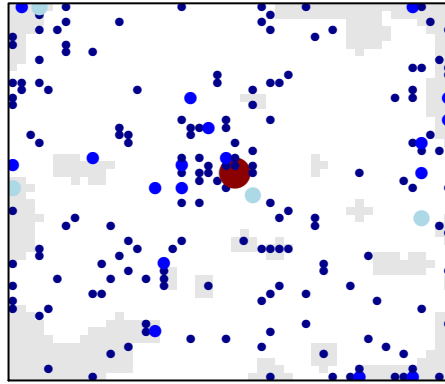


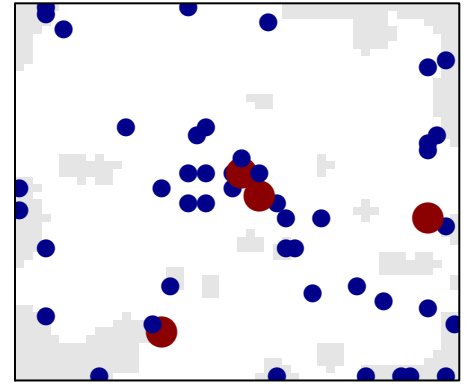
Dopaminergic synapse

all genes

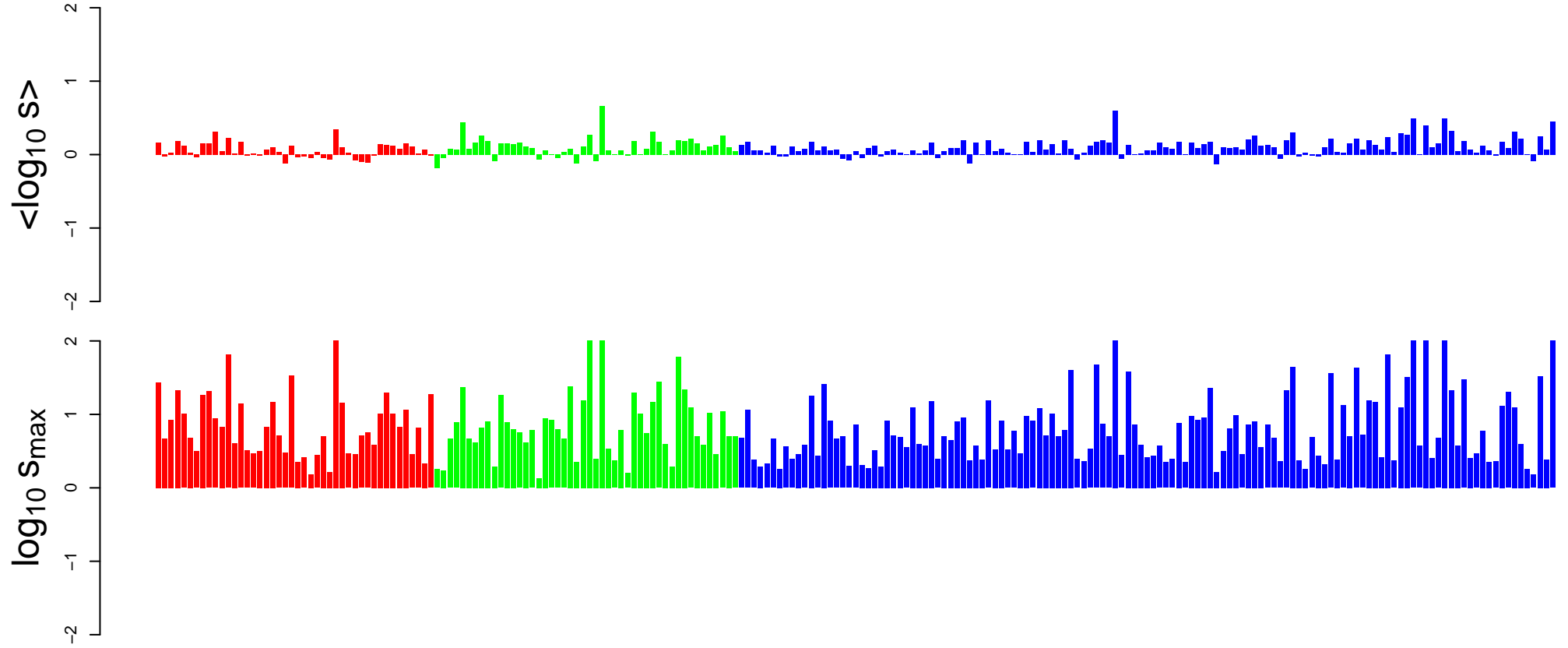


maximum = 7

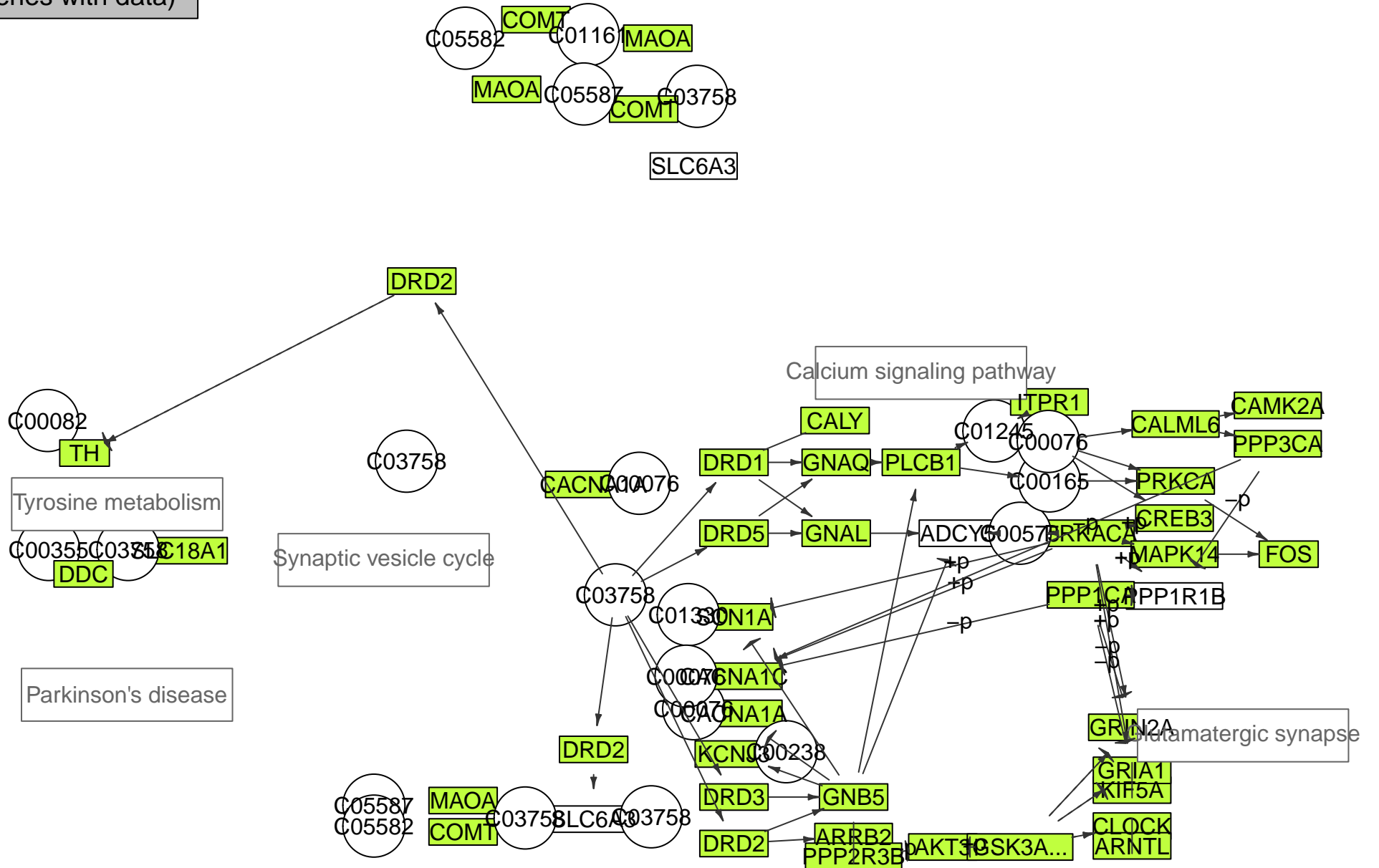
sink node genes



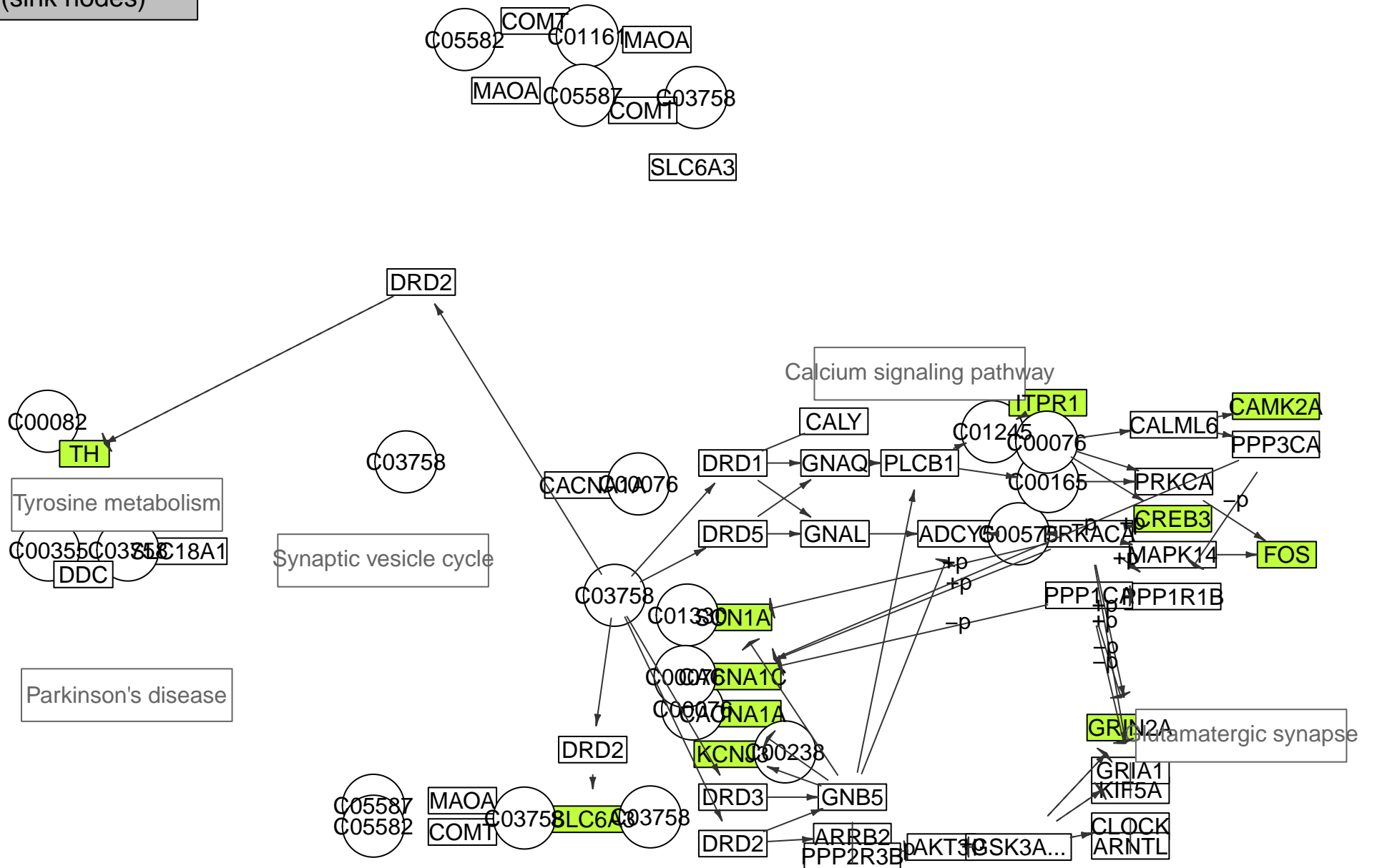
maximum = 2



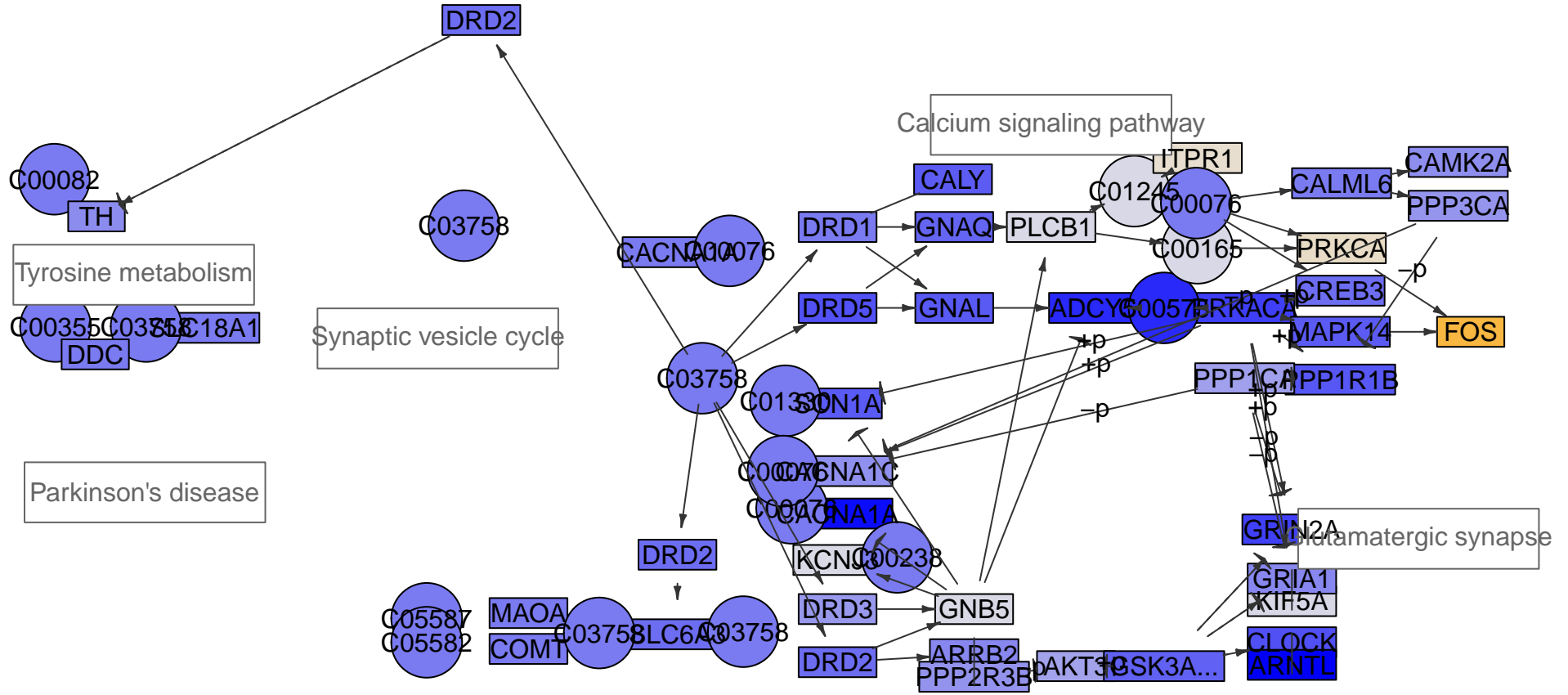
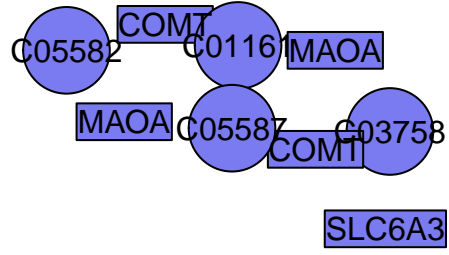
Dopaminergic synapse
(genes with data)



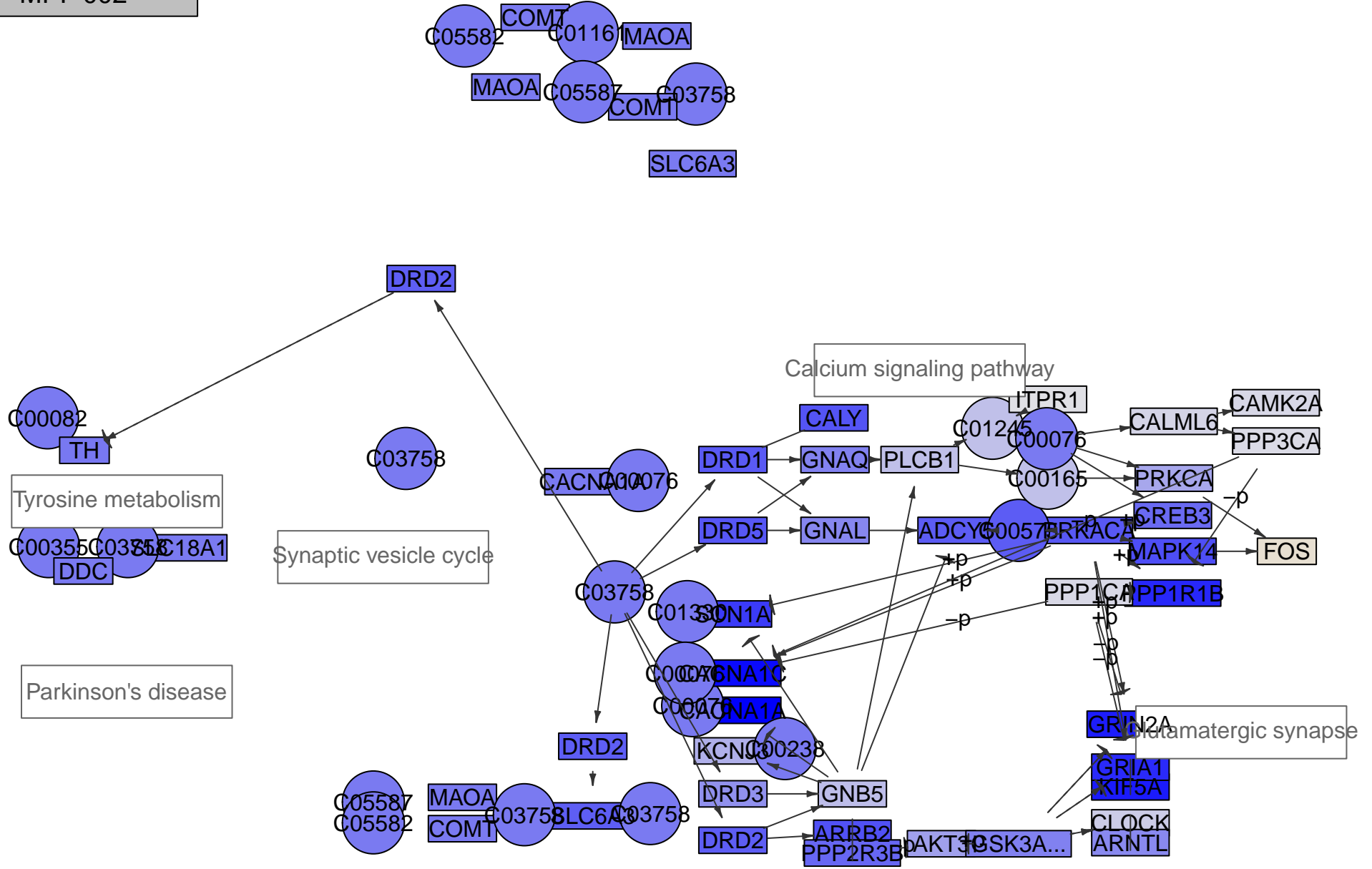
Dopaminergic synapse
(sink nodes)



