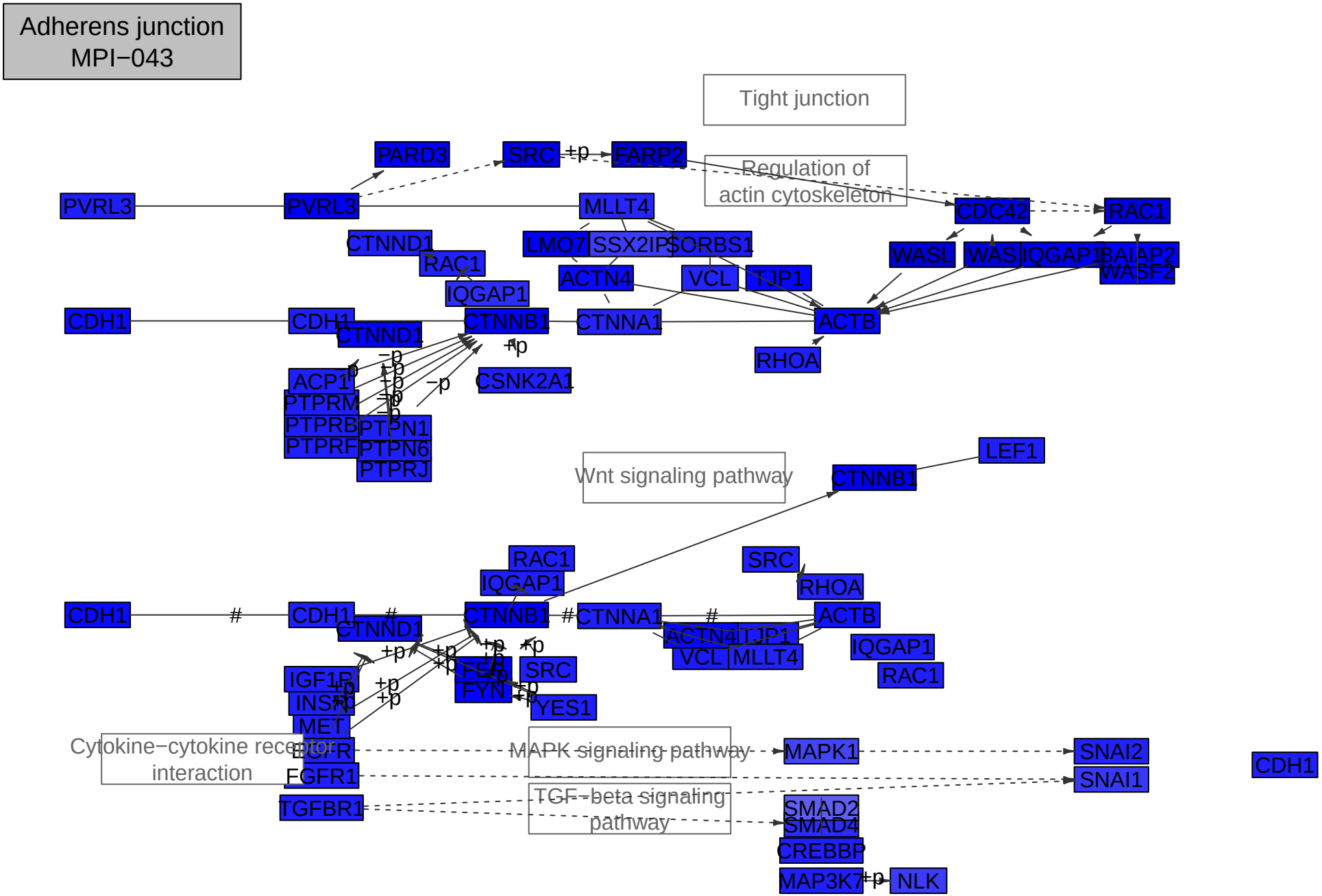

Adherens junction
MPI−027
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
SRC
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−028
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FER
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−032
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−033
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−034
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−043
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
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SMAD4
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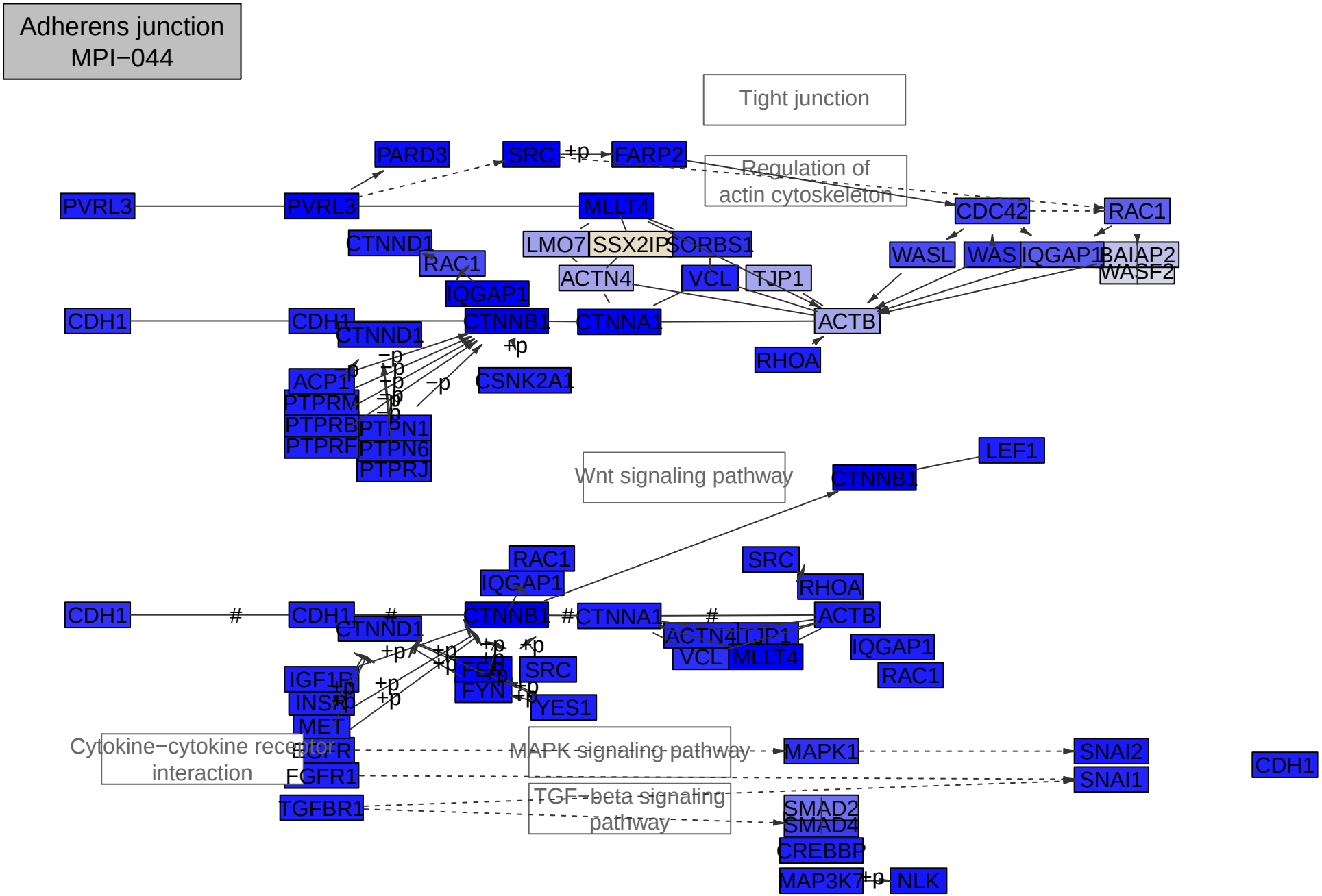
Adherens junction
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Tight junction
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actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
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CDH1
CTNNB1
CTNNA1
ACTB
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ACP1
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PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
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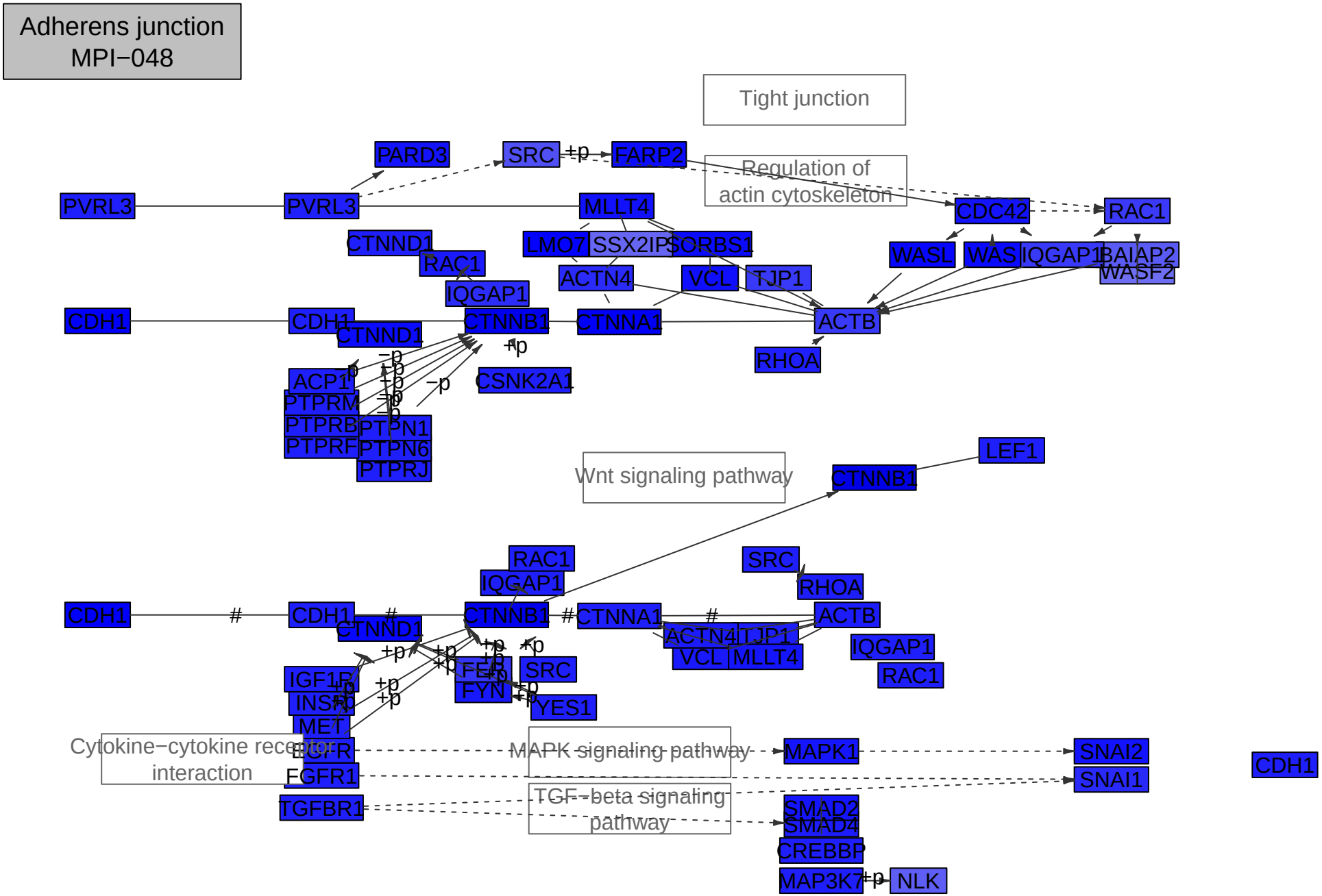
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Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
PVRL3
MLLT4
CDC42
RAC1
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WASF2
RAC1
ACTN4
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CDH1
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ACP1
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ACTB
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ACTN4
TJP1
IQGAP1
VCL
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SRC
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FYN
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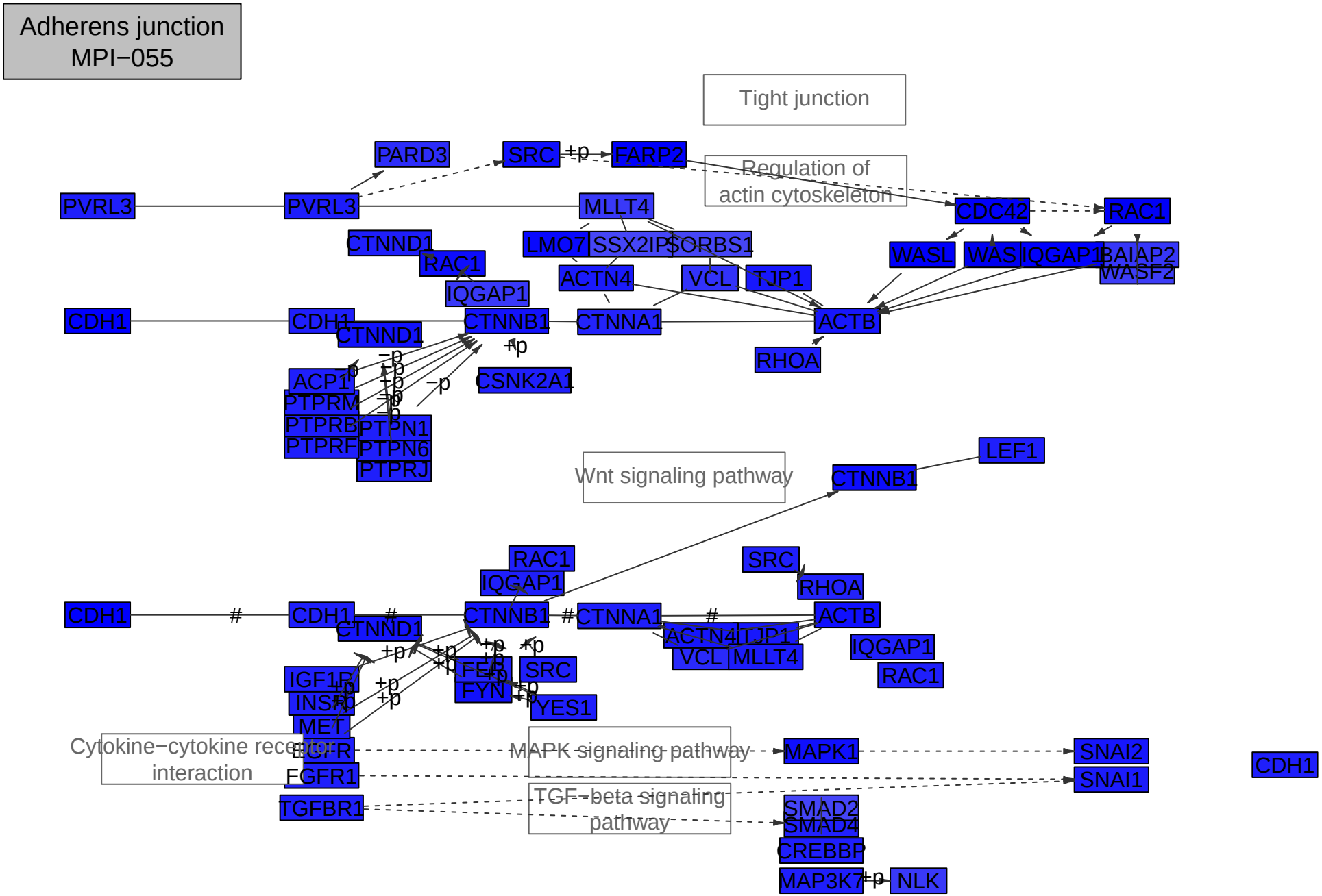
SMAD4
CREBBP
MAP3K7
NLK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actin cytoskeleton
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Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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CDC42
RAC1
CTNND1
LMO7
SSX2IP
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BAIAP2
WASF2
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CDH1
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PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
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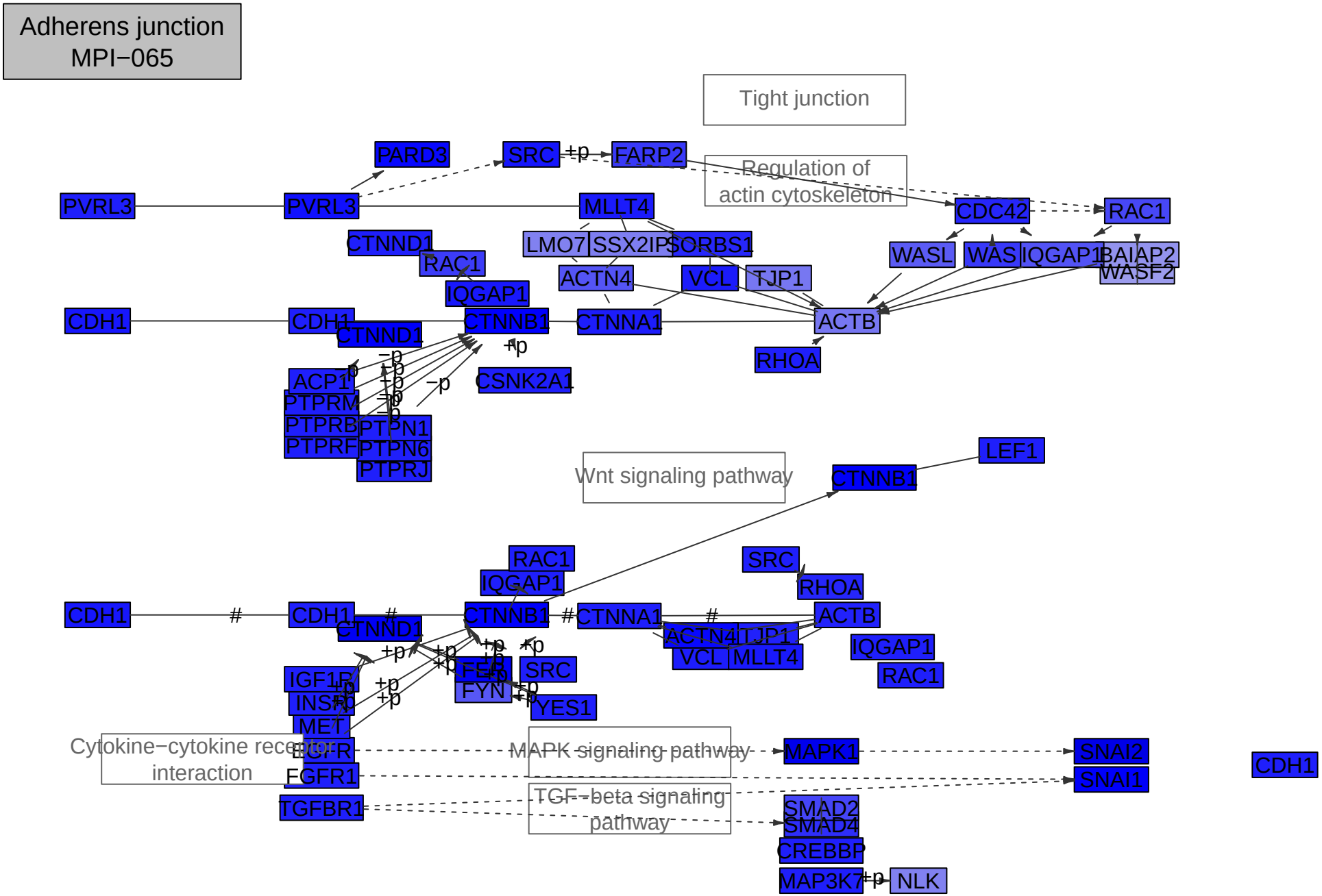
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MPI−065
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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LMO7
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BAIAP2
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ACTN4
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ACTB
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ACP1
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PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
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SMAD2
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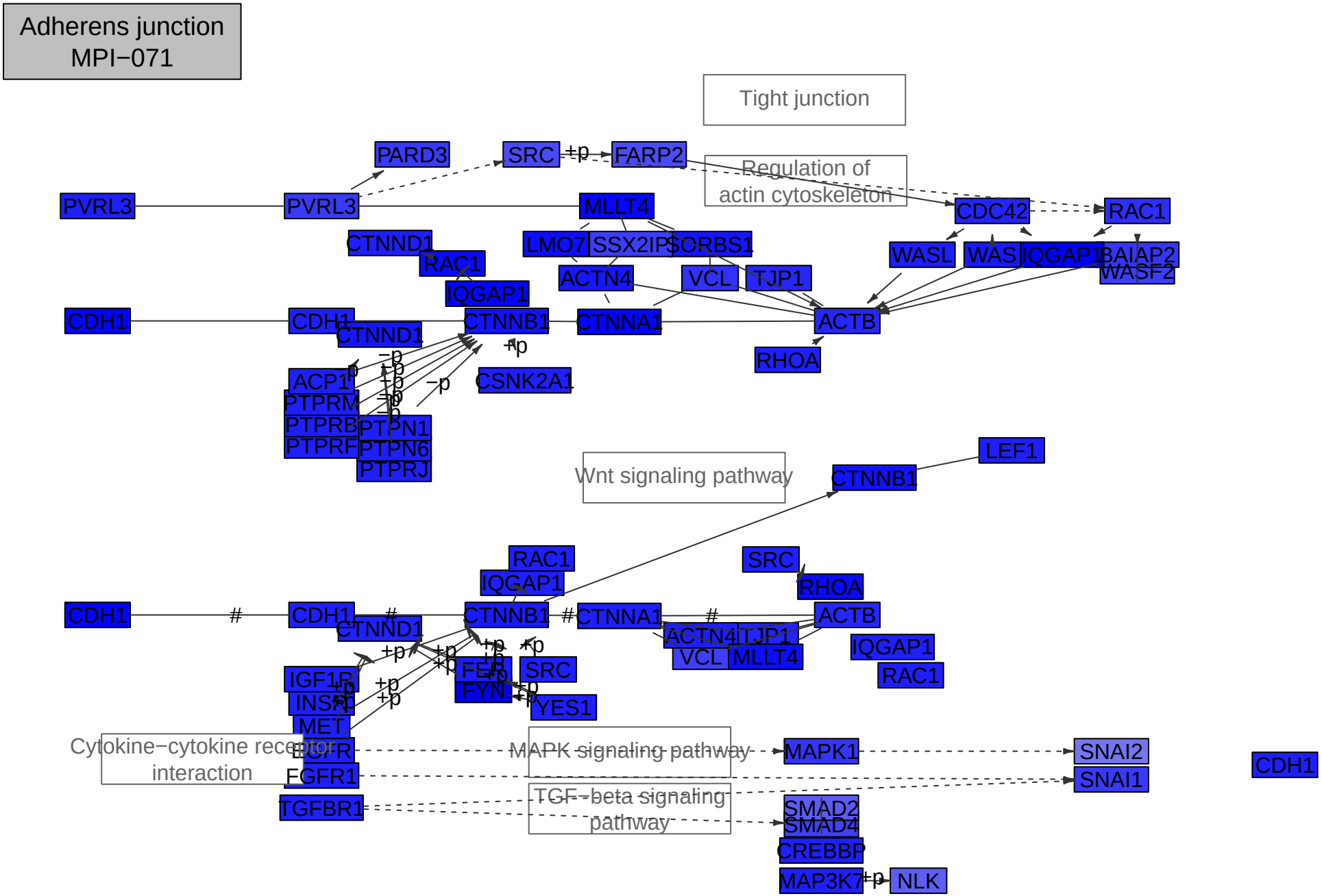
Adherens junction
MPI−071
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
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WAS
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BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
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CTNNA1
ACTB
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ACP1
CSNK2A1
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PTPN6
PTPRJ
LEF1
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RAC1
IQGAP1
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CDH1
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VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
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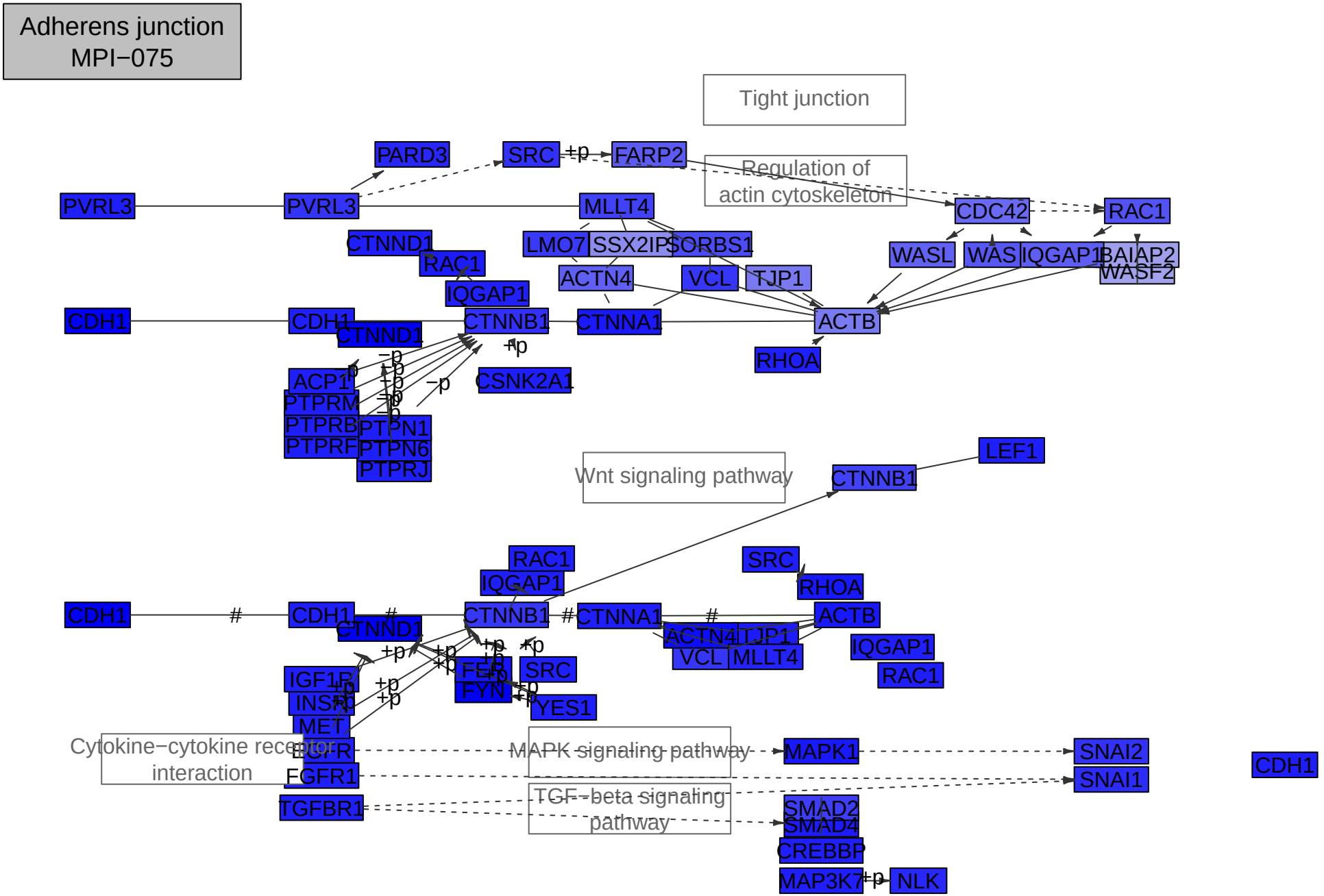

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Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
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TGF−beta signaling pathway
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BAIAP2
WASF2
ACTN4
VCL
TJP1
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CDH1
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RHOA
ACP1
CSNK2A1
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PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
FGFR
FGFR1
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MAP3K7
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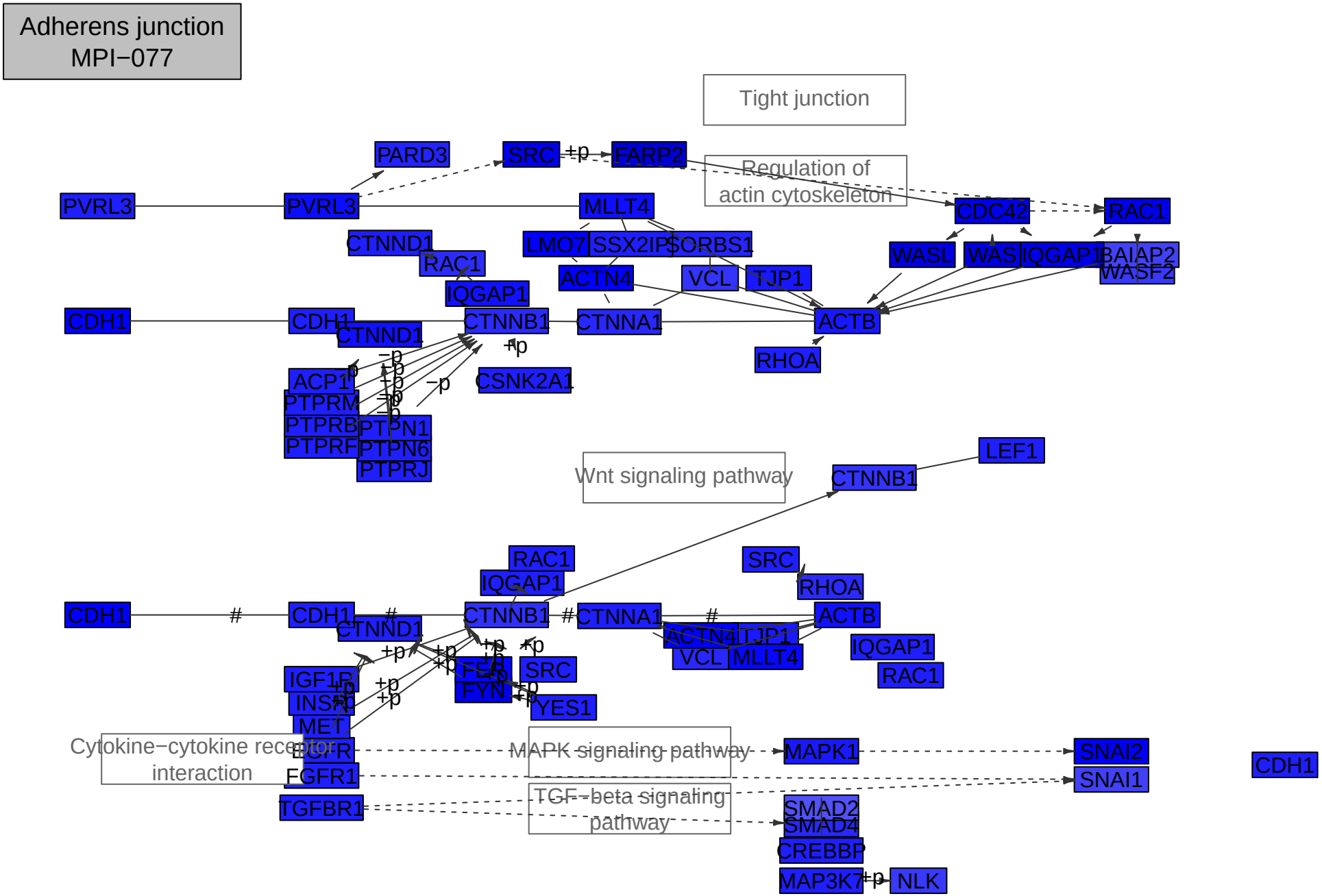
Adherens junction
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Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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MAP3K7
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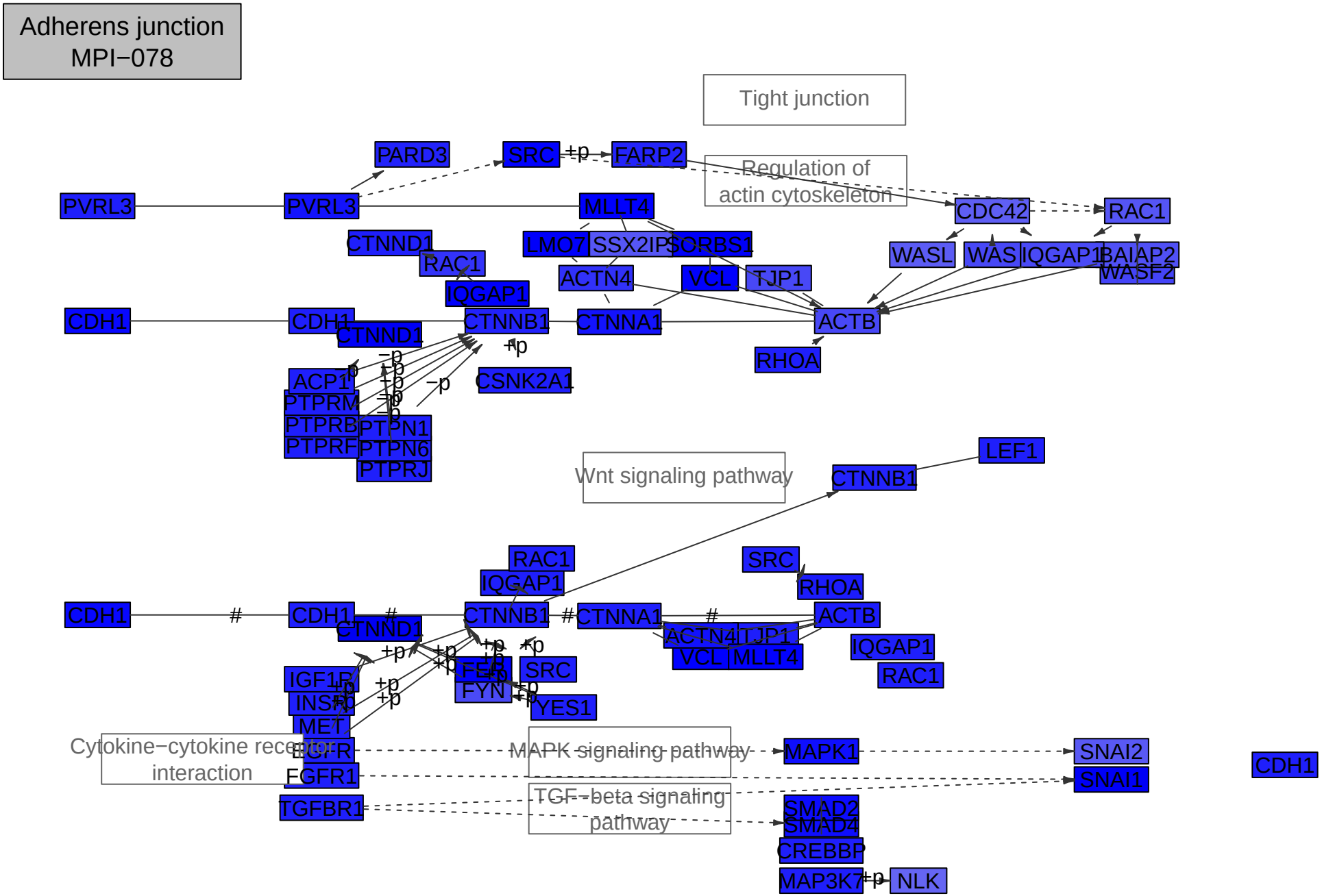
Adherens junction
MPI−078
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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CDC42
RAC1
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SSX2IP
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CDH1
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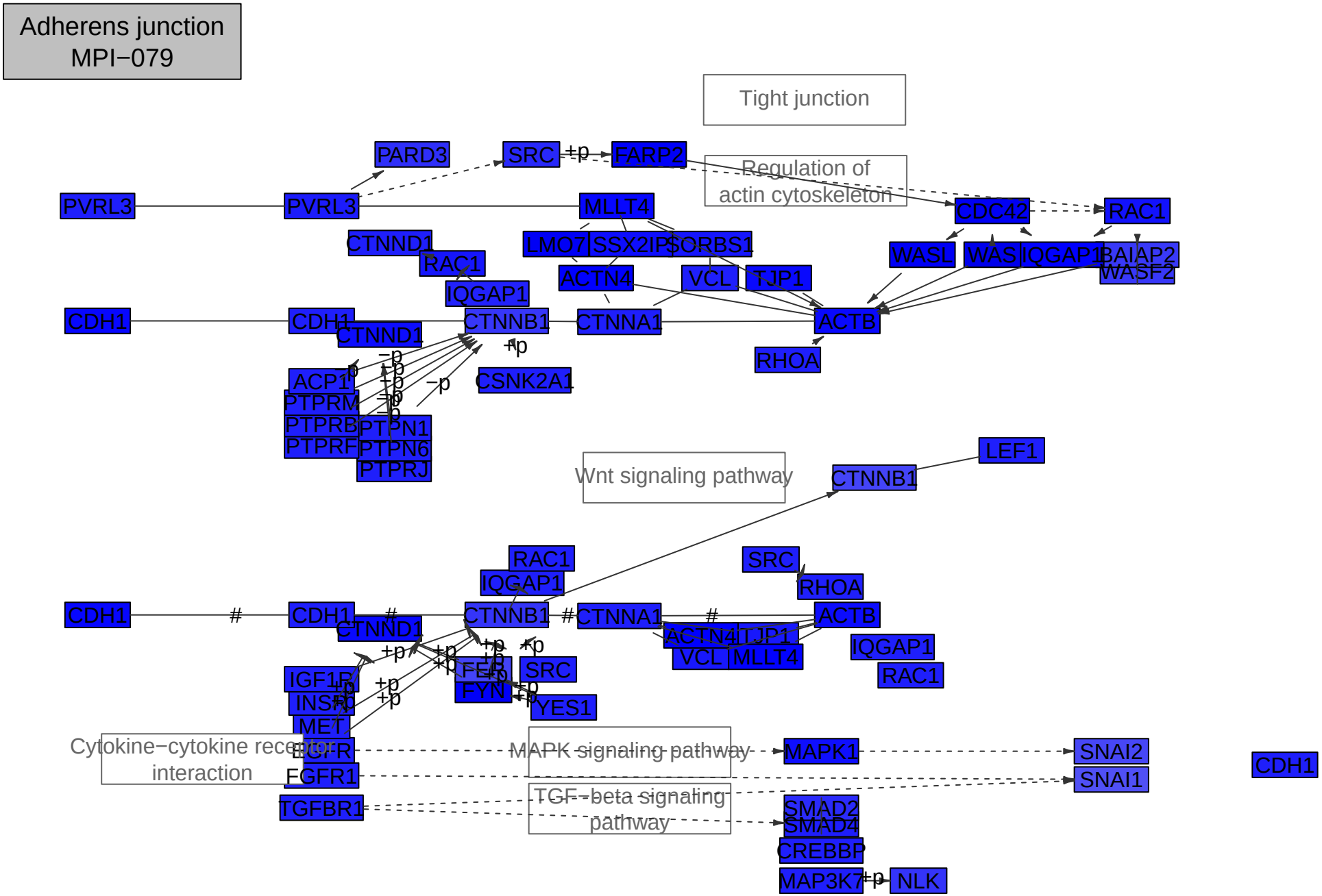
Adherens junction
MPI−079
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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CDC42
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CDH1
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ACTB
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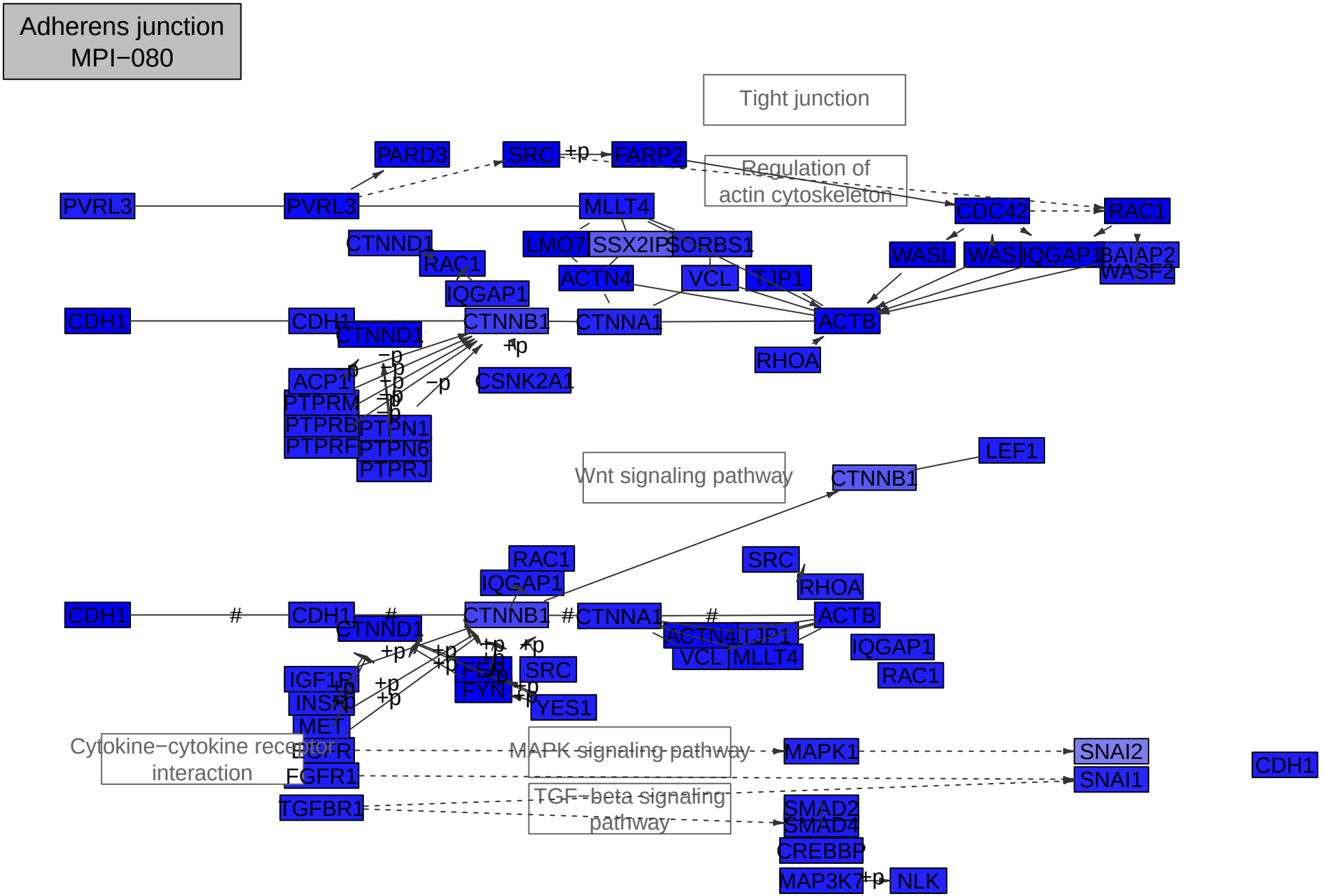
Adherens junction
MPI−080
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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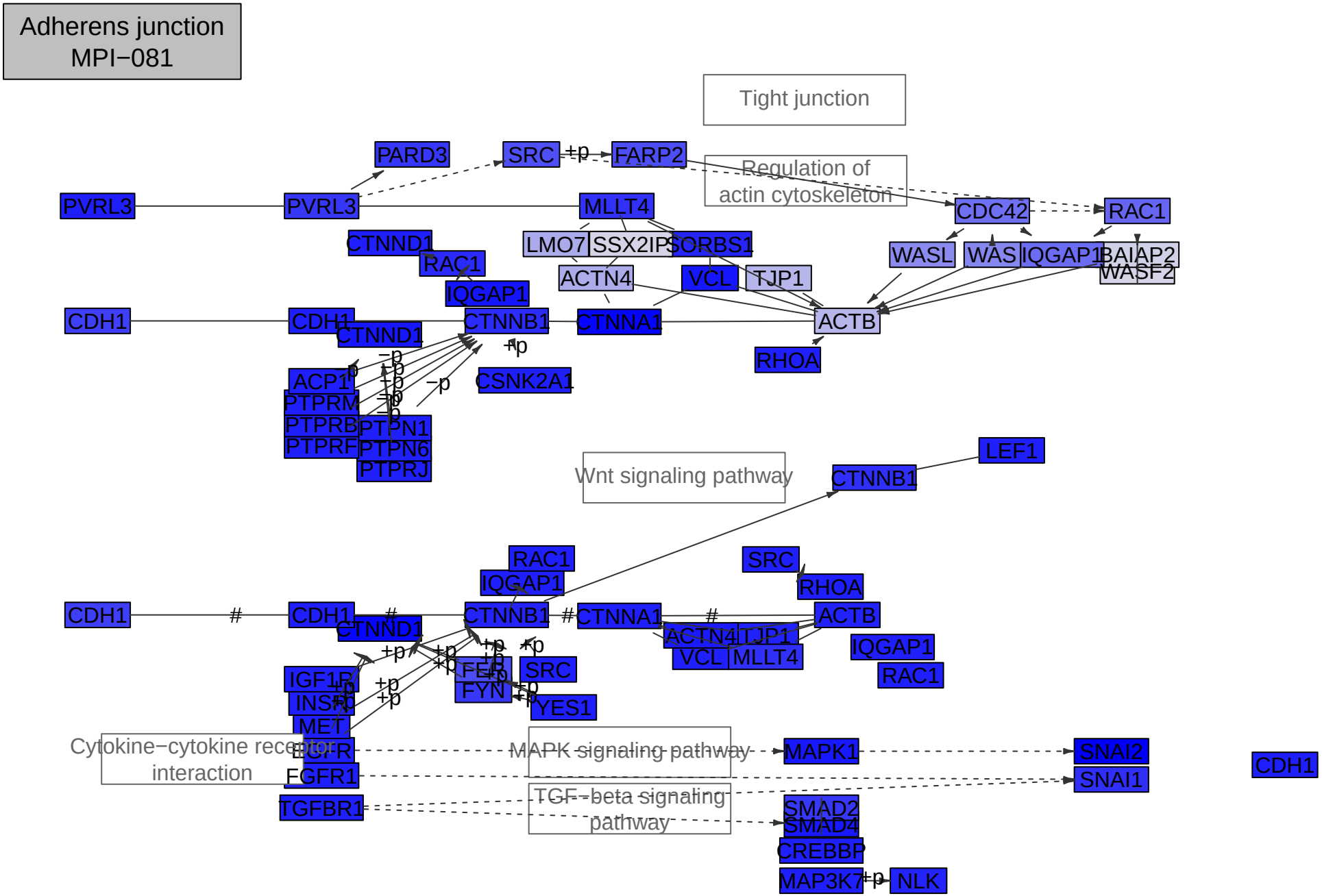
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Regulation of
actin cytoskeleton
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Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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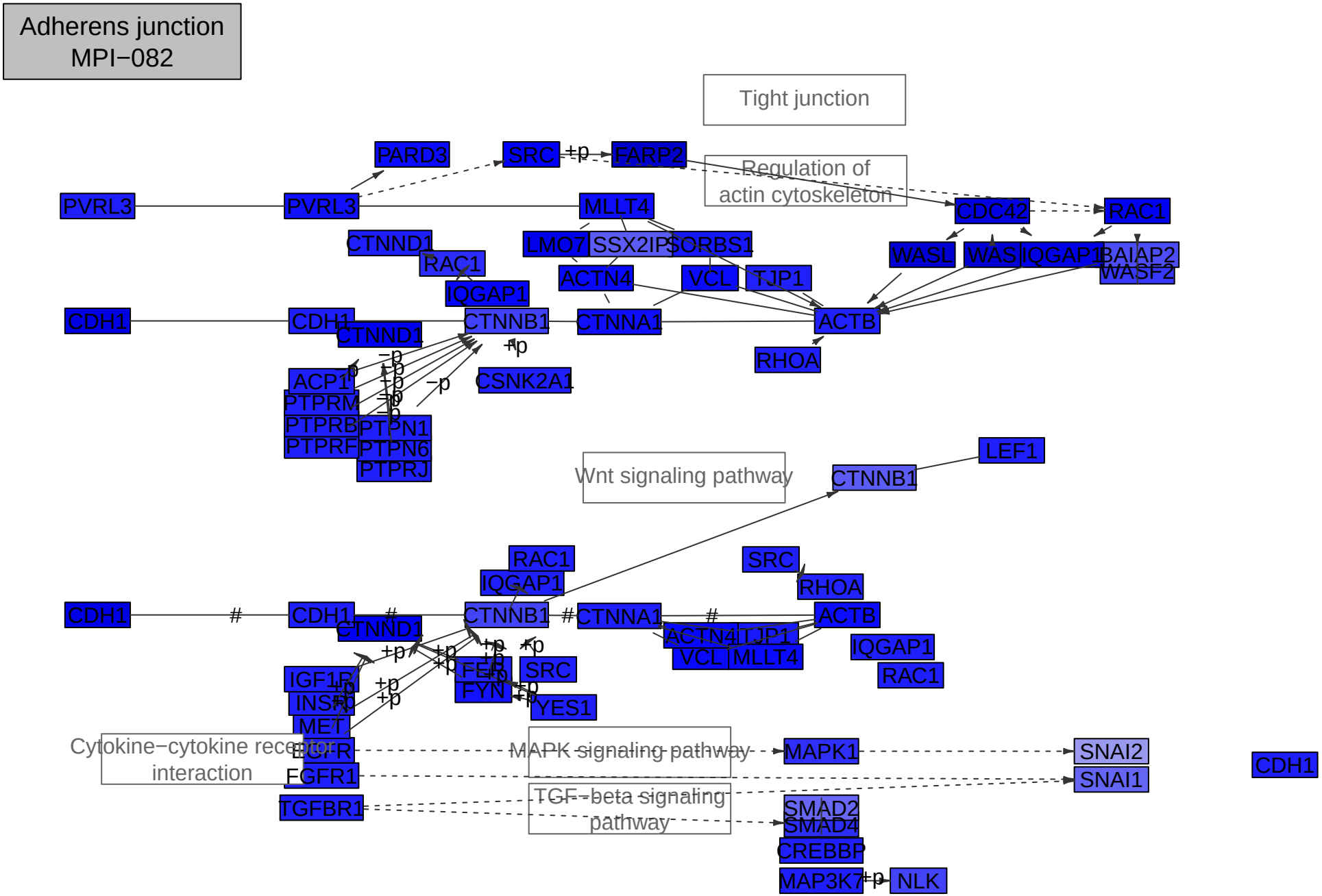
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interaction
MAPK signaling pathway
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pathway
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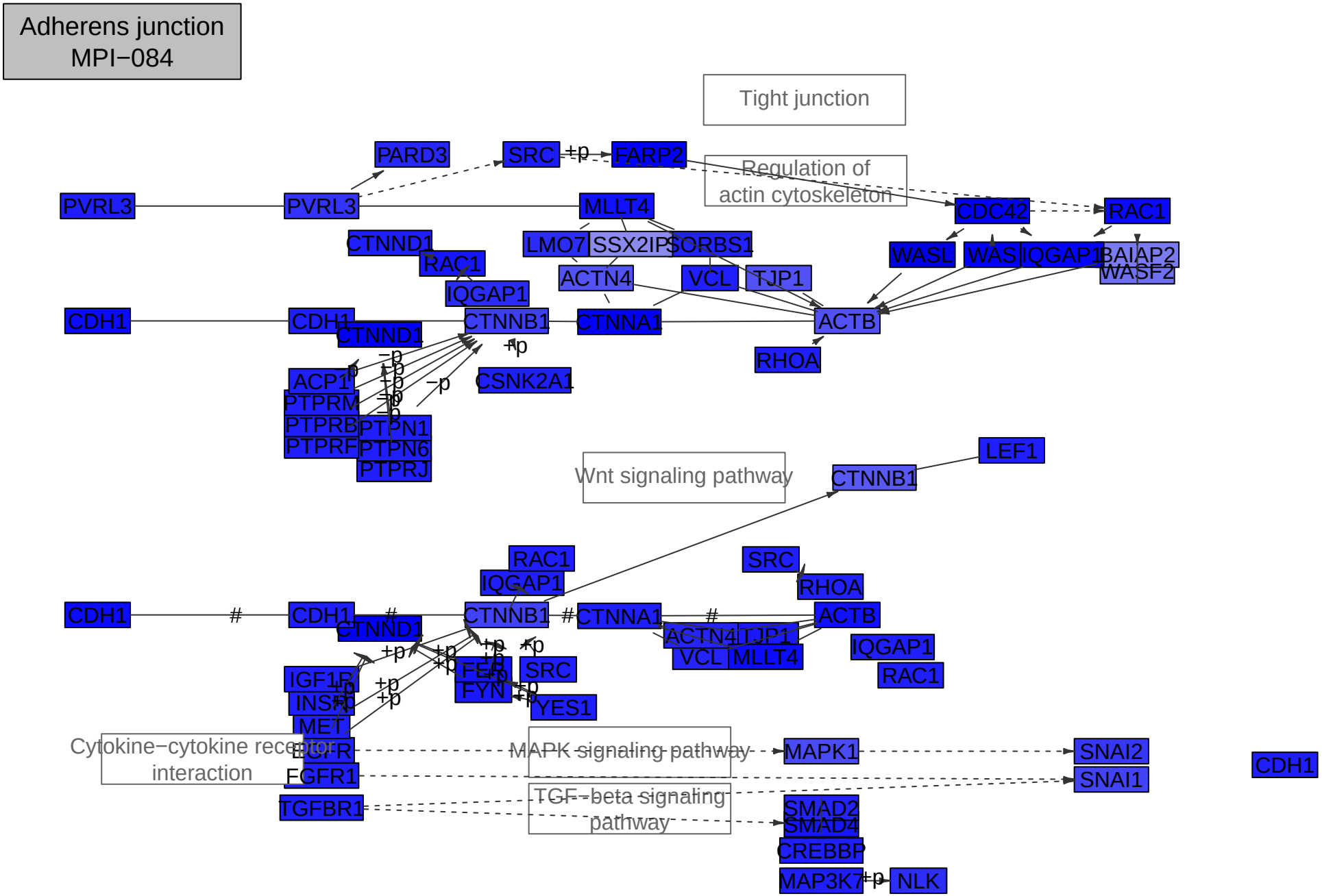
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actin cytoskeleton
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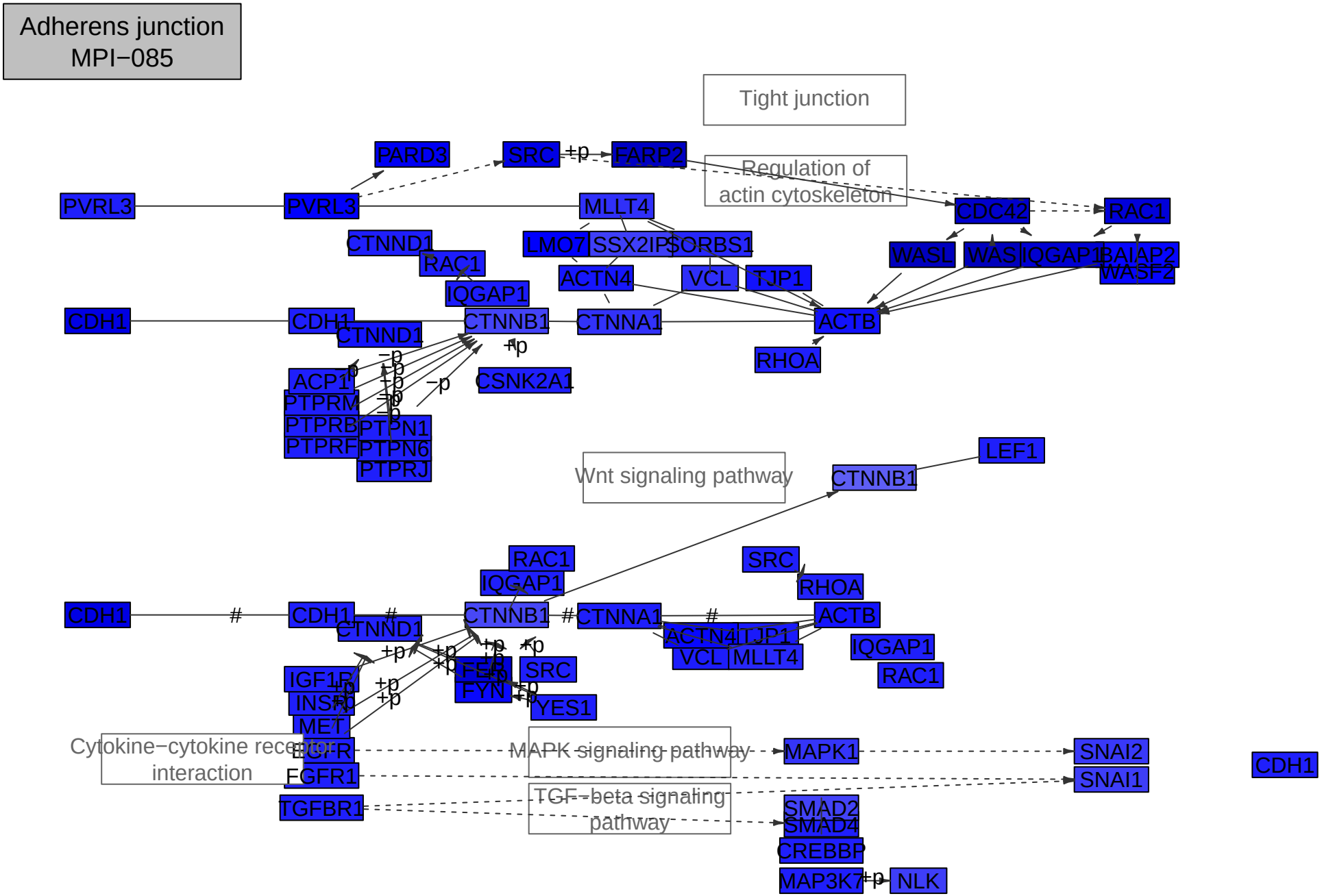
Adherens junction
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Tight junction
Regulation of
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Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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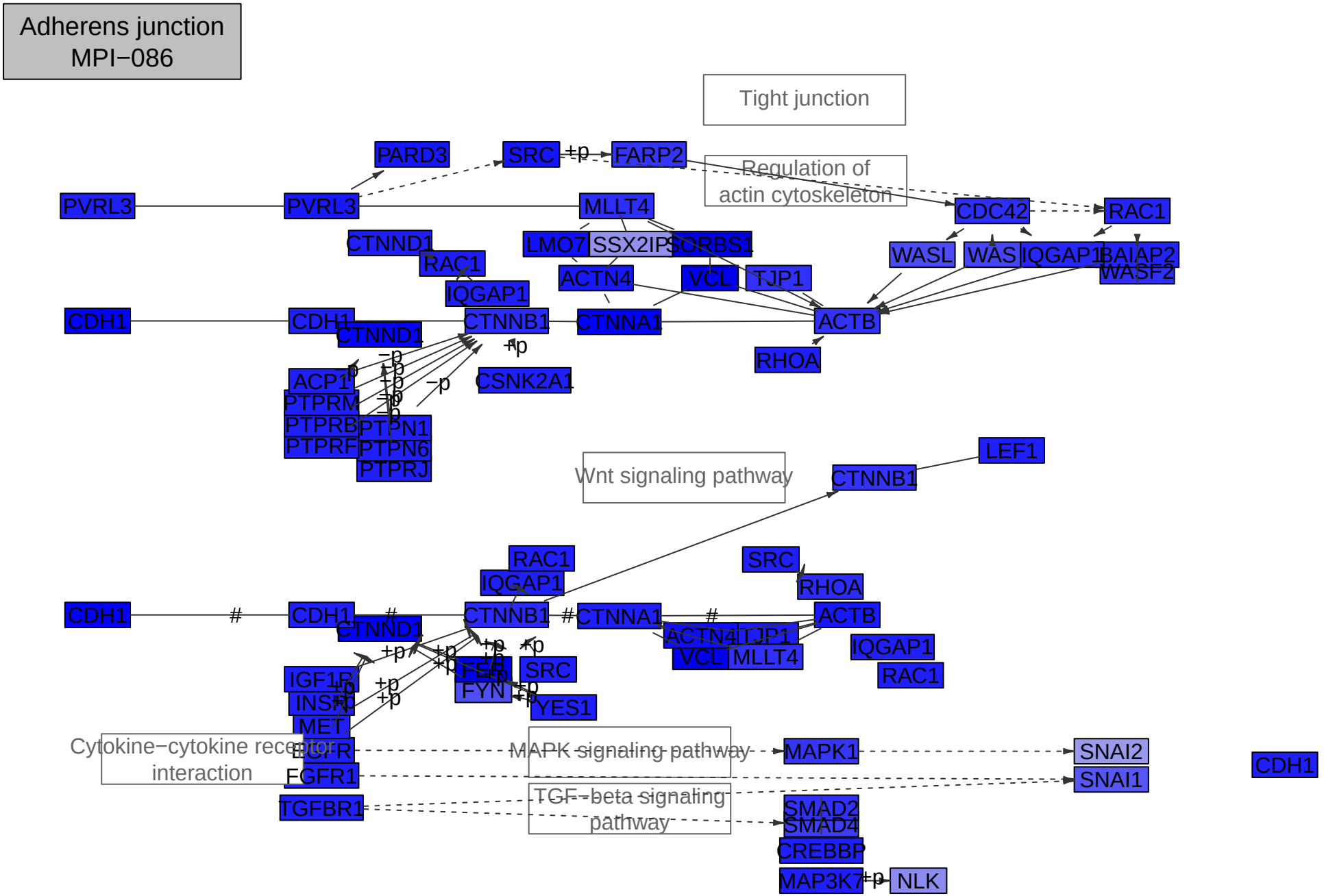
Adherens junction
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Regulation of
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Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
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pathway
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ACTN4
VCL
TJP1
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CDH1
CTNNB1
CTNNA1
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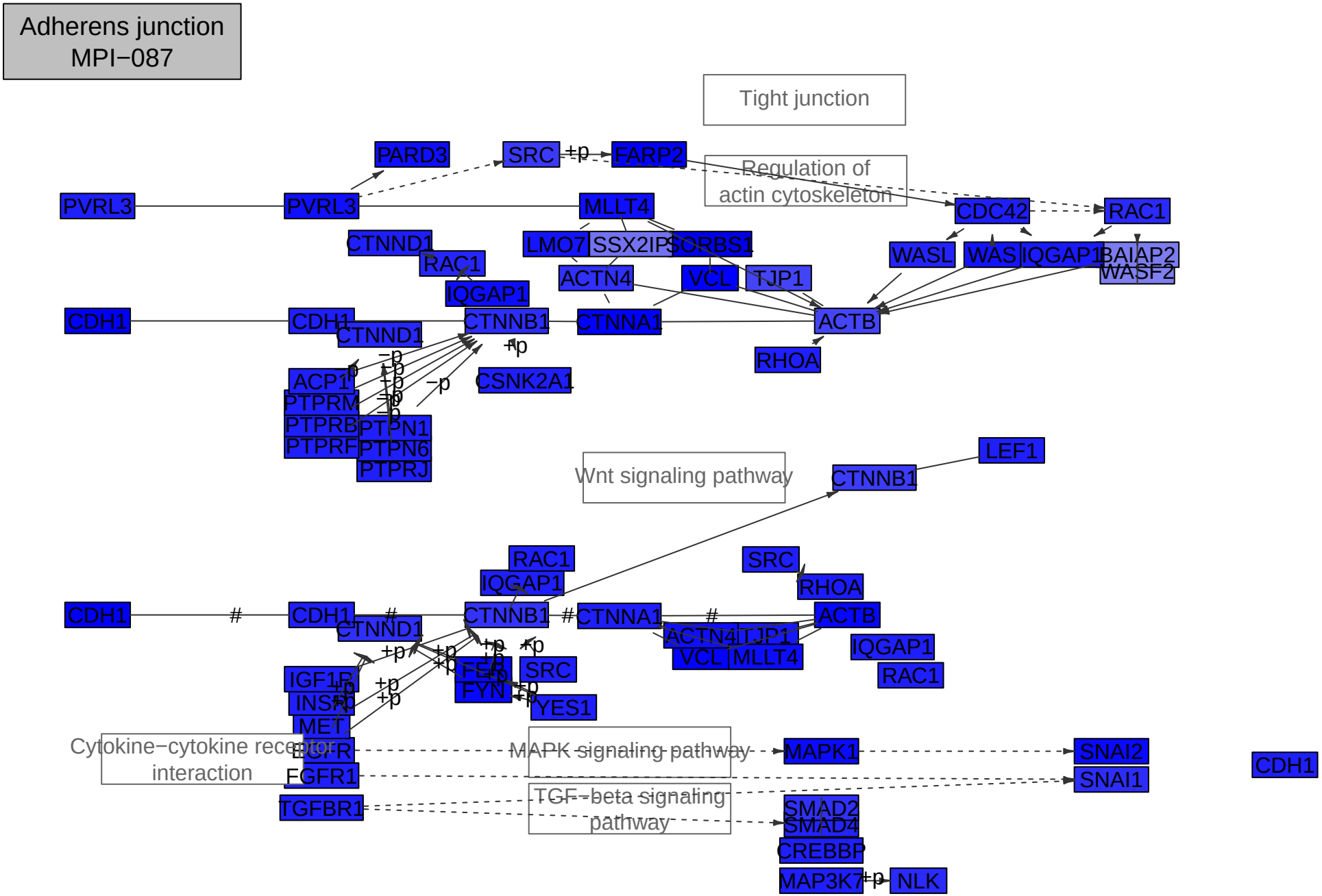
Adherens junction
MPI−087
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Regulation of
actin cytoskeleton
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Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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MLLT4
CDC42
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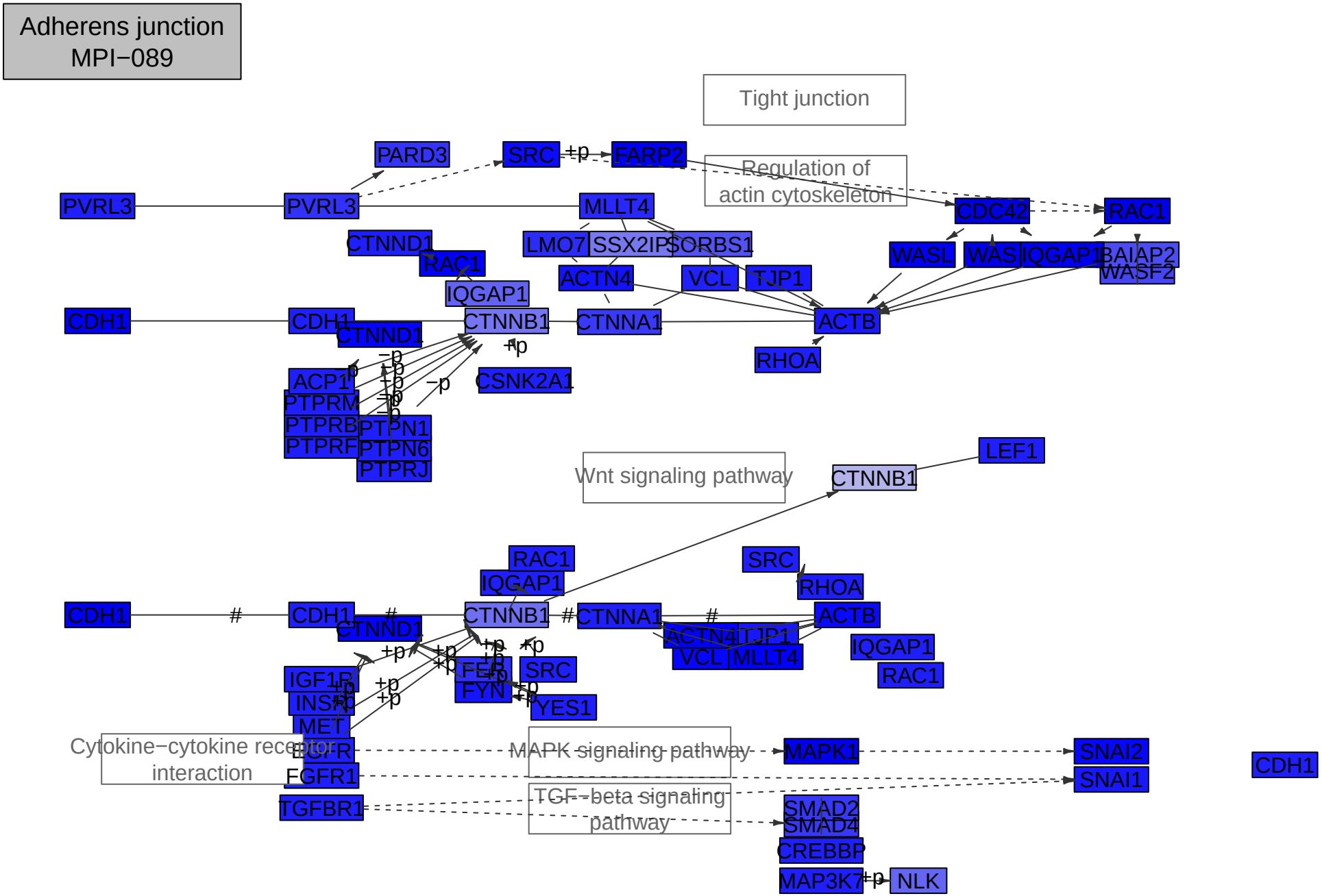
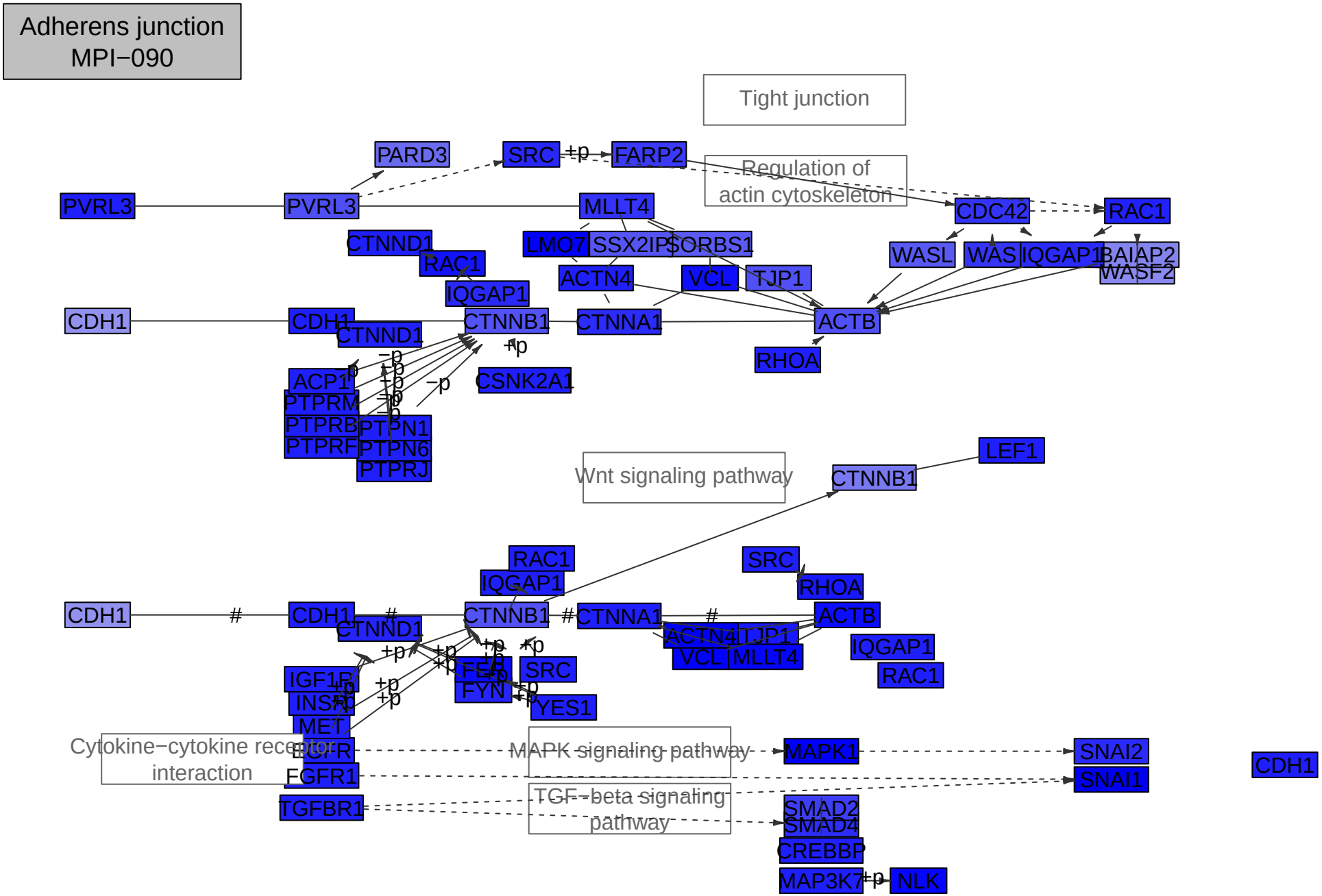
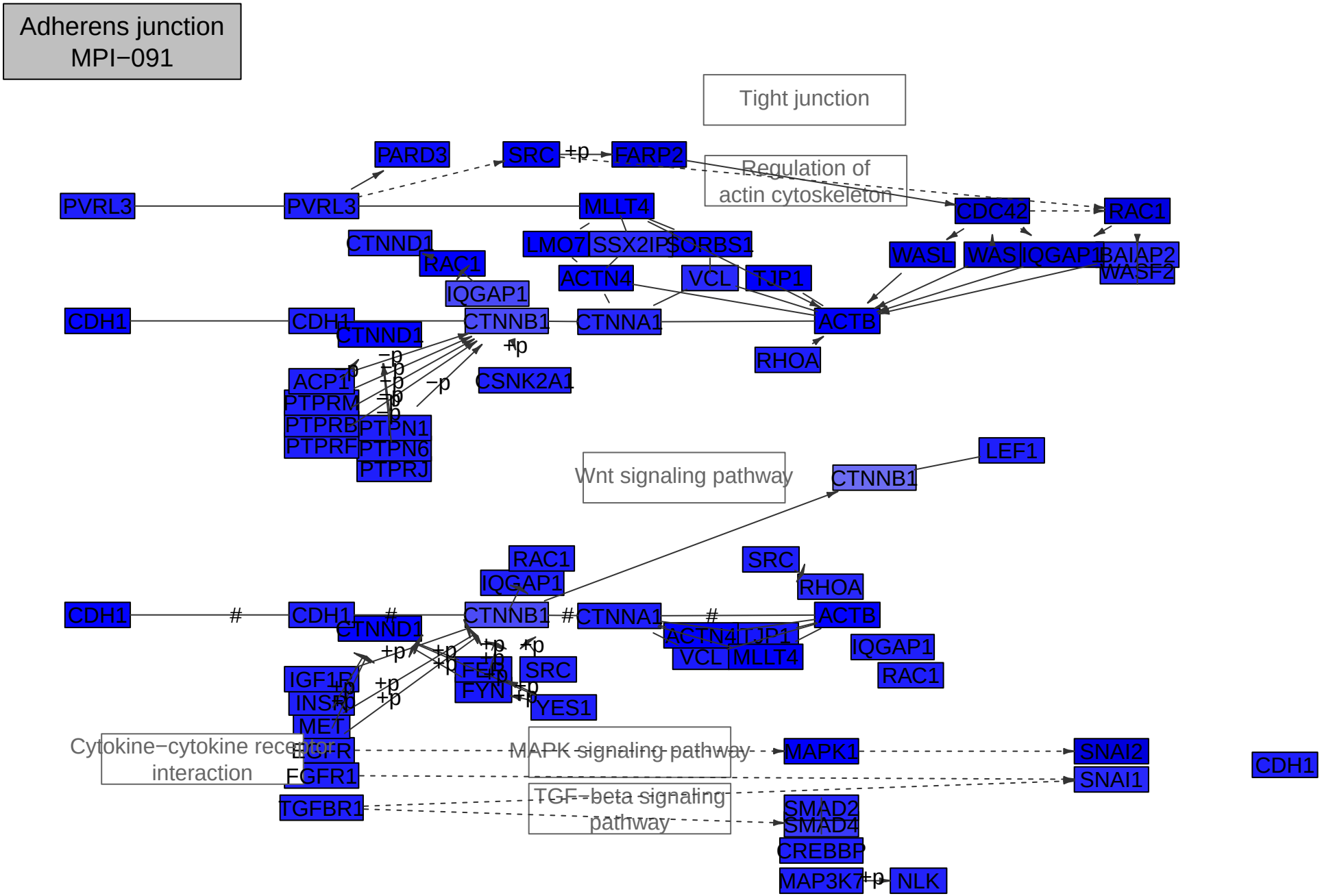
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−089
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−090
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−091
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
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MAPK1
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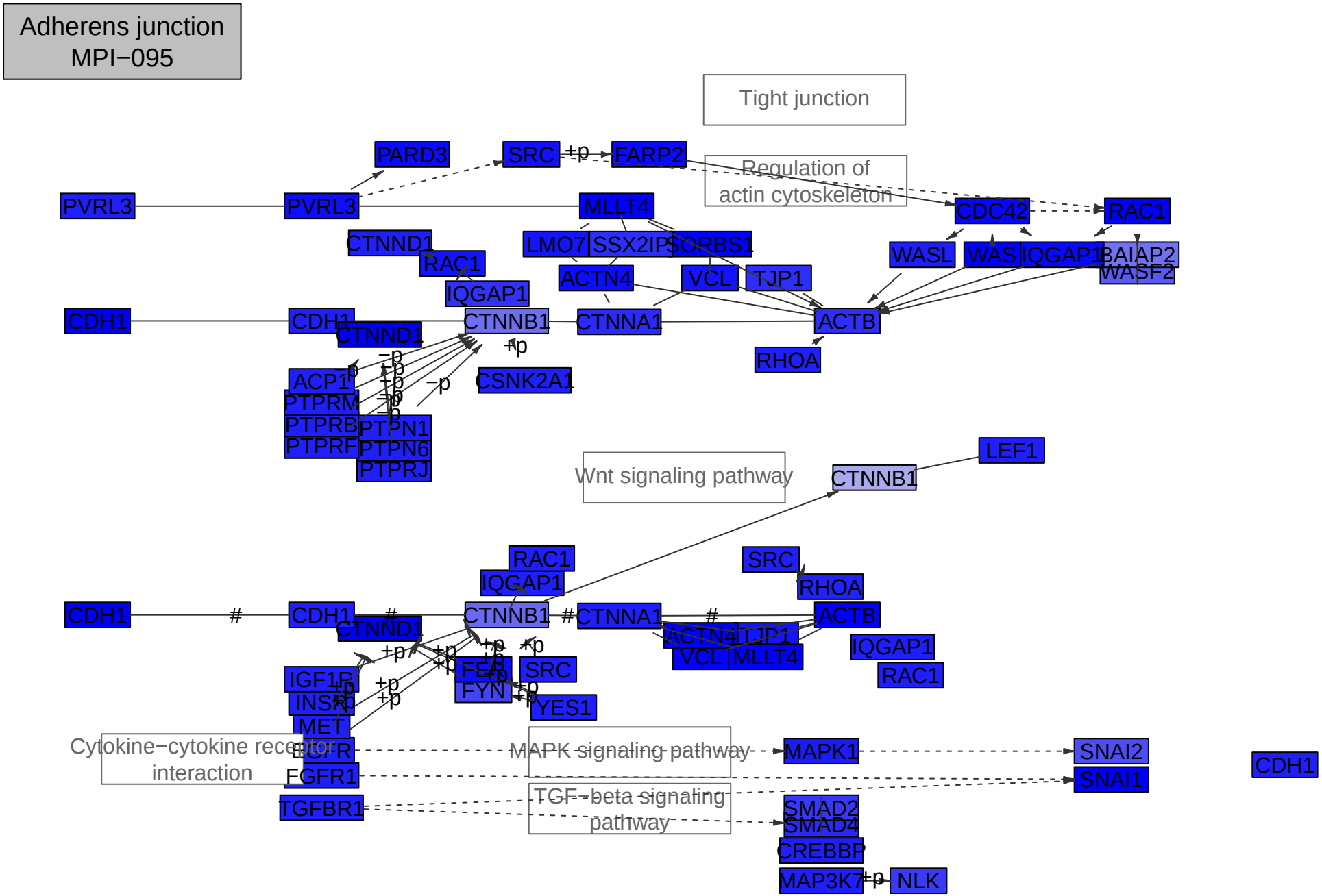
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−095
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
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MAPK1
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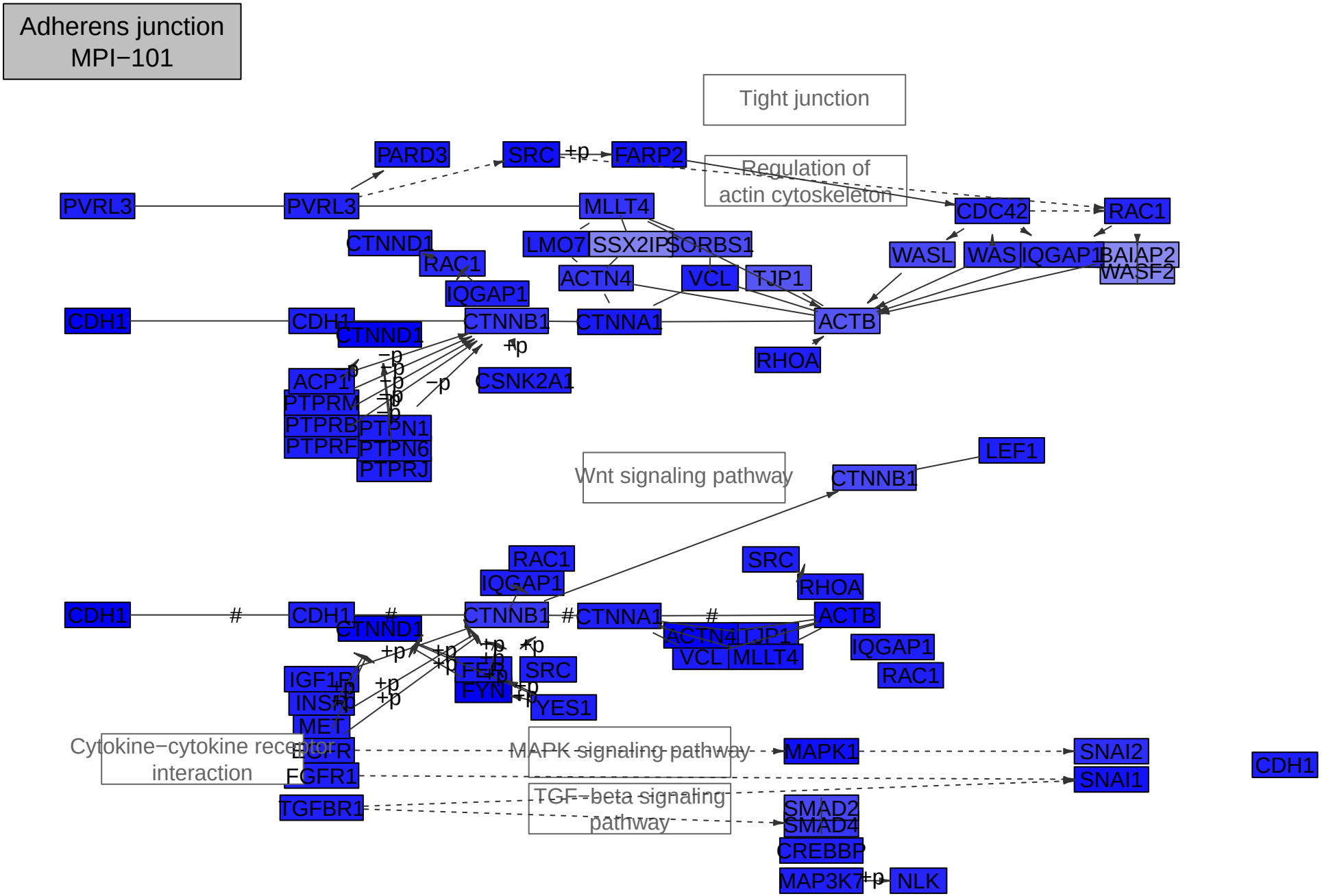
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−101
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
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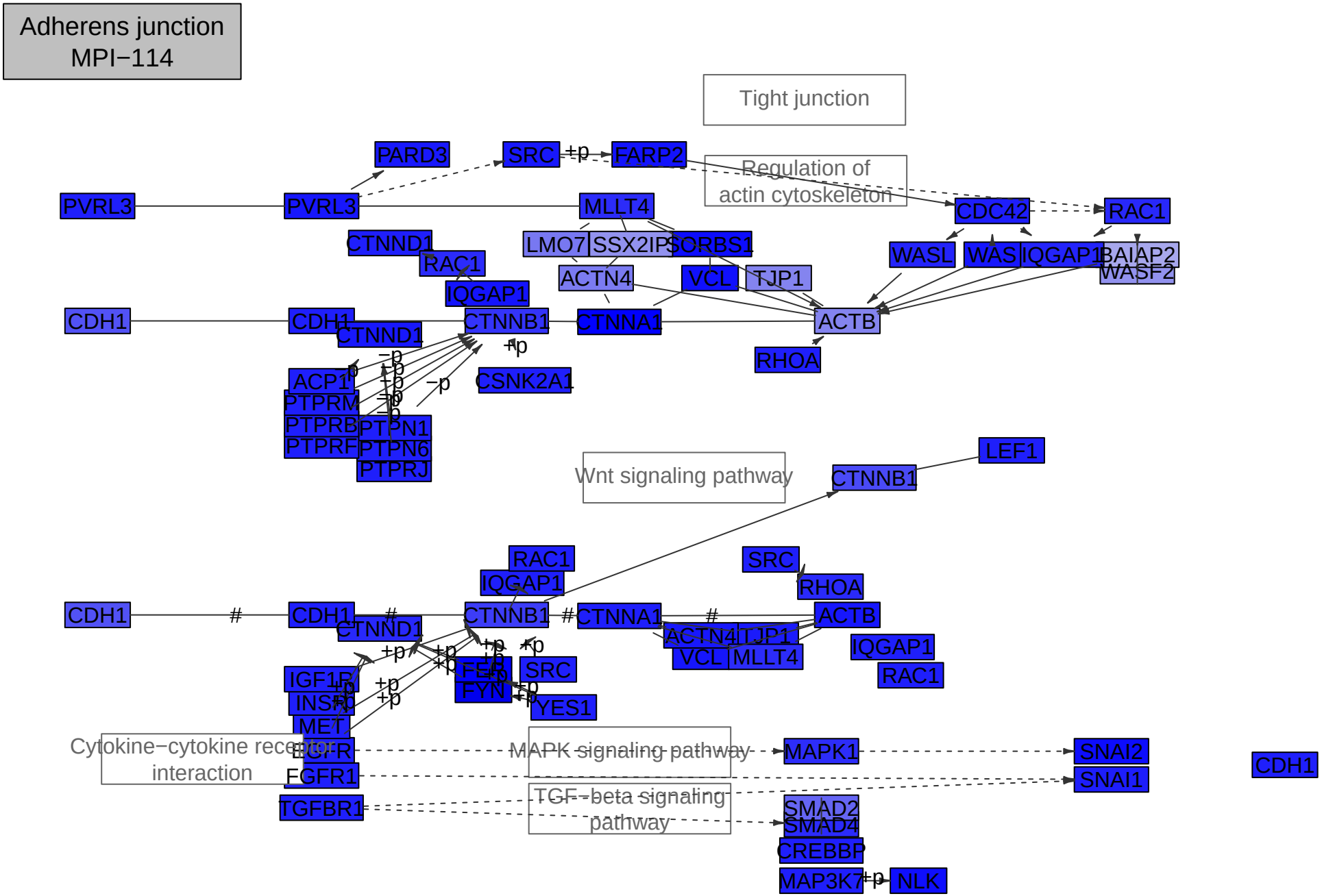
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−114
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
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MAPK1
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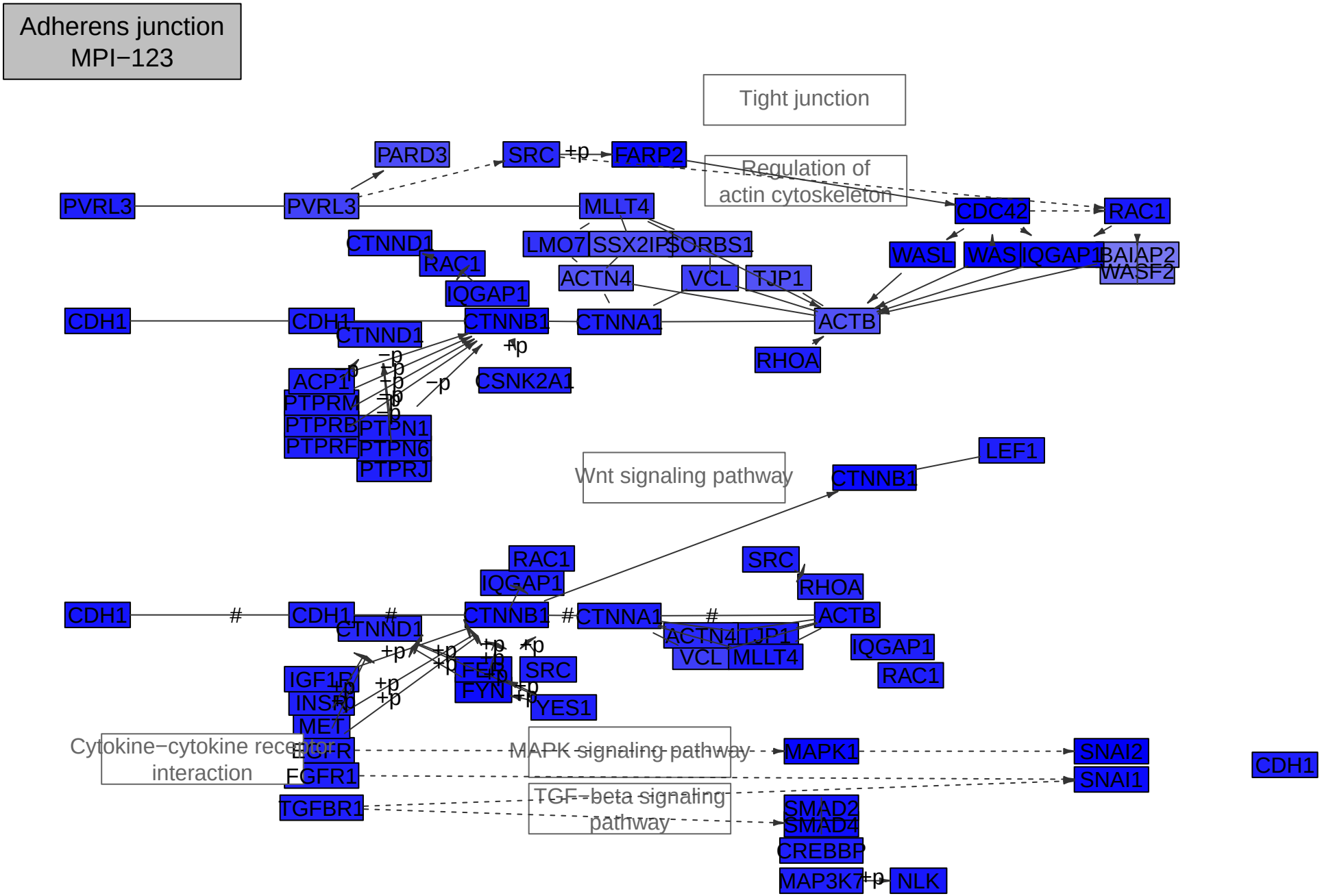
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−123
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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FES
FYN
YES1
MAPK1
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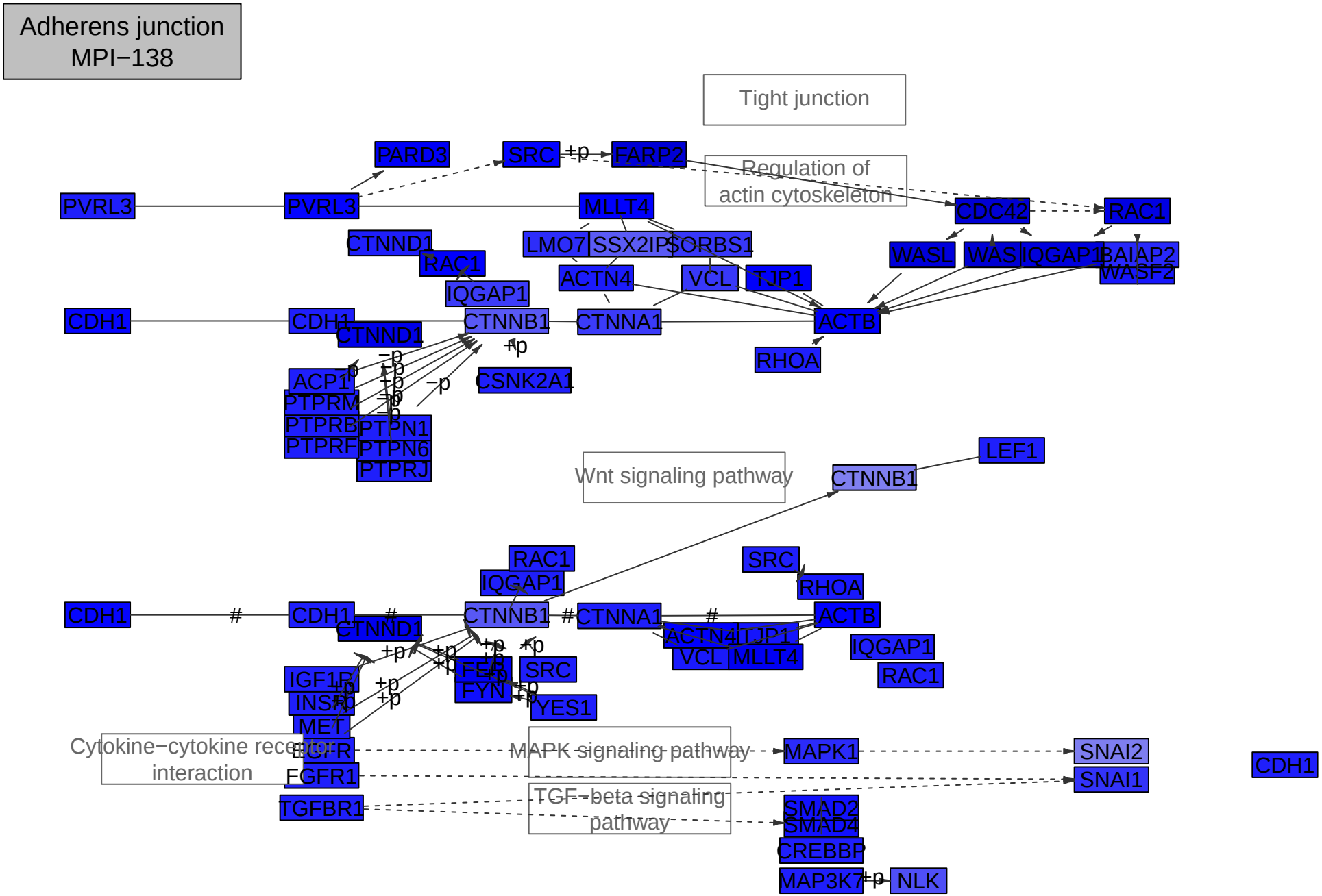
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−138
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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FES
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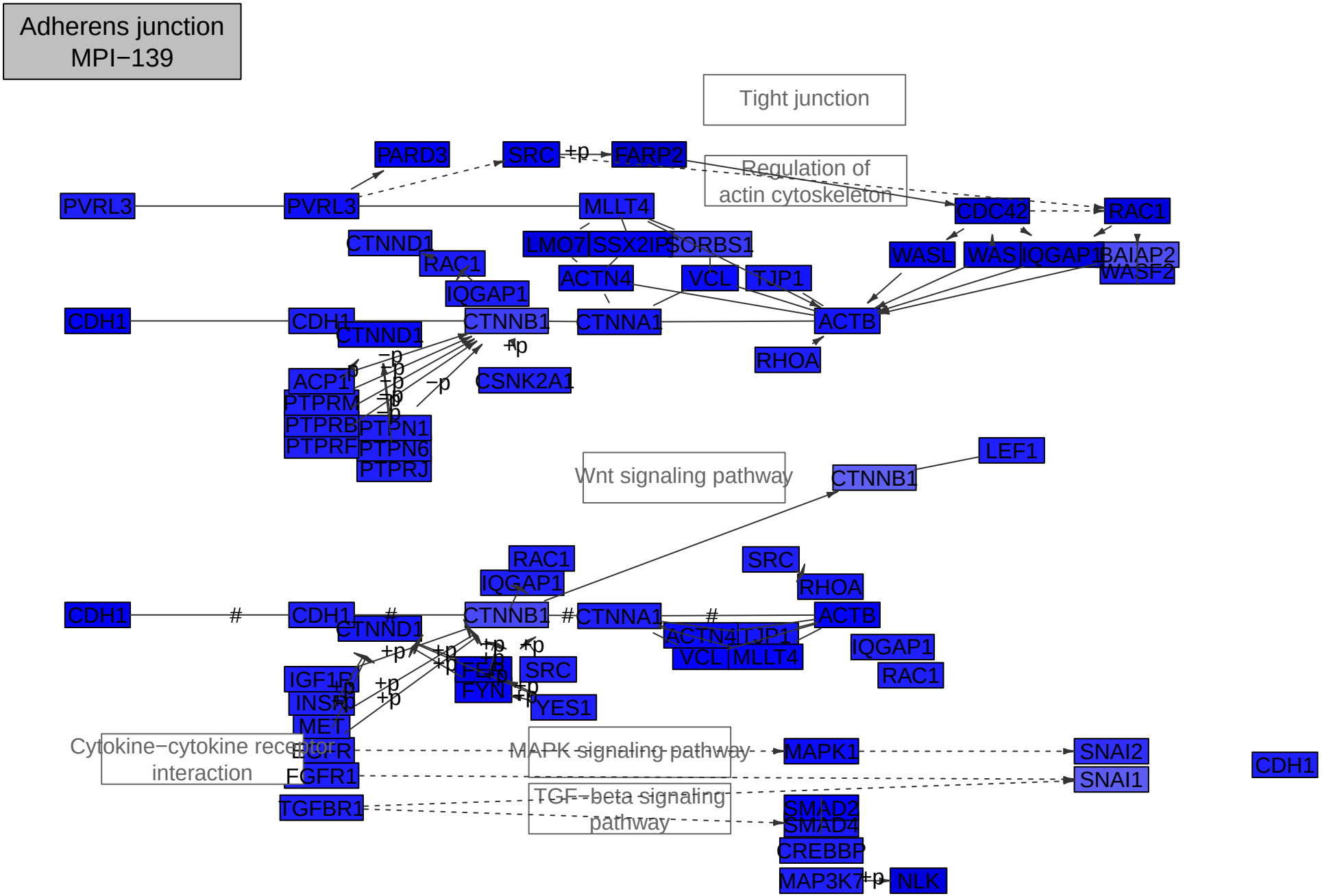
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−139
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
IQGAP1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
SRC
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
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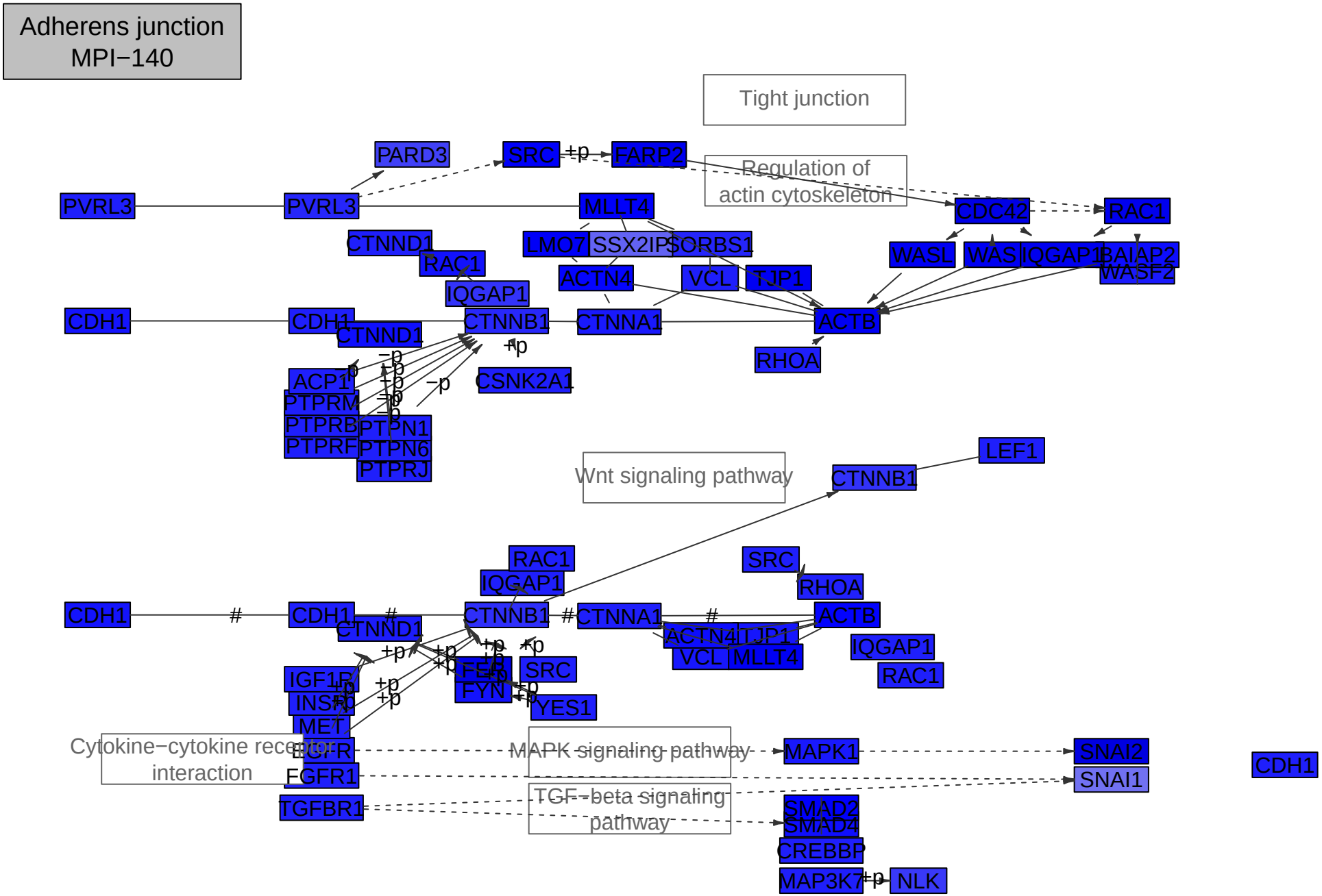
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−140
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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ACP1
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PTPRF
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VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
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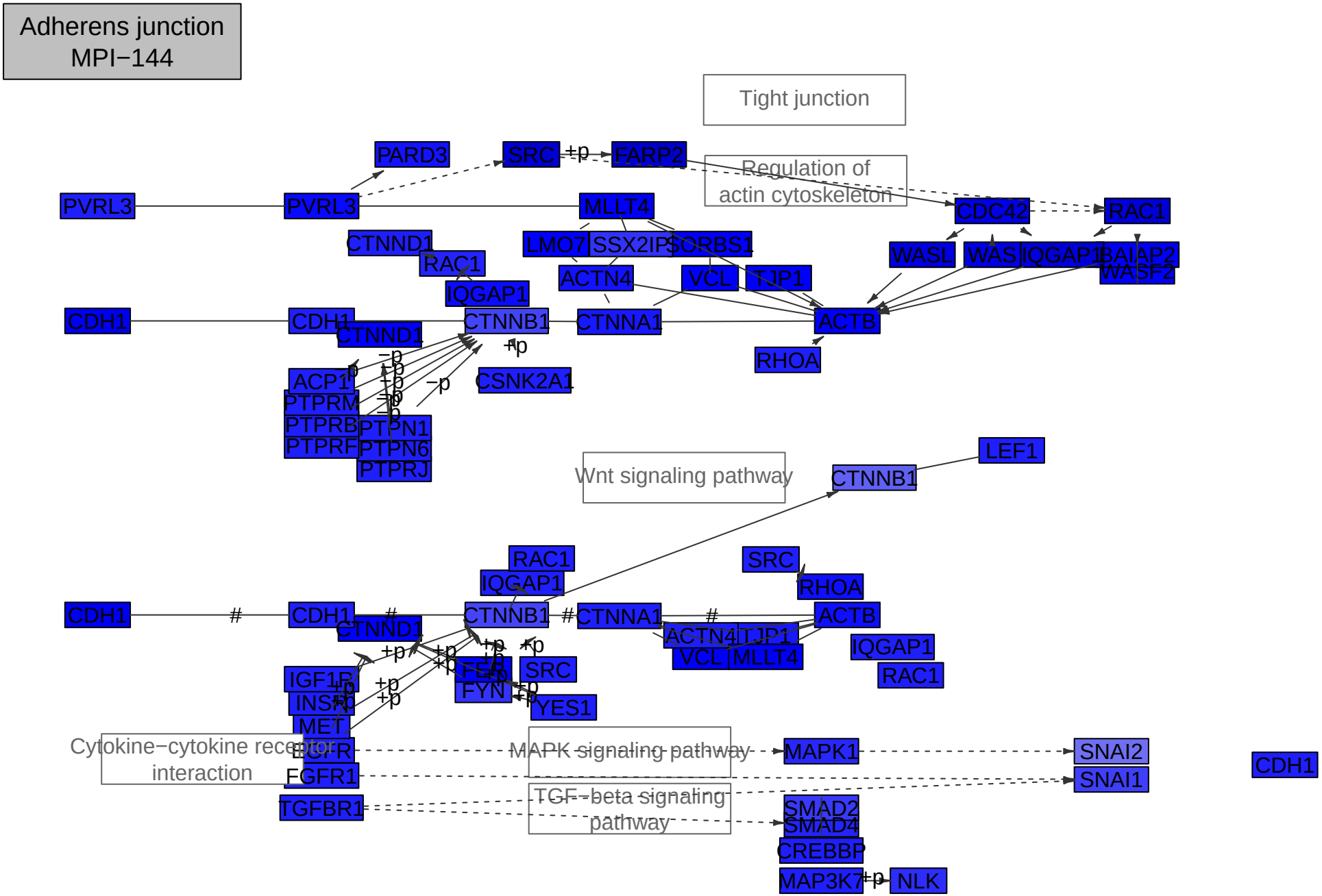
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−144
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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RHOA
ACP1
CSNK2A1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
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EGFR1
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MAPK1
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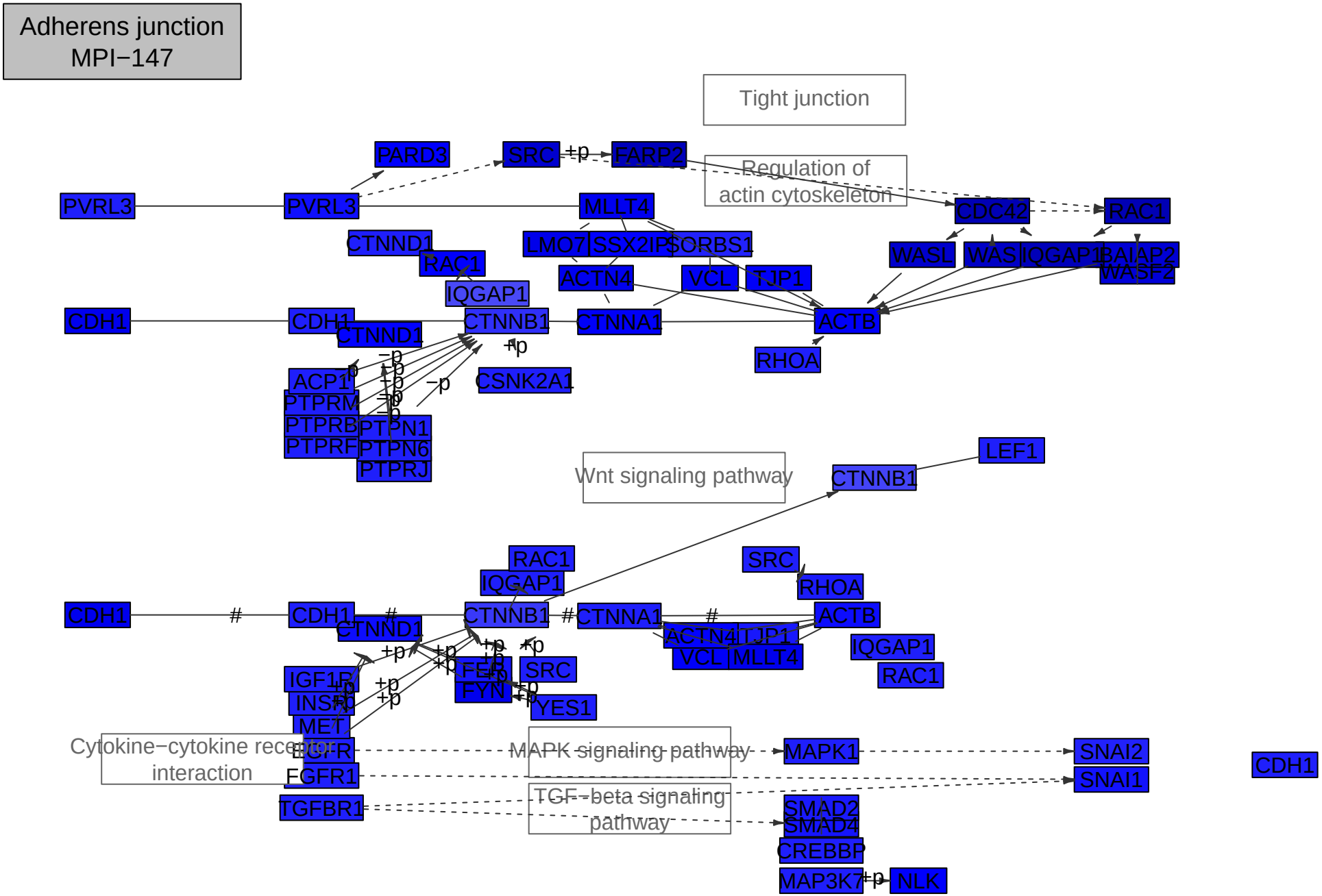
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−147
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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FES
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MAPK1
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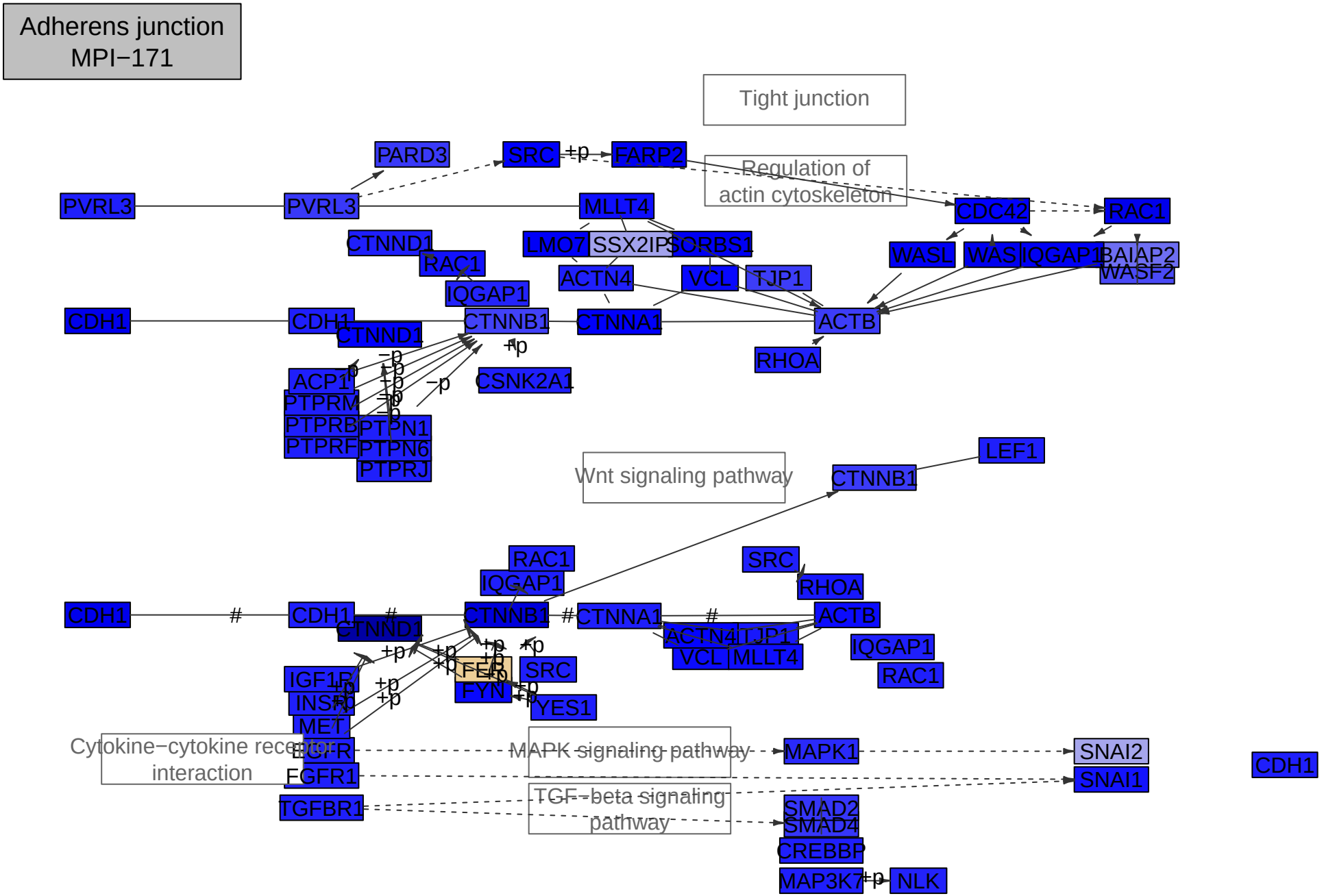
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−171
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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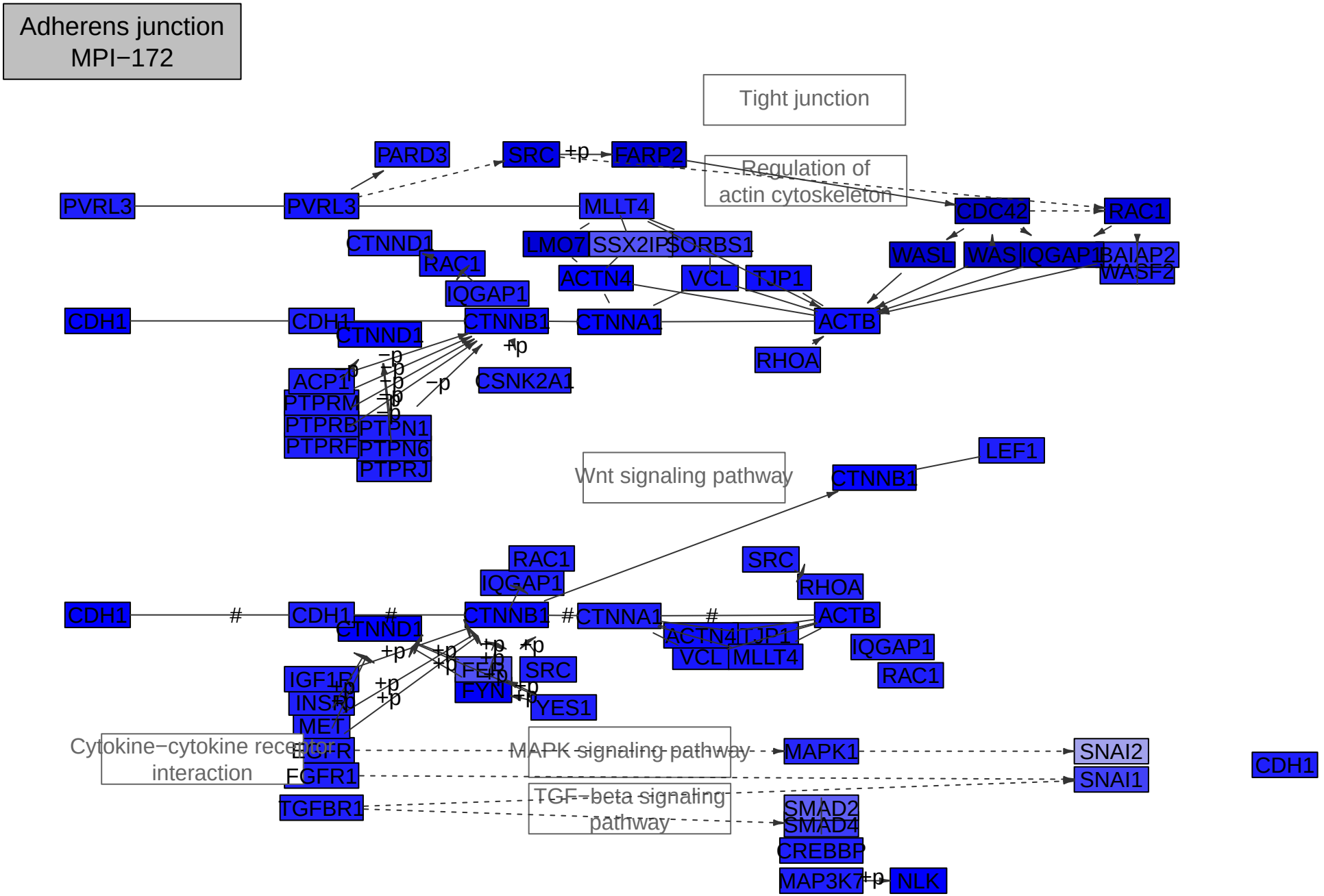
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−172
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
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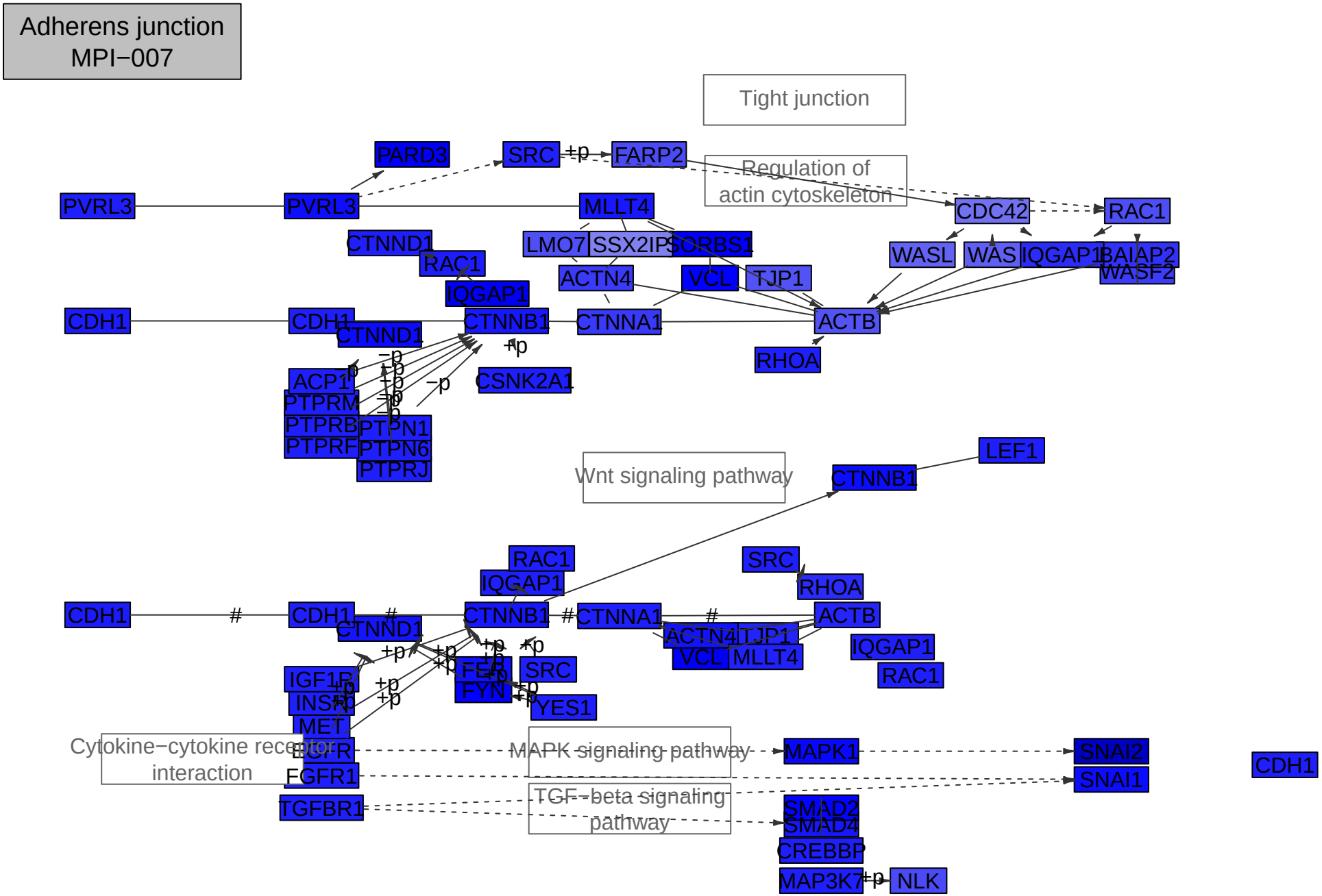
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−007
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
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IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
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SNAI1
CDH1
SMAD2
SMAD4
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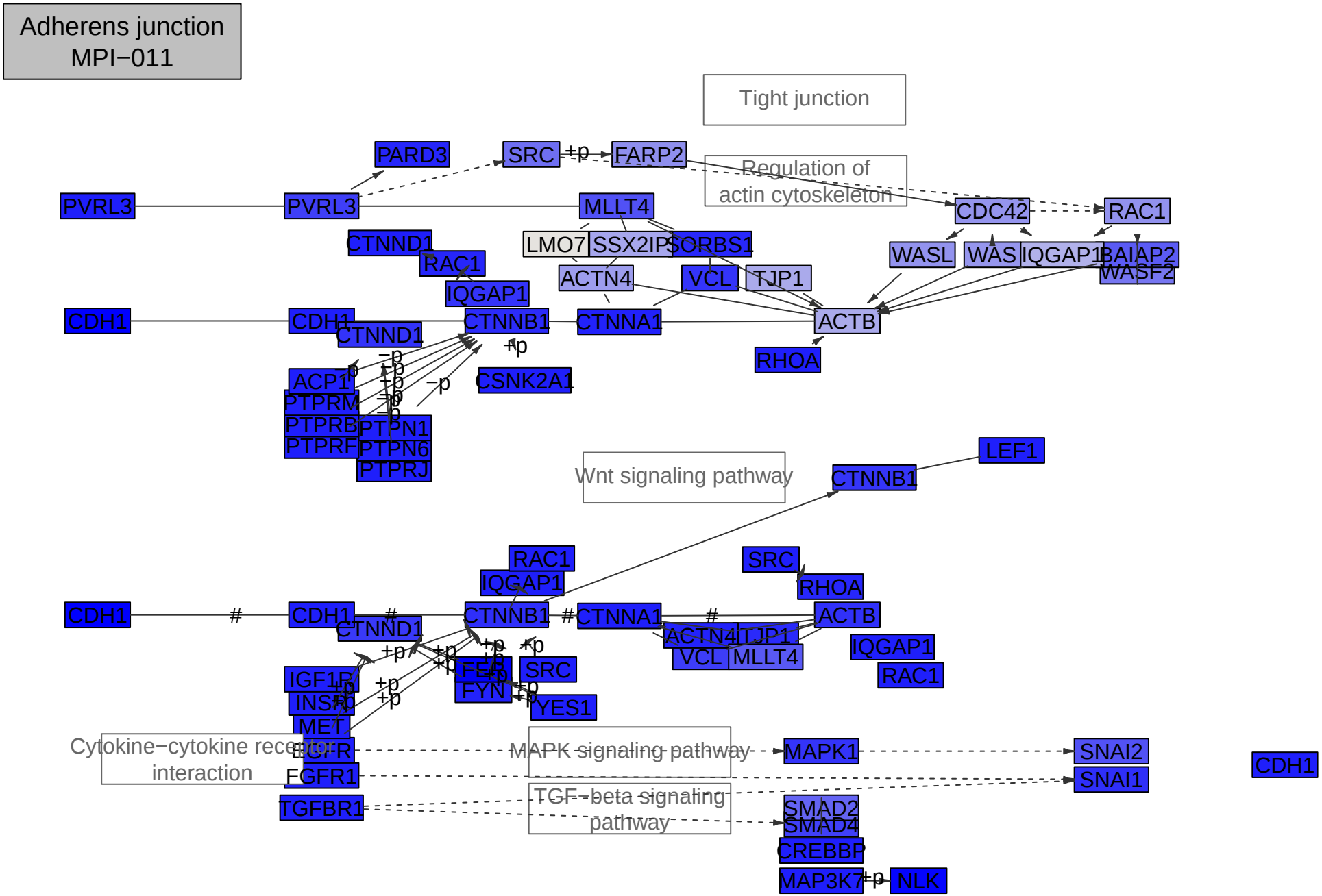
MAP3K7
NLK