Dopaminergic synapse
MPI-001



Dopaminergic synapse
MPI-002



Synaptic vesicle cycle

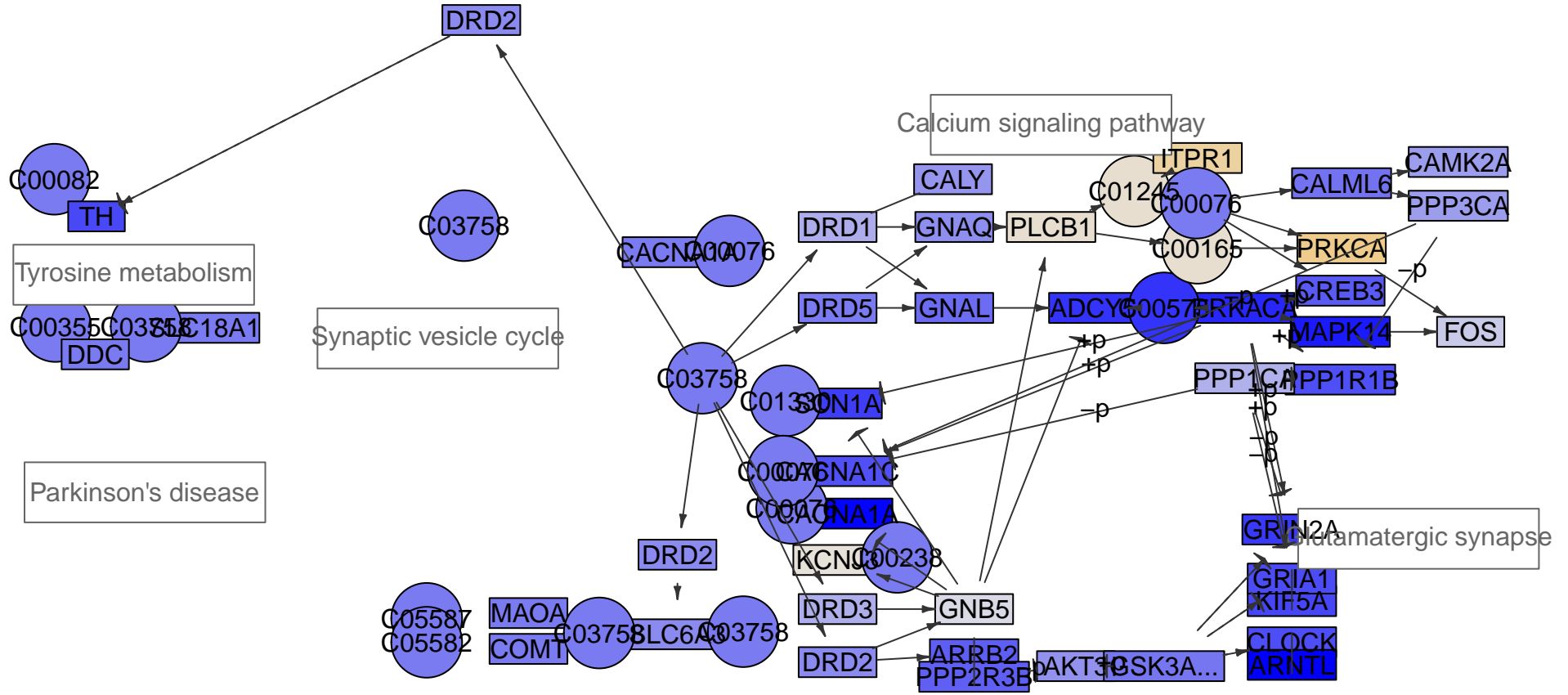
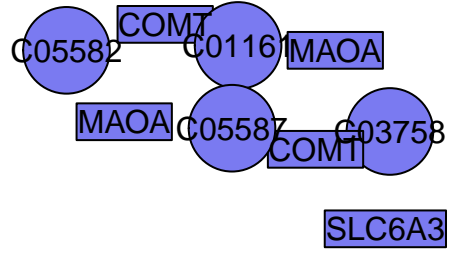
Calcium signaling pathway

Tyrosine metabolism

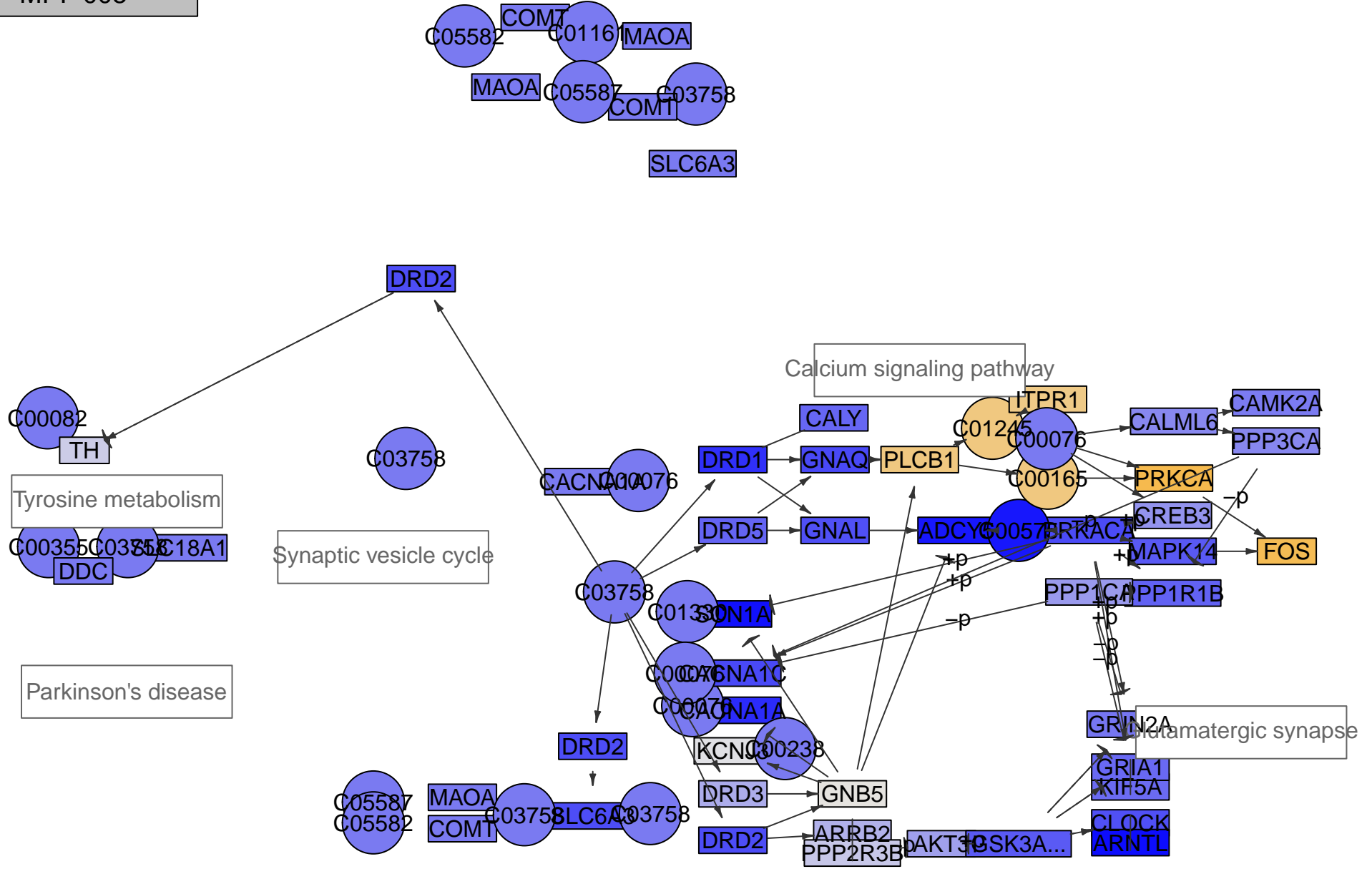
Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-003



Dopaminergic synapse
MPI-005



Tyrosine metabolism

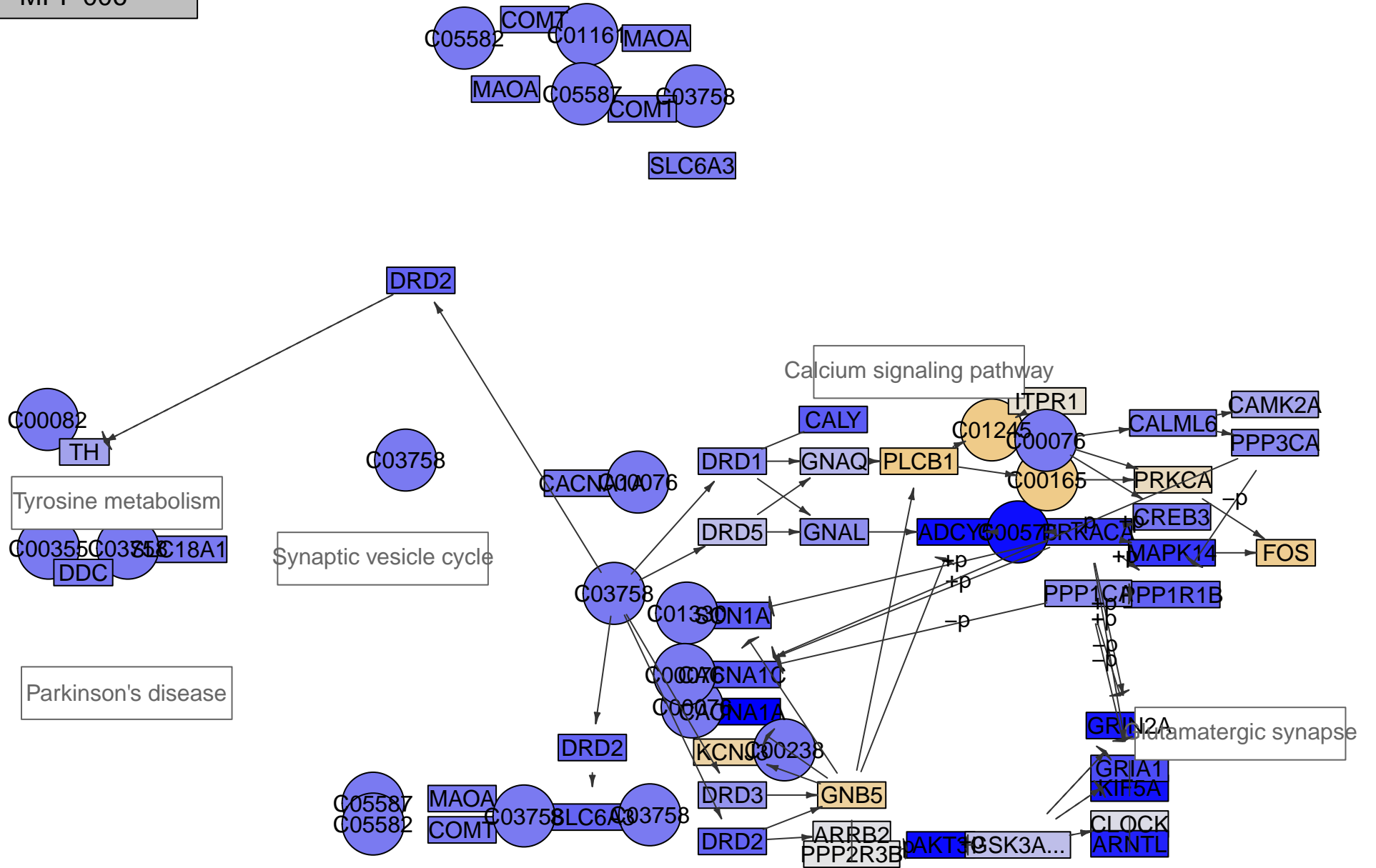
Synaptic vesicle cycle

Calcium signaling pathway

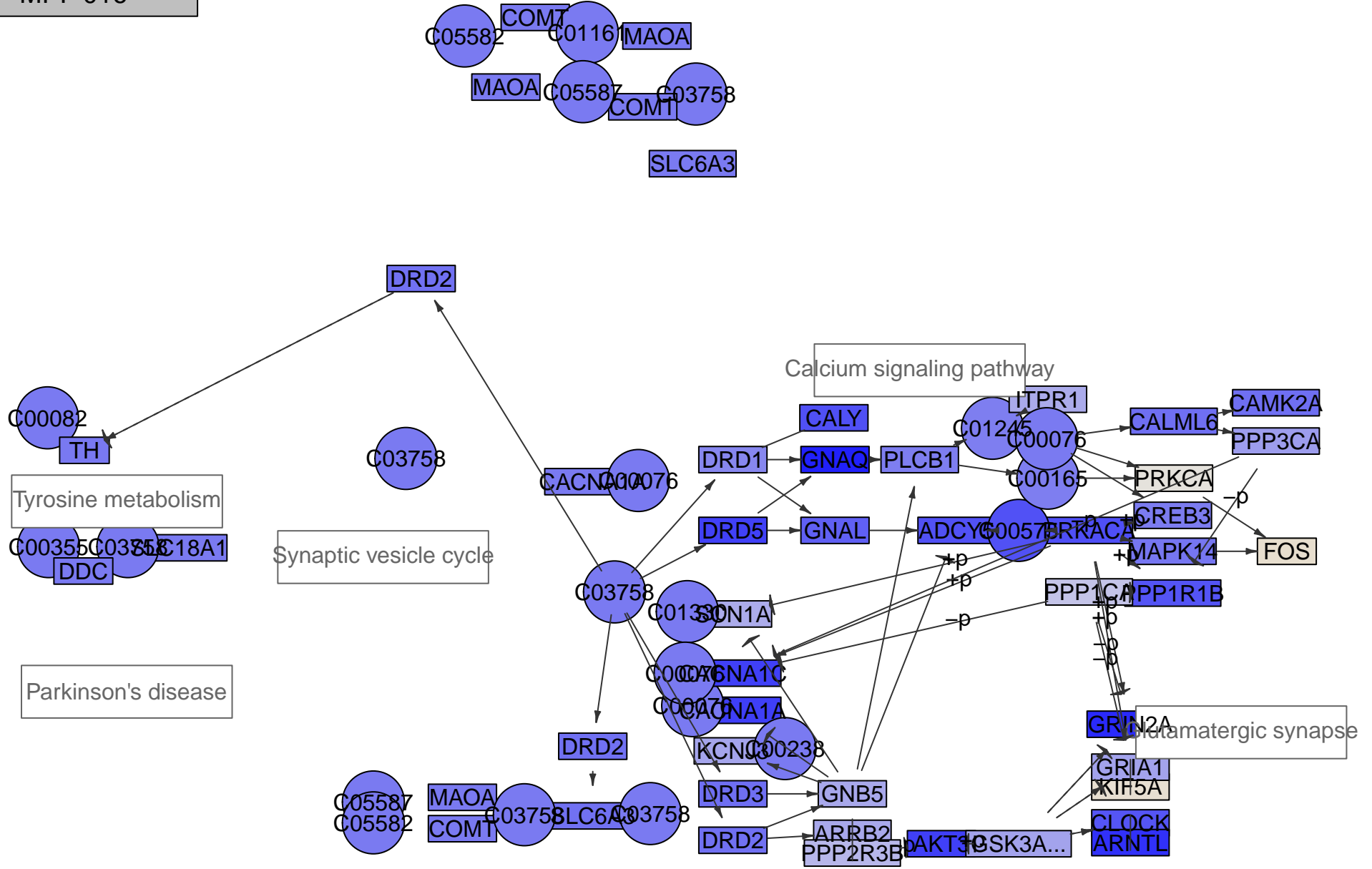
Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-006



Dopaminergic synapse
MPI-016



Tyrosine metabolism

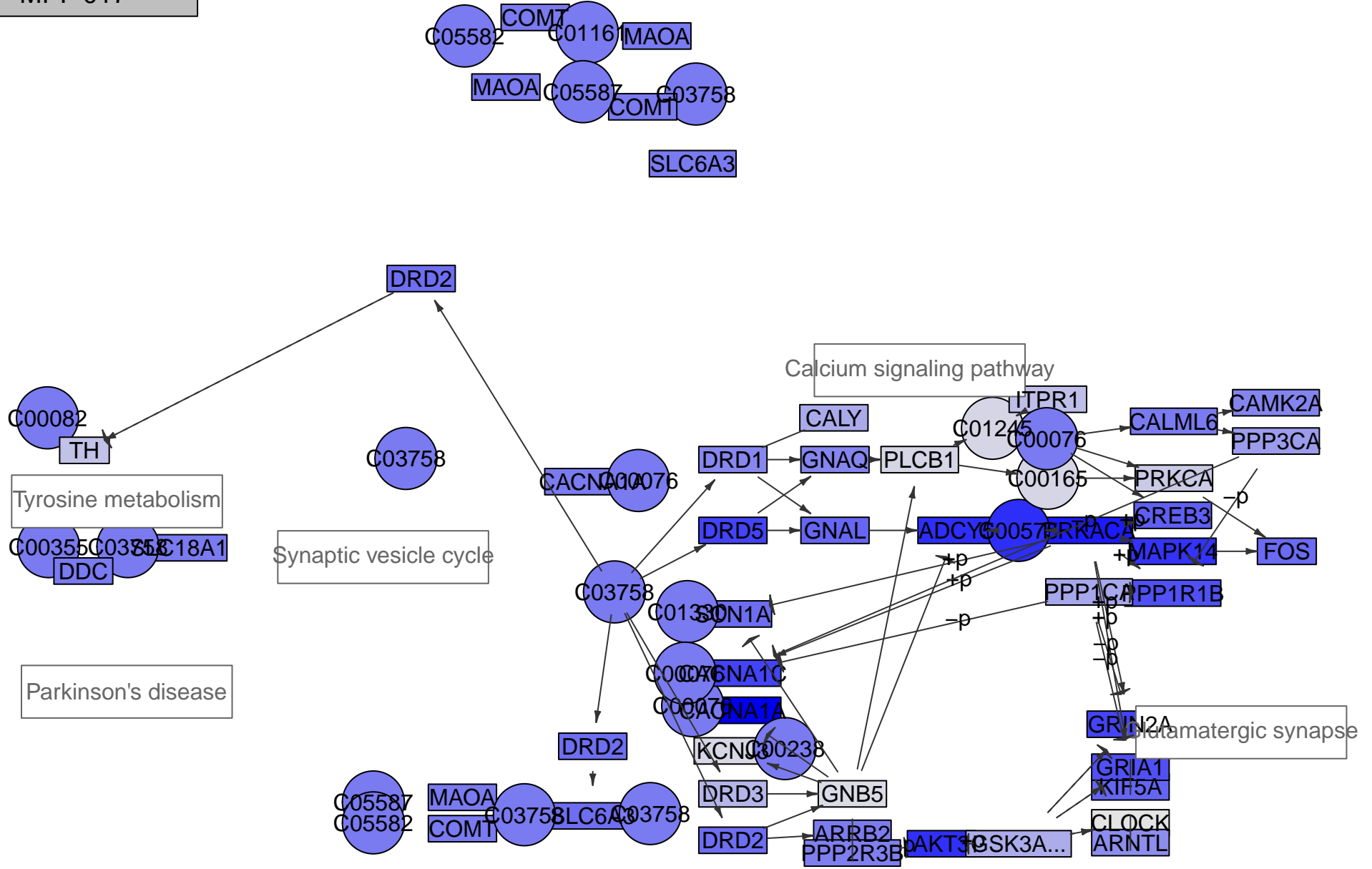
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-017



Synaptic vesicle cycle

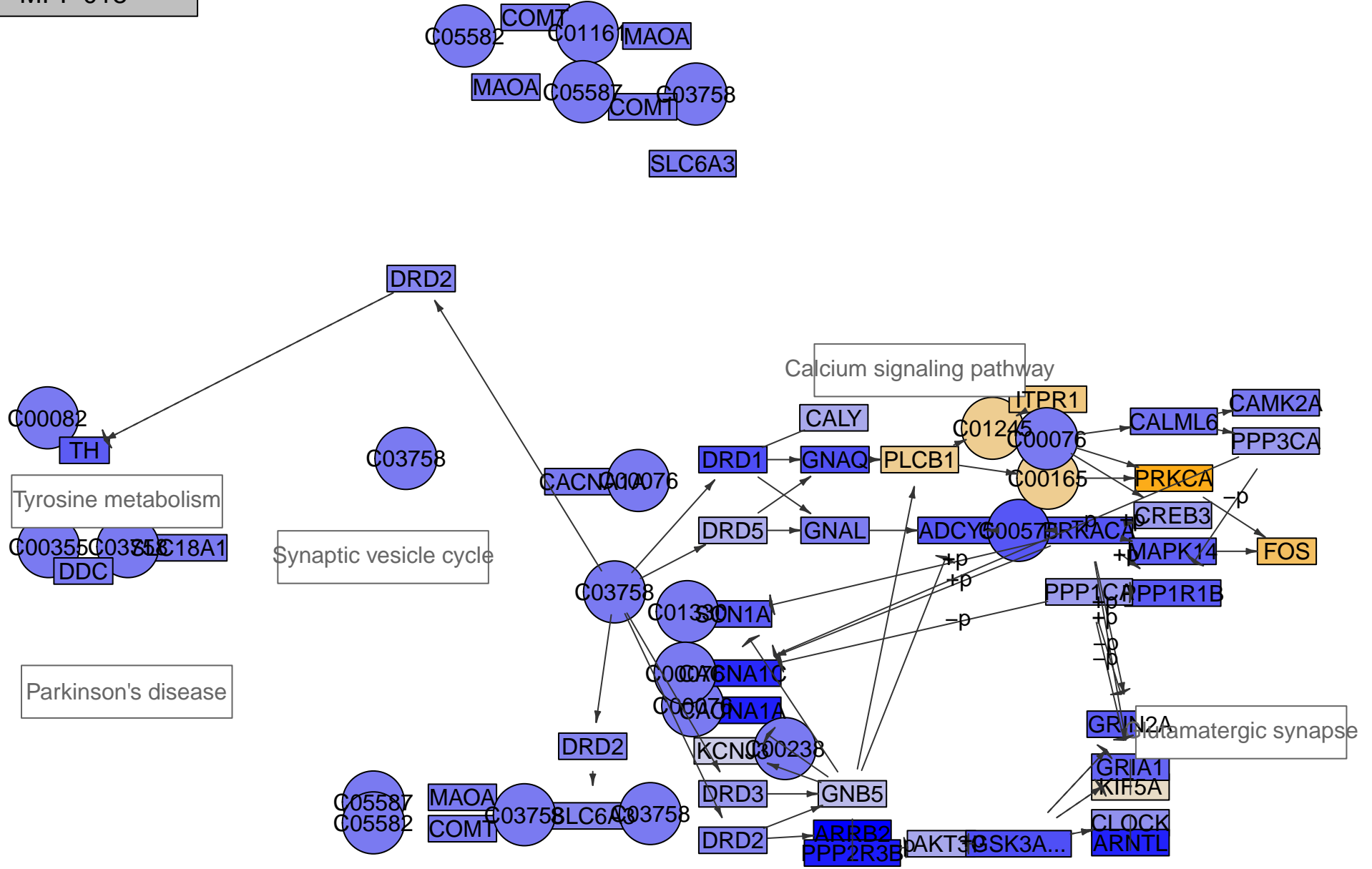
Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-018



Synaptic vesicle cycle

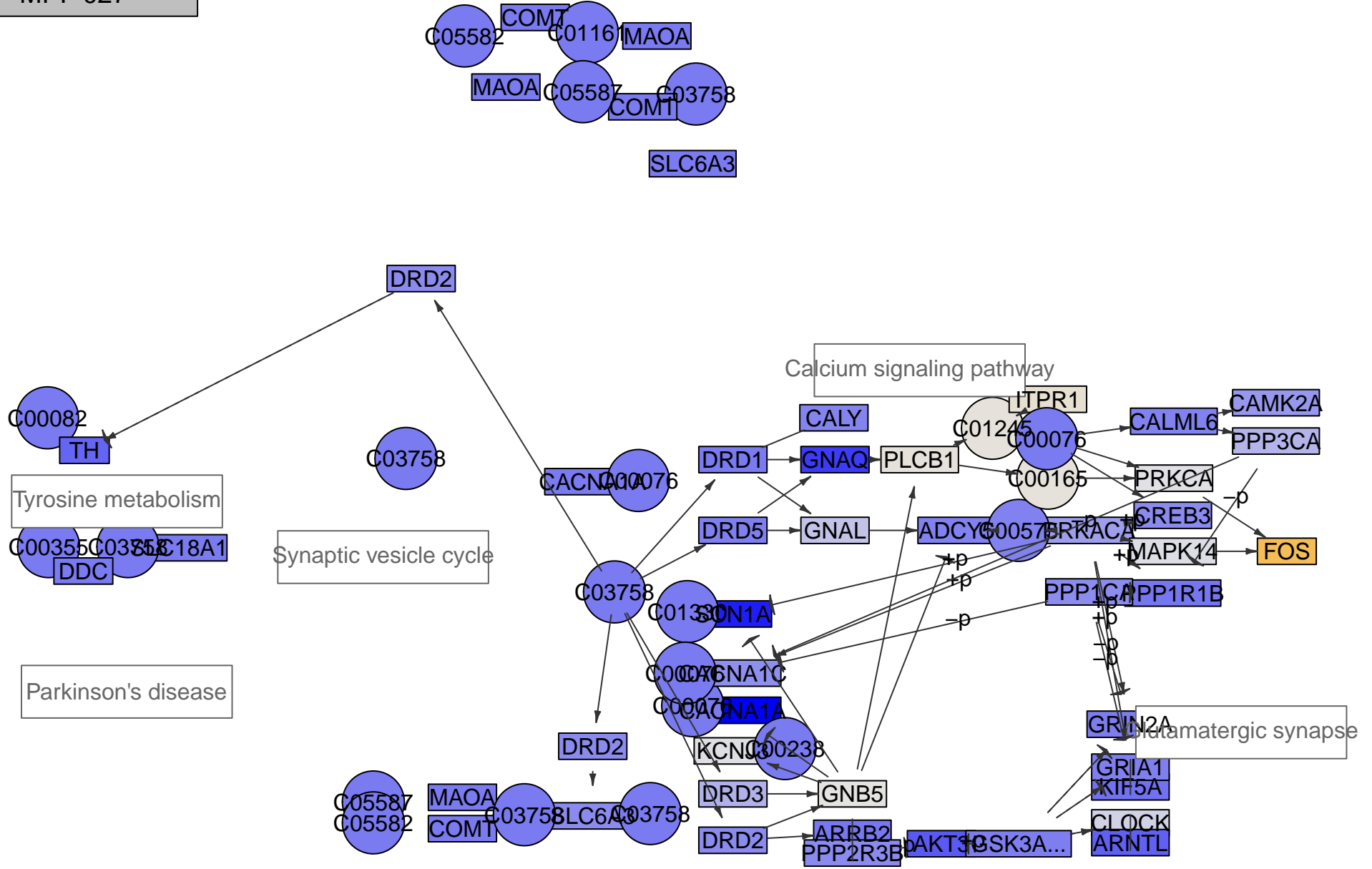
Calcium signaling pathway

Tyrosine metabolism

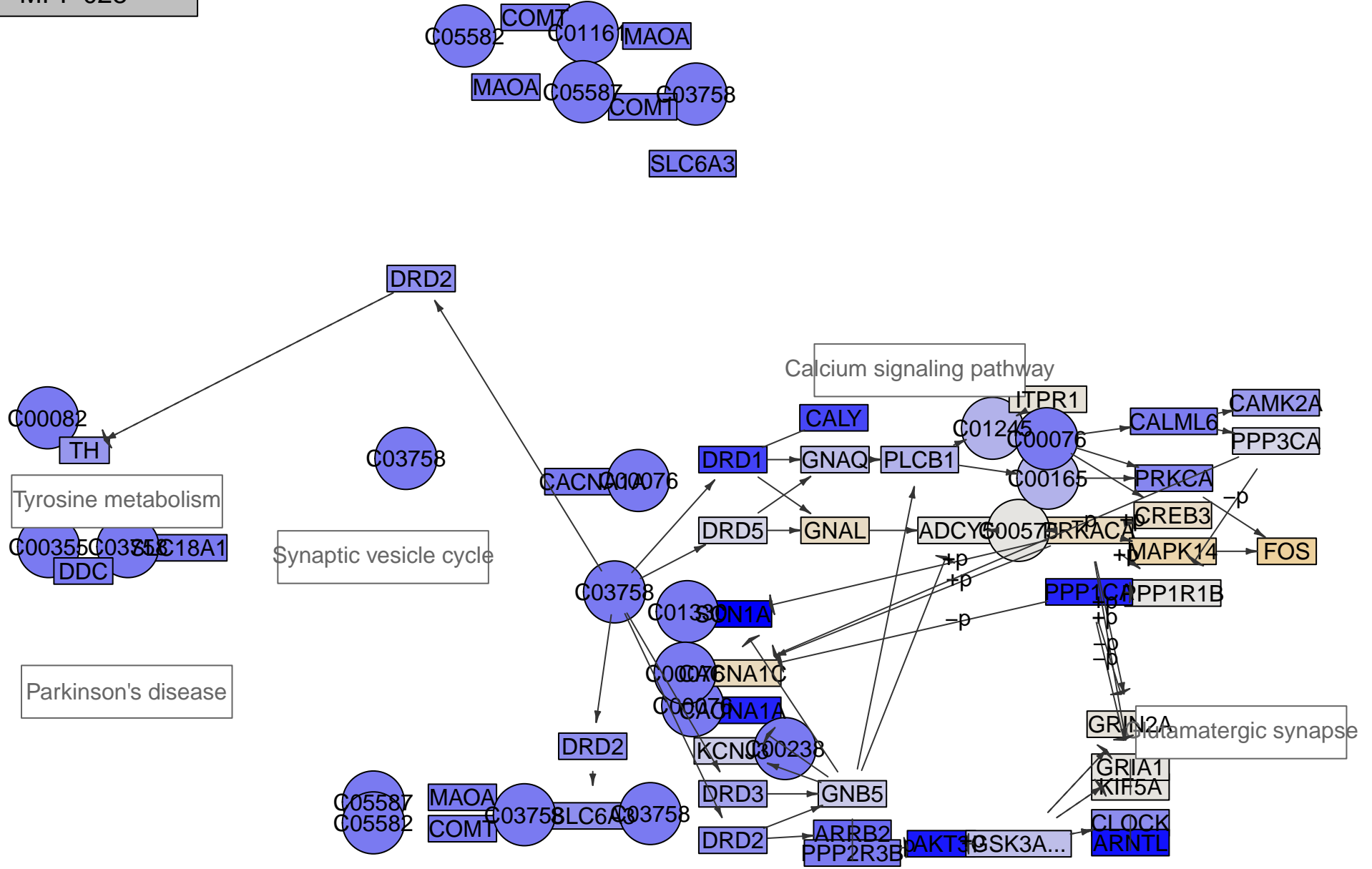
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-027