Adherens junction
MPI−011
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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MAP3K7
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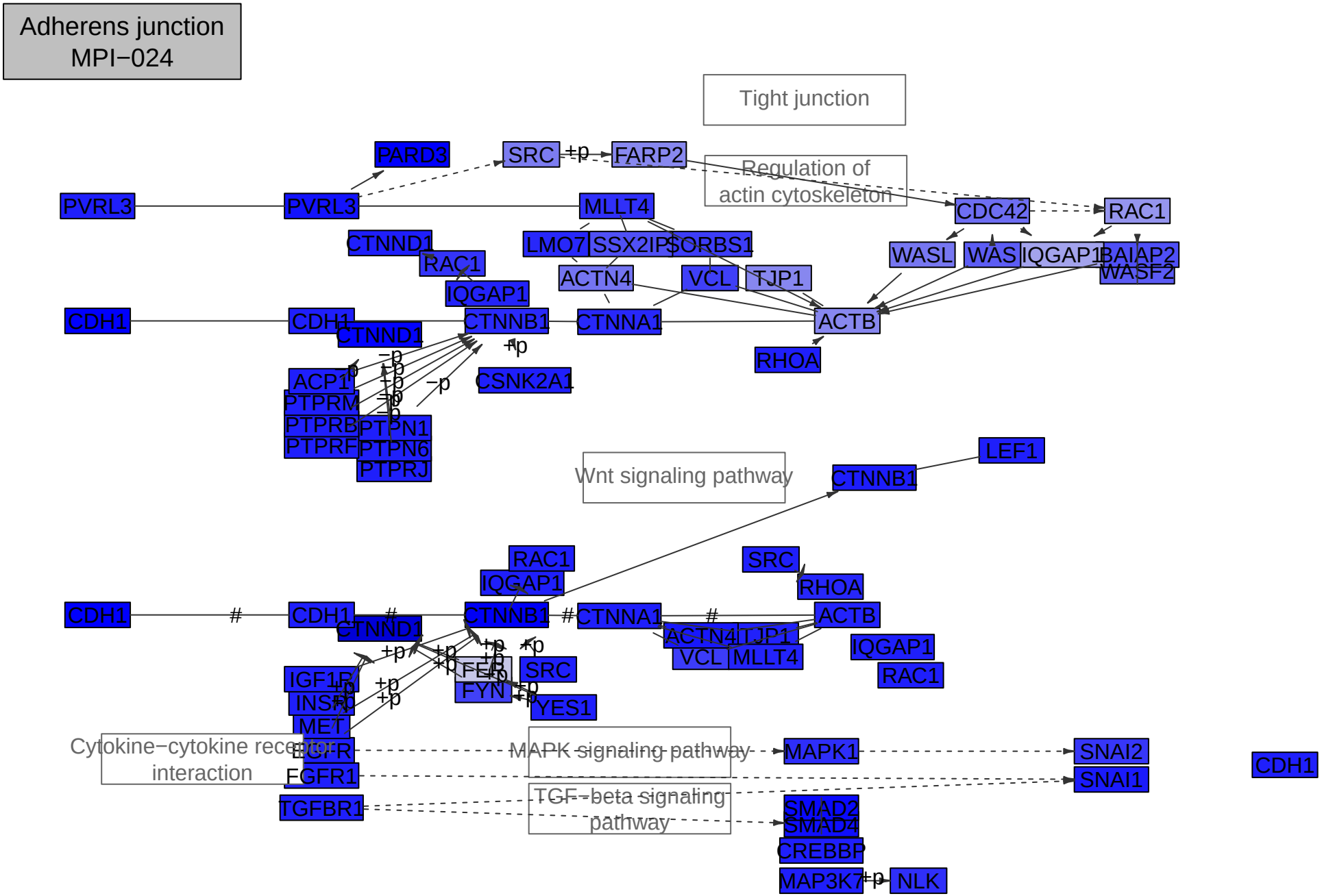
Adherens junction
MPI−024
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
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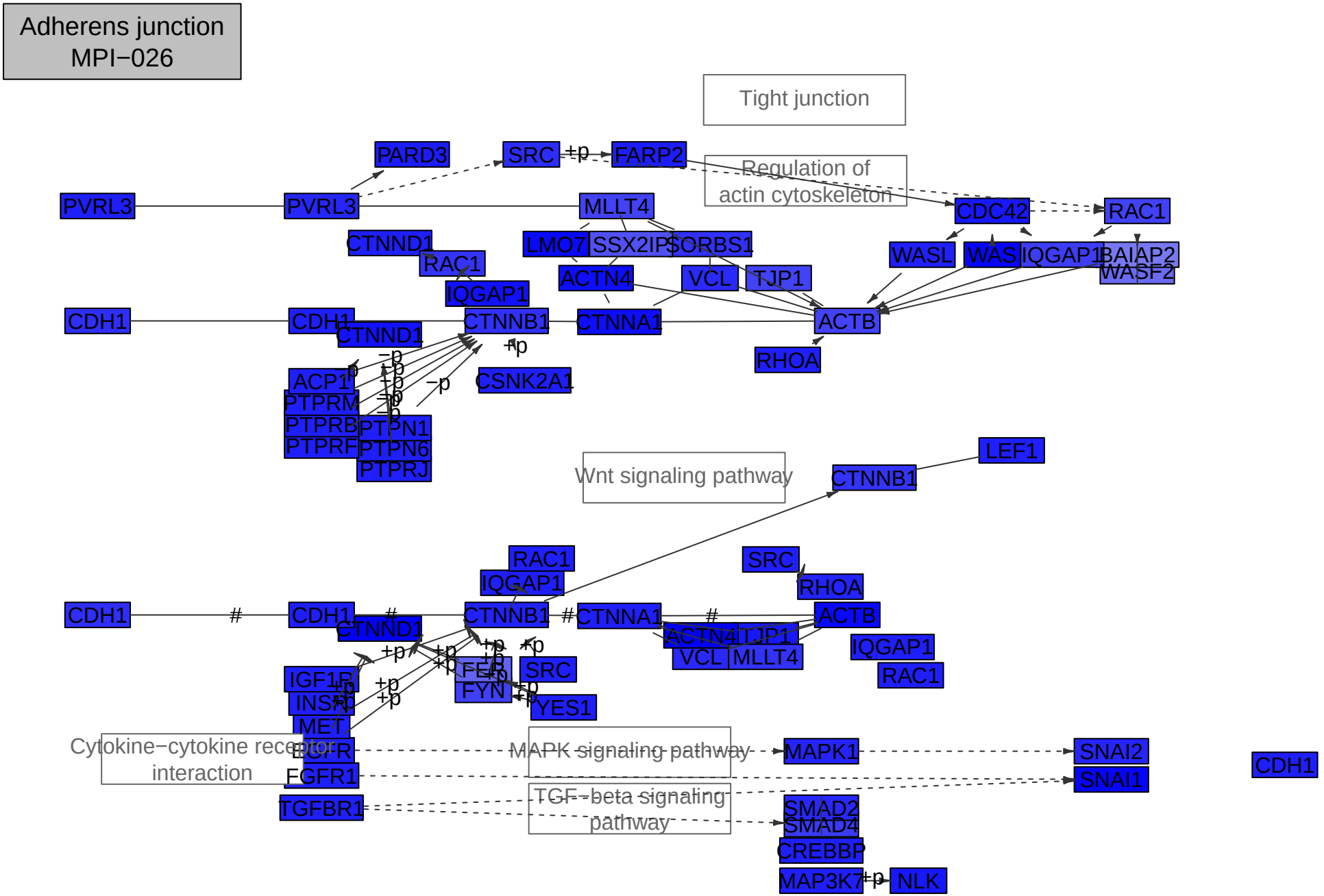
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
ORBS1
WASL
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IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
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CSNK2A1
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PTPRF
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LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
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CDH1
SMAD2
SMAD4
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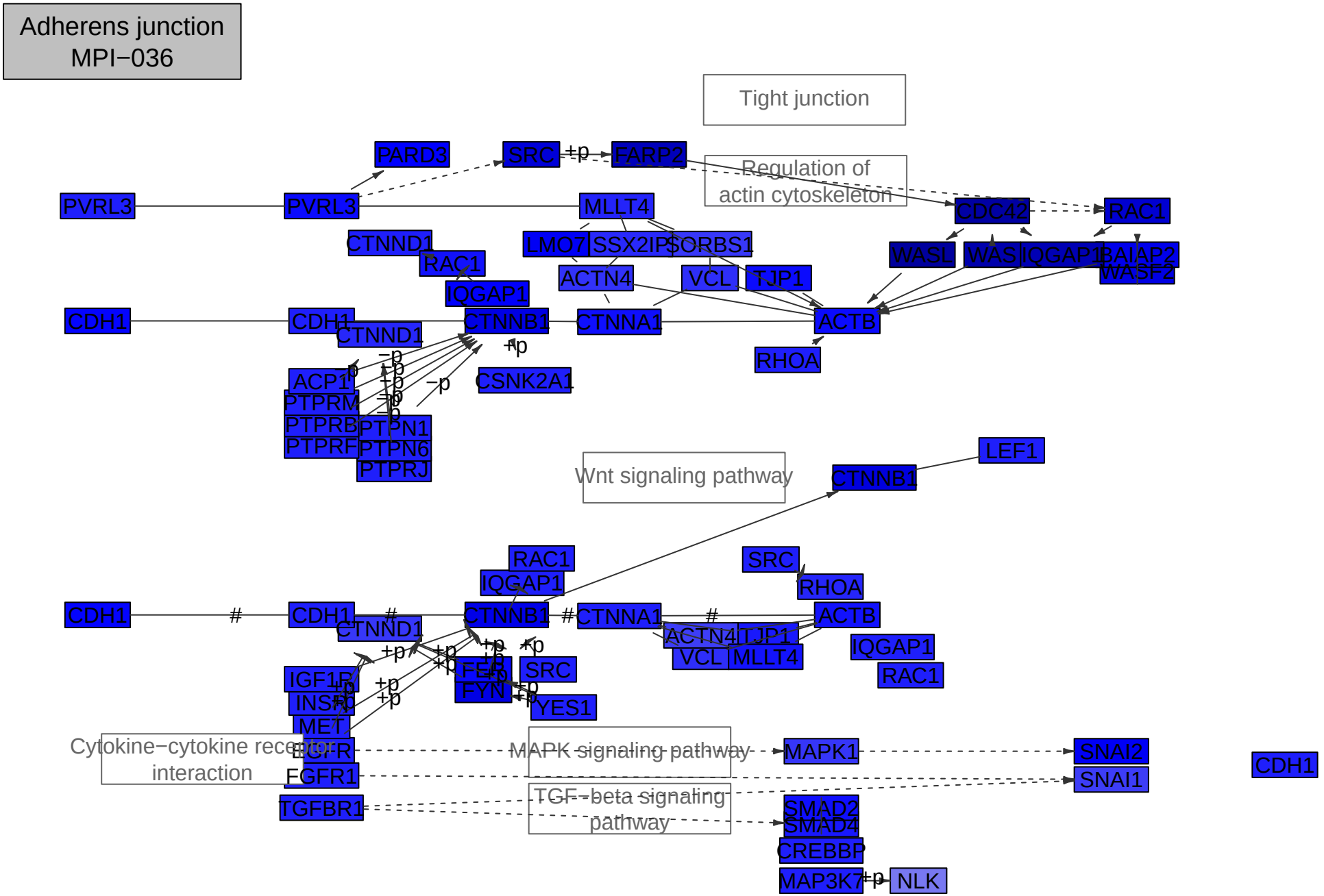
NLK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Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
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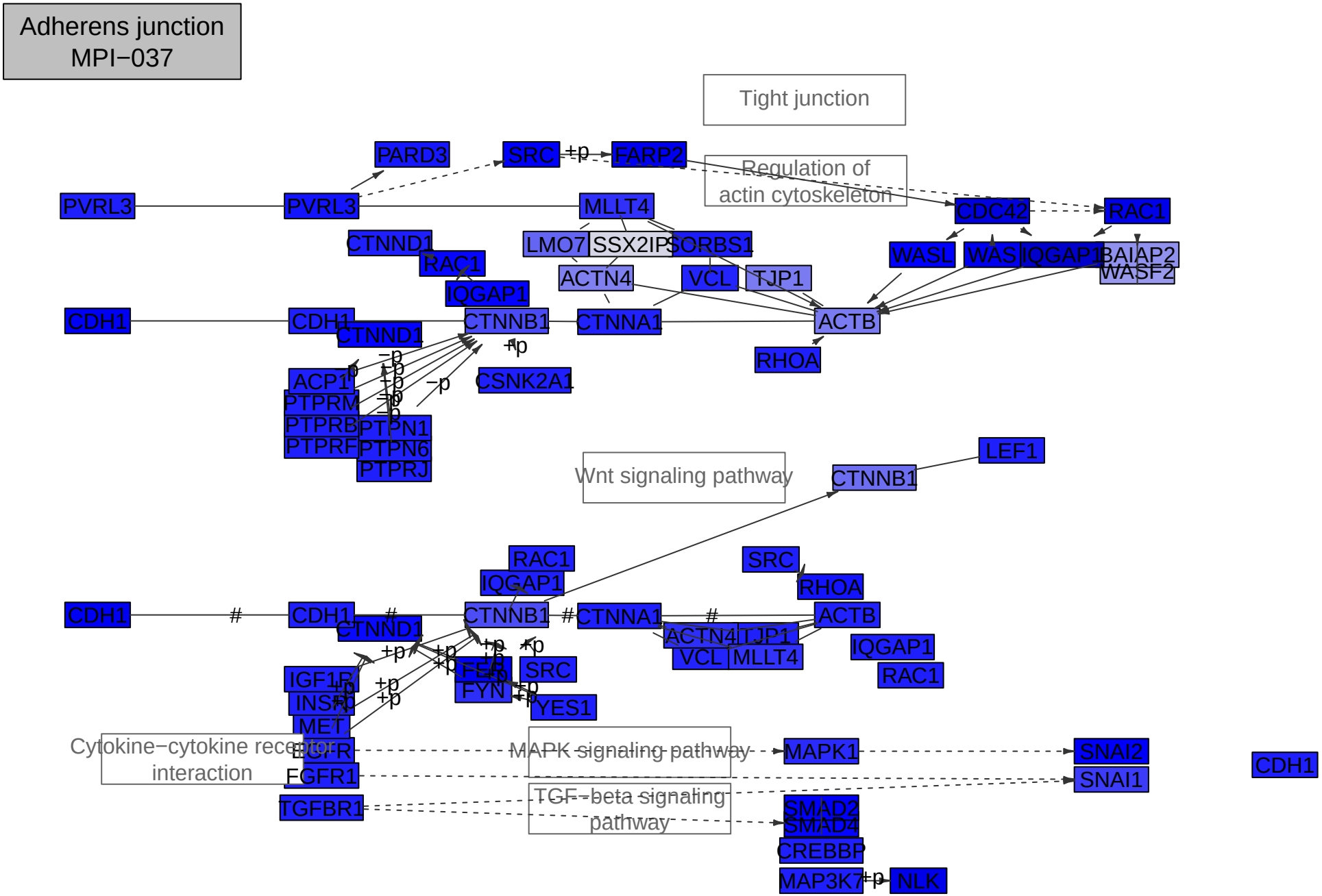
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
SRC
RHOA
CDH1
CTNNB1
CTNNA1
ACTB
ACTN4
TJP1
VCL
MLLT4
IQGAP1
RAC1
IGF1R
INSR
MET
EGFR
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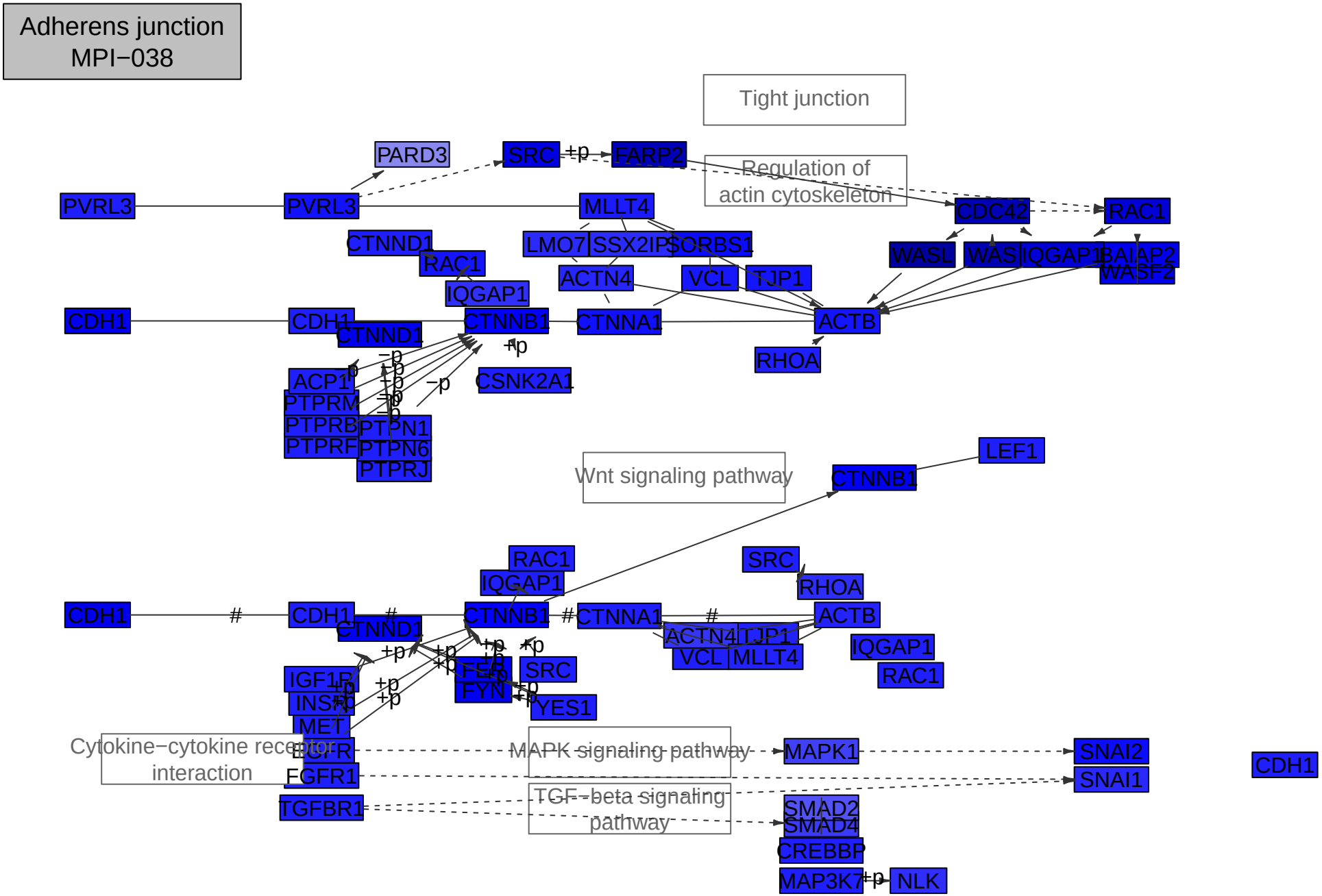
MAP3K7
NLK



Adherens junction
MPI−038
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
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SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
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SRC
RHOA
ACTN4
TJP1
VCL
MLLT4
IGF1R
INSR
MET
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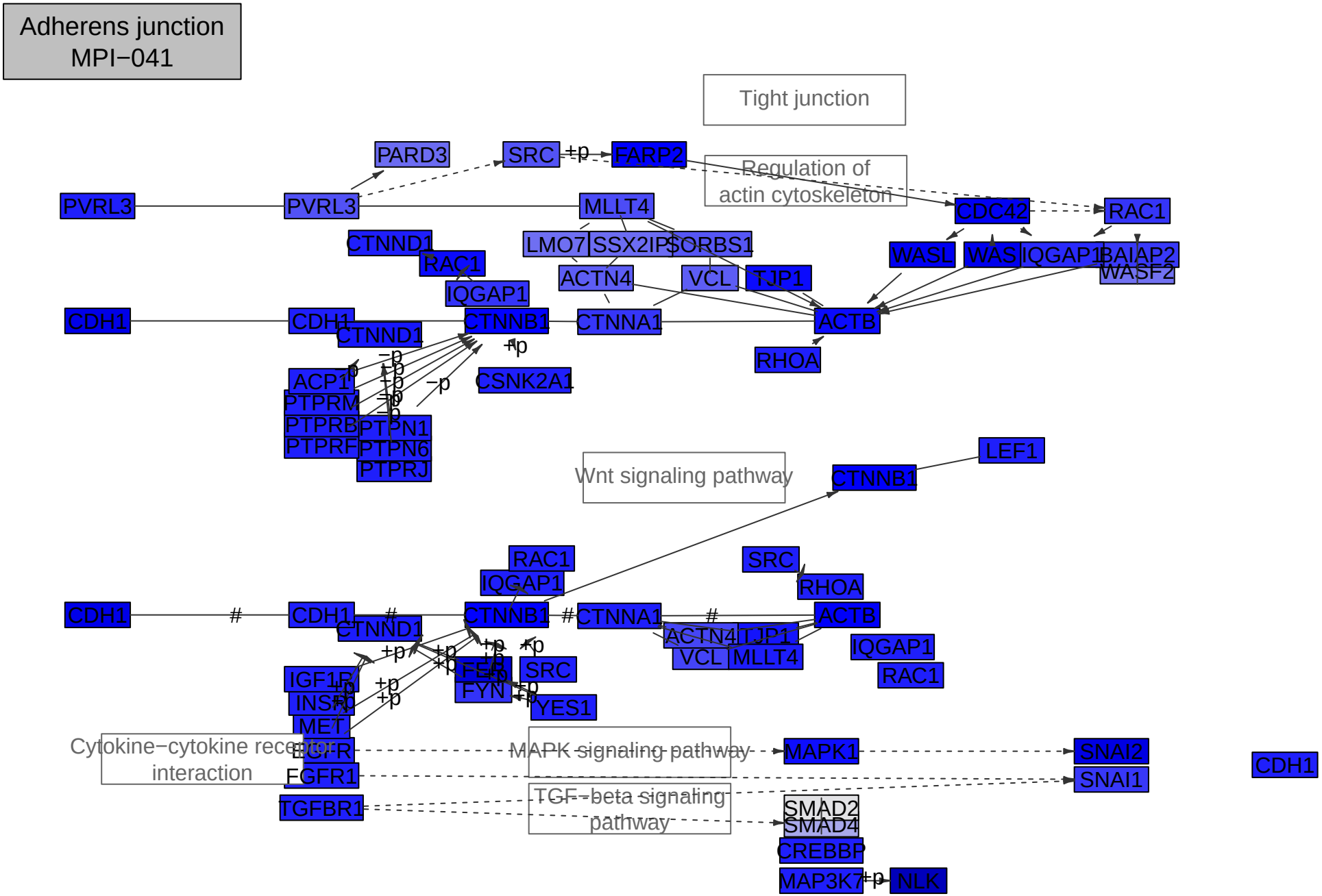
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−041
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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ACP1
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PTPRF
PTPN6
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LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
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SNAI1
CDH1
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SMAD4
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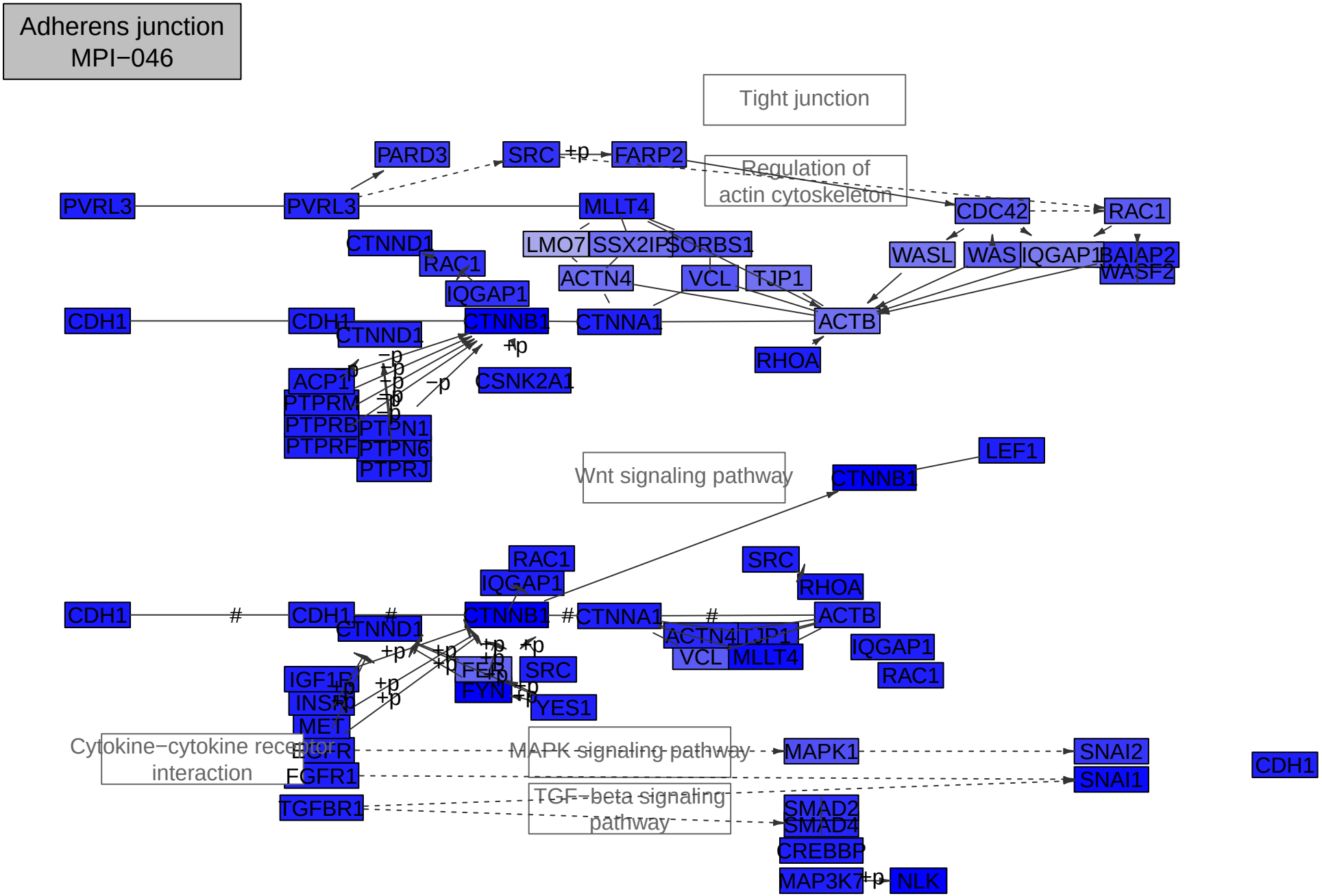
MAP3K7
NLK


Adherens junction
MPI−046
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
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CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR
EGFR1
TGFBR1
MAPK1
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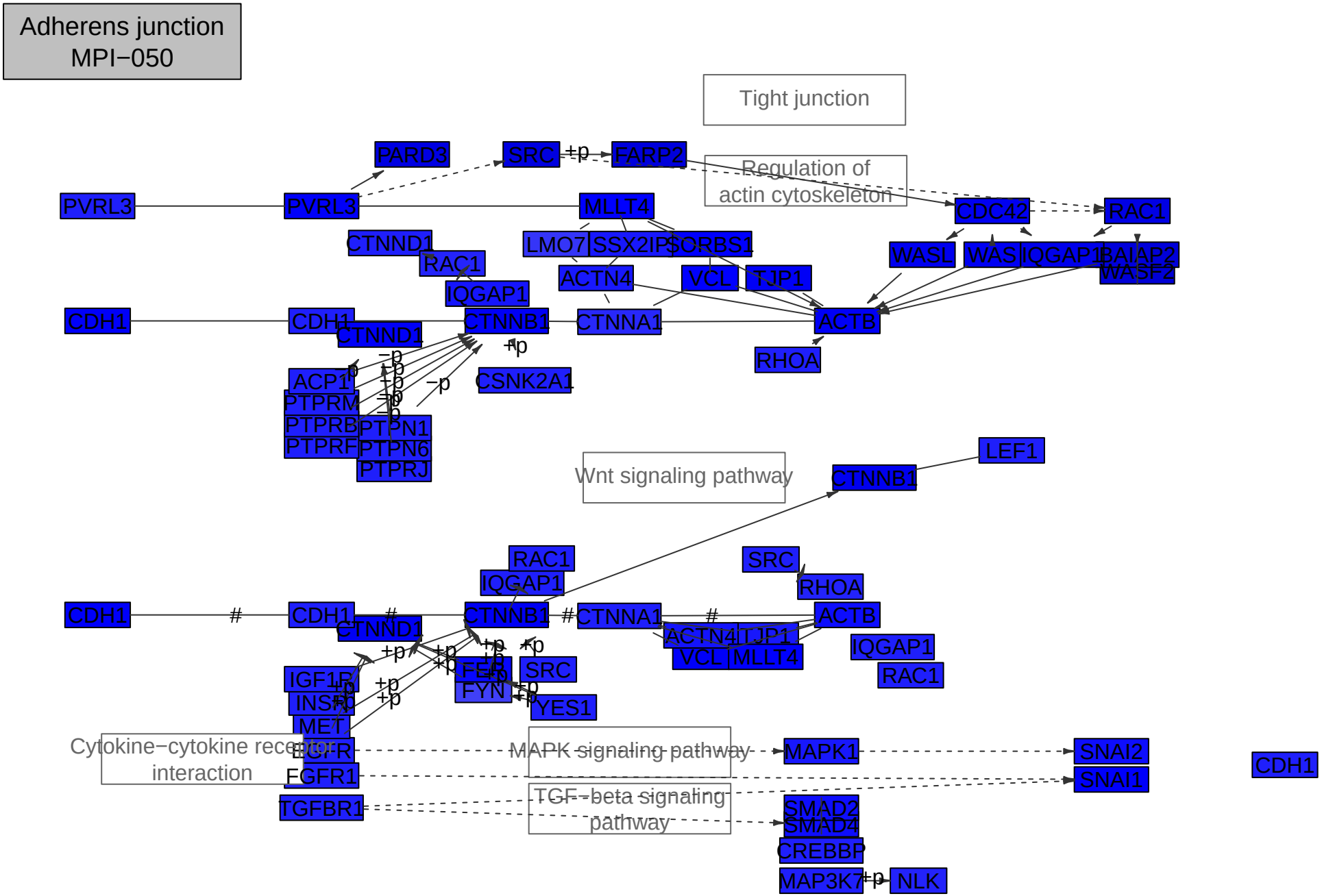
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−050
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
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FYN
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SNAI1
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SMAD2
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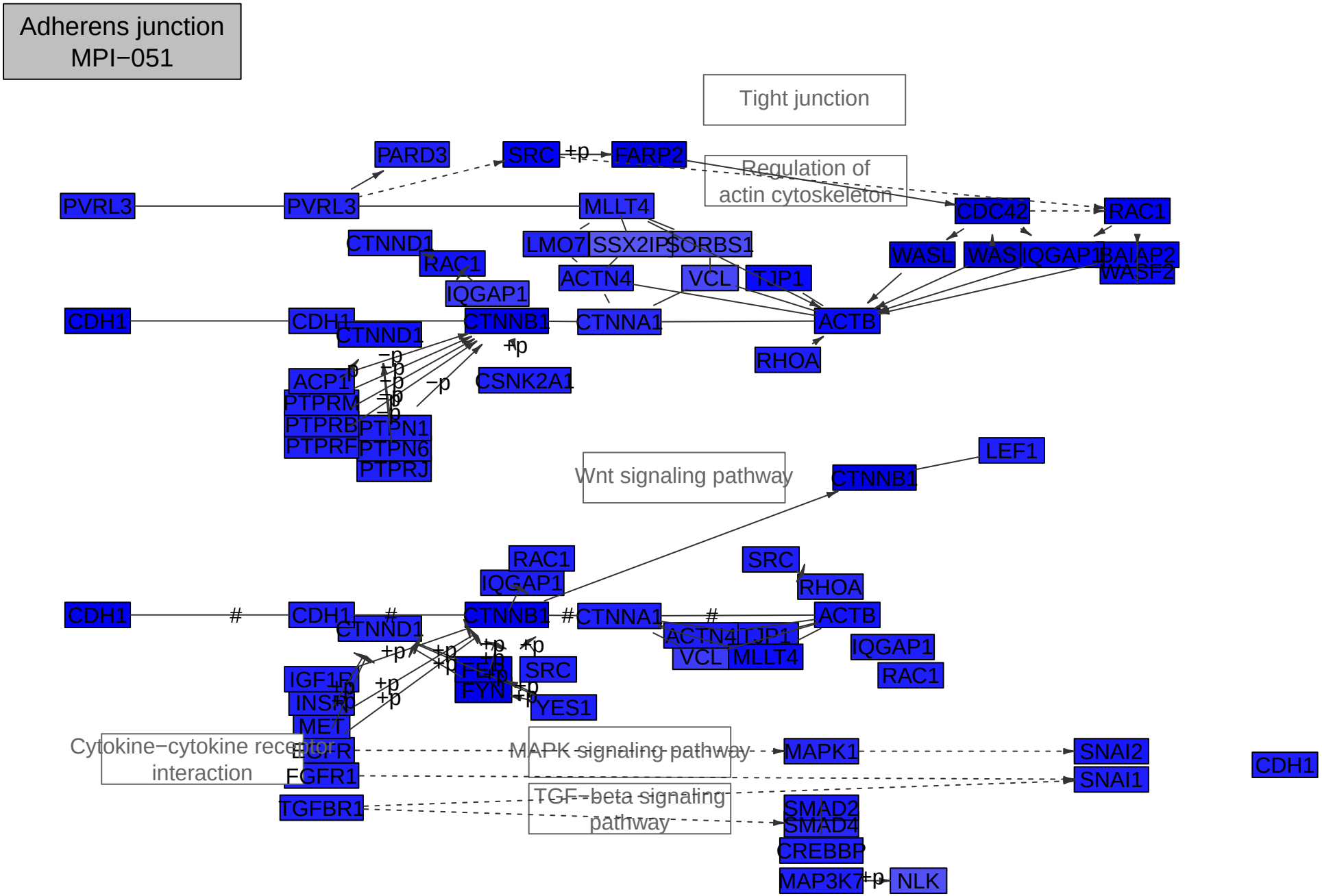
Adherens junction
MPI−051
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
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CTNNA1
ACTB
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ACP1
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LEF1
IQGAP1
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INSR
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MAP3K7
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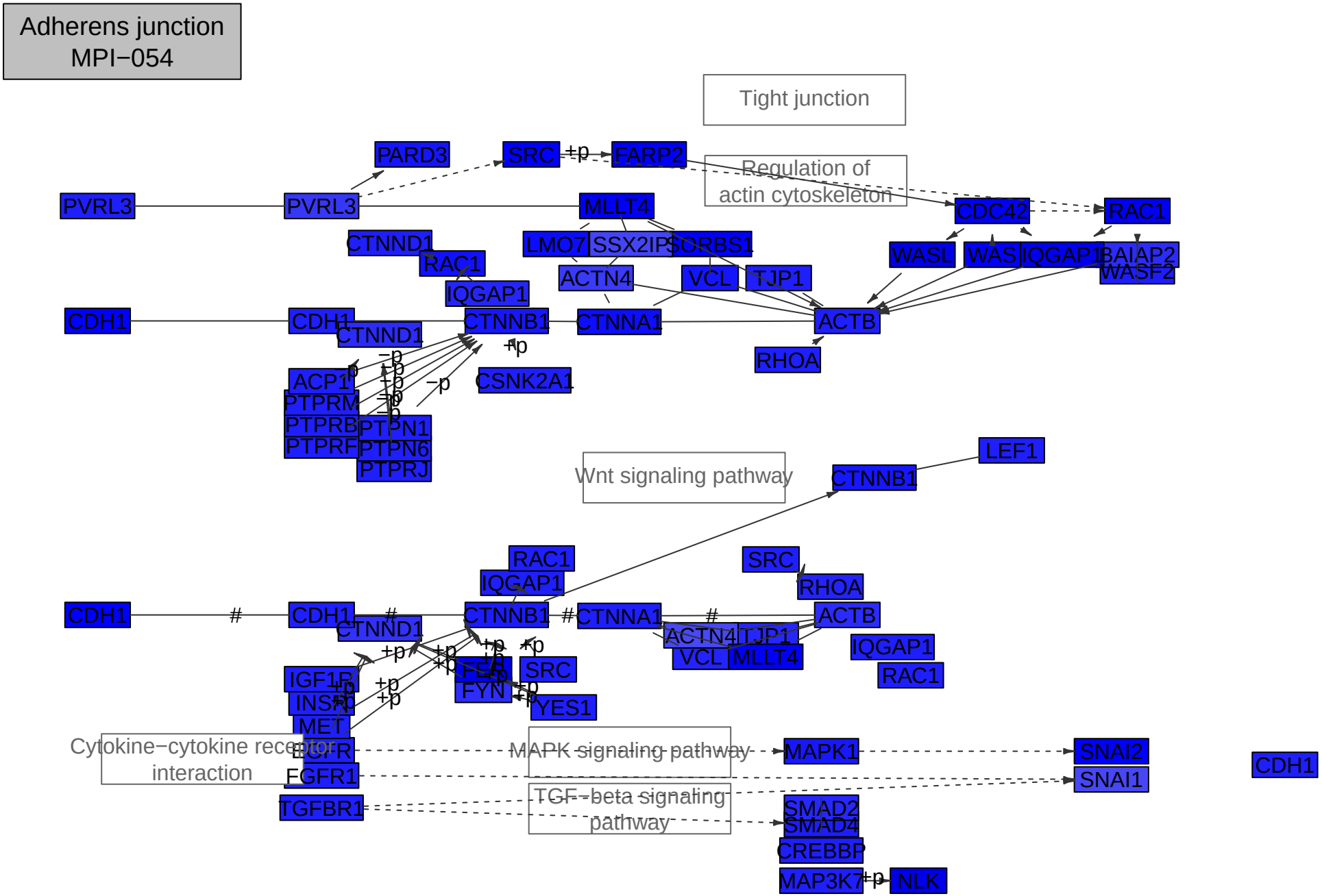
Adherens junction
MPI−054
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
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IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
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CDH1
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ACTB
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ACP1
CSNK2A1
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CDH1
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ACTB
CTNND1
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IGF1R
FES
SRC
INSR
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YES1
MET
IGF1R
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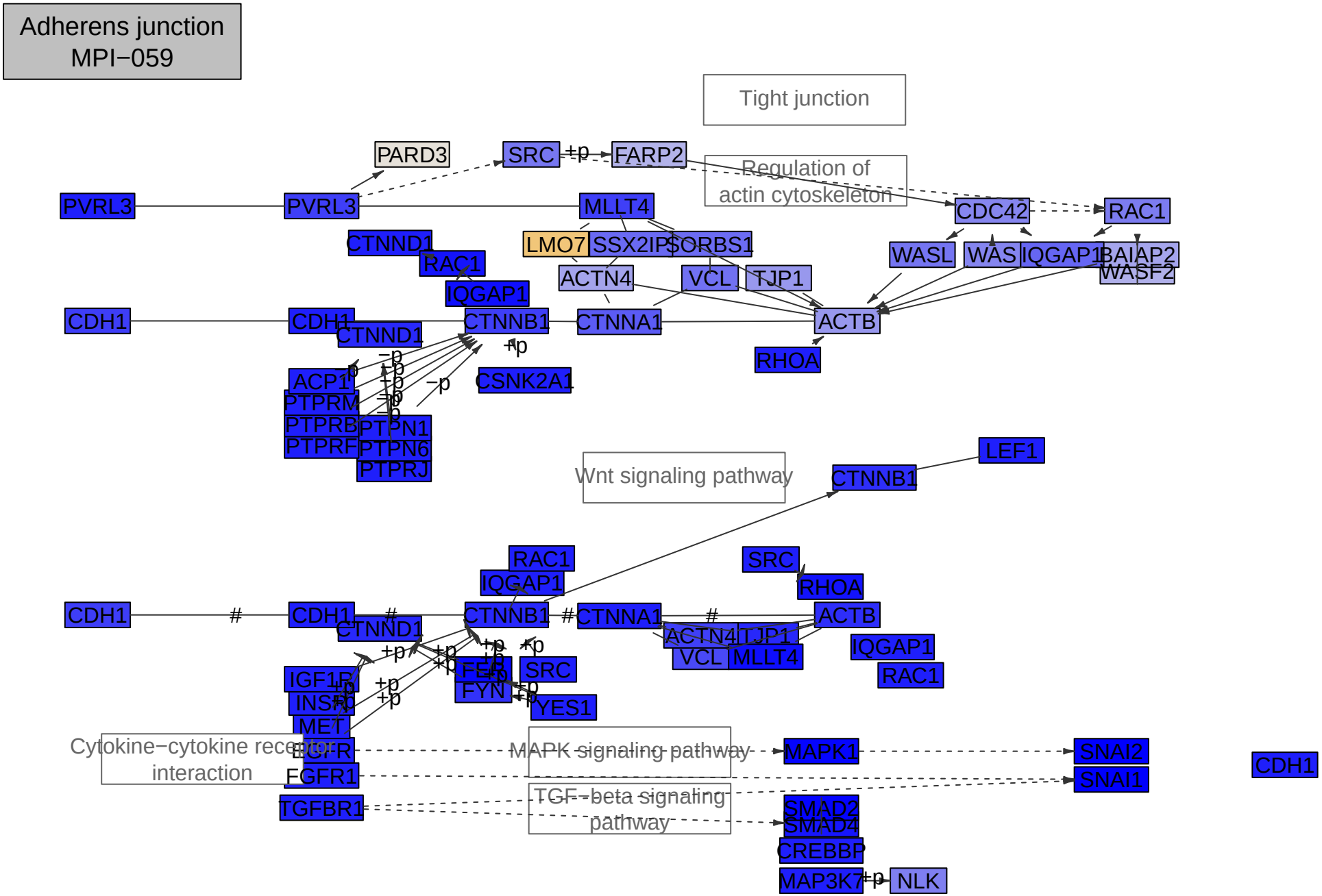
NLK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Tight junction
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SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
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CDC42
RAC1
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SSX2IP
ORBS1
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IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
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PTPRB
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PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
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SRC
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RHOA
CDH1
#
CDH1
#
CTNNB1
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CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FER
SRC
IGF1R
FYN
YES1
INSR
MET
Cytokine−cytokine receptor
interaction
EGFR
MAPK signaling pathway
MAPK1
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TGF−beta signaling
pathway
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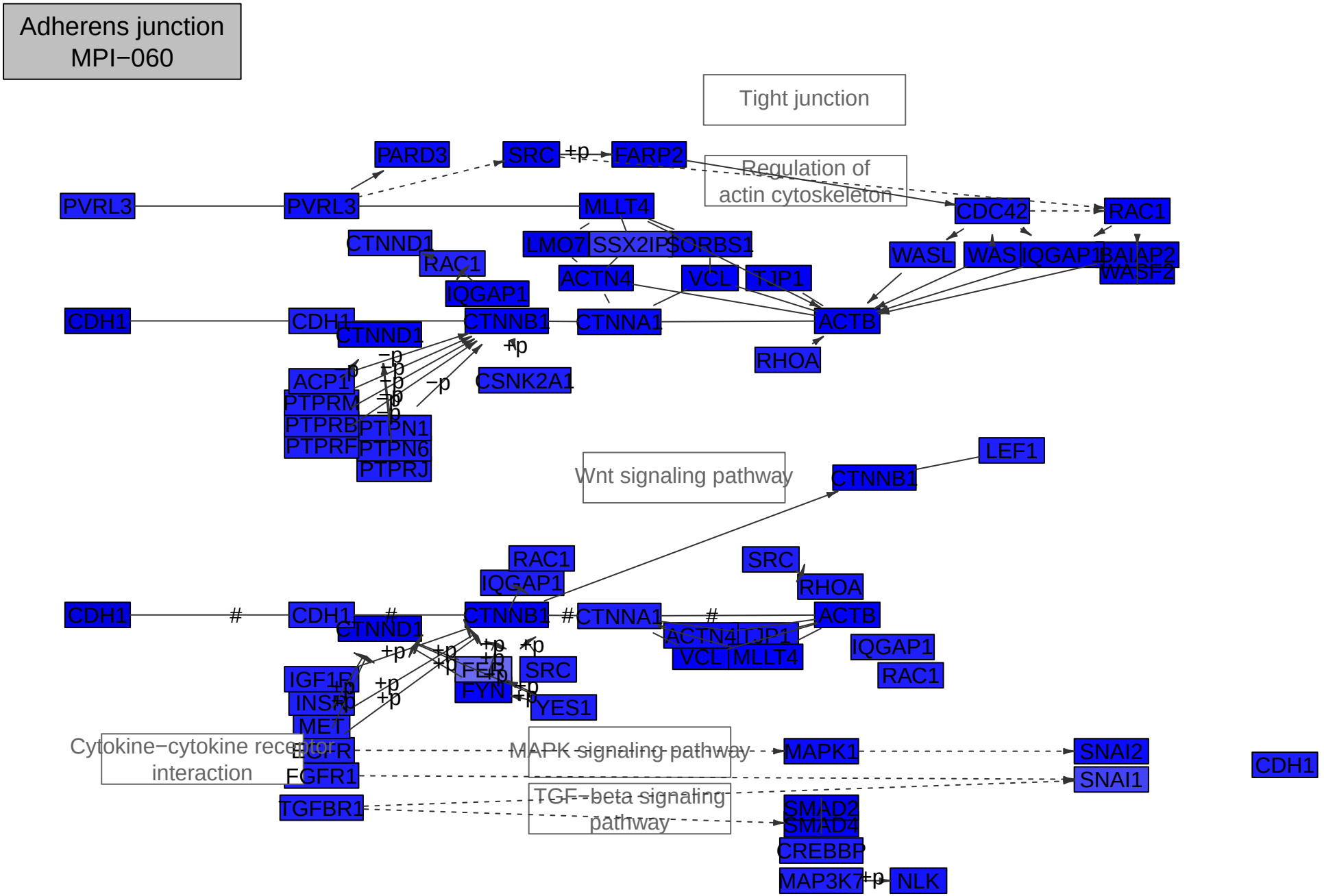
Adherens junction
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Tight junction
Regulation of
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Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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BAIAP2
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LEF1
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SNAI1
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SMAD2
SMAD4
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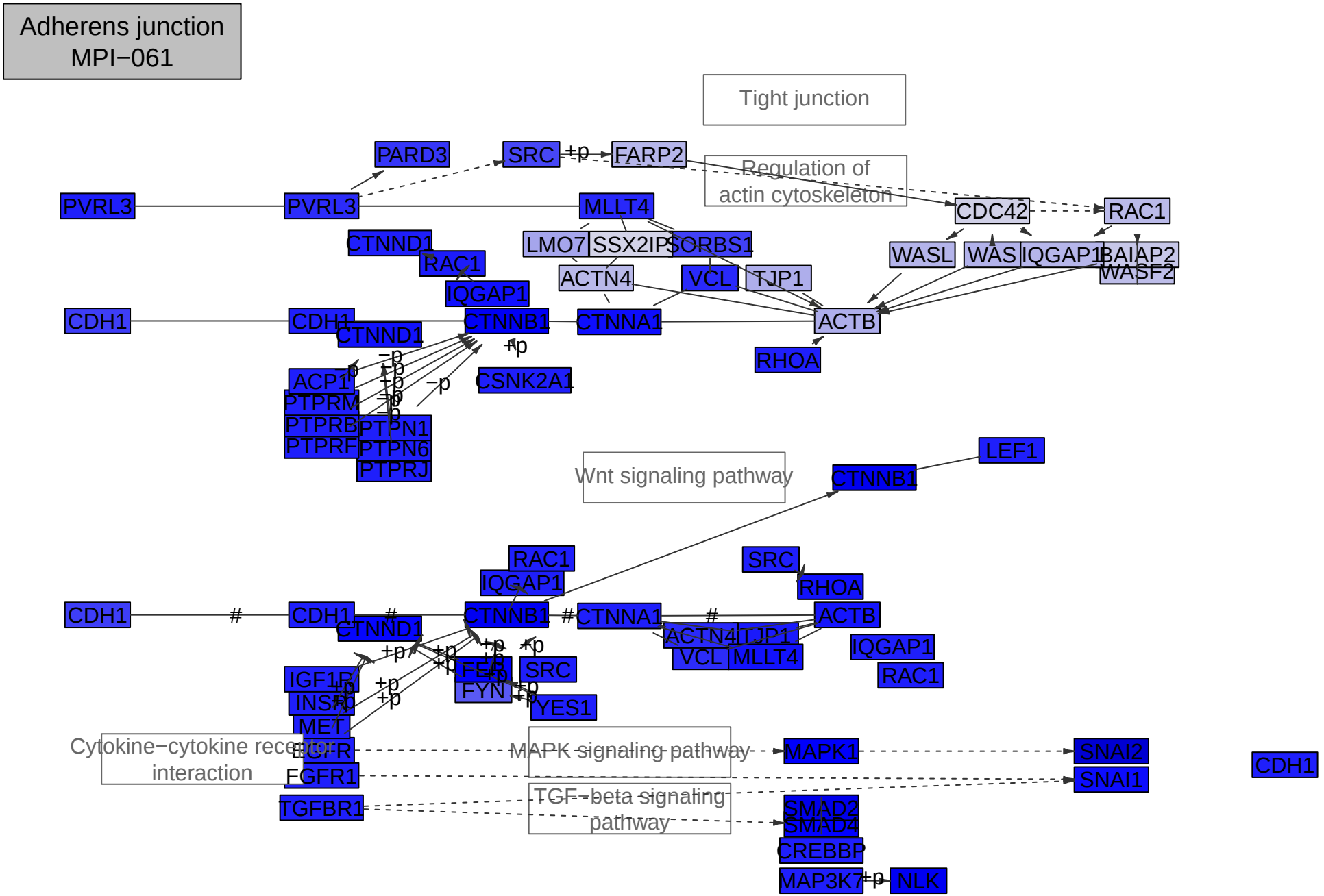
Adherens junction
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Regulation of actin cytoskeleton
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Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
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SNAI1
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SMAD2
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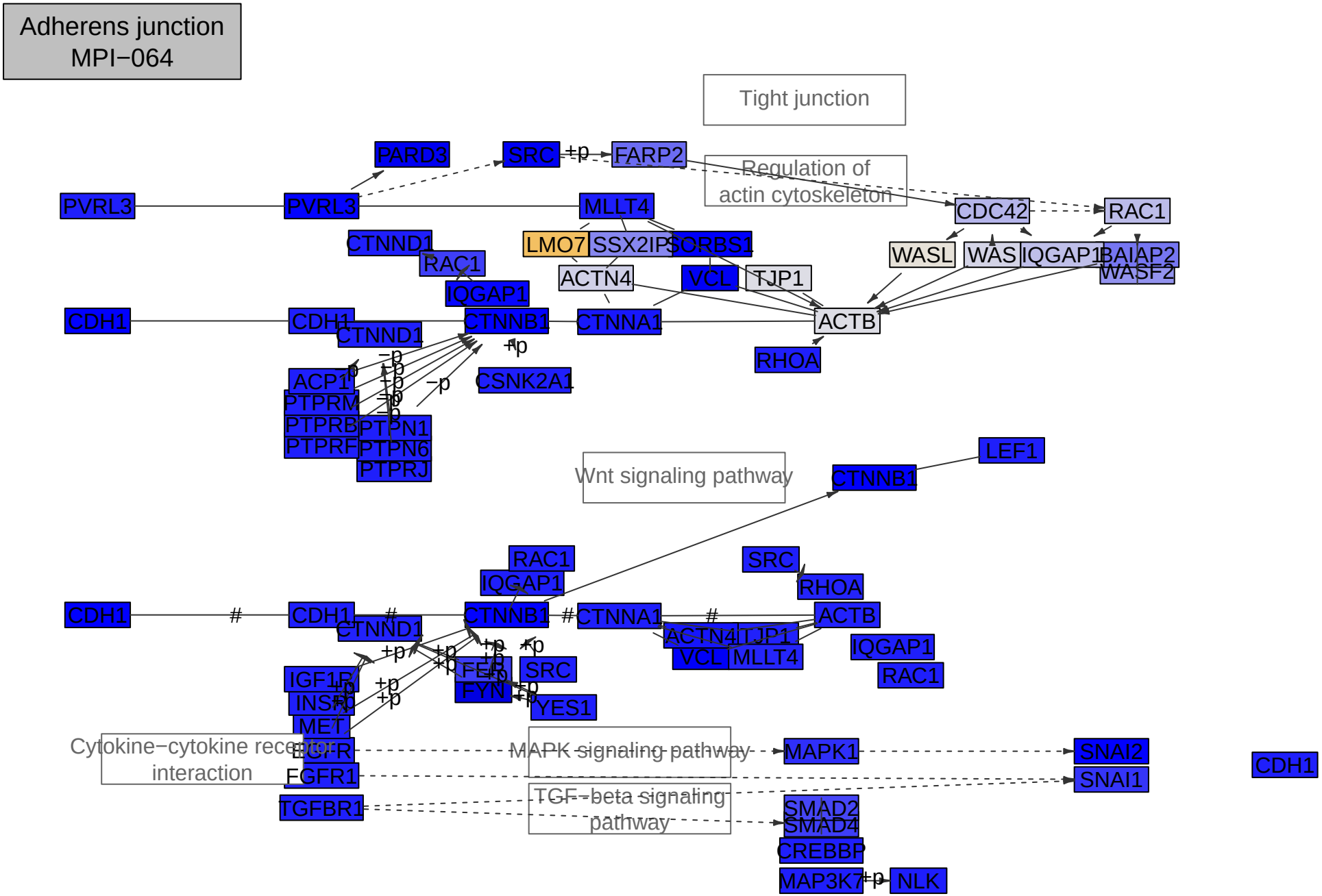
NLK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Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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LMO7
SSX2IP
SORBS1
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IQGAP1
BAIAP2
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ACTN4
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ACP1
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PTPRF
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LEF1
IGF1R
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SMAD2
SMAD4
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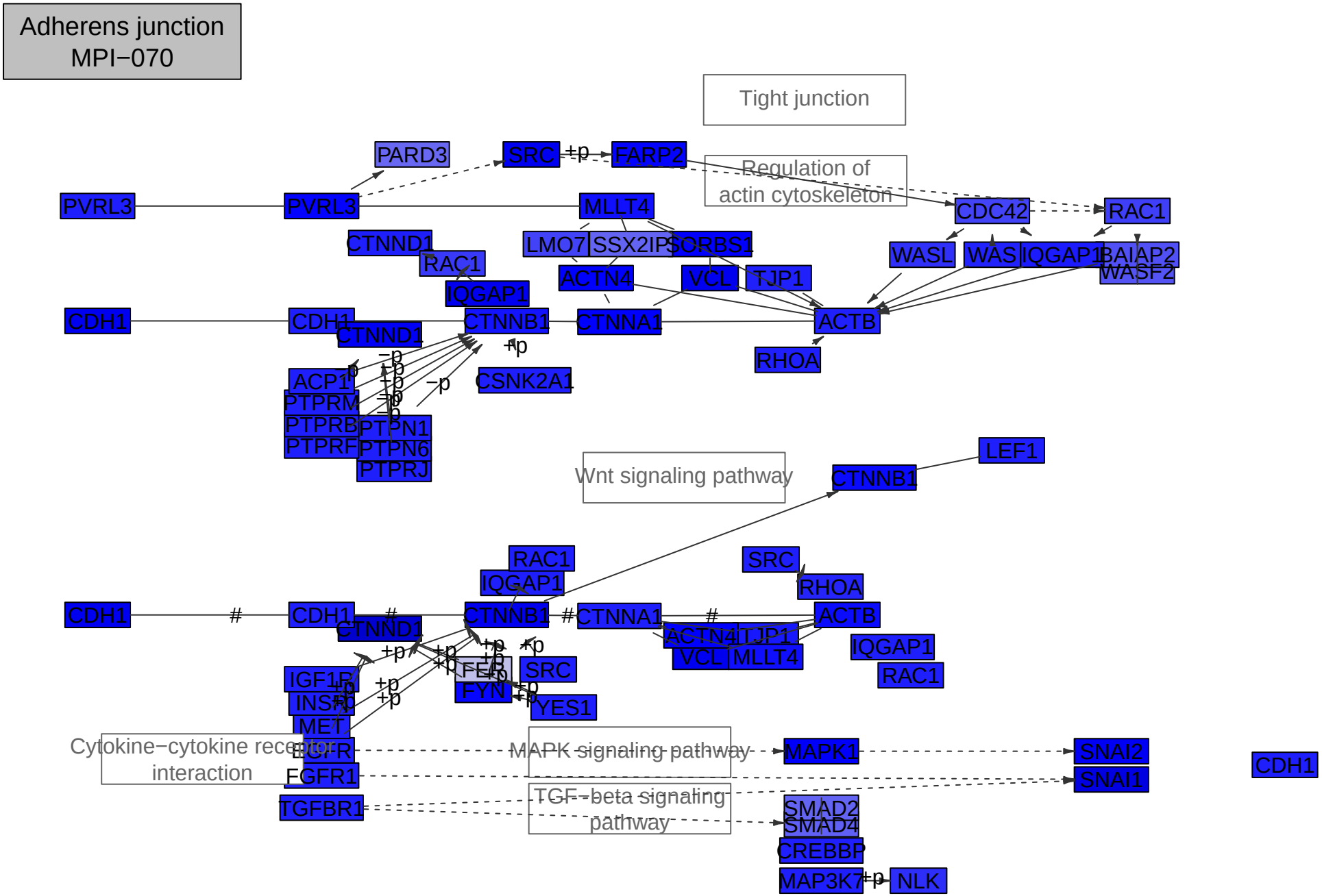
MAP3K7
NLK



Adherens junction
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Regulation of actin cytoskeleton
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TGF−beta signaling pathway
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PVRL3
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CDC42
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RAC1
LMO7
SSX2IP
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BAIAP2
WASF2
ACTN4
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IQGAP1
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PTPRJ
CSNK2A1
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RAC1
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INSR
MET
FGFR
FGFR1
TGFBR1
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SMAD2
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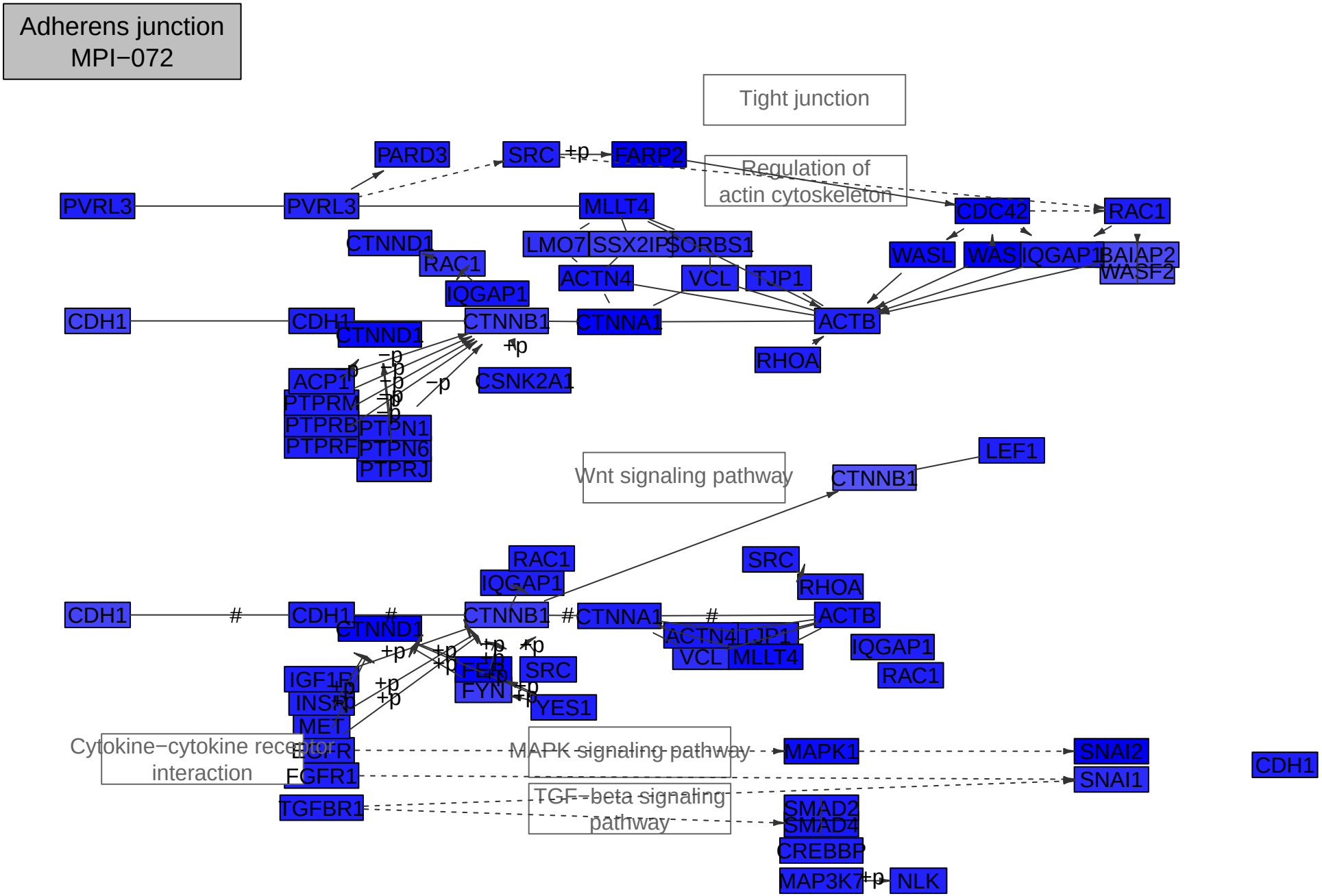
CREBBP
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
ORBS1
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IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
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ACTB
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PTPRJ
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RAC1
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CDH1
CDH1
CTNNB1
CTNNA1
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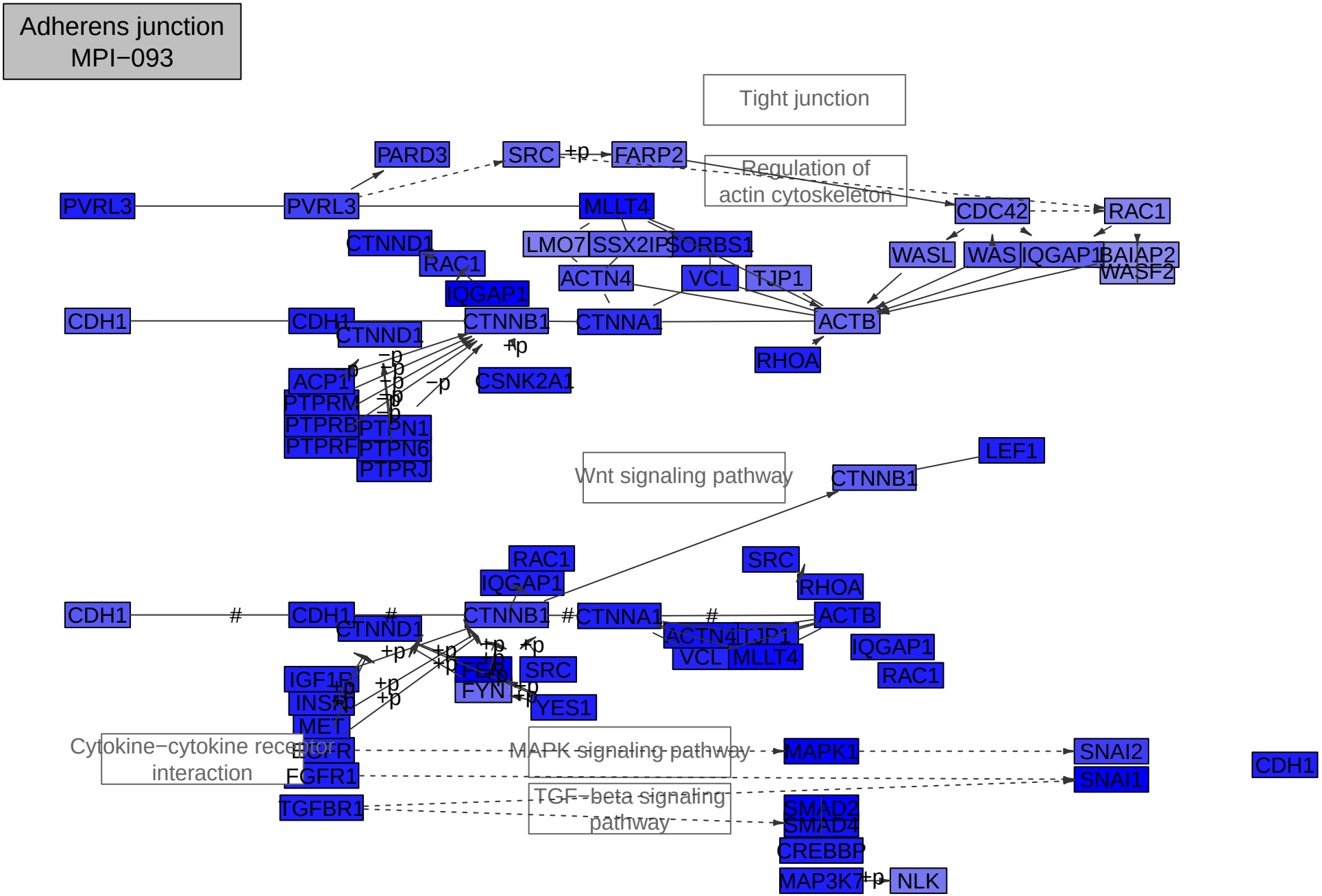
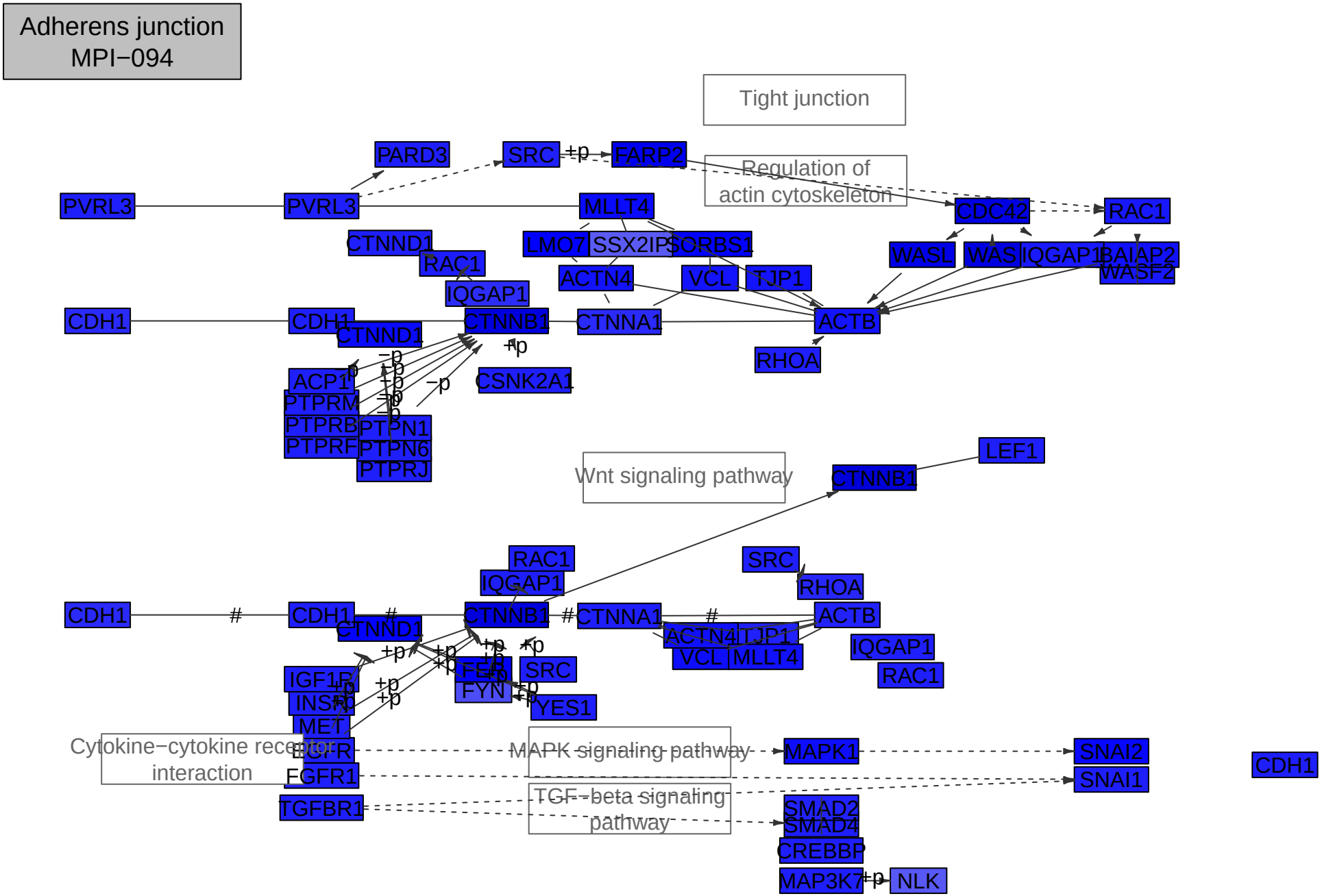
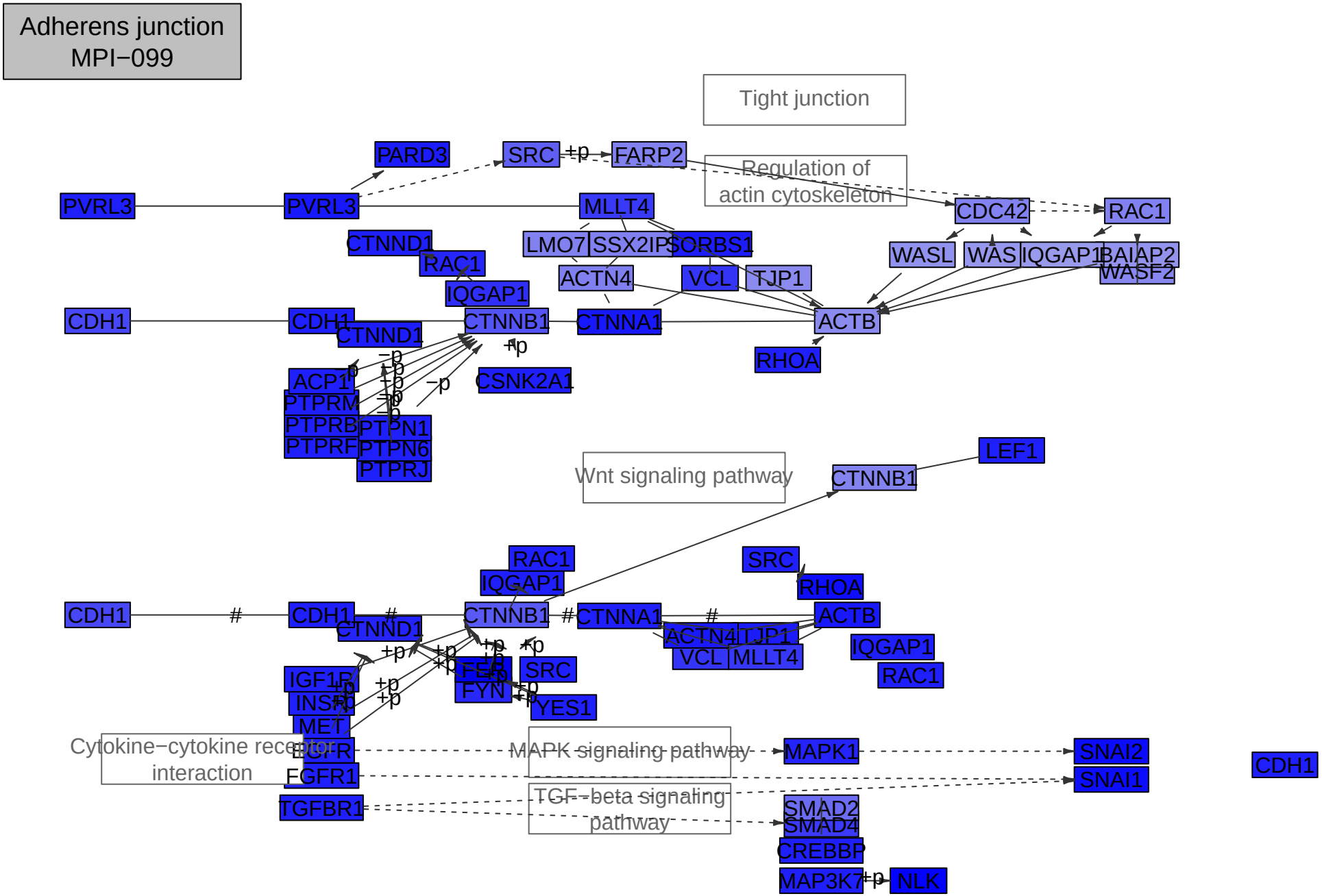
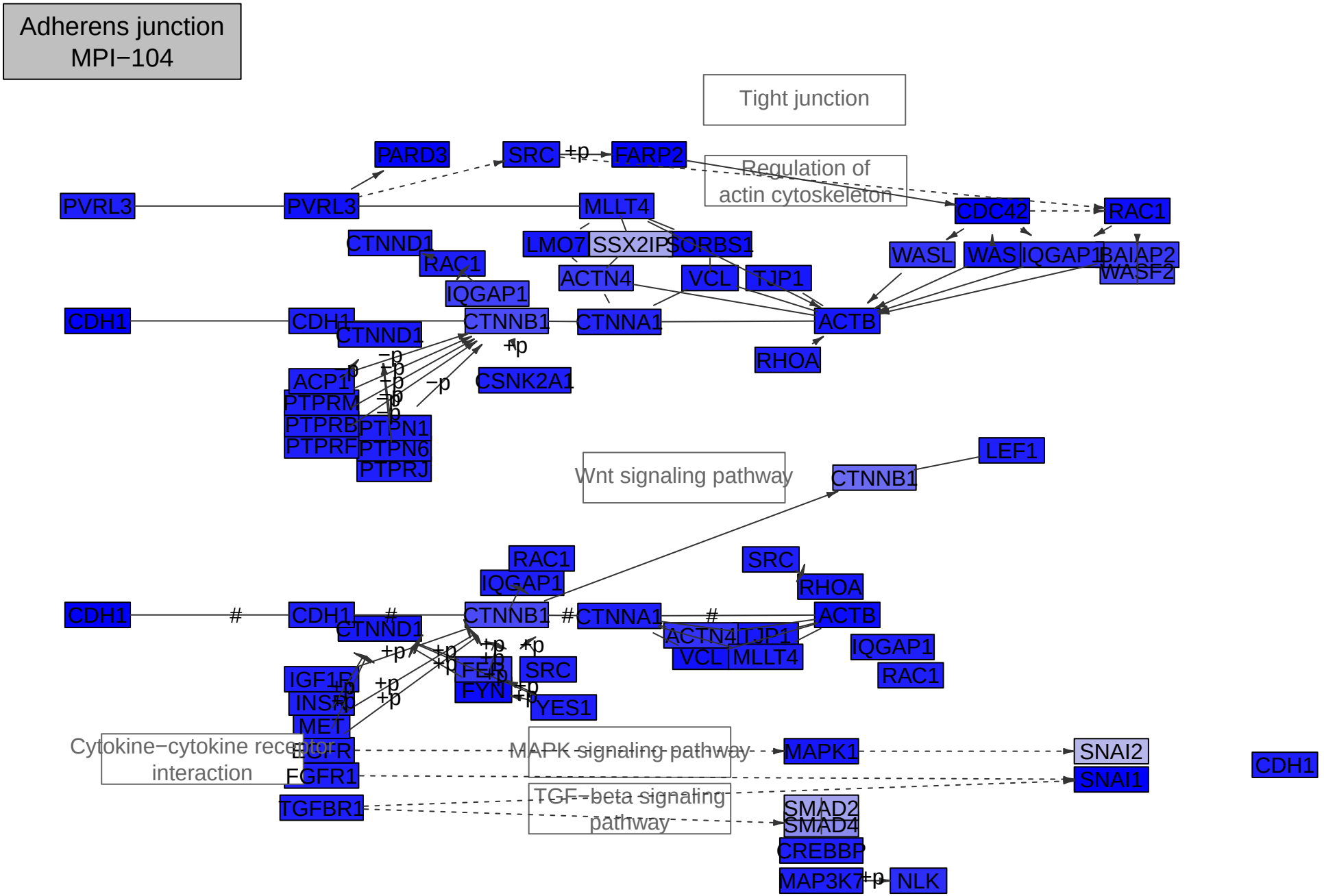
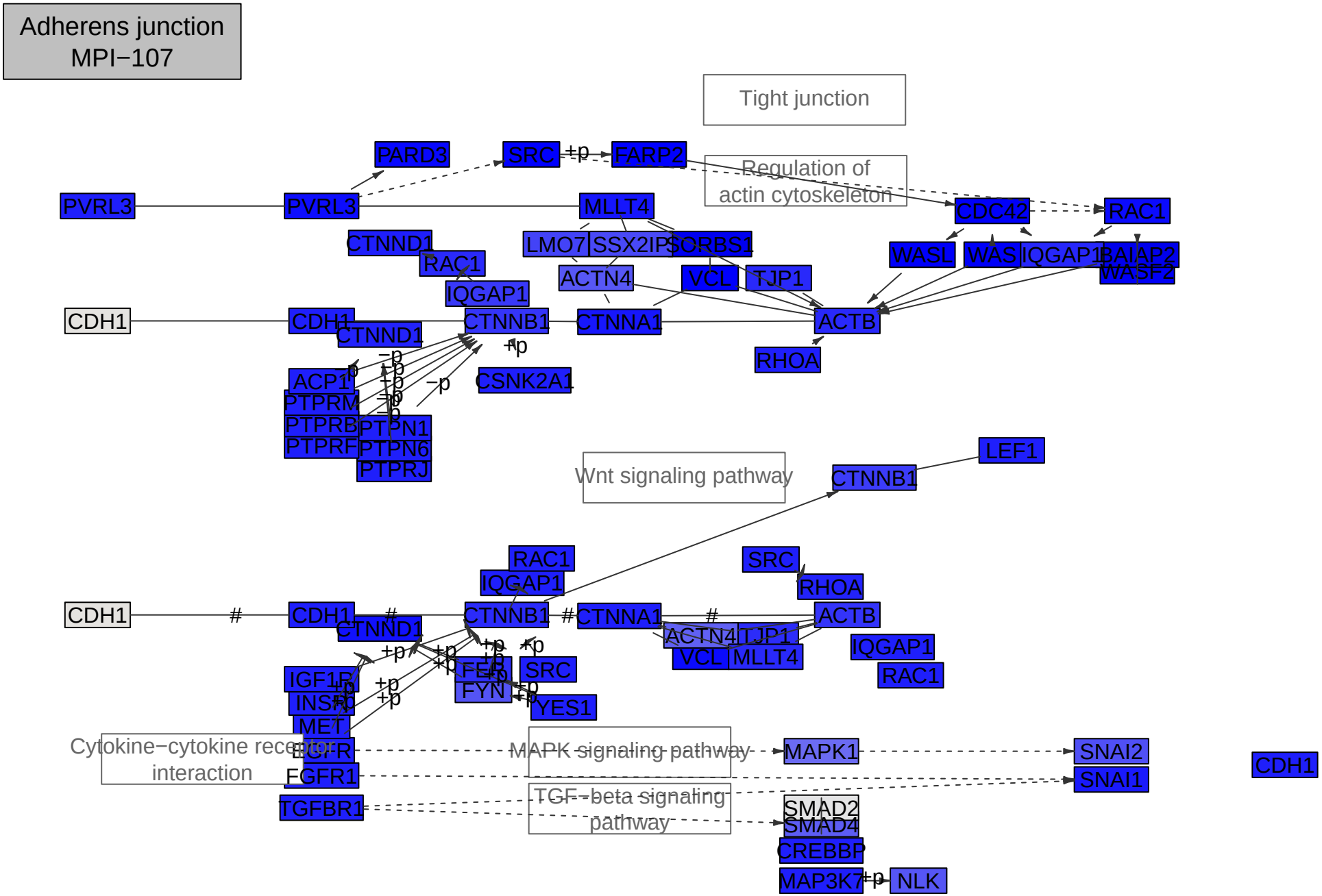
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

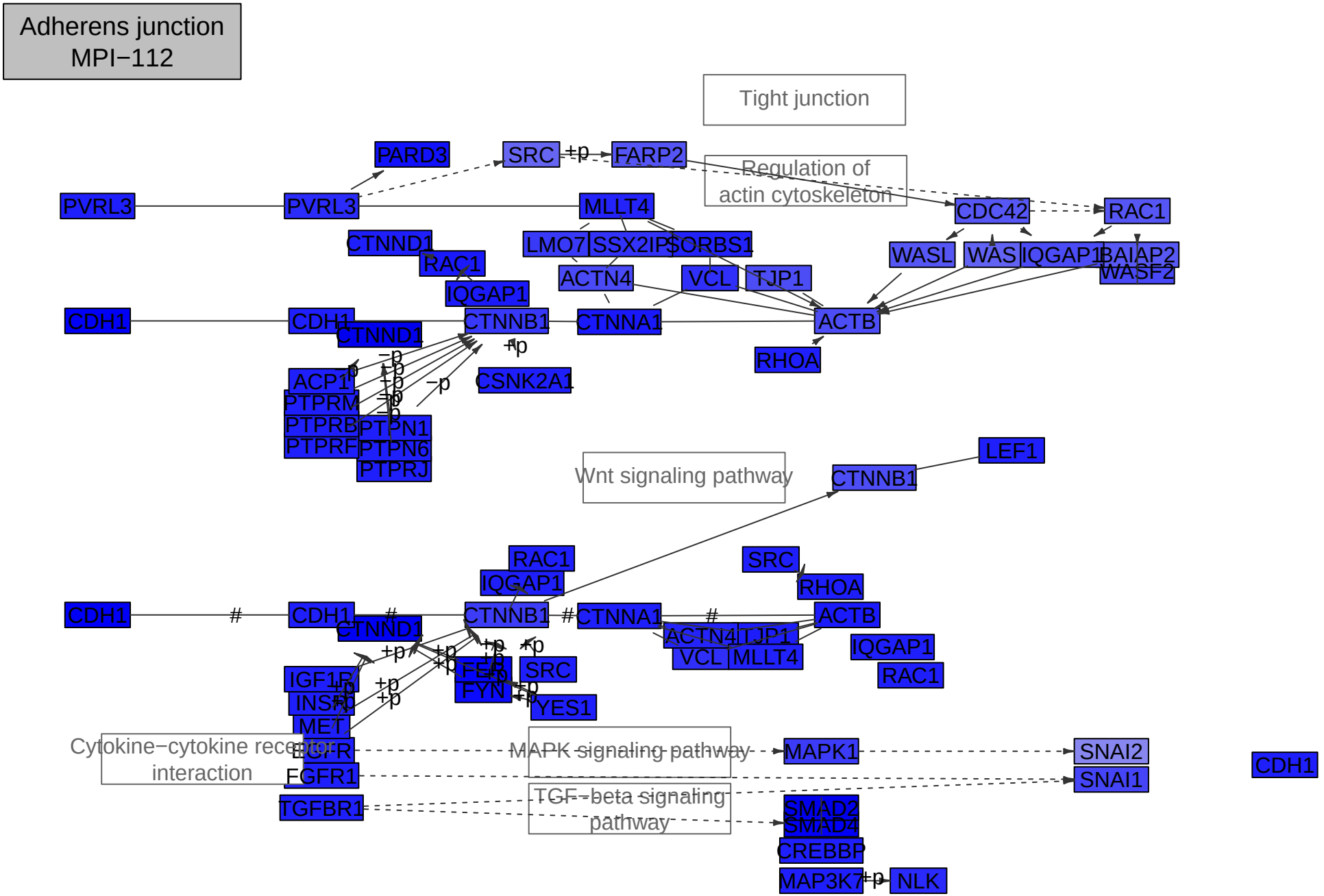

Adherens junction
MPI−093
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

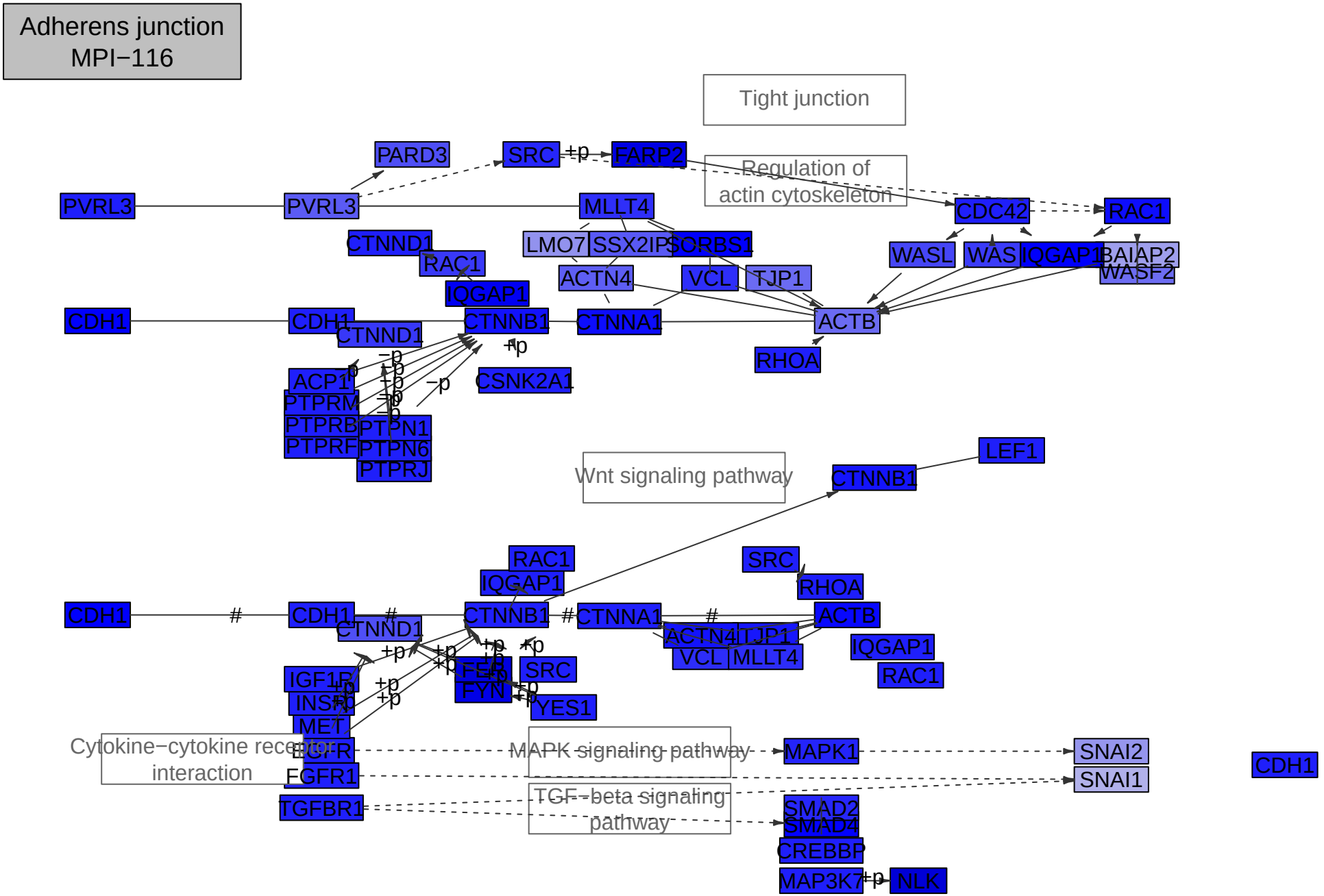

Adherens junction
MPI−094
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

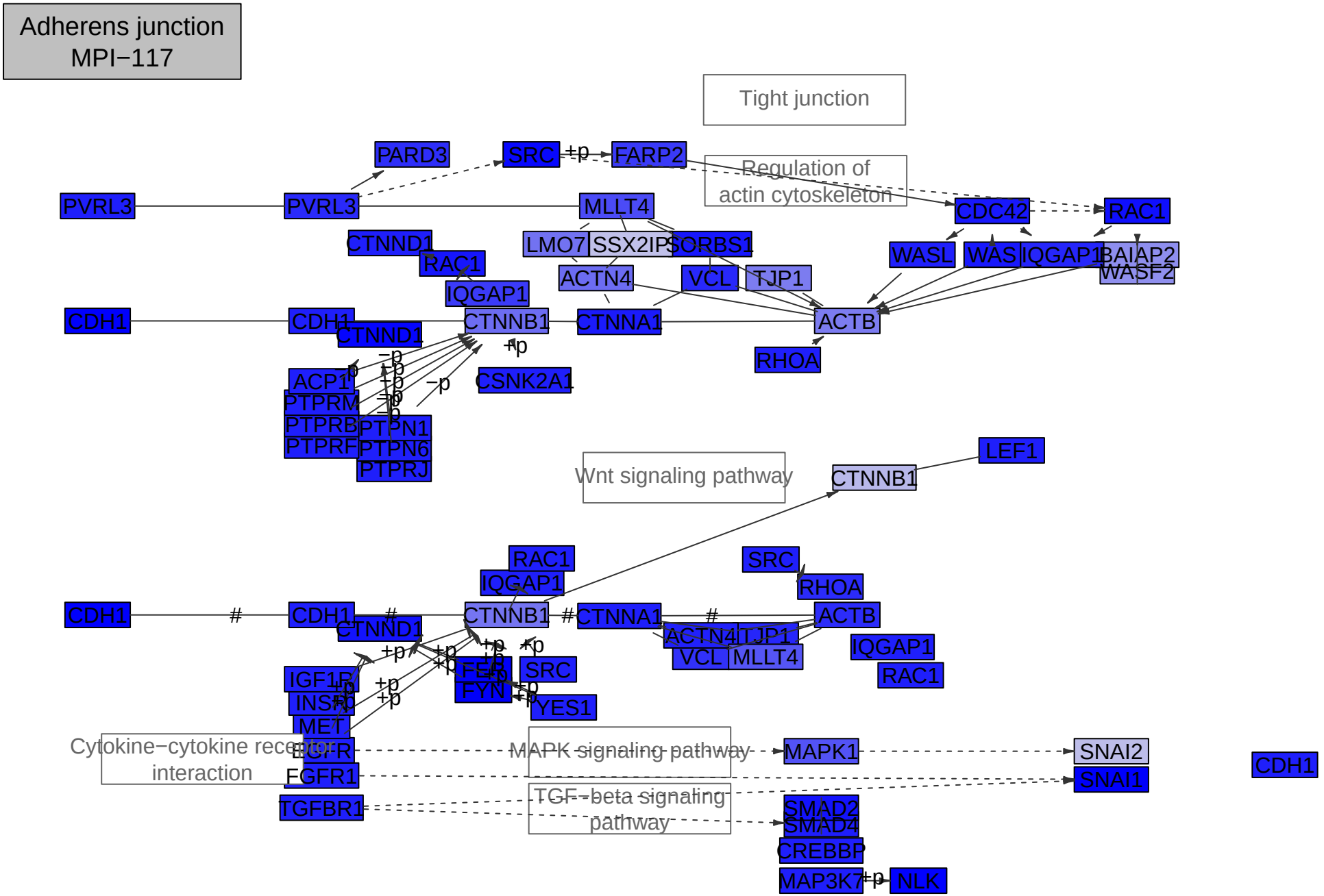

Adherens junction
MPI−099
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−104
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
IQGAP1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
RAC1
SRC
RHOA
IGF1R
INSR
MET
FER
FYN
YES1
EGFR
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−107
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
IQGAP1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−112
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−116
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−117
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
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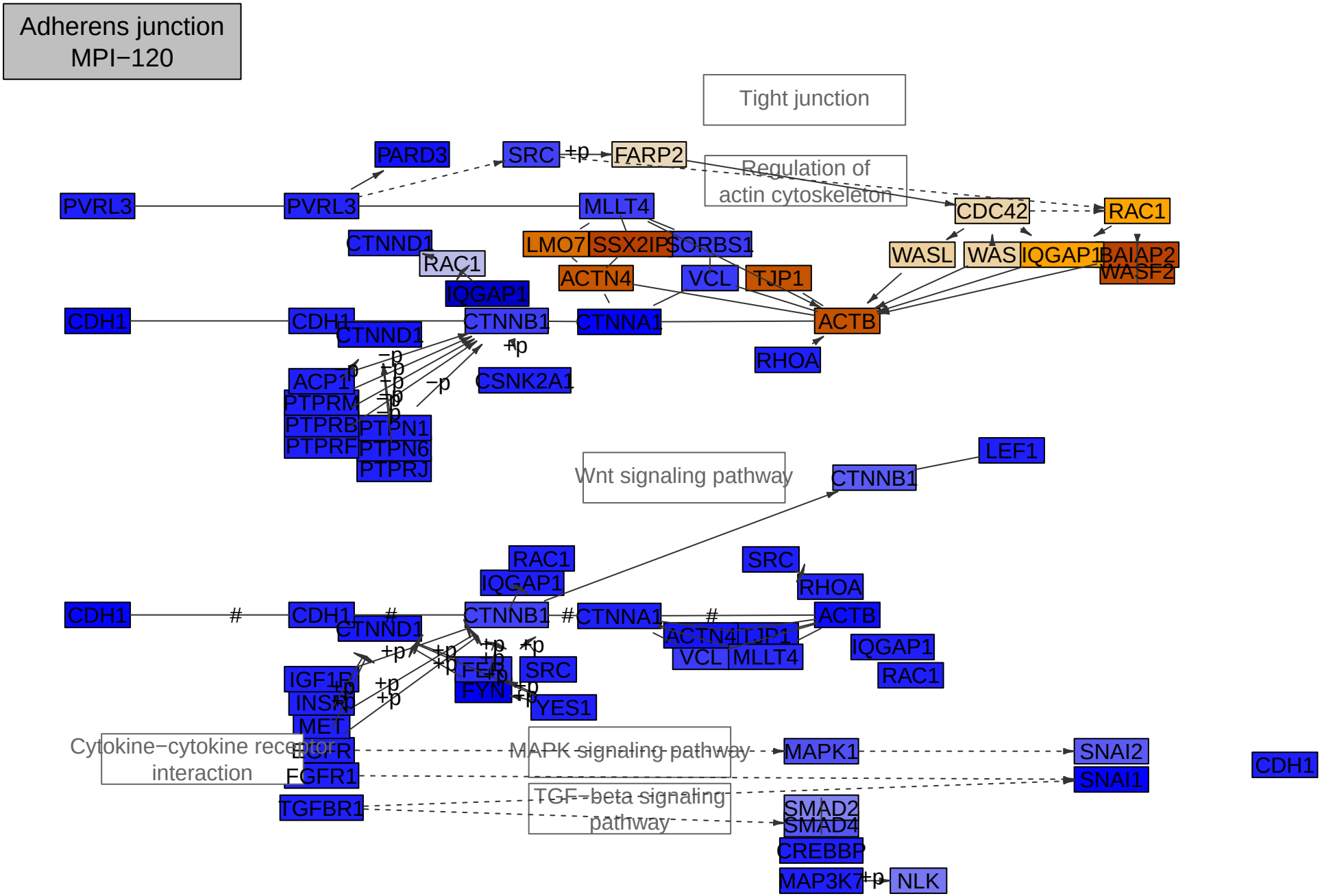
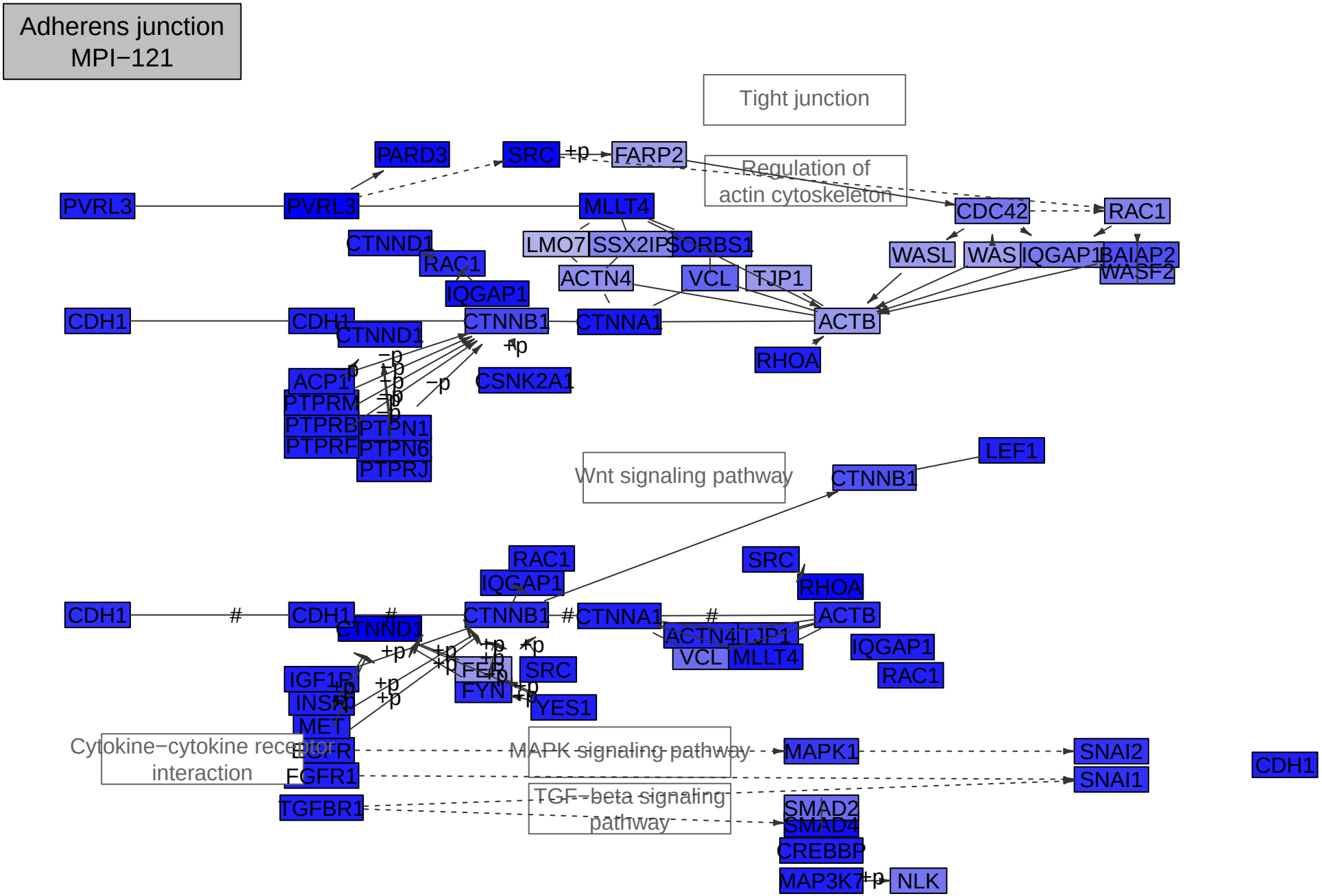
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−120
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−121
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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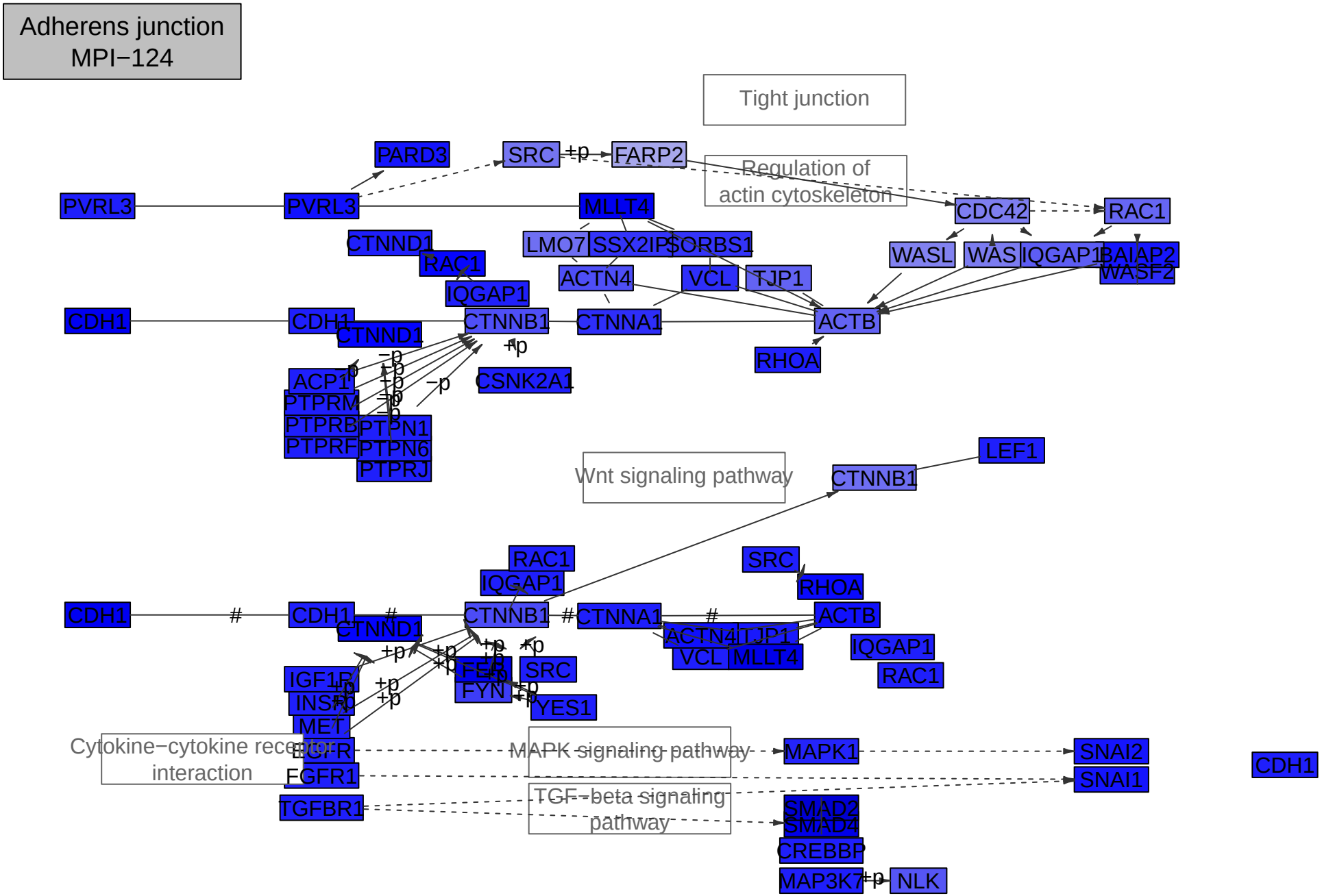
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−124
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
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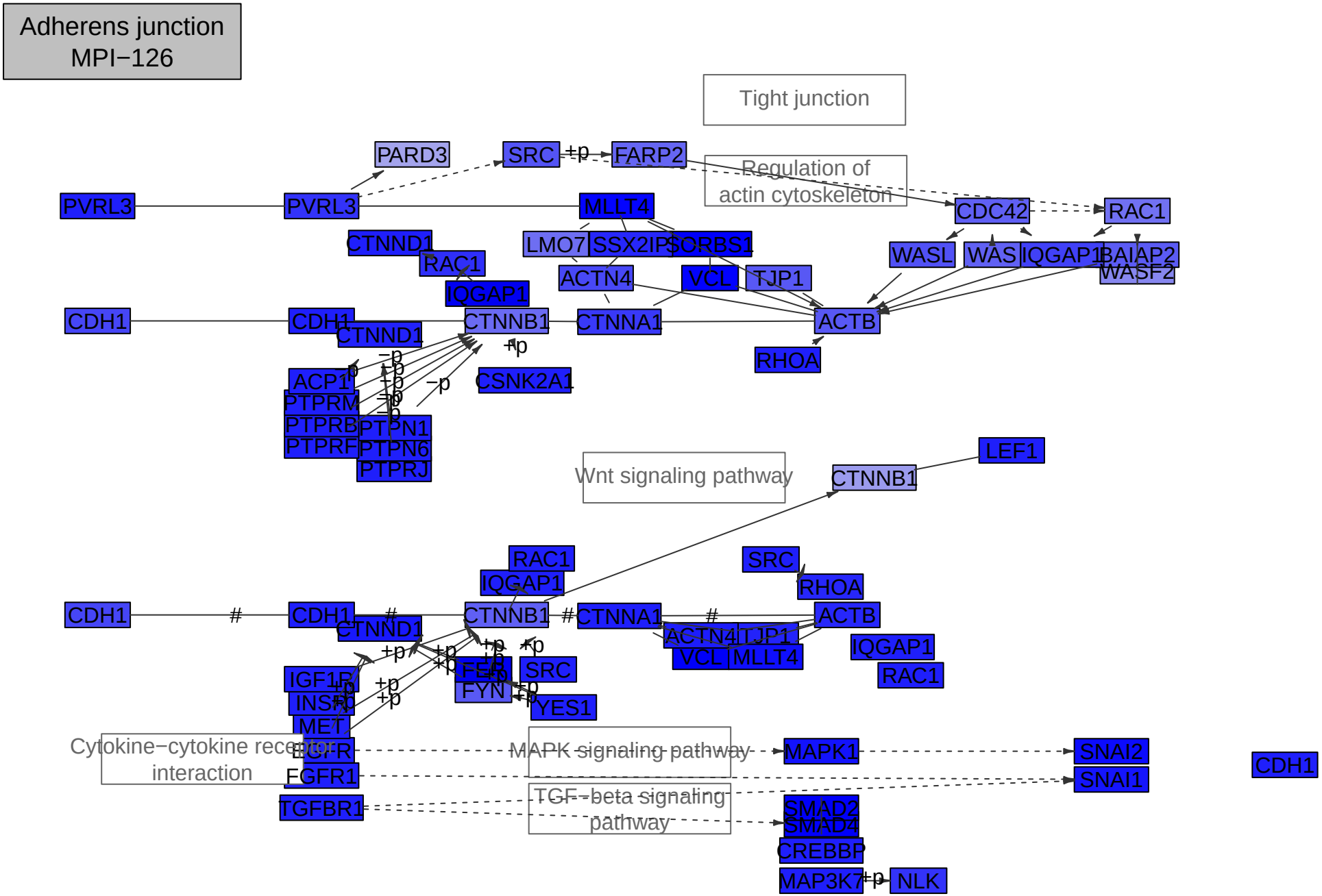
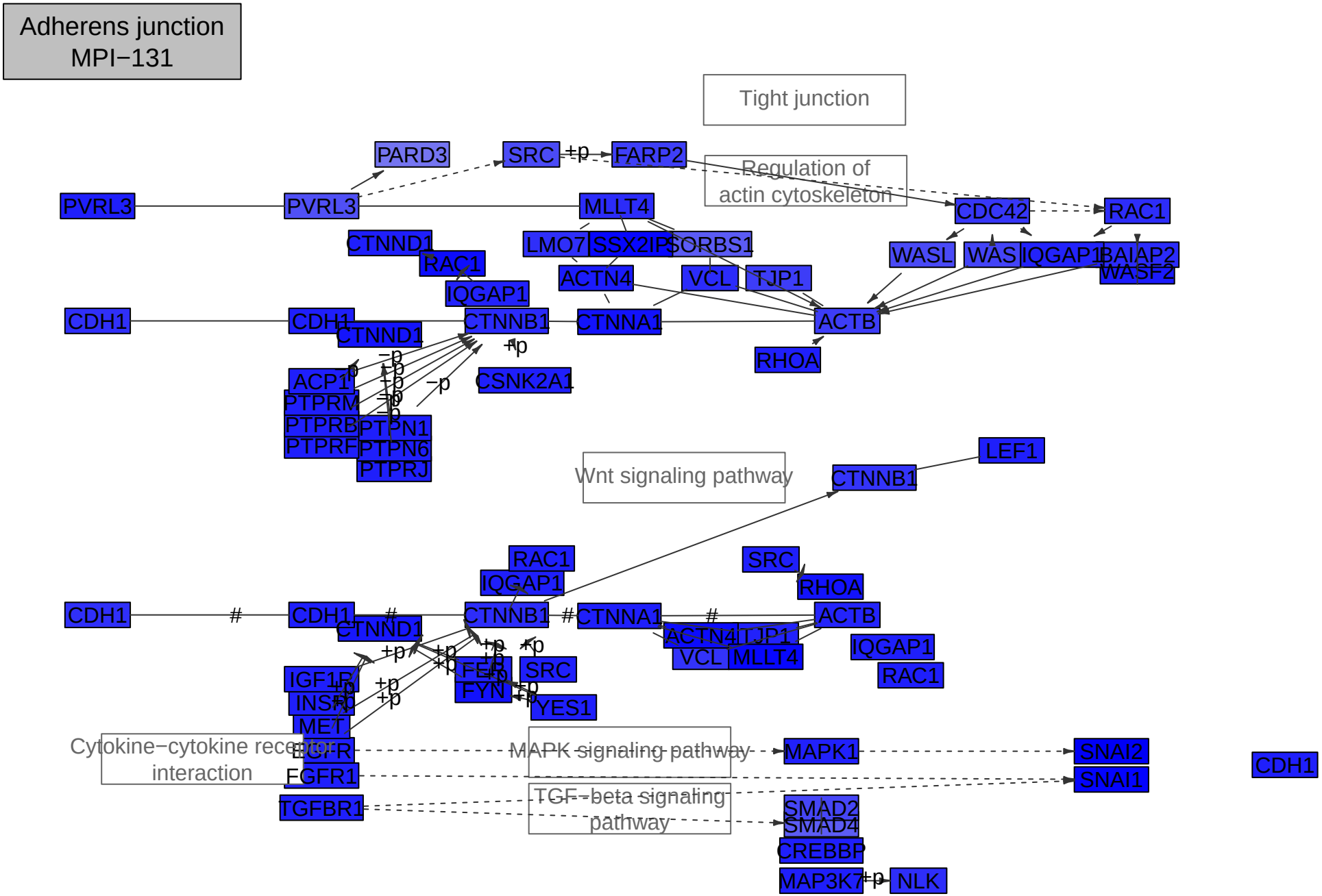
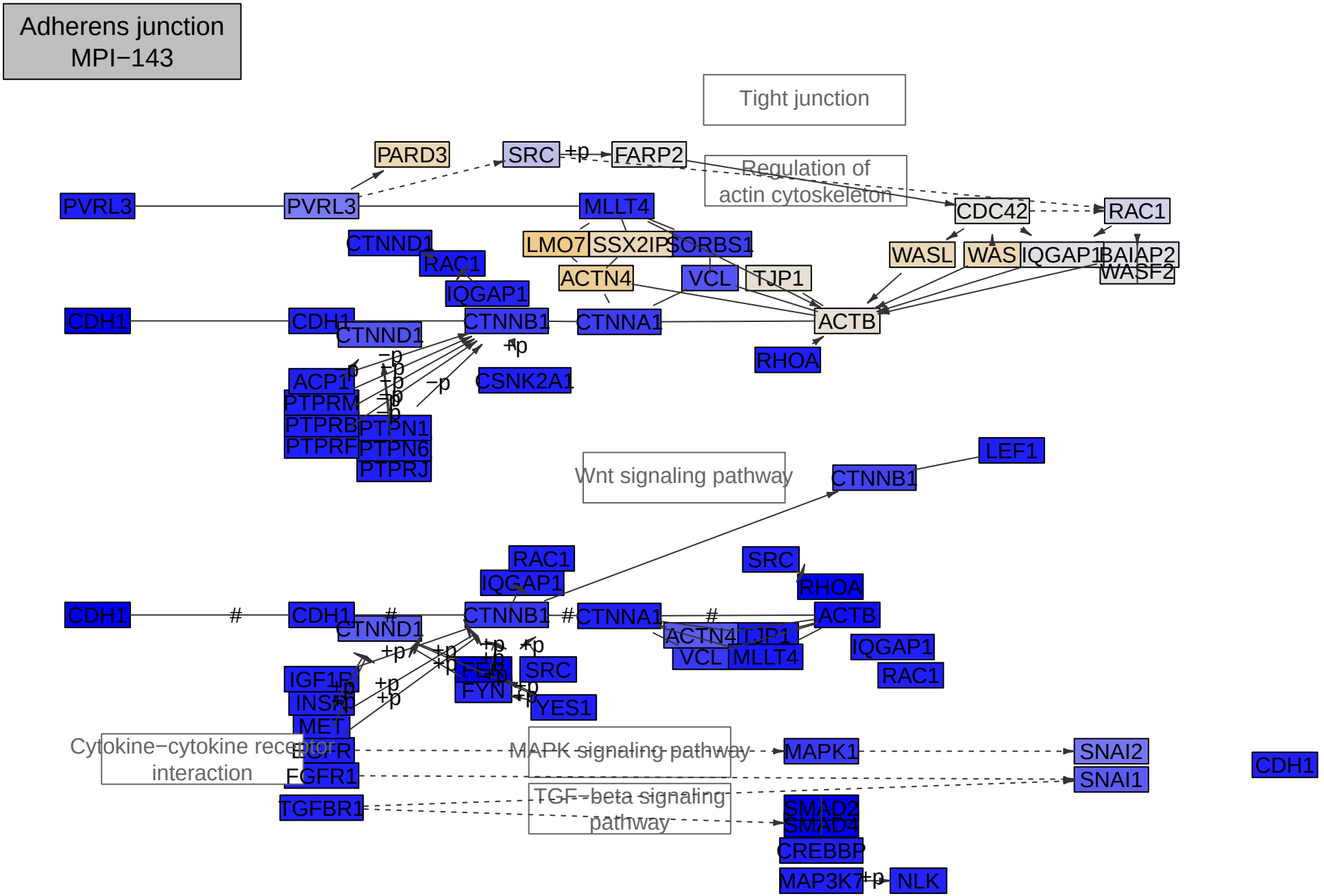
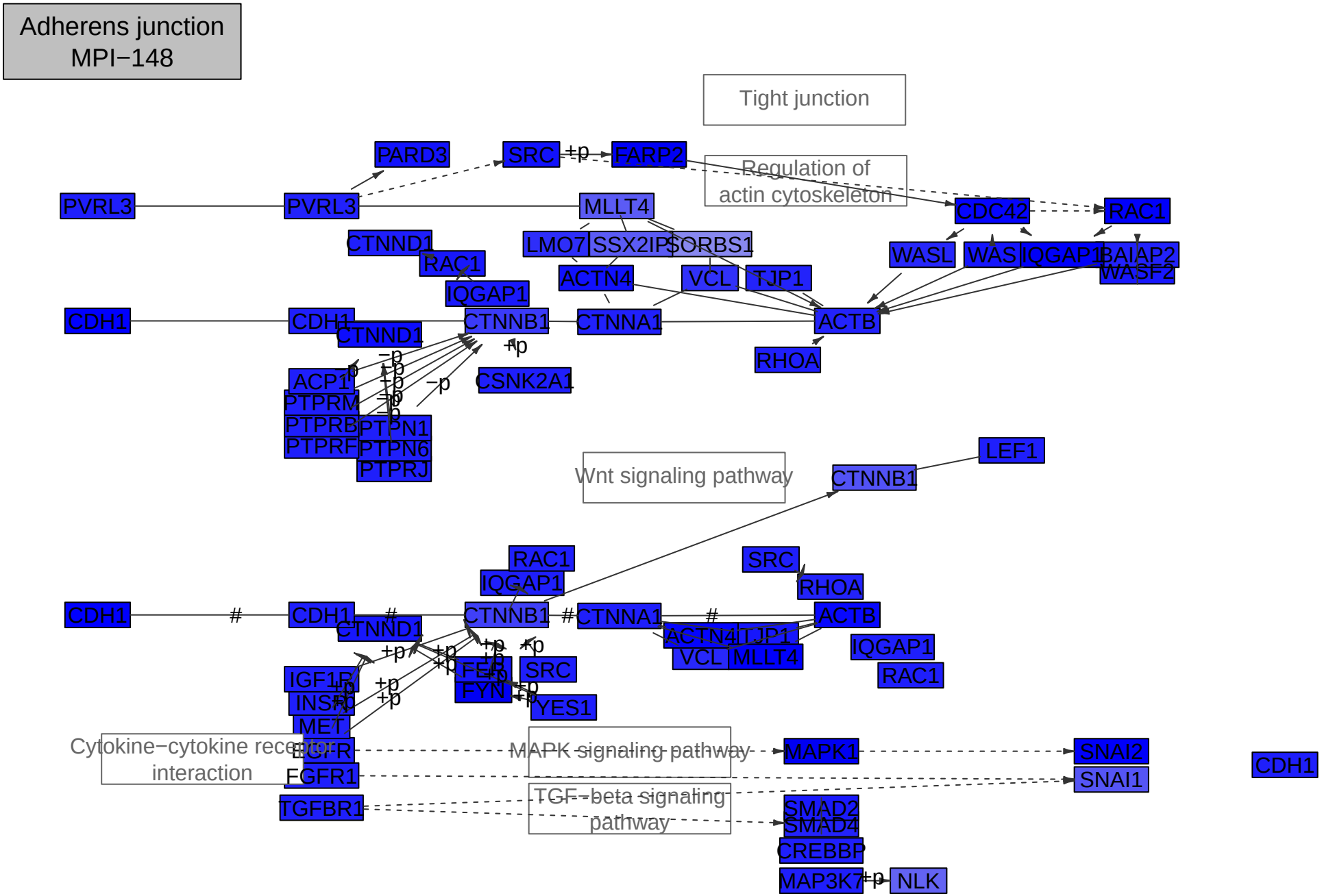
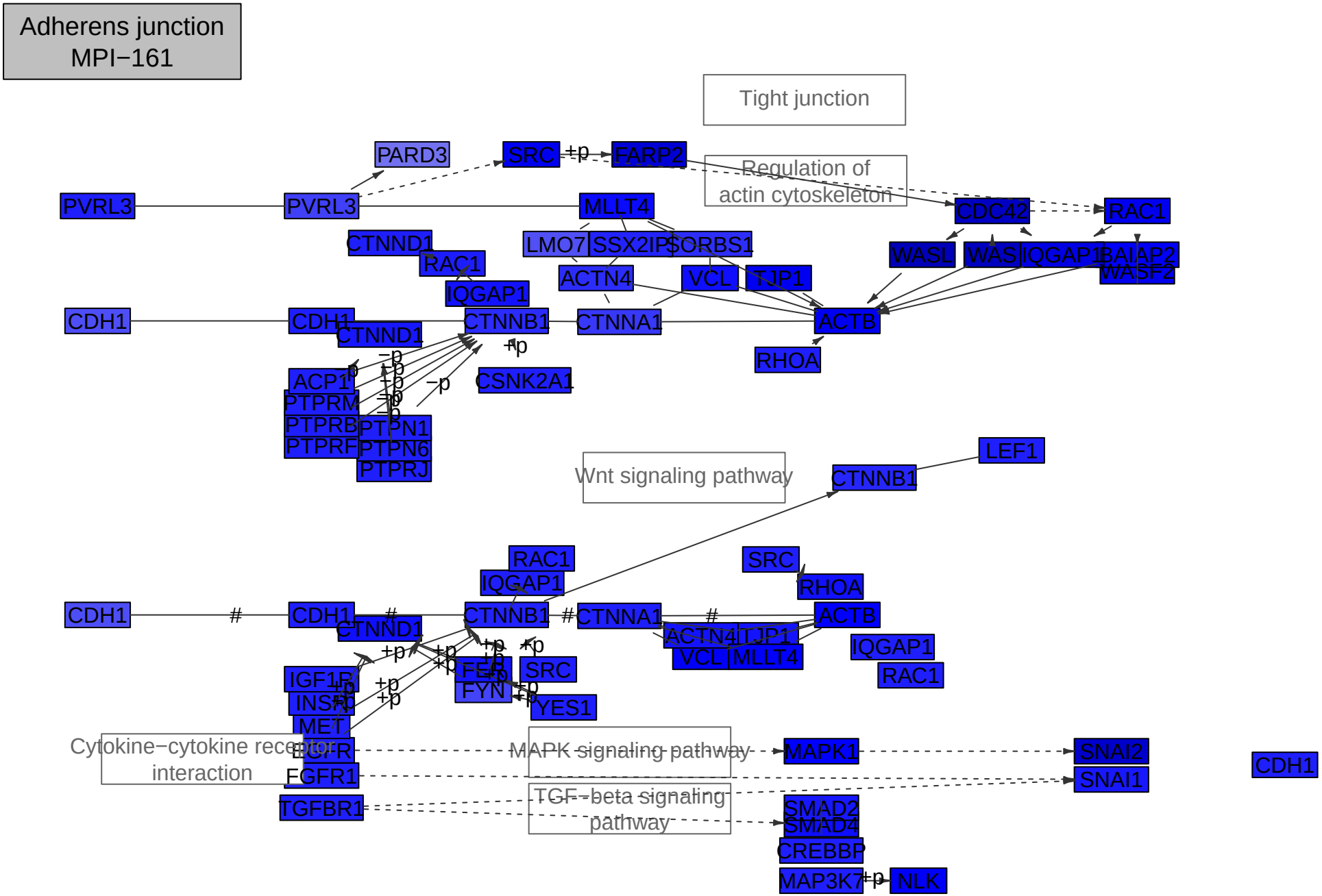
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−126
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR1
FER
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−131
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−143
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
CDC42
RAC1
PVRL3
PVRL3
MLLT4
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
SRC
INSR
FYN
YES1
MET
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
MAPK1
SNAI2
SNAI1
CDH1
EGFR
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−148
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−161
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
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LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
HGFR
EGFR1
TGFBR1
MAPK1
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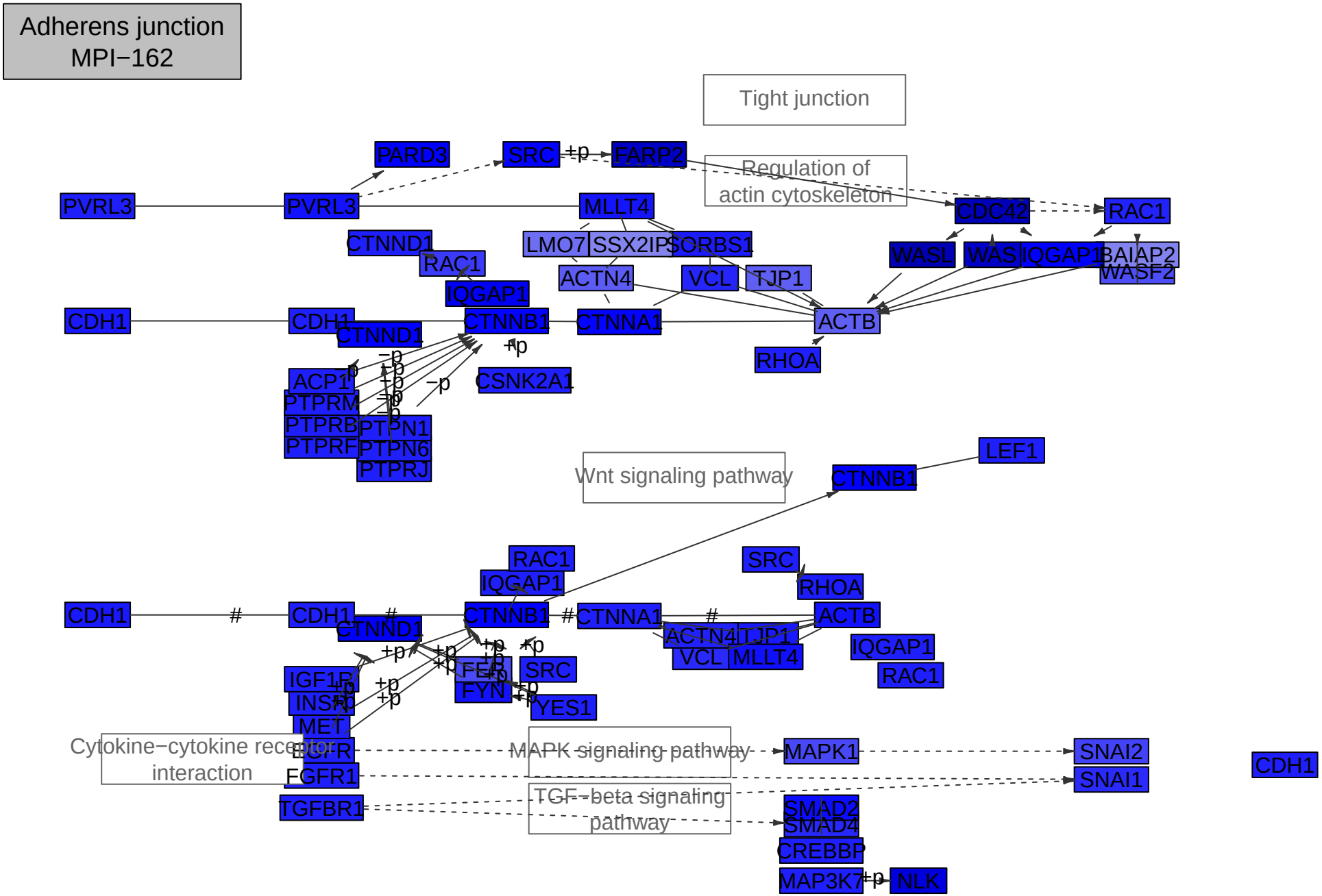
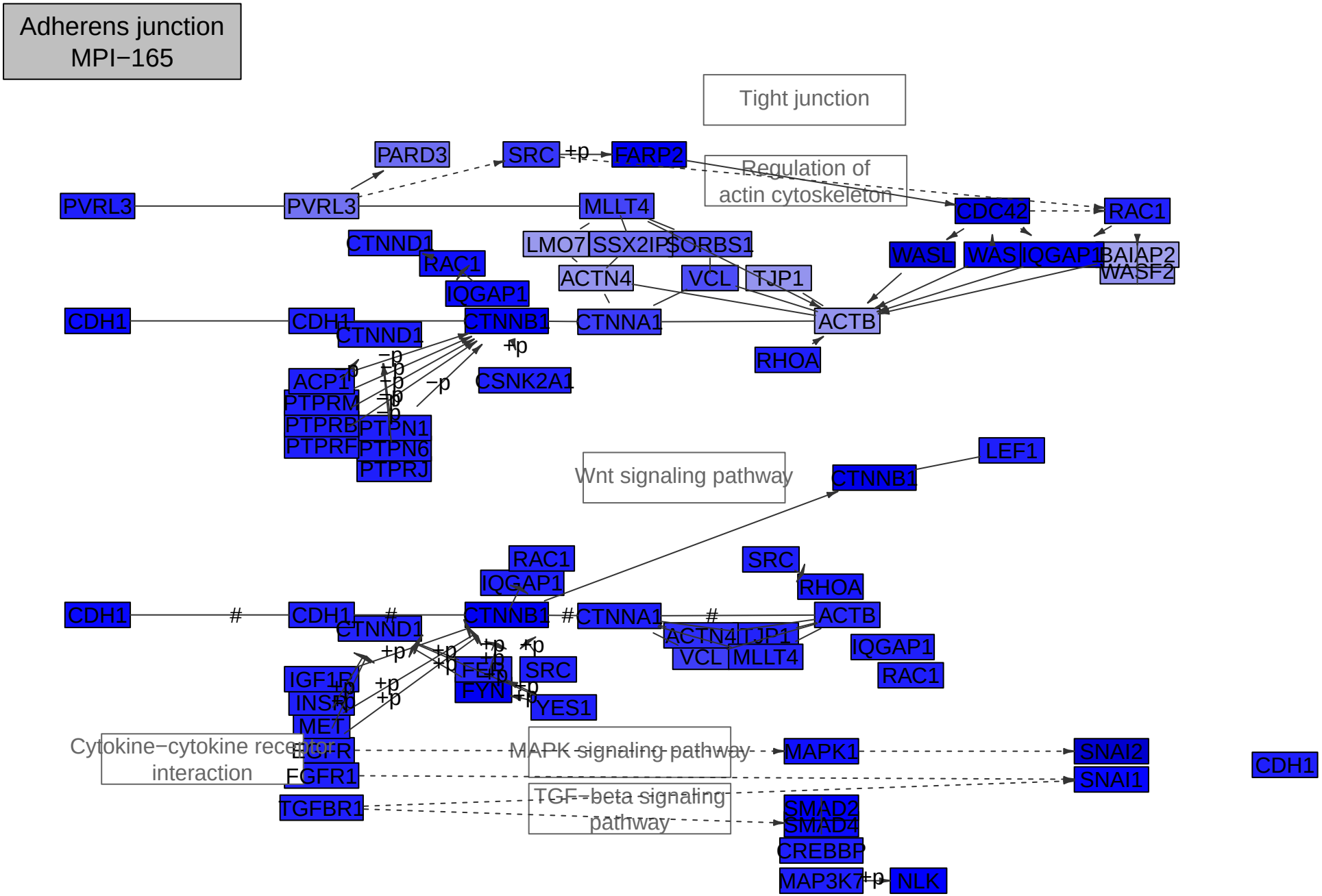
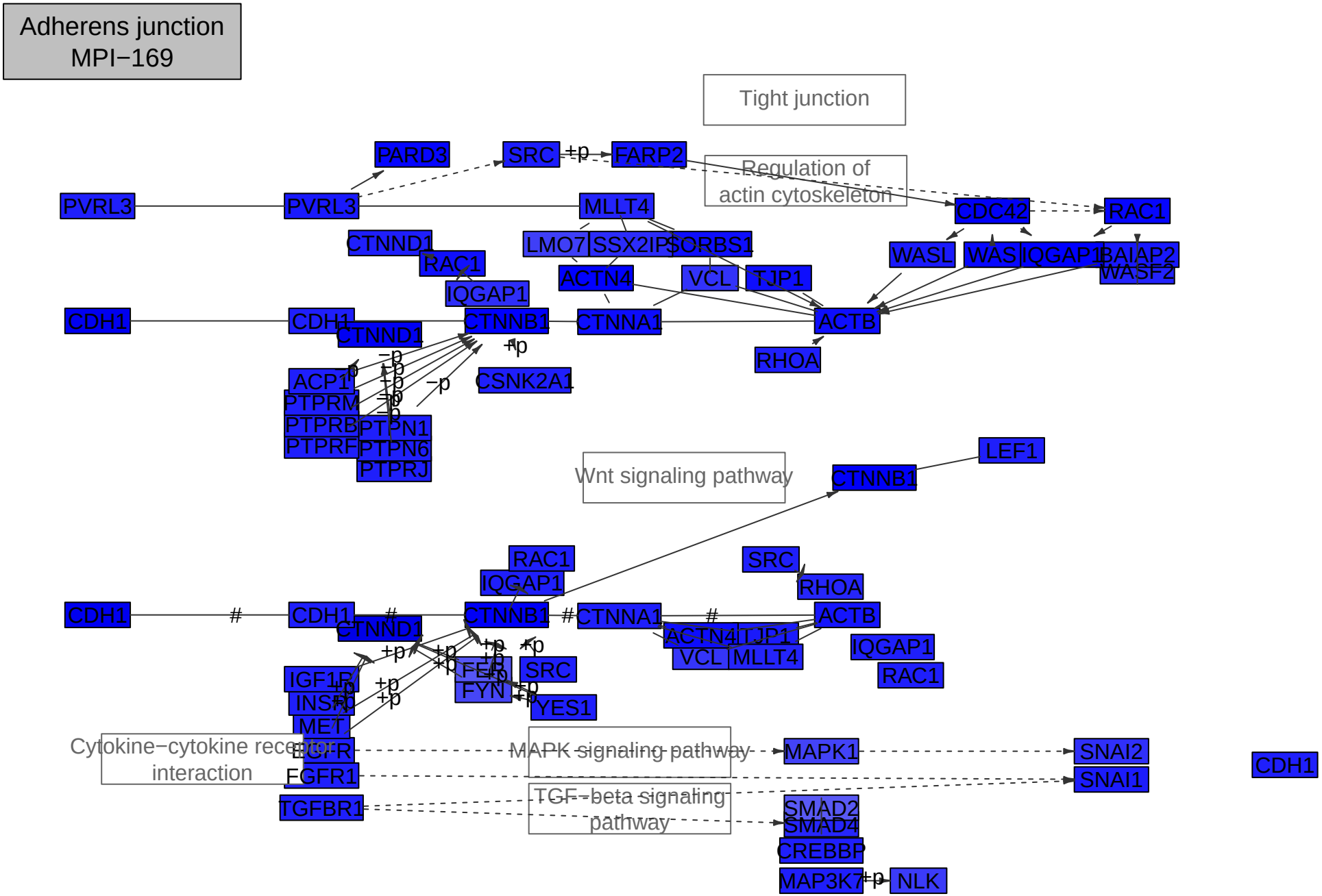
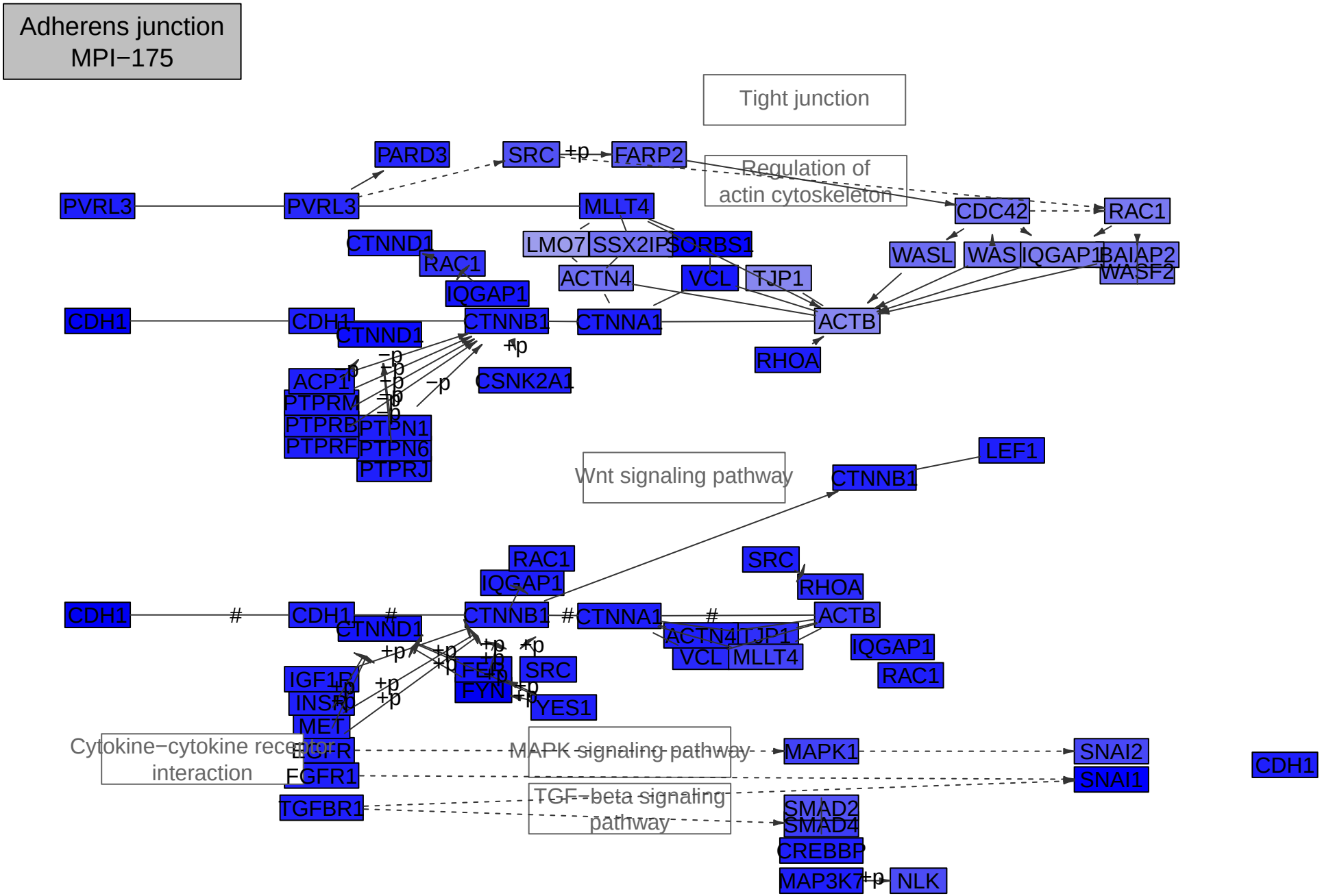
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

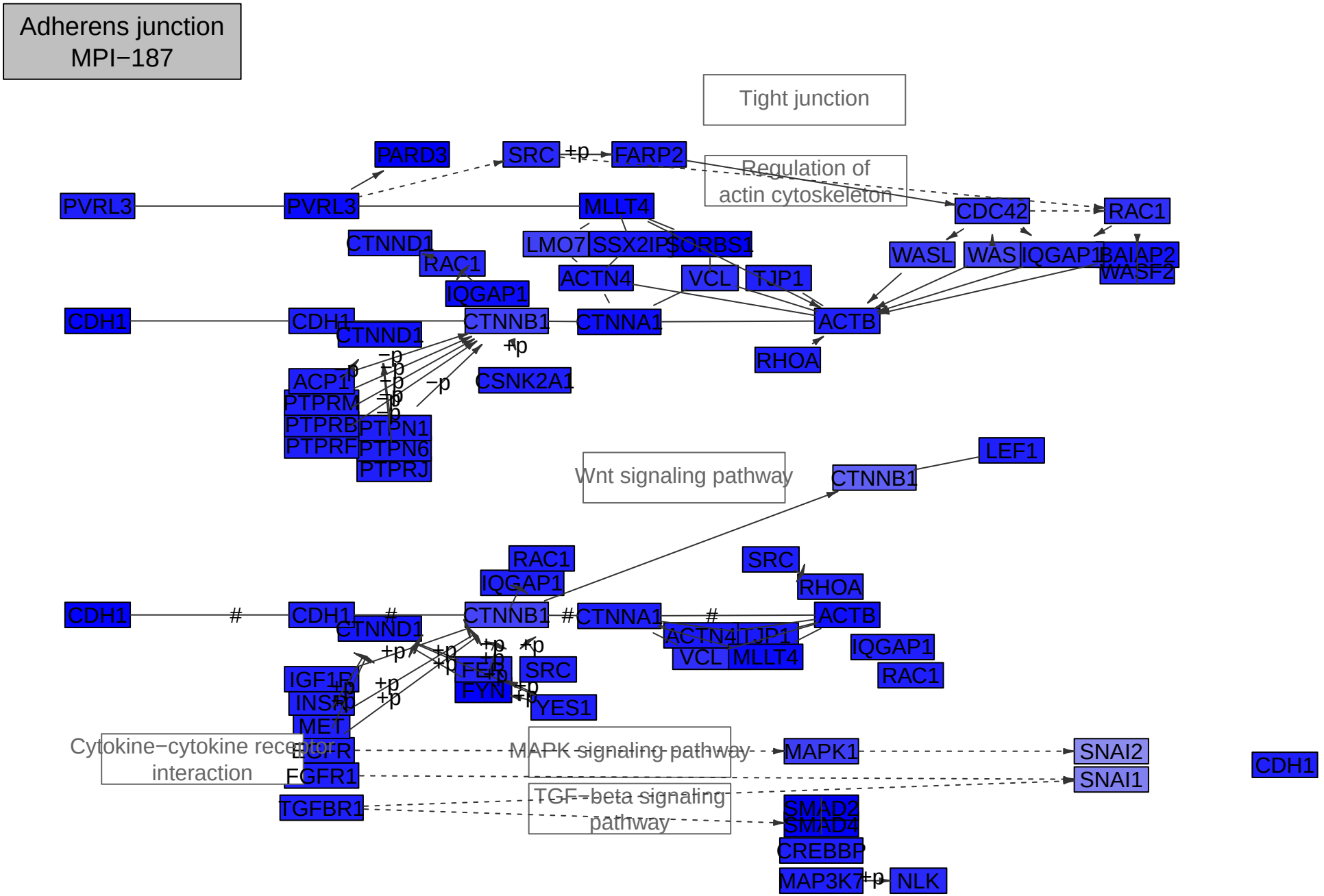

Adherens junction
MPI−162
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR1
MAPK1
SNAI2
SNAI1
CDH1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−165
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

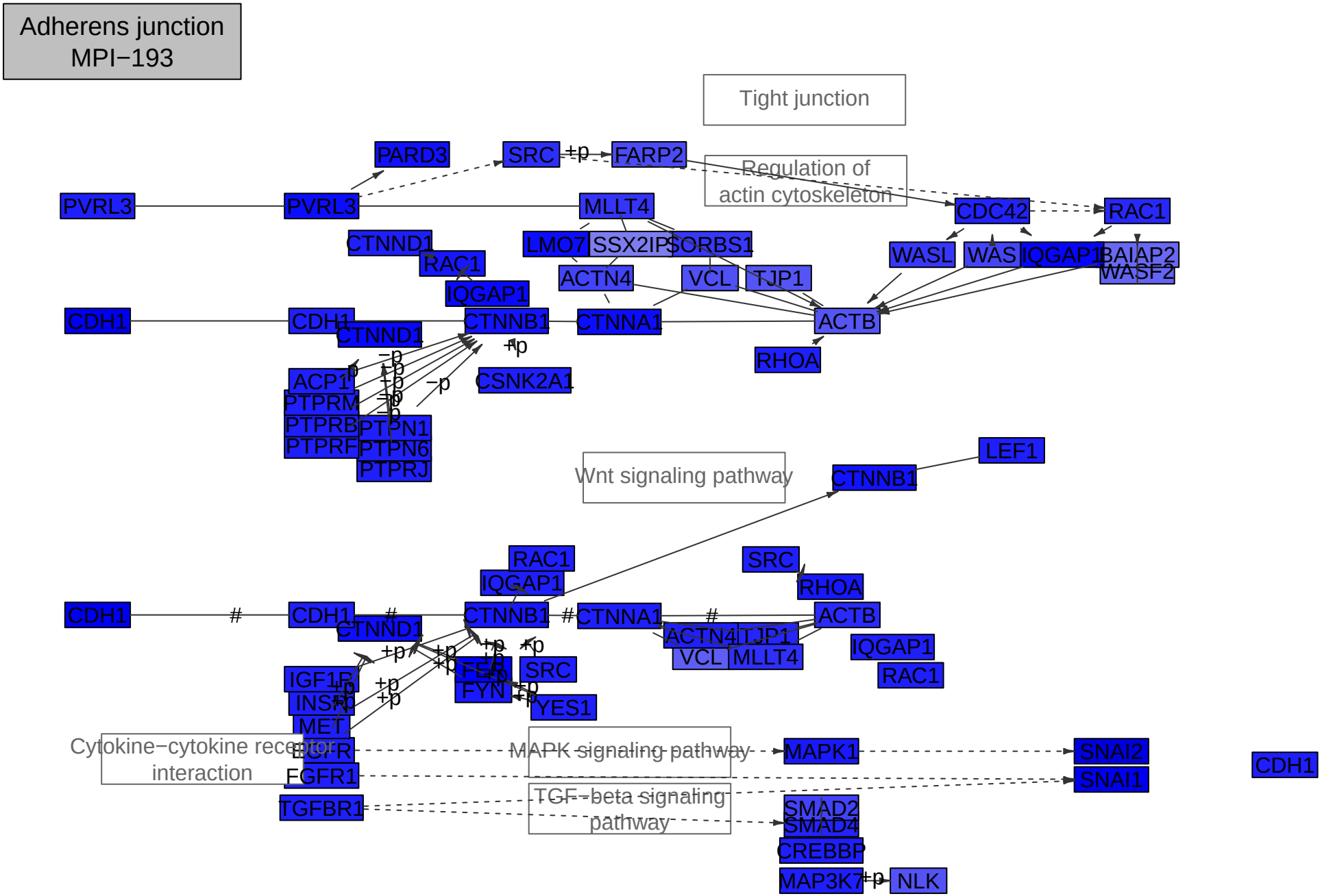


Adherens junction
MPI−169
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
SRC
RHOA
ACTN4
TJP1
VCL
MLLT4
IGF1R
INSR
MET
EGFR
FGFR1
TGFBR1
FER
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

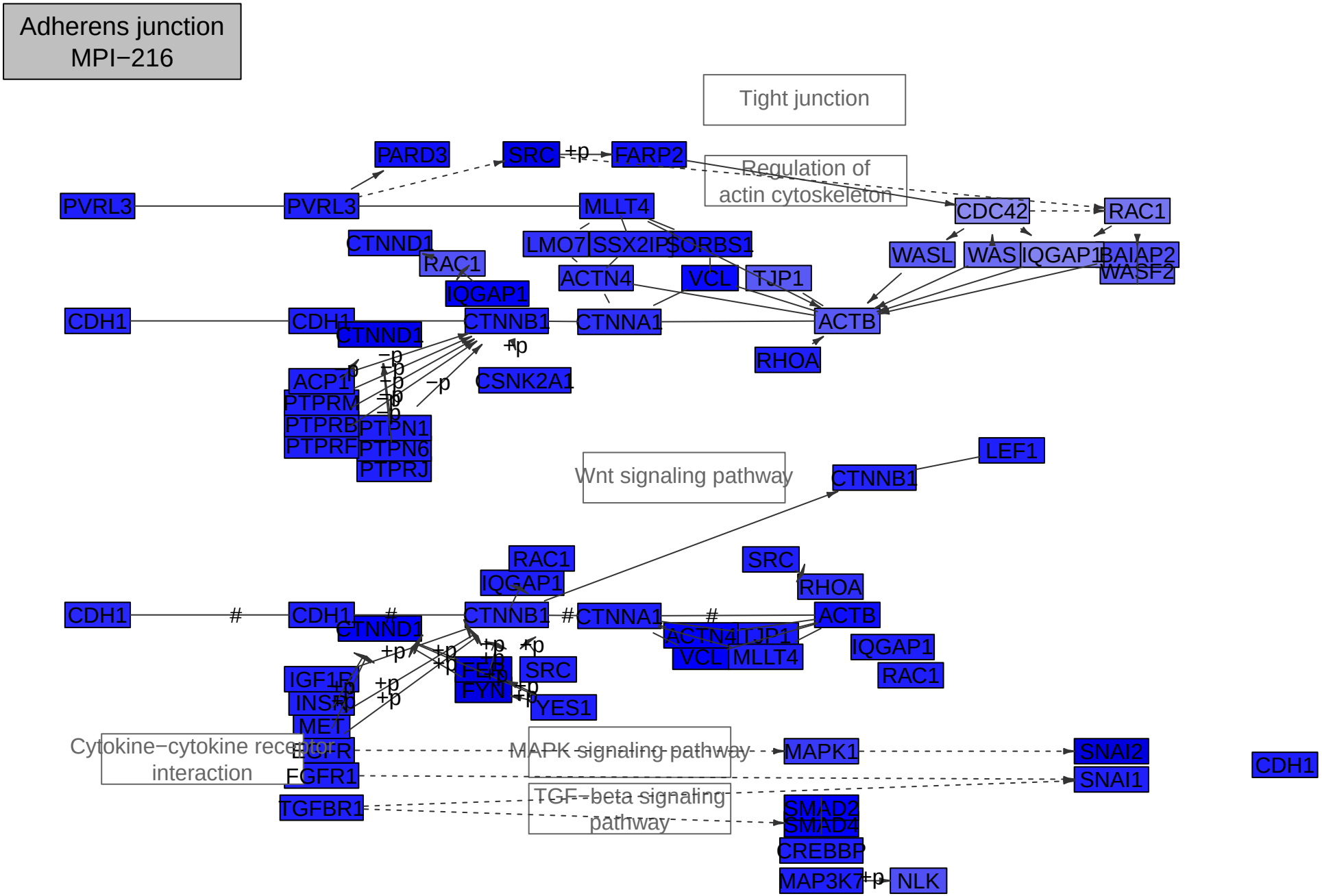

Adherens junction
MPI−175
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

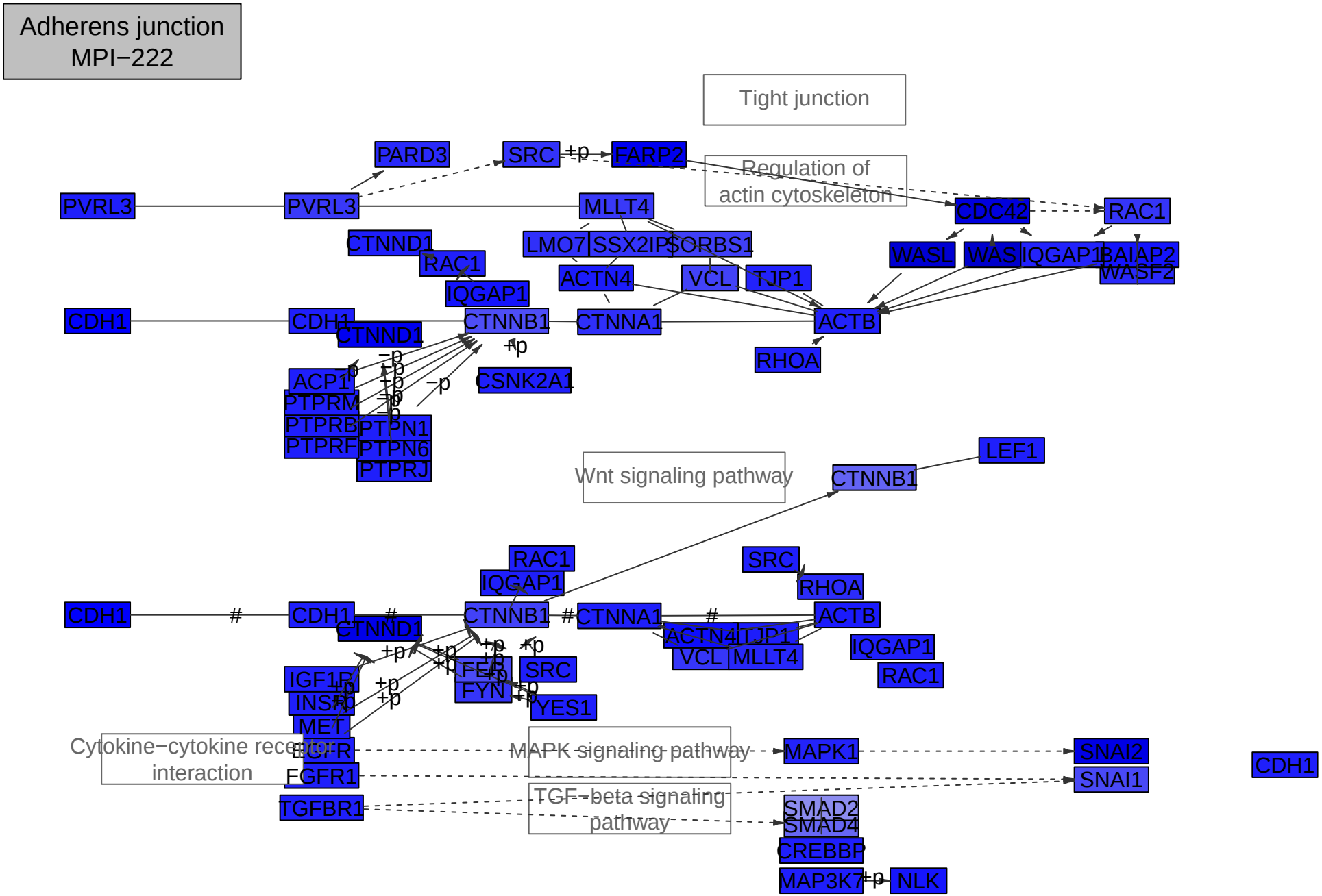


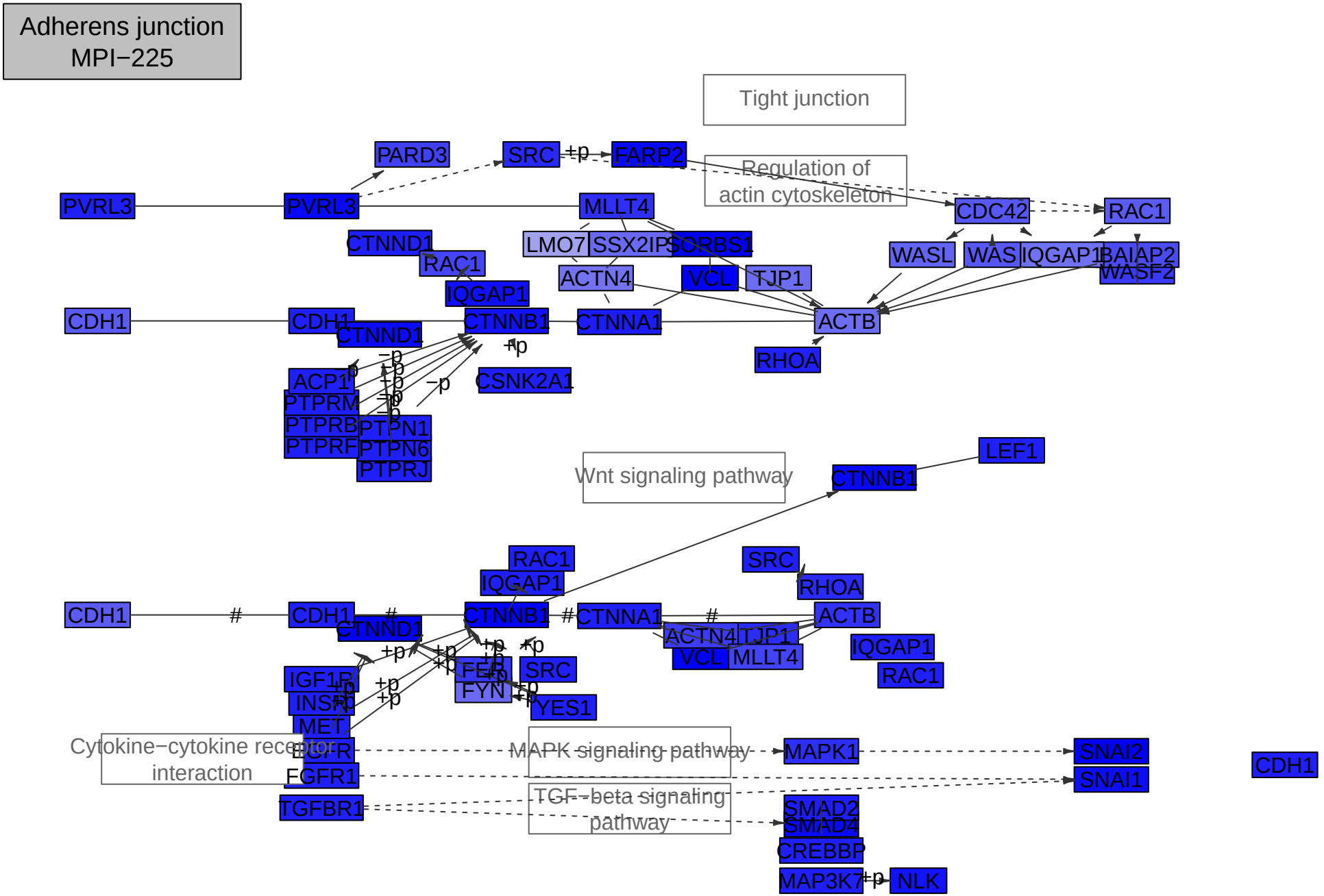
Adherens junction
MPI−187
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
+p
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
RAC1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNND1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNND1
CTNNB1
CTNNA1
ACTB
ACTN4
TJP1
VCL
MLLT4
IQGAP1
RAC1
IGF1R
INSR
MET
FGFR
FGFR1
TGFBR1
FER
FYN
SRC
YES1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

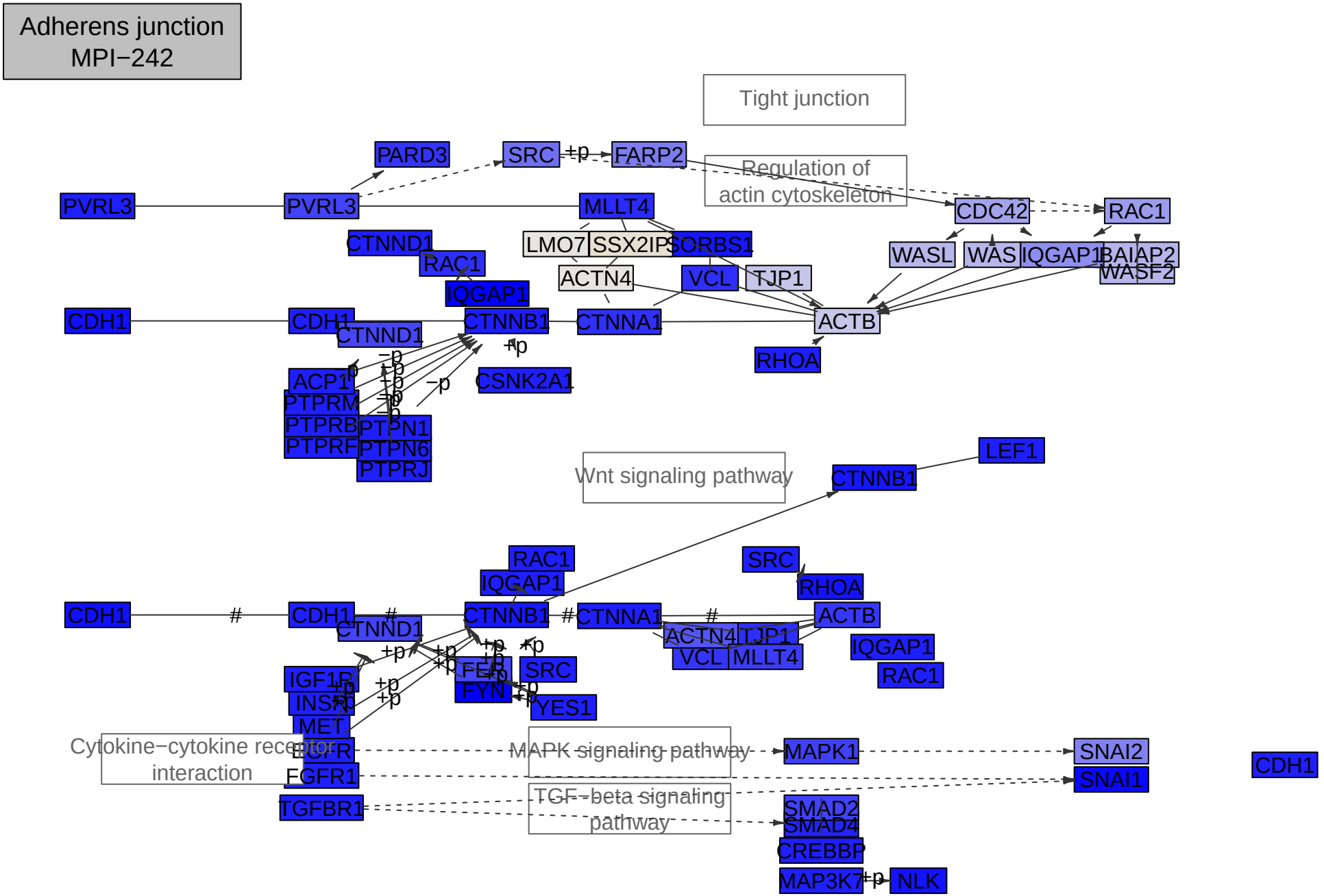


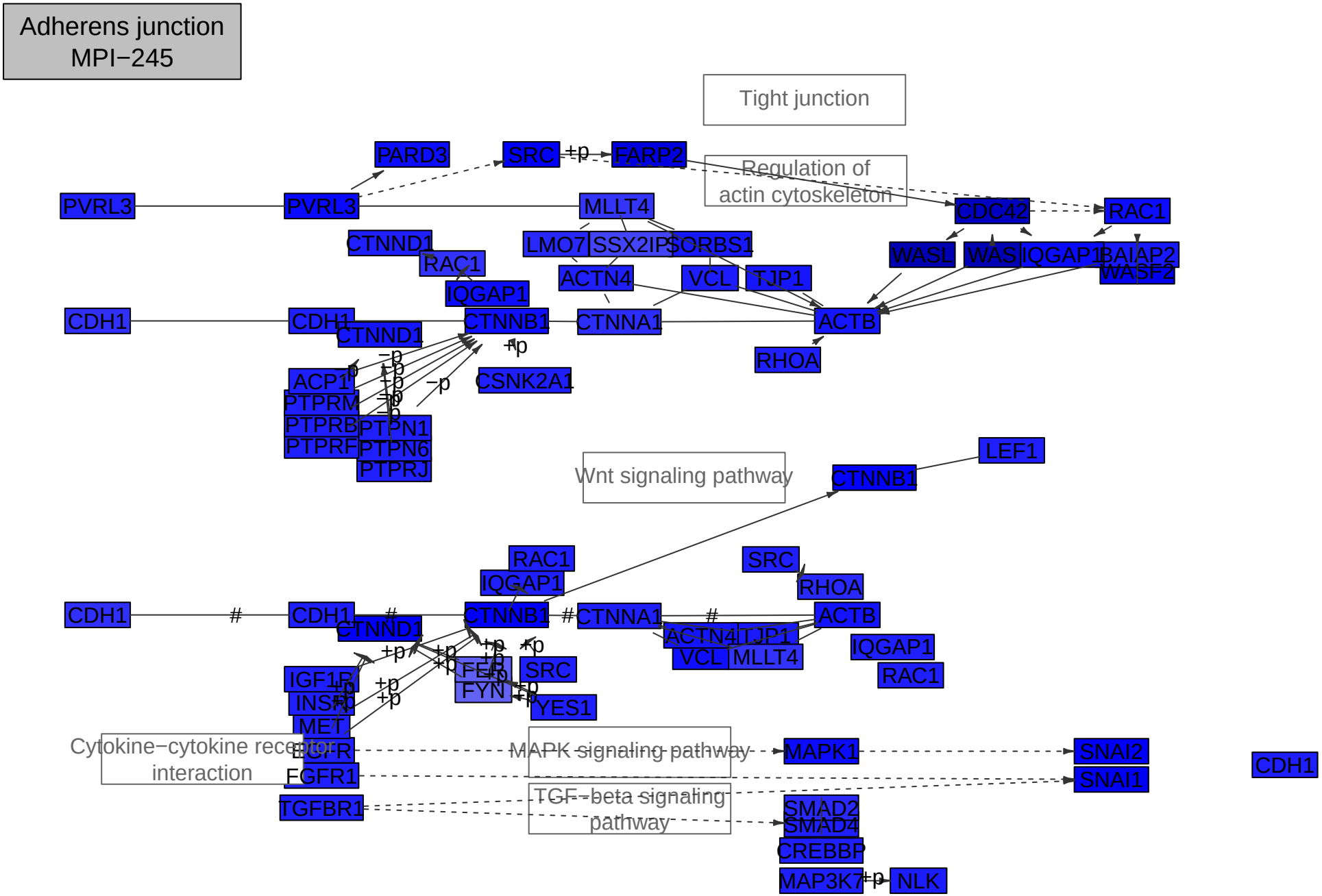
Adherens junction
MPI−193
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
SRC
RHOA
ACTN4
TJP1
VCL
MLLT4
IGF1R
INSR
MET
FGFR1
TGFBR1
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−216
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

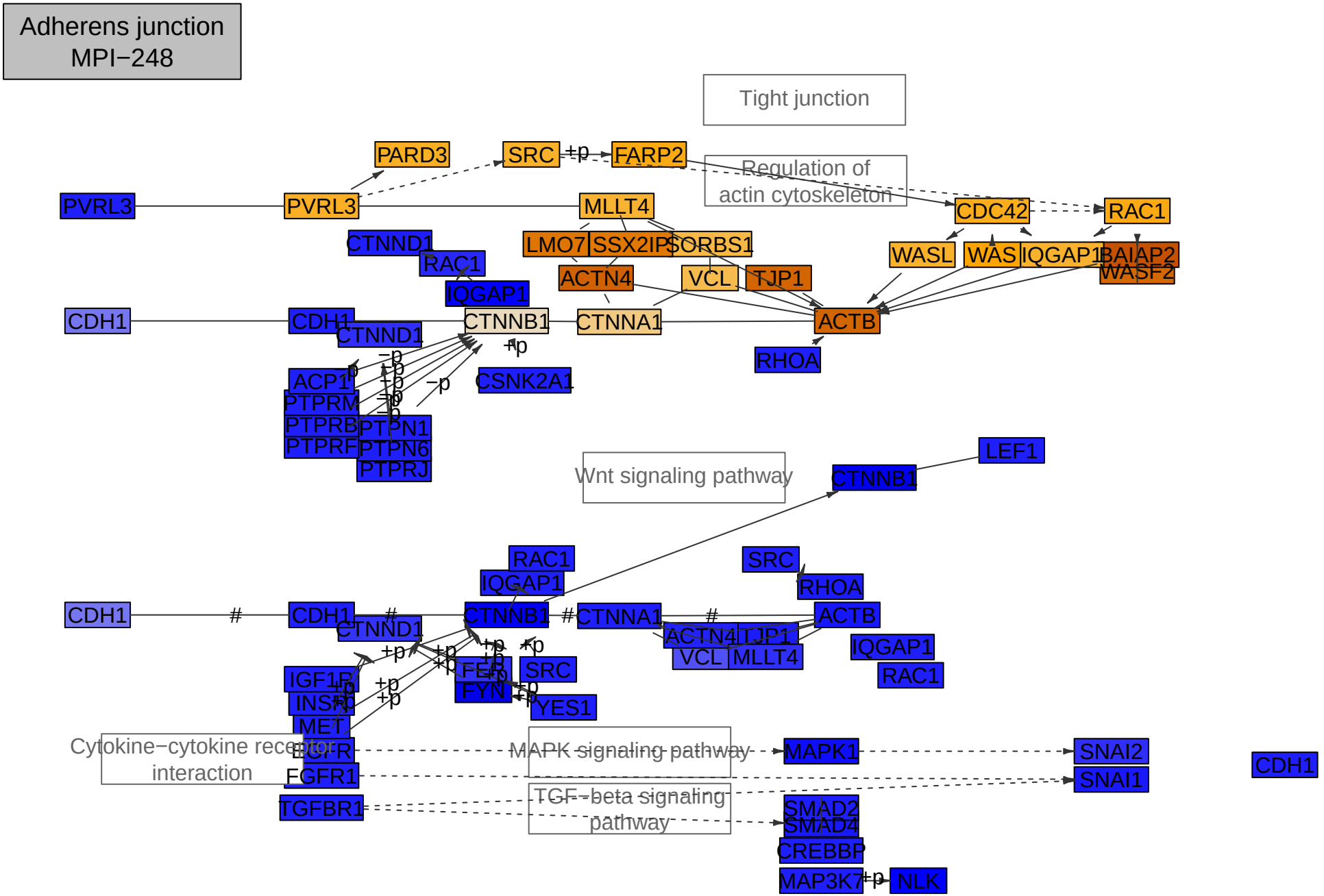

Adherens junction
MPI−222
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
FER
FYN
YES1
EGFR
TGFBR1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

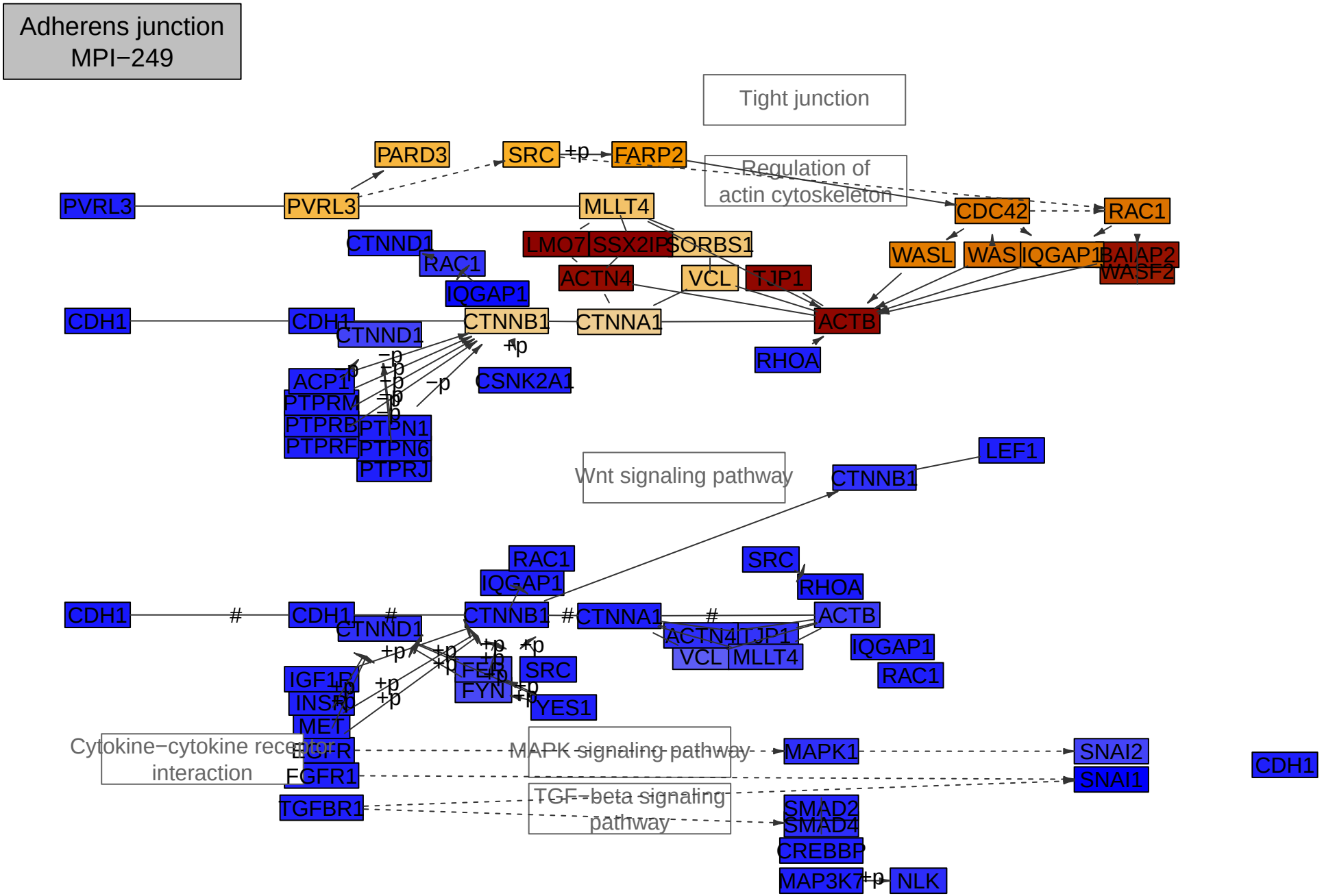

Adherens junction
MPI−225
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−242
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK



Adherens junction
MPI−245
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
LEF1
SRC
RHOA
ACTN4
TJP1
VCL
MLLT4
IGF1R
INSR
MET
FER
FYN
YES1
EGFR
FGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−248
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
RAC1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR
MAPK1
SNAI2
SNAI1
CDH1
EGFR1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−249
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
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TGFBR1
MAPK1
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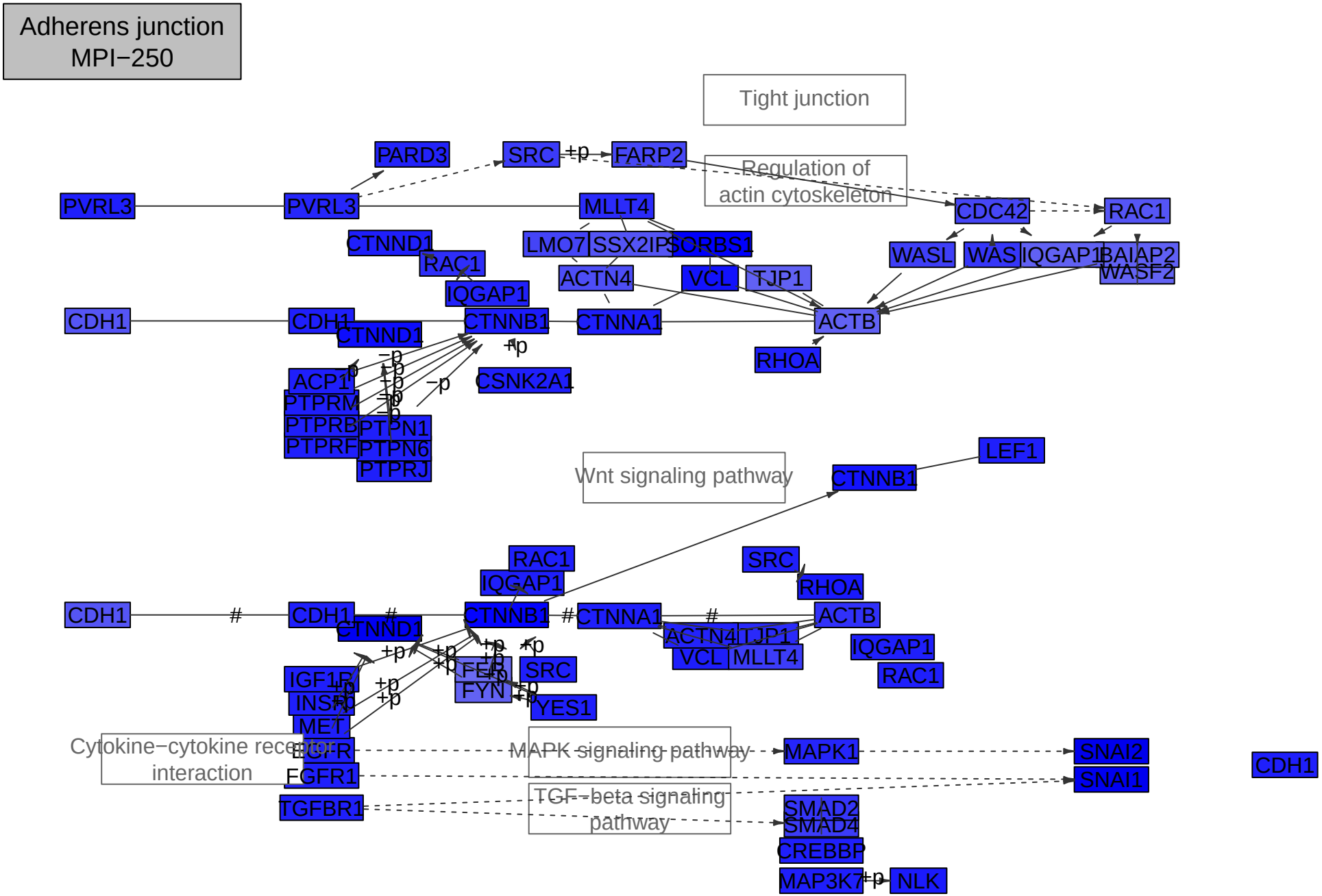
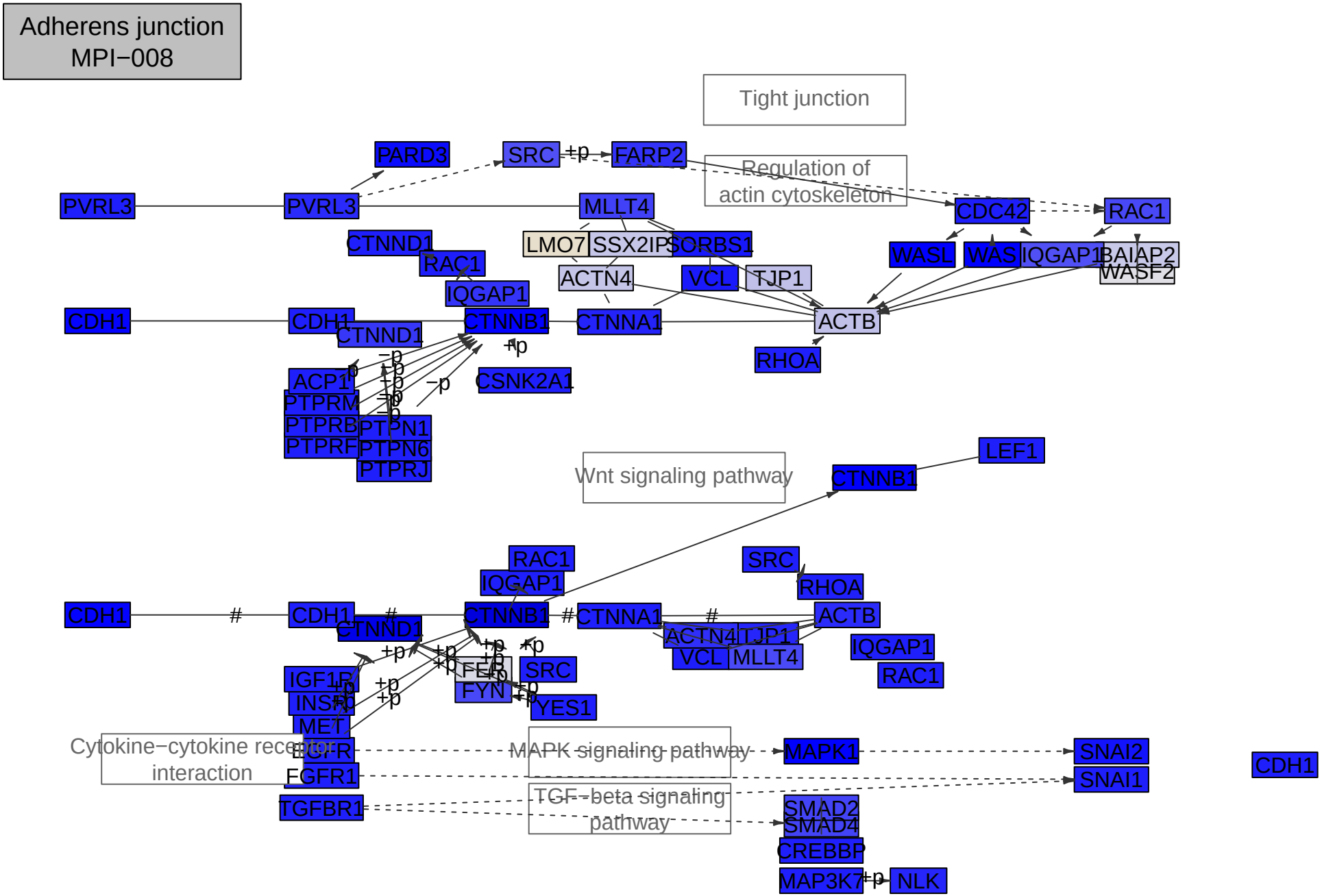
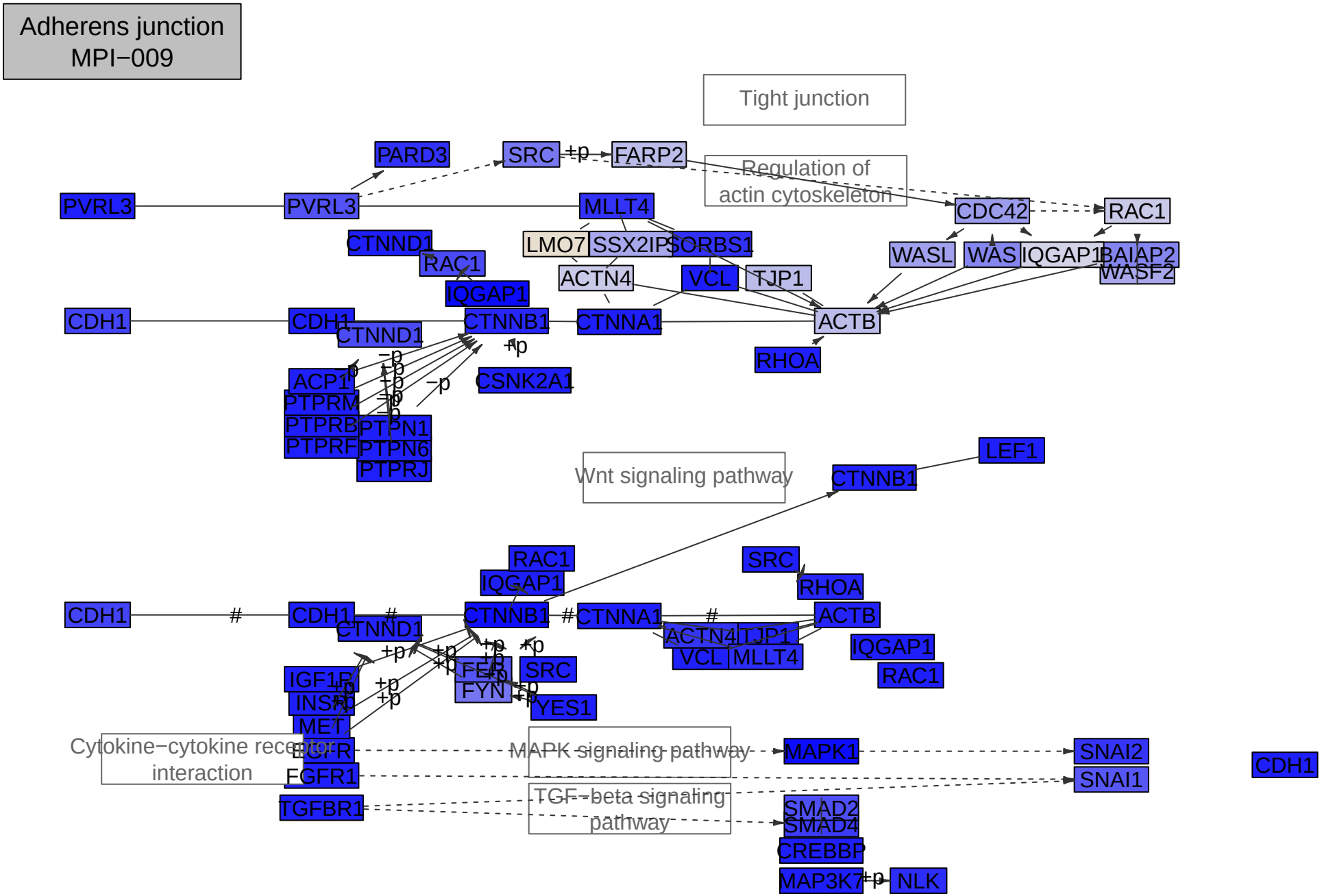
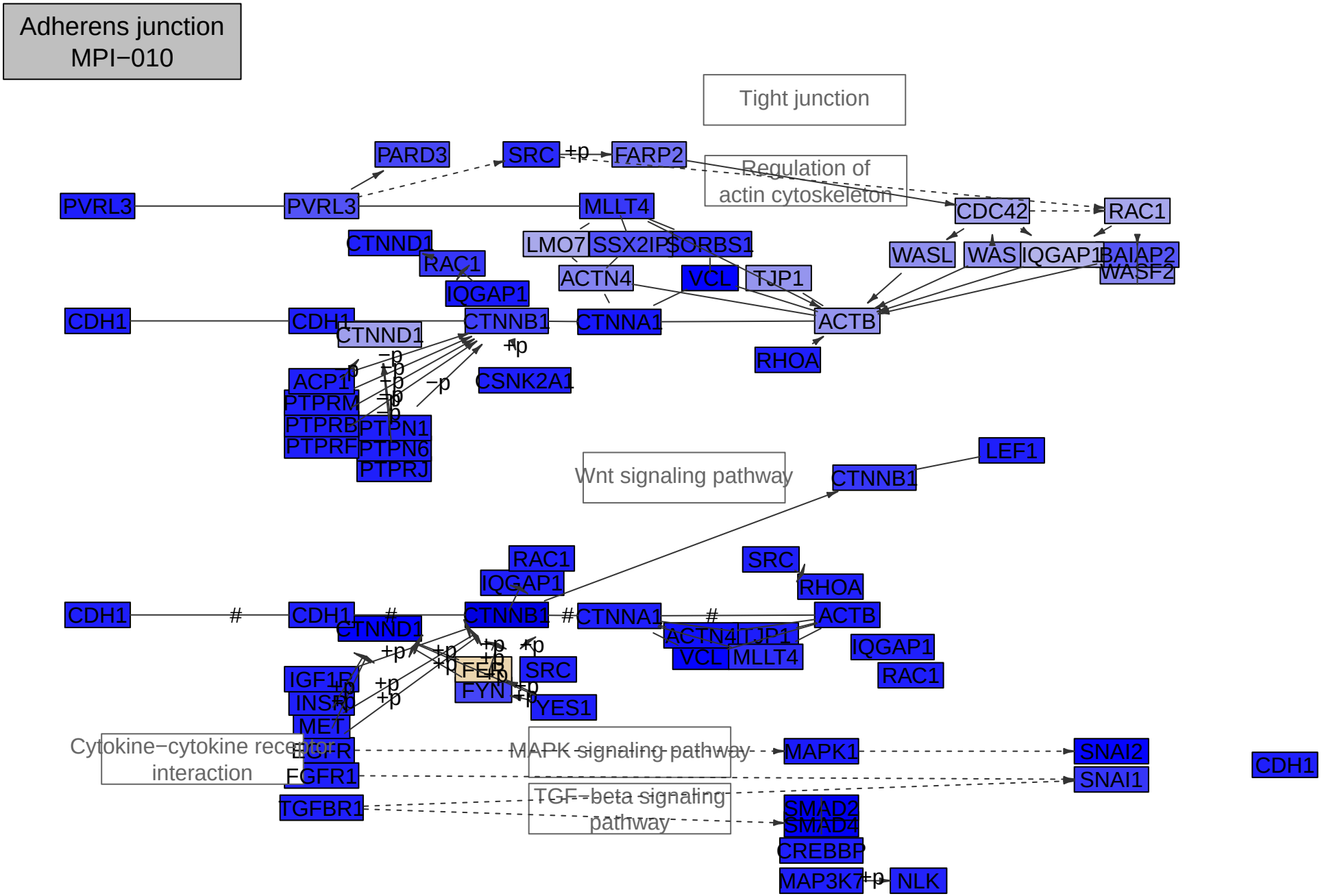
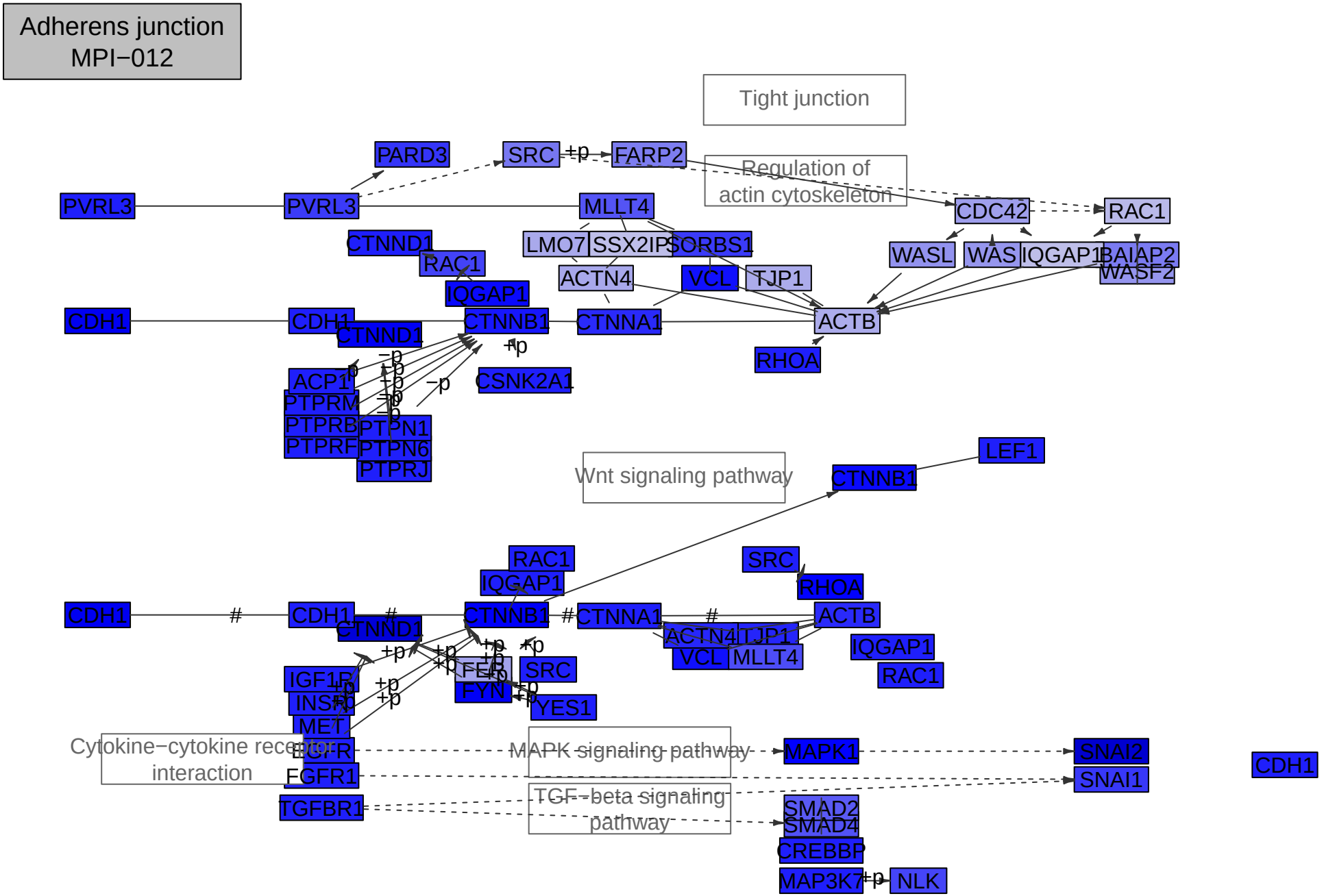
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−250
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−008
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−009
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−010
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−012
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
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MAPK1
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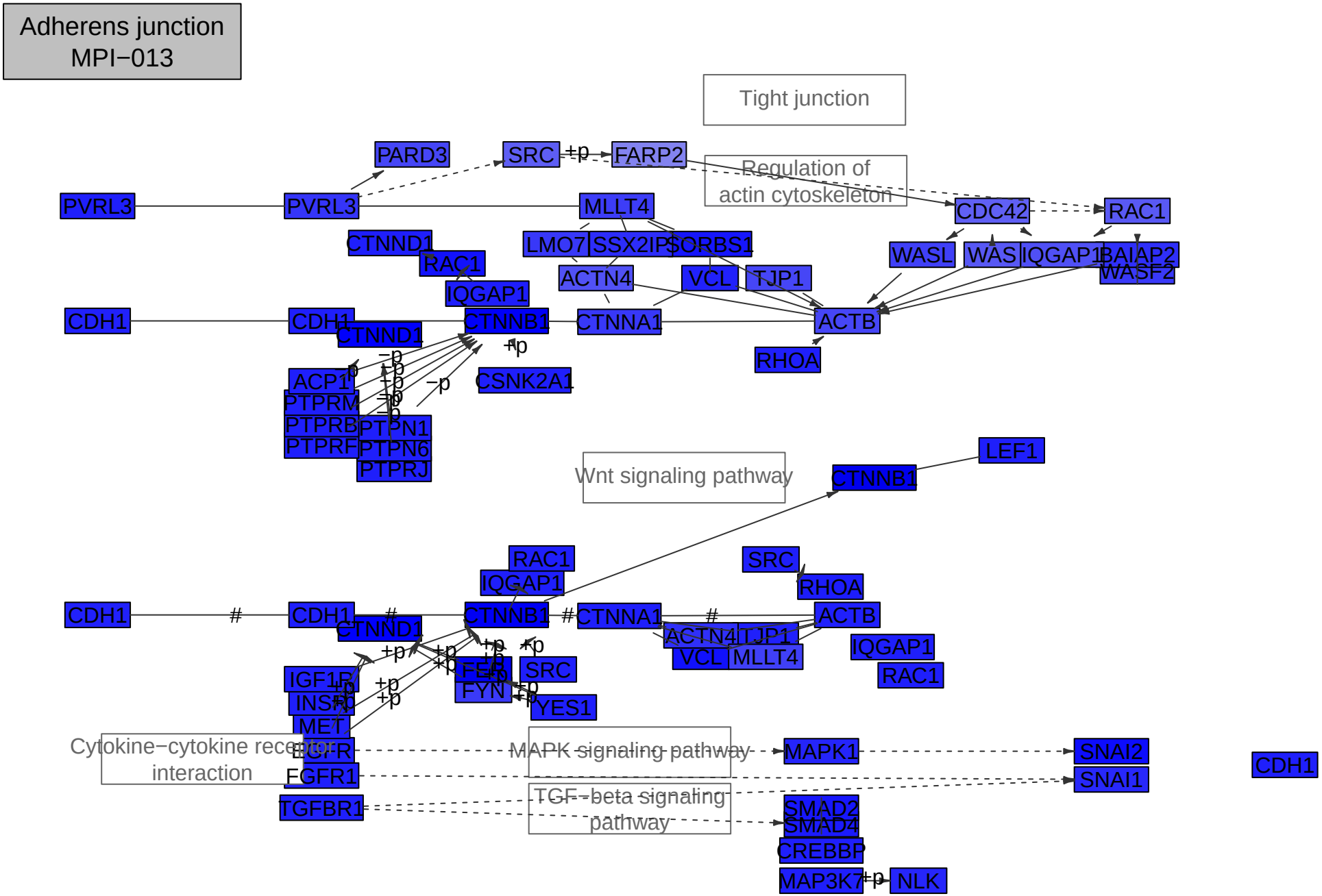
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−013
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
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PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
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MAPK1
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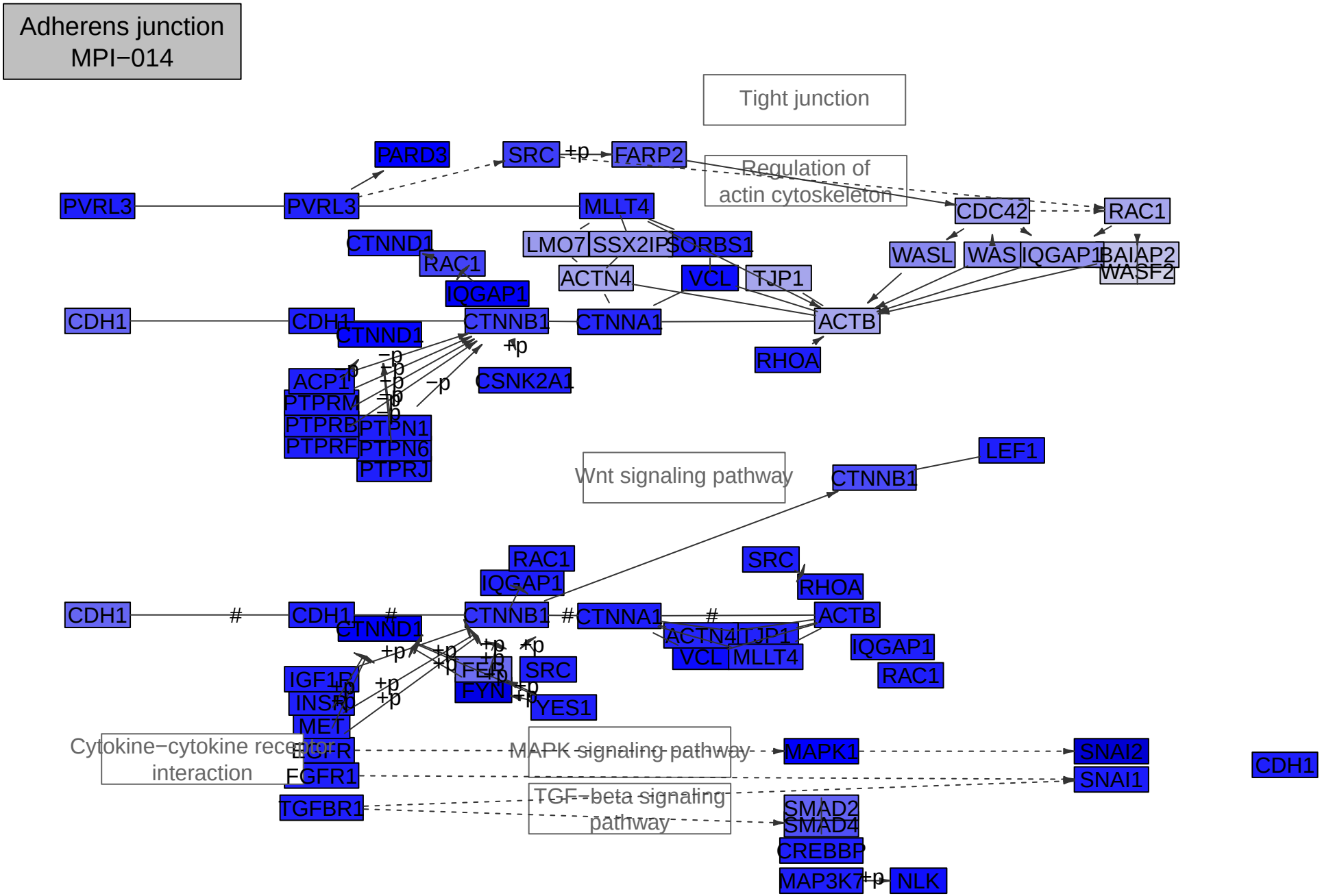
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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MAP3K7
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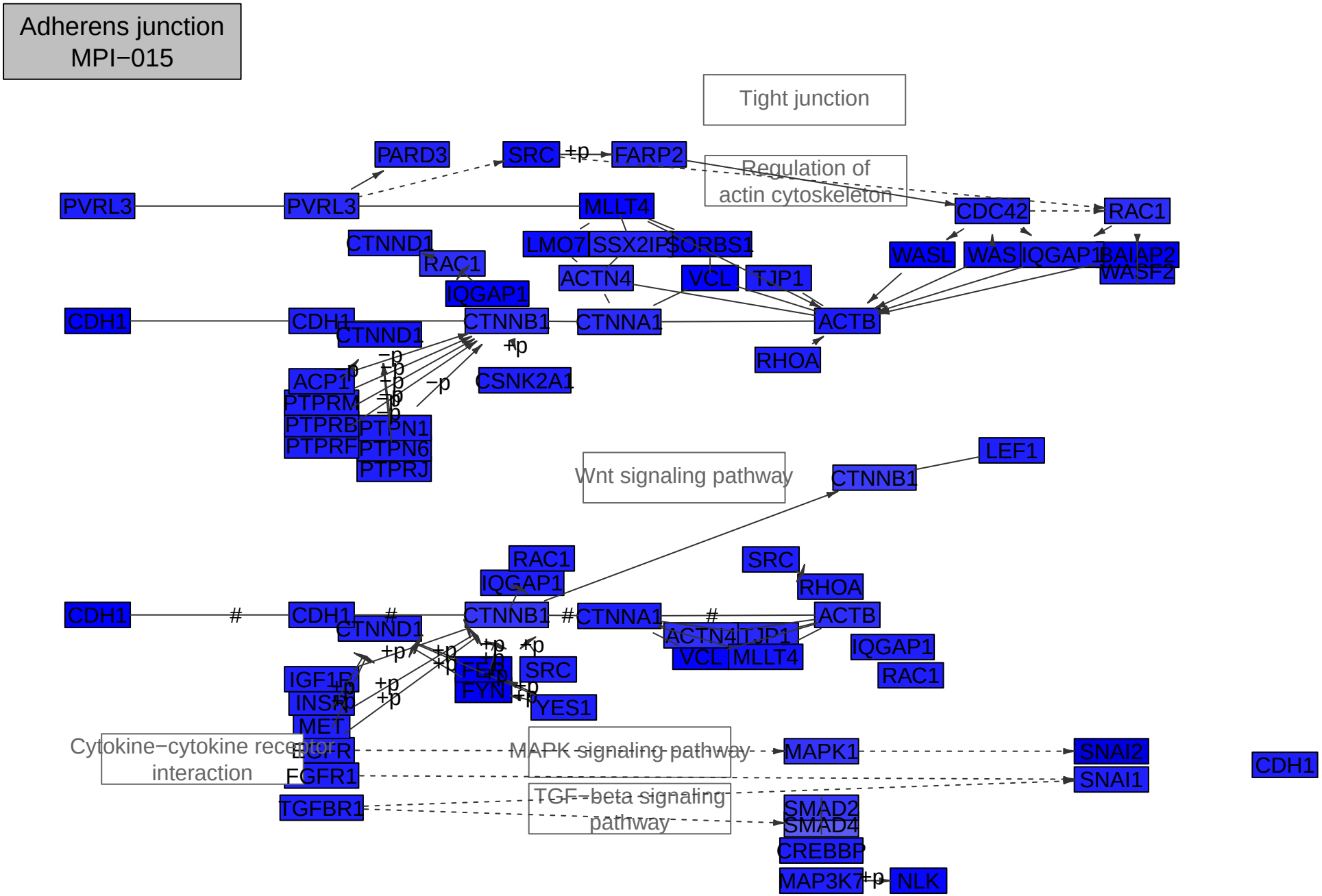
Adherens junction
MPI−015
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
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RHOA
ACP1
CSNK2A1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
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SNAI1
CDH1
SMAD2
SMAD4
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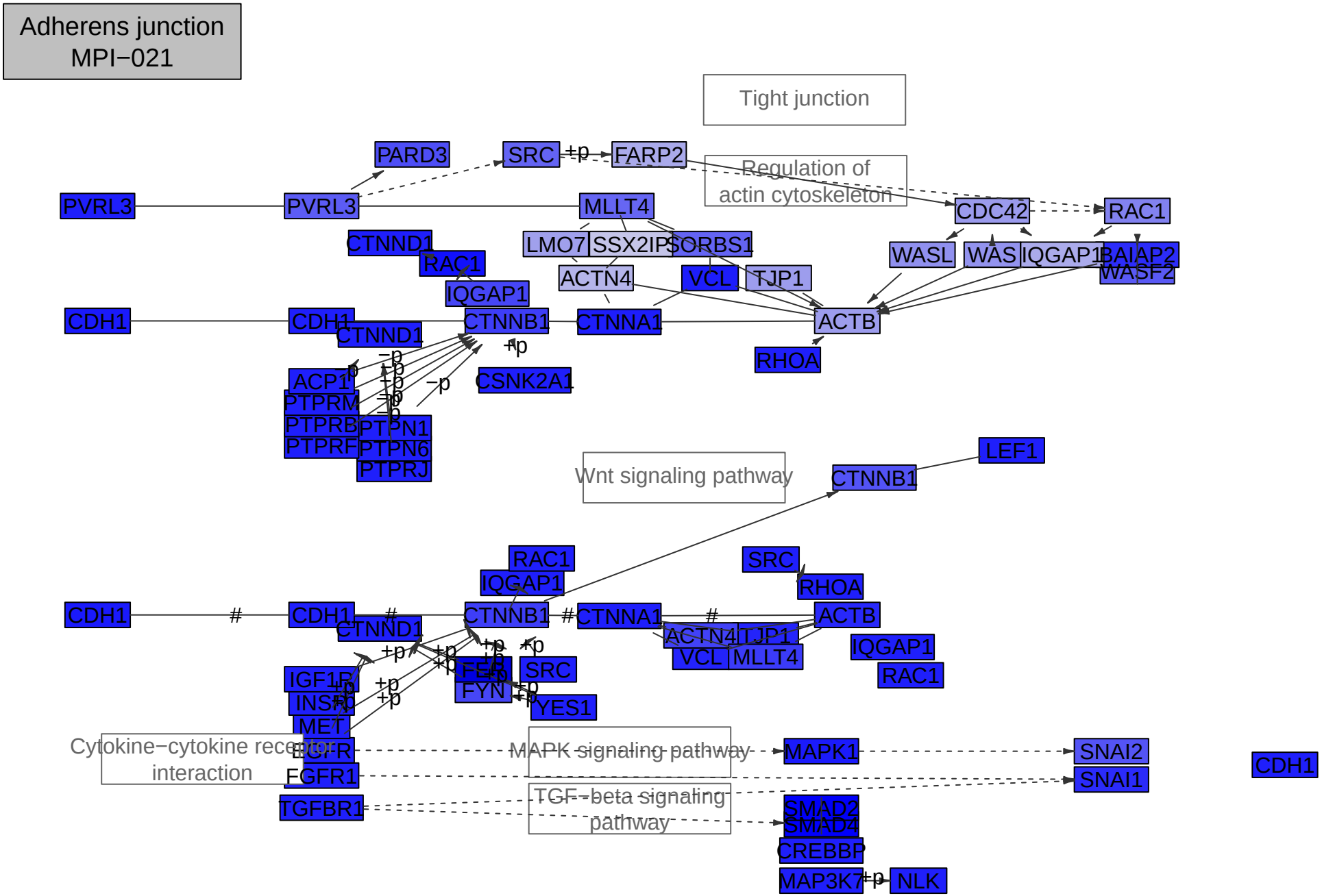
MAP3K7
NLK


Adherens junction
MPI−021
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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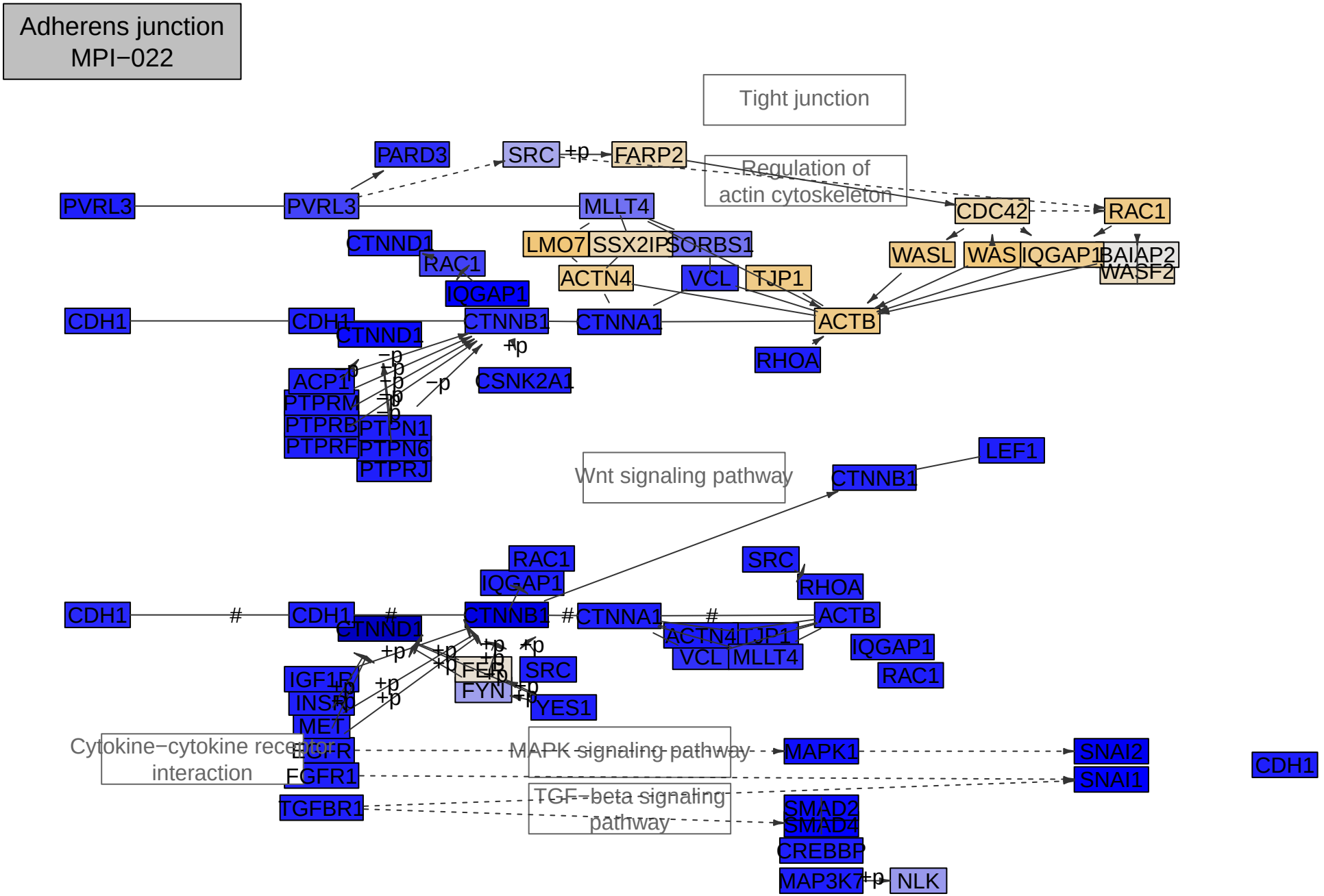
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−022
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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SNAI1
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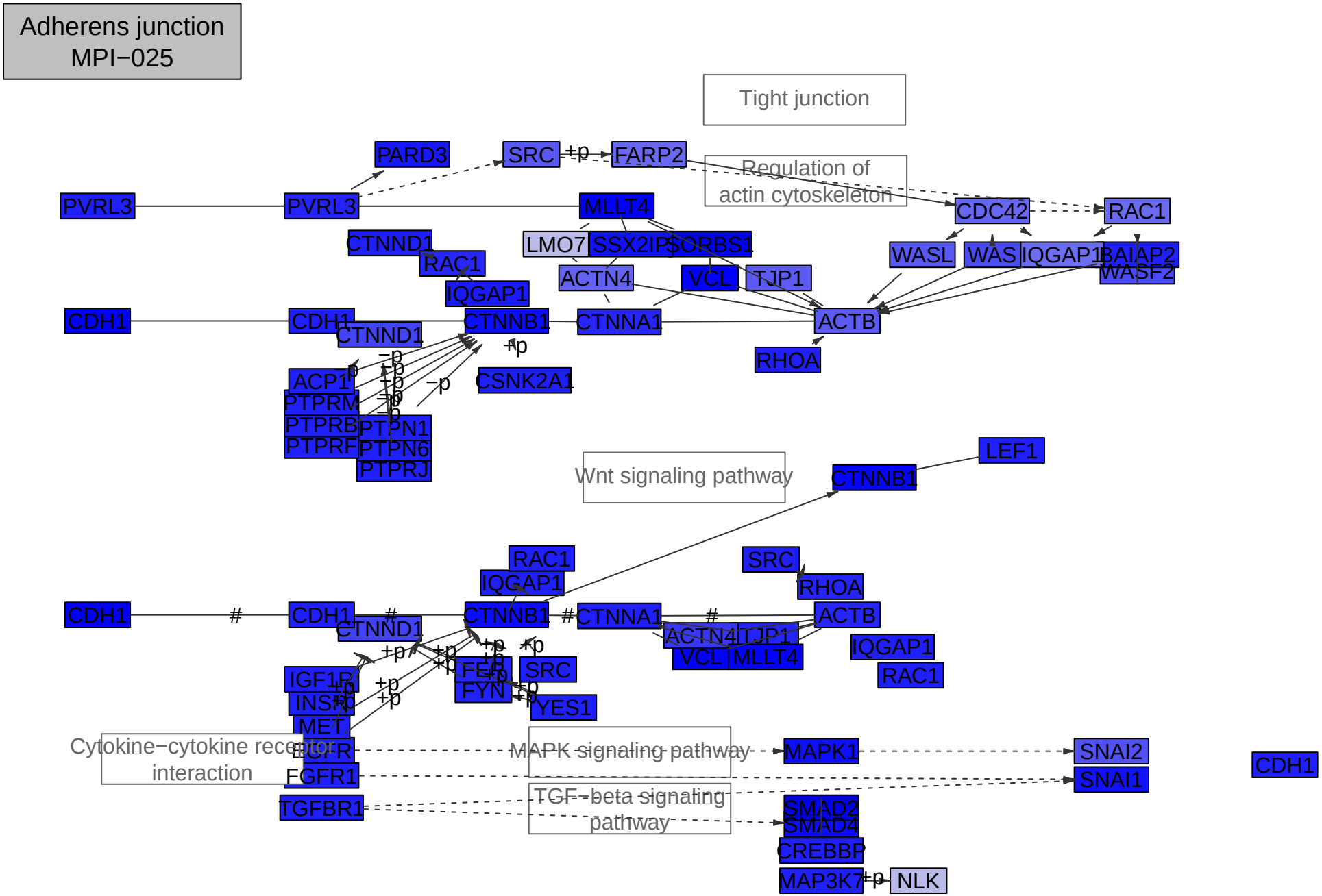
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−025
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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CDH1
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ACTB
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VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
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MAPK1
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MAP3K7
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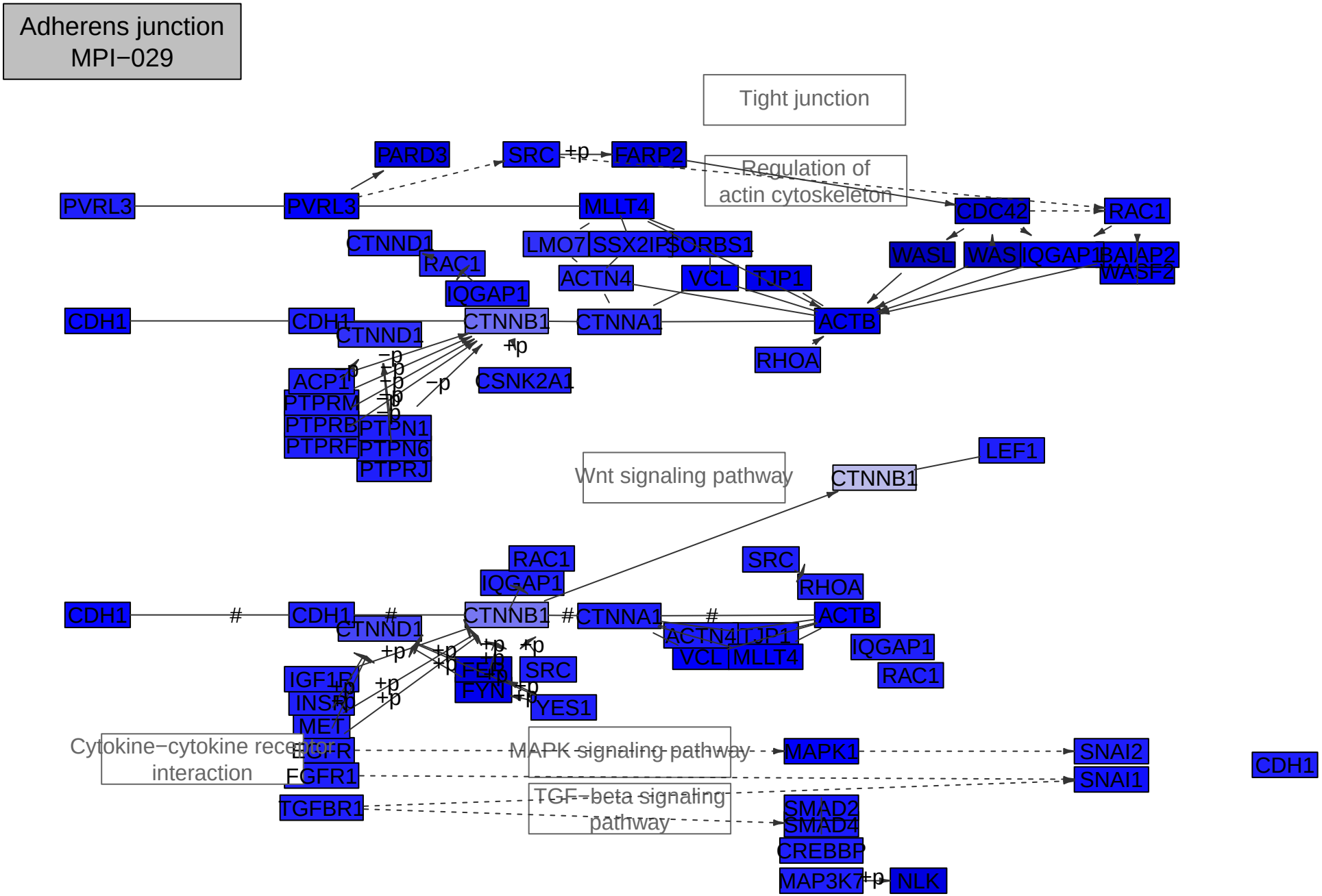
Adherens junction
MPI−029
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
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PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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MAPK1
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SNAI1
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SMAD2
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MAP3K7
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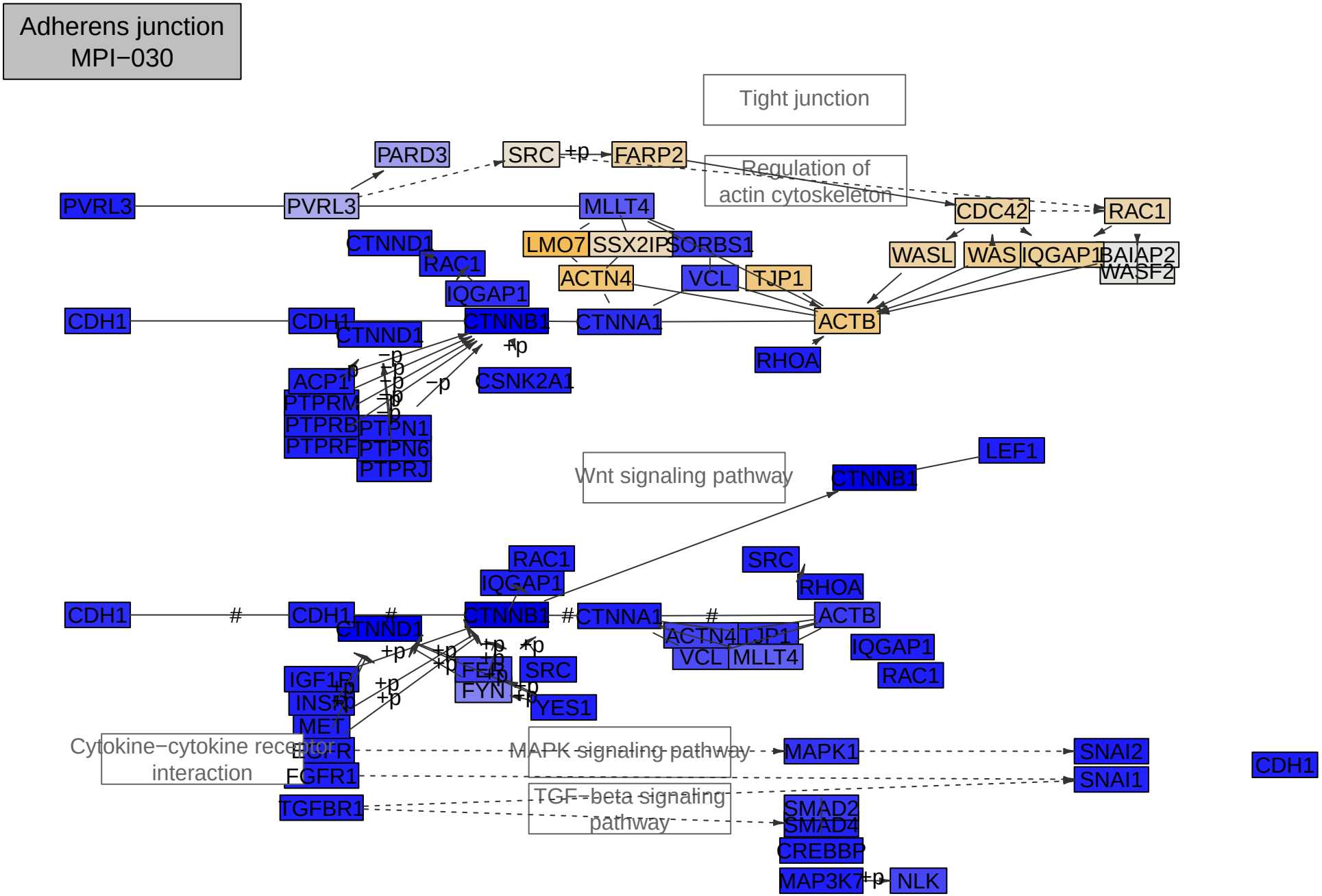
Adherens junction
MPI−030
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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SORBS1
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WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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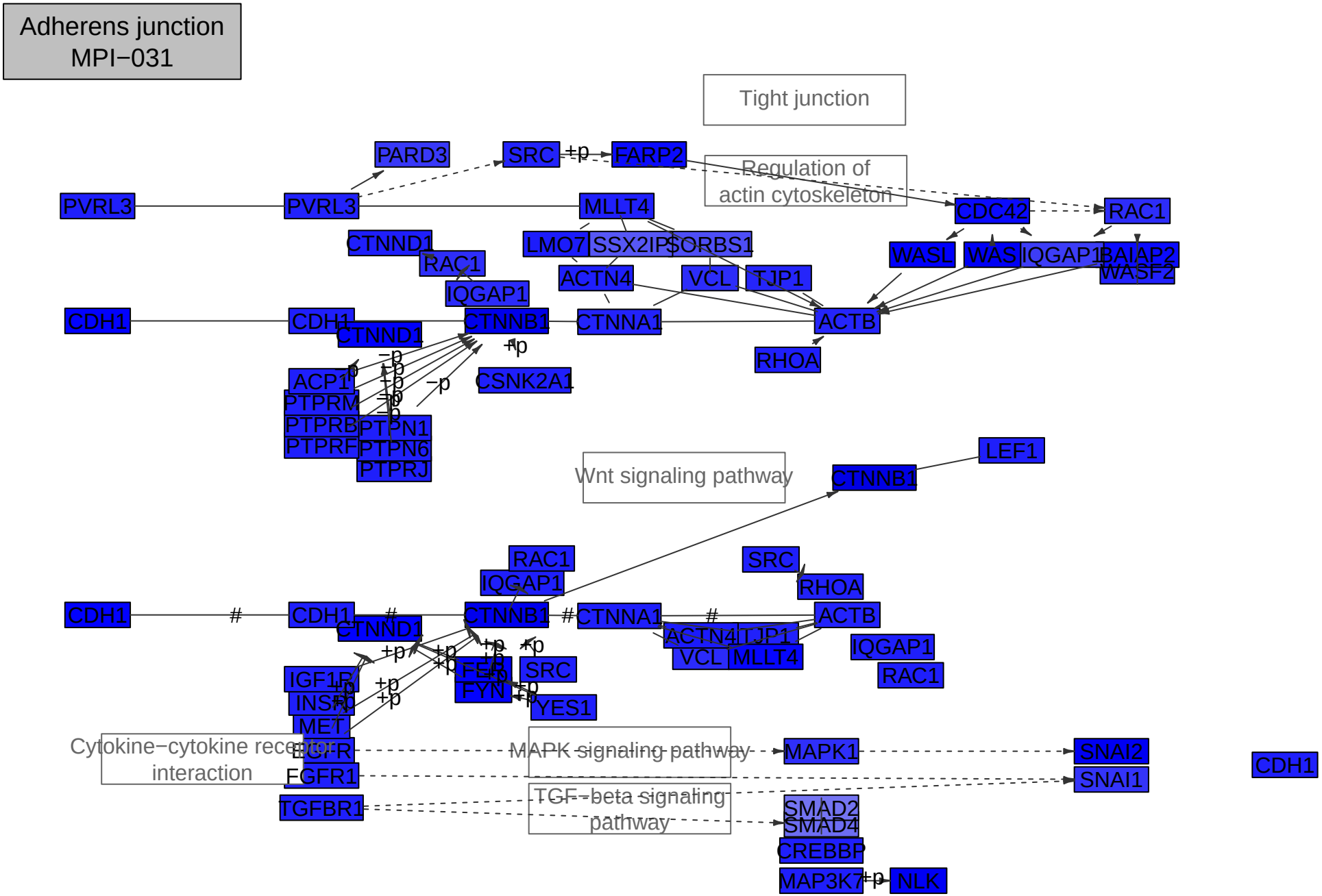
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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SMAD2
SMAD4
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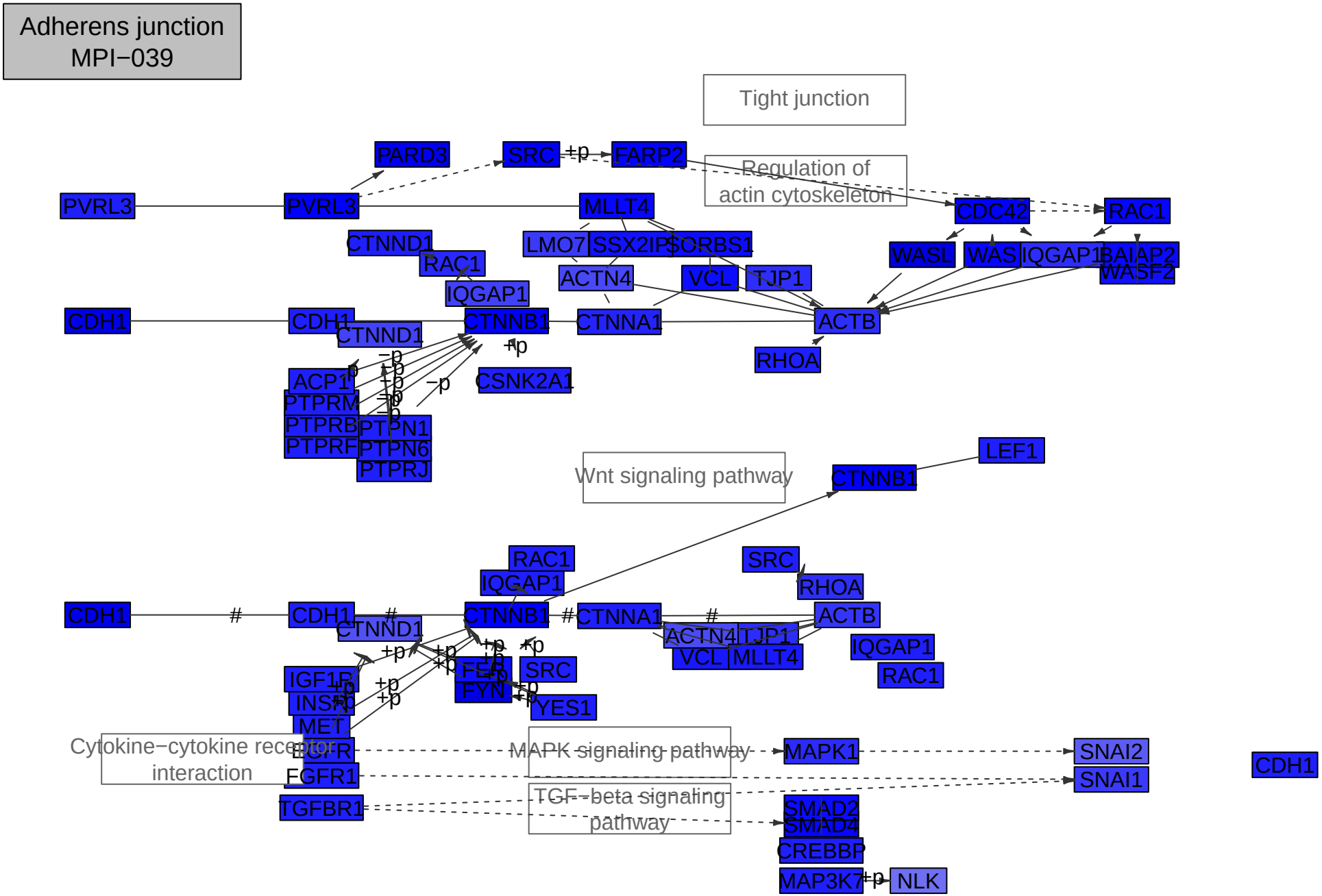
MAP3K7
NLK


Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
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SSX2IP
ORBS1
WASL
WAS
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WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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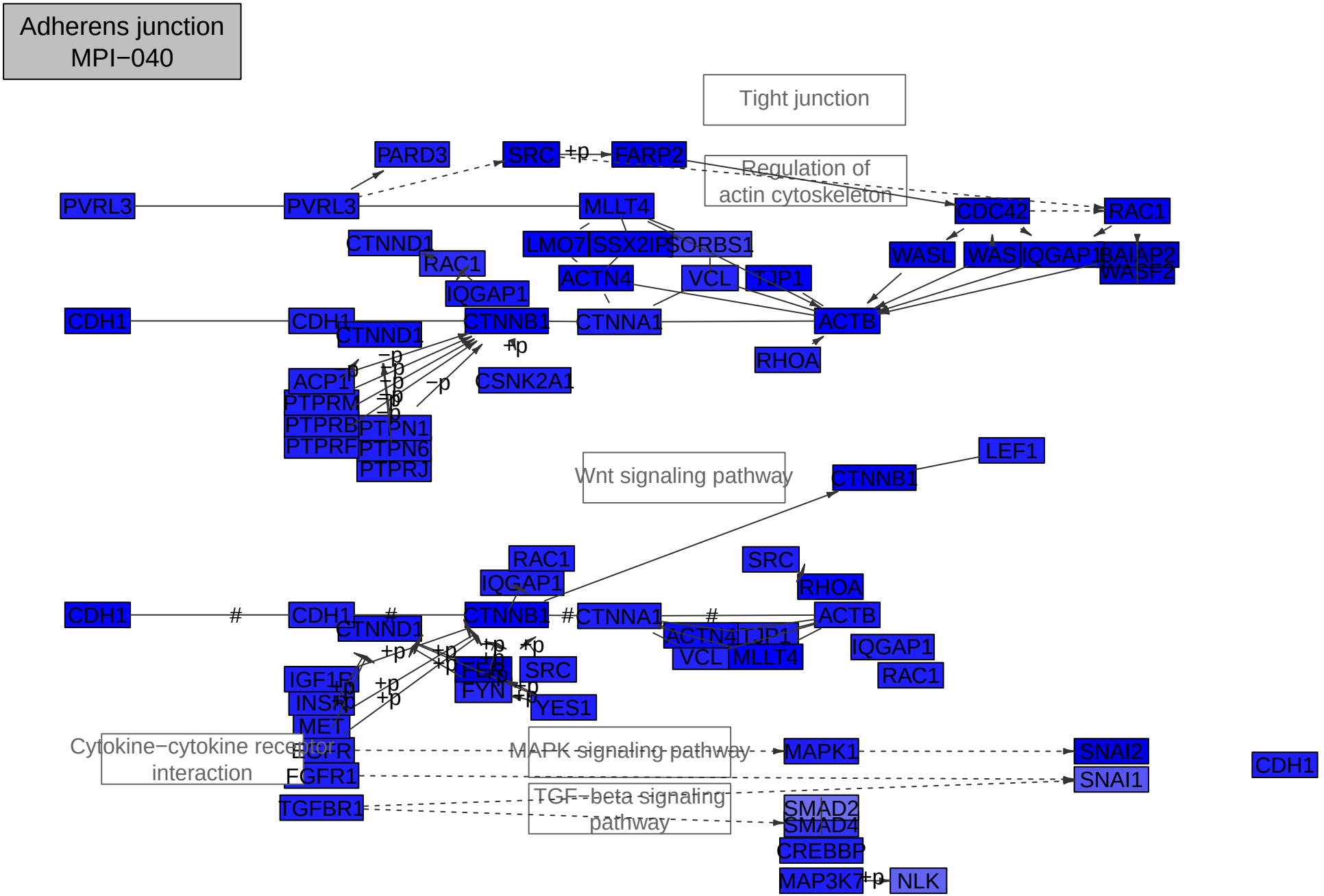
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−040
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
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CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPN1
PTPRF
PTPN6
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CSNK2A1
LEF1
IGF1R
INSR
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SNAI1
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SMAD2
SMAD4
CREBBP
MAP3K7
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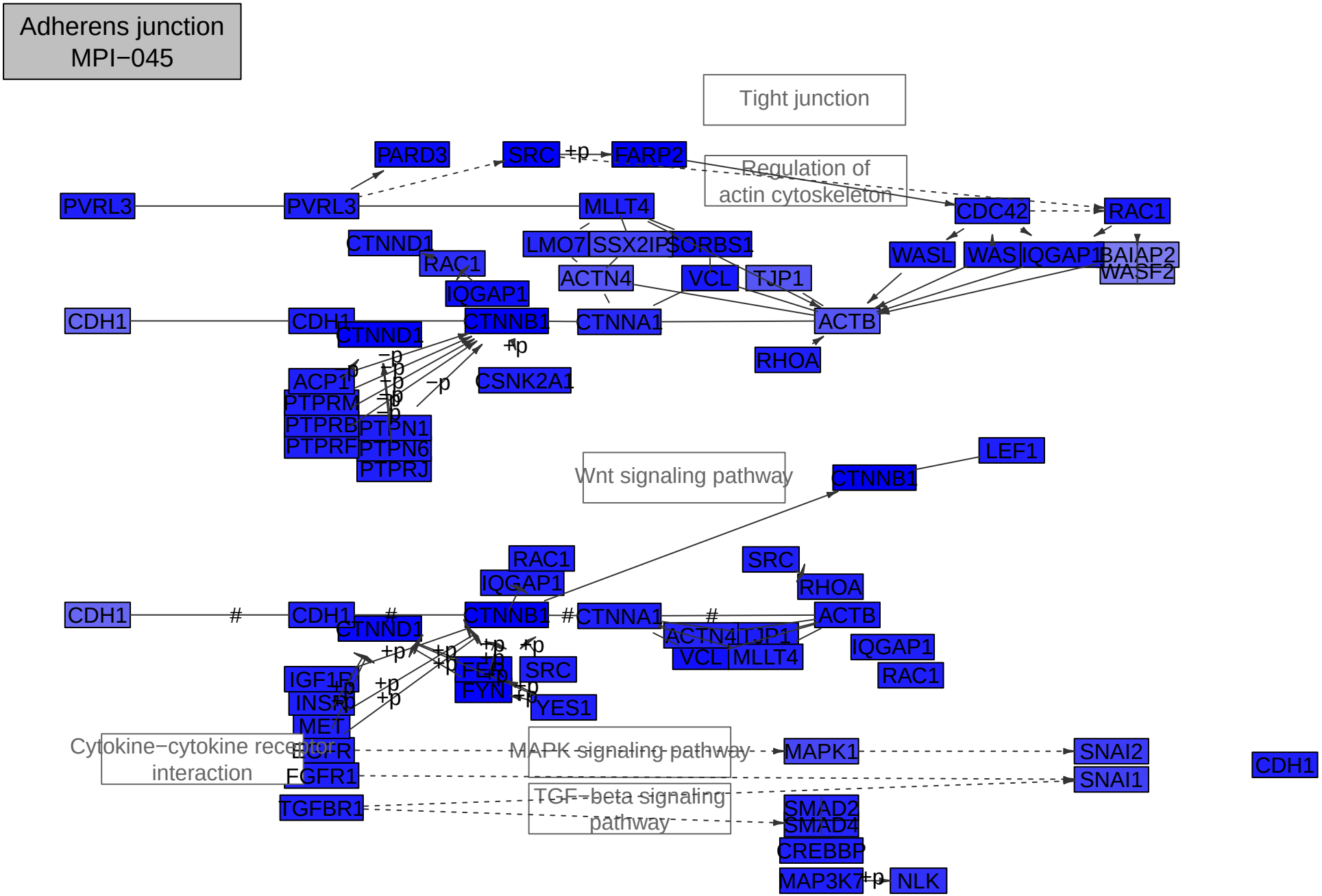
Adherens junction
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Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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LMO7
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ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
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LEF1
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SMAD2
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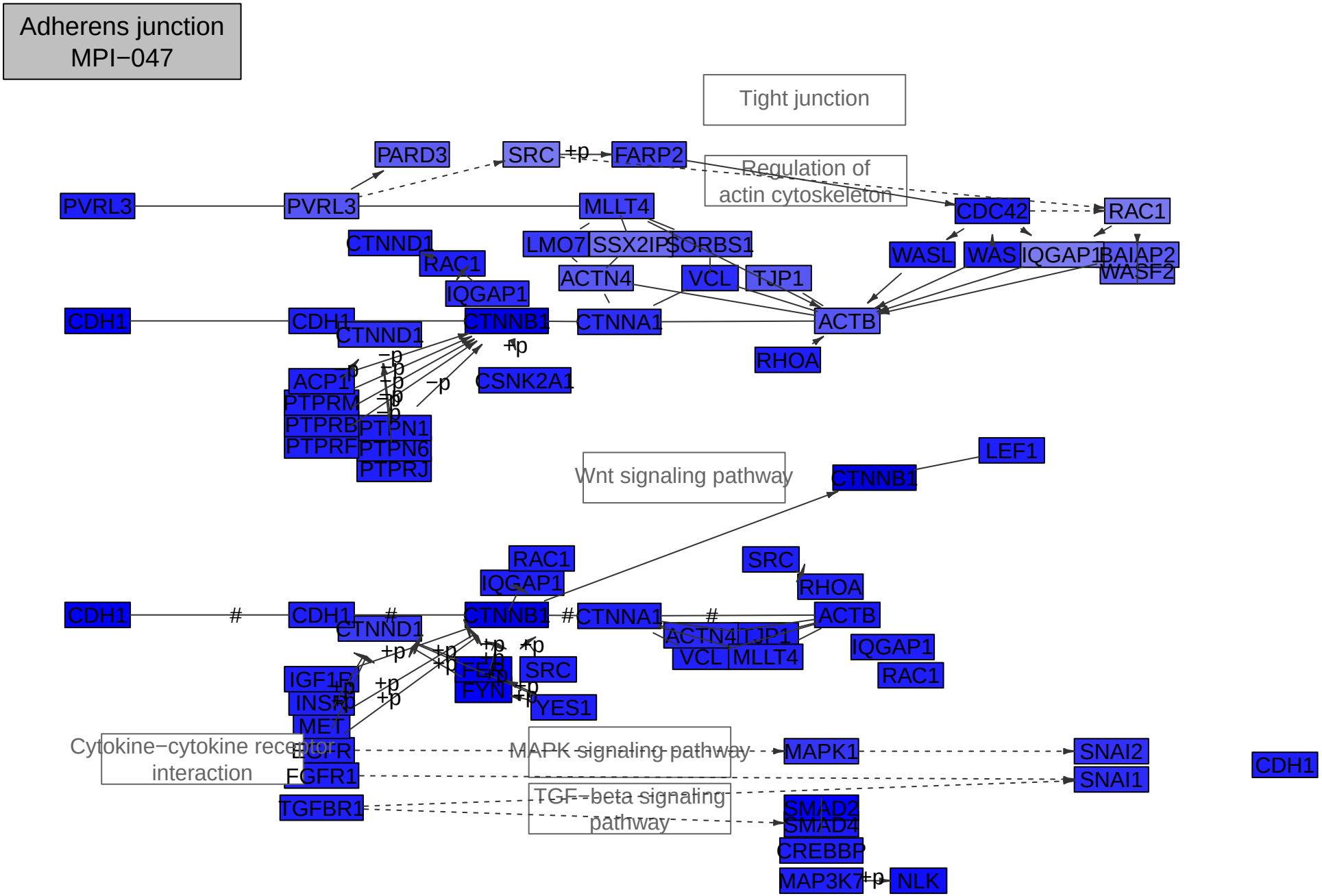
Adherens junction
MPI−047
Tight junction
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actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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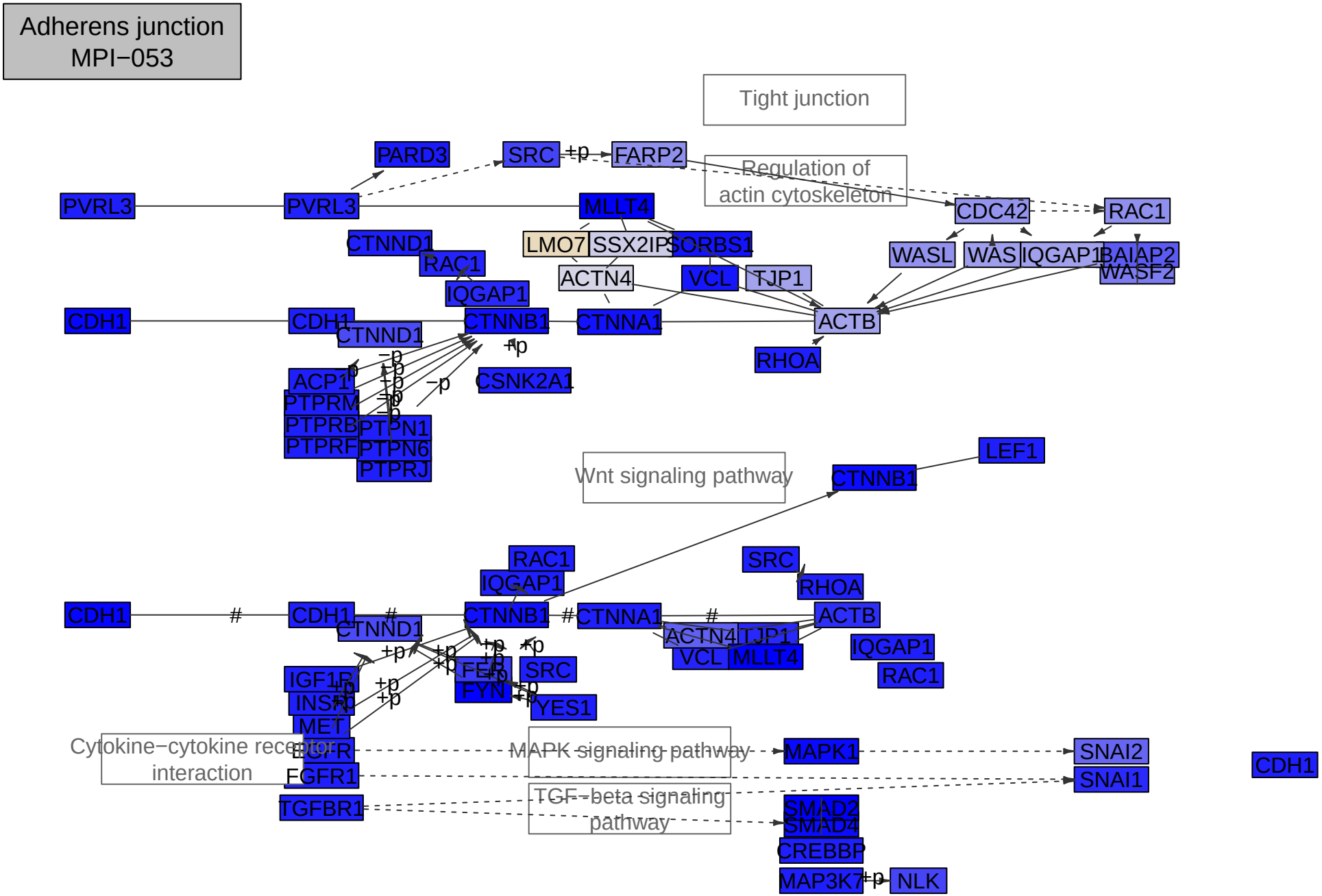
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−053
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
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IQGAP1
BAIAP2
WASF2
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CDH1
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ACTB
CTNND1
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ACP1
CSNK2A1
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PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
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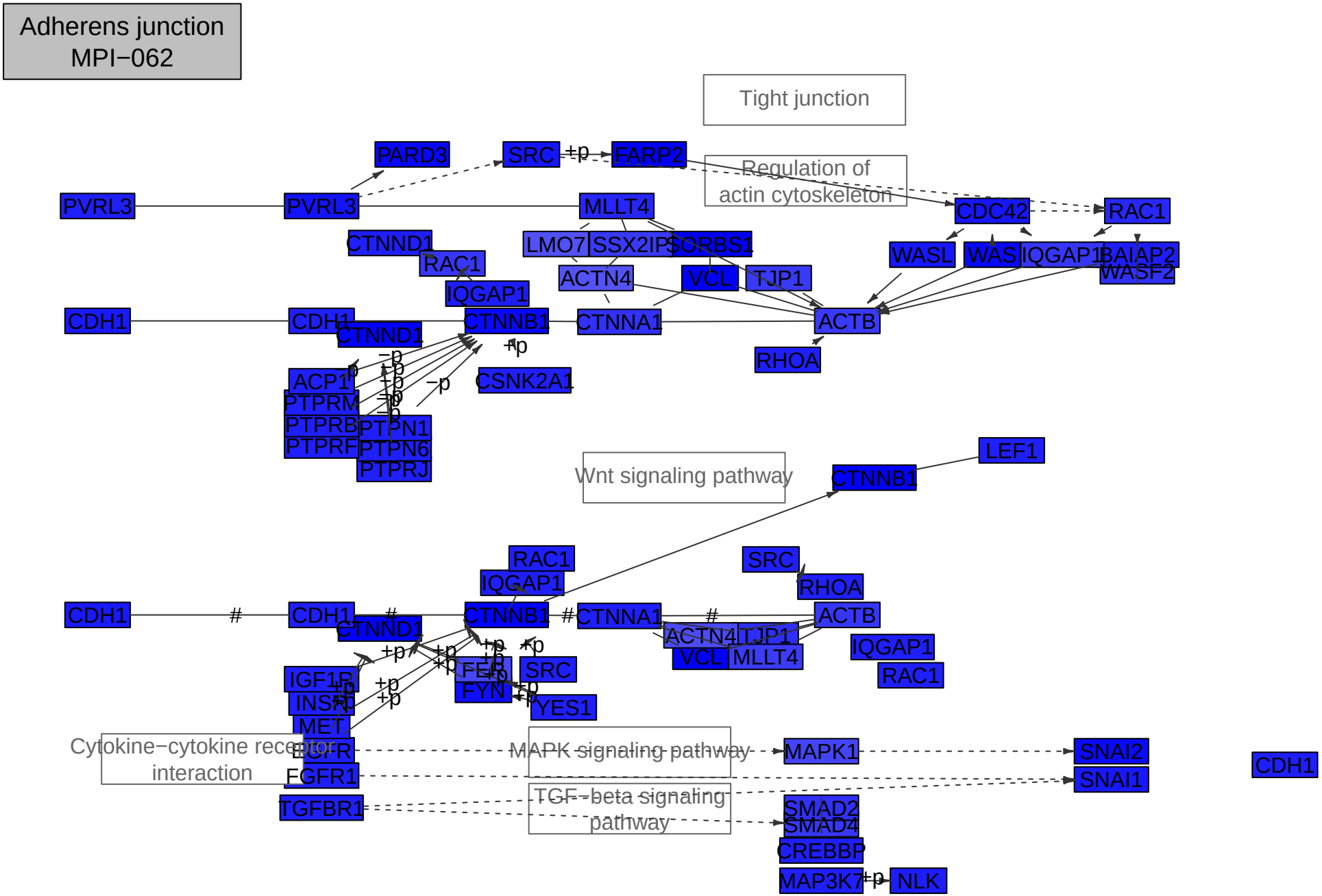
Adherens junction
MPI−062
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
SRC
RHOA
IGF1R
INSR
MET
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SNAI1
TGFBR1
SMAD2
SMAD4
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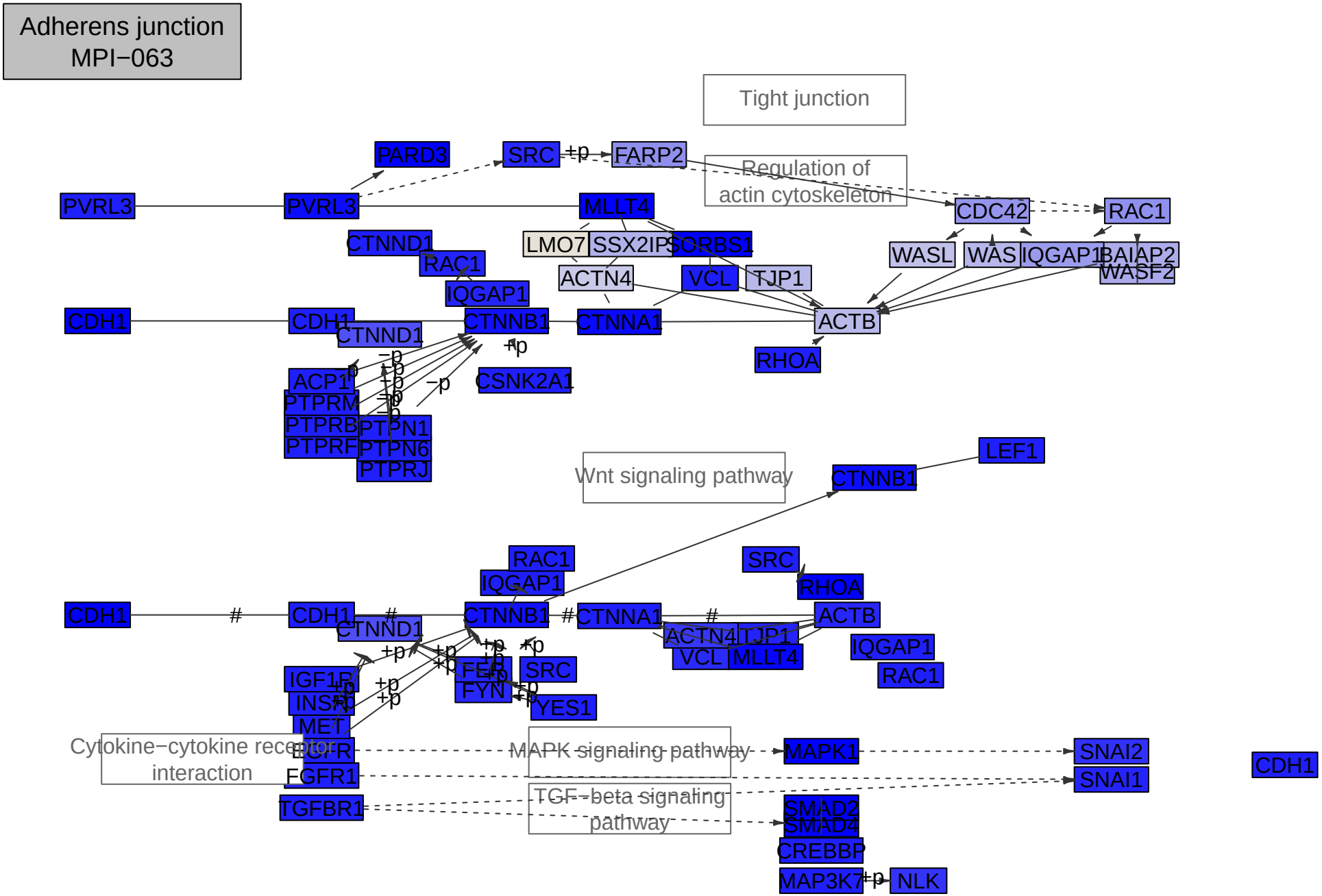
NLK