Dopaminergic synapse
MPI-028



Tyrosine metabolism

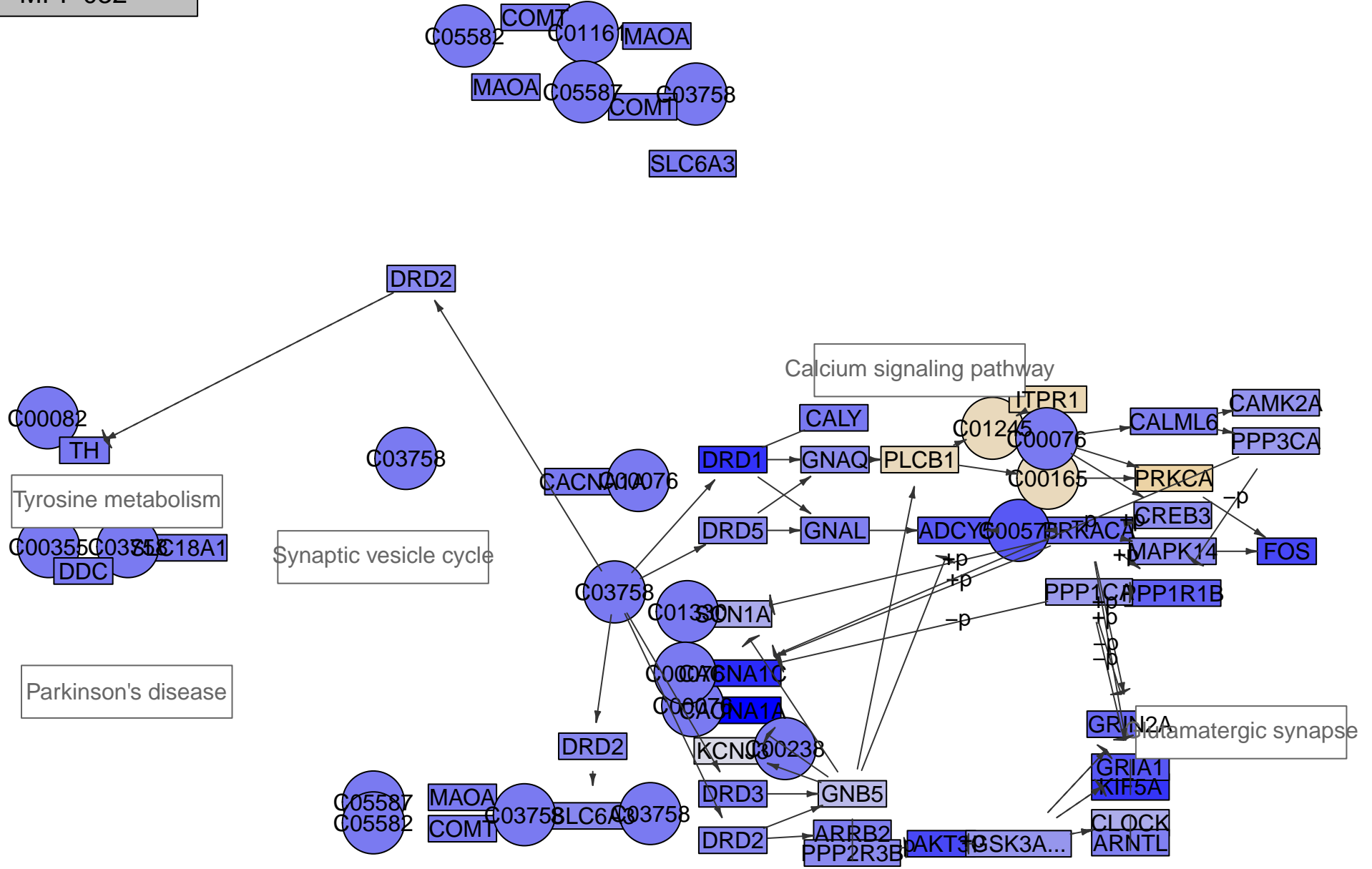
Synaptic vesicle cycle

Calcium signaling pathway

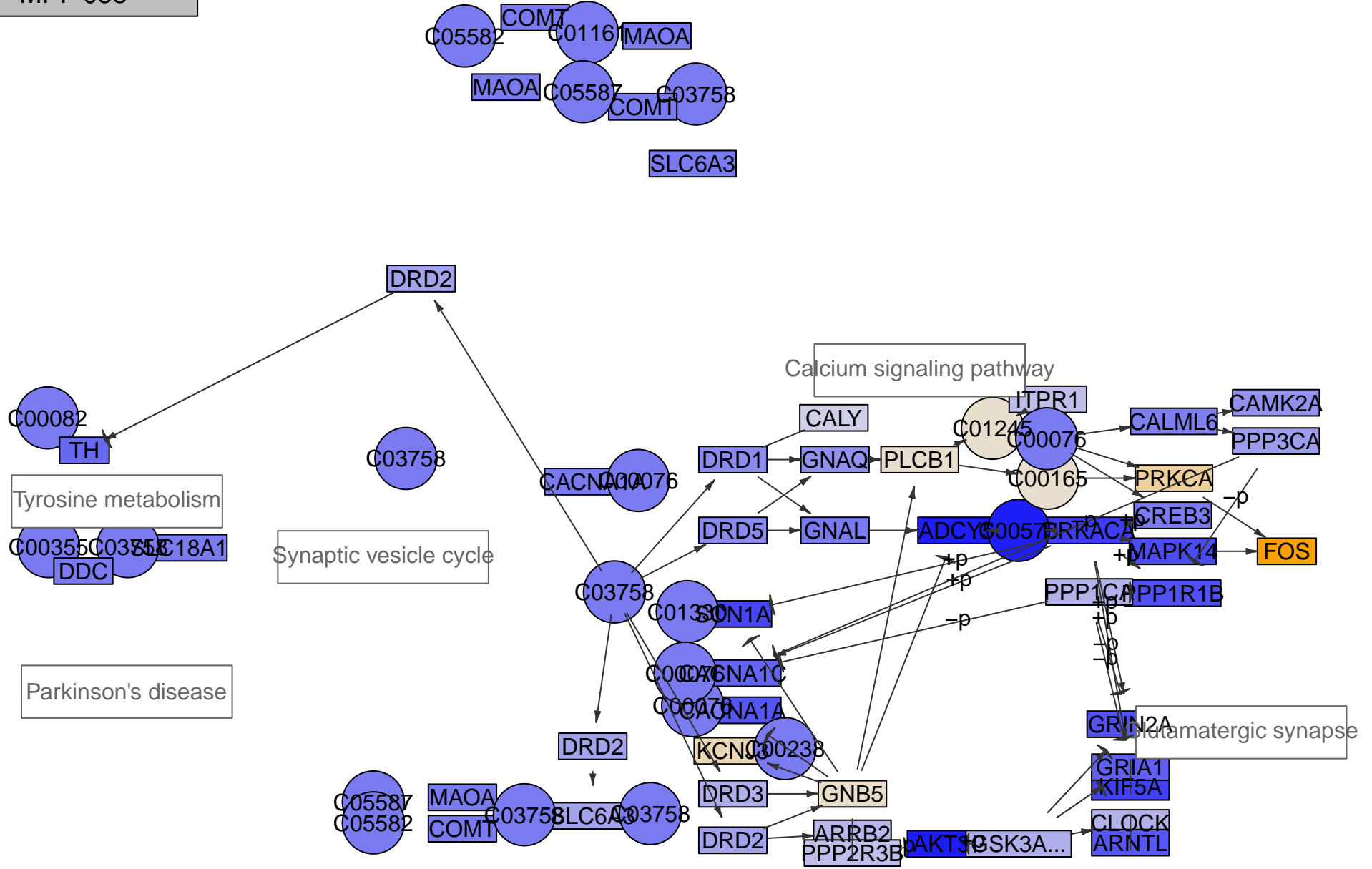
Dopaminergic synapse

Parkinson's disease

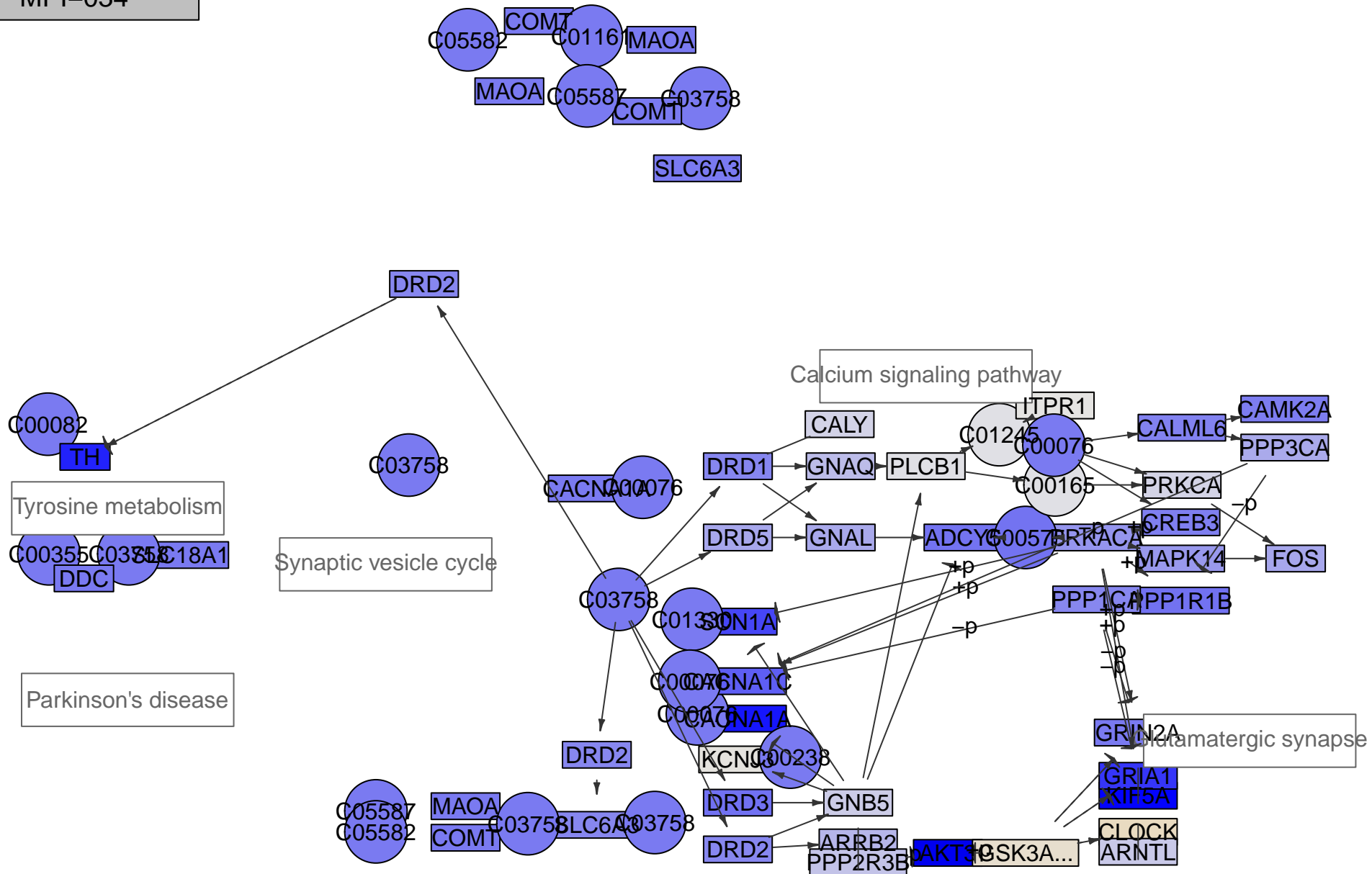
Dopaminergic synapse
MPI-032



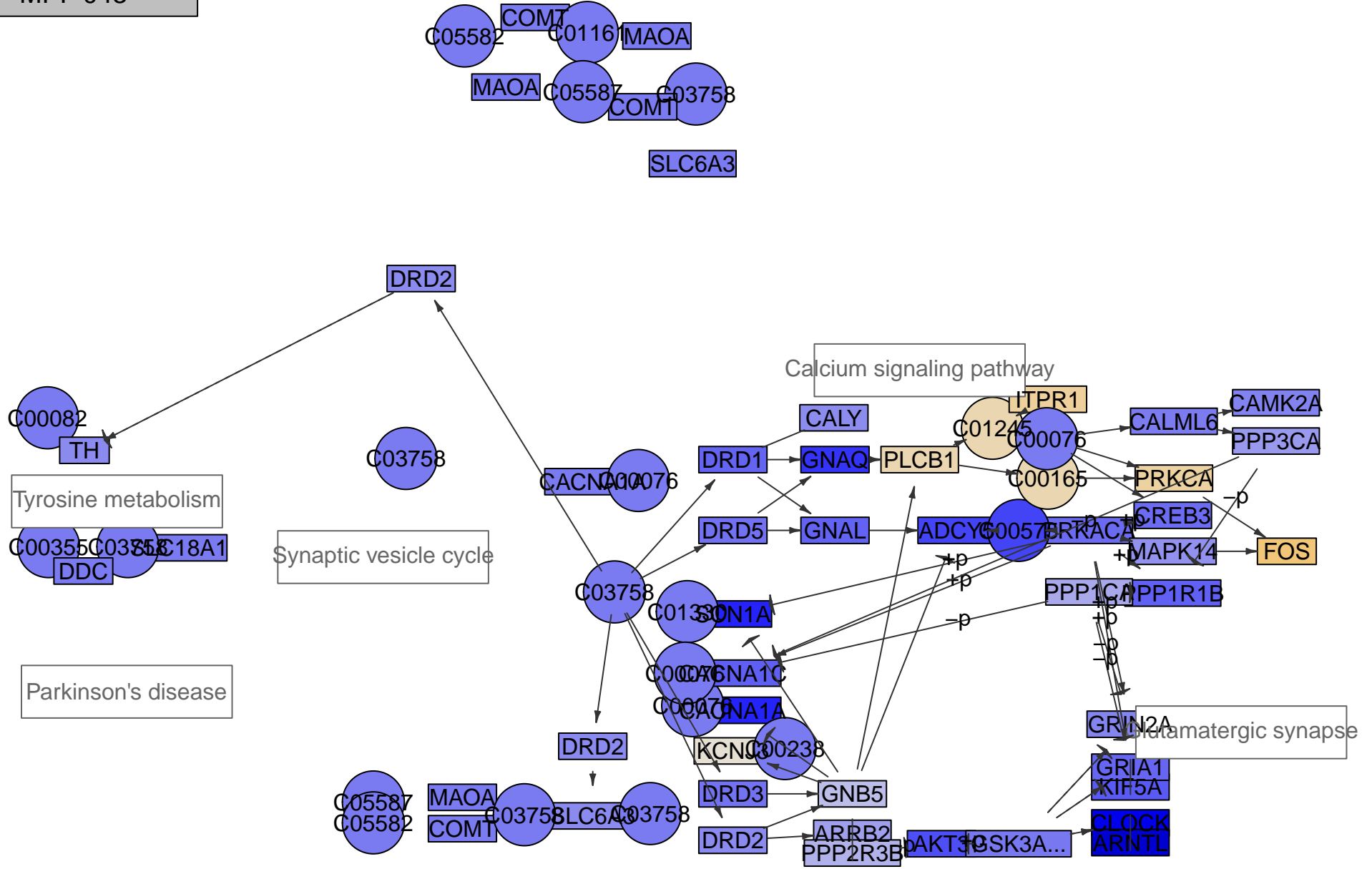
Dopaminergic synapse
MPI-033



Dopaminergic synapse
MPI-034



Dopaminergic synapse
MPI-043



Synaptic vesicle cycle

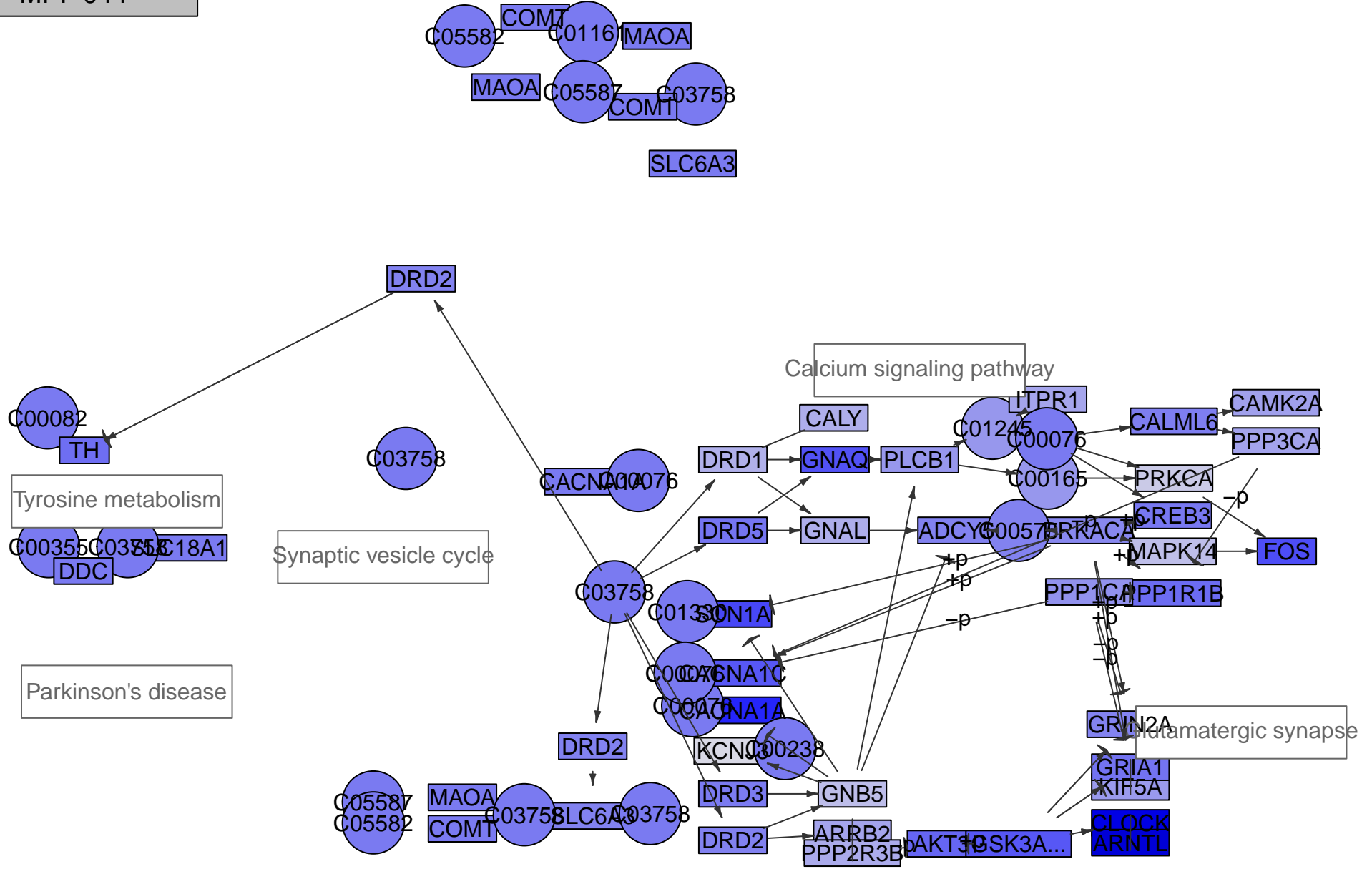