Adherens junction
MPI−063
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
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CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
WASL
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WASF2
ACTN4
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TJP1
CDH1
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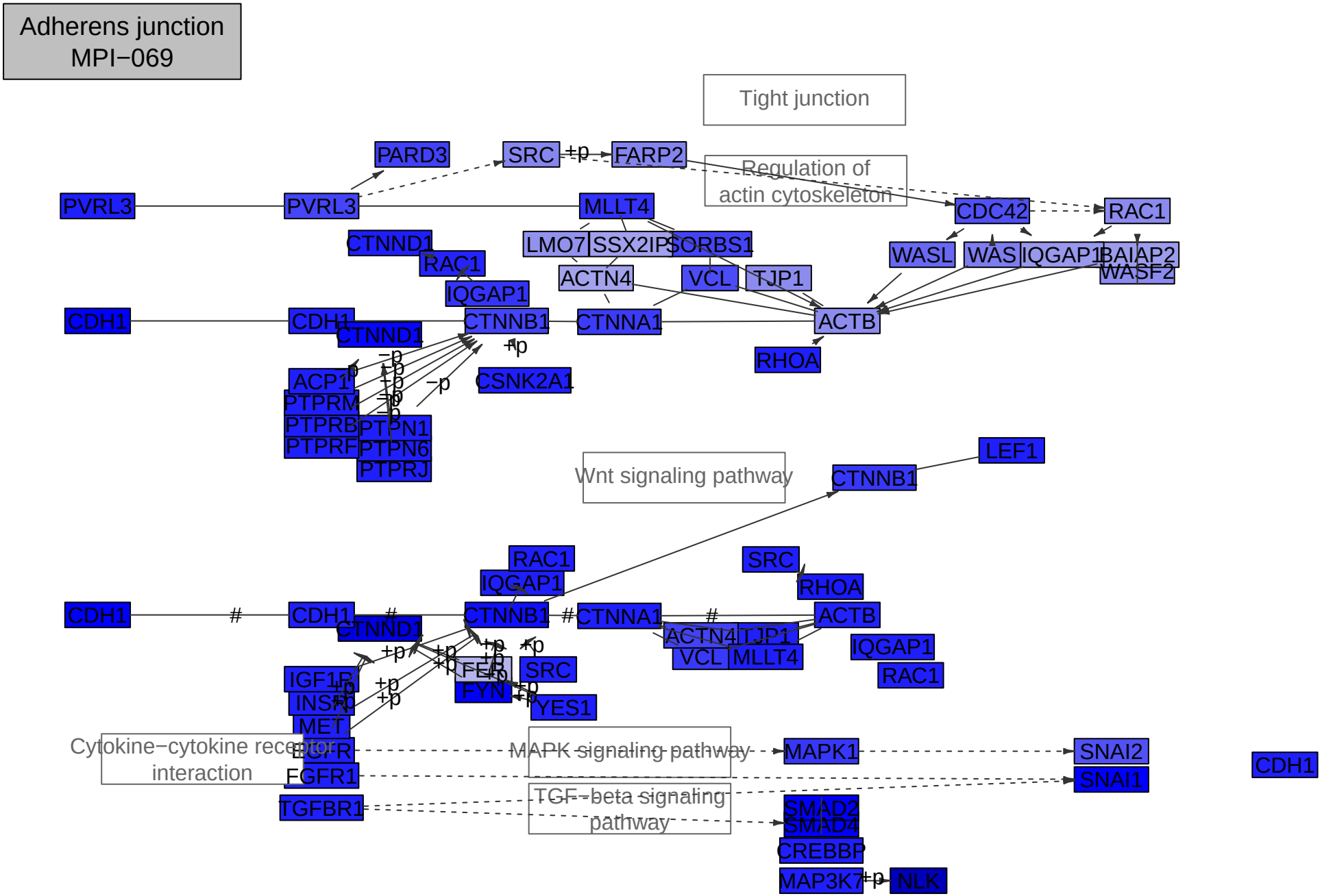
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−069
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
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MAPK1
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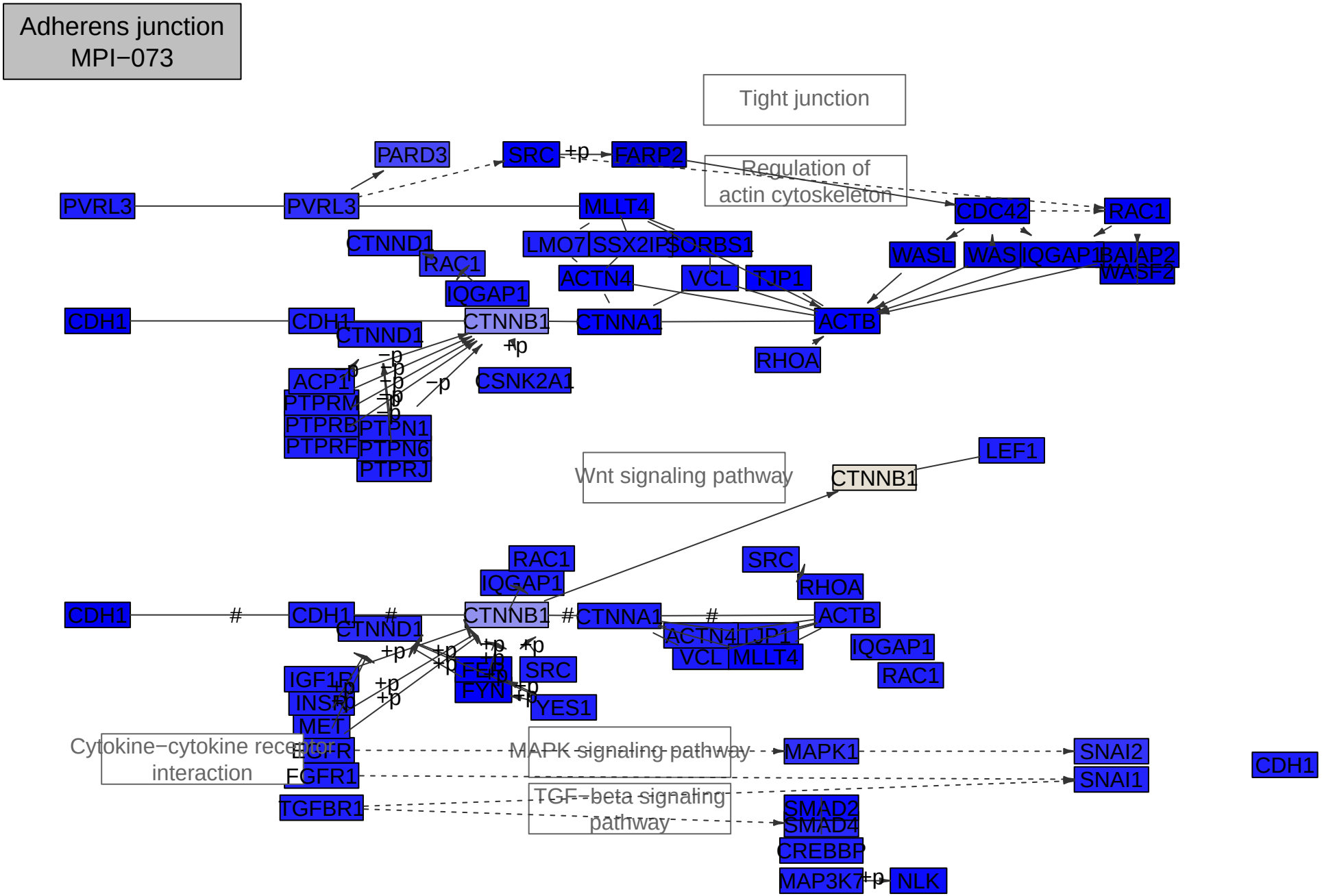
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−073
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
EGFR
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MAPK1
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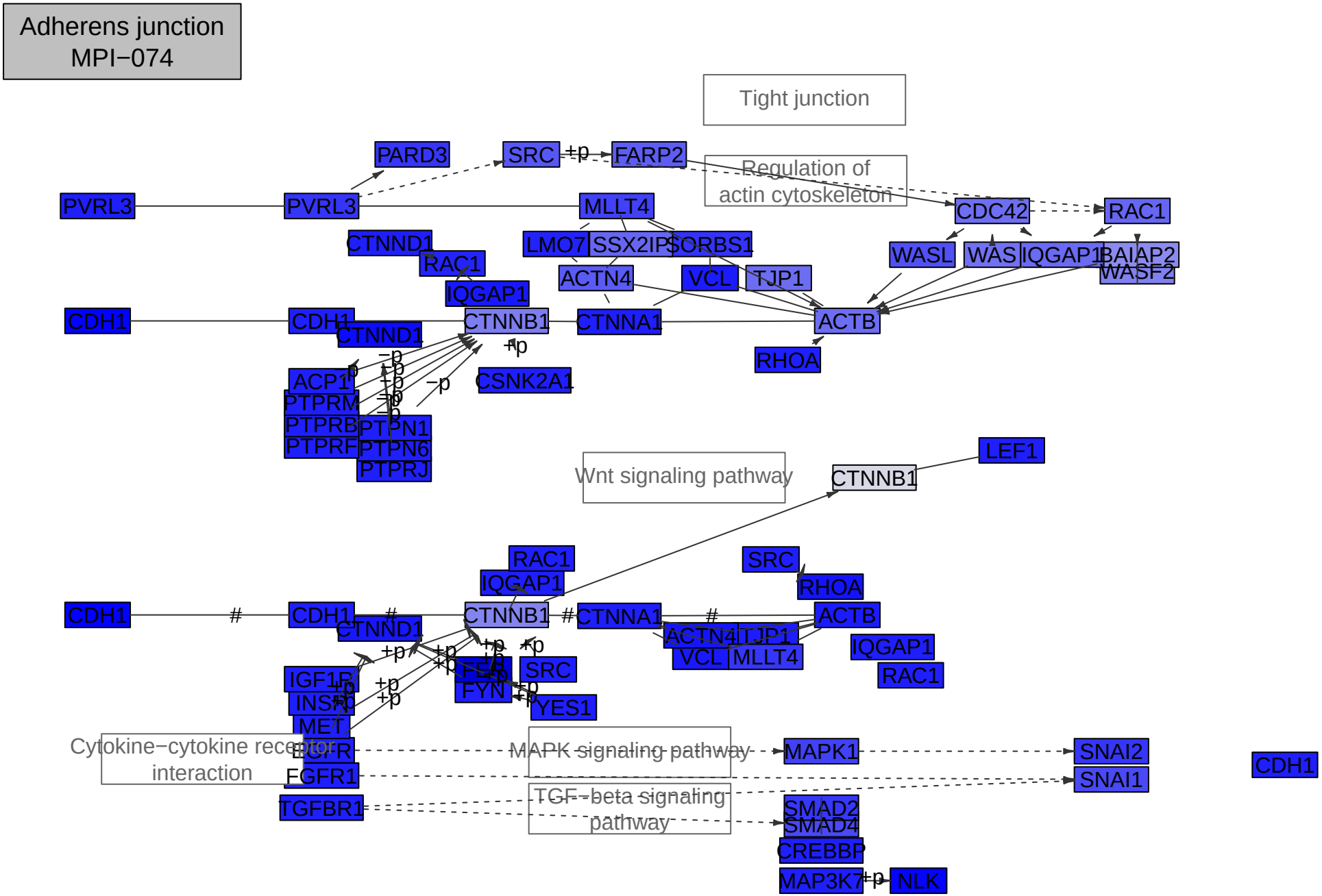
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−074
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
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MAPK1
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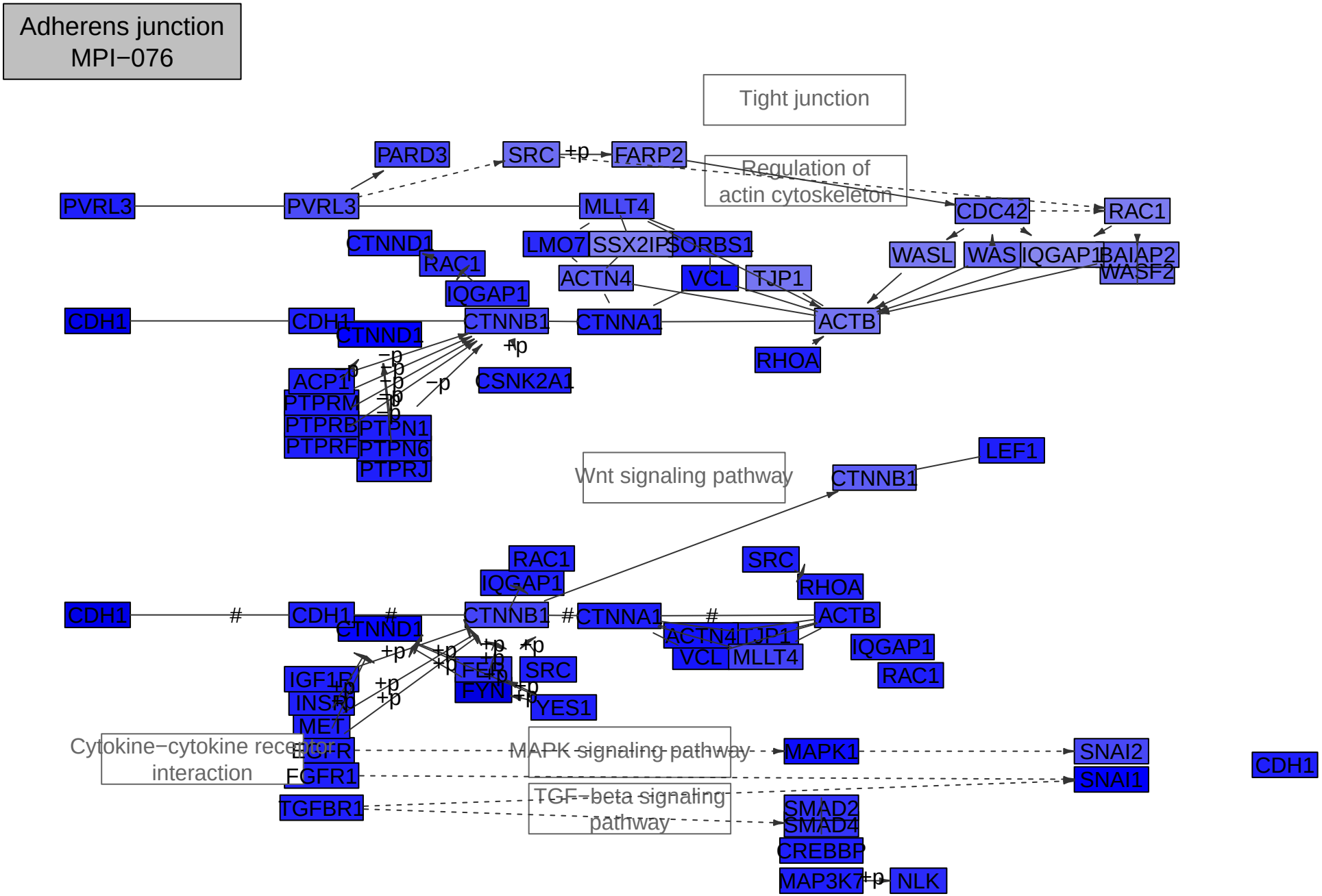
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−076
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
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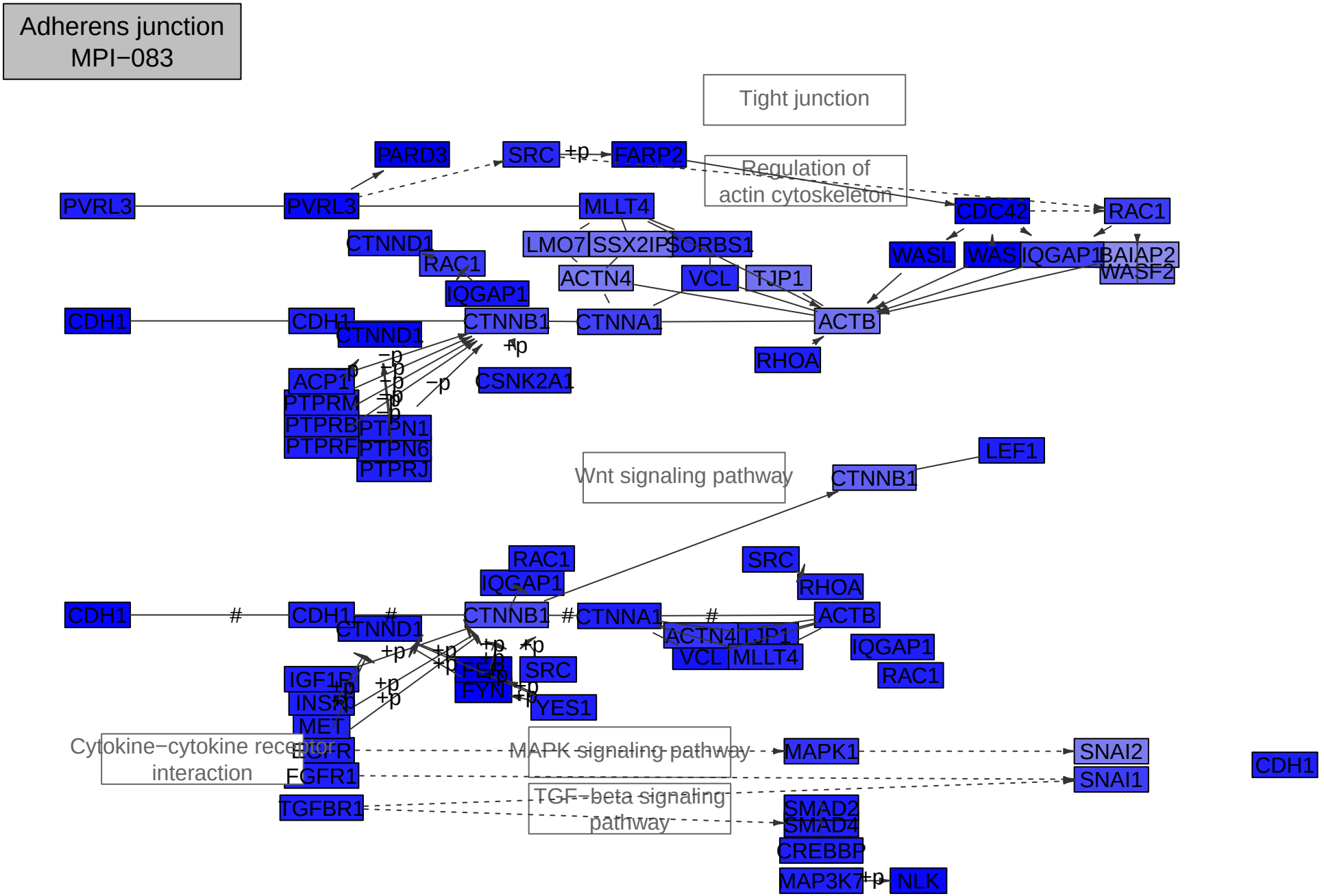
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−083
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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MAPK1
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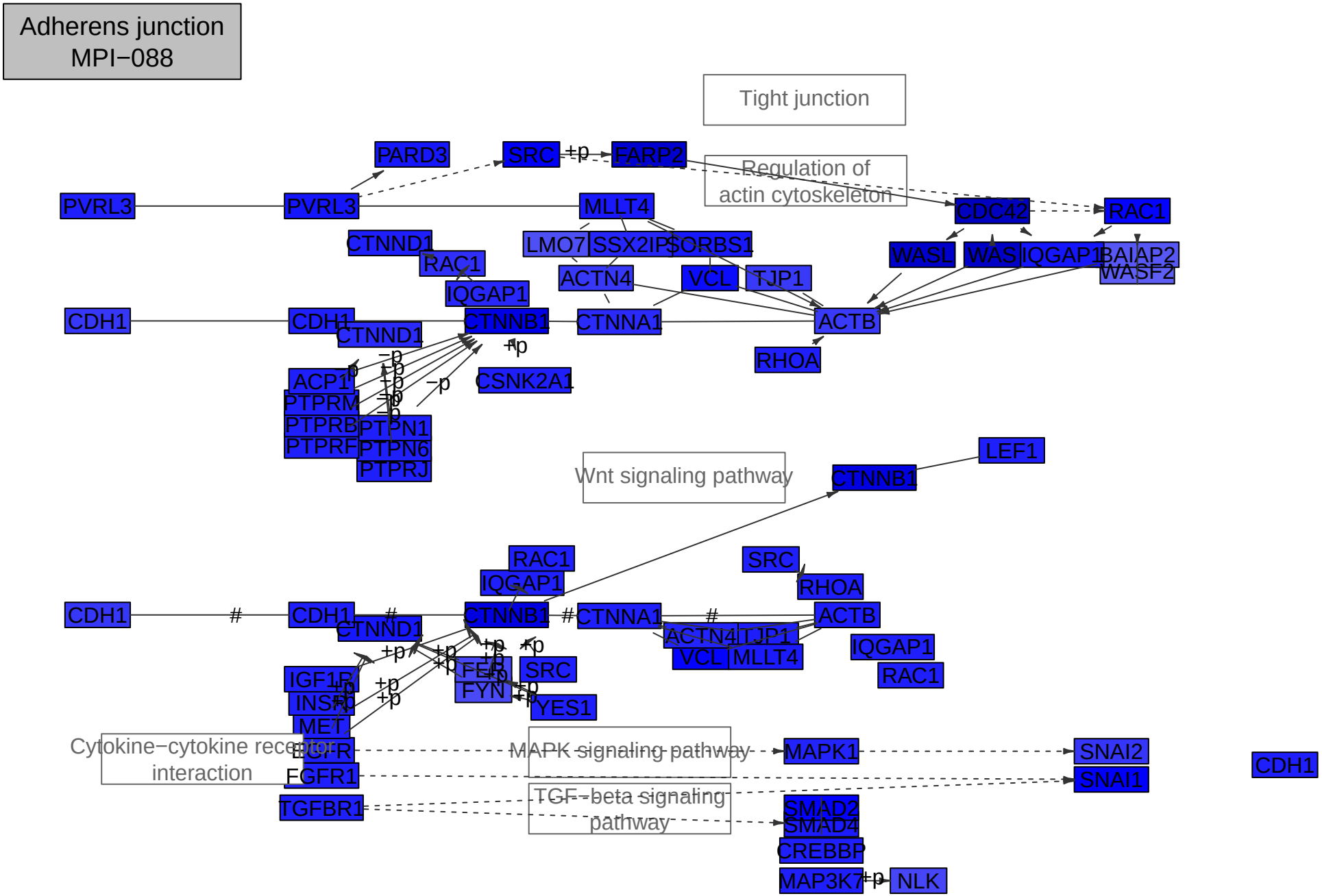
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−088
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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CTNND1
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IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
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MAPK1
SNAI2
SNAI1
CDH1
SMAD2
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MAP3K7
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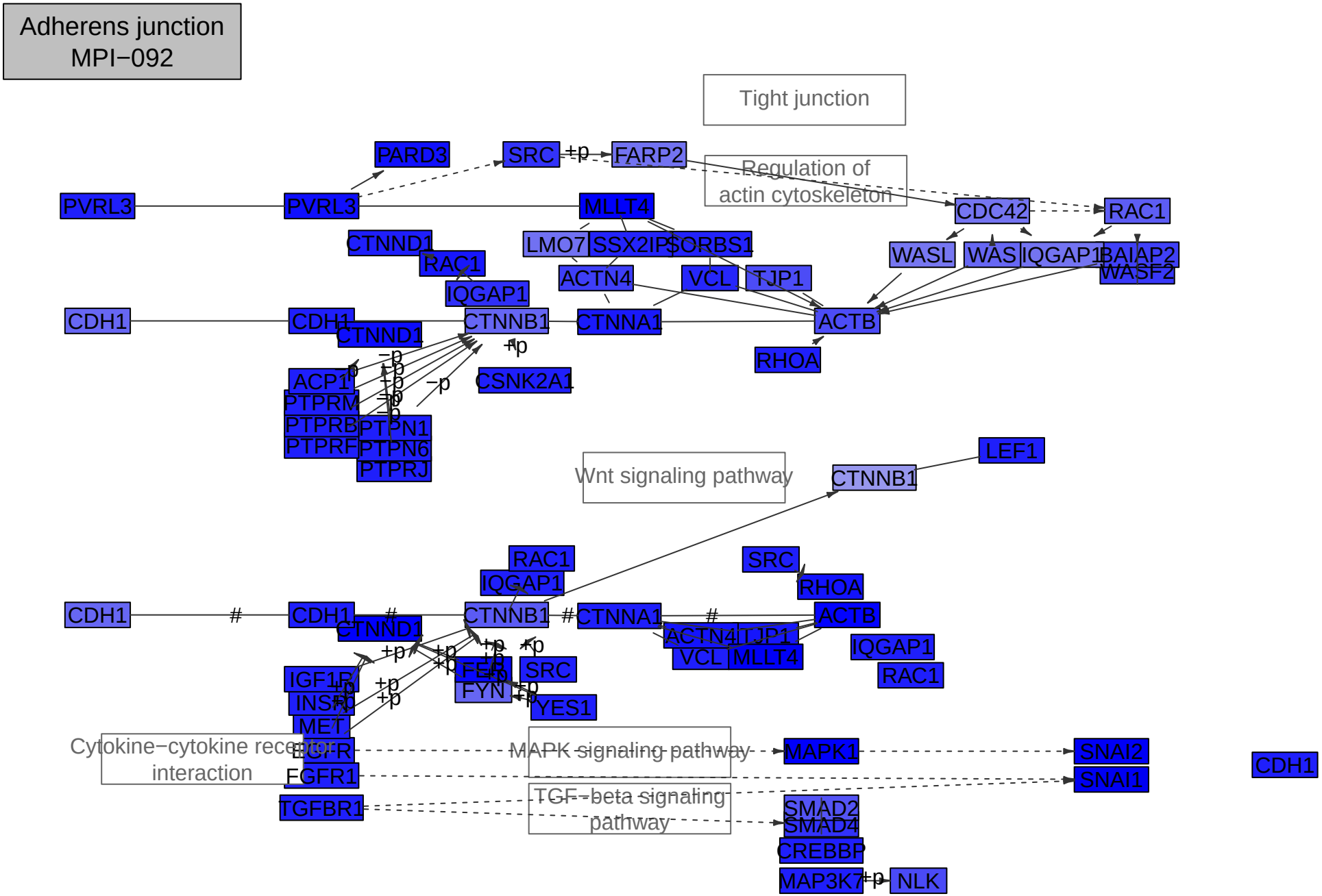
Adherens junction
MPI−092
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
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RHOA
ACP1
PTPRM
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PTPN1
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PTPN6
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CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
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SNAI1
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SMAD2
SMAD4
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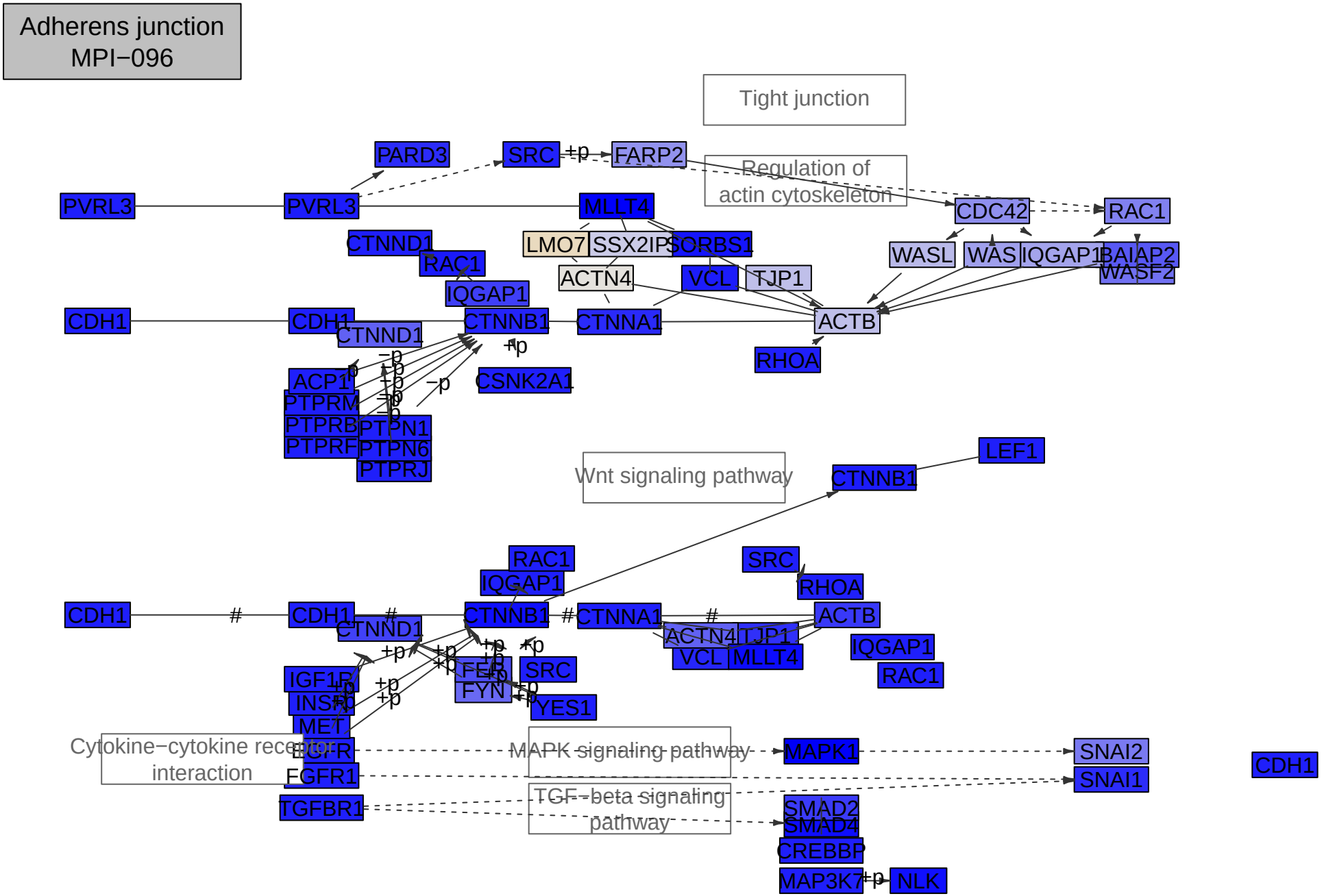
Adherens junction
MPI−096
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
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CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
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BAIAP2
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PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
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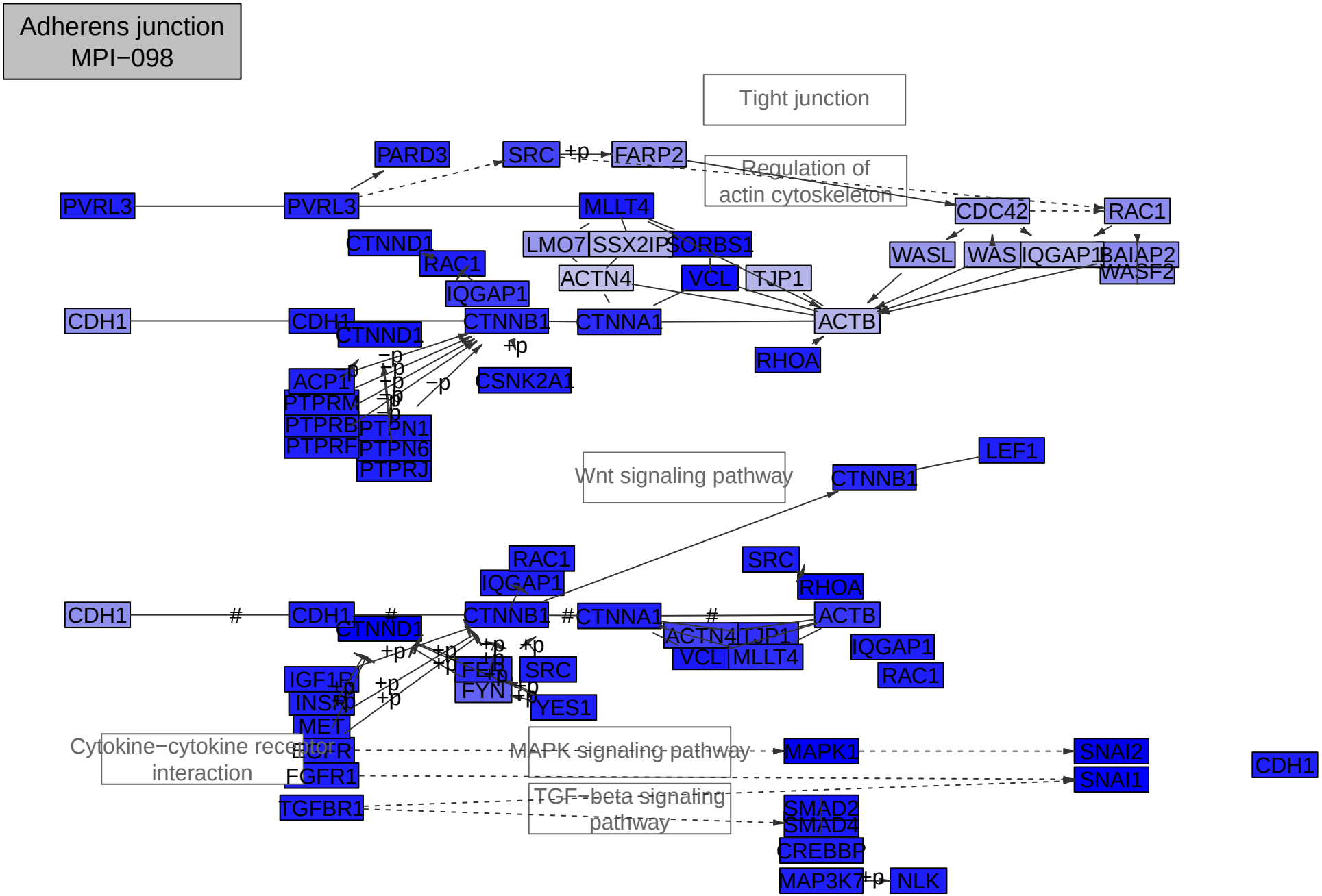
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−098
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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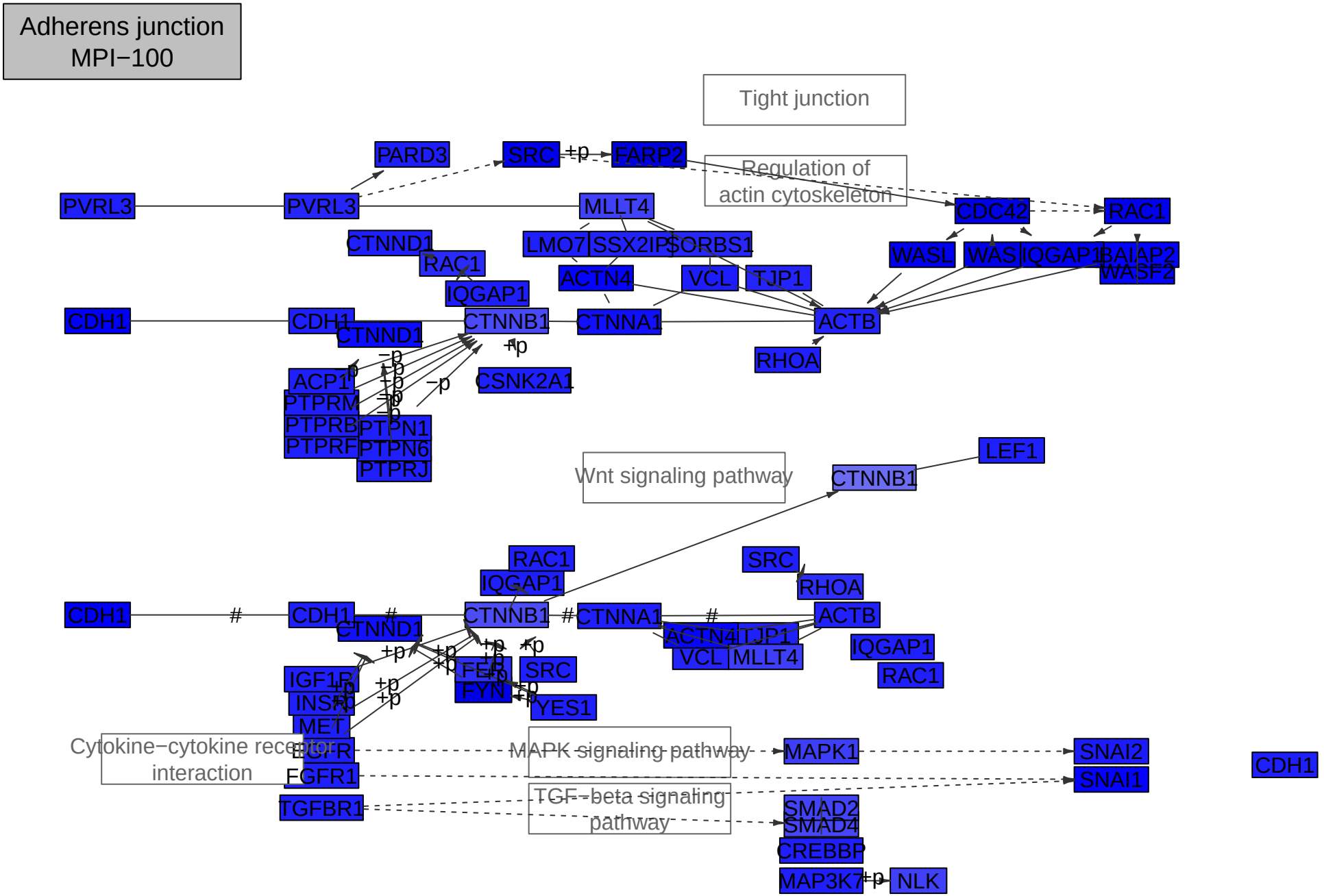
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−100
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
SRC
RHOA
IGF1R
INSR
MET
EGFR
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FYN
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MAPK1
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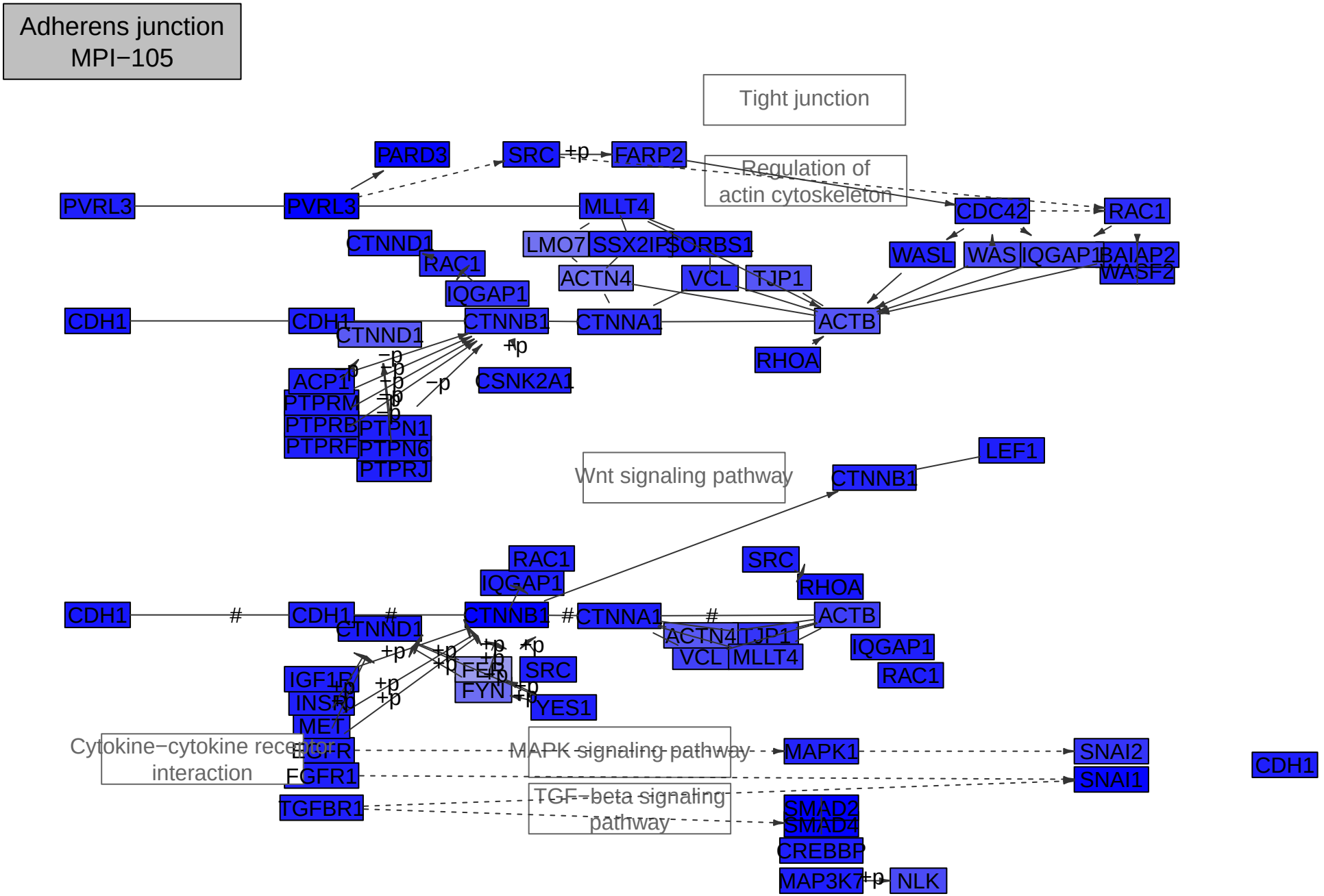
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−105
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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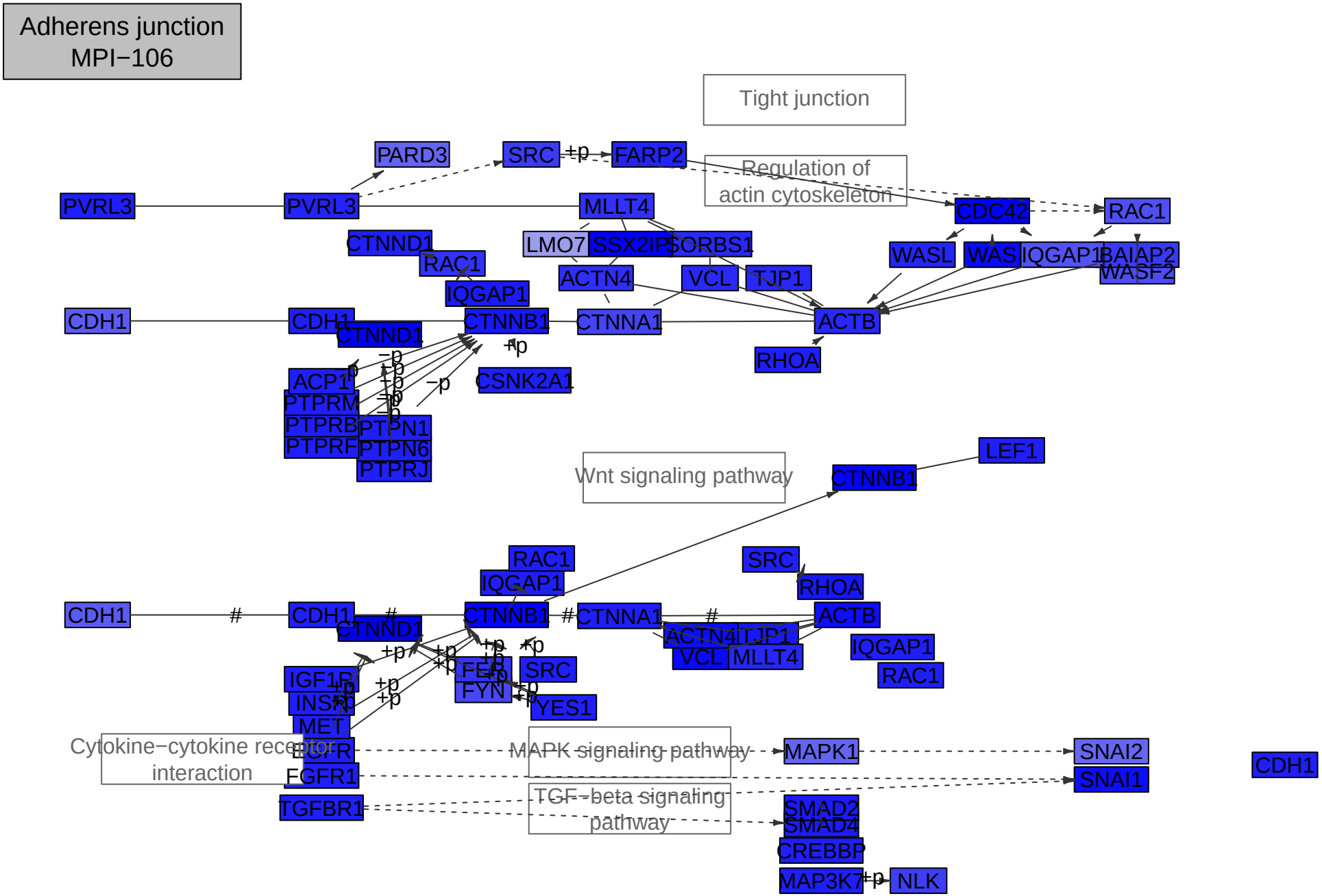
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK



Adherens junction
MPI−106
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Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
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+p
FARP2
PVRL3
PVRL3
MLLT4
CDC42
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CTNND1
RAC1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
FYN
YES1
INSR
MET
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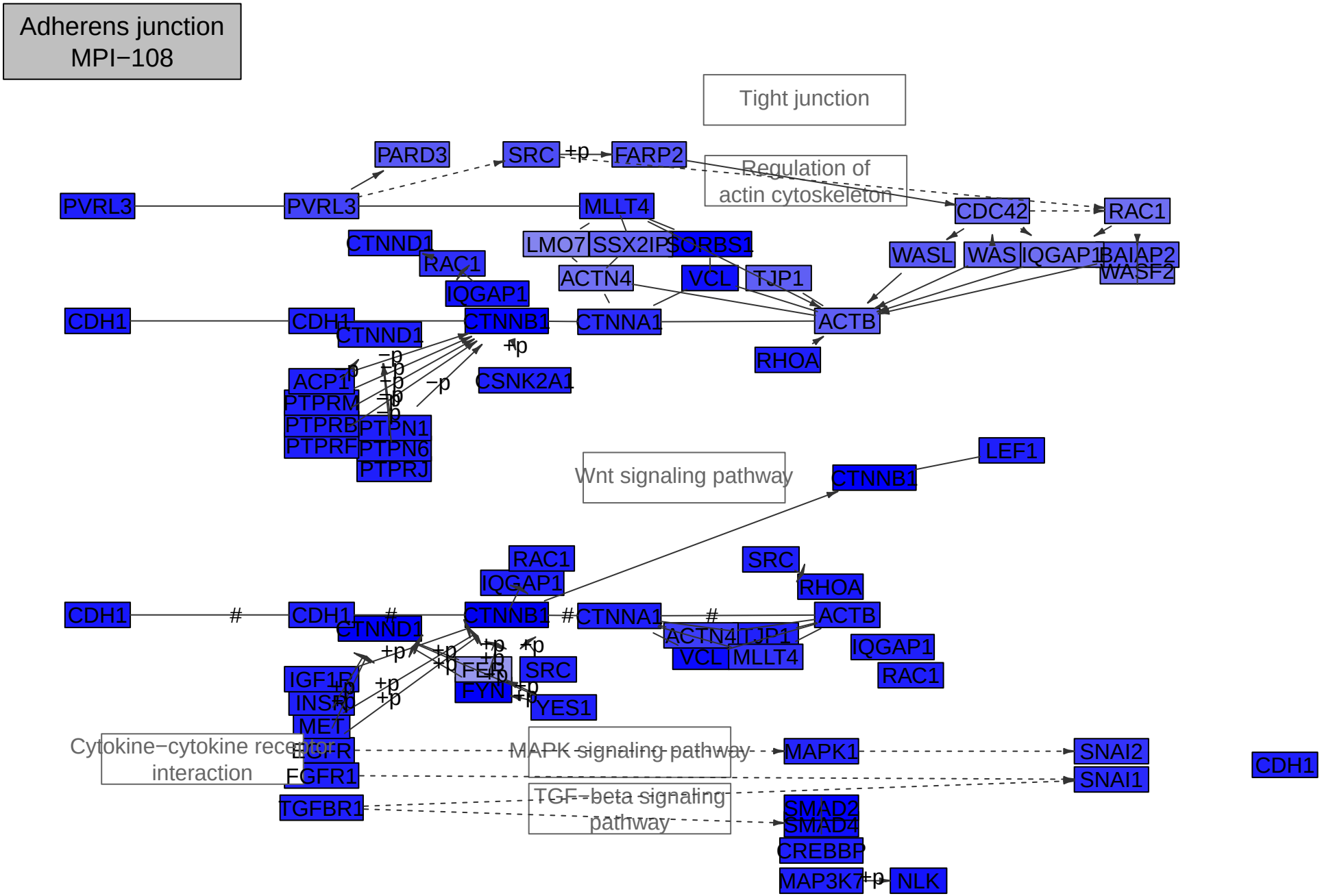
Adherens junction
MPI−108
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
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IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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MAPK1
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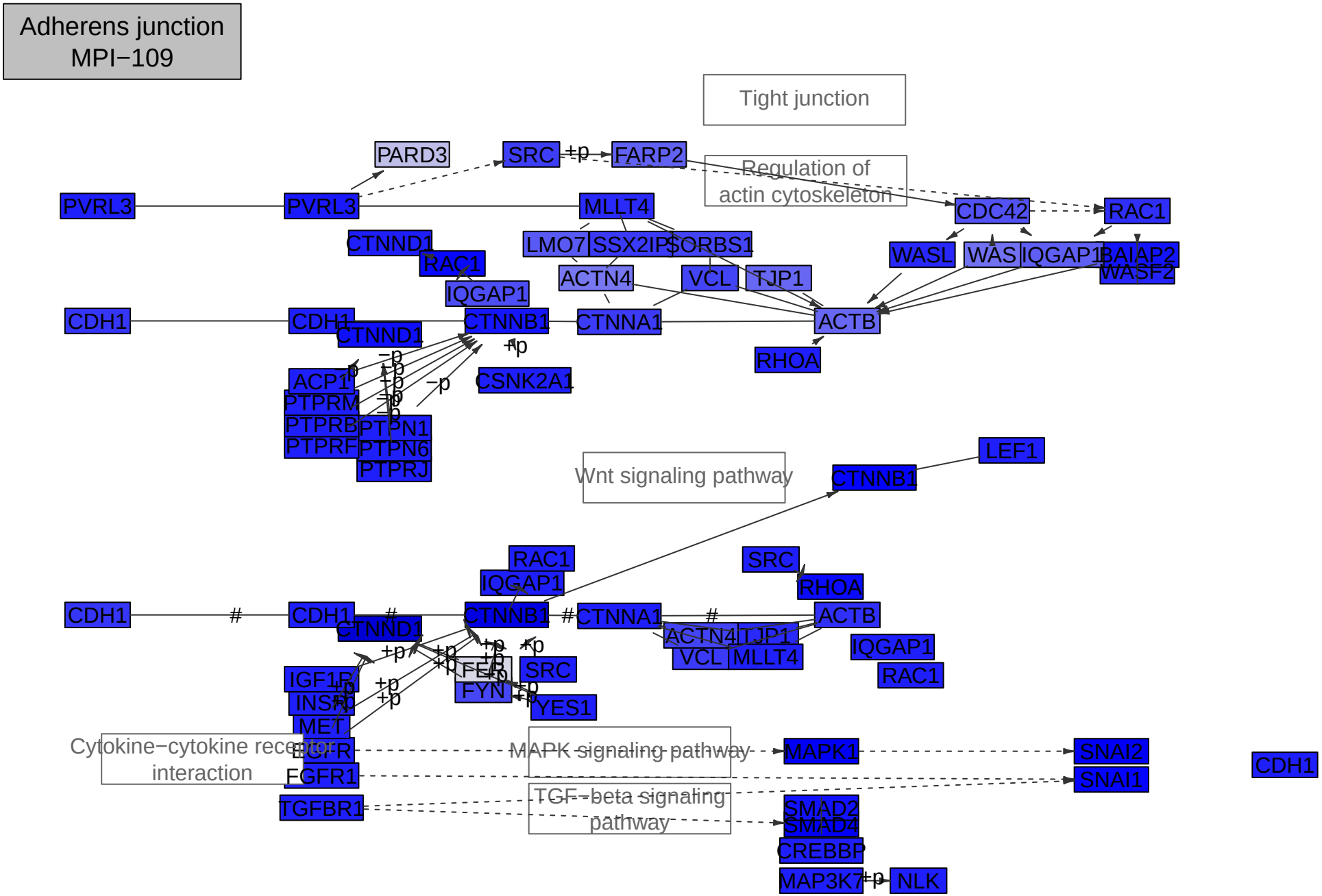
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−109
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
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ORBS1
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IQGAP1
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ACTN4
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TJP1
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CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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SMAD2
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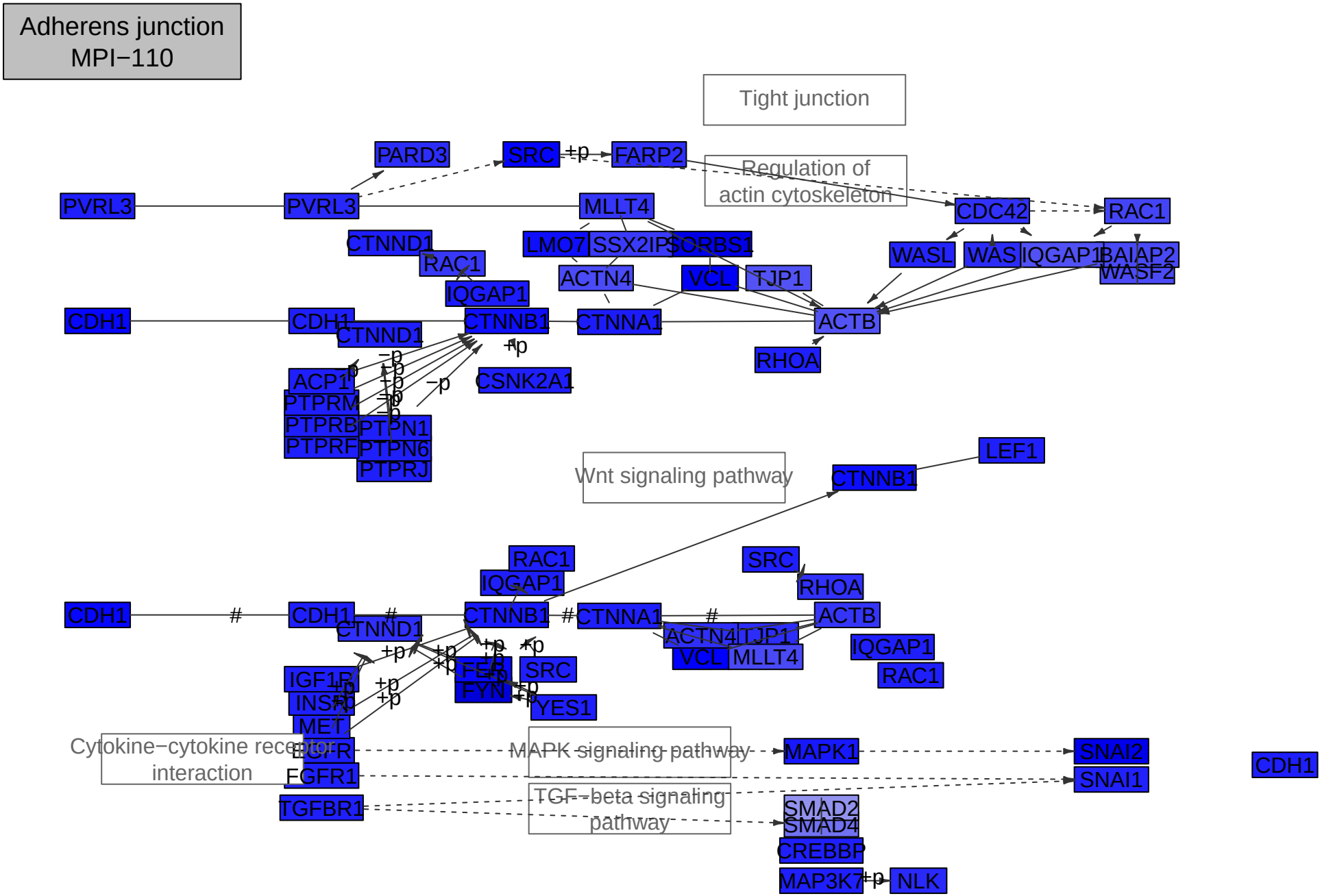
MAP3K7
NLK


Adherens junction
MPI−110
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
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CDH1
CTNNB1
CTNNA1
ACTB
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RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
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PTPRF
PTPN6
PTPRJ
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ACTB
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TJP1
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SRC
INSR
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MET
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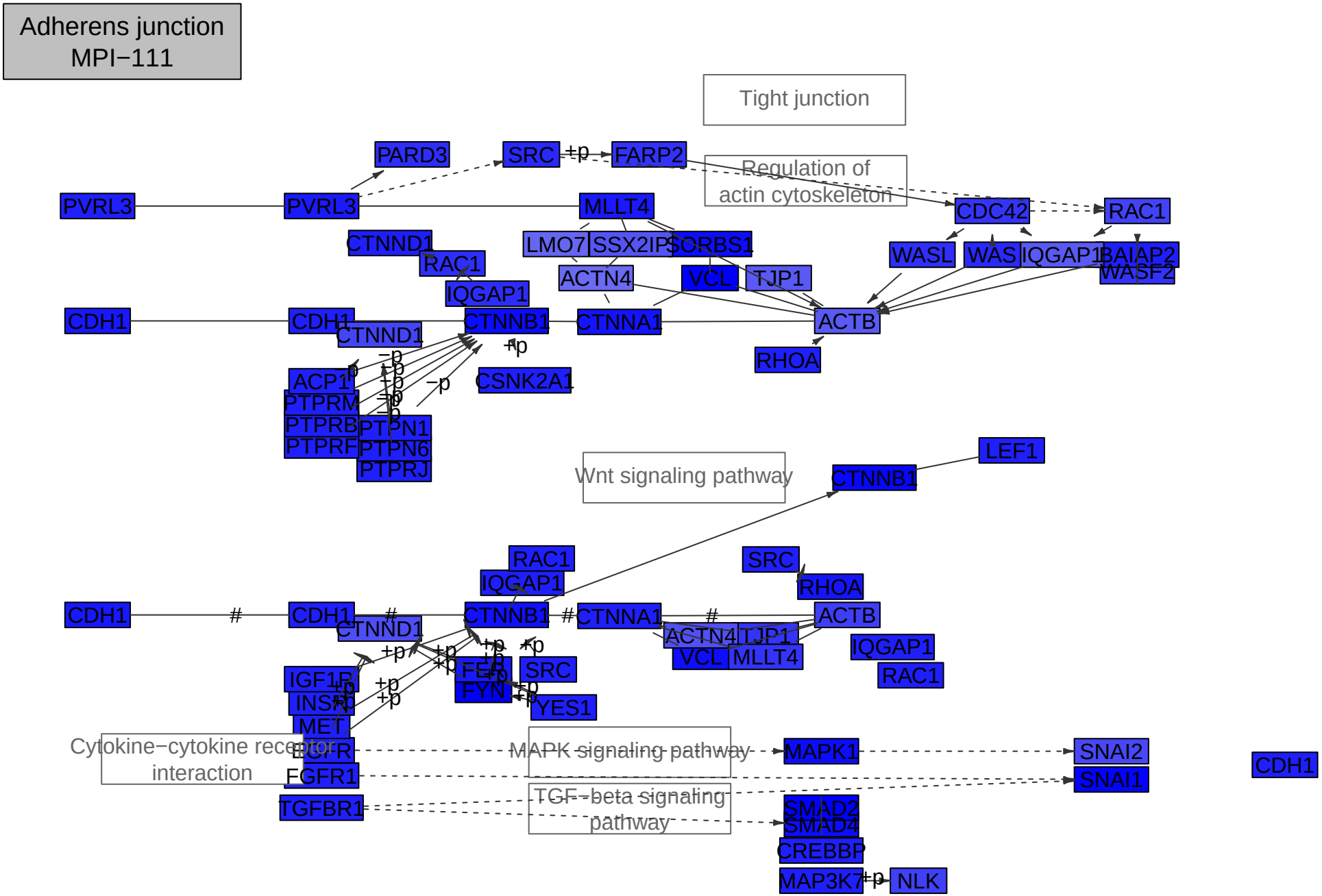
NLK


Adherens junction
MPI−111
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
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CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
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SMAD2
SMAD4
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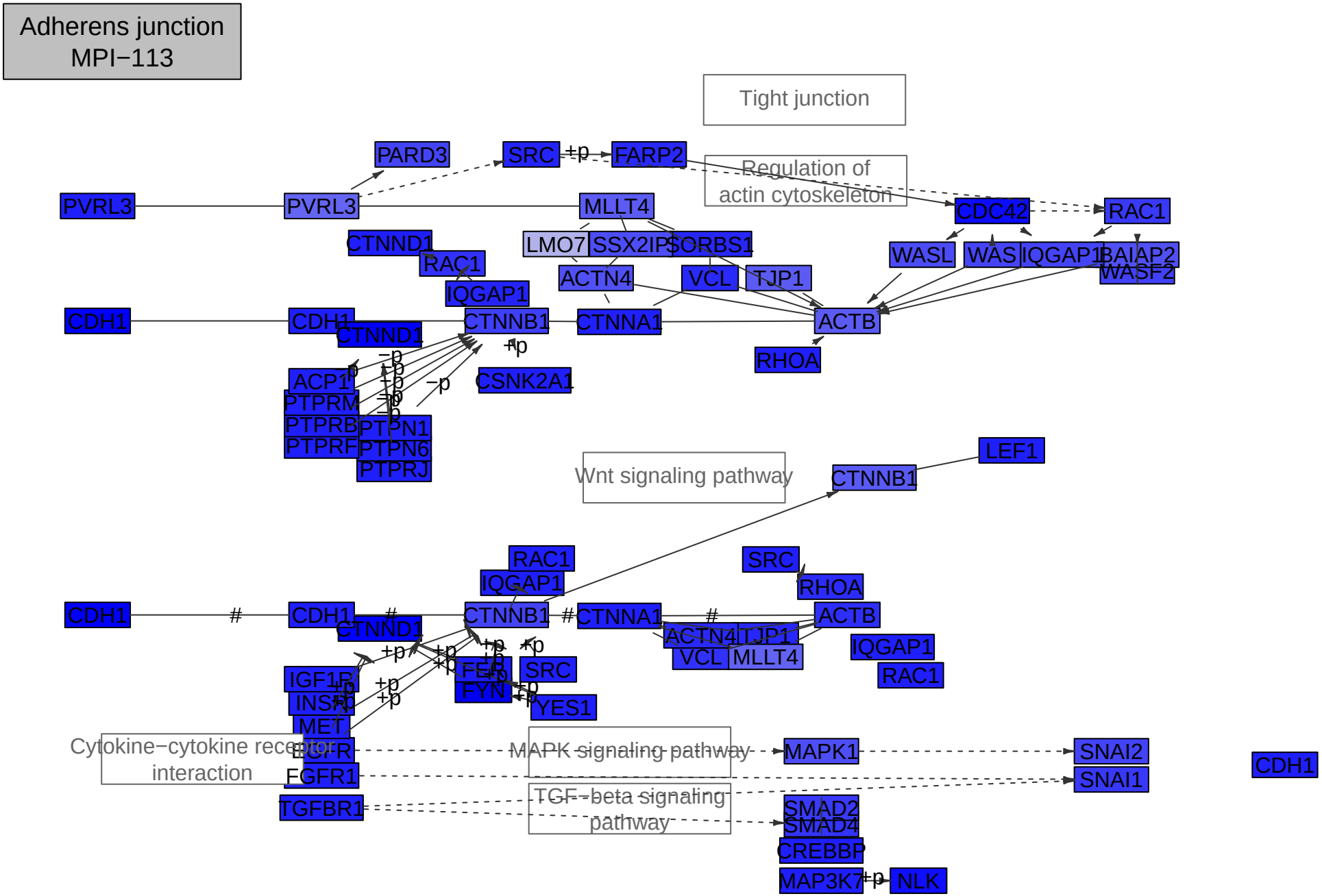
NLK


Adherens junction
MPI−113
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
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IQGAP1
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MAPK1
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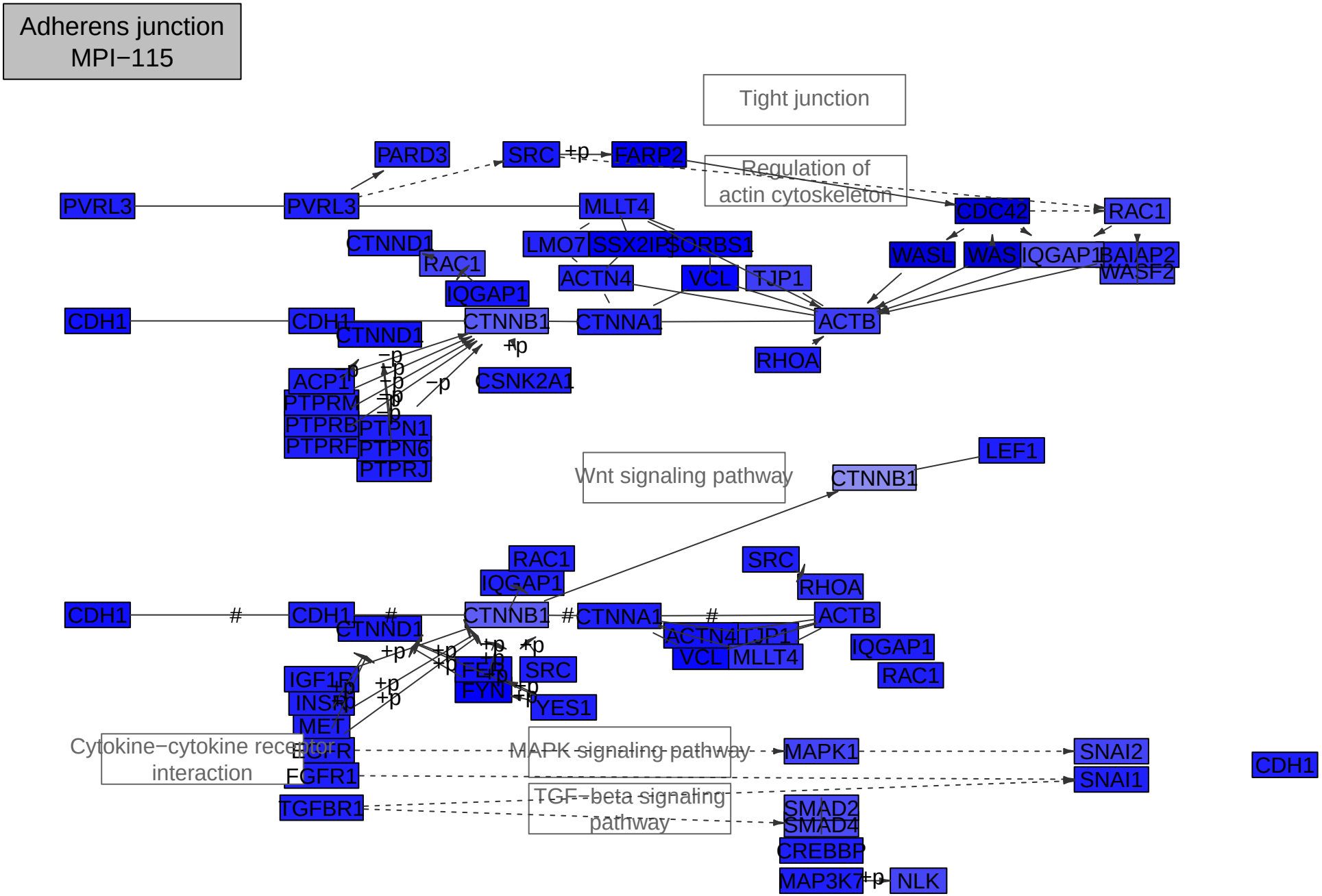
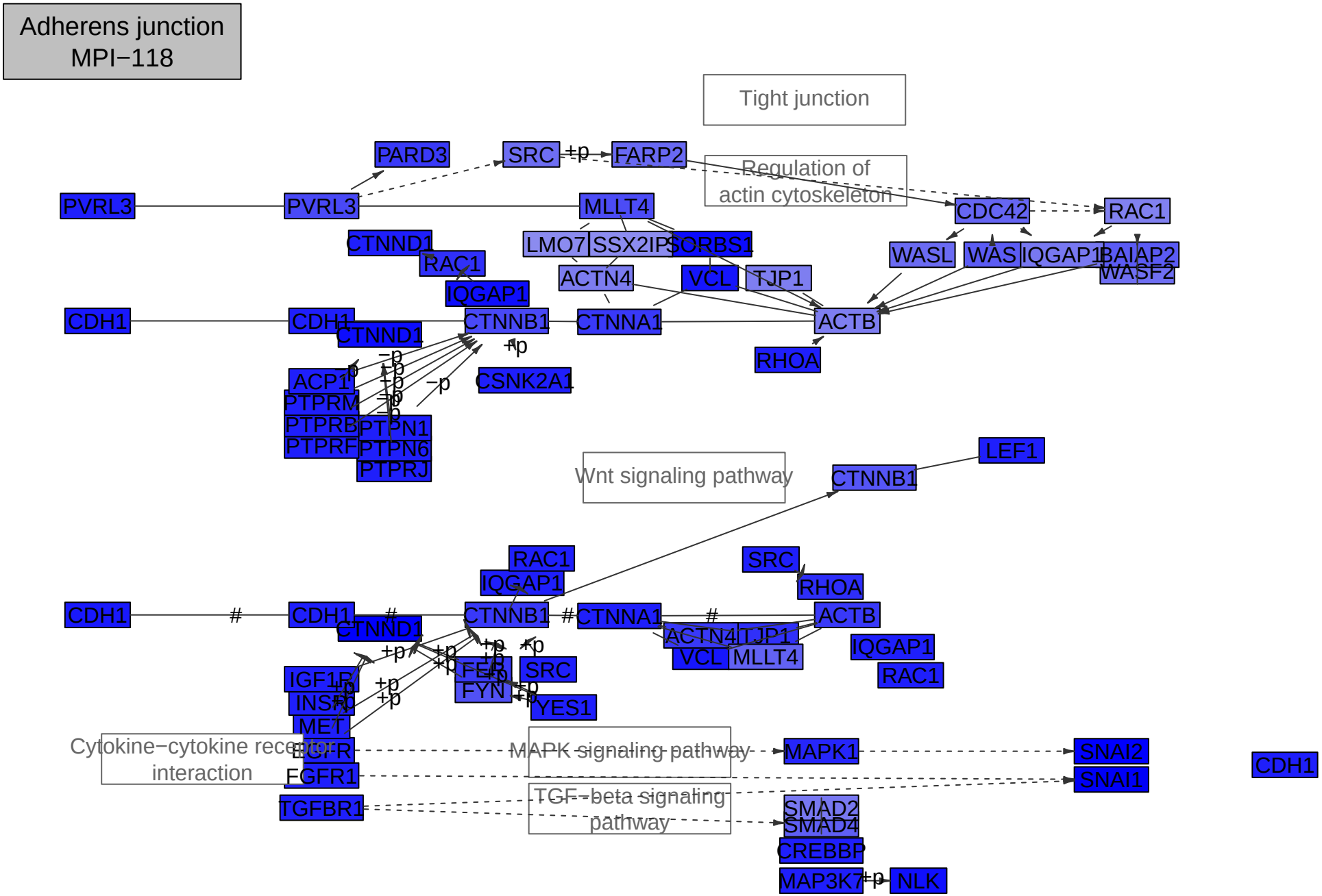
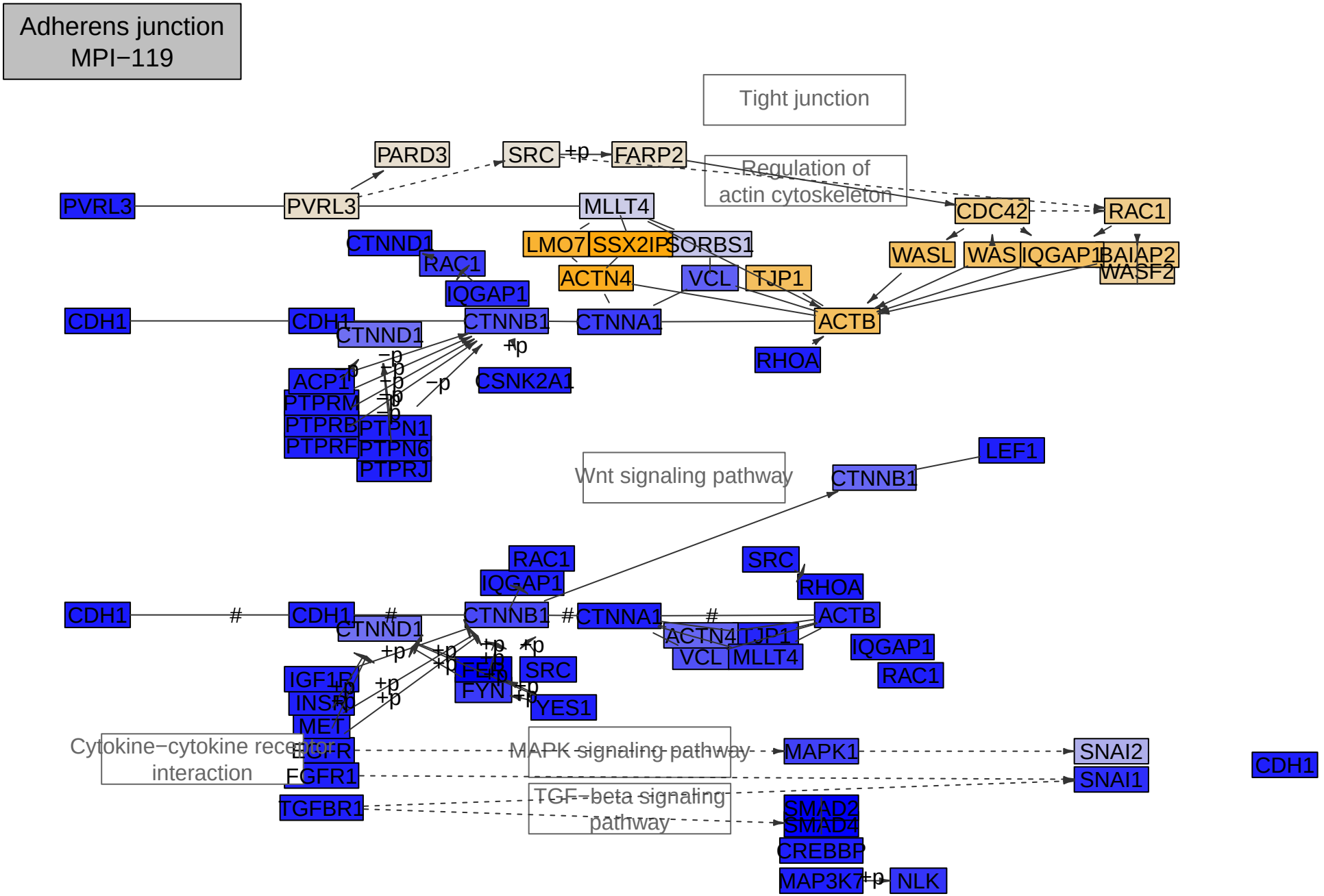
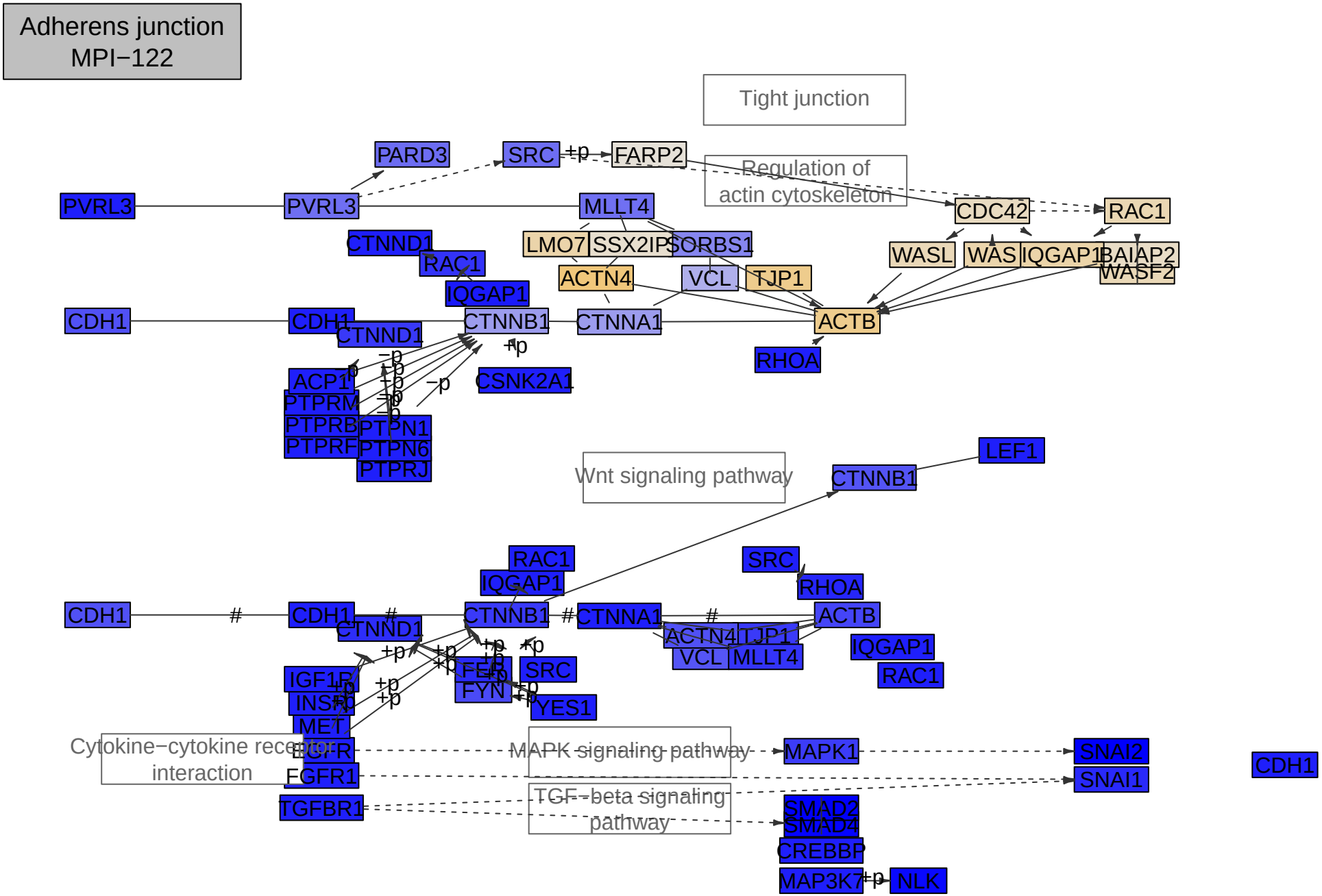
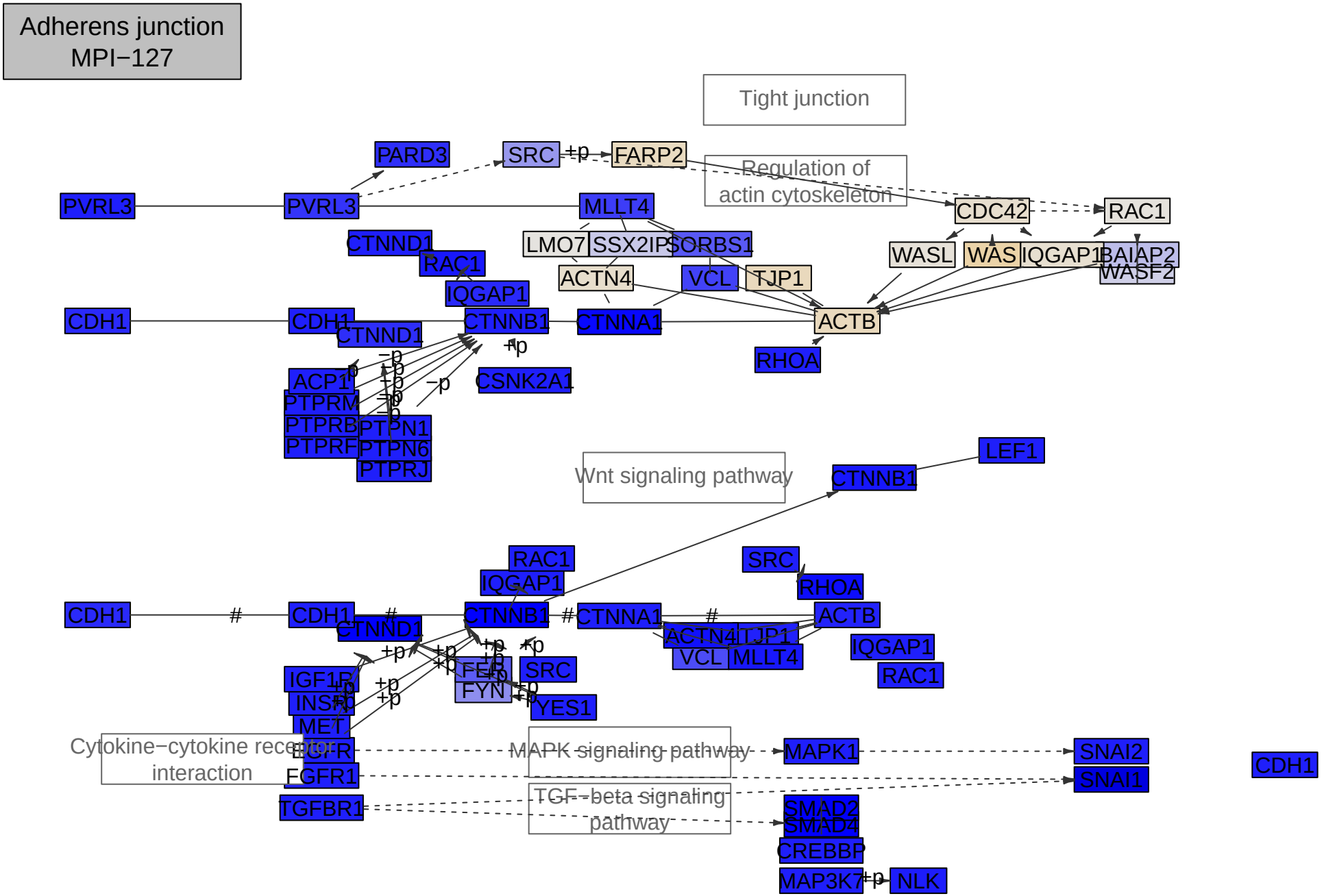
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

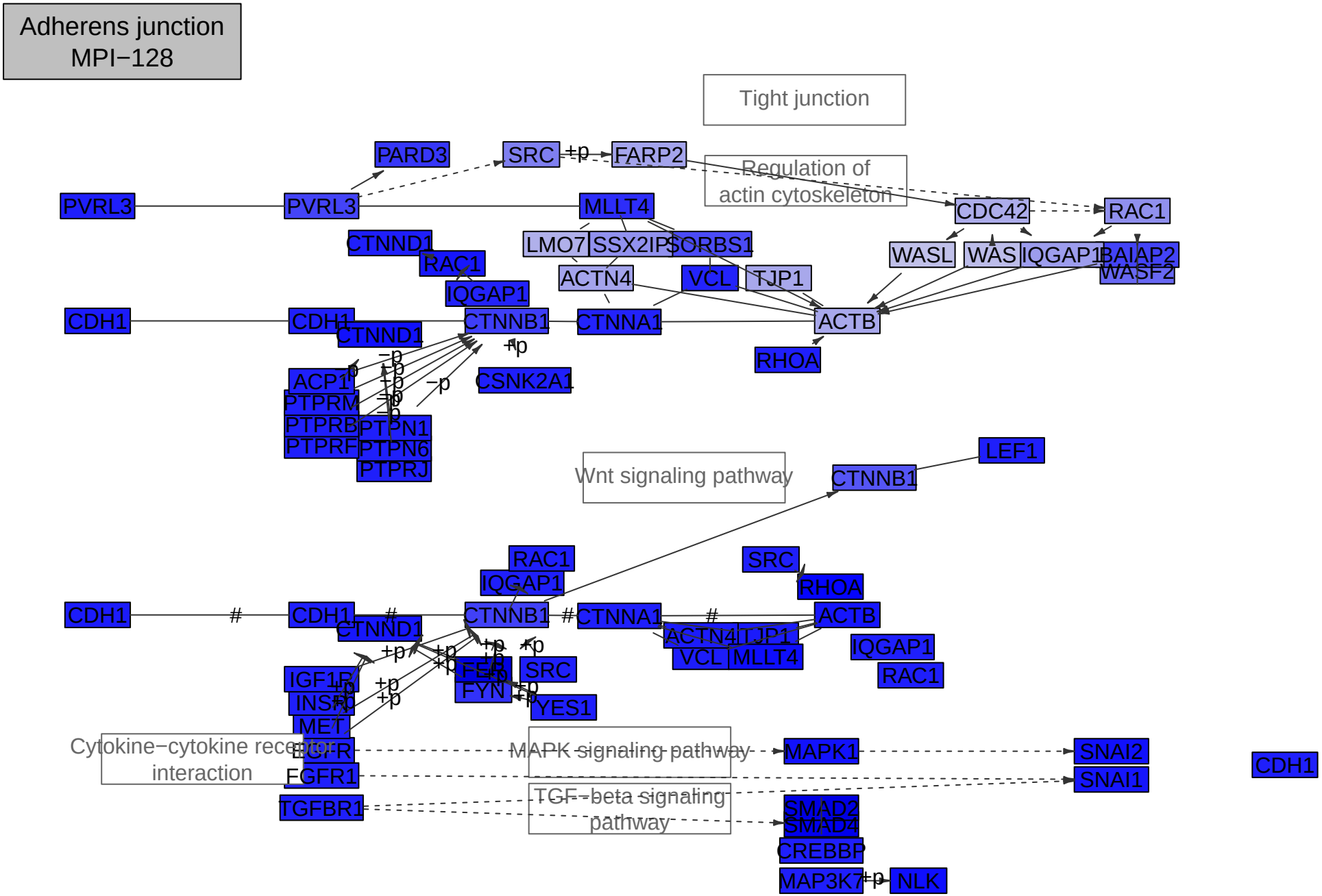

Adherens junction
MPI−115
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

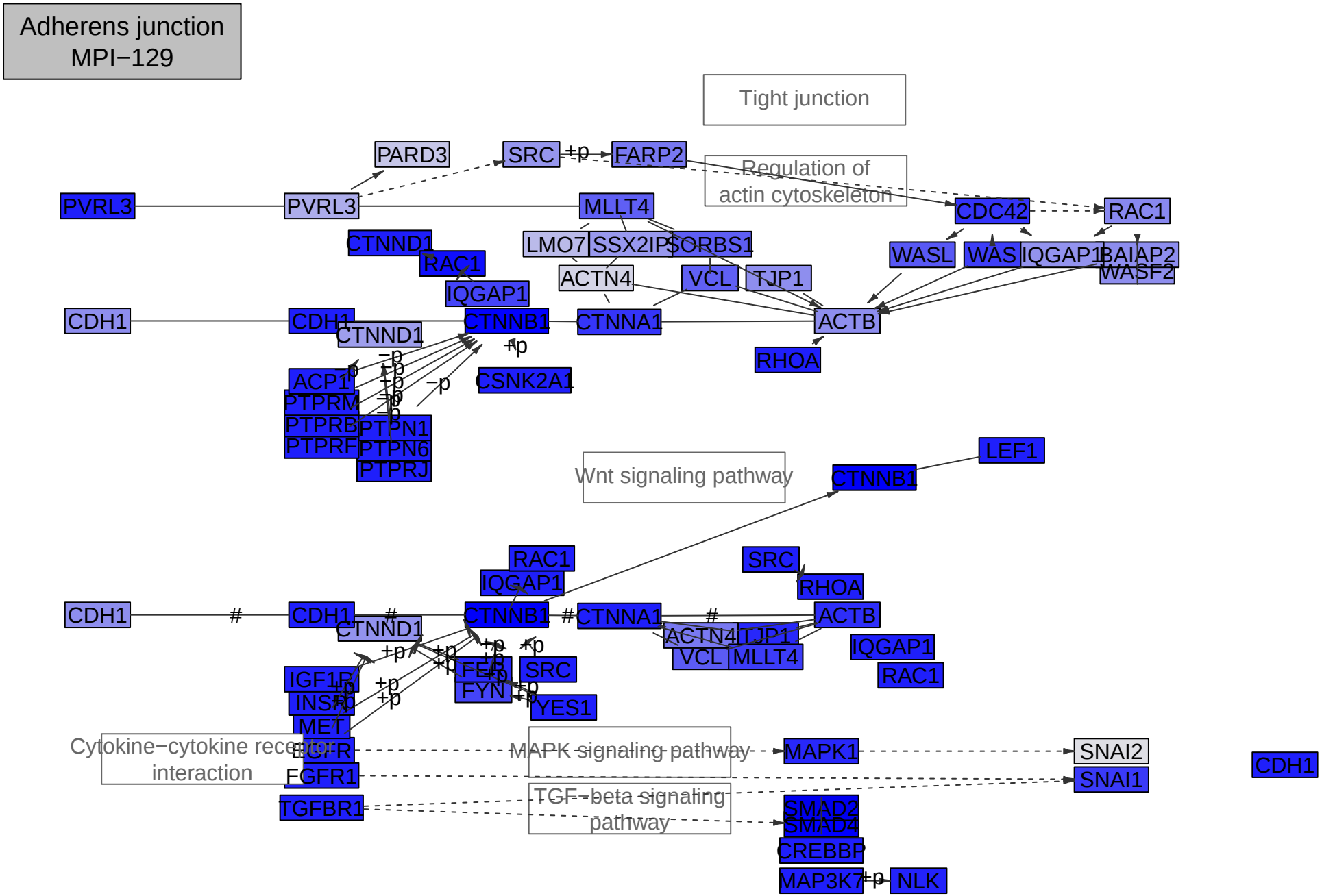

Adherens junction
MPI−118
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

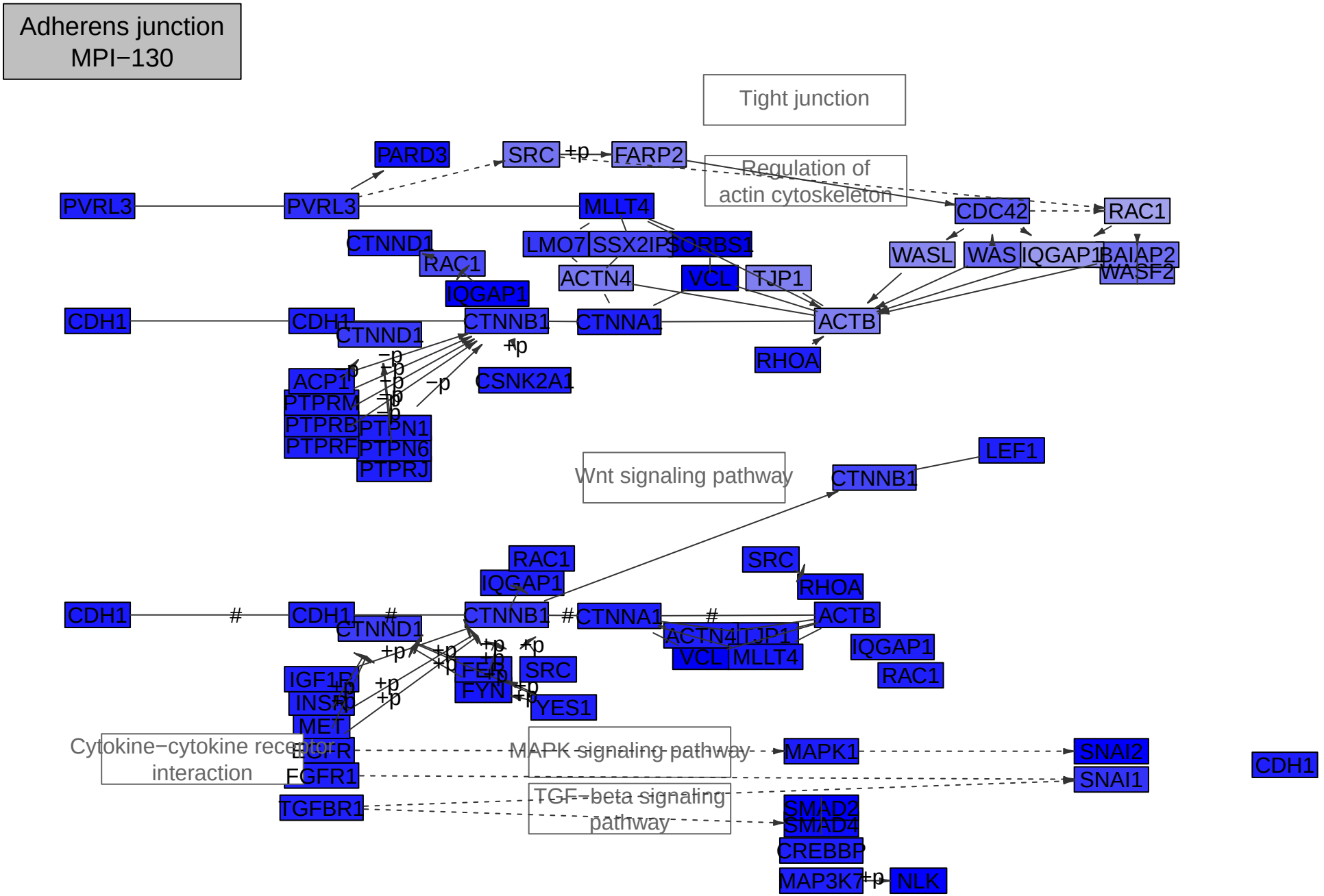

Adherens junction
MPI−119
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

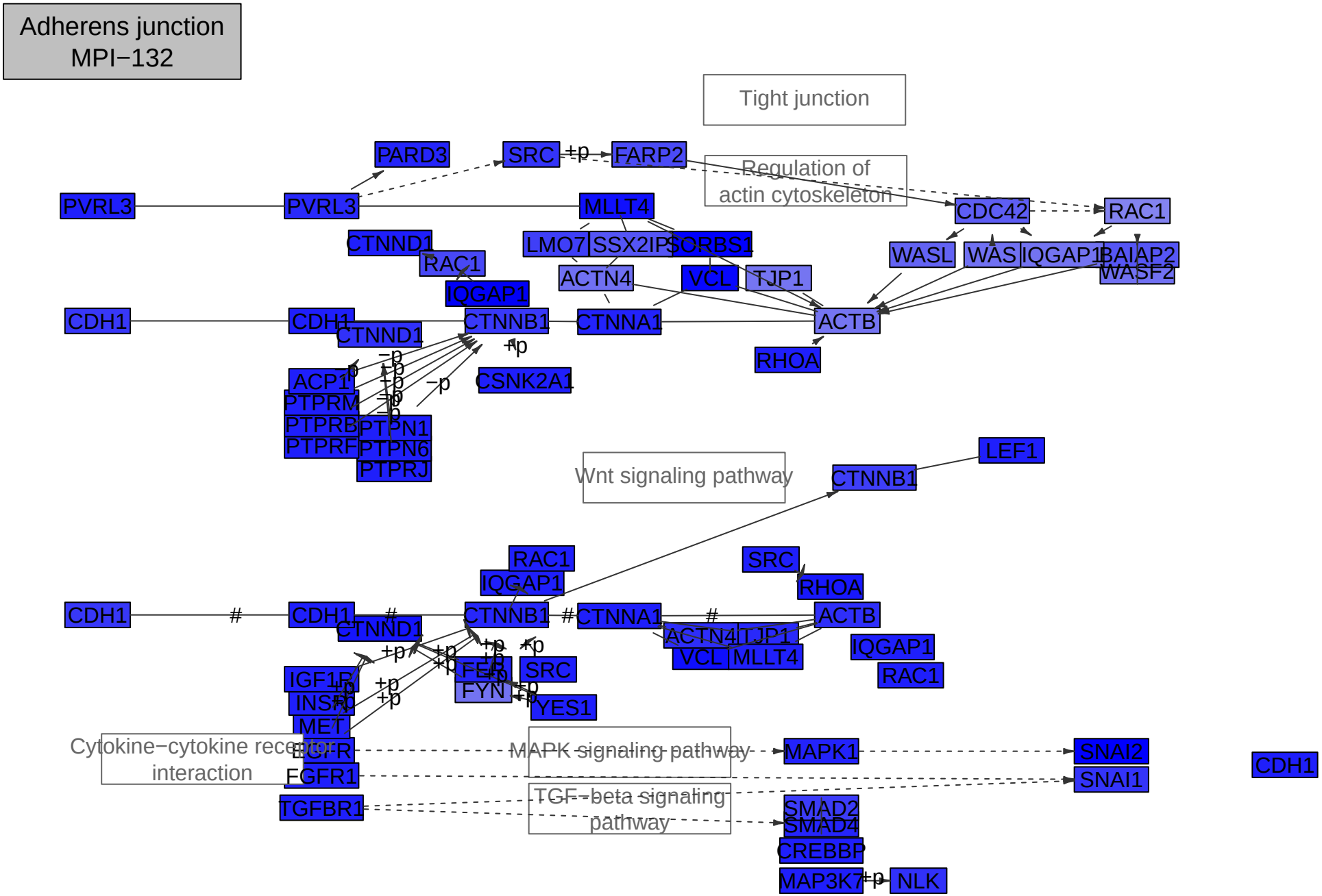

Adherens junction
MPI−122
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−127
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−128
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−129
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FER
SRC
IGF1R
FYN
YES1
INSR
MET
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK


Adherens junction
MPI−130
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−132
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
HGFR
EGFR1
TGFBR1
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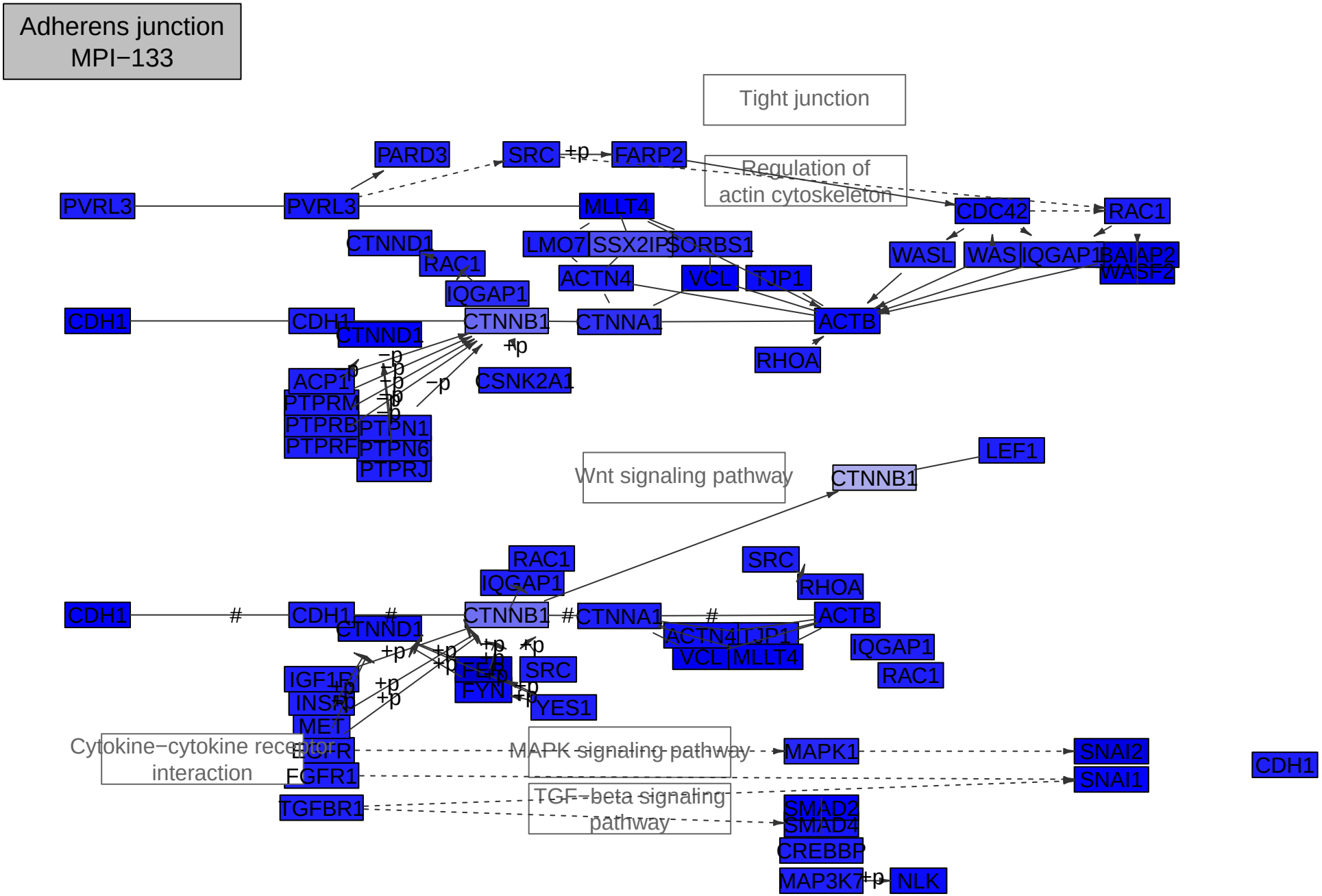
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−133
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
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MAPK1
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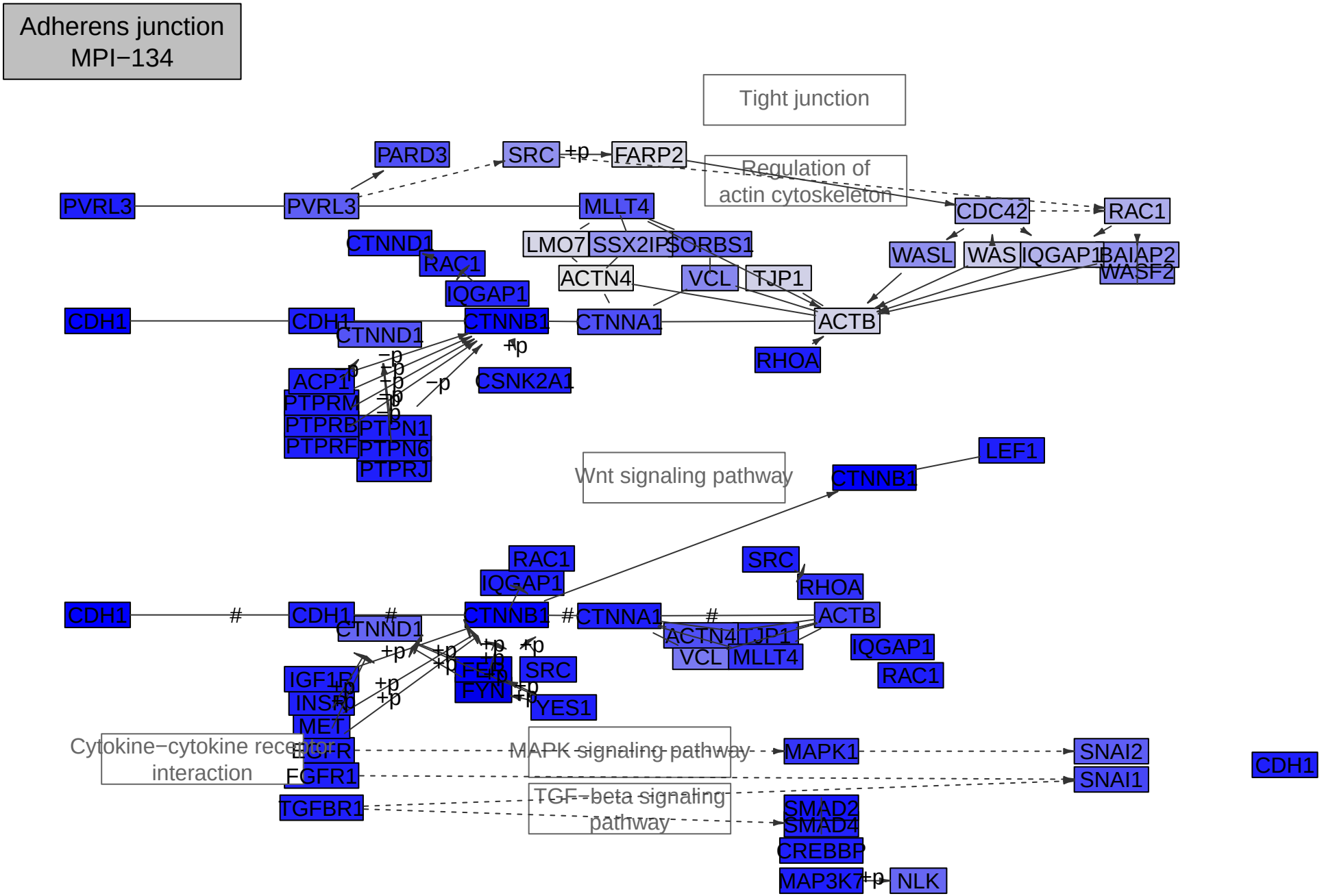
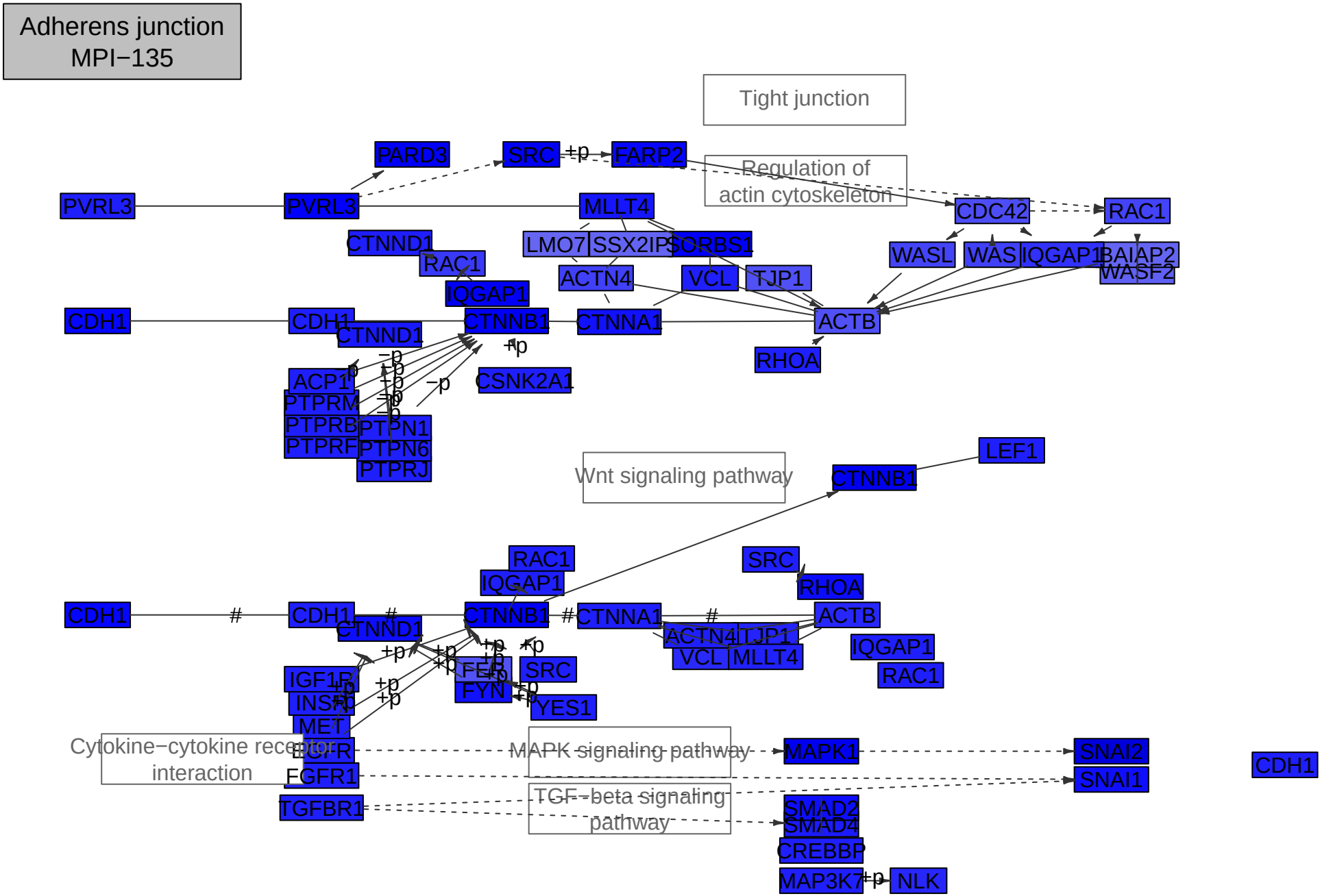
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−134
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FES
SRC
IGF1R
FYN
INSR
YES1
MET
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK


Adherens junction
MPI−135
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
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FYN
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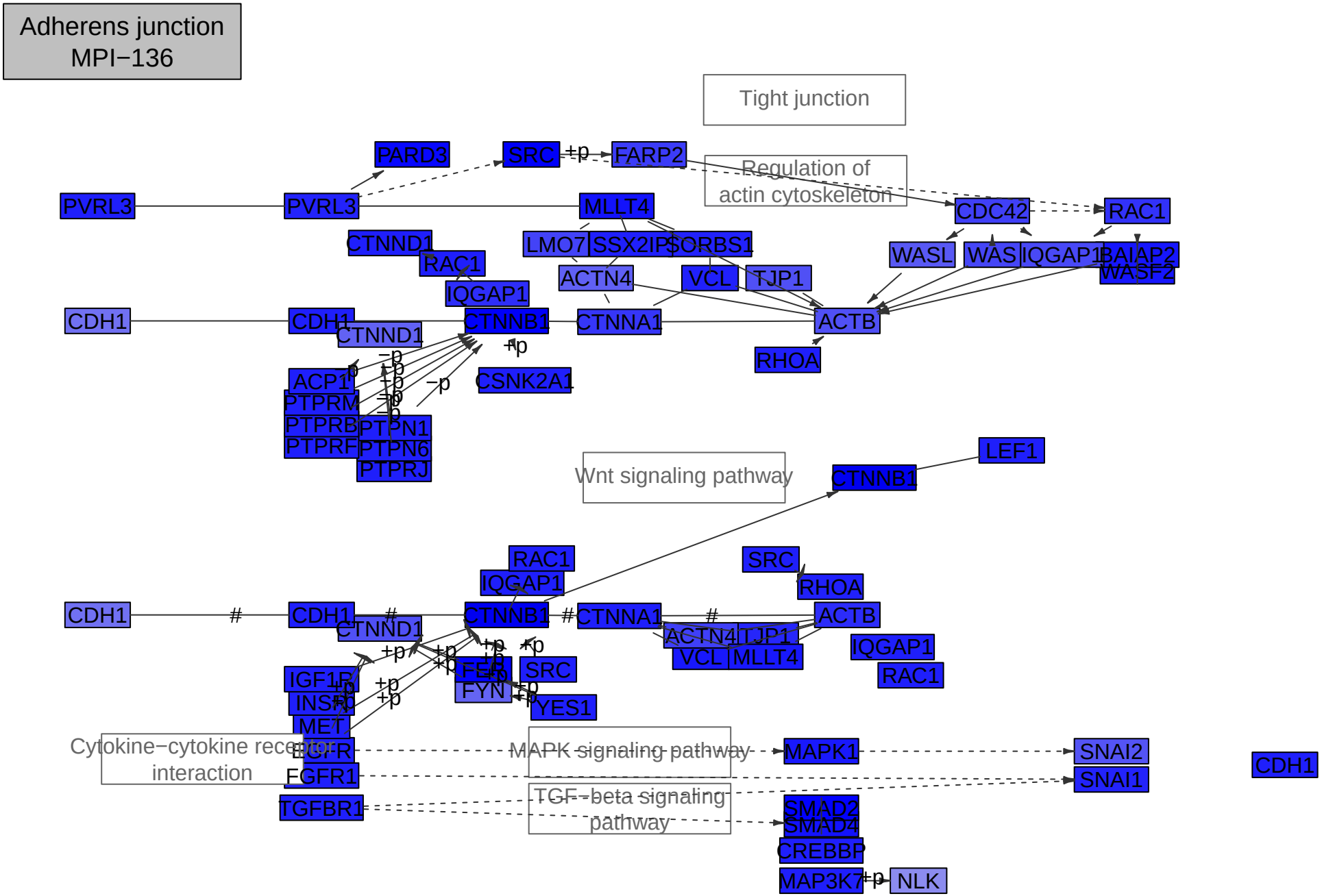
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−136
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
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TJP1
CDH1
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ACTB
RHOA
ACP1
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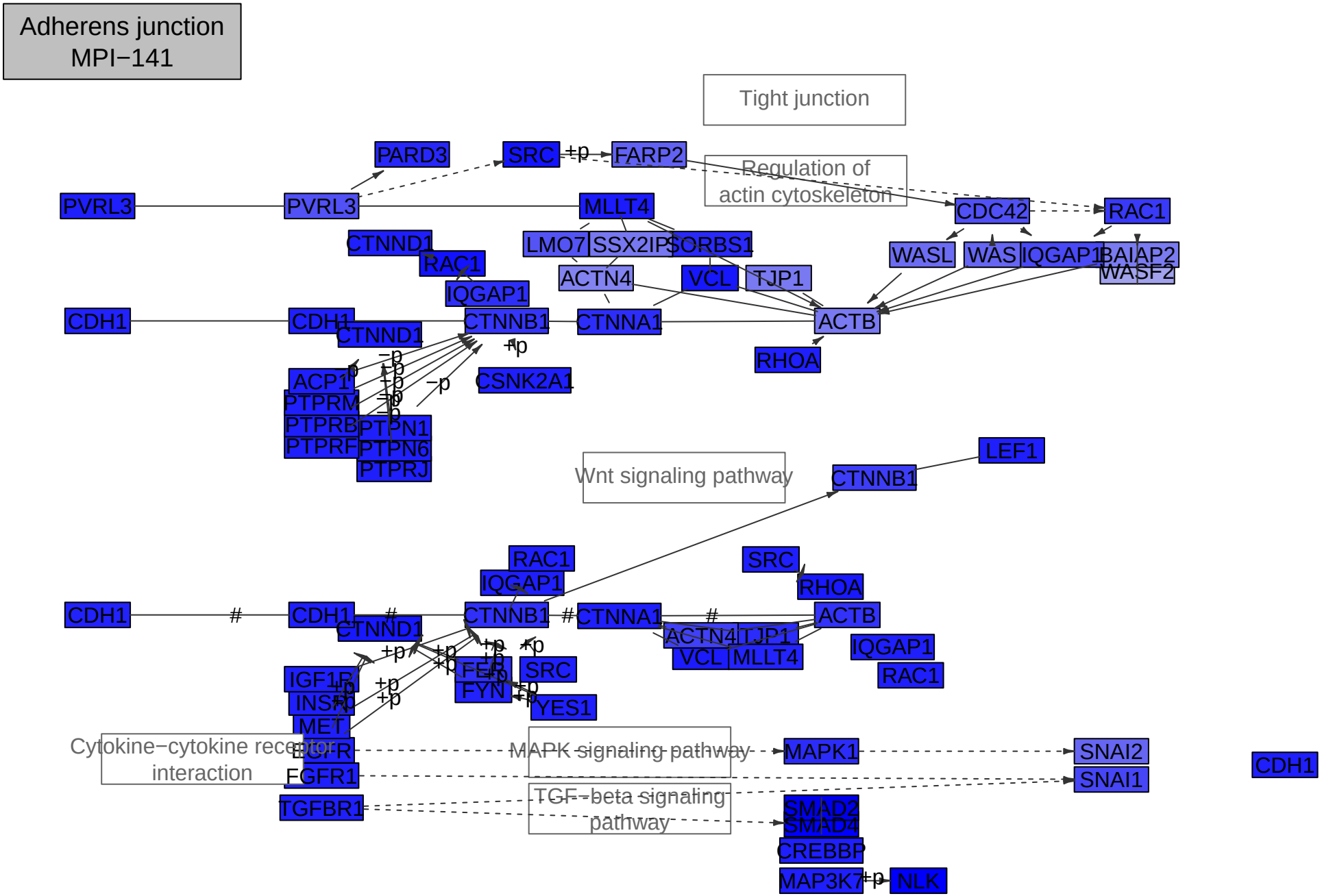
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−141
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
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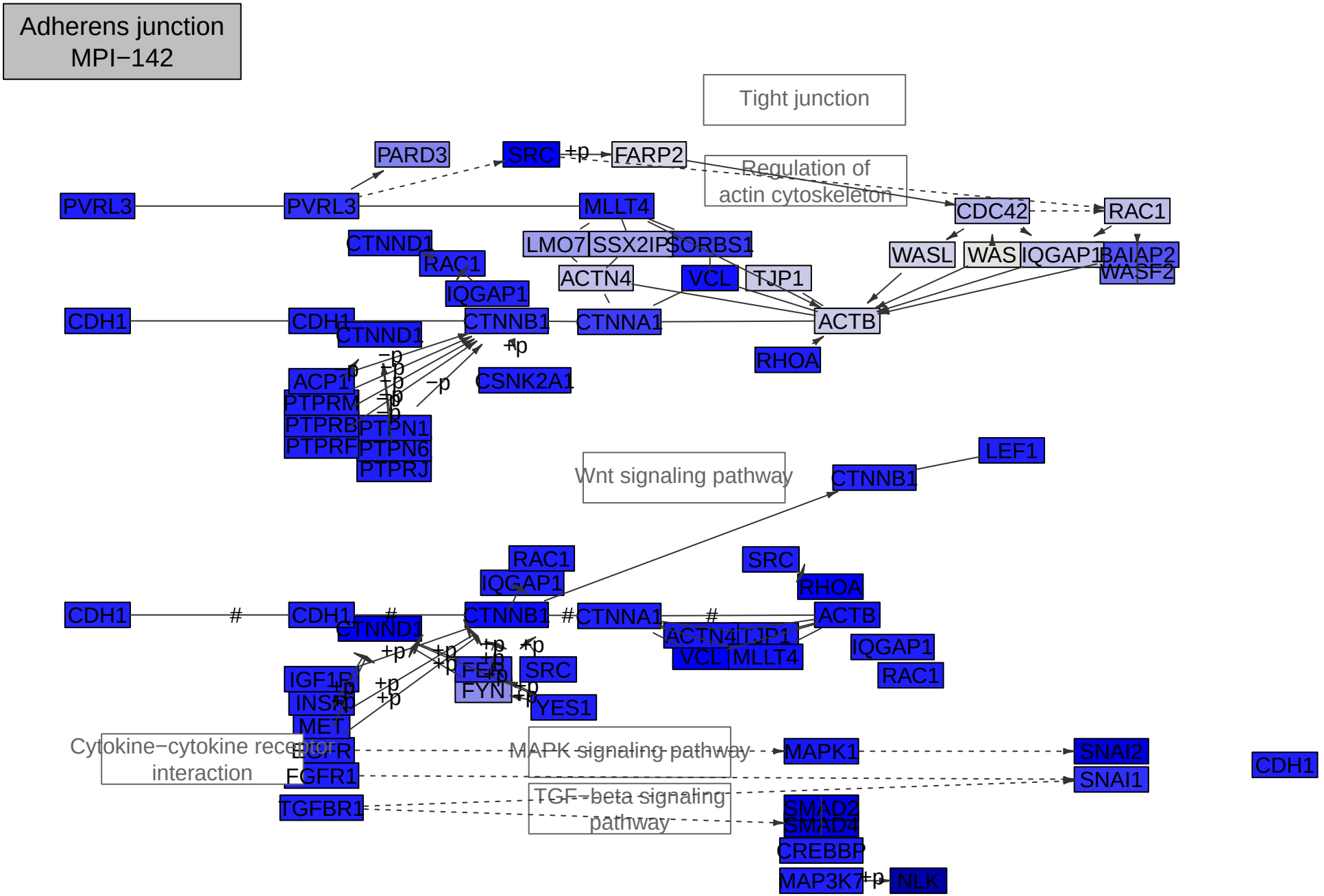
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−142
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
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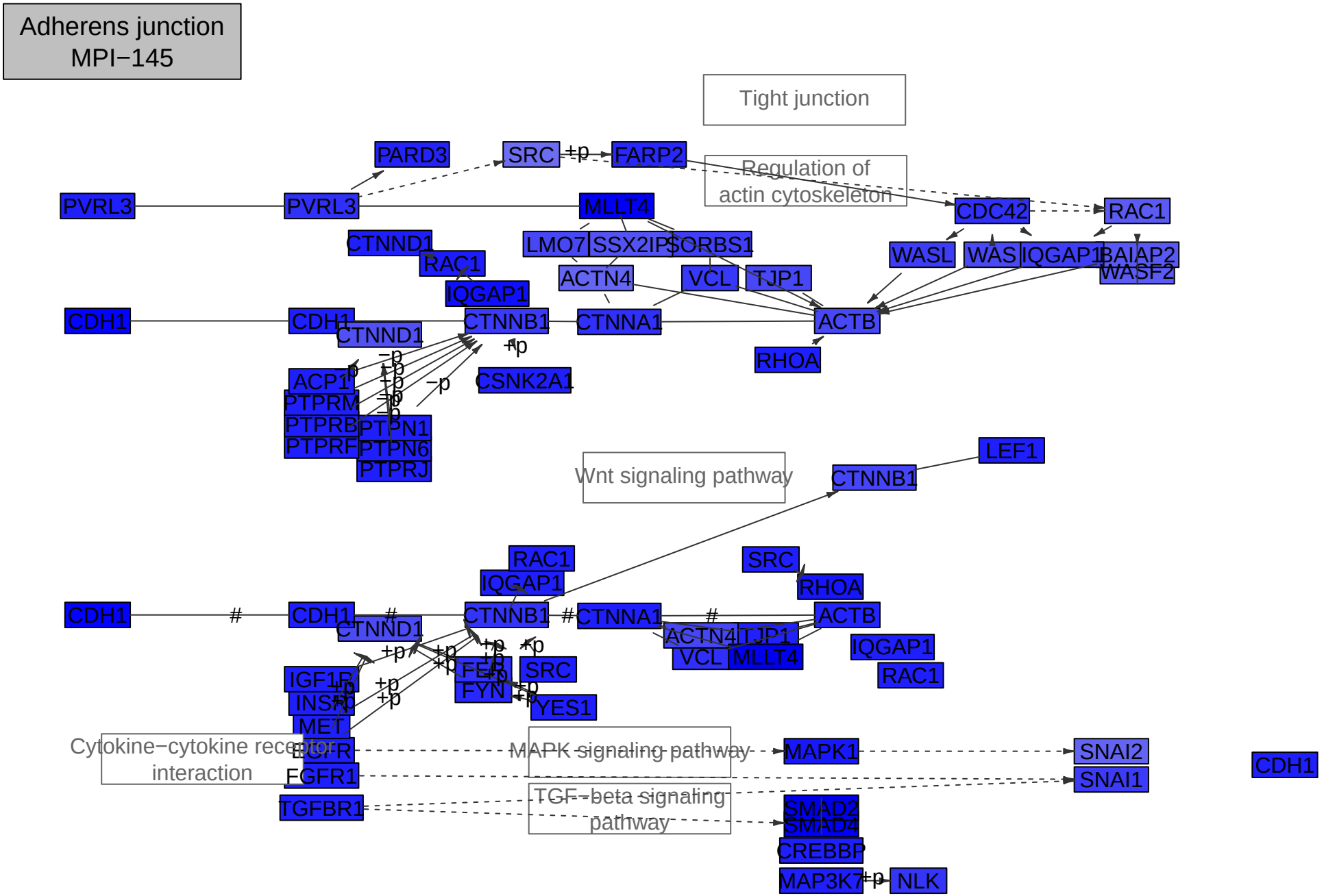
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−145
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
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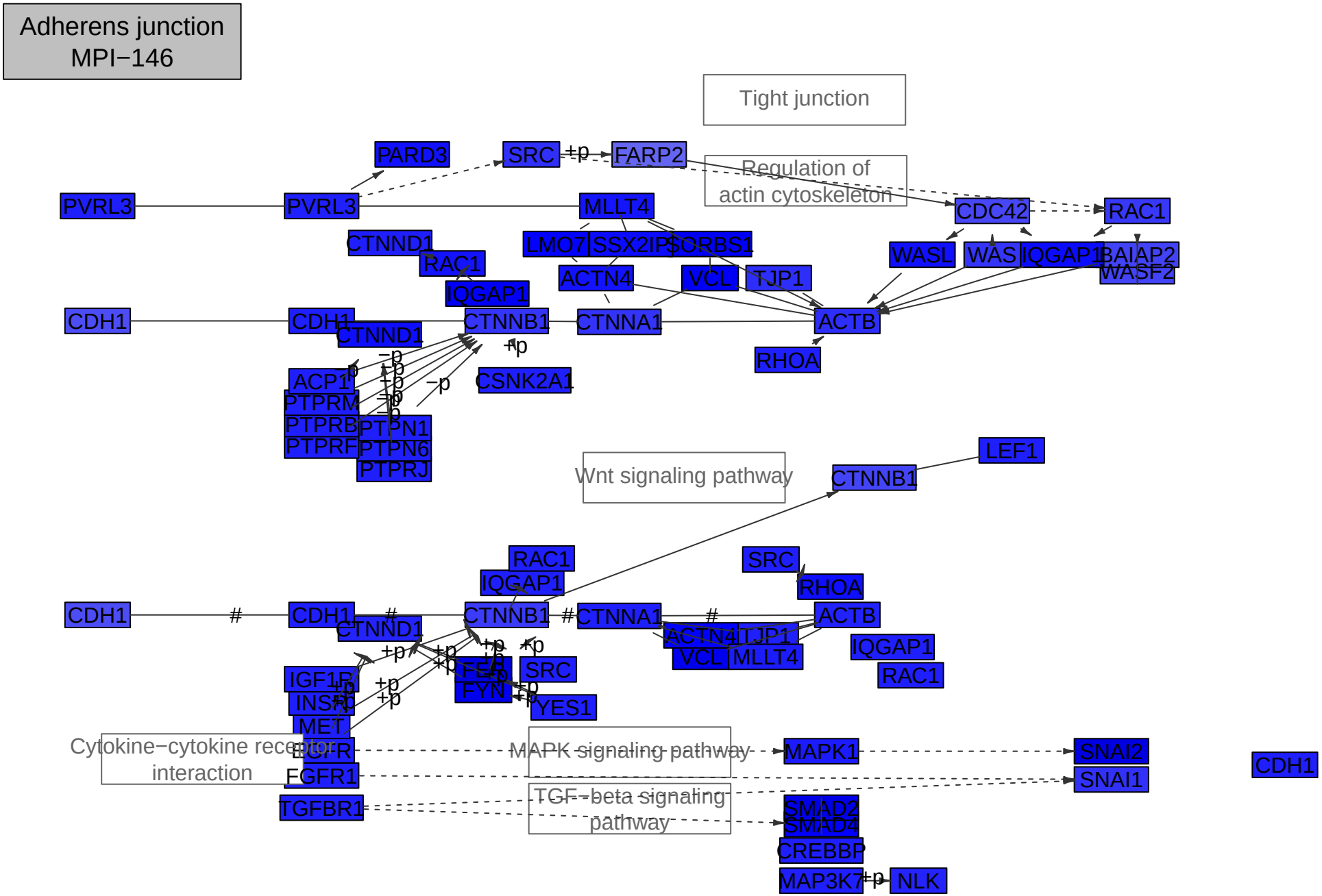
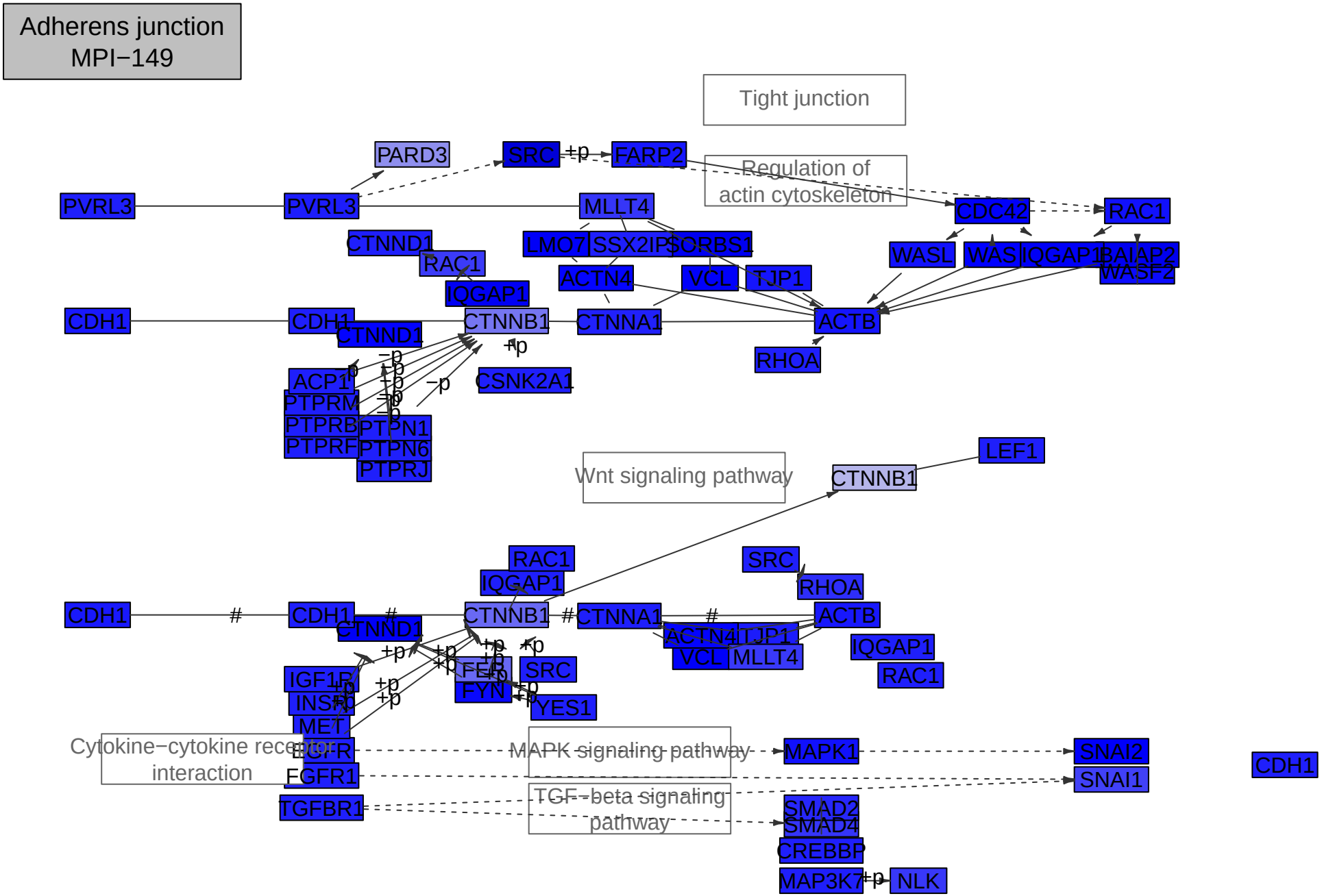
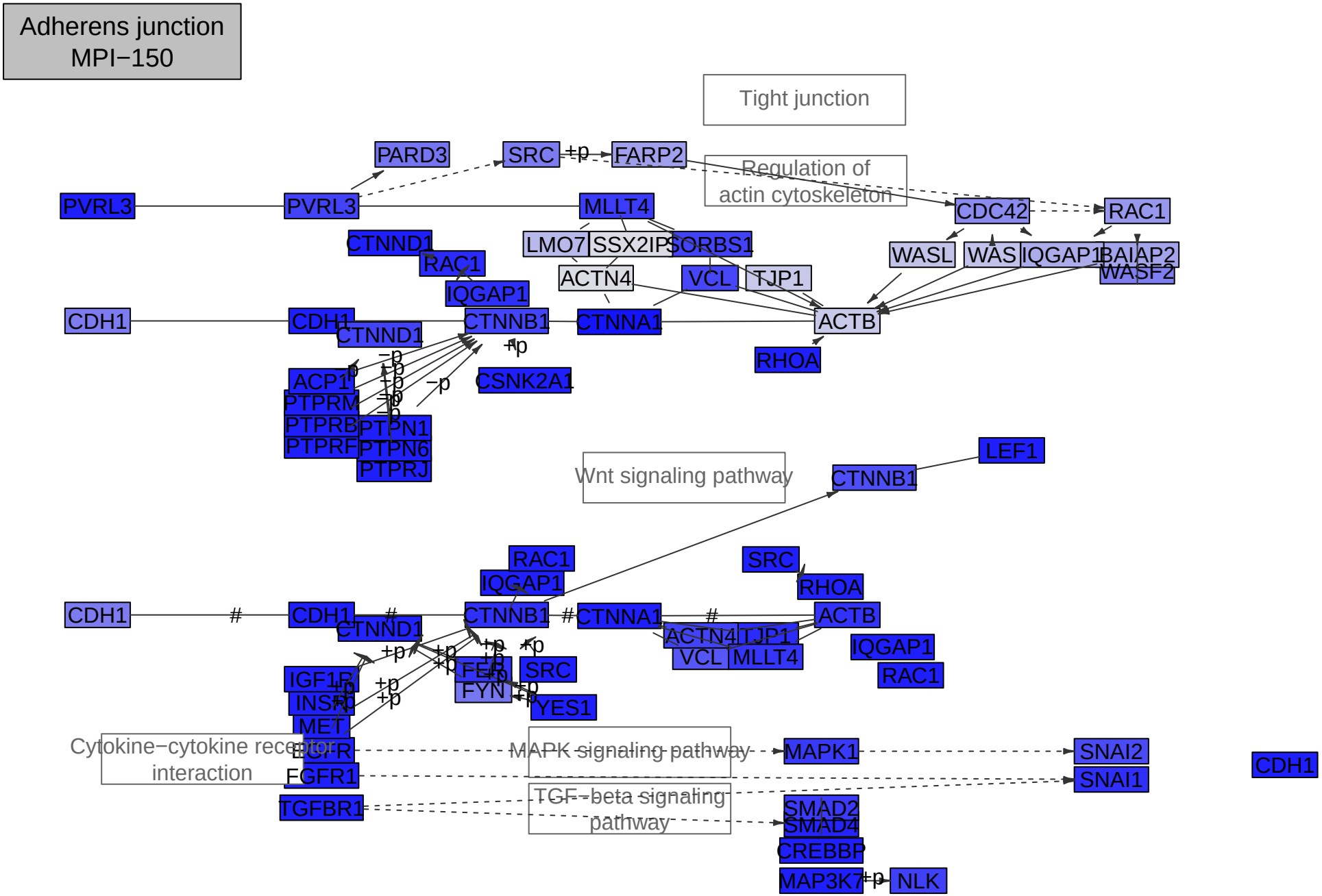
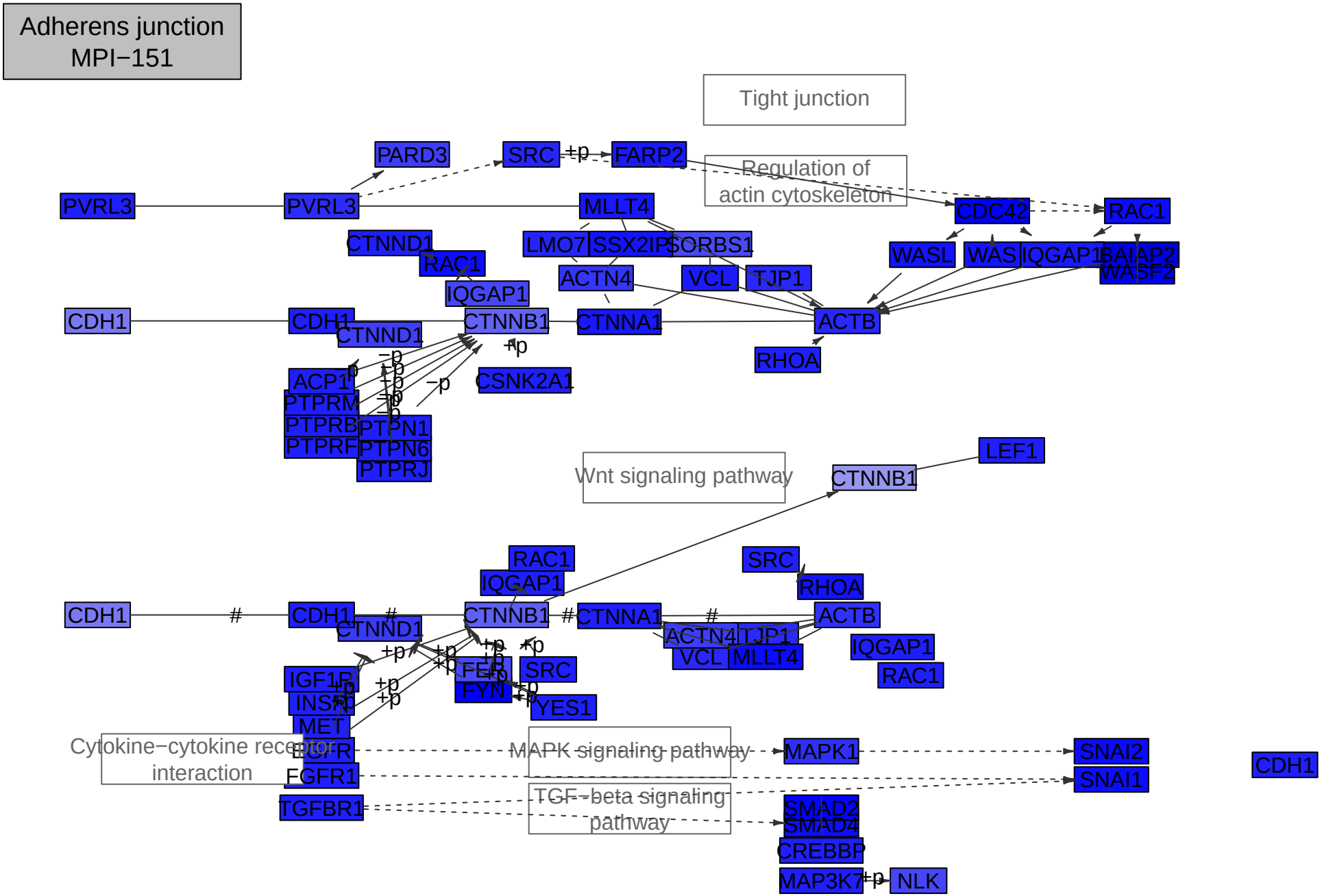
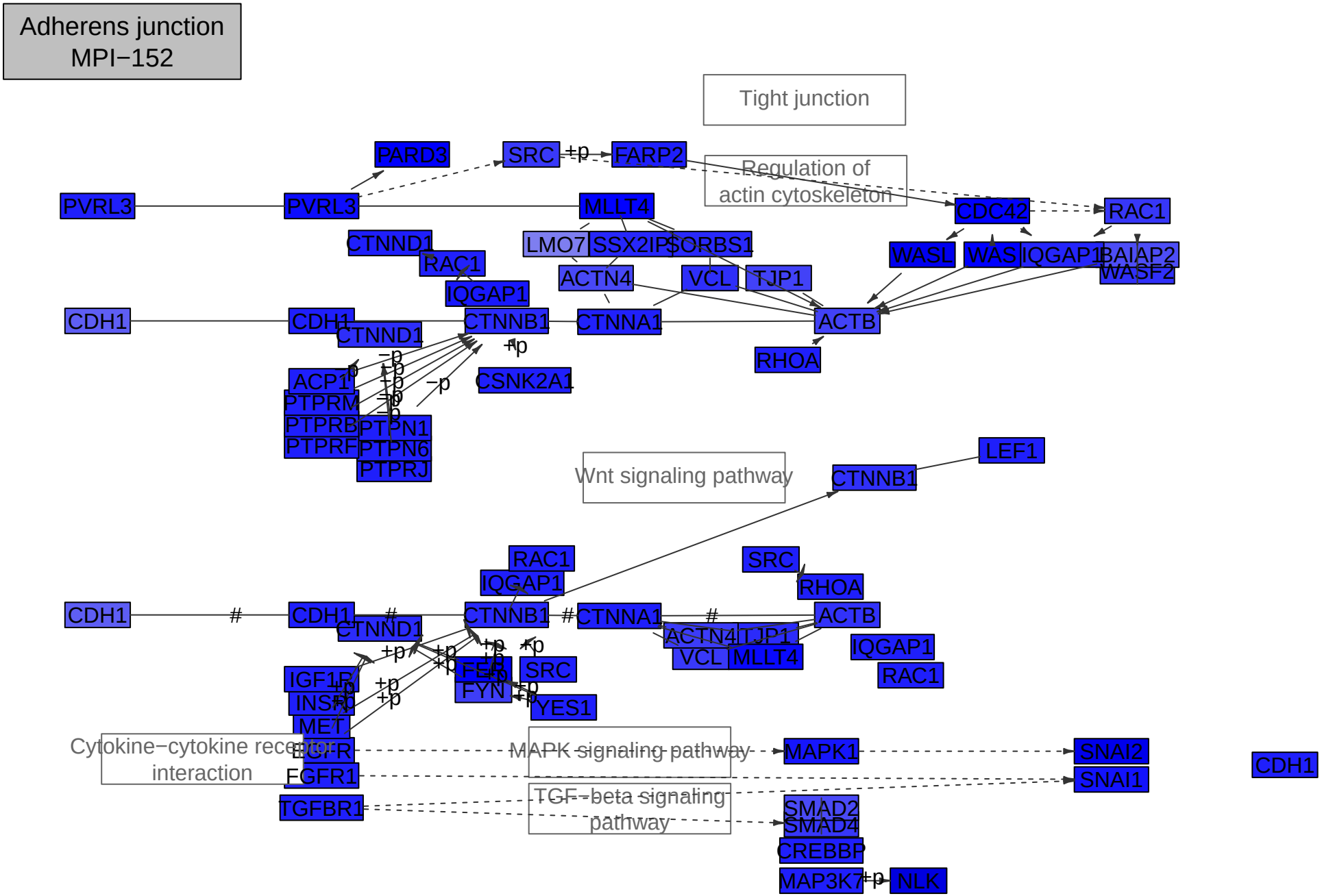
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−146
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
HGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−149
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−150
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
HGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−151
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−152
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
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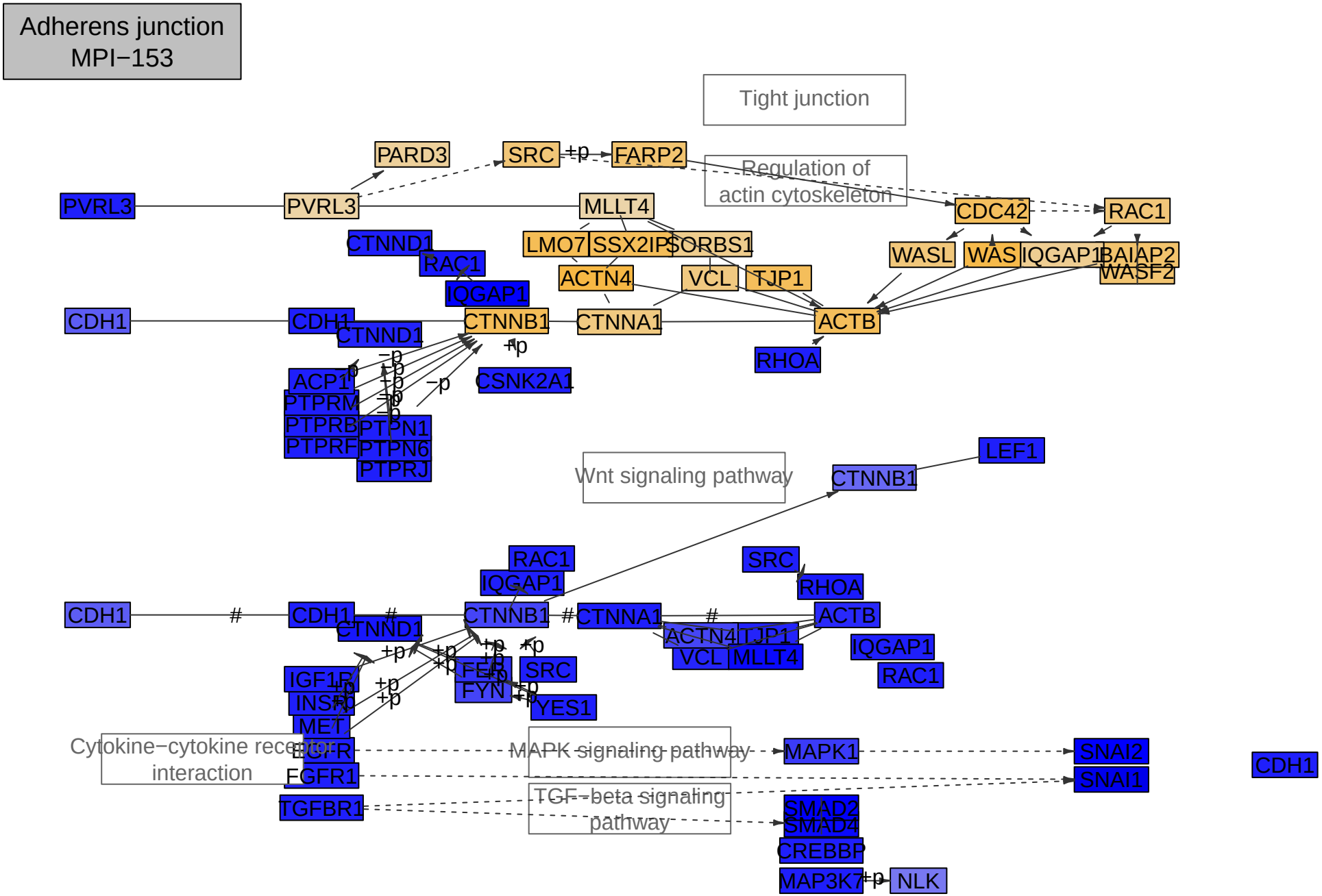
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−153
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR
MAPK1
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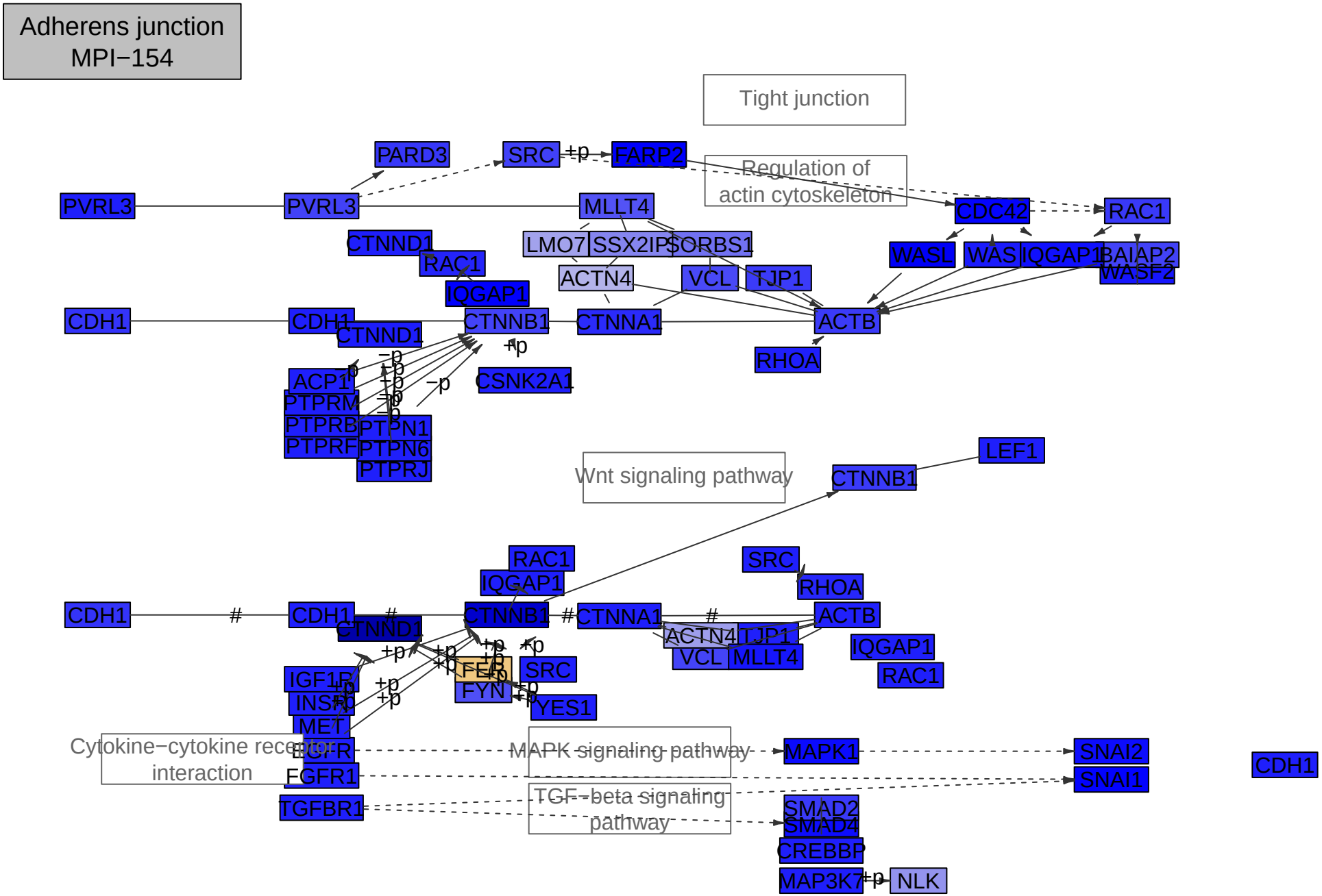
SNAI1
CDH1
EGFR1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−154
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
FER
IGF1R
INSR
MET
EGFR
FYN
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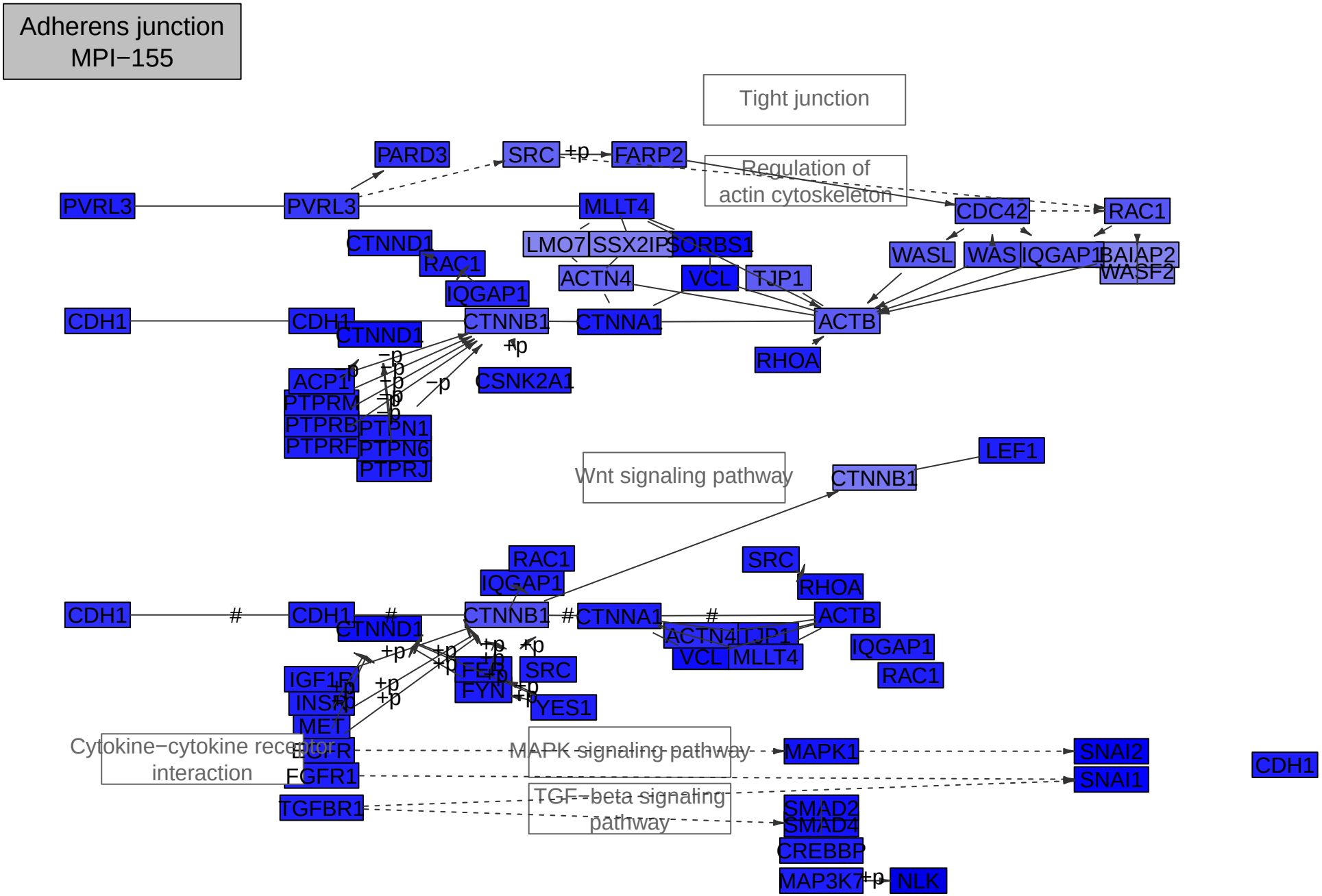
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−155
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
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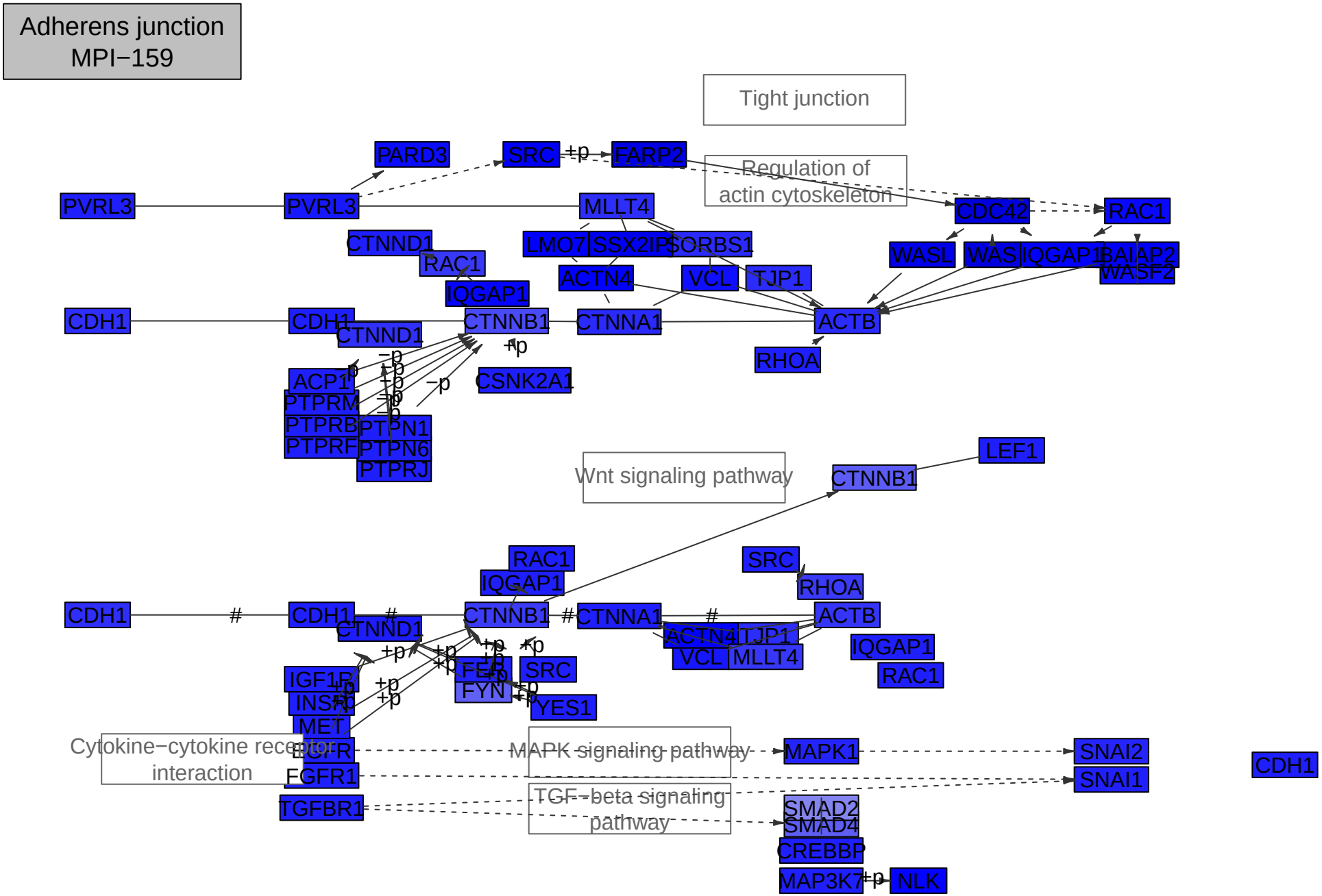
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−159
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
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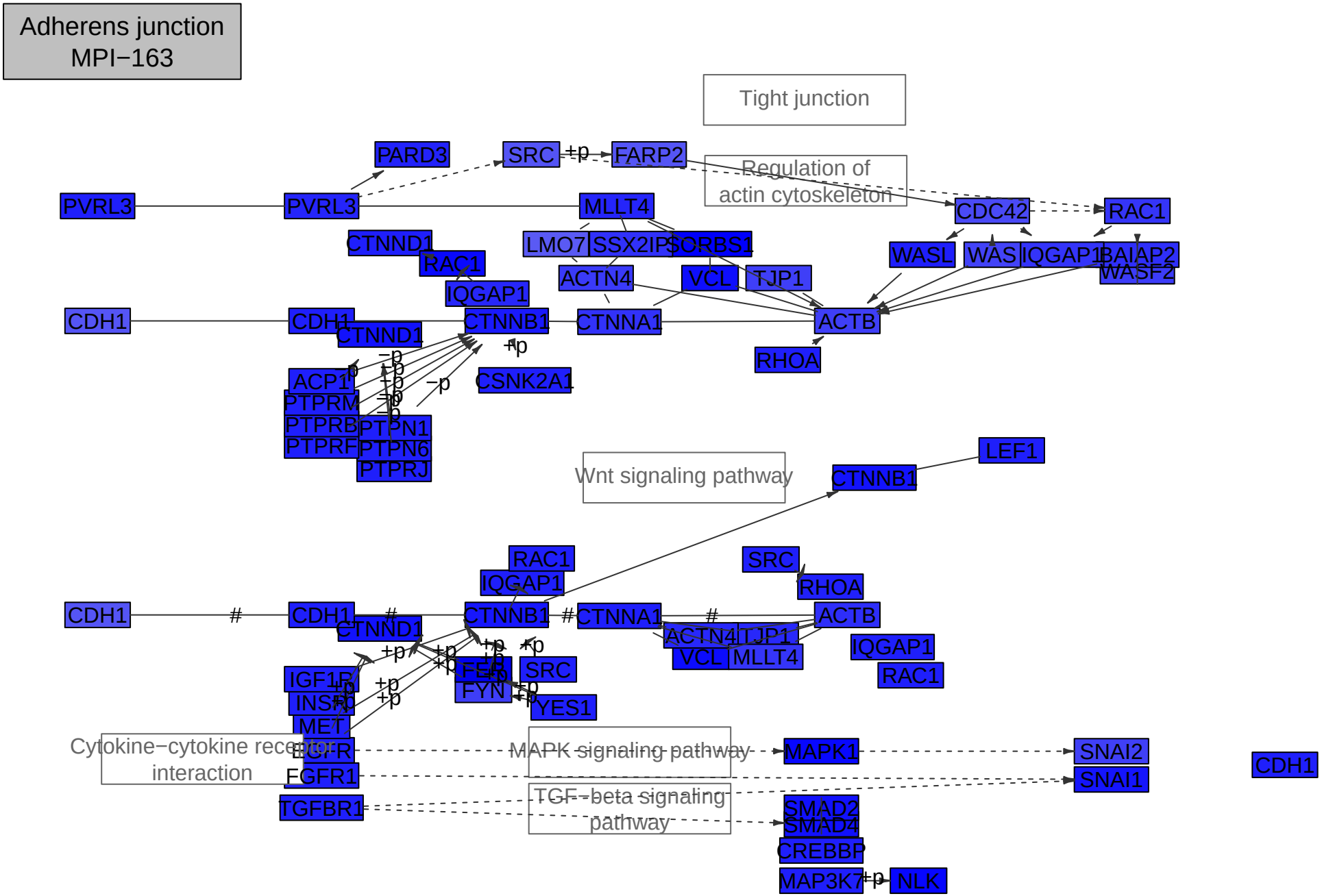
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−163
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
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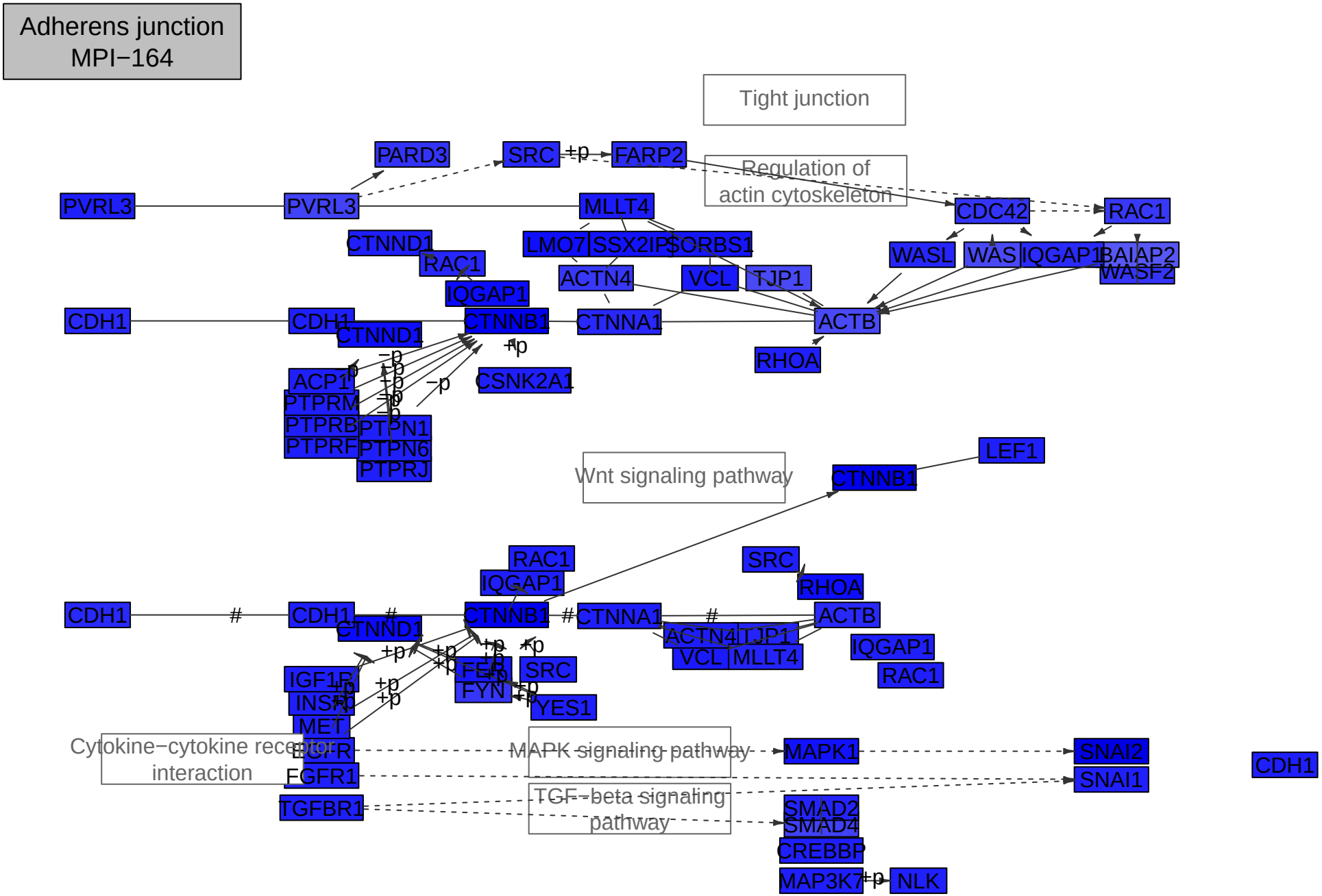
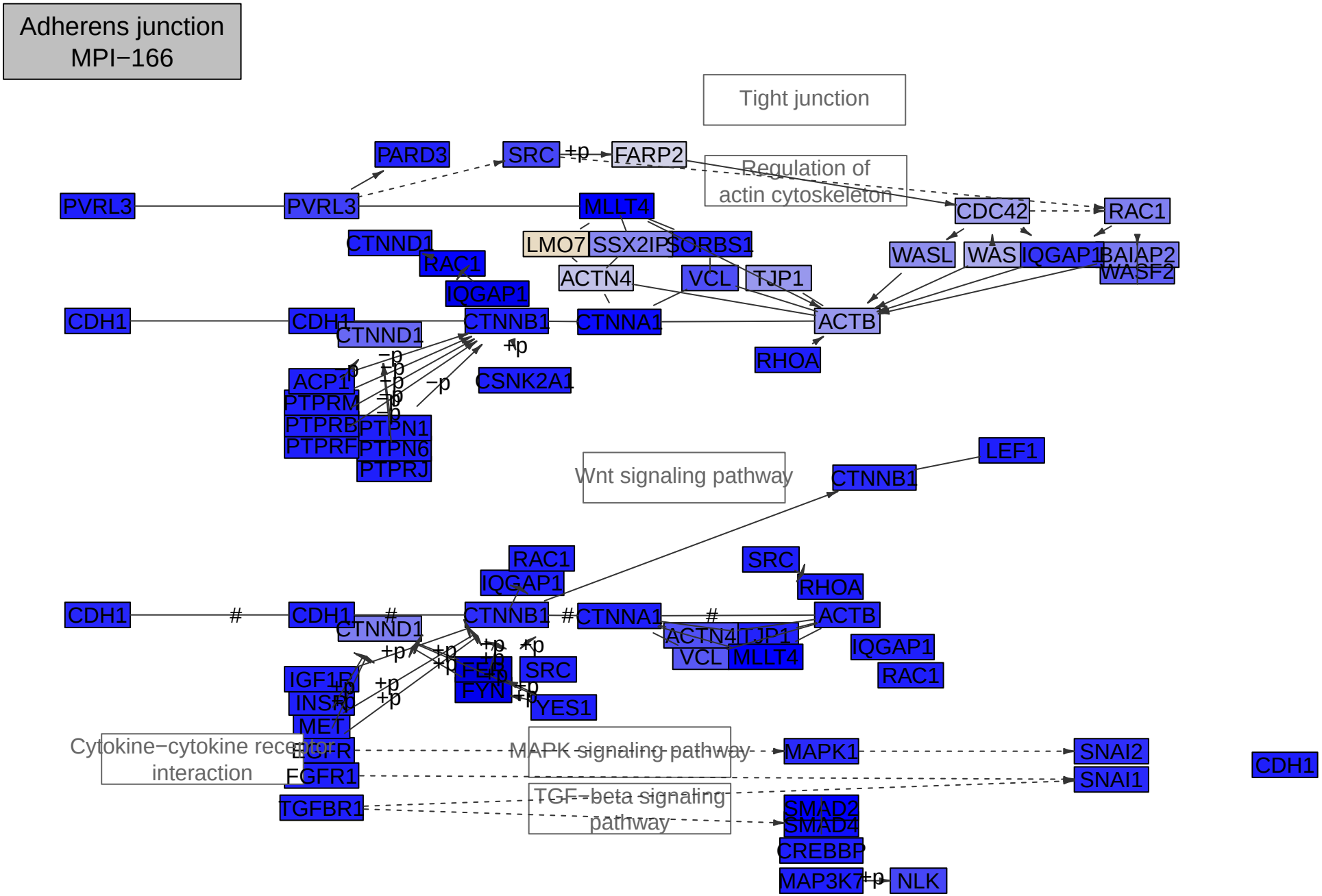
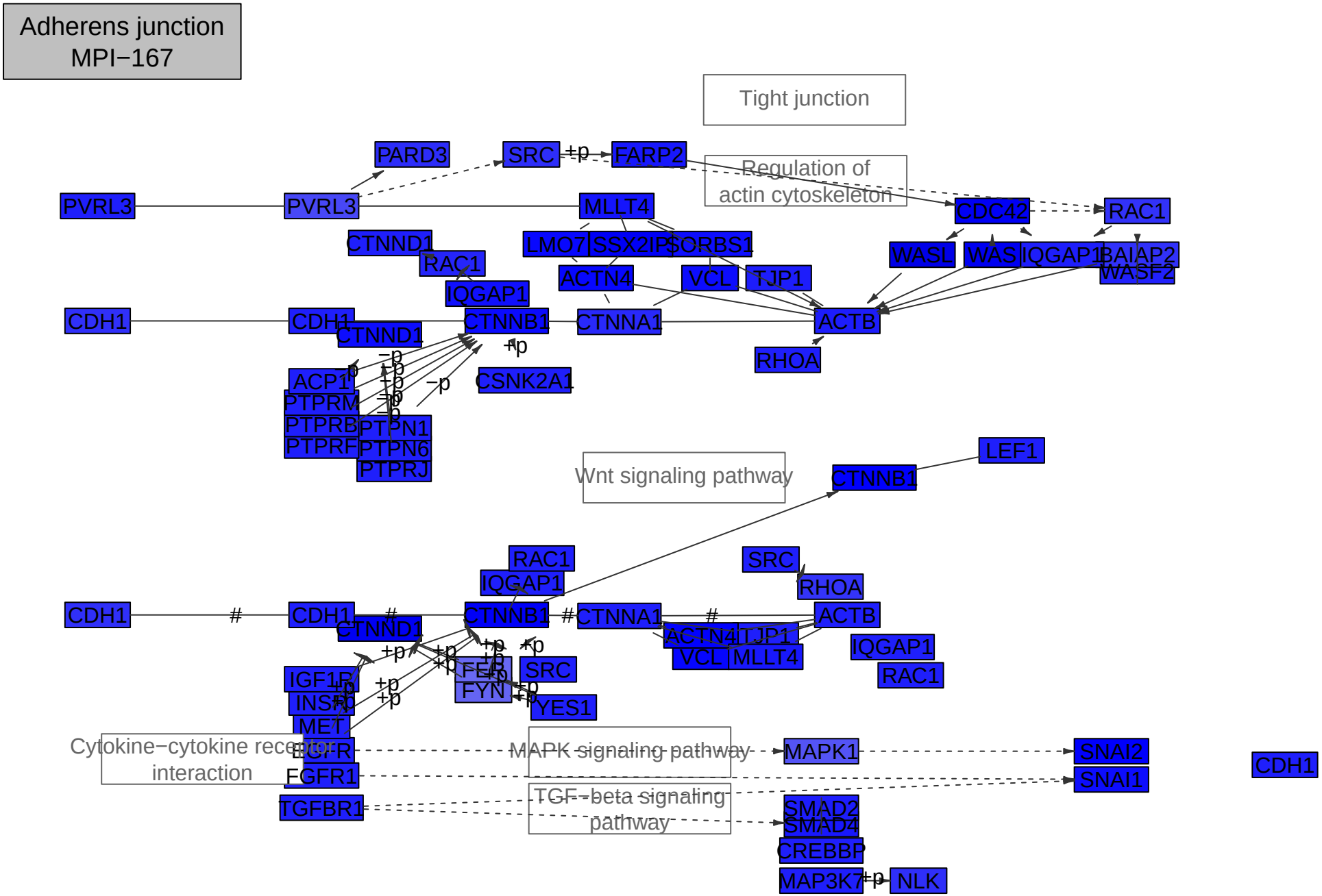
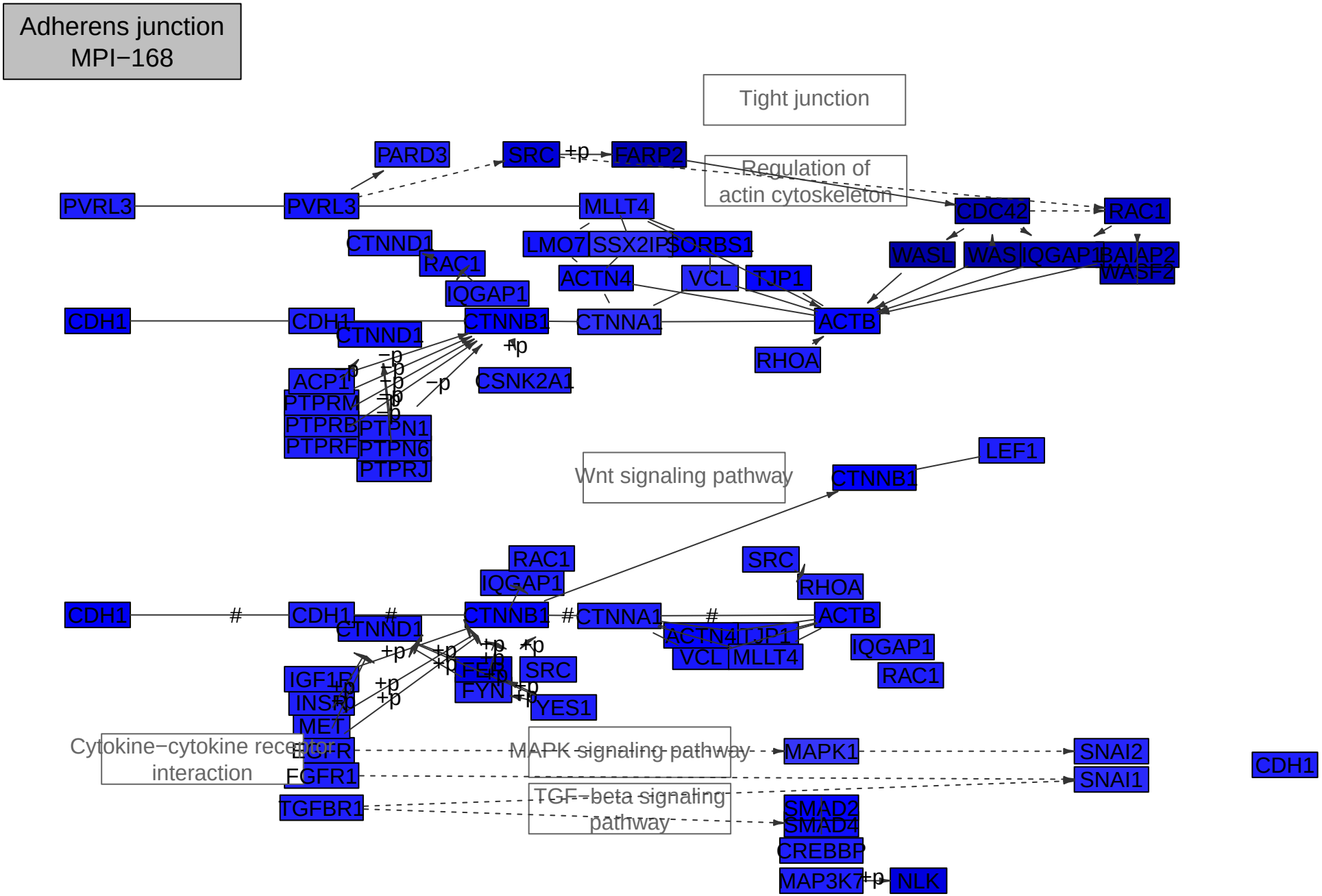
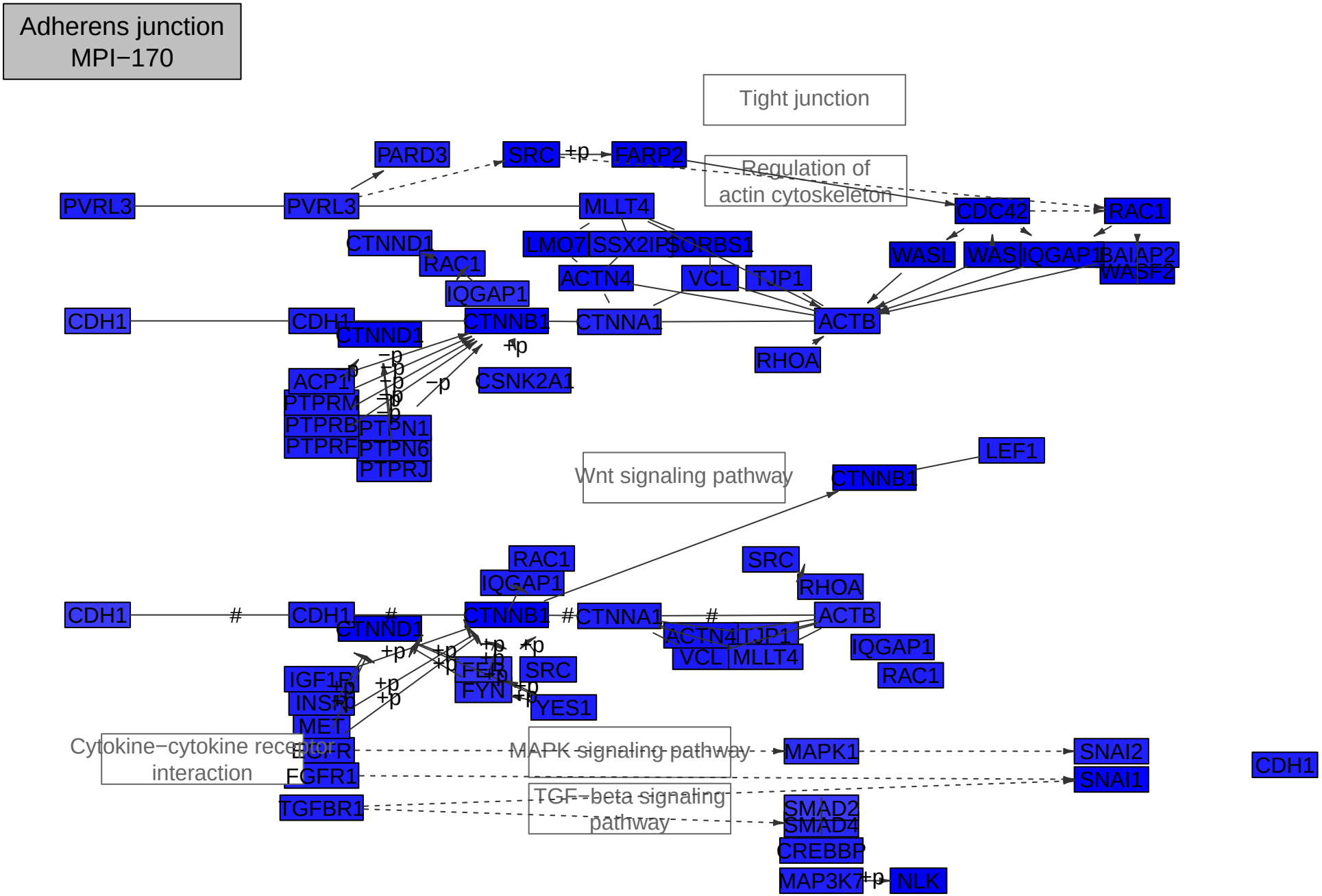
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

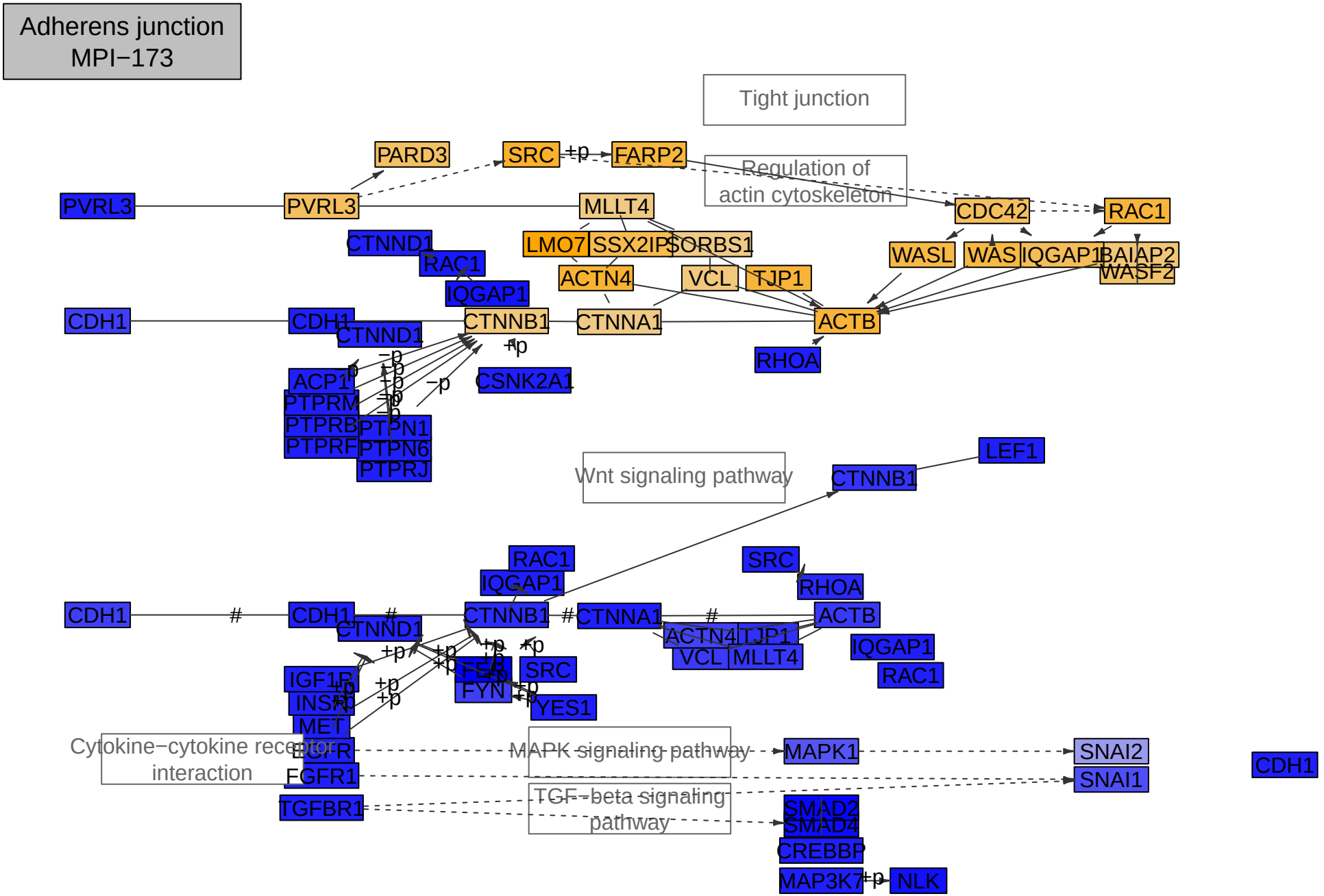

Adherens junction
MPI−164
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

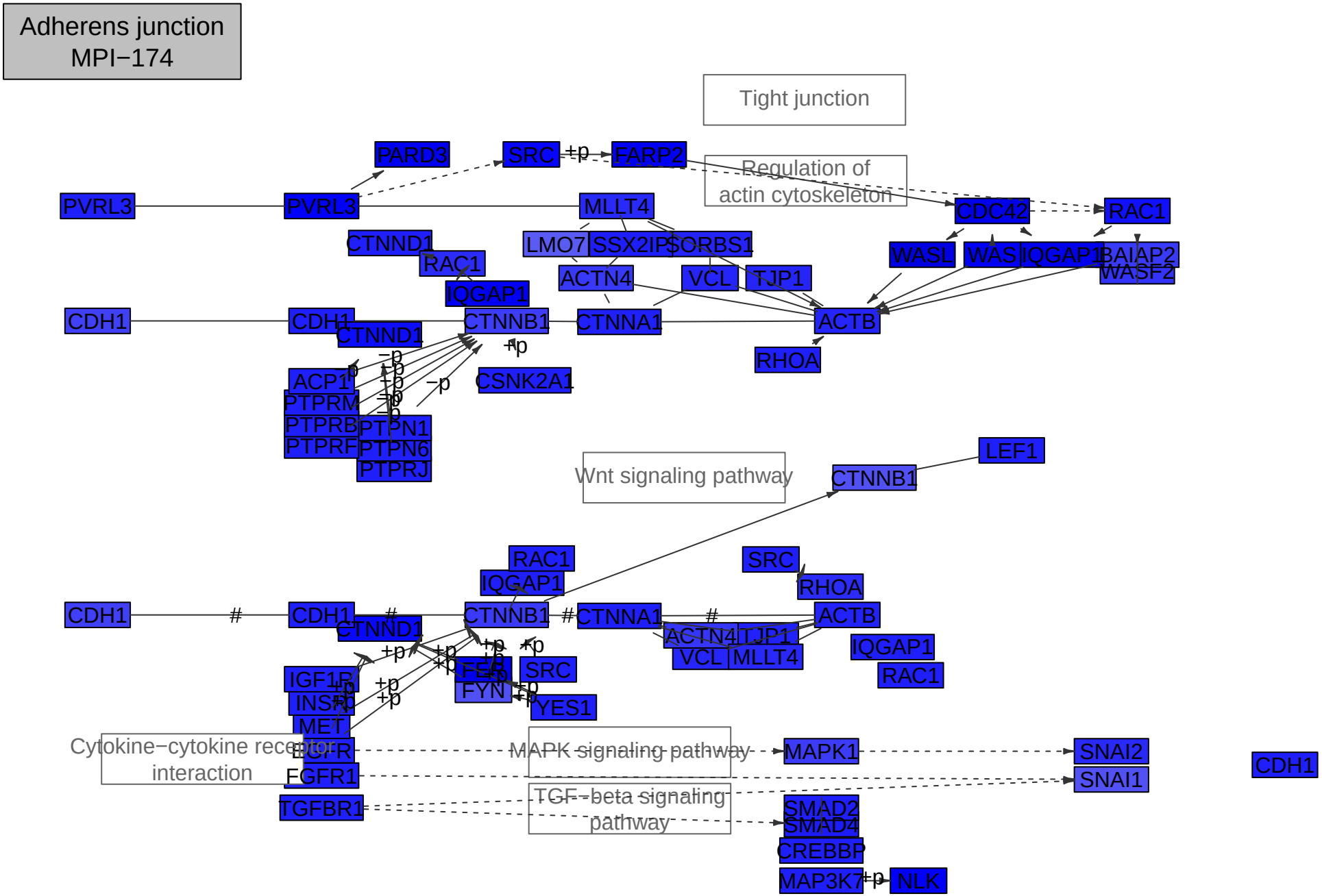

Adherens junction
MPI−166
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−167
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−168
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−170
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−173
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−174
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
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MAPK1
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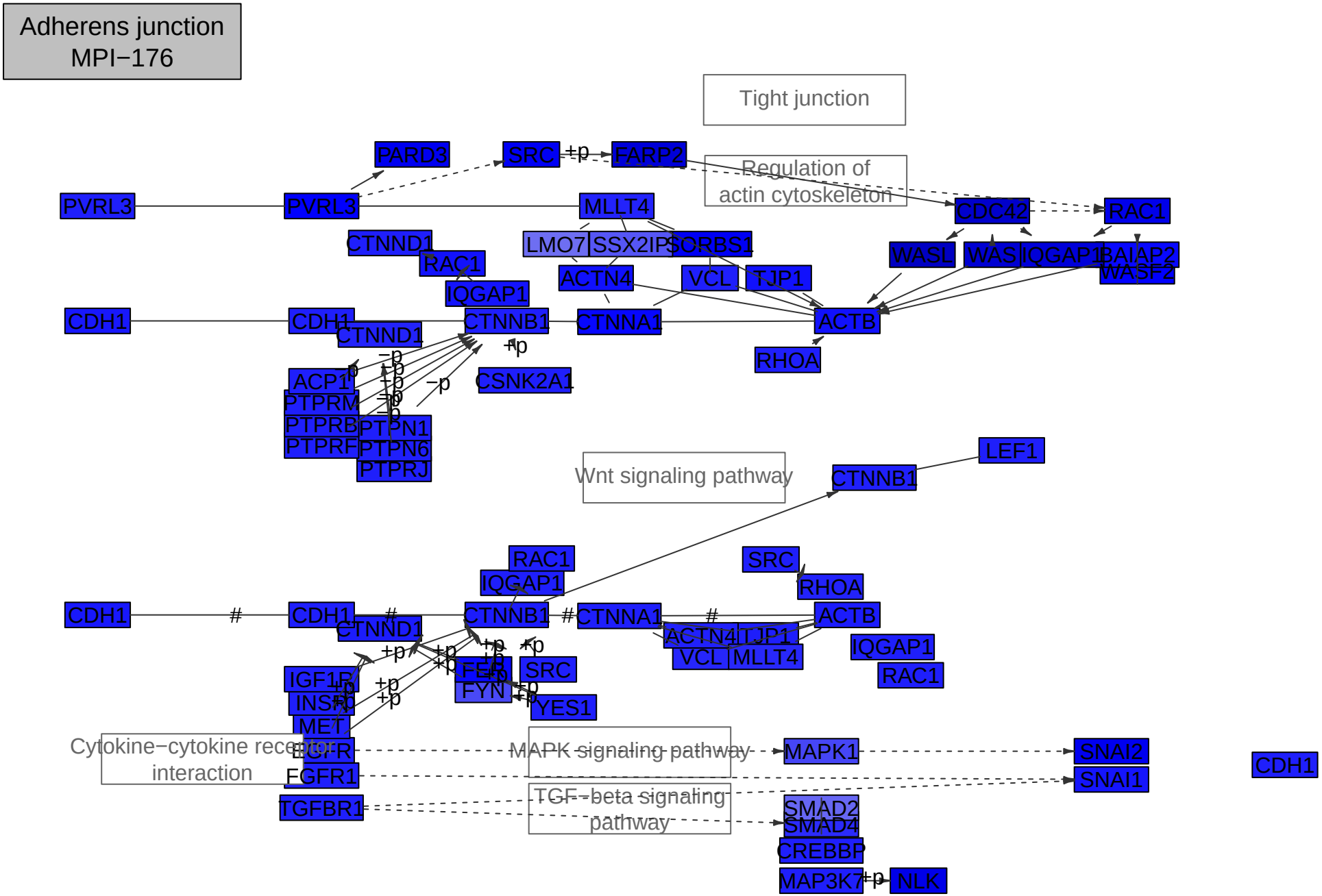
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−176
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
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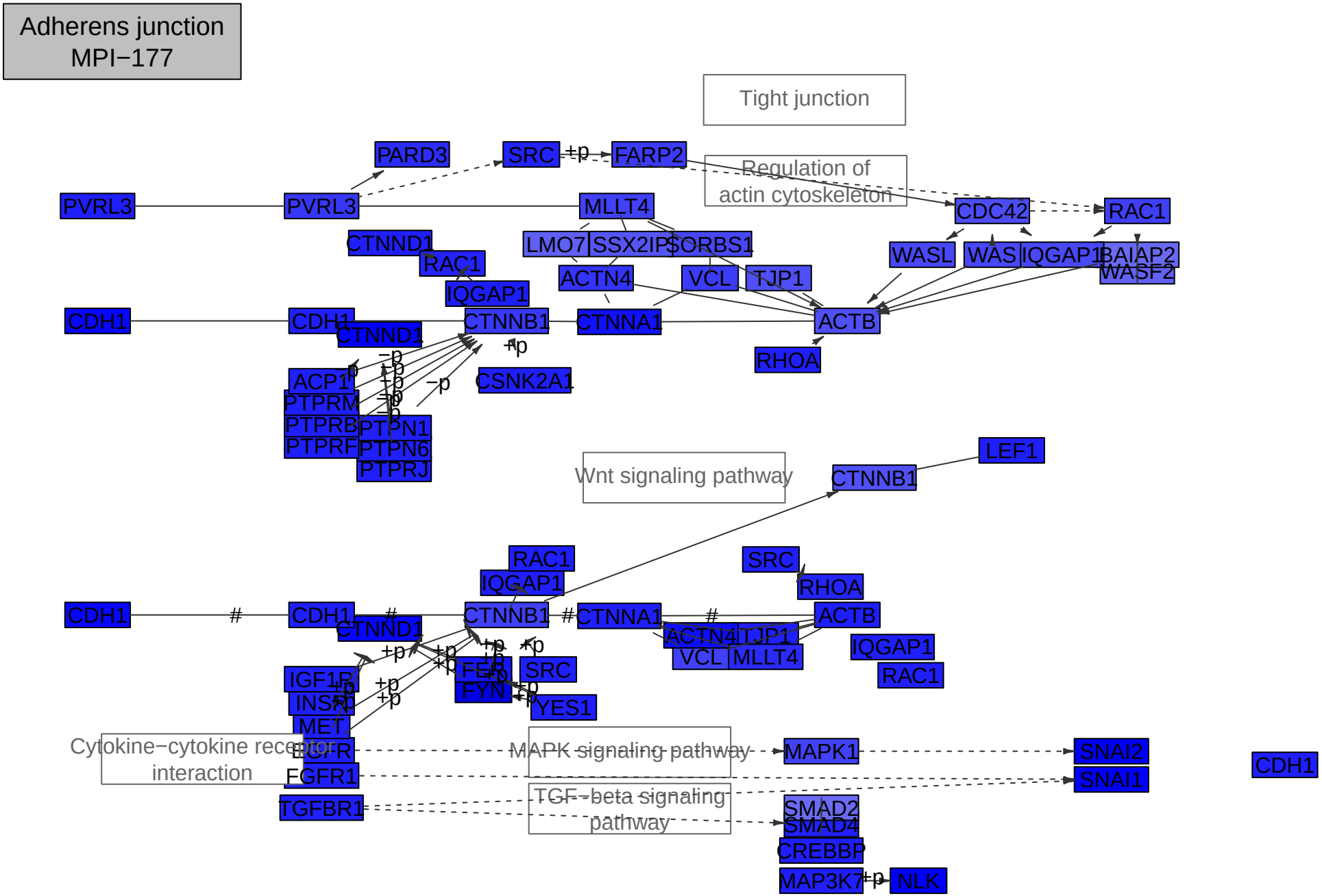
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−177
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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FYN
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MAPK1
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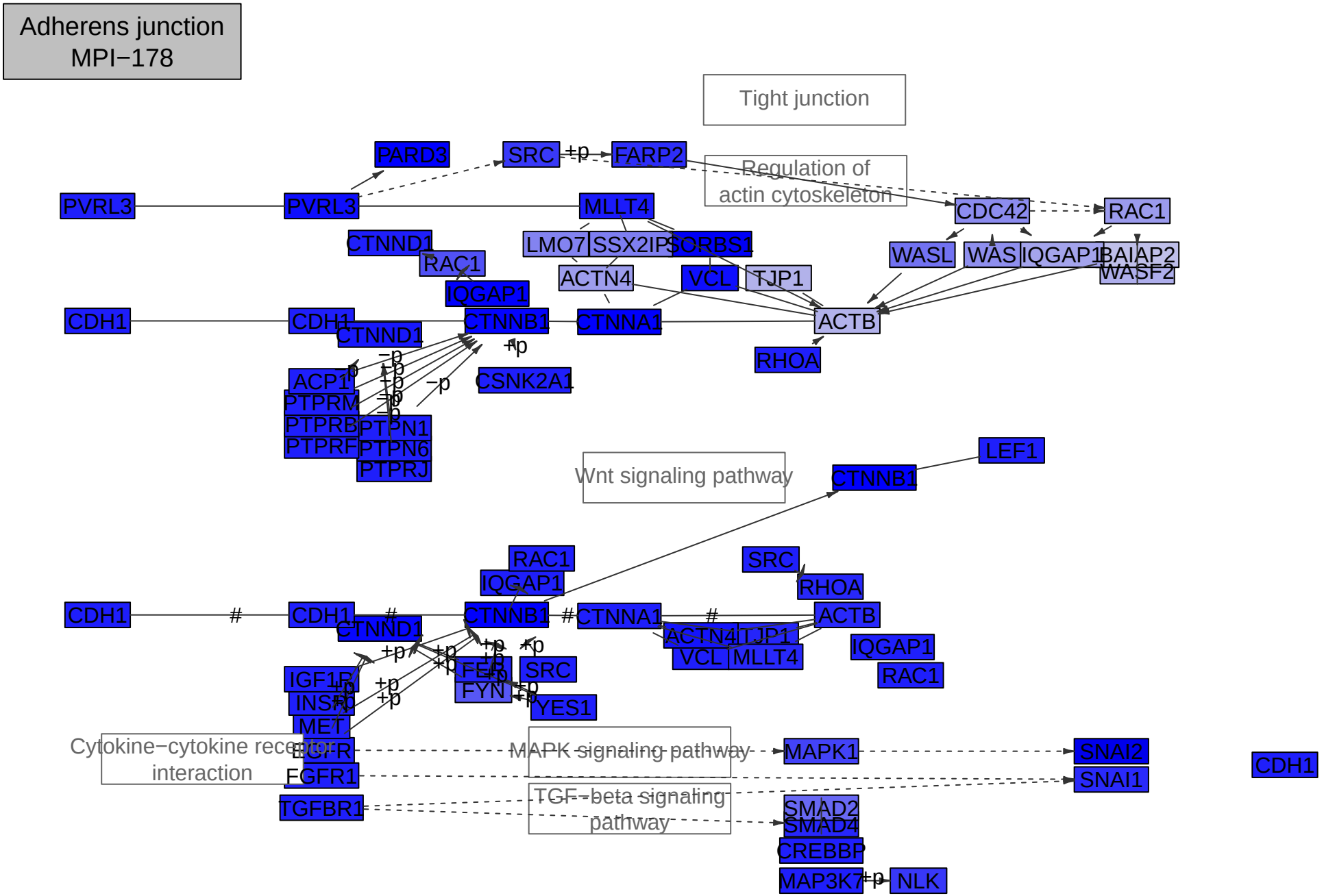
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−178
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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MAPK1
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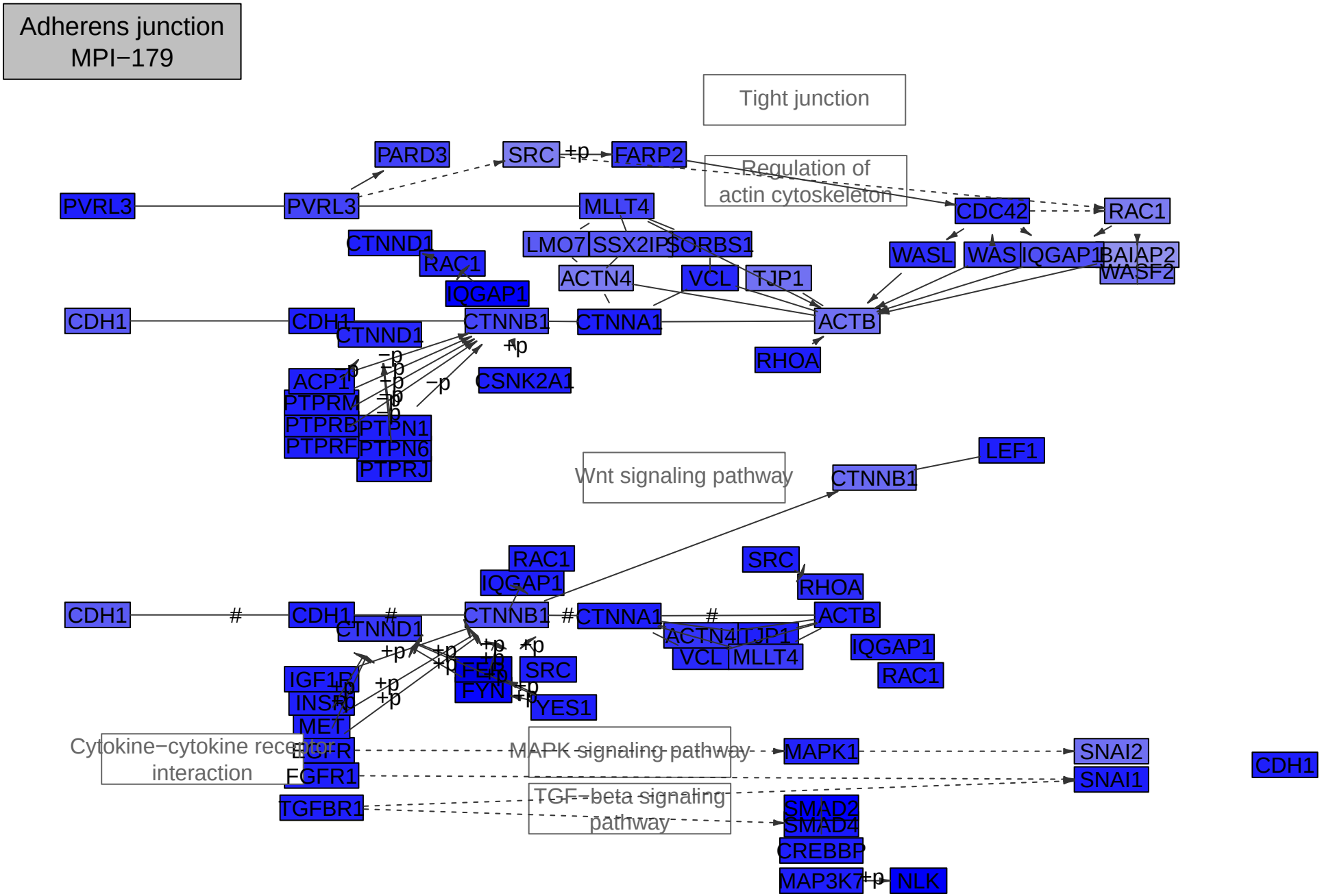
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−179
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
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IQGAP1
BAIAP2
WASF2
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TJP1
CDH1
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ACP1
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PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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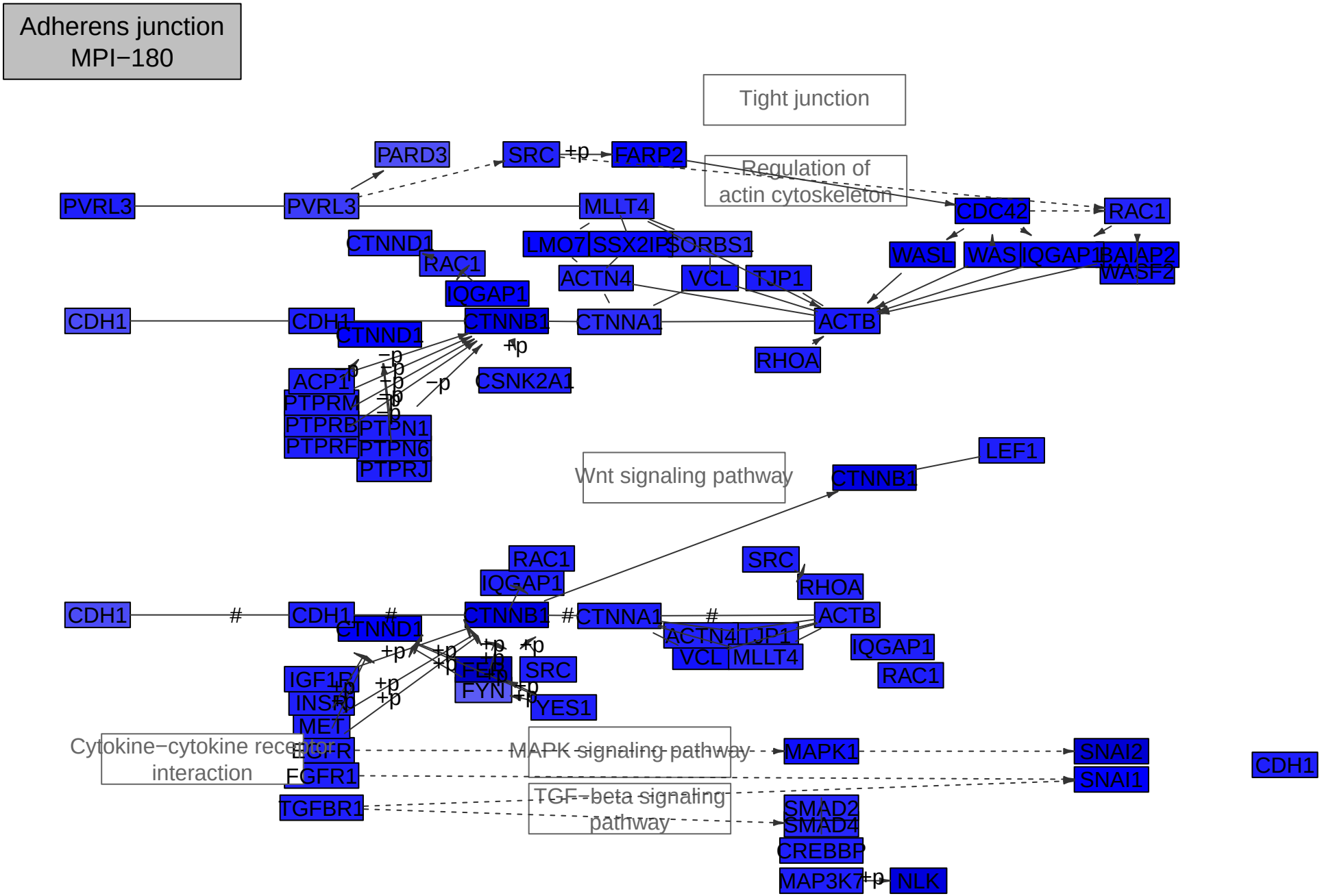
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−180
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
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PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
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MAPK1
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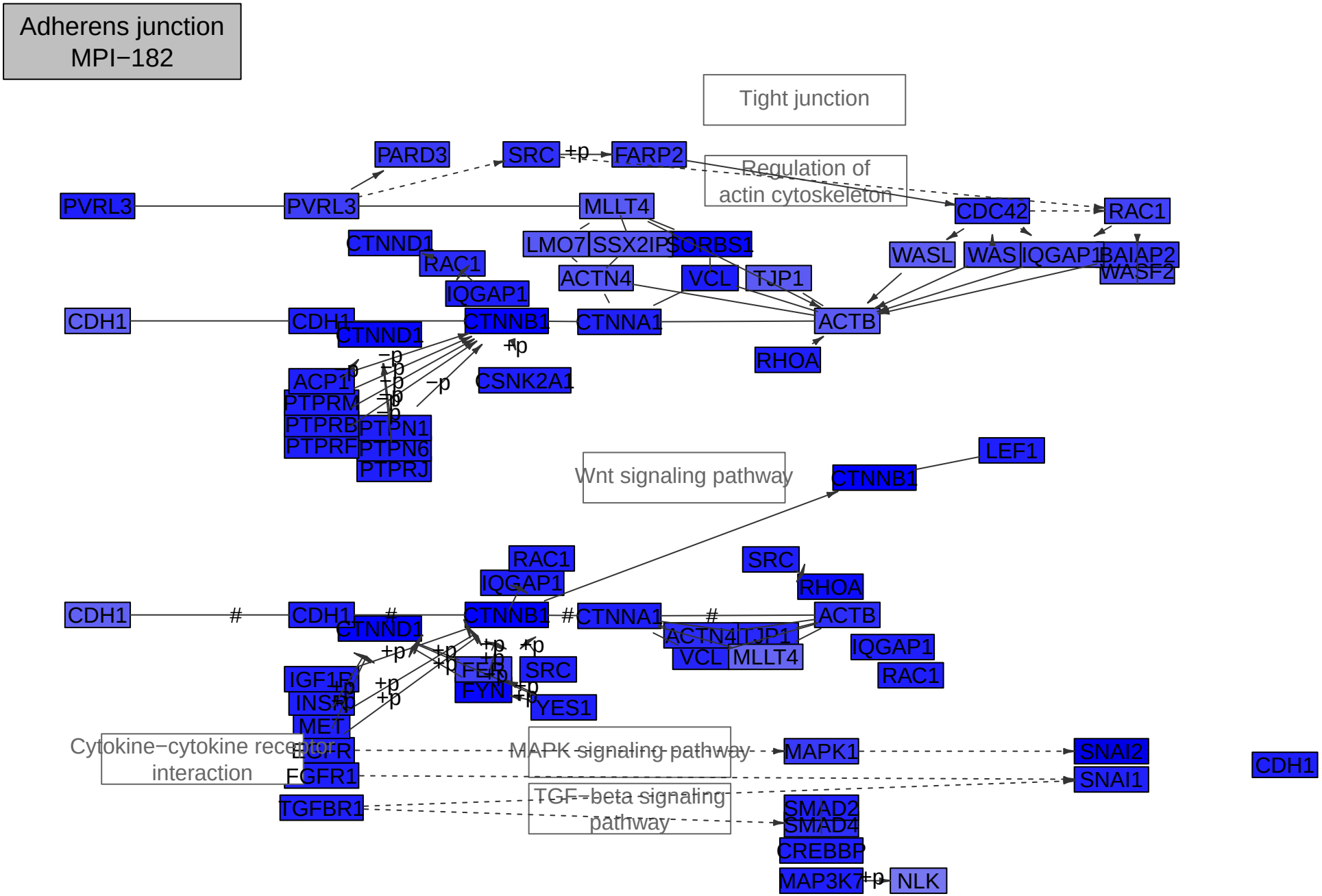
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−182
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
CDC42
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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MAPK1
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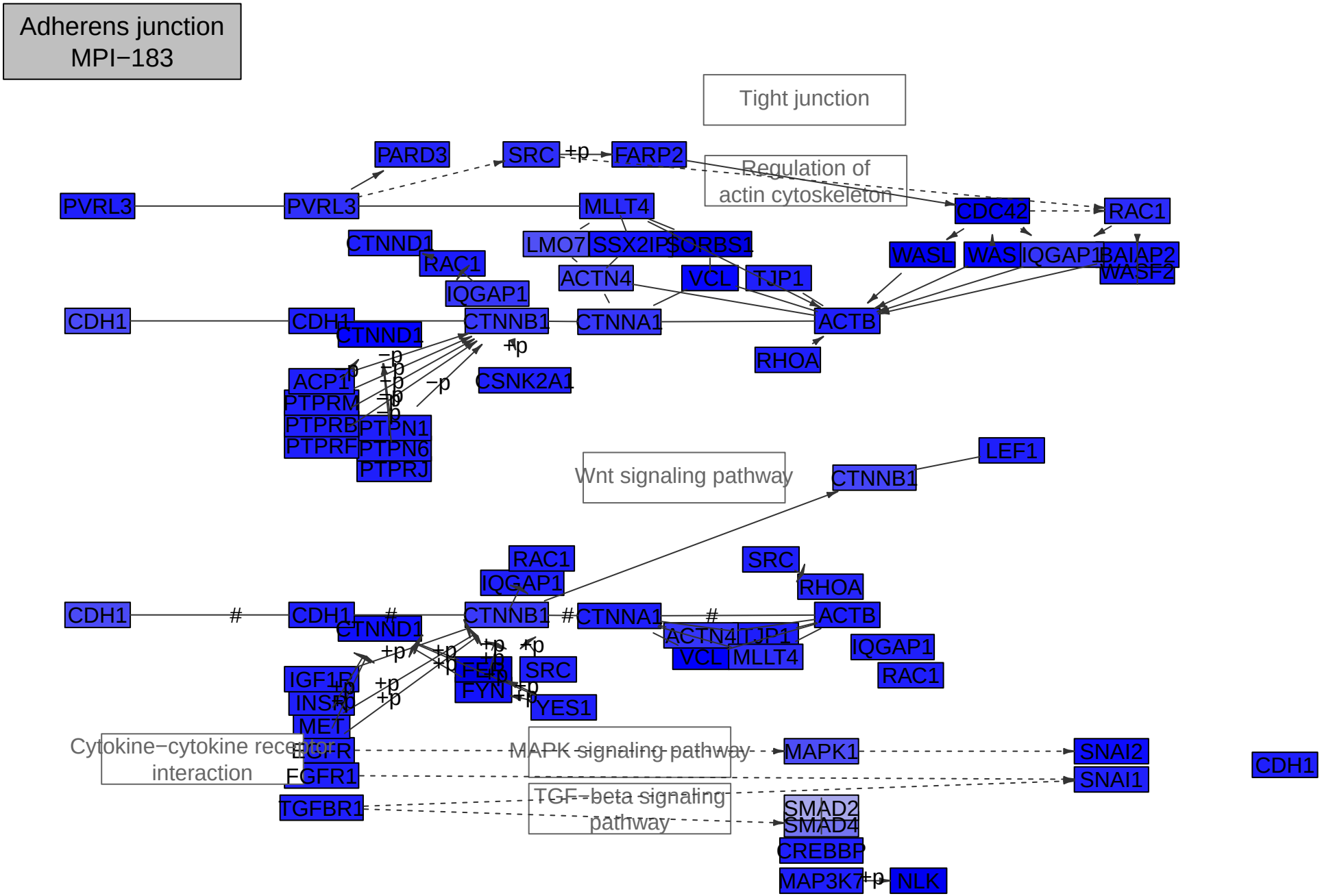
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−183
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
IQGAP1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
RAC1
SRC
RHOA
IQGAP1
MLLT4
IGF1R
INSR
MET
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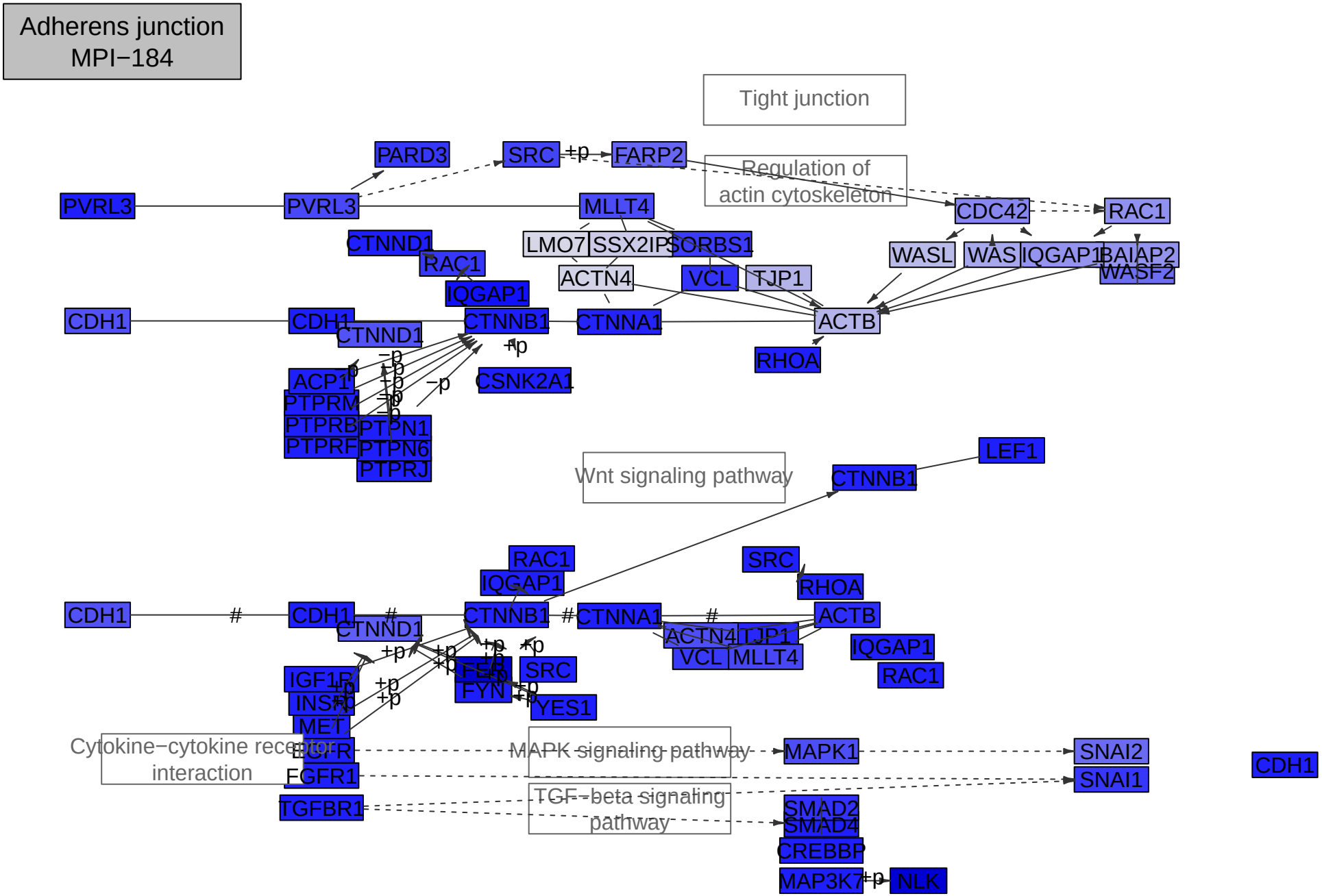
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−184
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
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PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
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WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
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ACP1
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PTPRB
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PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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SMAD2
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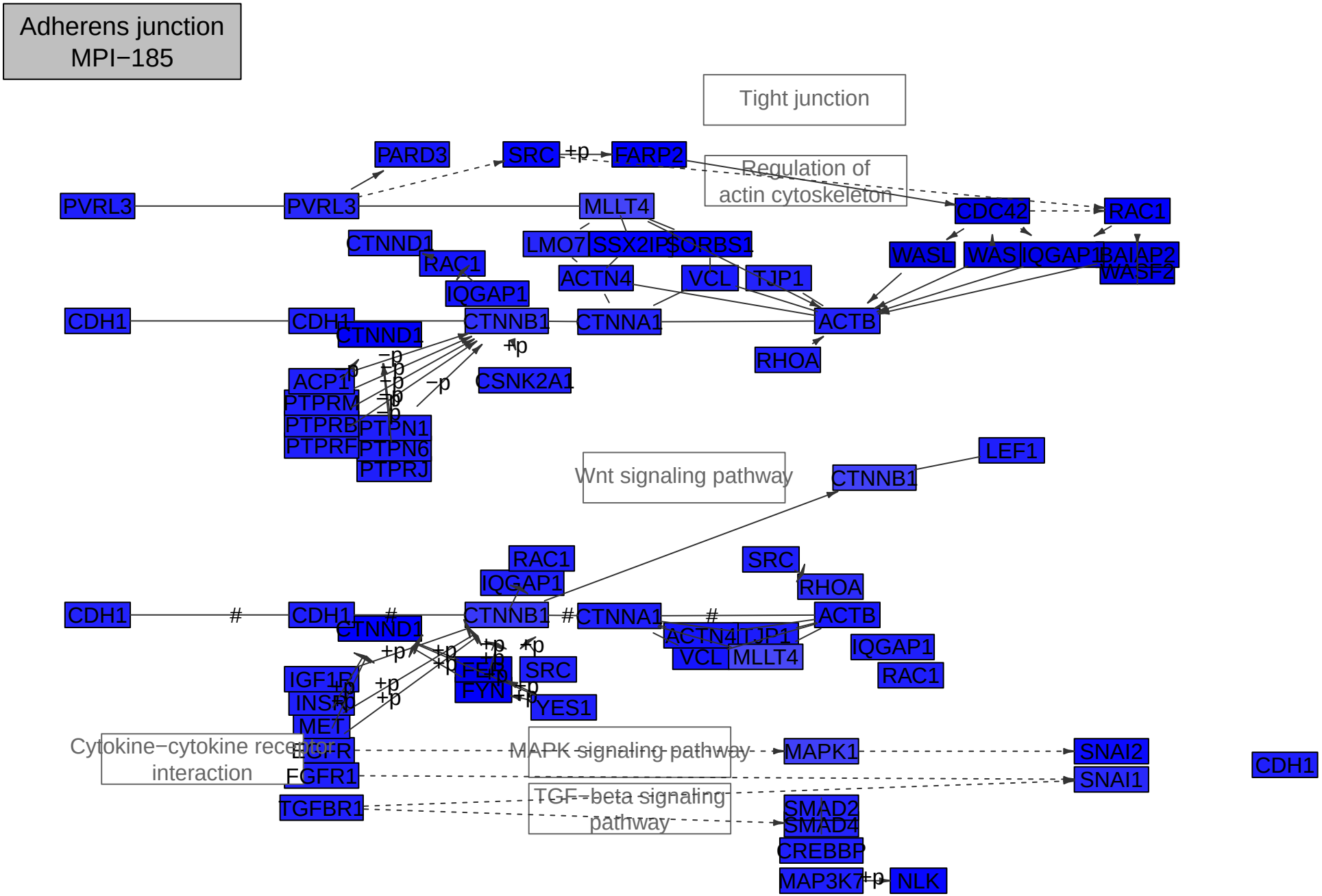
Adherens junction
MPI−185
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
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BAIAP2
WASF2
ACTN4
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IQGAP1
CDH1
CTNNB1
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ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
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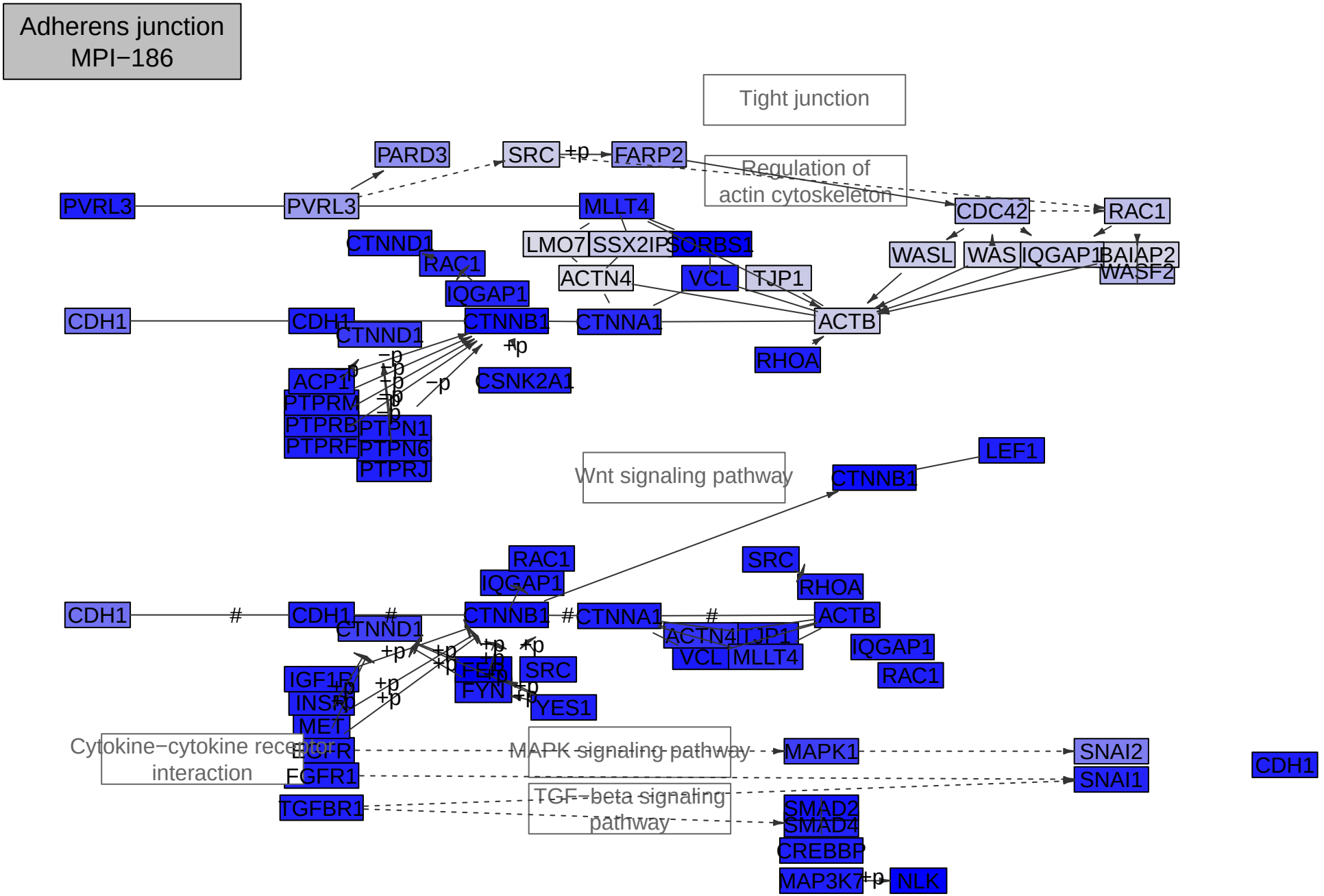
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−186
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
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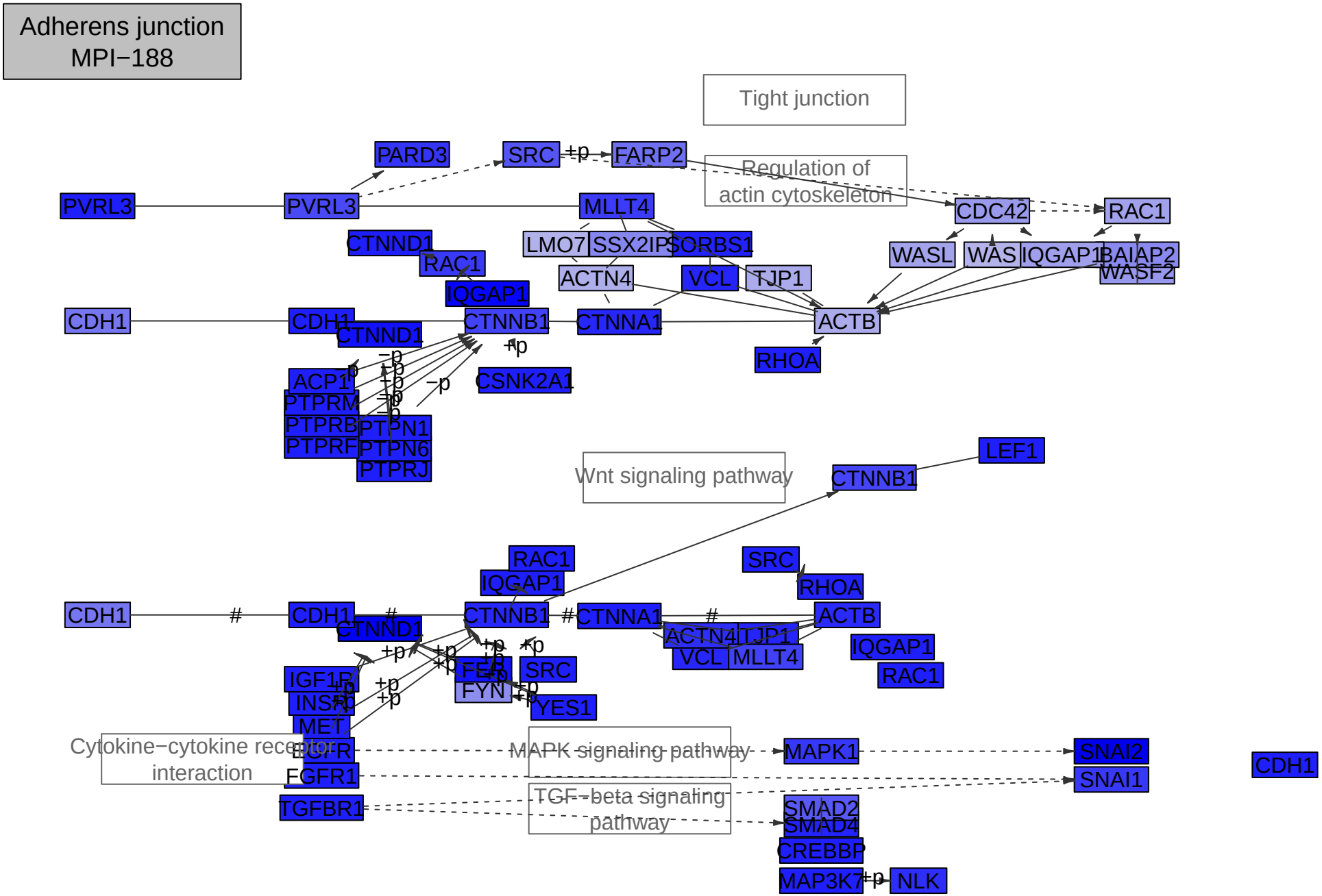