Calcium signaling pathway

Tyrosine metabolism

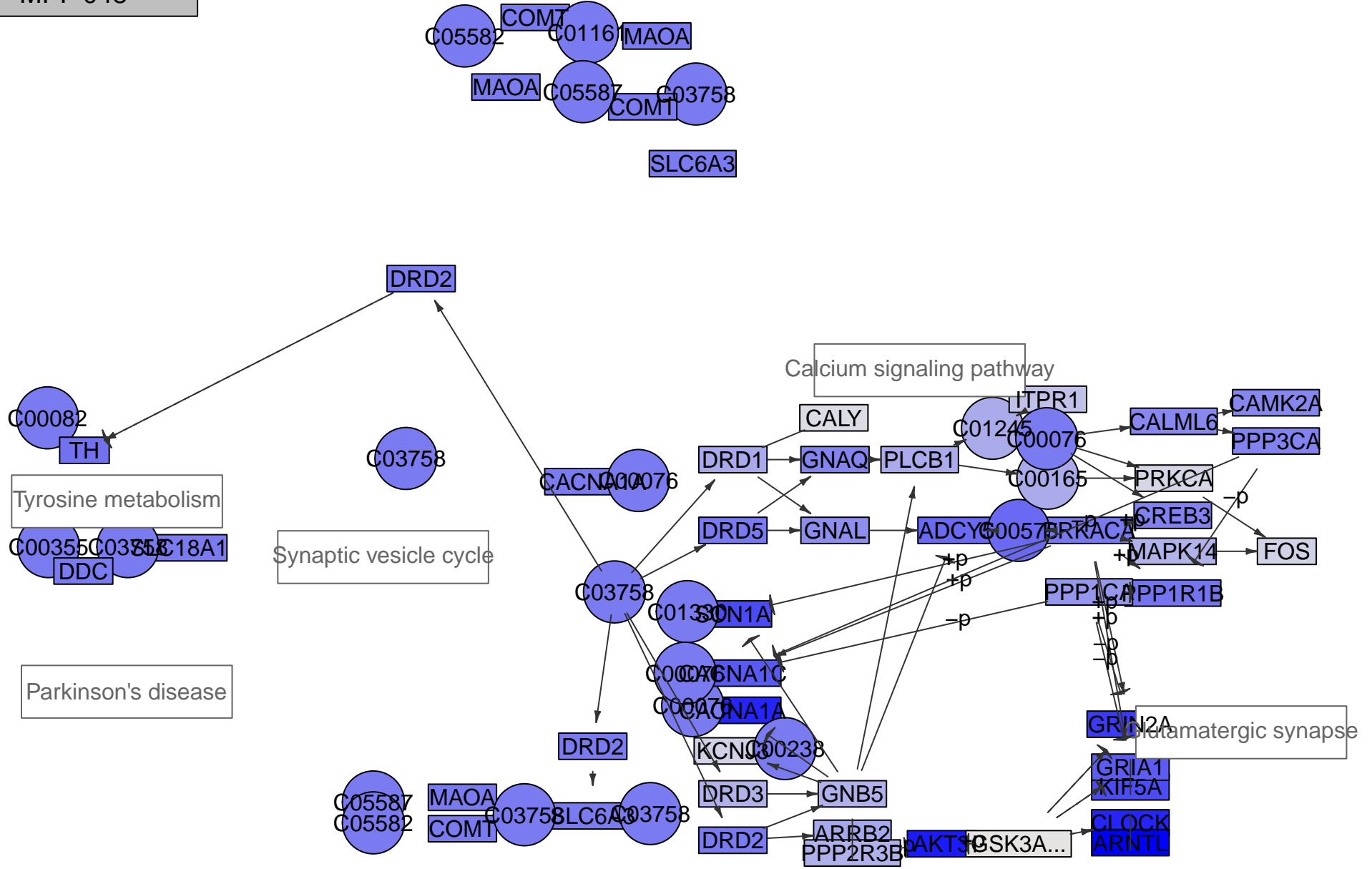
Parkinson's disease

Dopaminergic synapse

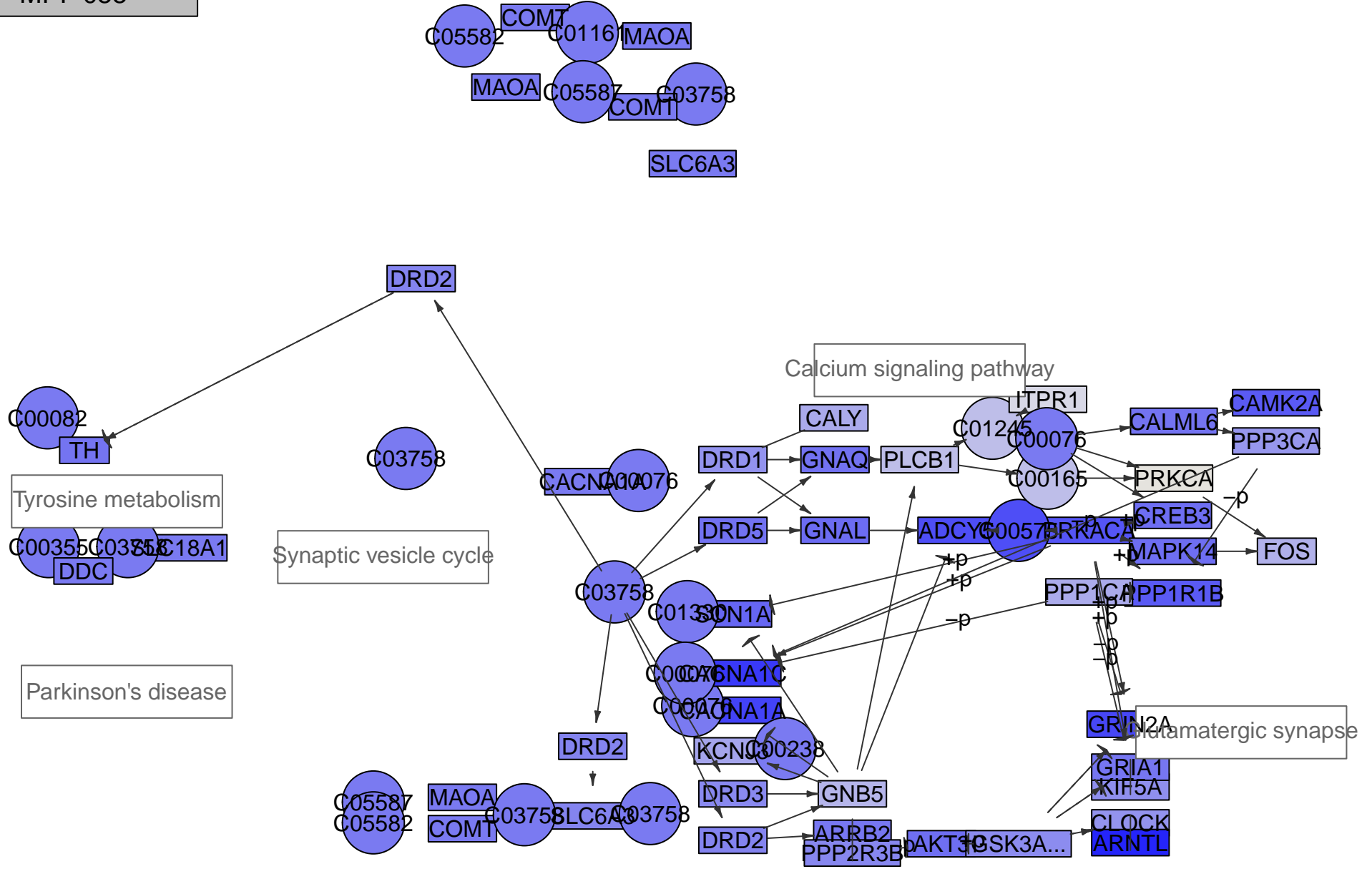
Dopaminergic synapse
MPI-044



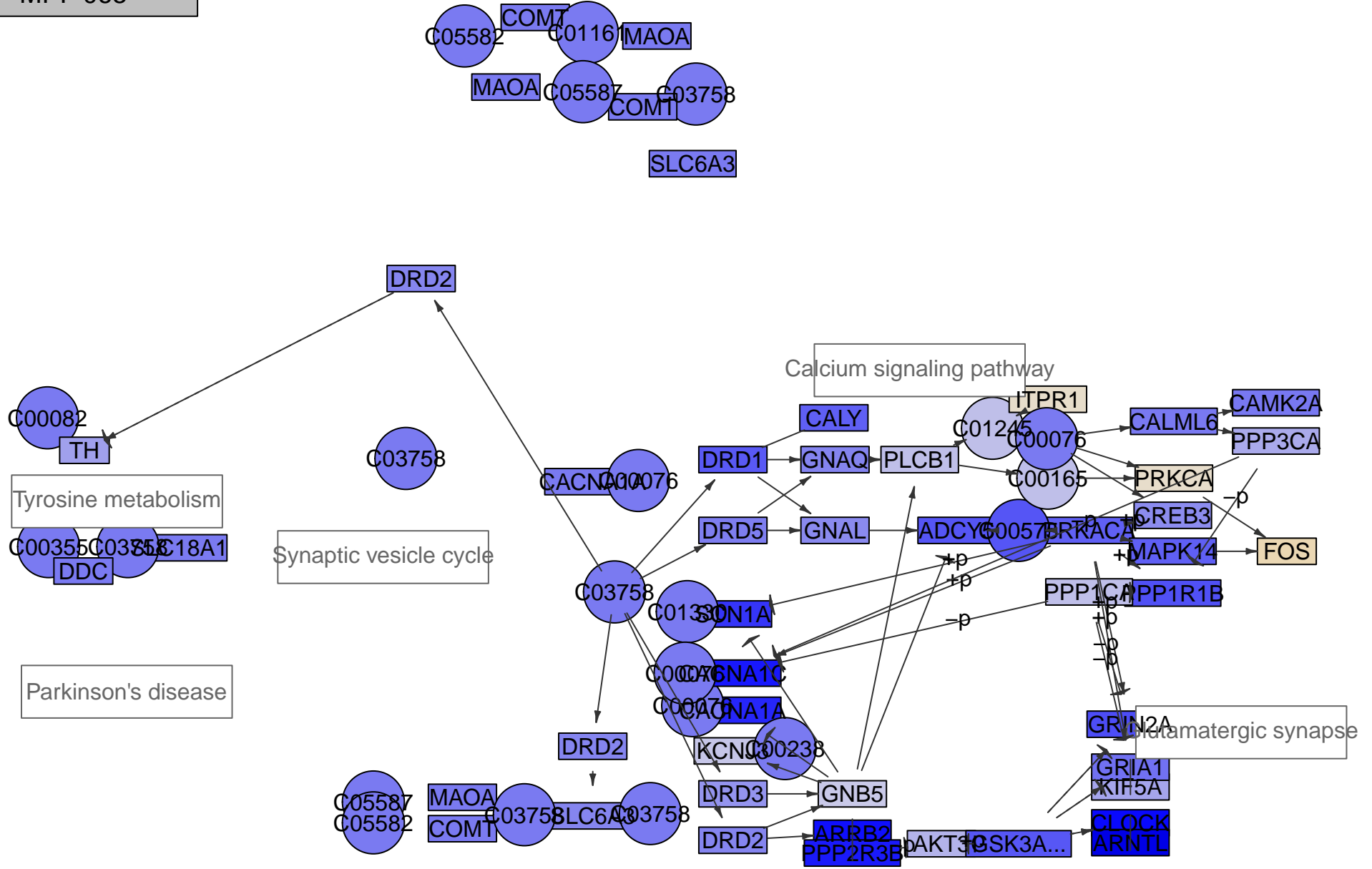
Dopaminergic synapse
MPI-048



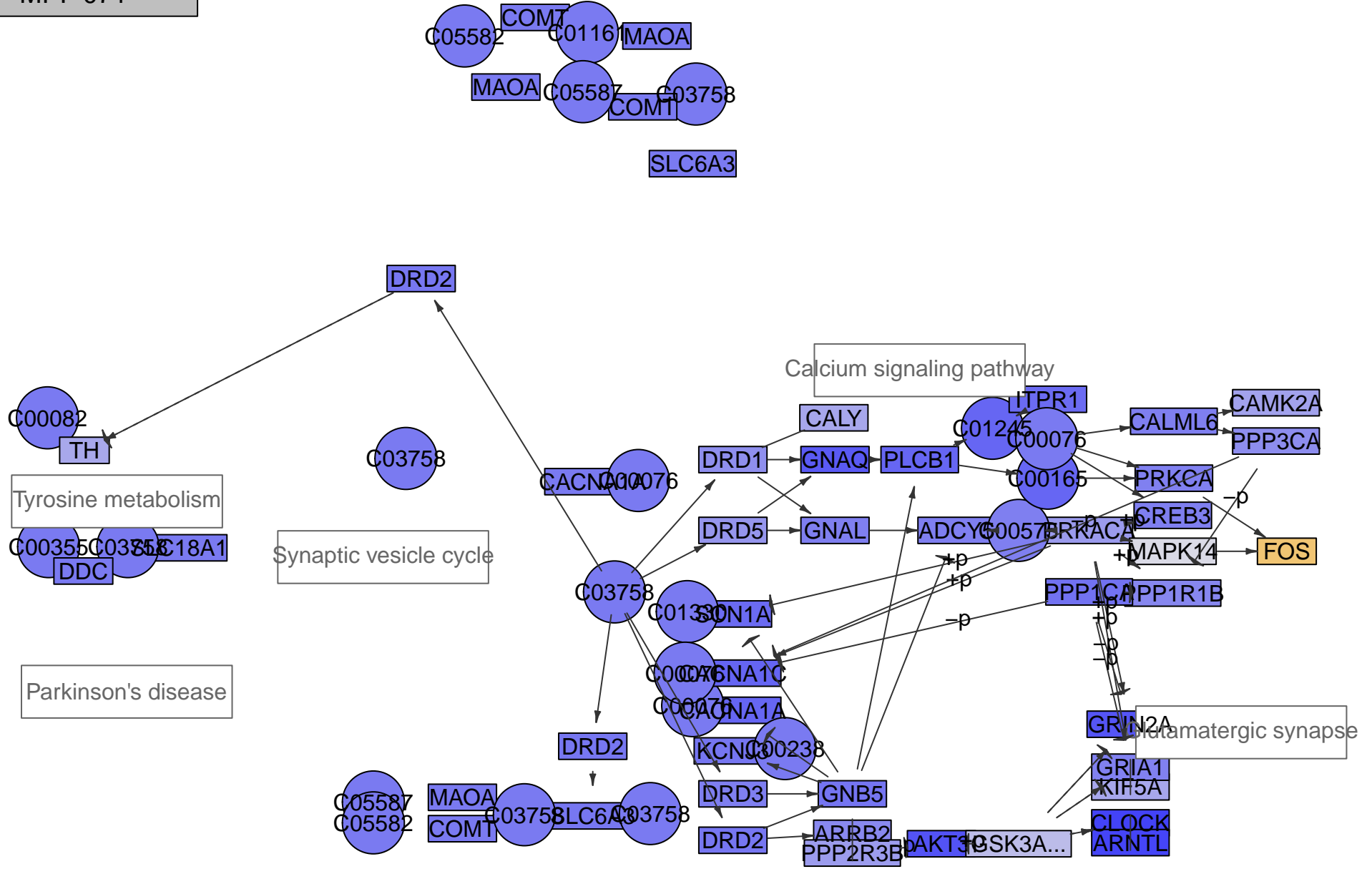
Dopaminergic synapse
MPI-055



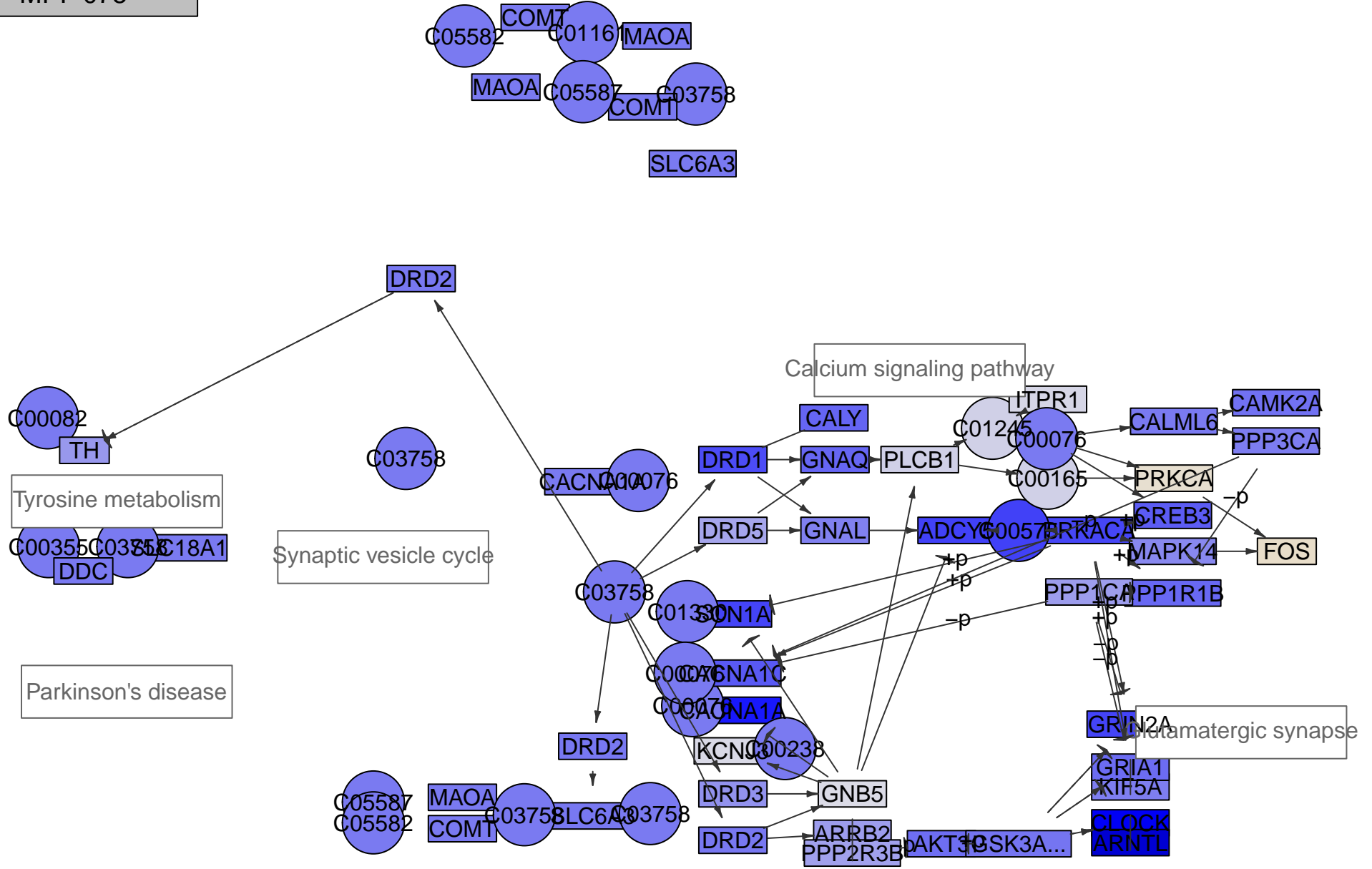
Dopaminergic synapse
MPI-065



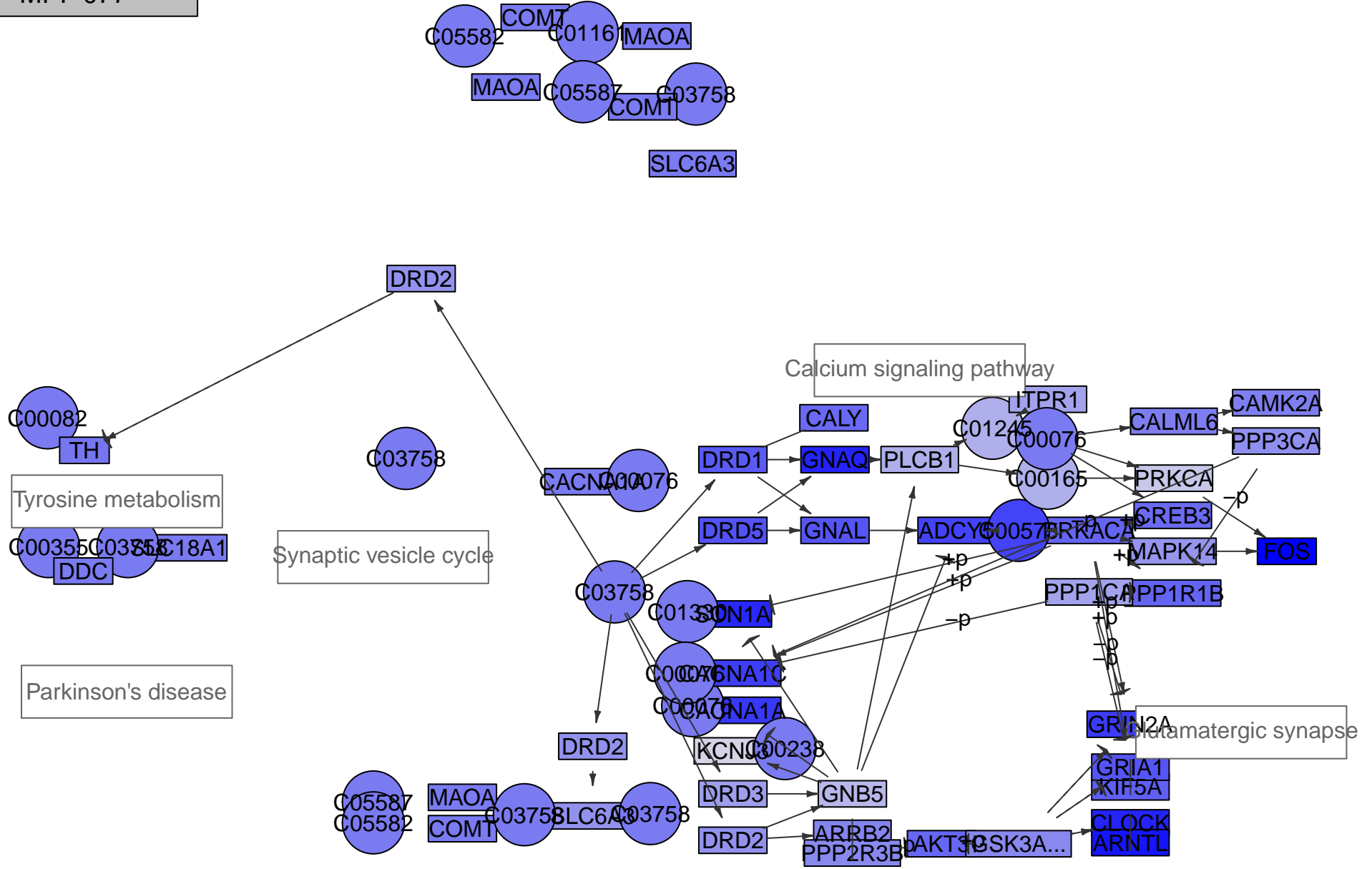
Dopaminergic synapse
MPI-071



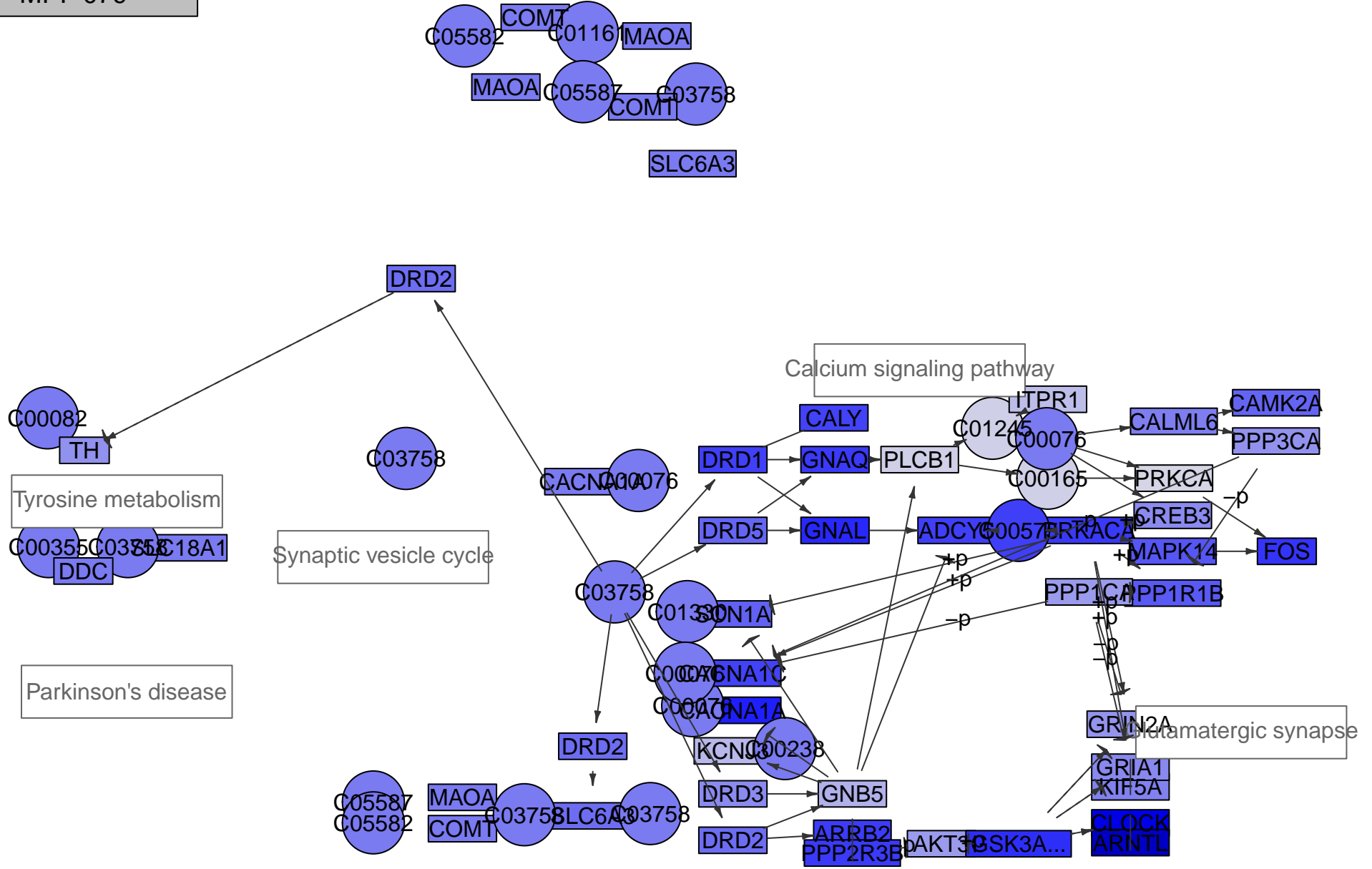
Dopaminergic synapse
MPI-075



Dopaminergic synapse
MPI-077



Dopaminergic synapse
MPI-079



Calcium signaling pathway

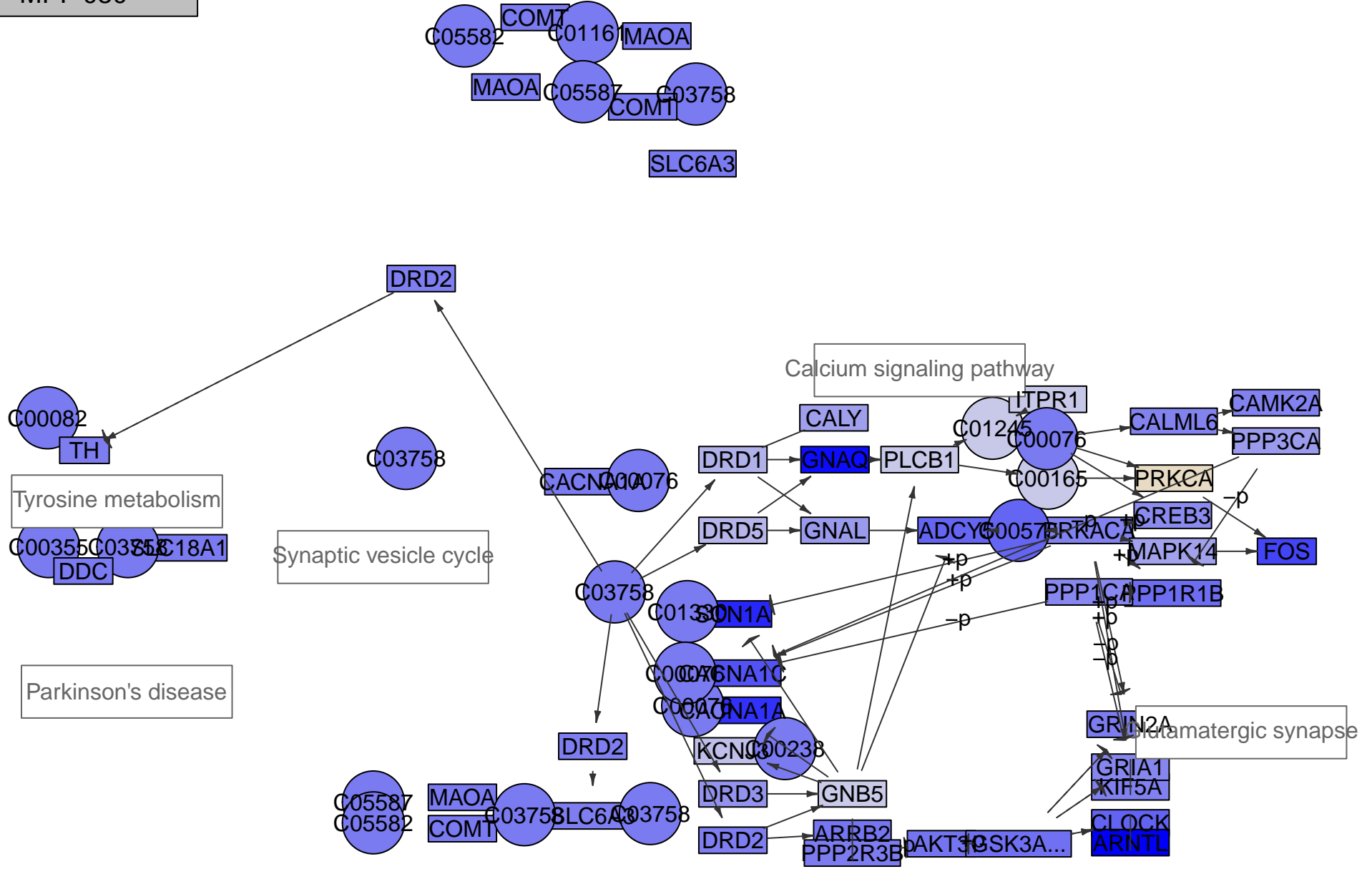
Tyrosine metabolism

Synaptic vesicle cycle

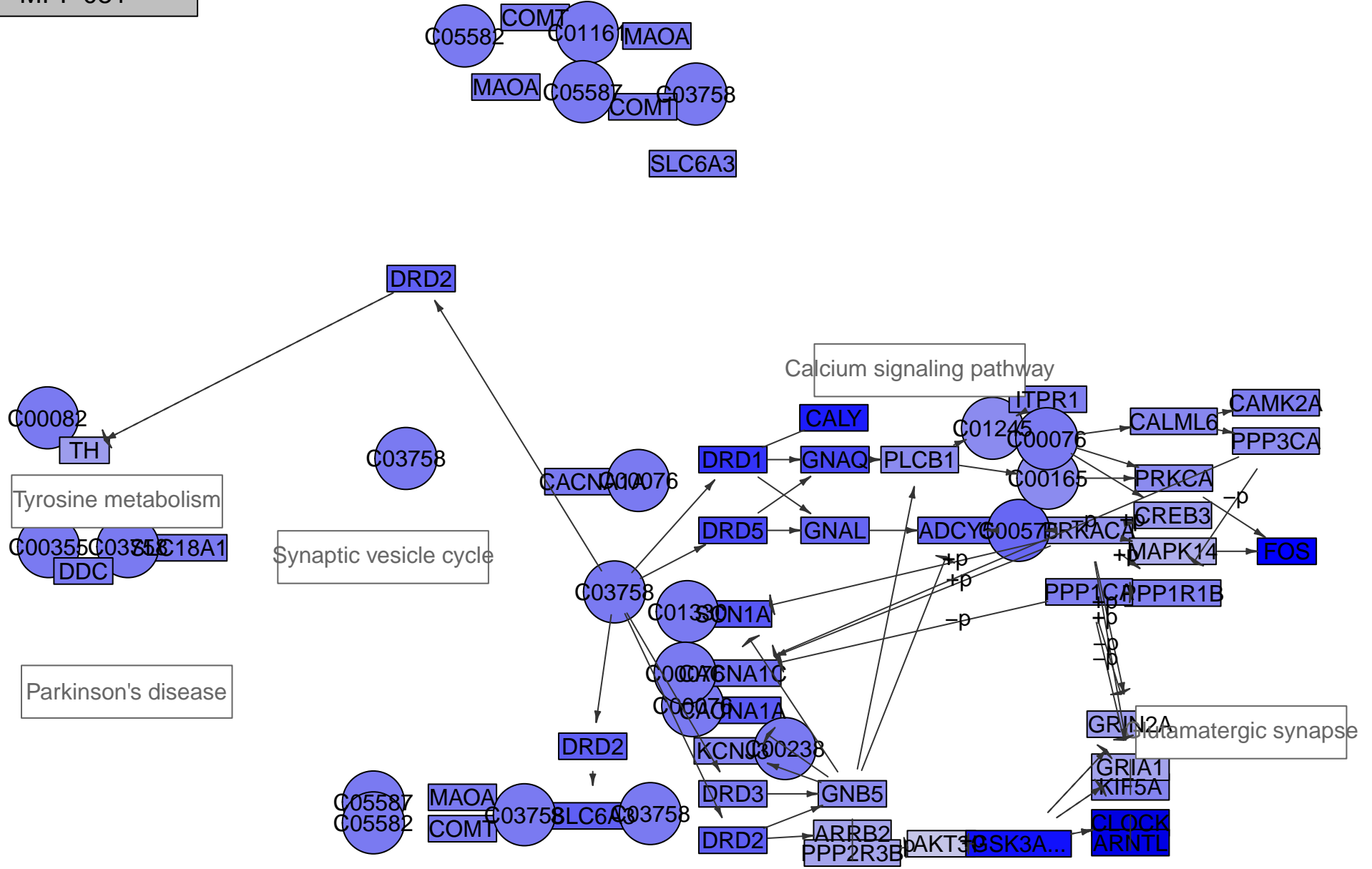
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-080



Dopaminergic synapse
MPI-081



Tyrosine metabolism

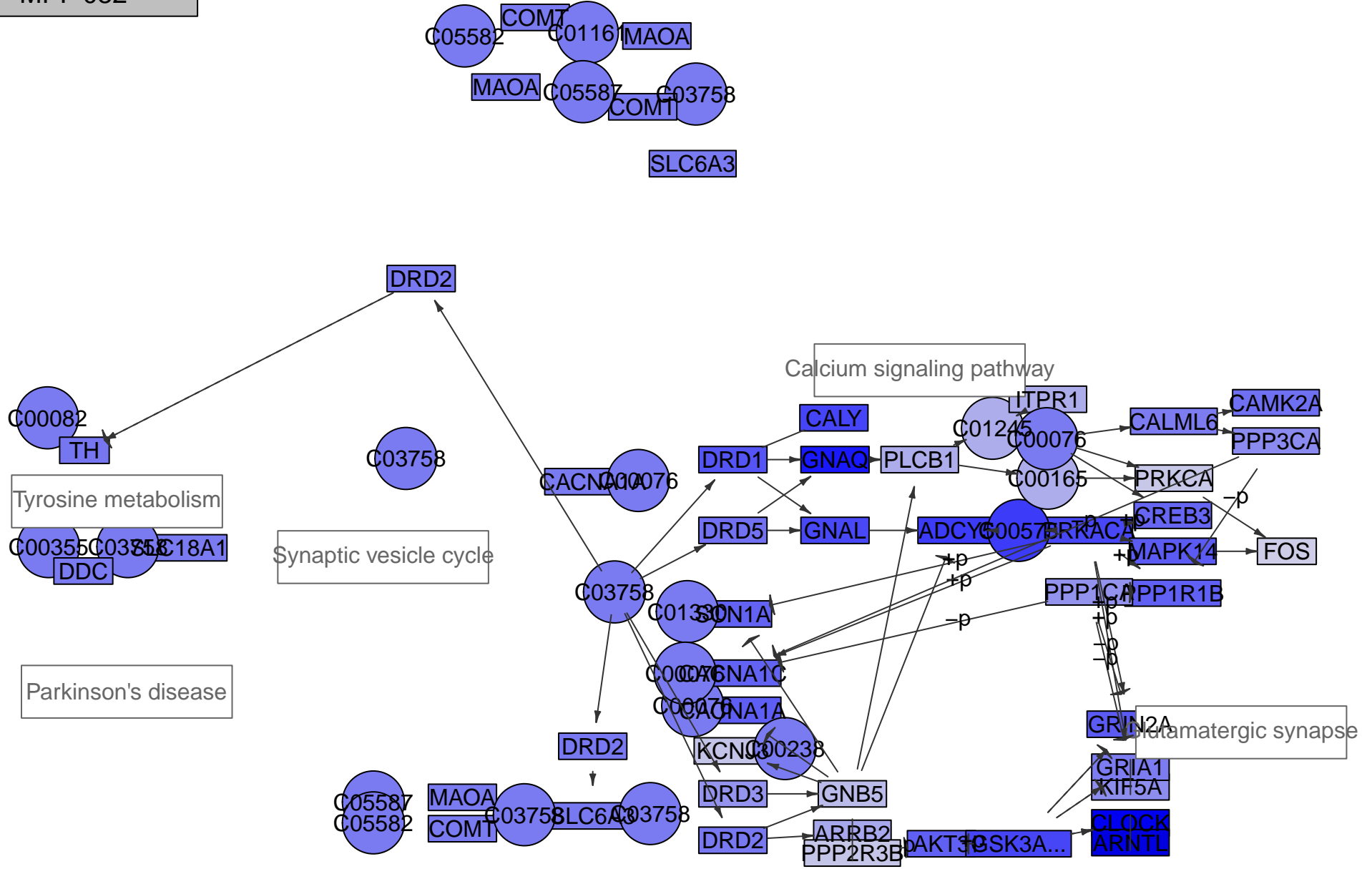
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