Adherens junction
MPI−188
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
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SRC
FARP2
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MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
WASL
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IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
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PTPN1
PTPN6
PTPRJ
LEF1
IGF1R
INSR
MET
FGFR
FGFR1
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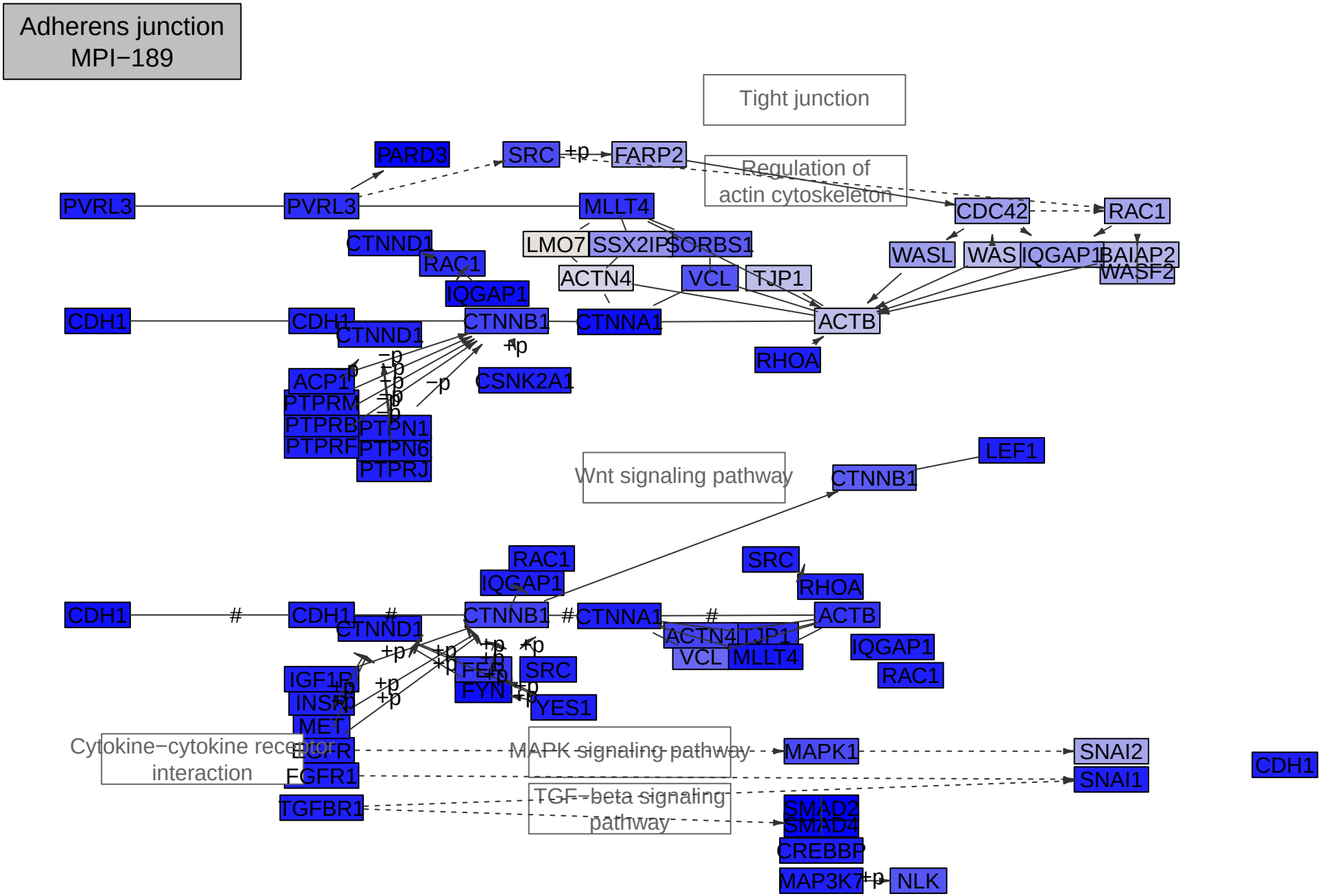
Adherens junction
MPI−189
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
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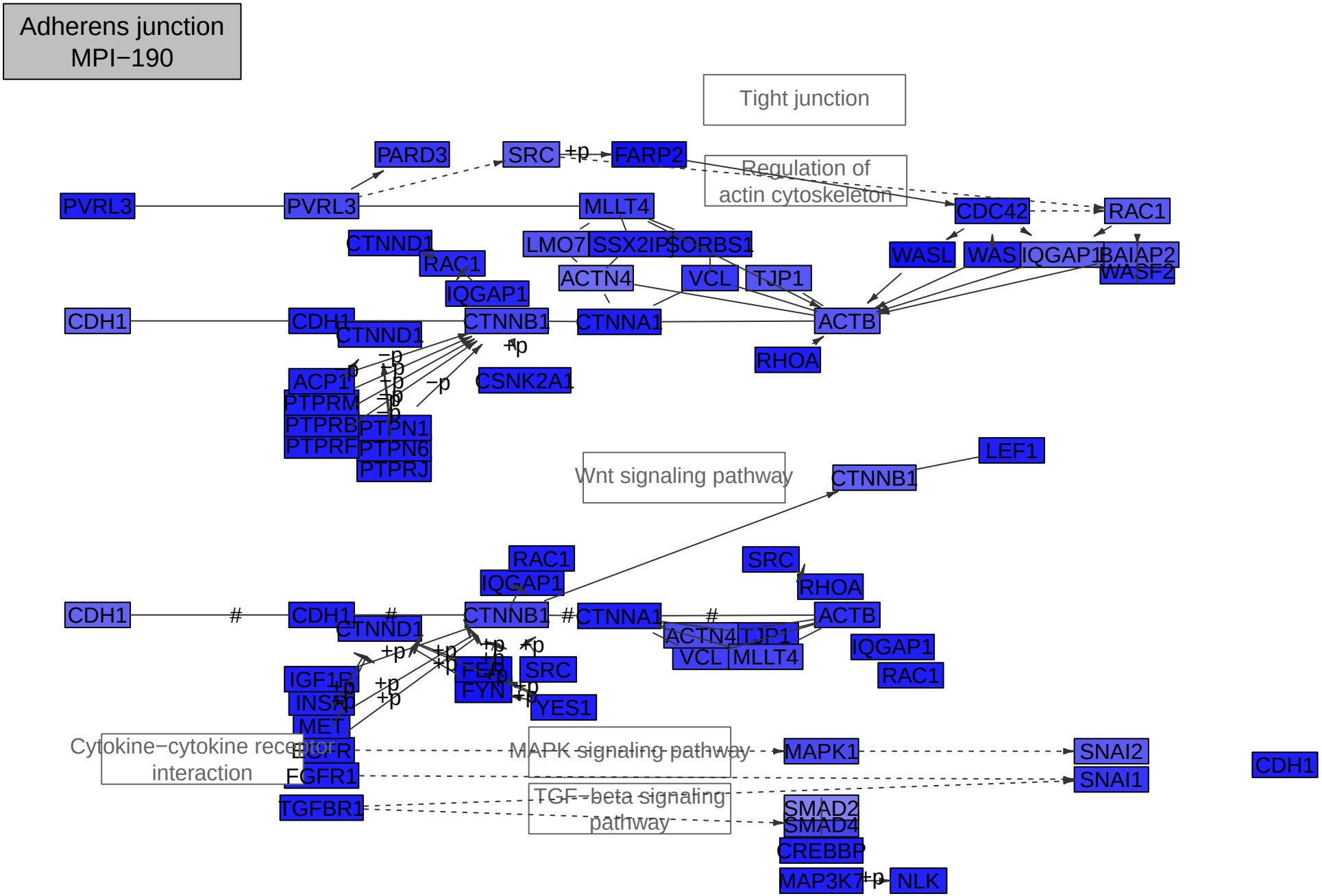
Adherens junction
MPI−190
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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MAP3K7
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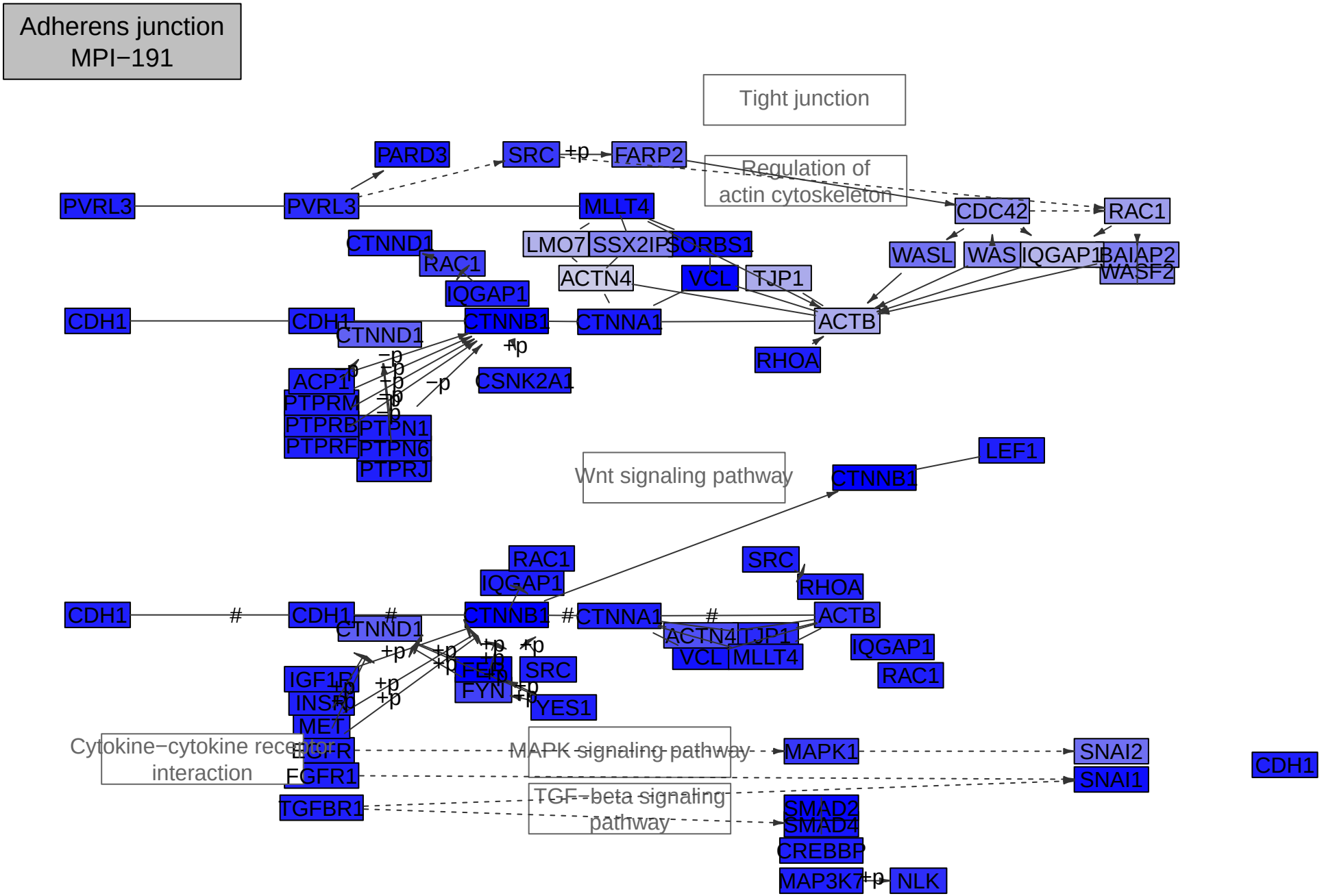
Adherens junction
MPI−191
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
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PVRL3
PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
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ACTB
CTNND1
RHOA
ACP1
CSNK2A1
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PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
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IGF1R
FES
SRC
INSR
FYN
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SNAI1
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SMAD2
SMAD4
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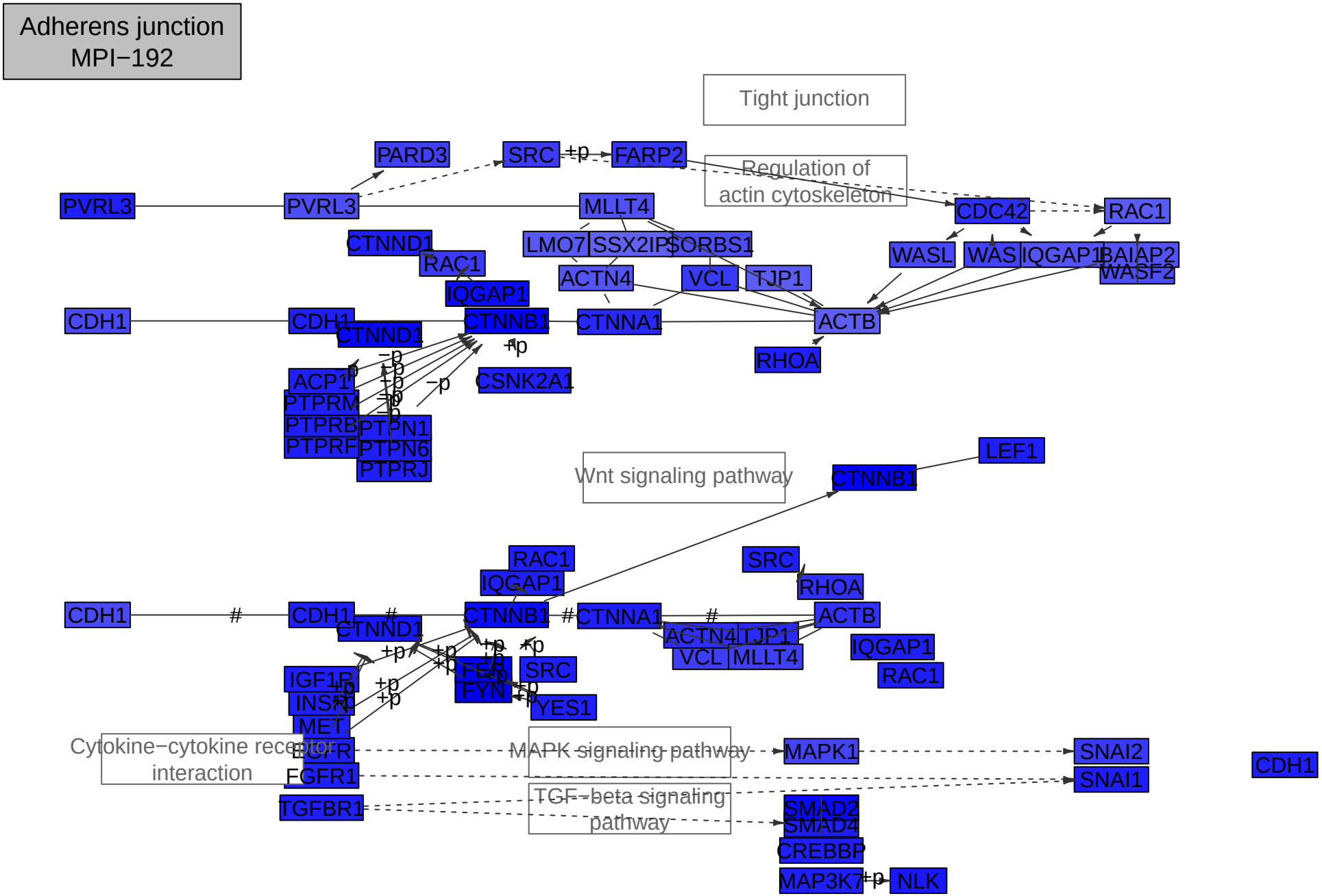
MAP3K7
NLK


Adherens junction
MPI−192
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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PVRL3
MLLT4
CDC42
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CTNND1
LMO7
SSX2IP
ORBS1
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WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
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CDH1
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CTNNA1
ACTB
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ACP1
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PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
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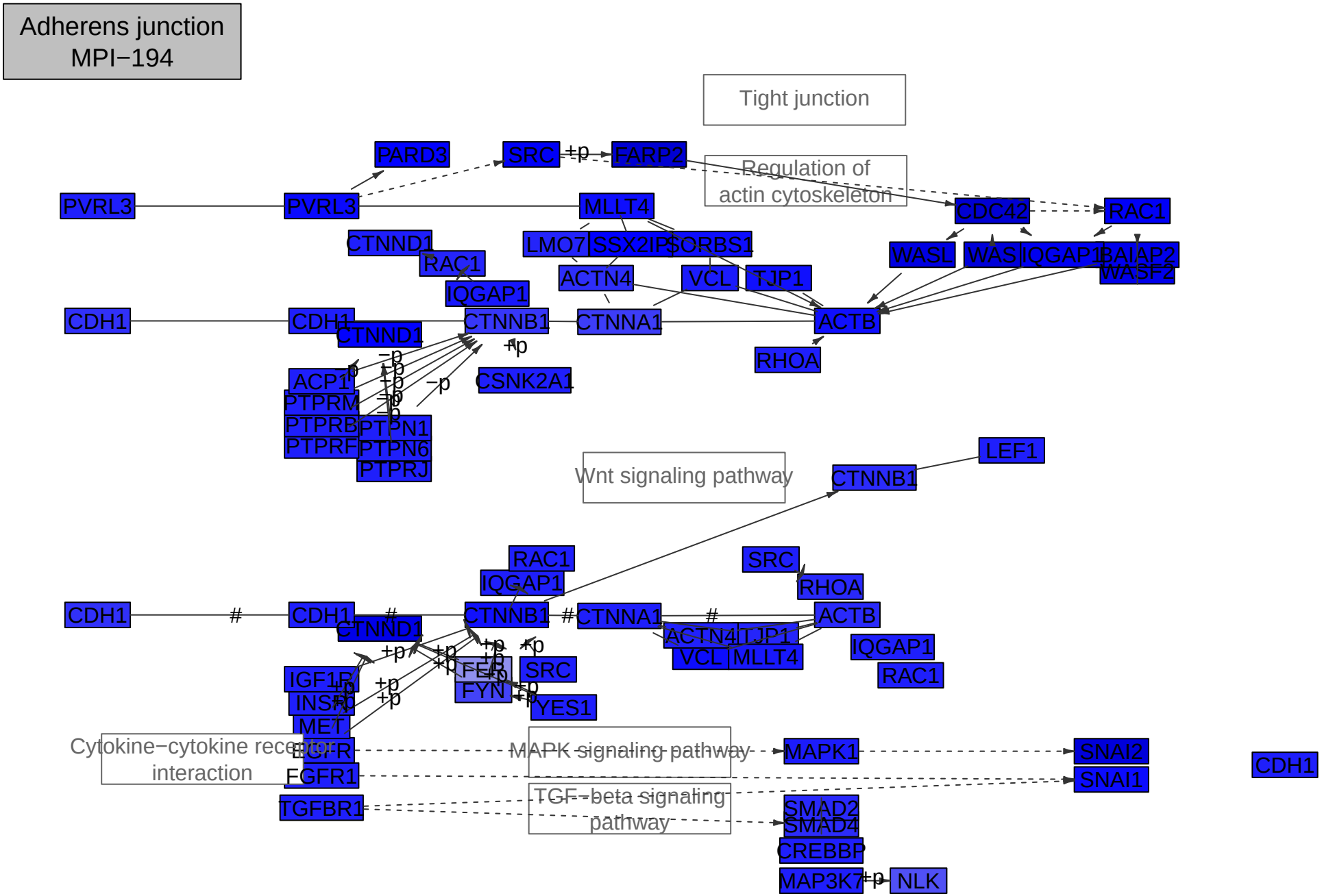
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−194
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
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FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
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ACTB
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RHOA
ACP1
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PTPN1
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CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
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ACTN4
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IQGAP1
VCL
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RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
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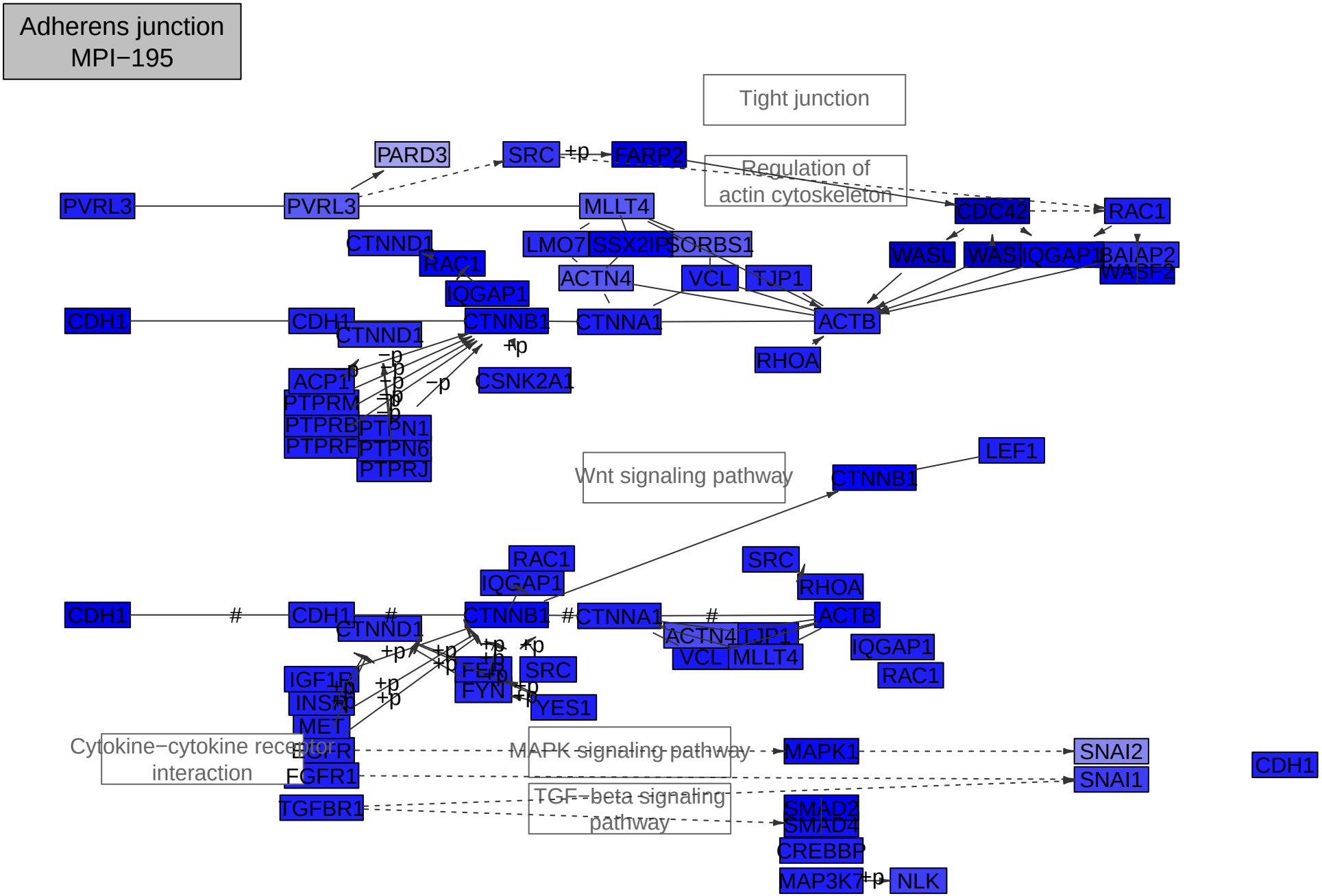
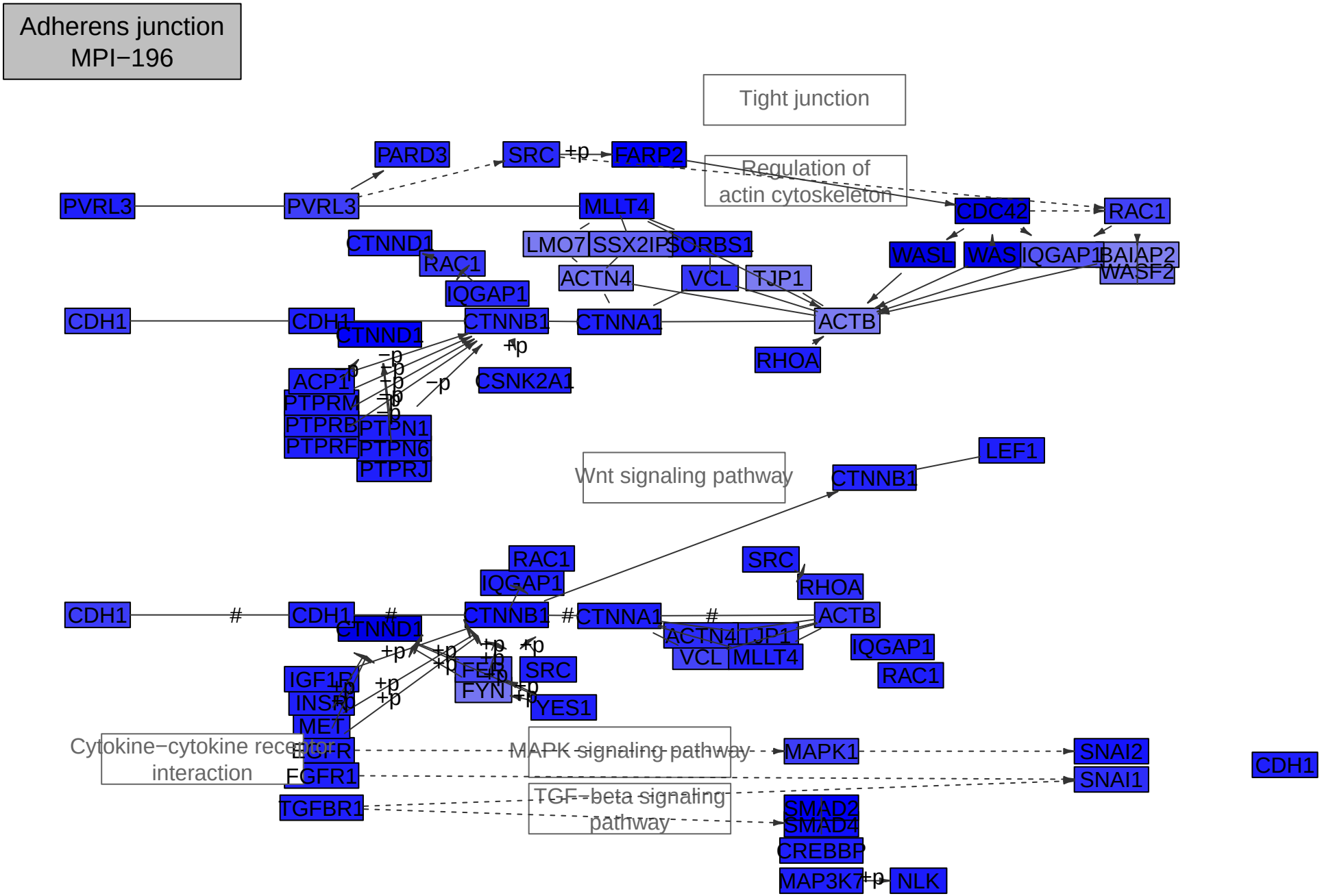
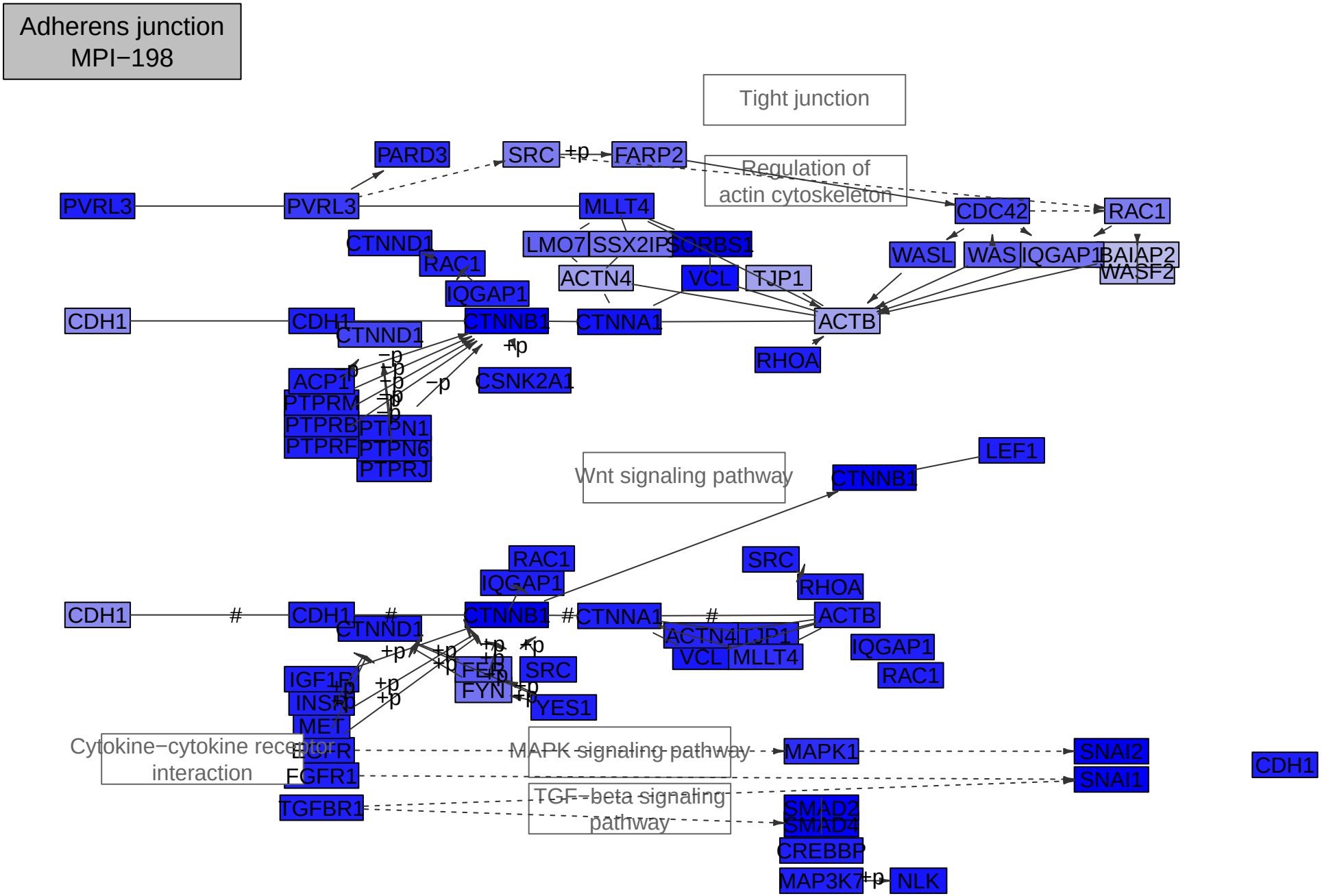
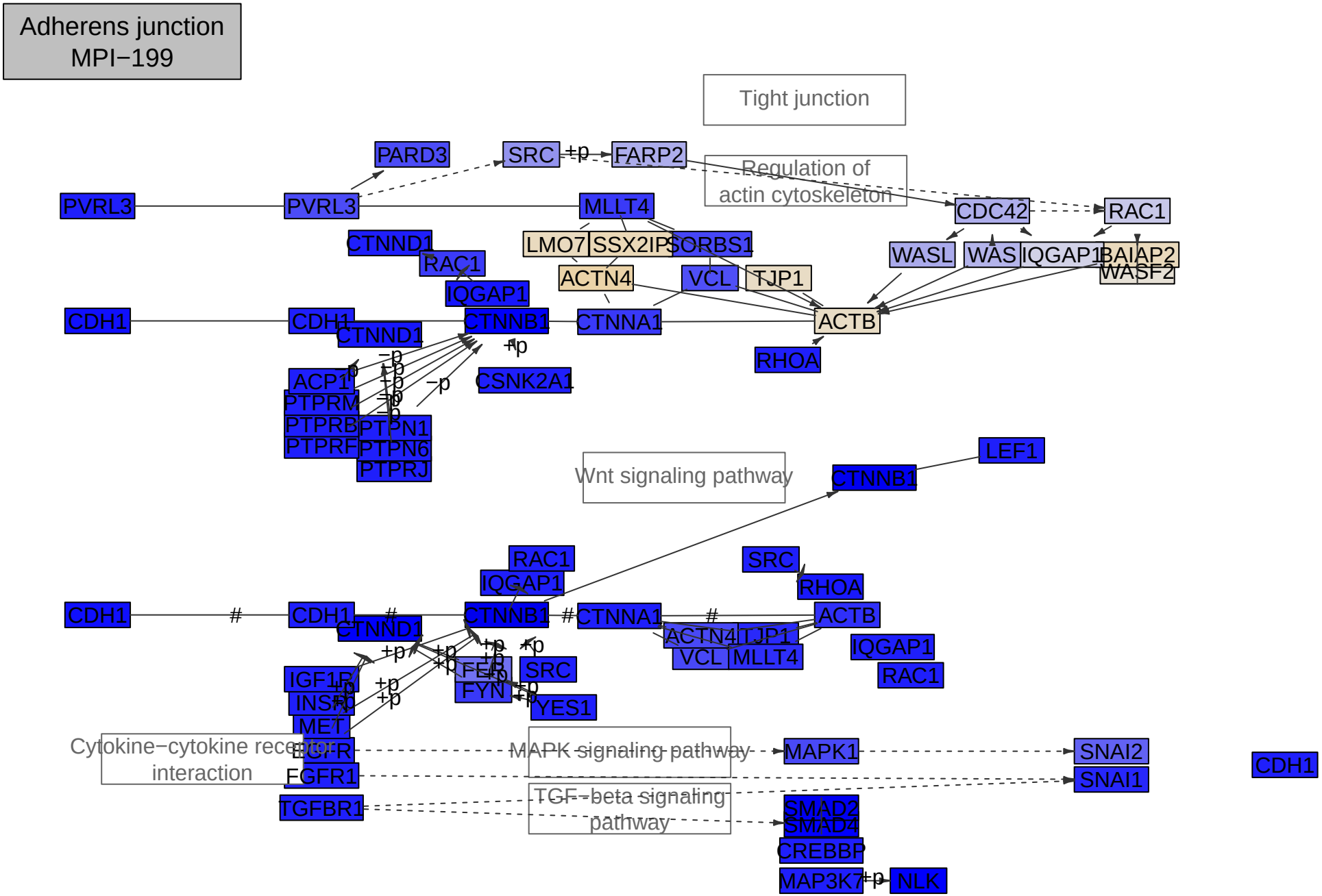
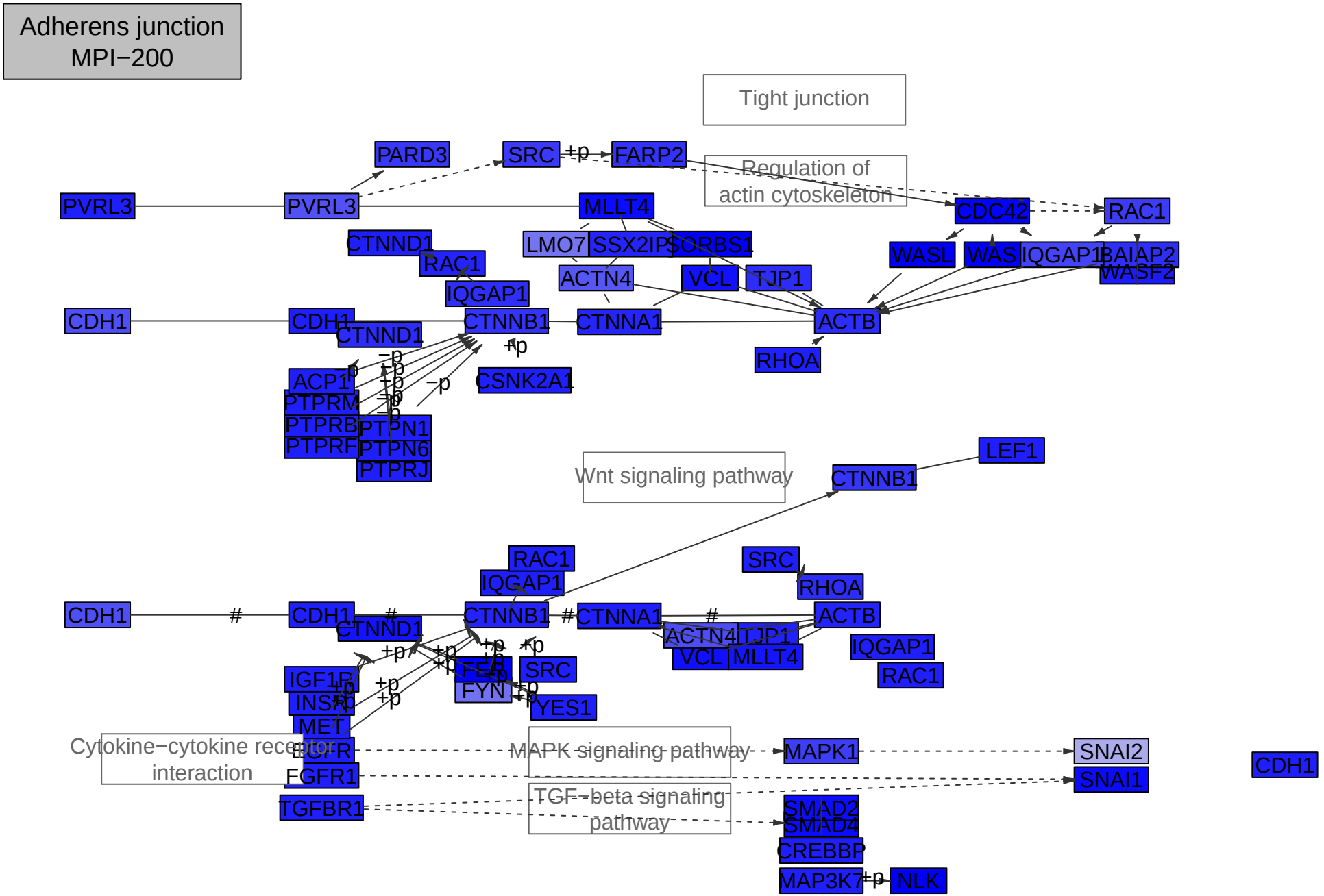
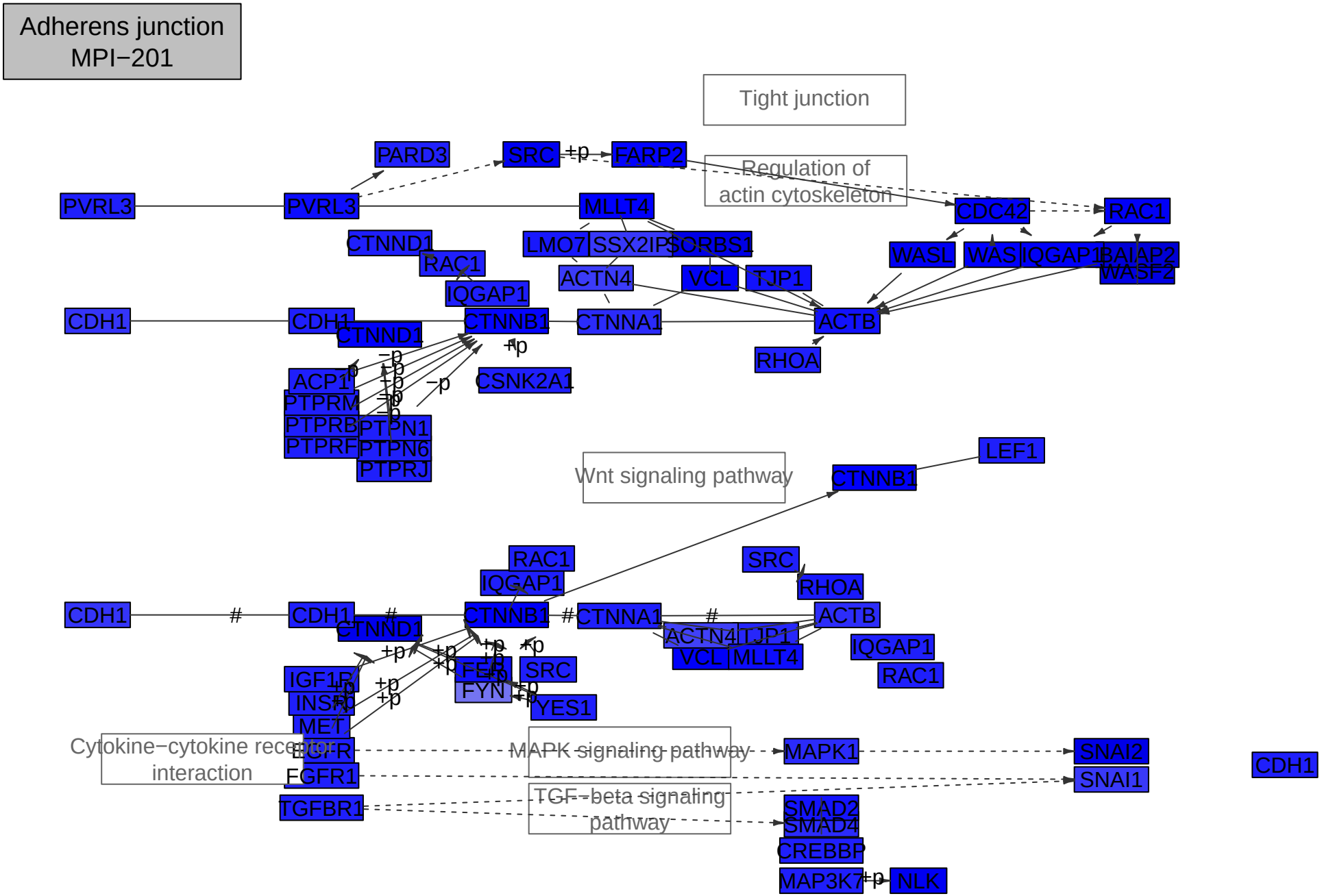

Adherens junction
MPI−195
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

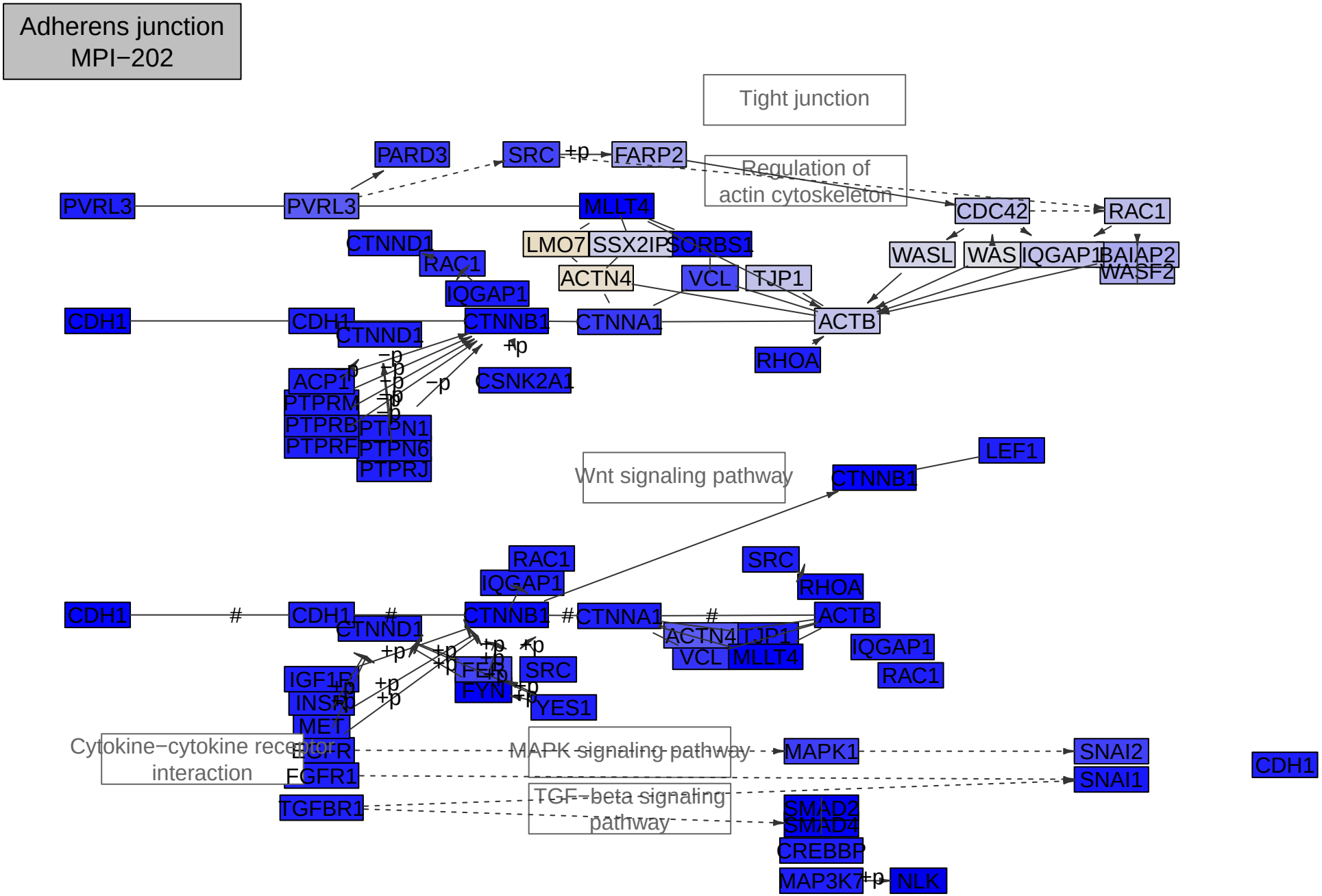

Adherens junction
MPI−196
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

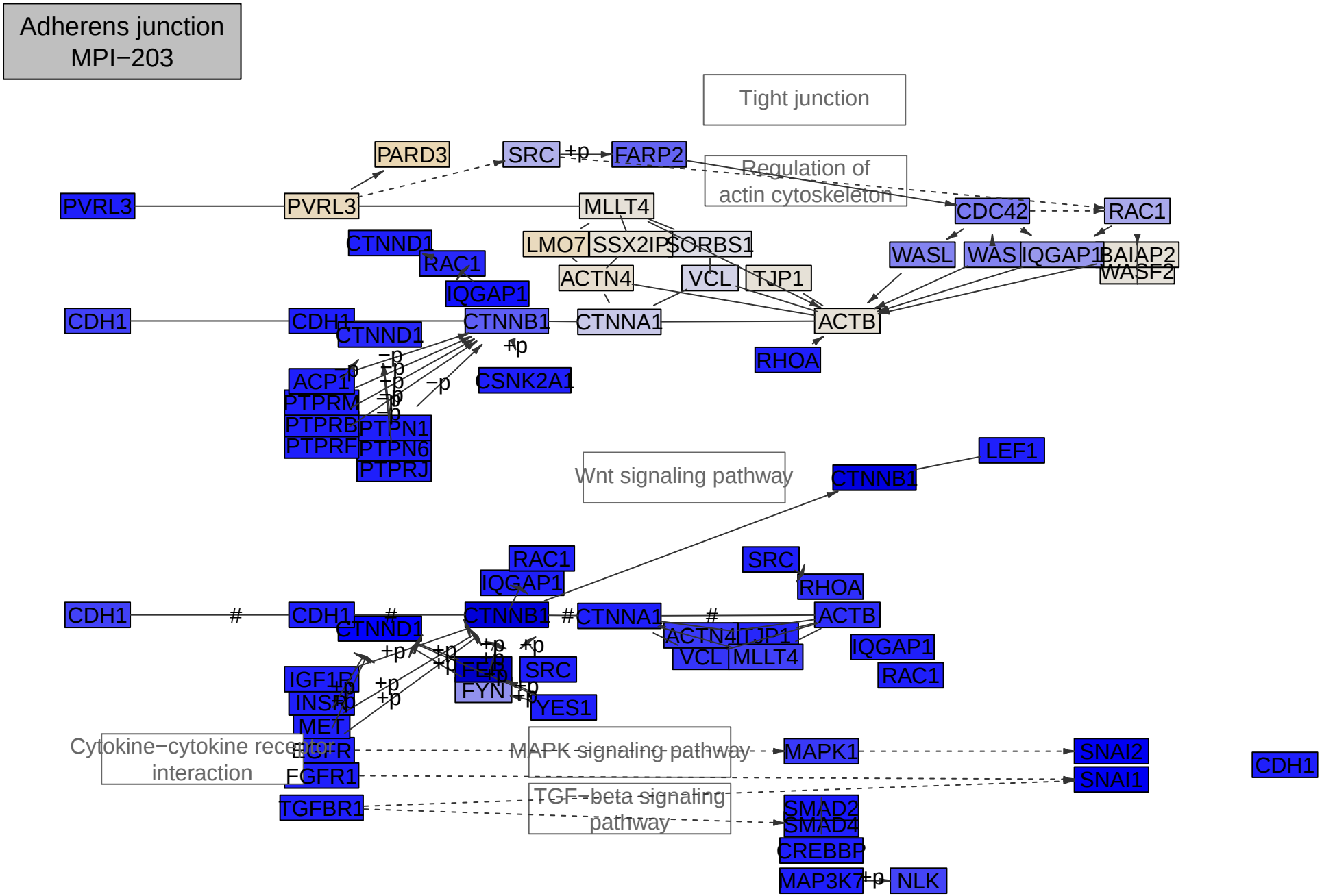

Adherens junction
MPI−198
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

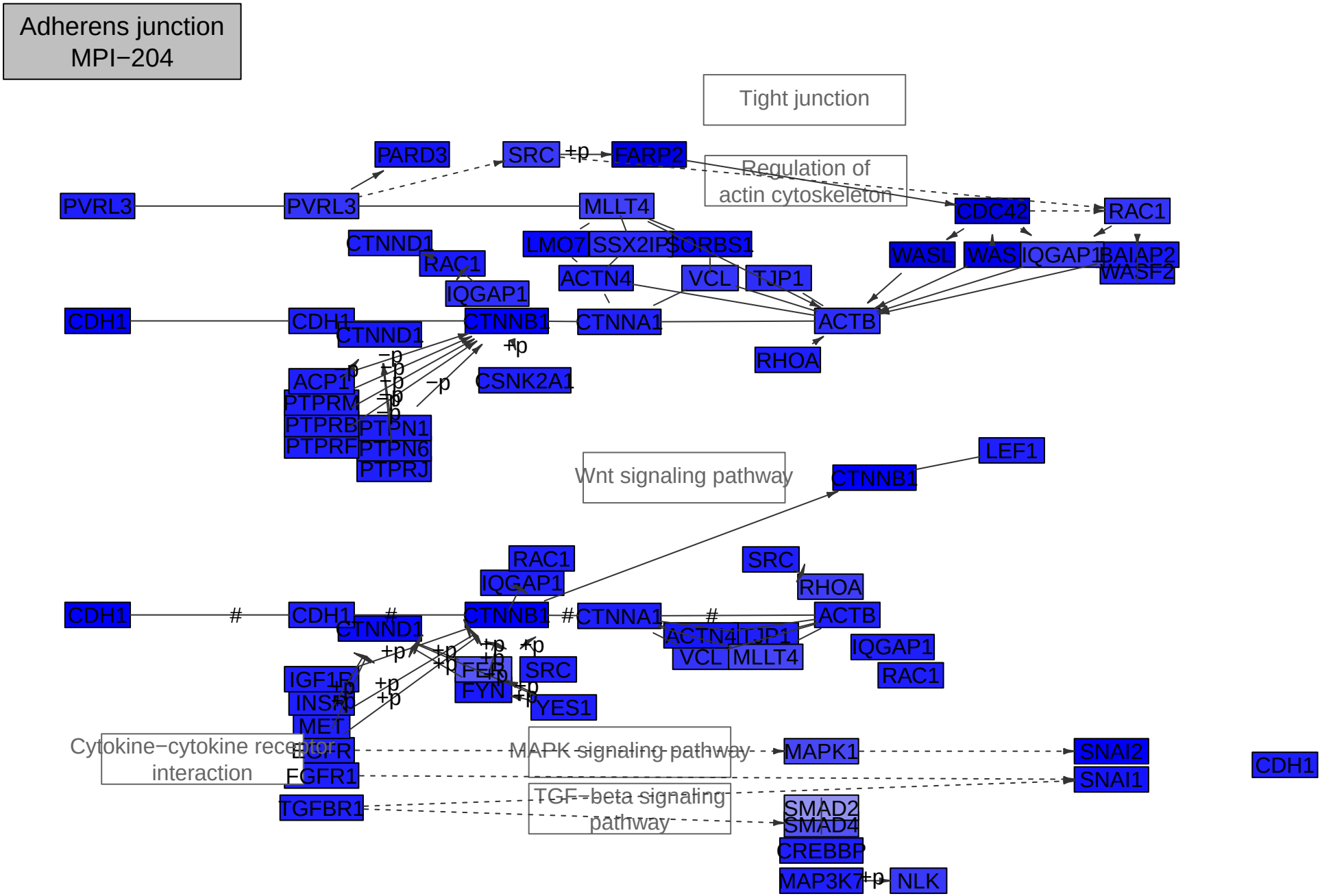

Adherens junction
MPI−199
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

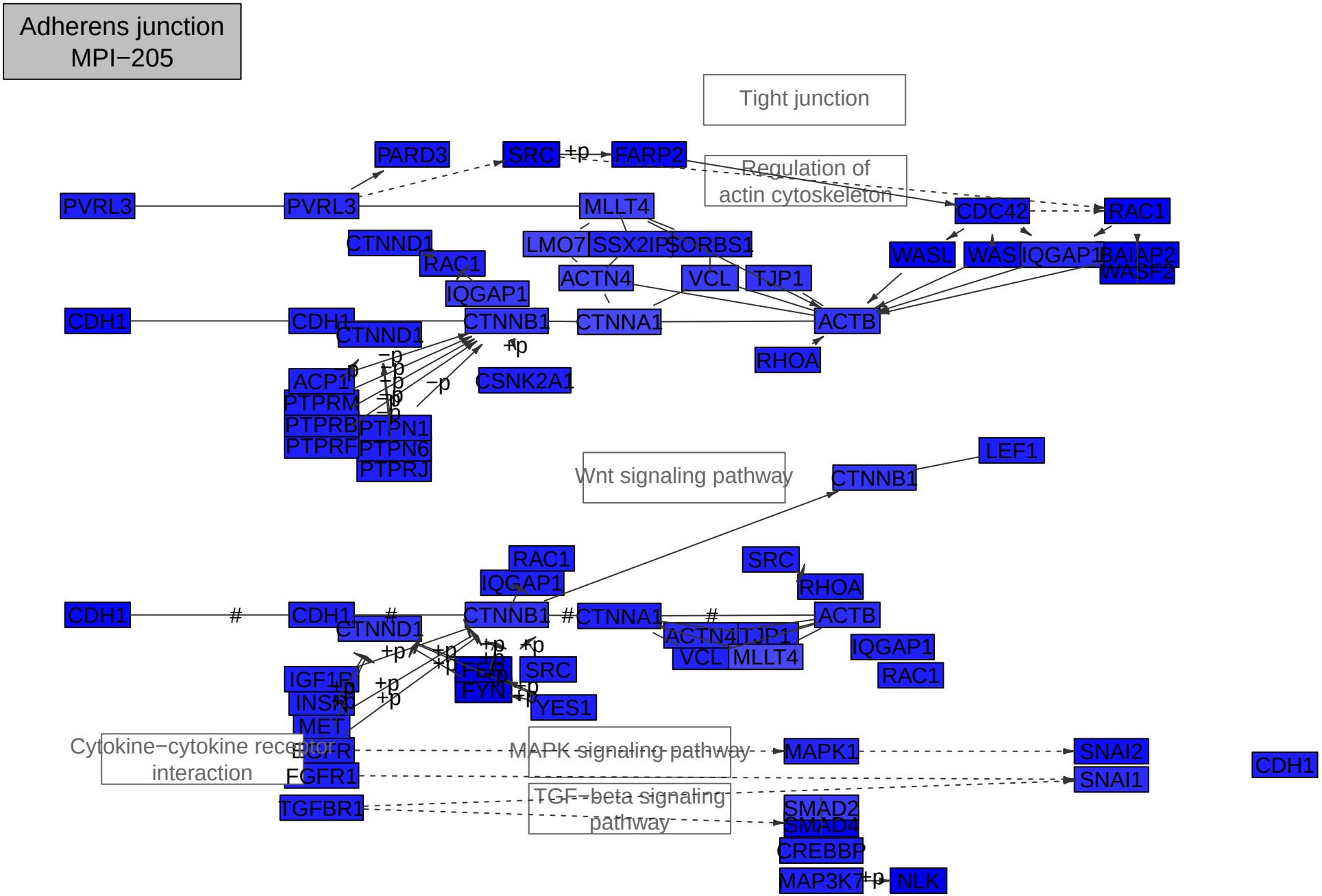

Adherens junction
MPI−200
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FER
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

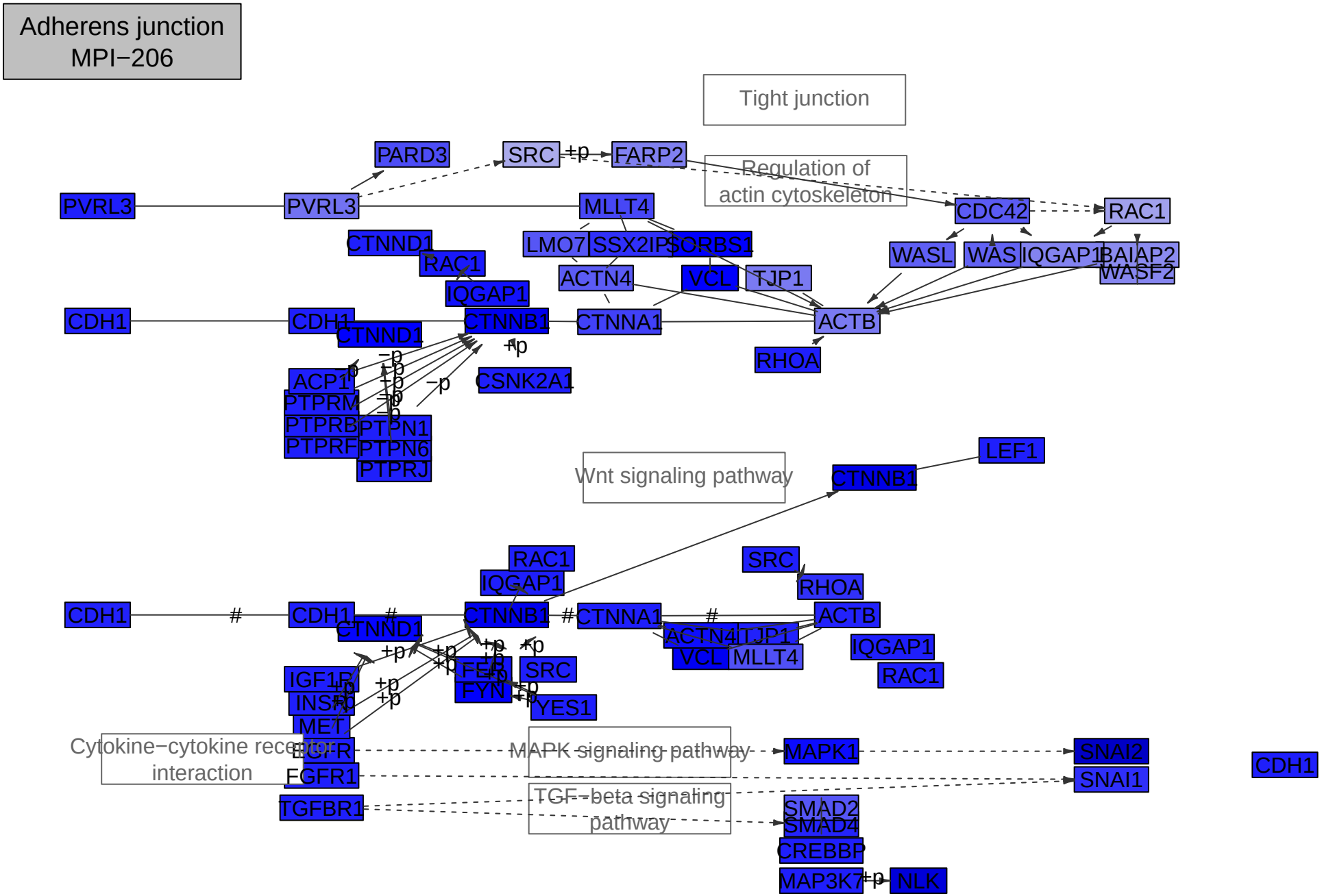

Adherens junction
MPI−201
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

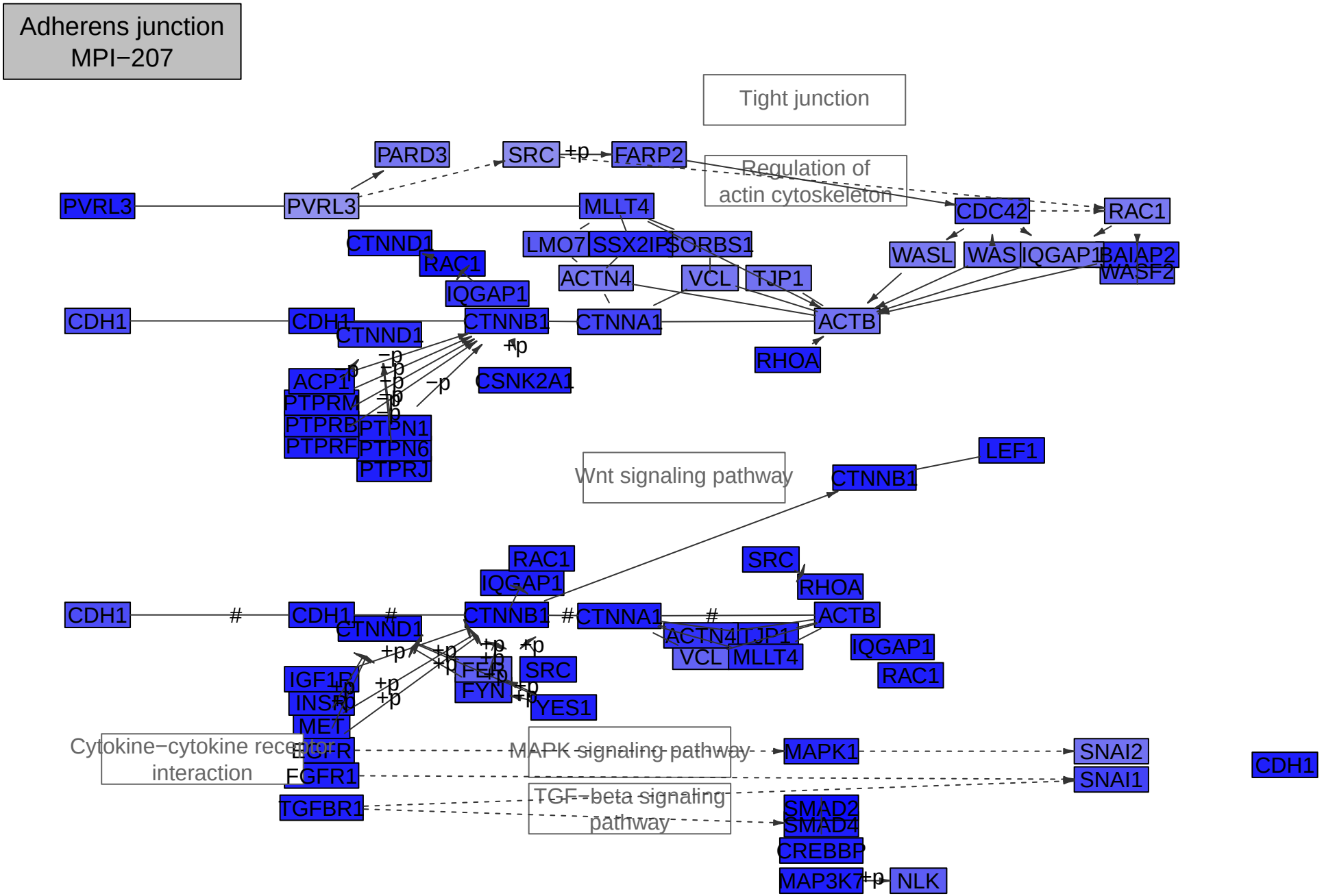

Adherens junction
MPI−202
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

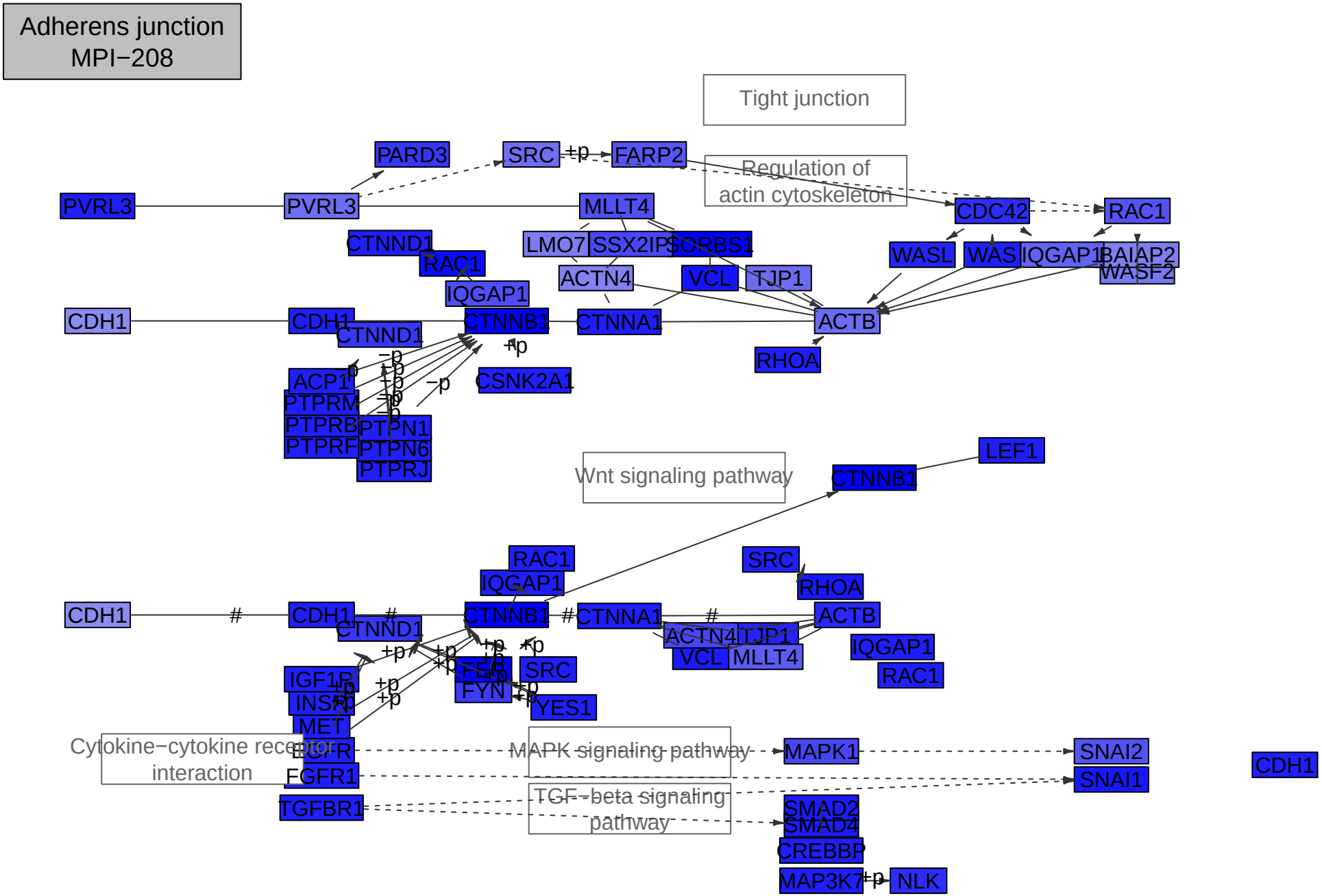

Adherens junction
MPI−203
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FER
SRC
IGF1R
FYN
YES1
INSR
MET
EGFR
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR1
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK

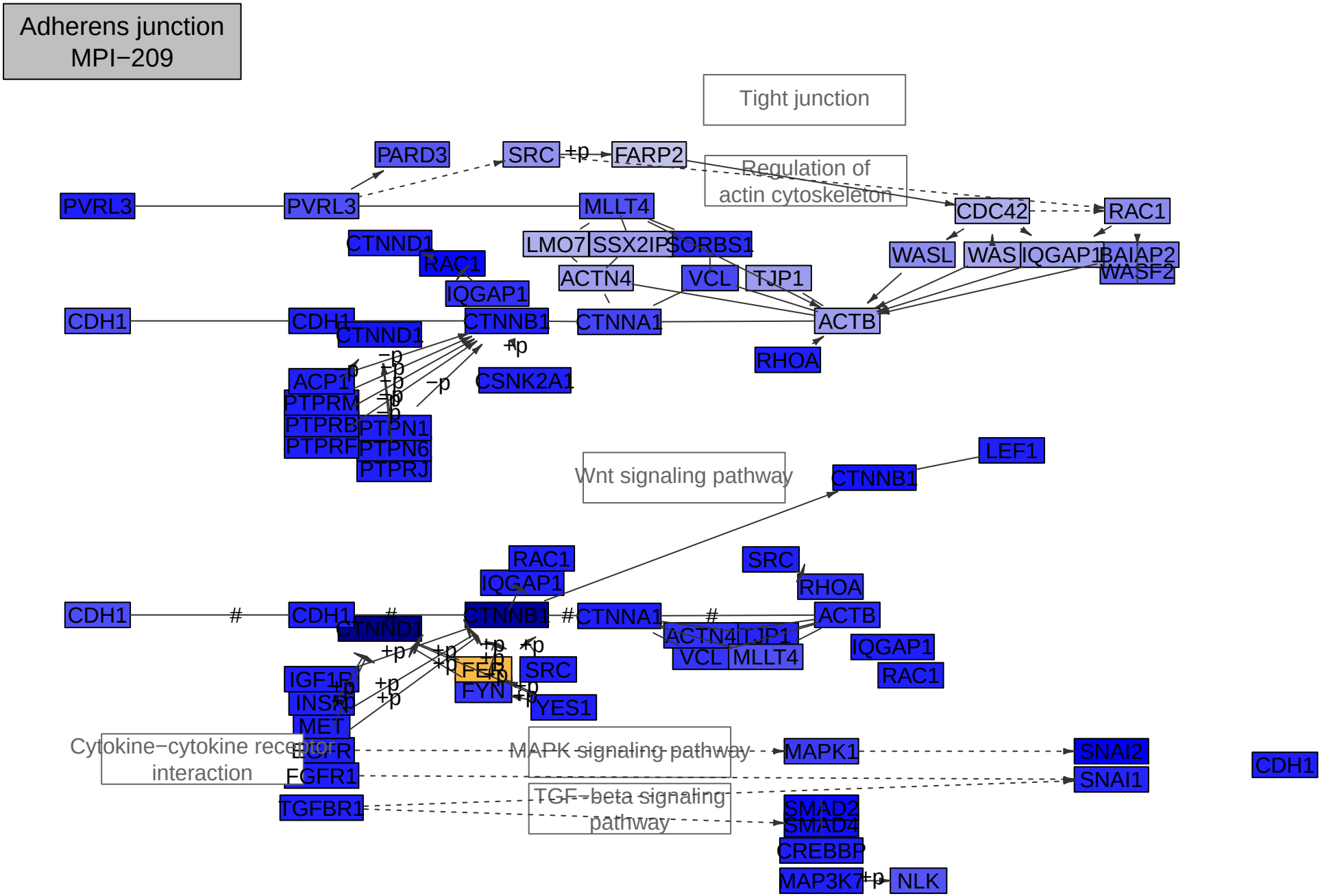

Adherens junction
MPI−204
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

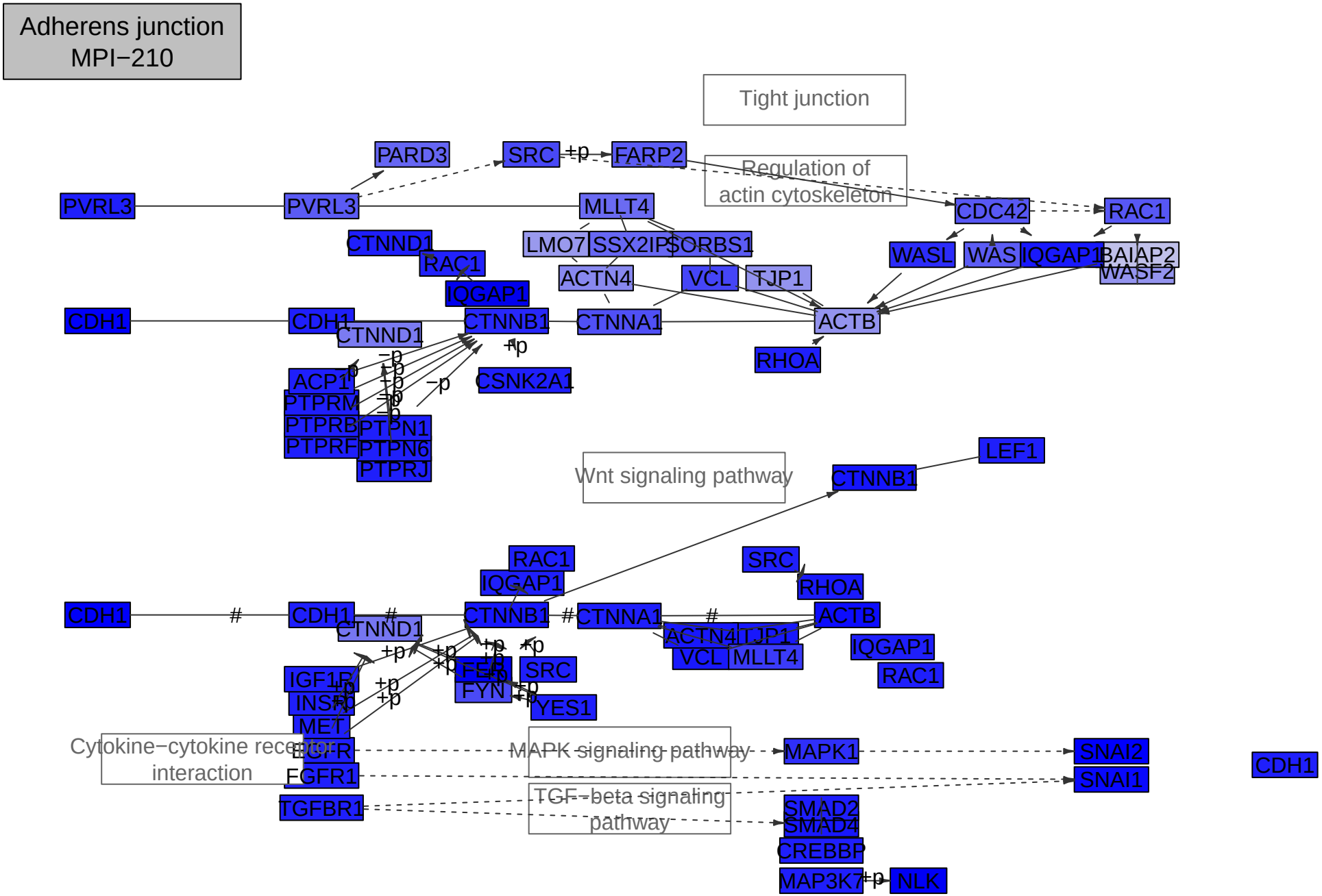

Adherens junction
MPI−205
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

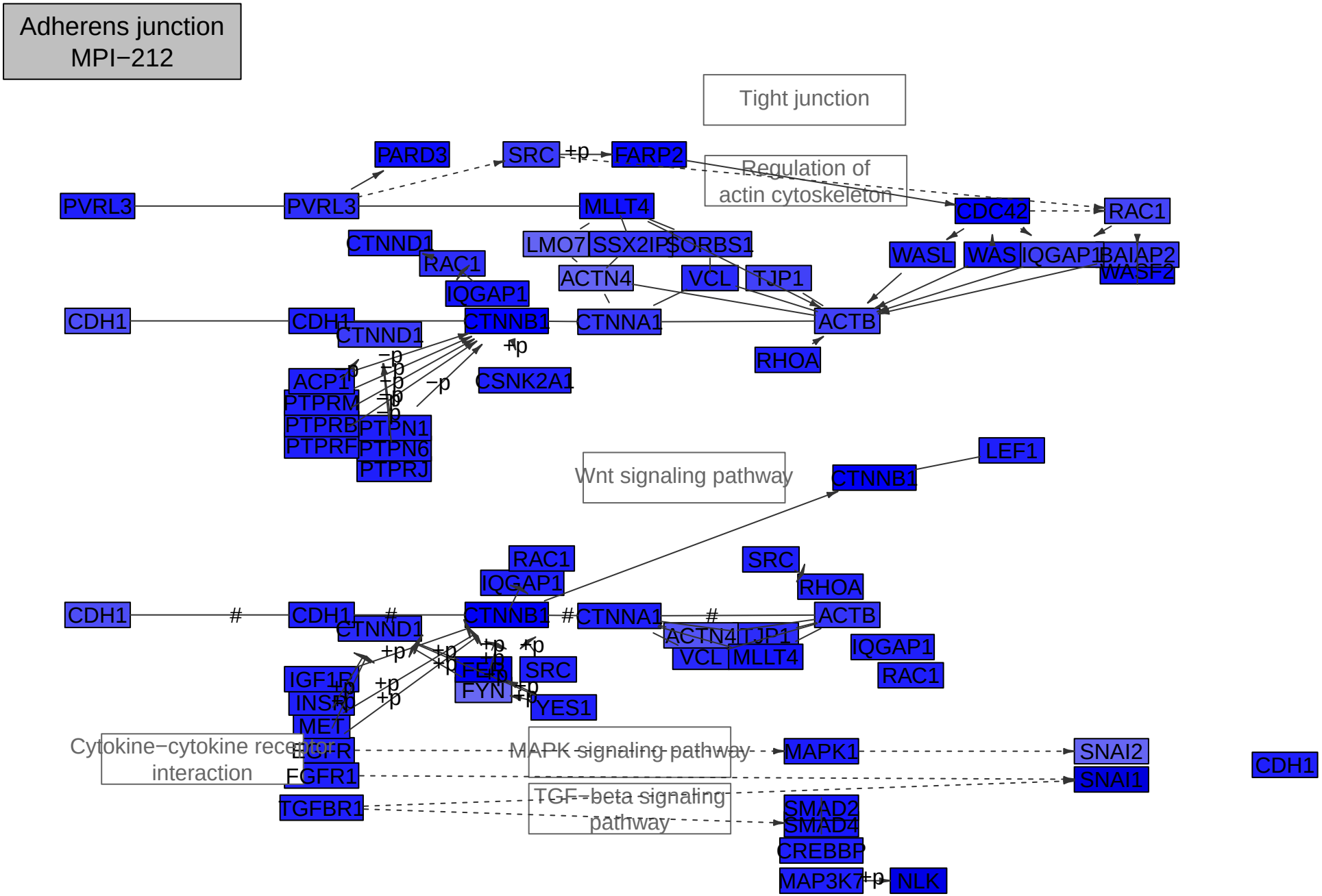

Adherens junction
MPI−206
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

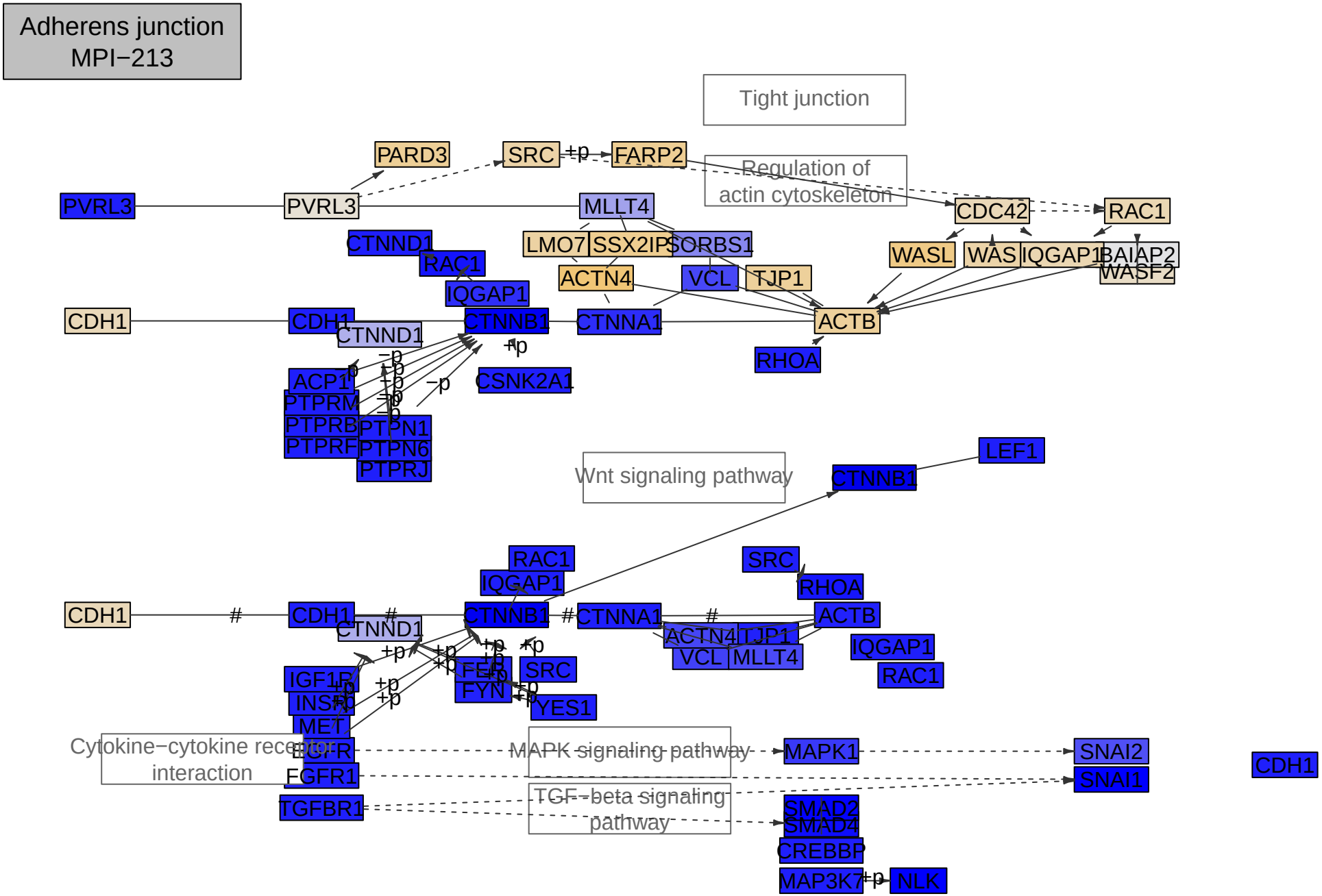

Adherens junction
MPI−207
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FER
SRC
IGF1R
FYN
YES1
INSR
MET
Cytokine−cytokine receptor
interaction
EGFR
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR1
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK

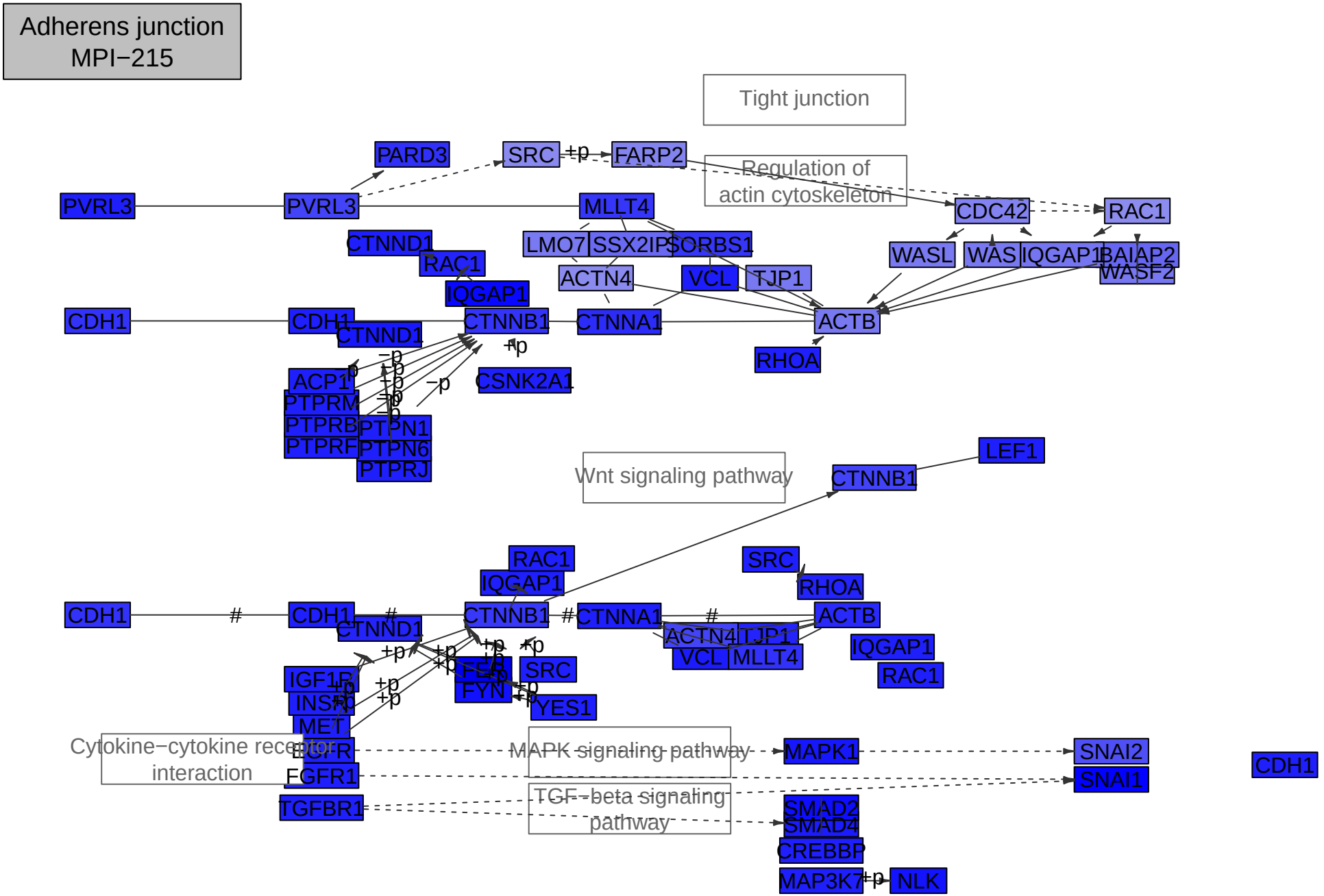

Adherens junction
MPI−208
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CTNND1
CTNNB1
CTNNA1
ACTB
ACTN4
TJP1
VCL
MLLT4
IQGAP1
RAC1
IGF1R
INSR
MET
EGFR
FES
FYN
SRC
YES1
MAPK1
SNAI2
SNAI1
CDH1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

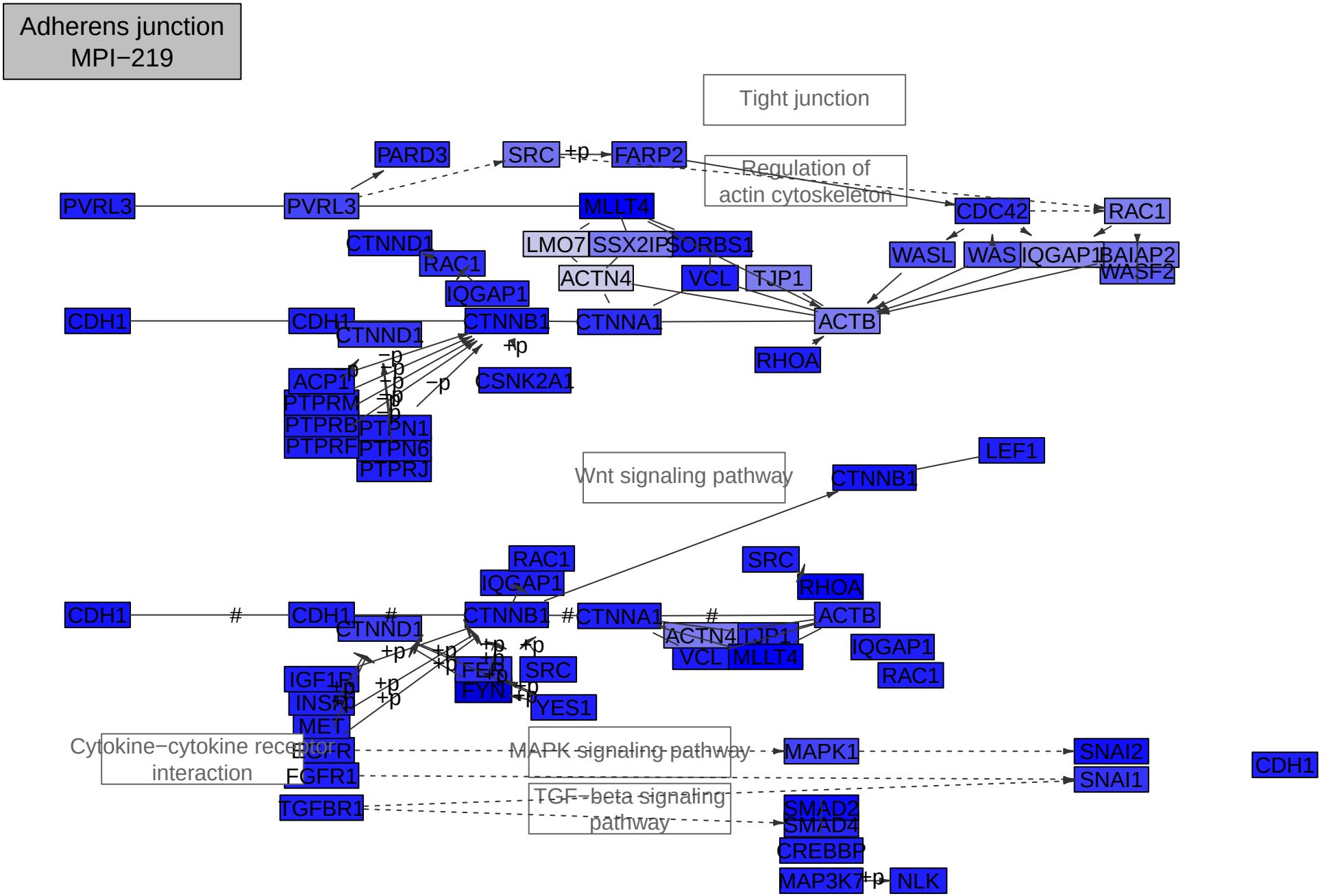

Adherens junction
MPI−209
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

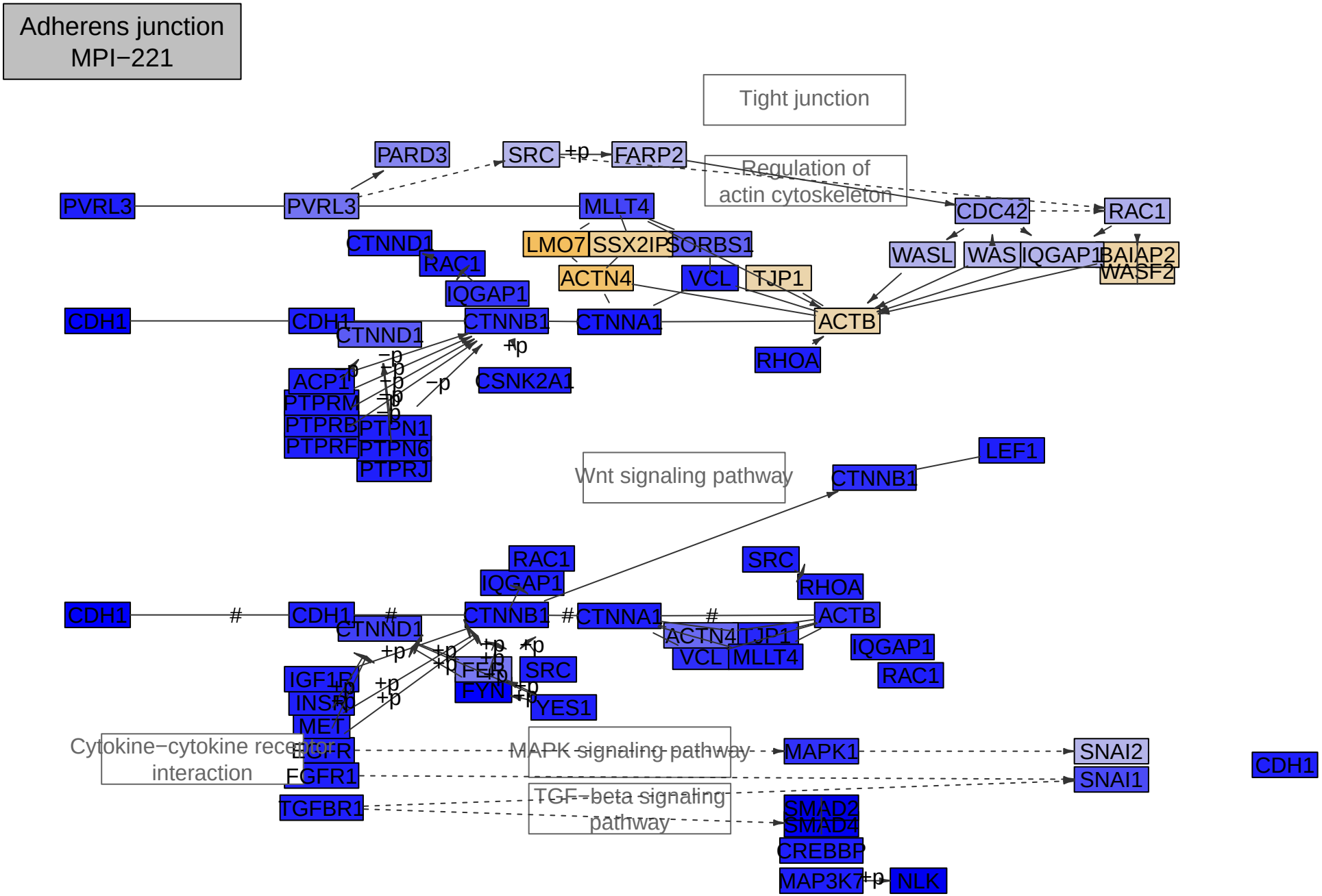

Adherens junction
MPI−210
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

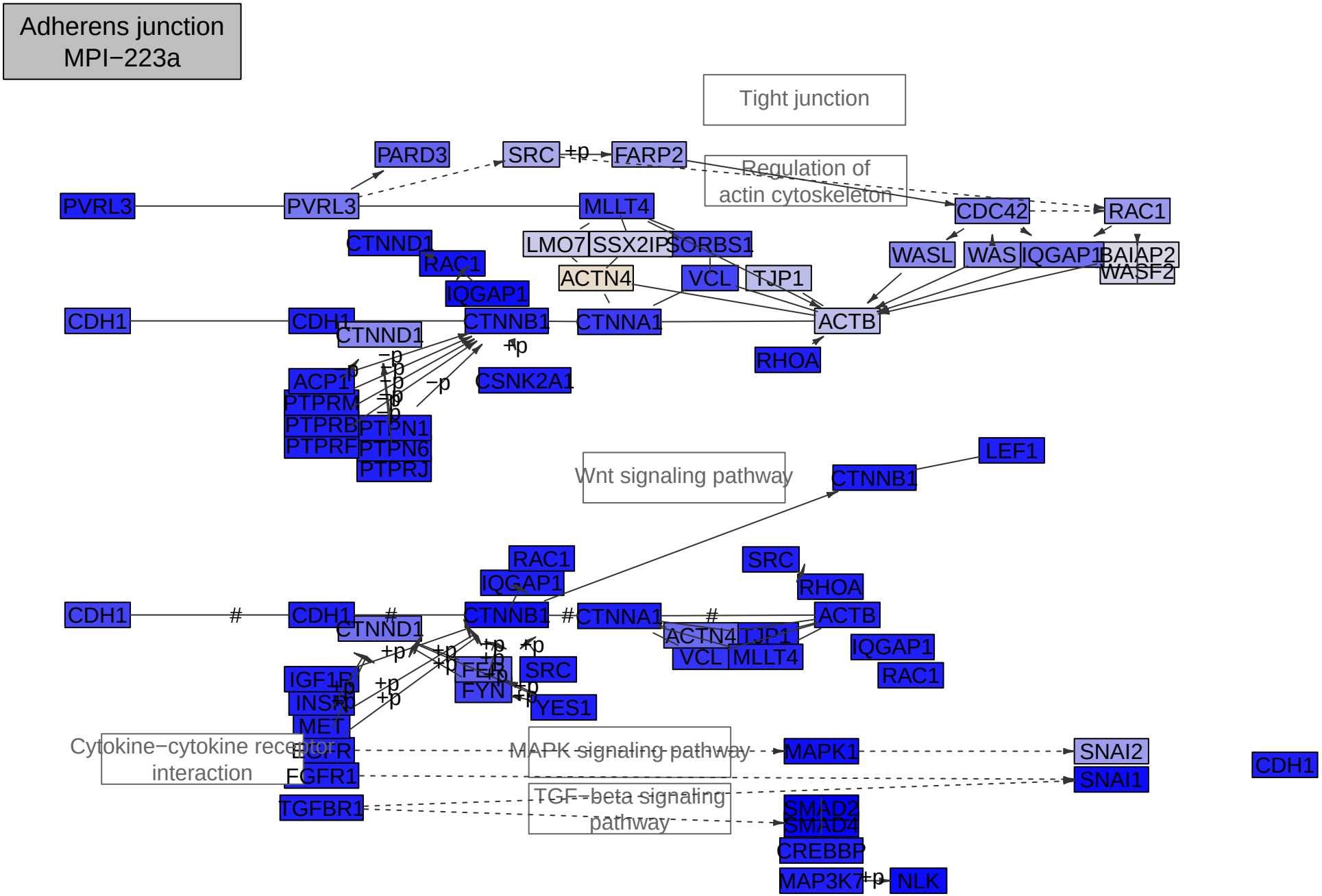

Adherens junction
MPI−212
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

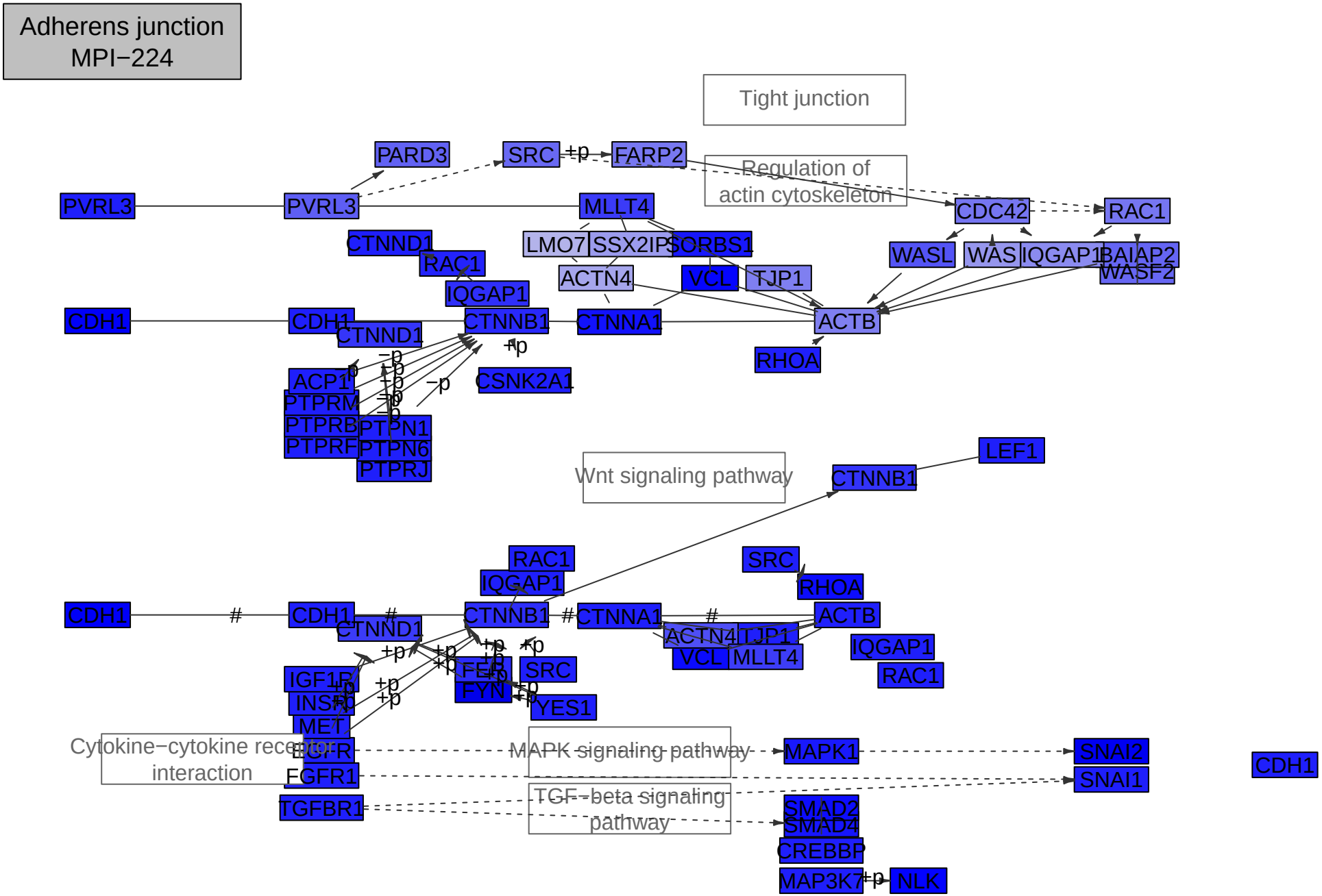

Adherens junction
MPI−213
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
+p
FER
SRC
IGF1R
FYN
YES1
INSR
MET
Cytokine−cytokine receptor
interaction
EGFR
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR1
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK

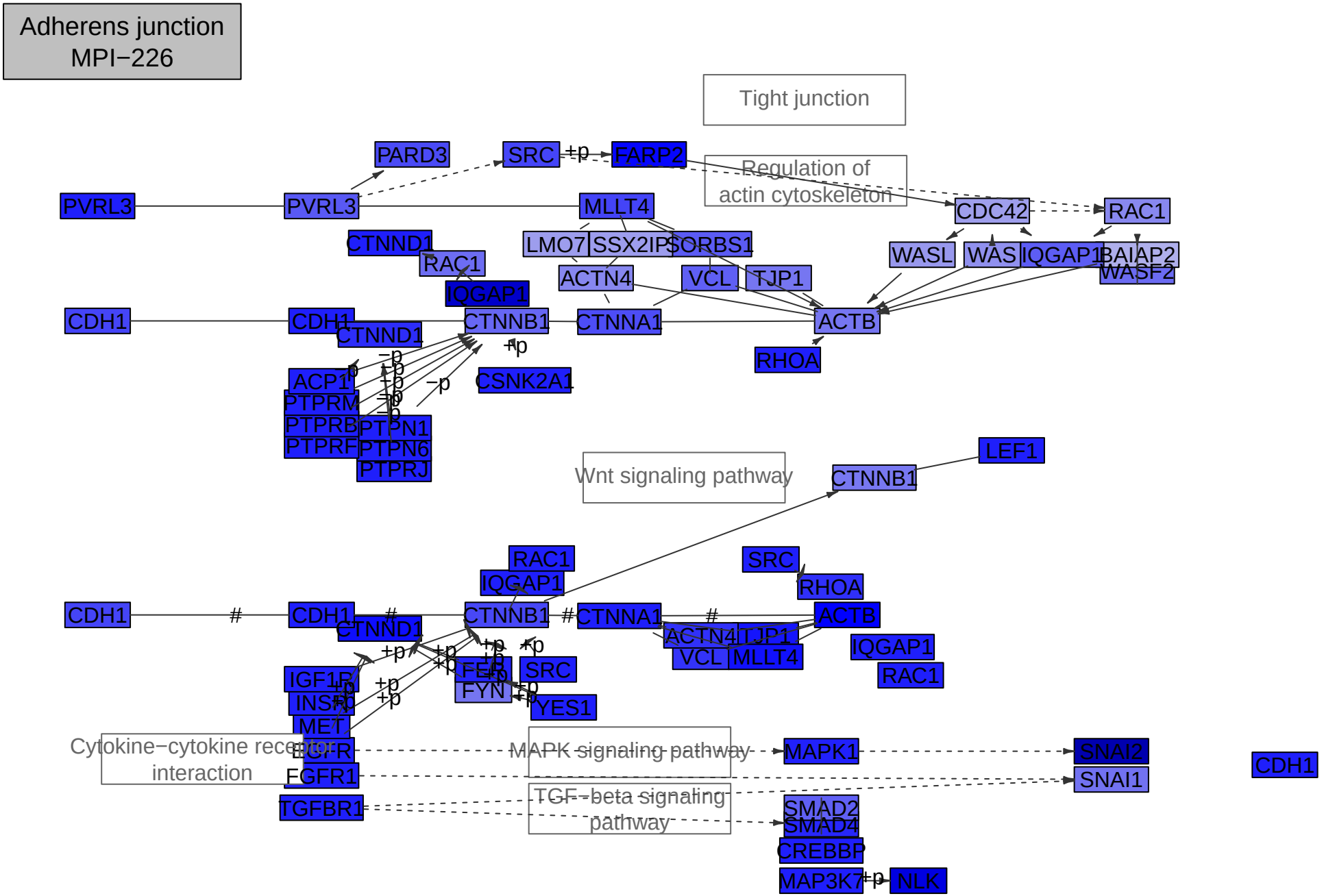

Adherens junction
MPI−215
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

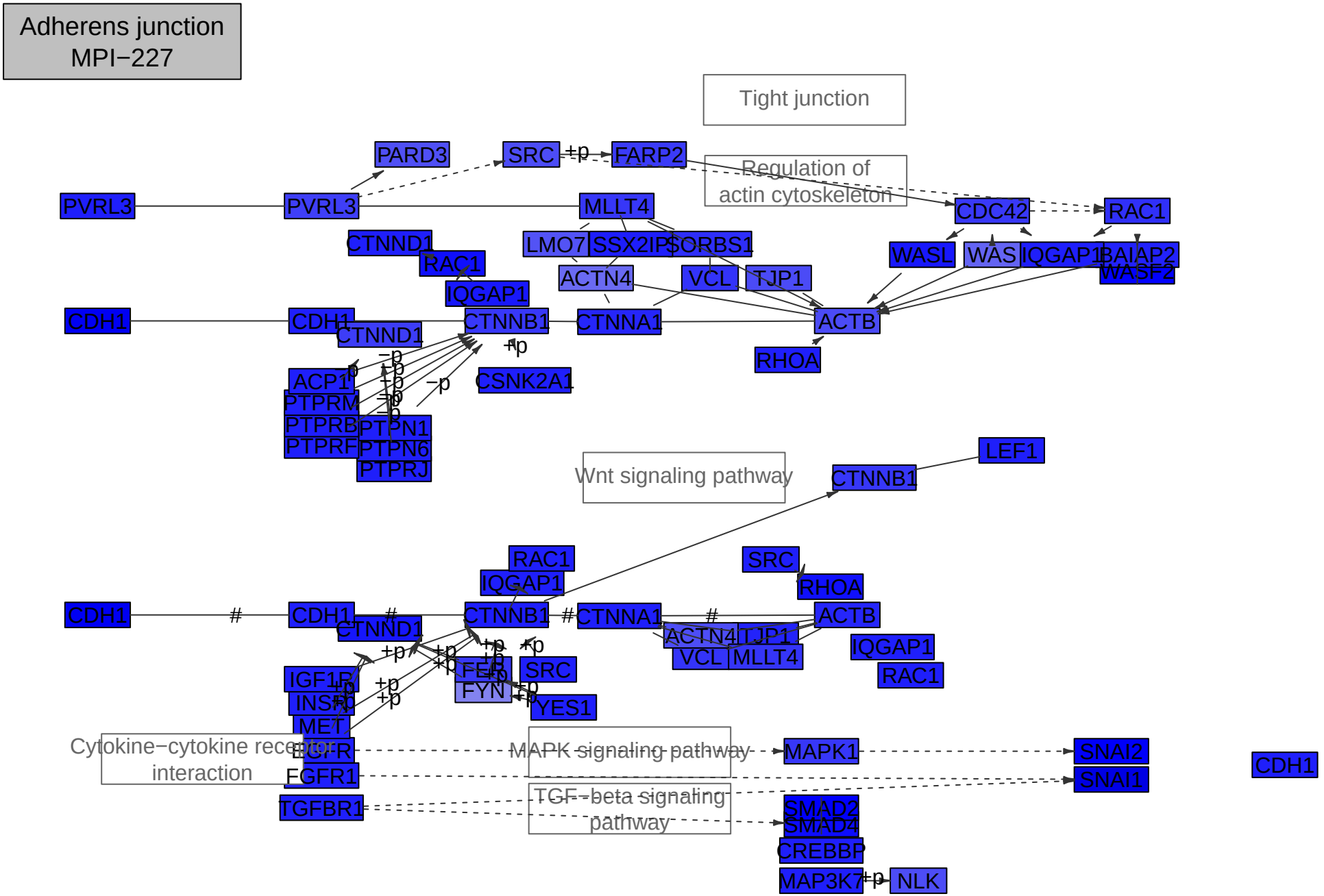

Adherens junction
MPI−219
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

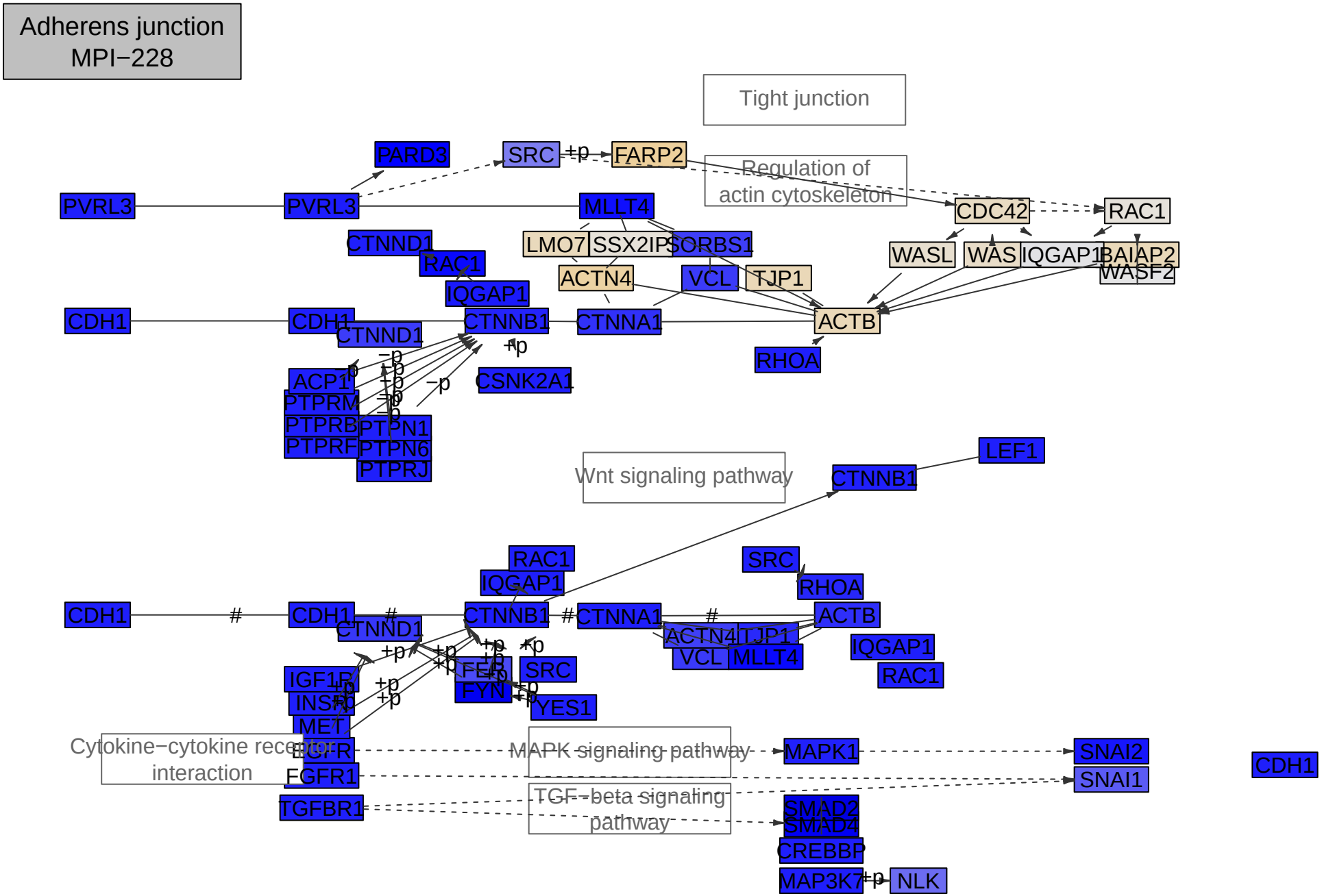

Adherens junction
MPI−221
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

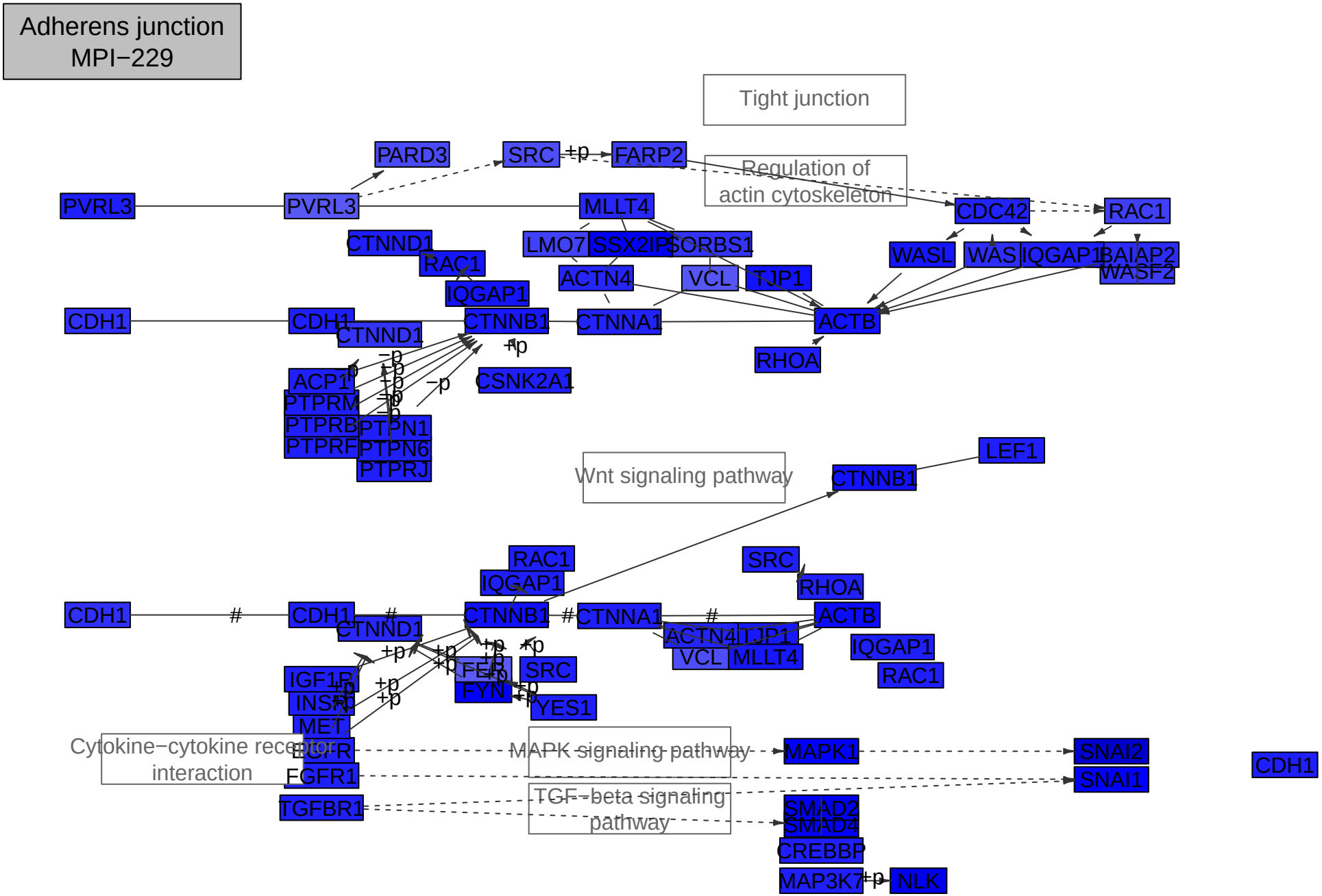

Adherens junction
MPI−223a
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

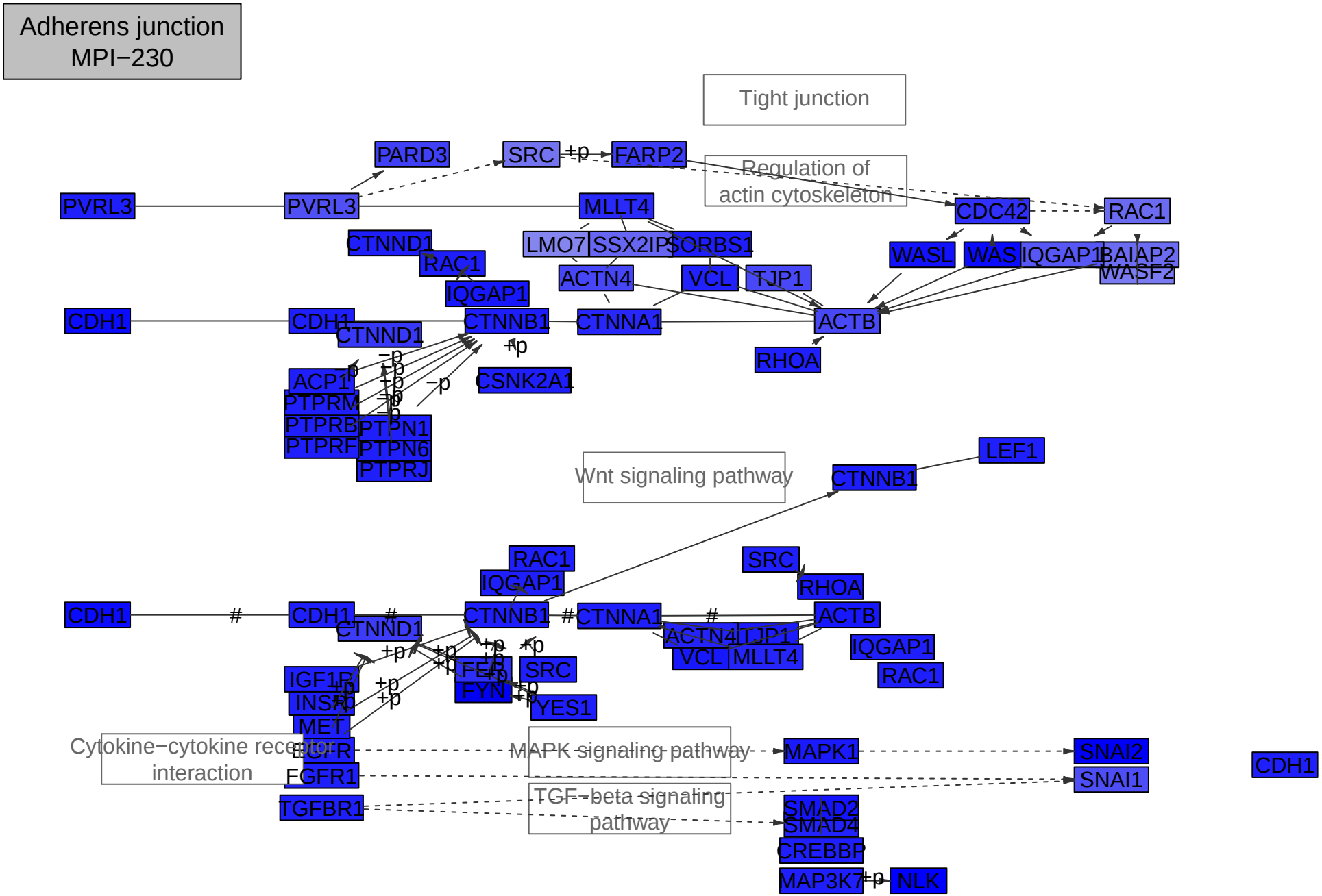

Adherens junction
MPI−224
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

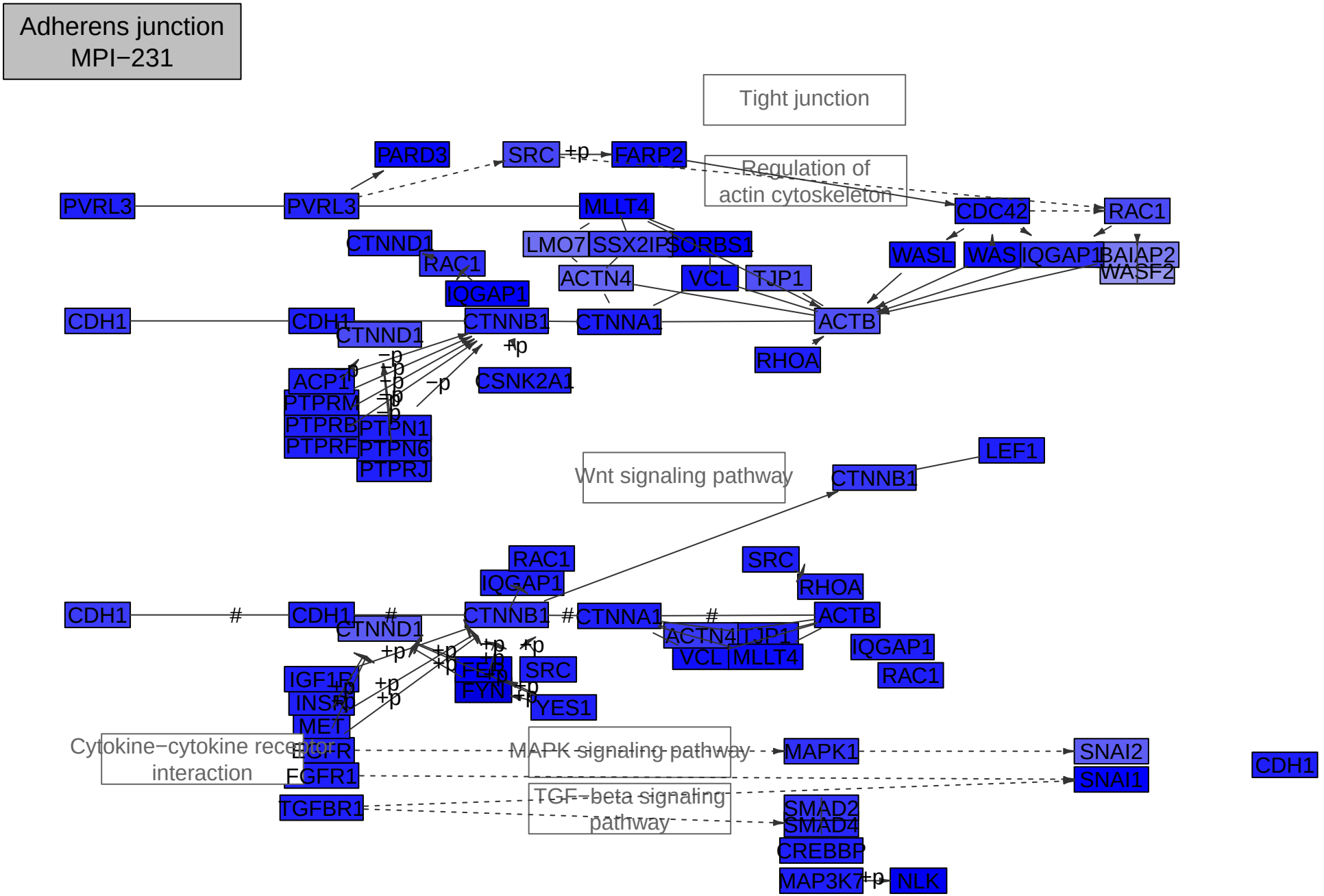

Adherens junction
MPI−226
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

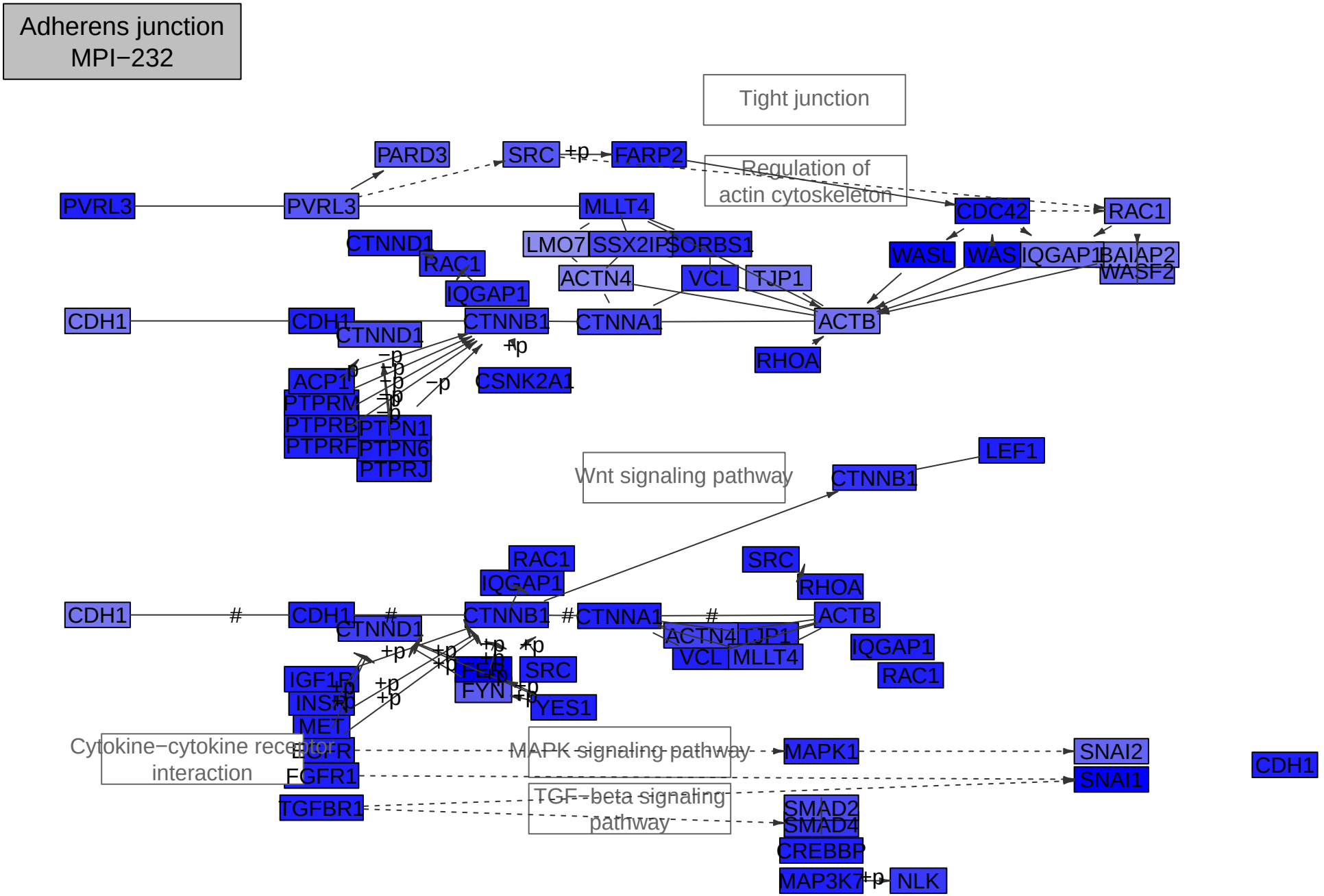

Adherens junction
MPI−227
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

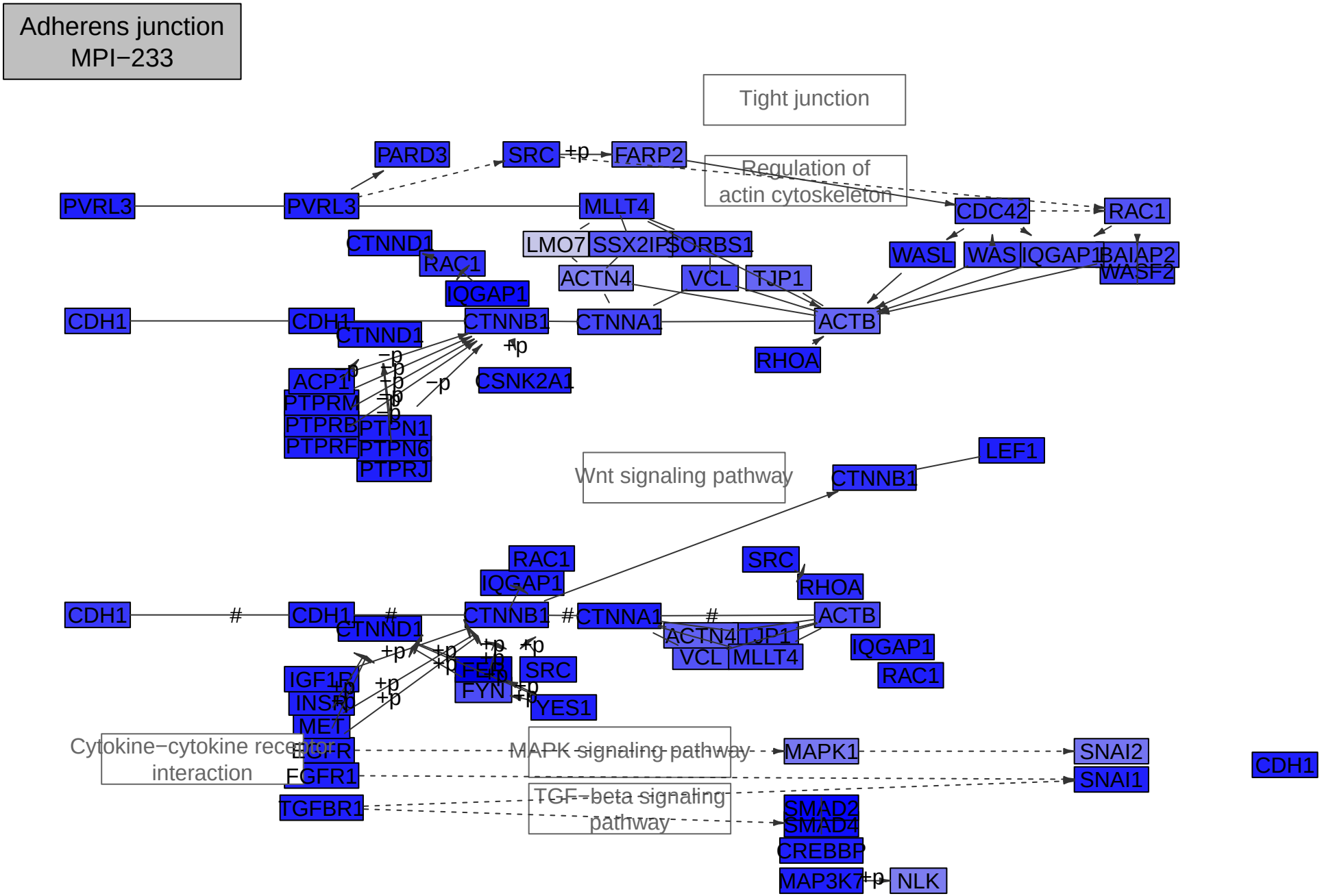

Adherens junction
MPI−228
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
FYN
YES1
INSR
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

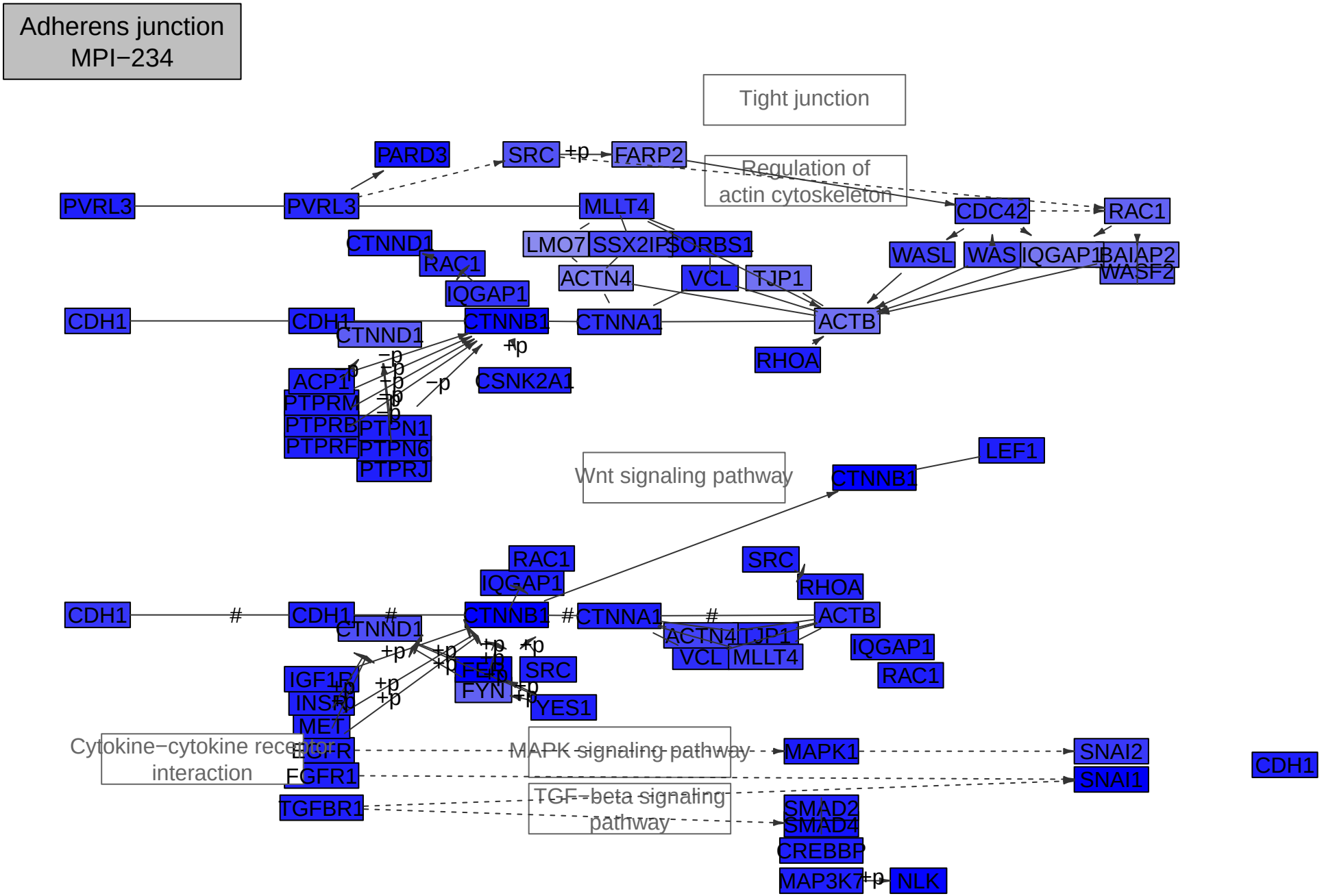

Adherens junction
MPI−229
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
TGFBR1
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−230
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−231
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FES
SRC
INSR
FYN
YES1
MET
IGF1R
EGFR
MAPK1
SNAI2
SNAI1
CDH1
EGFR1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−232
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−233
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
RAC1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−234
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
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PTPRJ
LEF1
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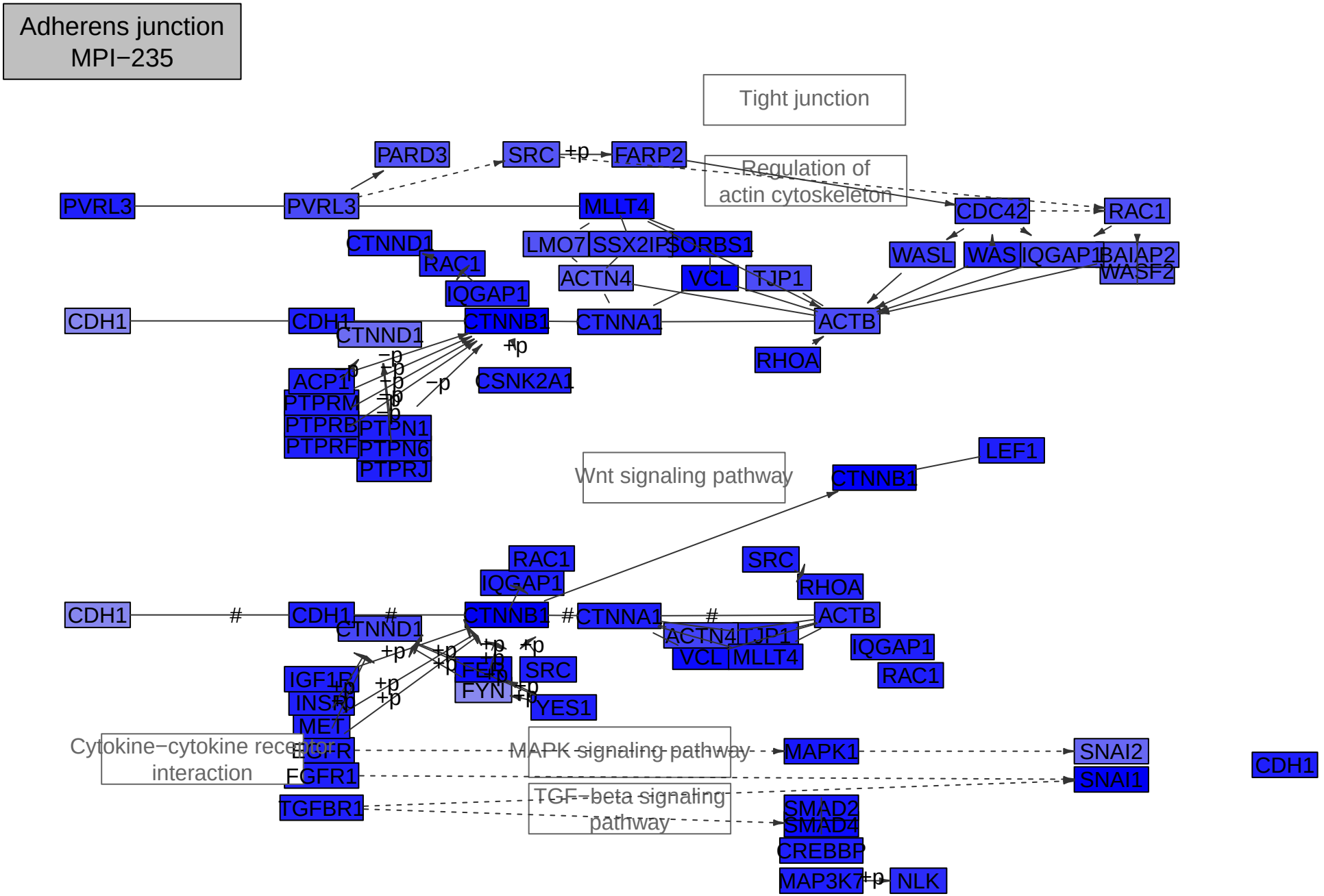
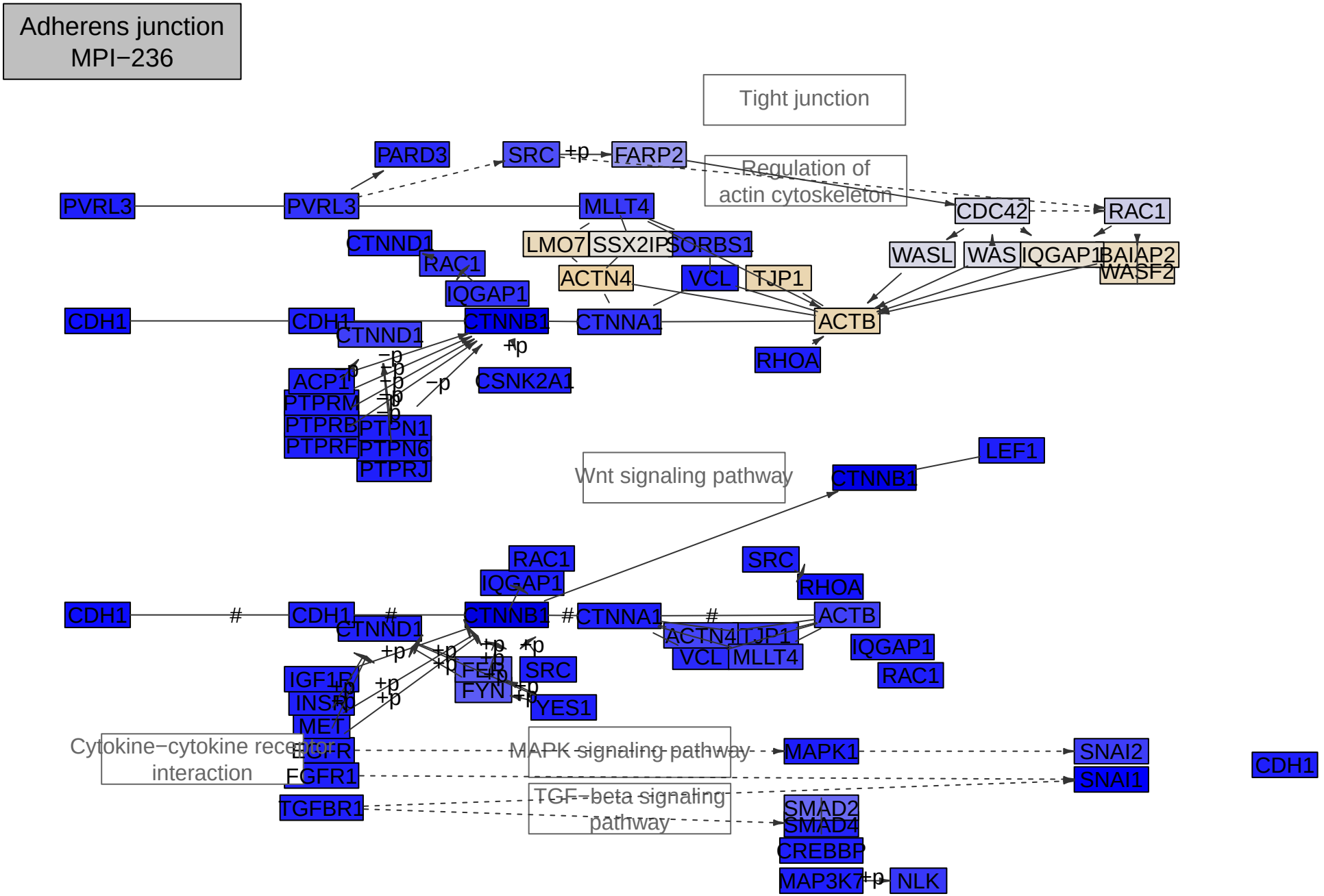
RAC1
IQGAP1
SRC
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−235
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−236
Tight junction
Regulation of actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor interaction
MAPK signaling pathway
TGF−beta signaling pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
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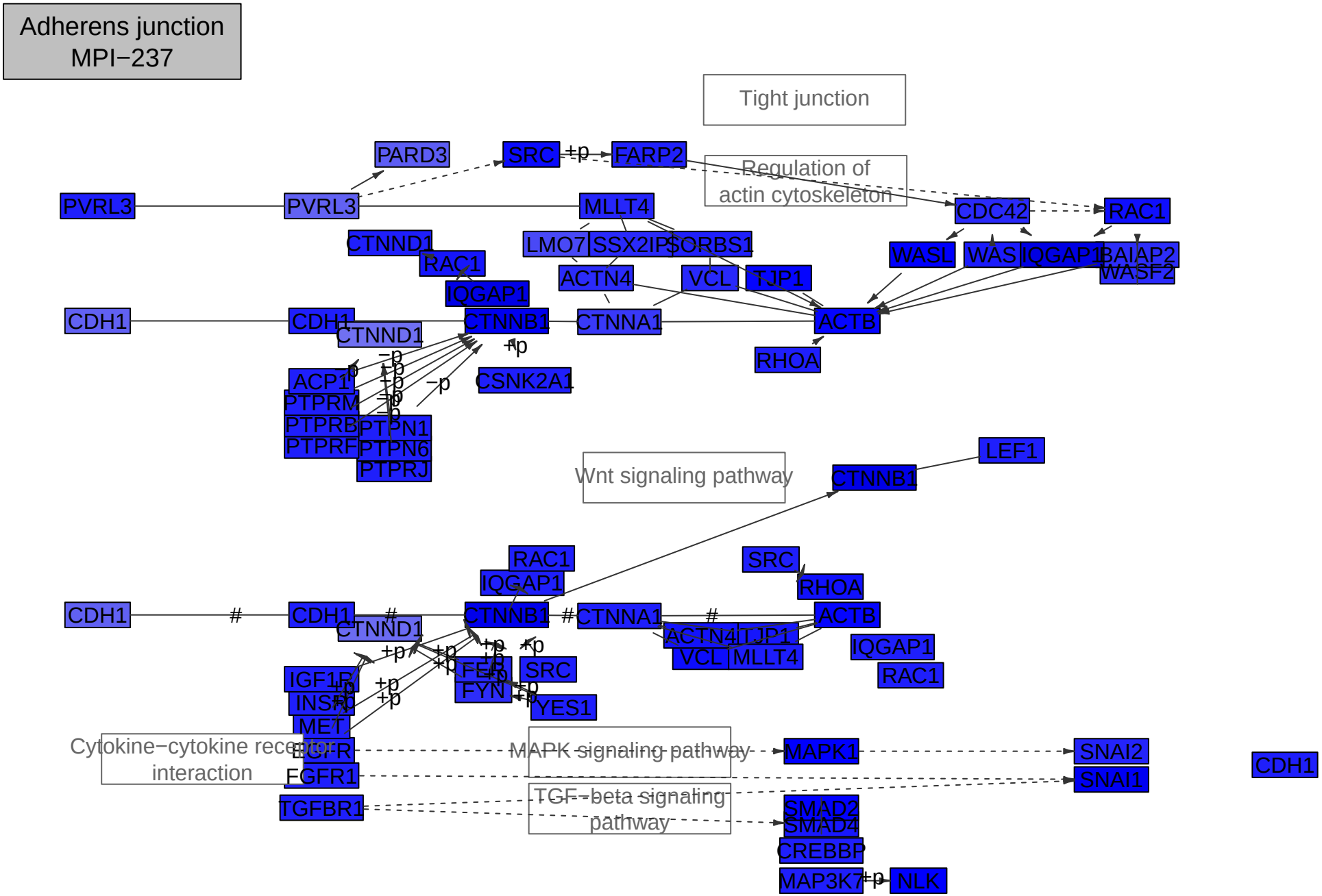
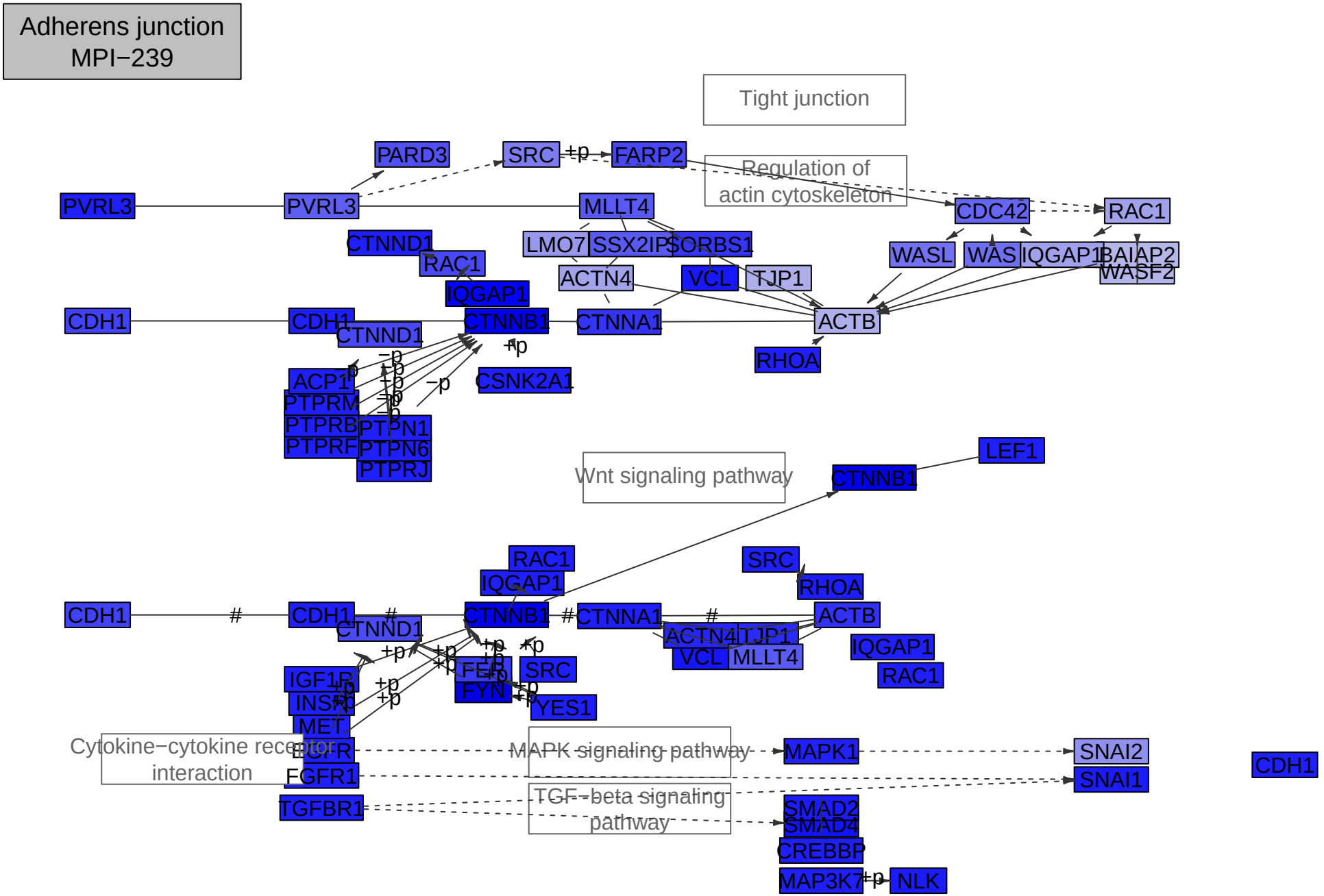
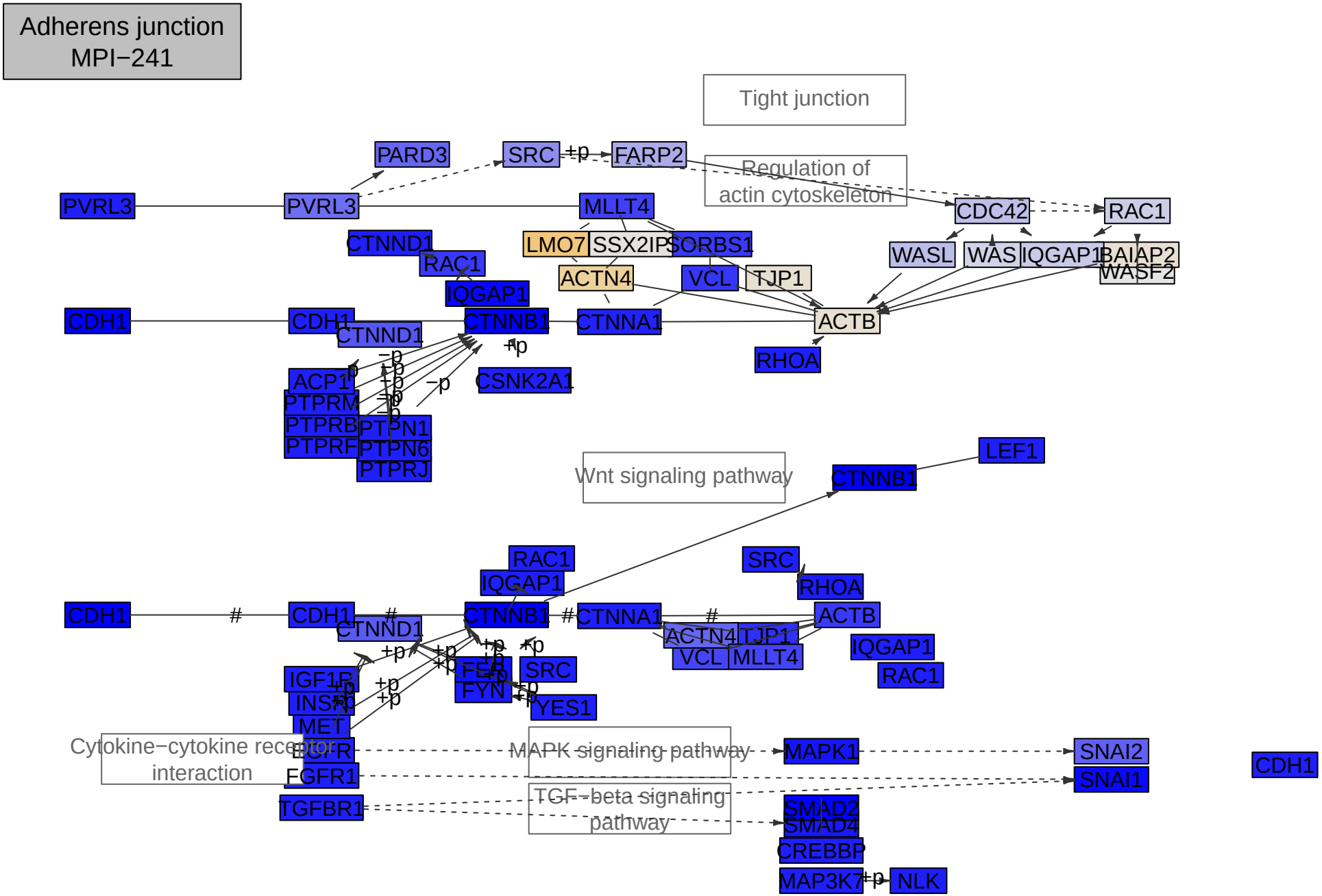
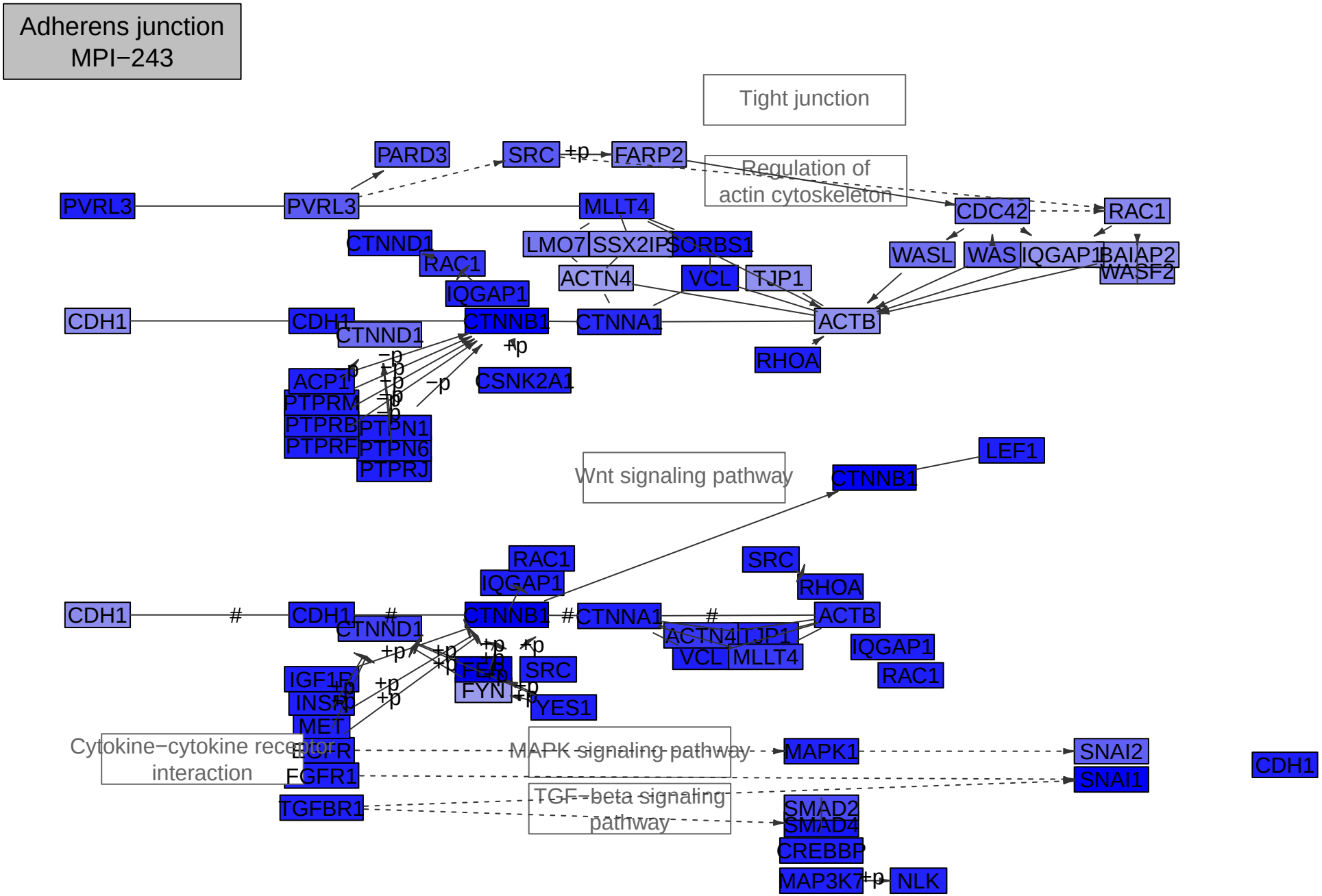
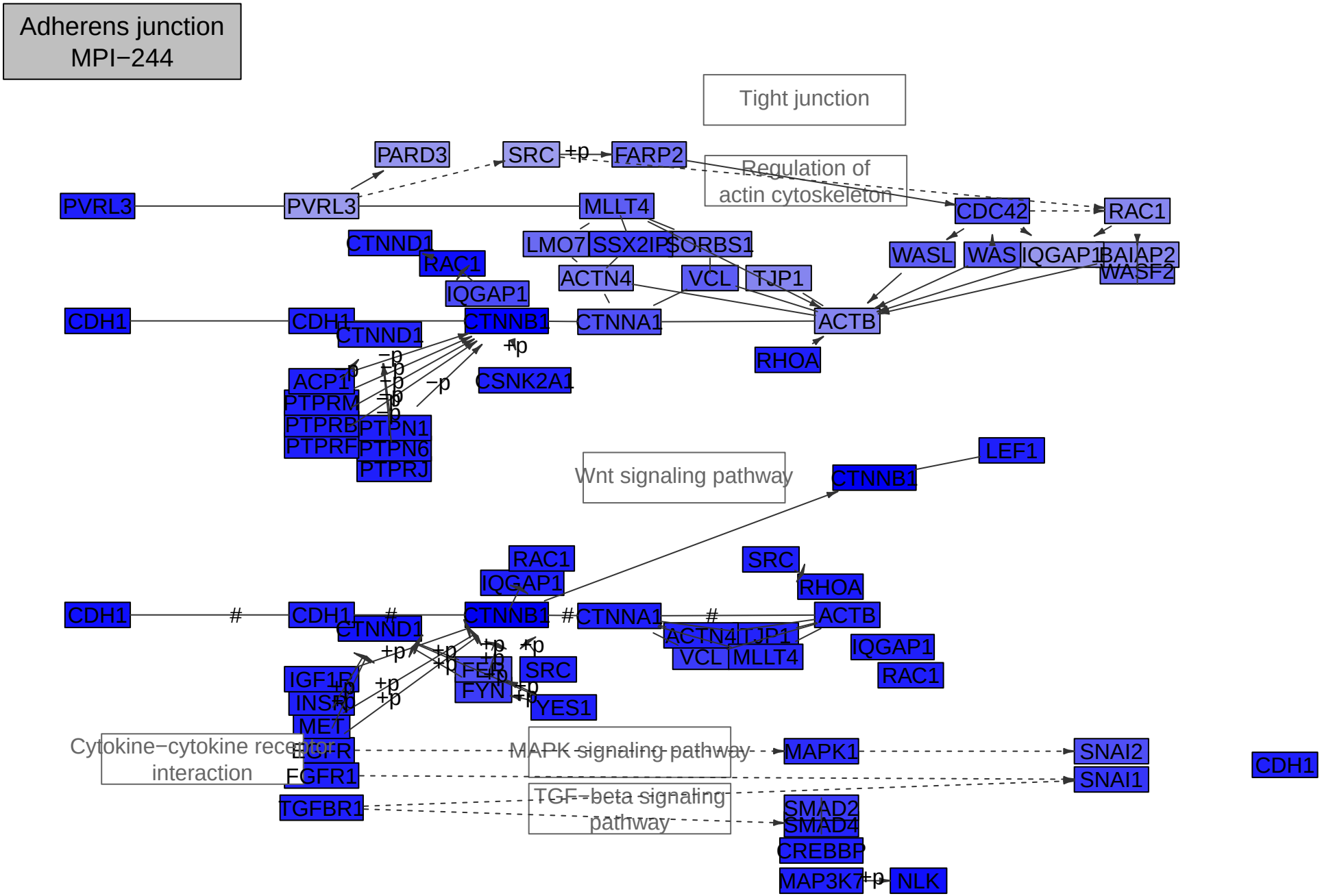
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

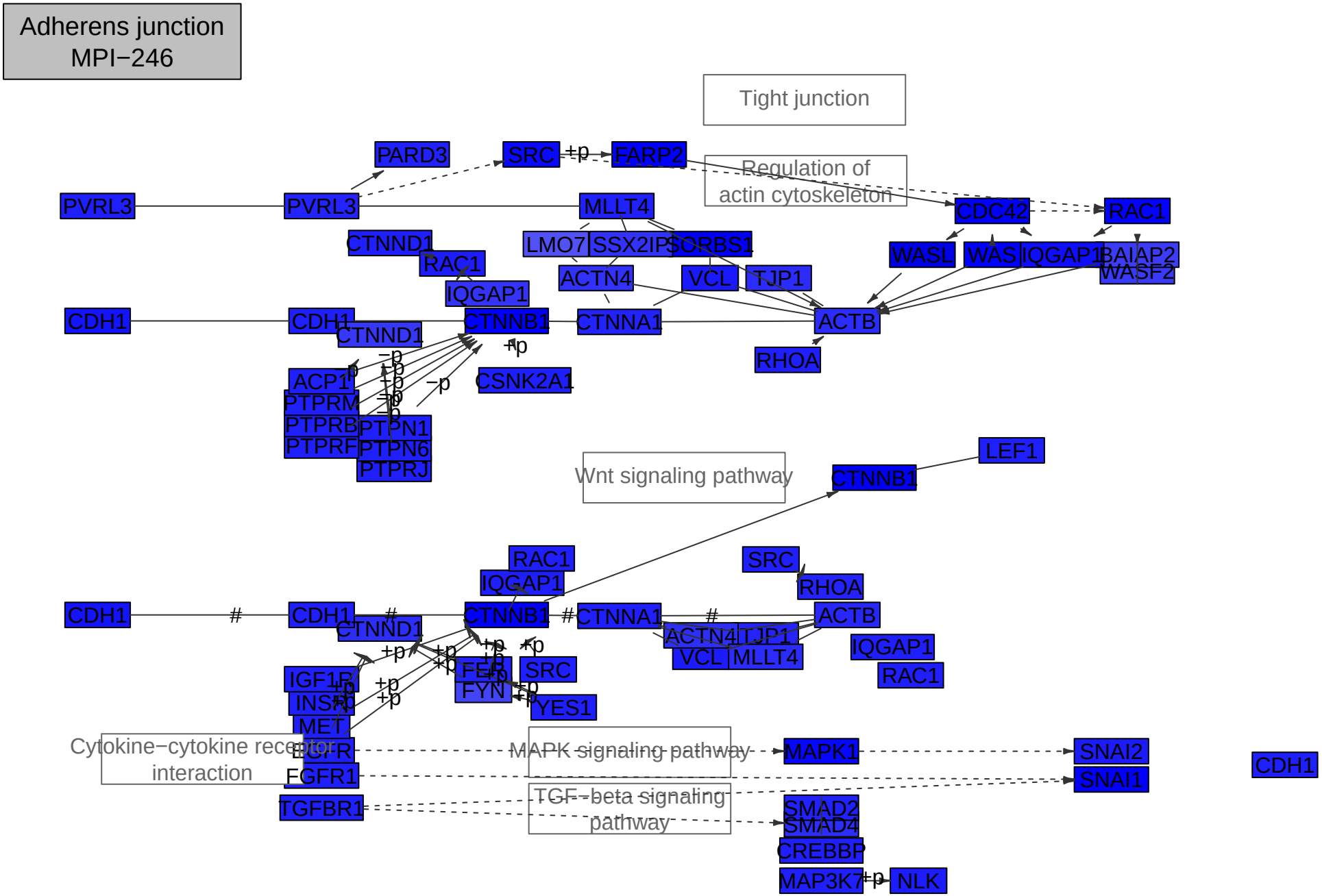

Adherens junction
MPI−237
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
SRC
RHOA
MLLT4
IGF1R
INSR
MET
EGFR
FYN
YES1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

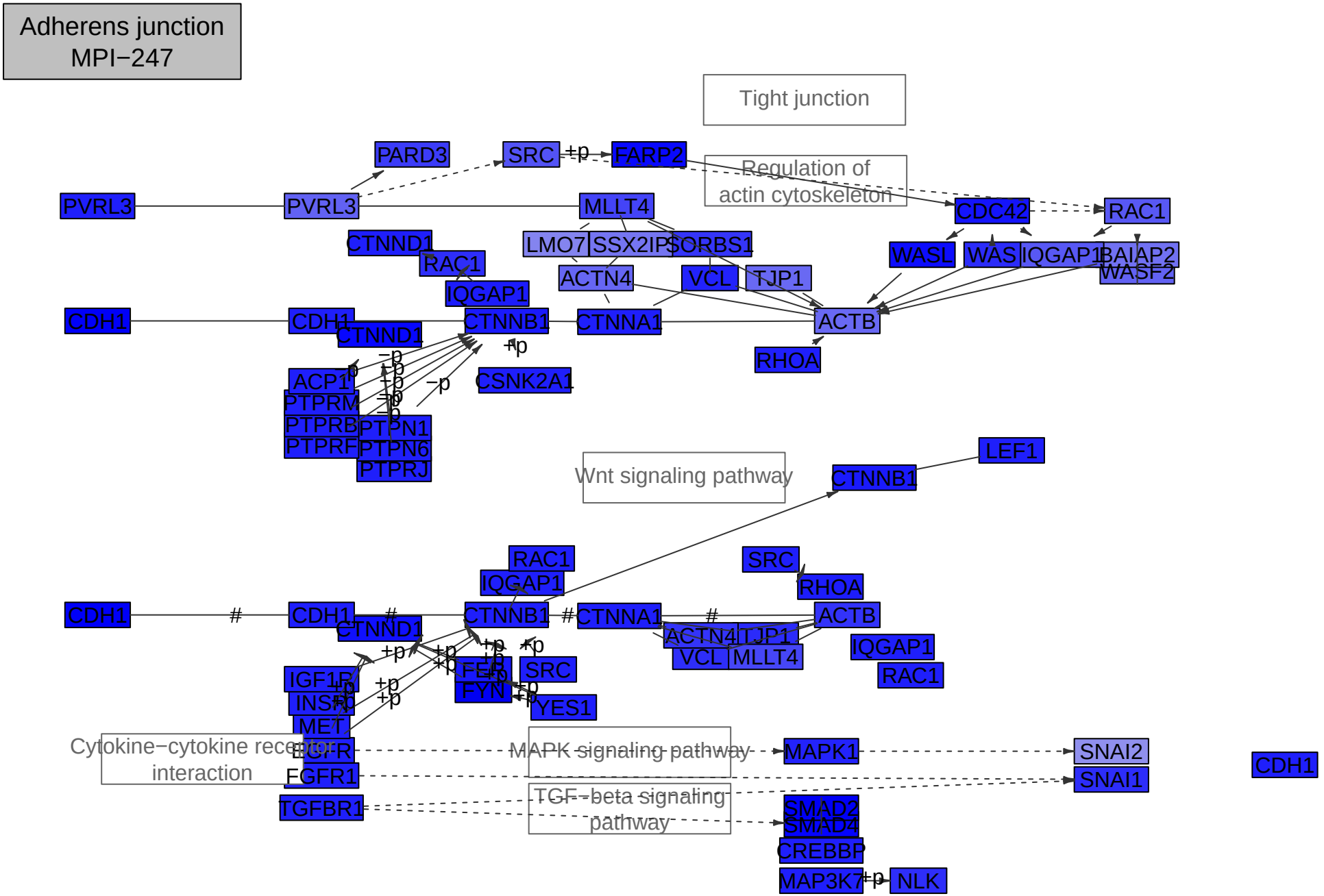

Adherens junction
MPI−239
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

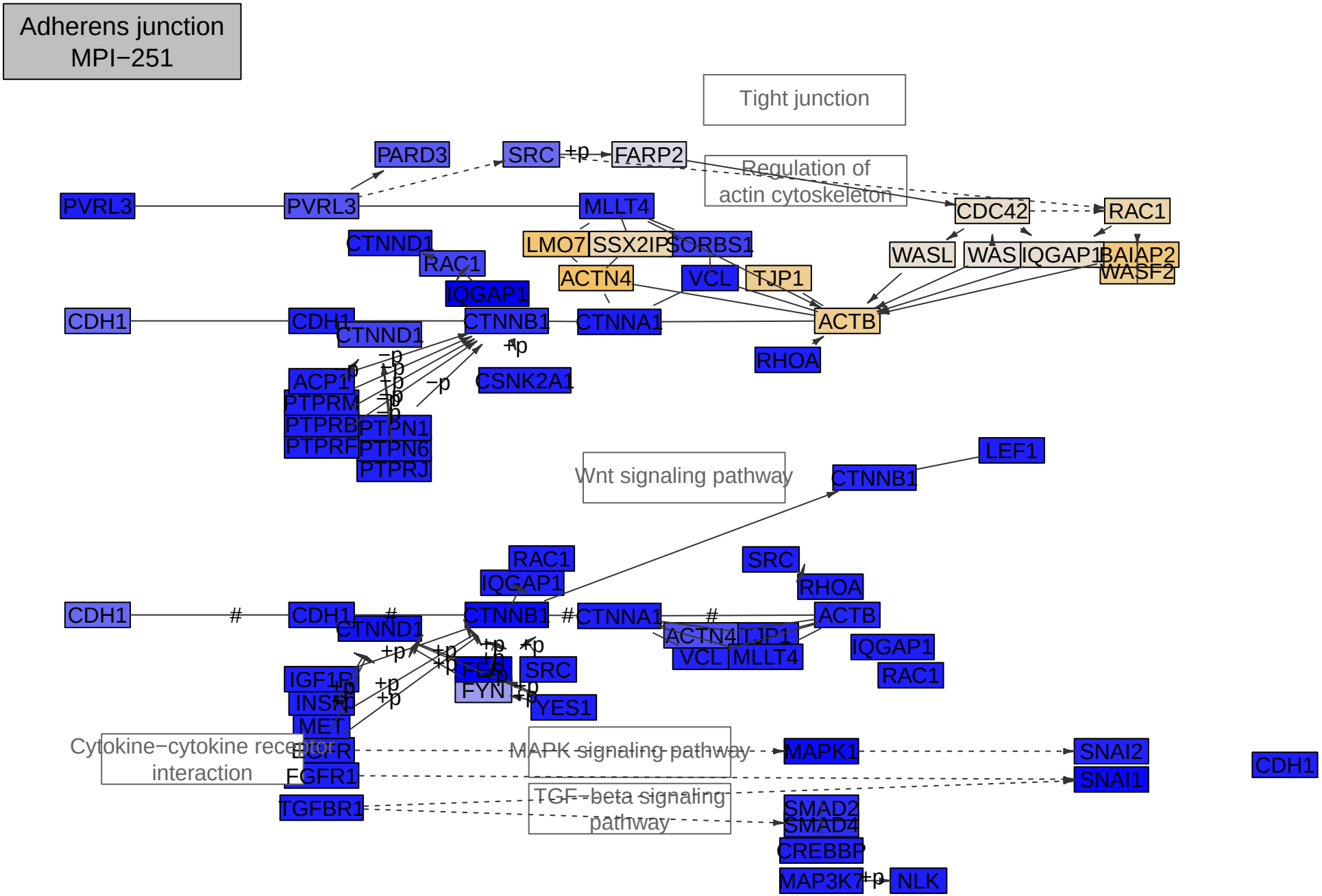

Adherens junction
MPI−241
Tight junction
PARD3
SRC
+p
FARP2
Regulation of
actin cytoskeleton
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
−p
+p
RHOA
ACP1
−p
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
Wnt signaling pathway
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
#
CDH1
#
CTNNB1
#
CTNNA1
#
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
+p
VCL
MLLT4
RAC1
IGF1R
SRC
INSR
FER
FYN
YES1
MET
Cytokine−cytokine receptor
interaction
EGFR
MAPK signaling pathway
MAPK1
SNAI2
CDH1
EGFR
SNAI1
TGF−beta signaling
pathway
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
+p
NLK

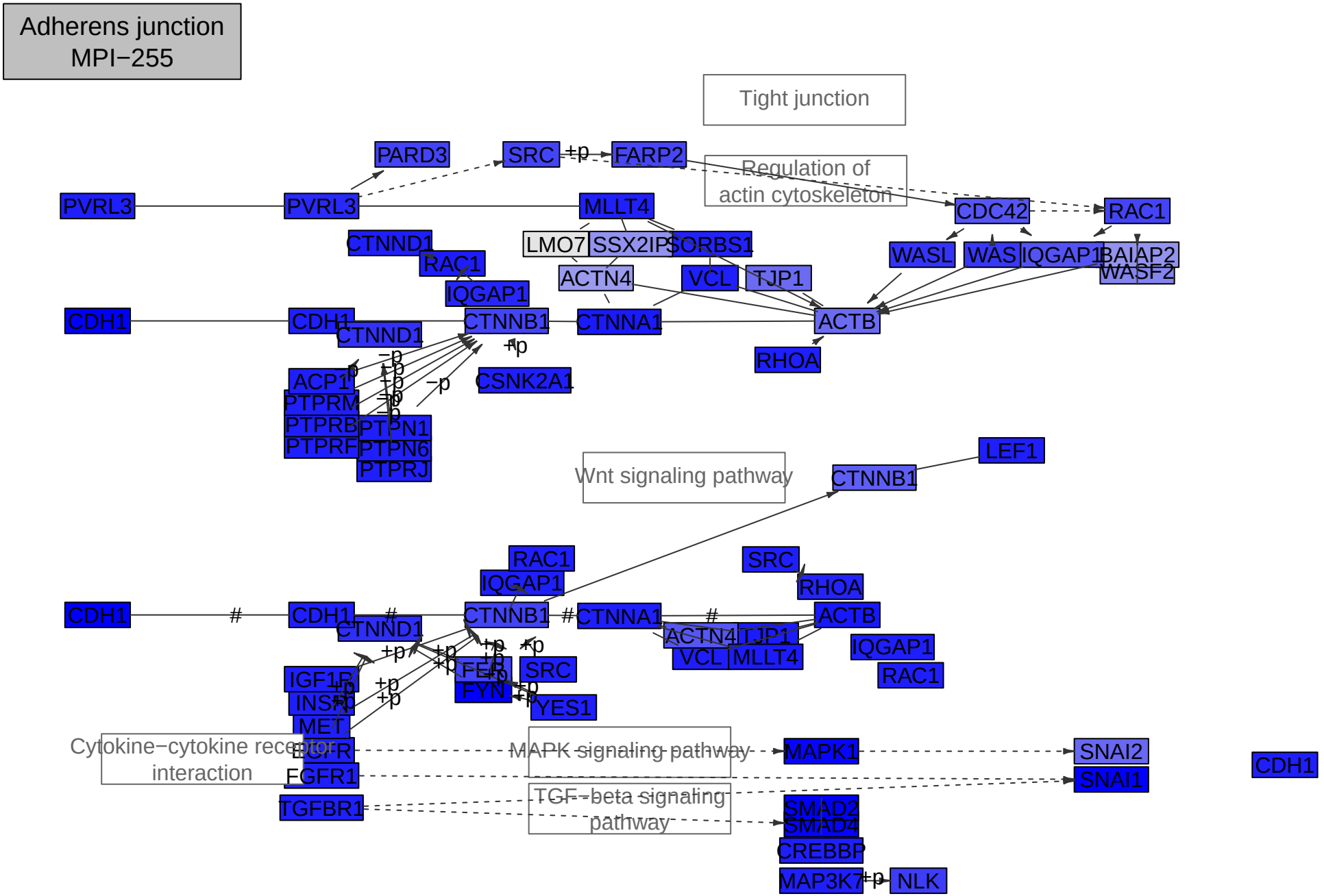

Adherens junction
MPI−243
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK

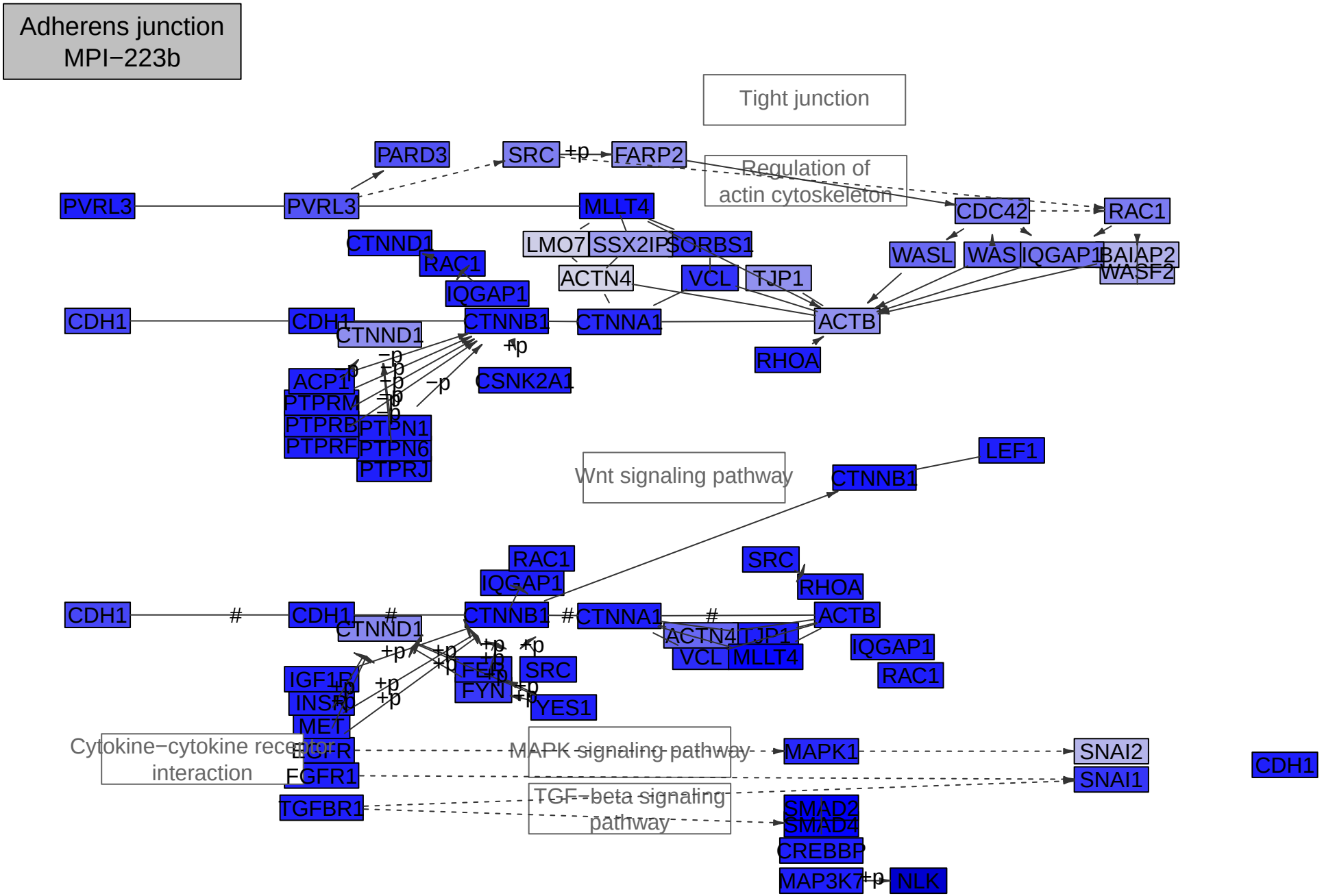

Adherens junction
MPI−244
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−246
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
ORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
IQGAP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−247
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−251
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPRF
PTPN1
PTPN6
PTPRJ
CSNK2A1
LEF1
IQGAP1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−255
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
RAC1
ACTN4
VCL
TJP1
IQGAP1
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
RHOA
ACP1
CSNK2A1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
LEF1
CTNNB1
RAC1
SRC
IQGAP1
RHOA
CDH1
CDH1
CTNNB1
CTNNA1
ACTB
CTNND1
ACTN4
TJP1
IQGAP1
VCL
MLLT4
RAC1
IGF1R
FER
SRC
INSR
FYN
YES1
MET
EGFR
EGFR1
TGFBR1
MAPK1
SNAI2
SNAI1
CDH1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK


Adherens junction
MPI−223b
Tight junction
Regulation of
actin cytoskeleton
Wnt signaling pathway
Cytokine−cytokine receptor
interaction
MAPK signaling pathway
TGF−beta signaling
pathway
PARD3
SRC
FARP2
PVRL3
MLLT4
CDC42
RAC1
CTNND1
LMO7
SSX2IP
SORBS1
WASL
WAS
IQGAP1
BAIAP2
WASF2
ACTN4
VCL
TJP1
CDH1
CTNNB1
CTNNA1
ACTB
RHOA
ACP1
PTPRM
PTPRB
PTPN1
PTPRF
PTPN6
PTPRJ
CSNK2A1
LEF1
IGF1R
INSR
MET
EGFR
FES
FYN
YES1
MAPK1
SNAI2
SNAI1
TGFBR1
SMAD2
SMAD4
CREBBP
MAP3K7
NLK