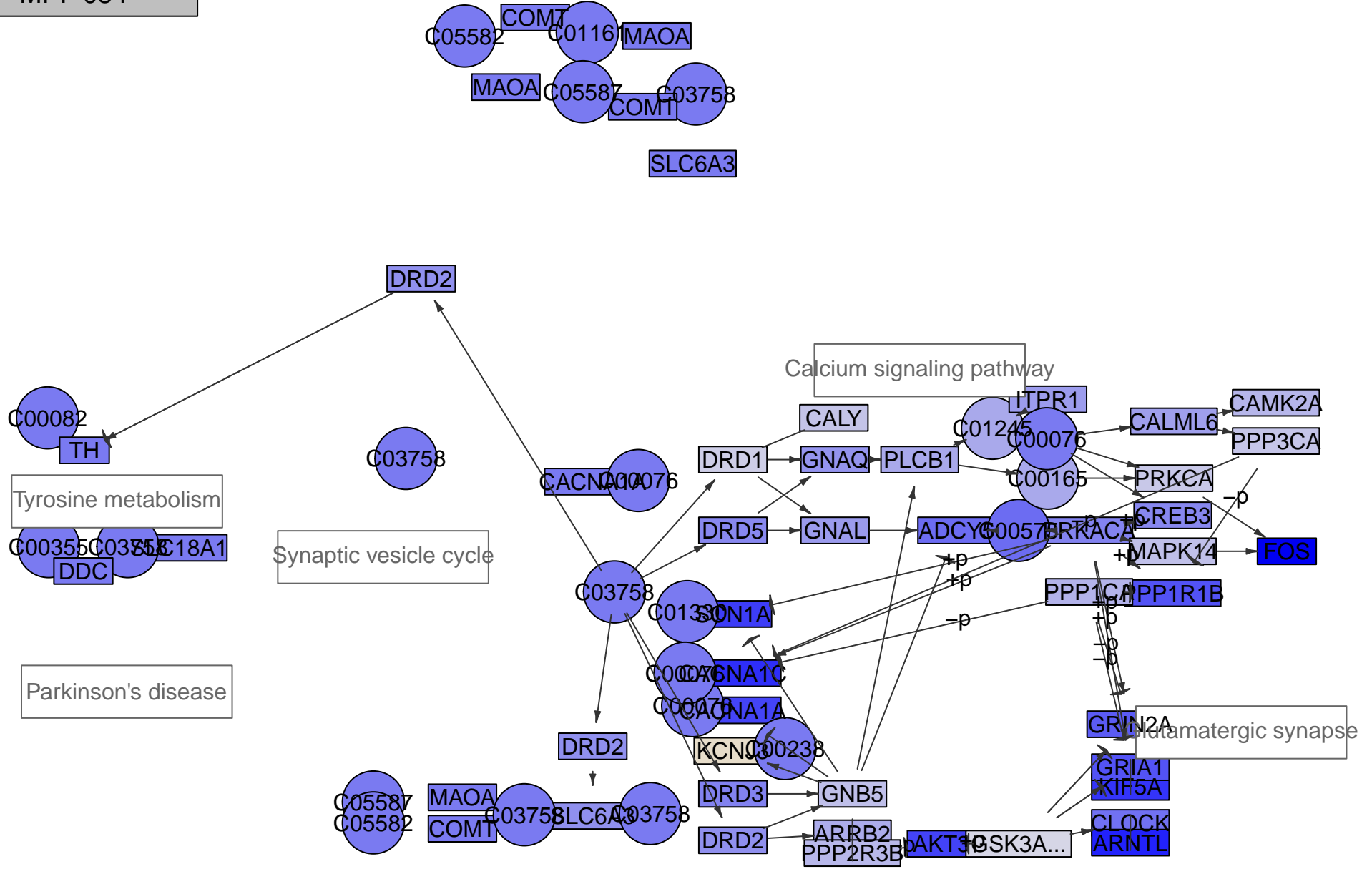
Dopaminergic synapse
MPI-082



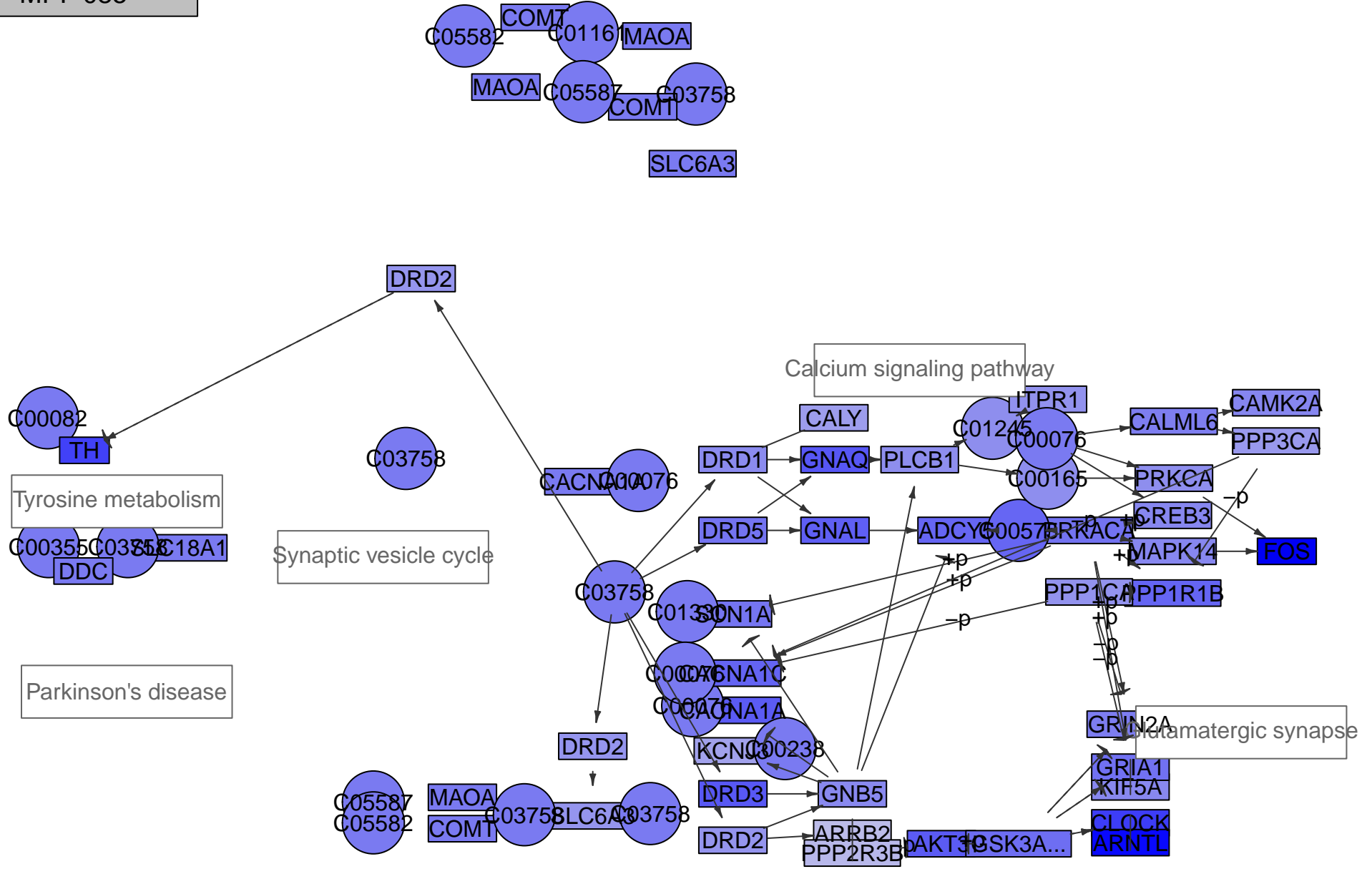
Parkinson's disease

Glutamatergic synapse

Dopaminergic synapse
MPI-084



Dopaminergic synapse
MPI-085



Tyrosine metabolism

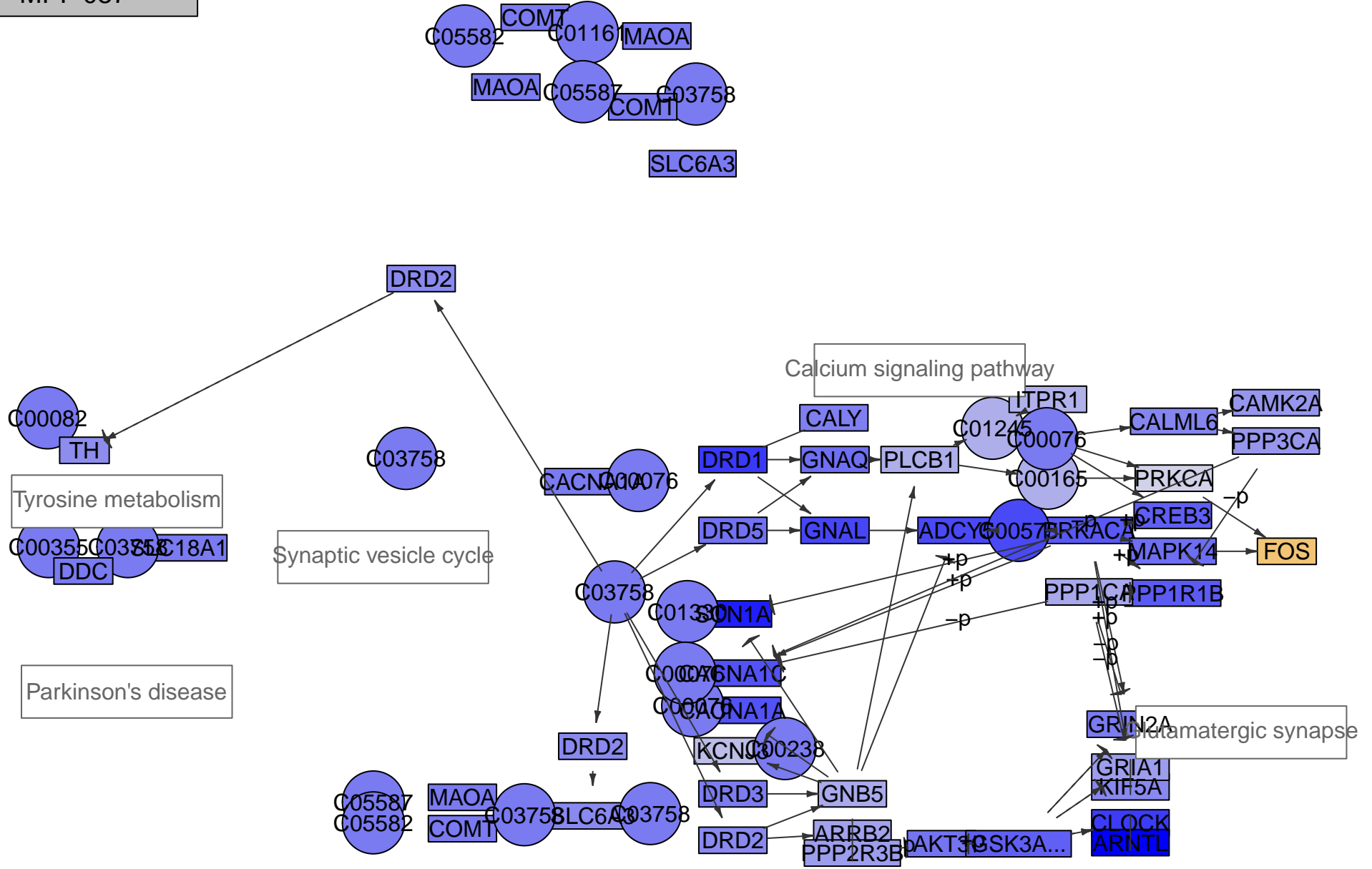
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-087



Synaptic vesicle cycle

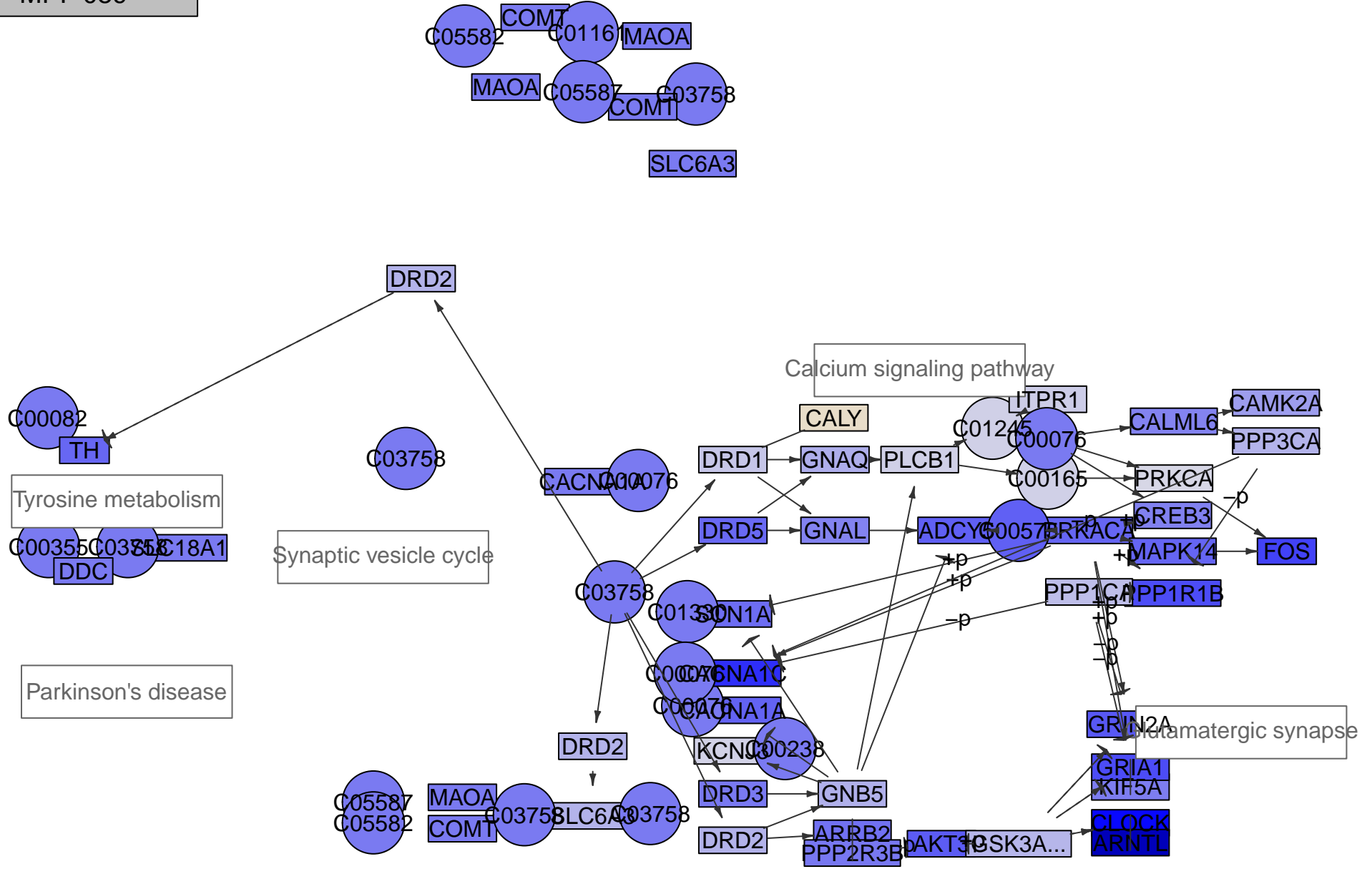
Calcium signaling pathway

Tyrosine metabolism

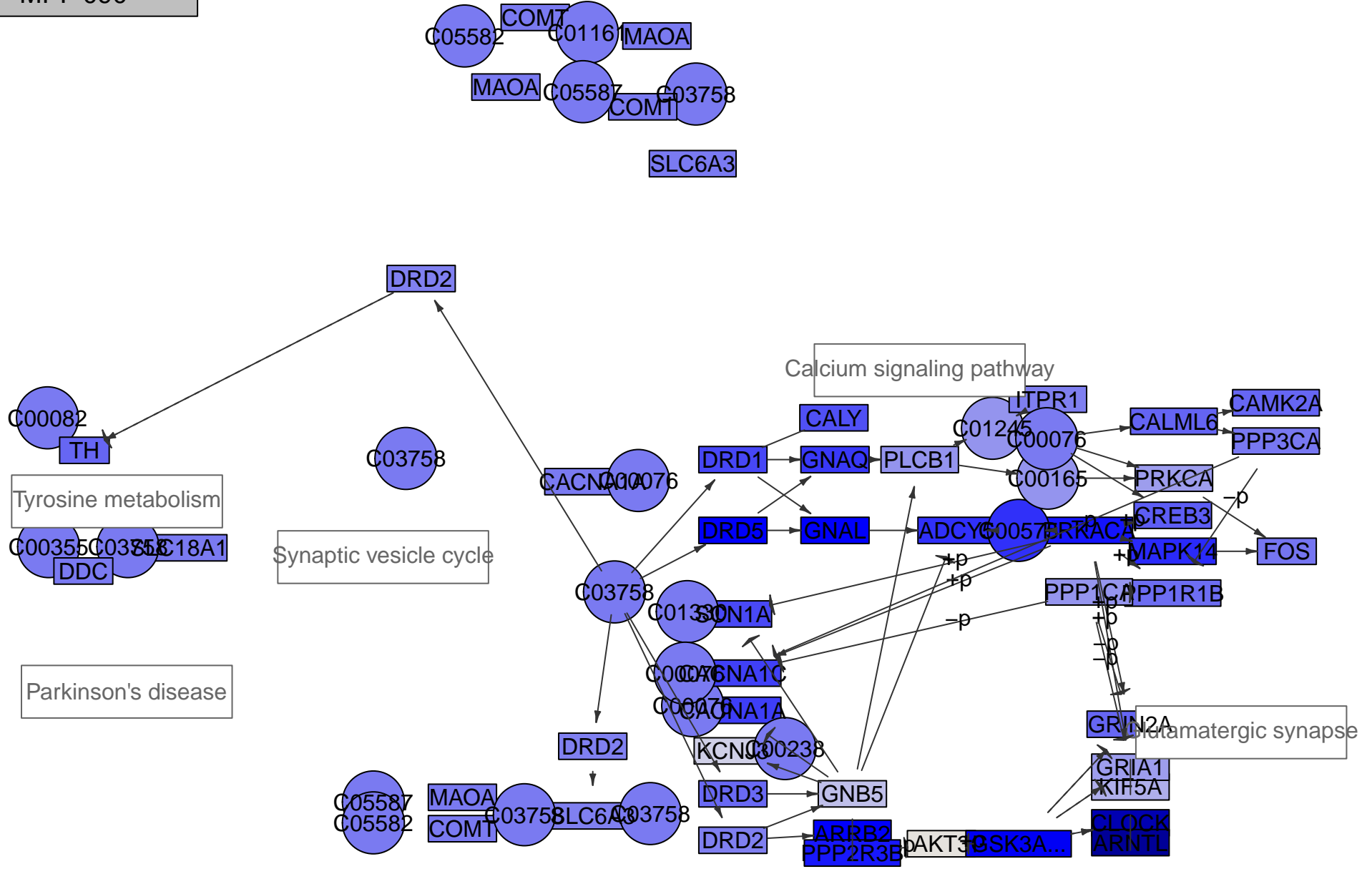
Parkinson's disease

Dopaminergic synapse

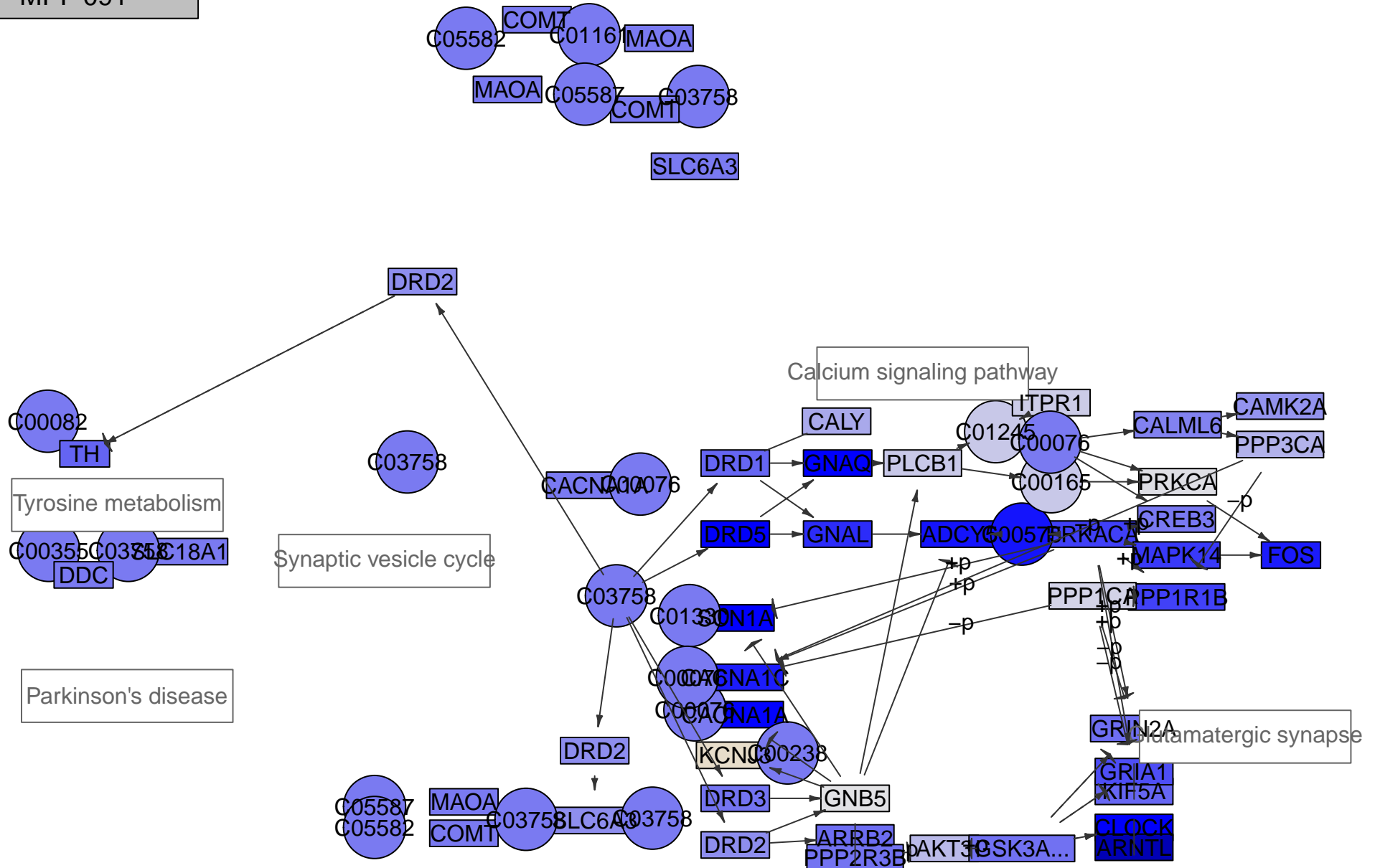
Dopaminergic synapse
MPI-089



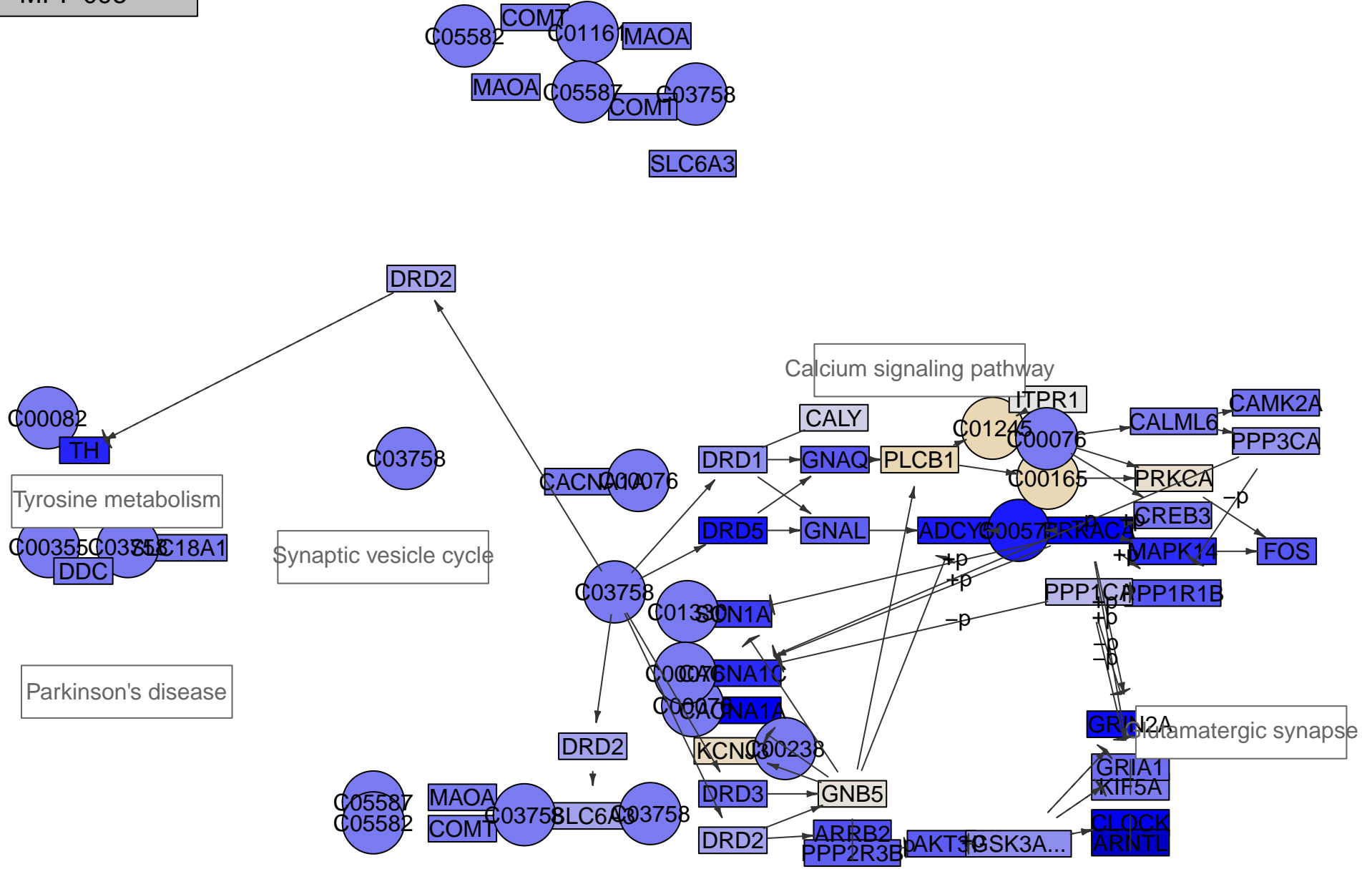
Dopaminergic synapse
MPI-090



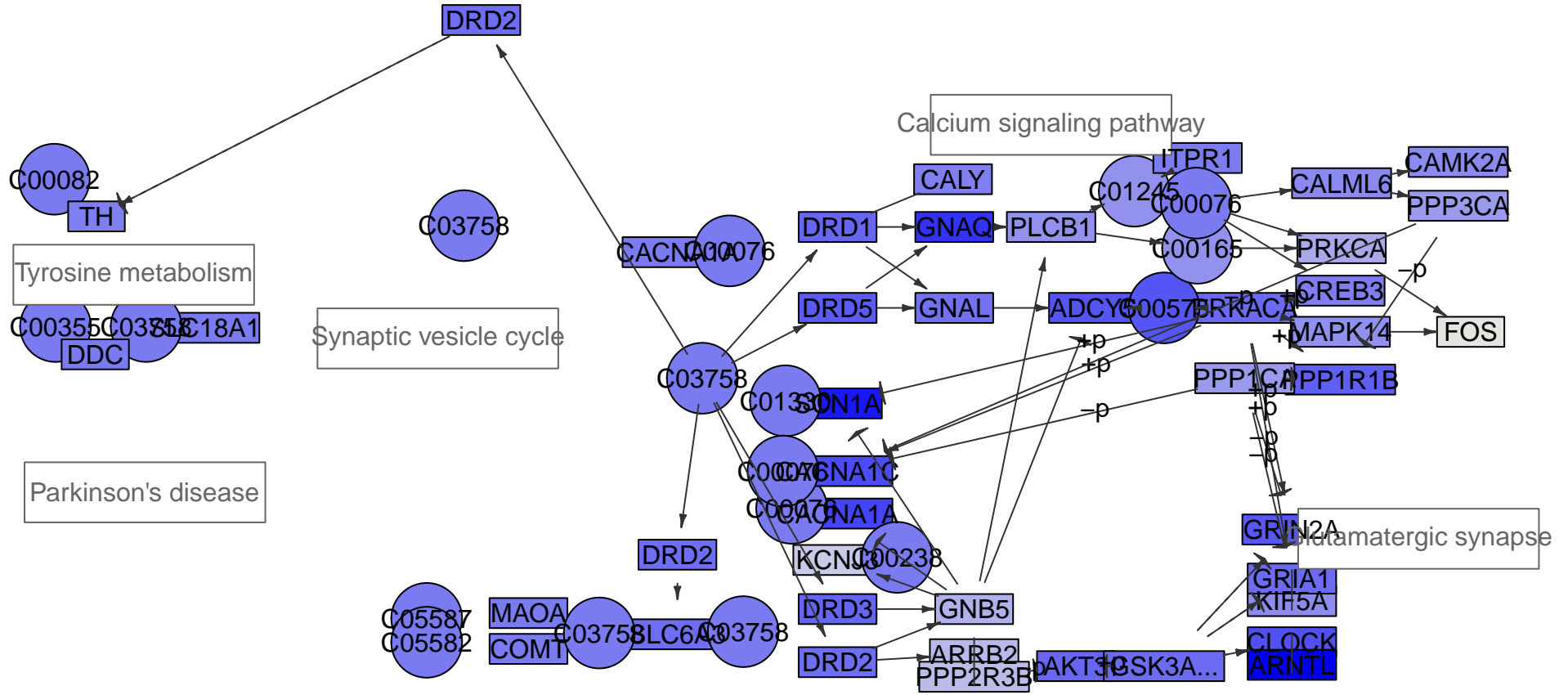
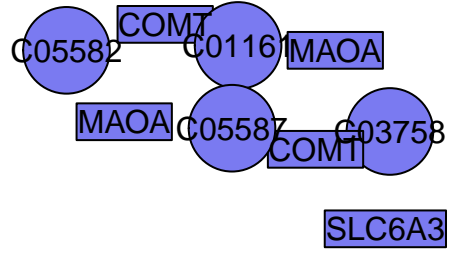
Dopaminergic synapse
MPI-091



Dopaminergic synapse
MPI-095



Dopaminergic synapse
MPI-101



Tyrosine metabolism
C00355 C03358 C18A1
DDC

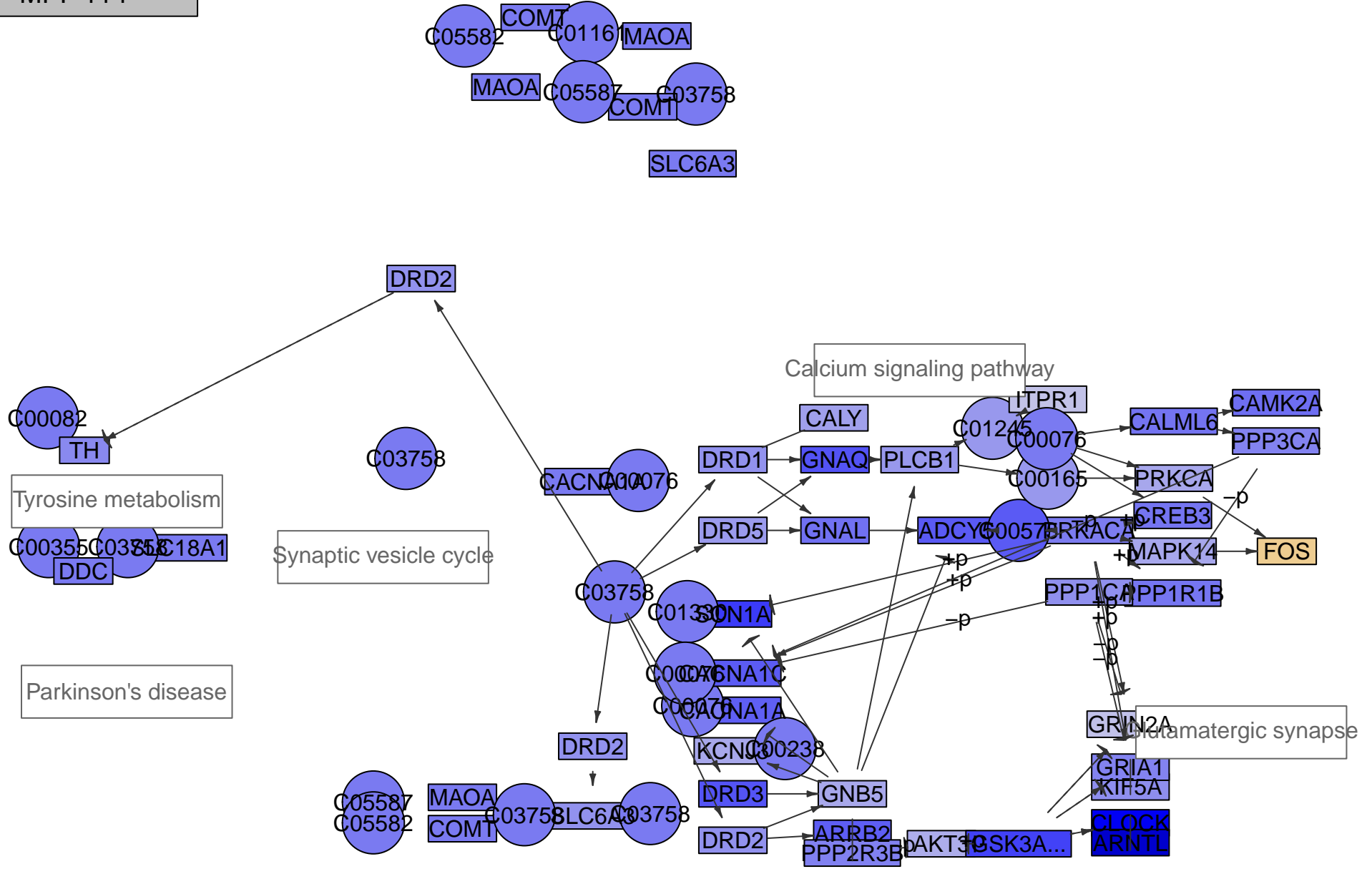
Synaptic vesicle cycle

Parkinson's disease

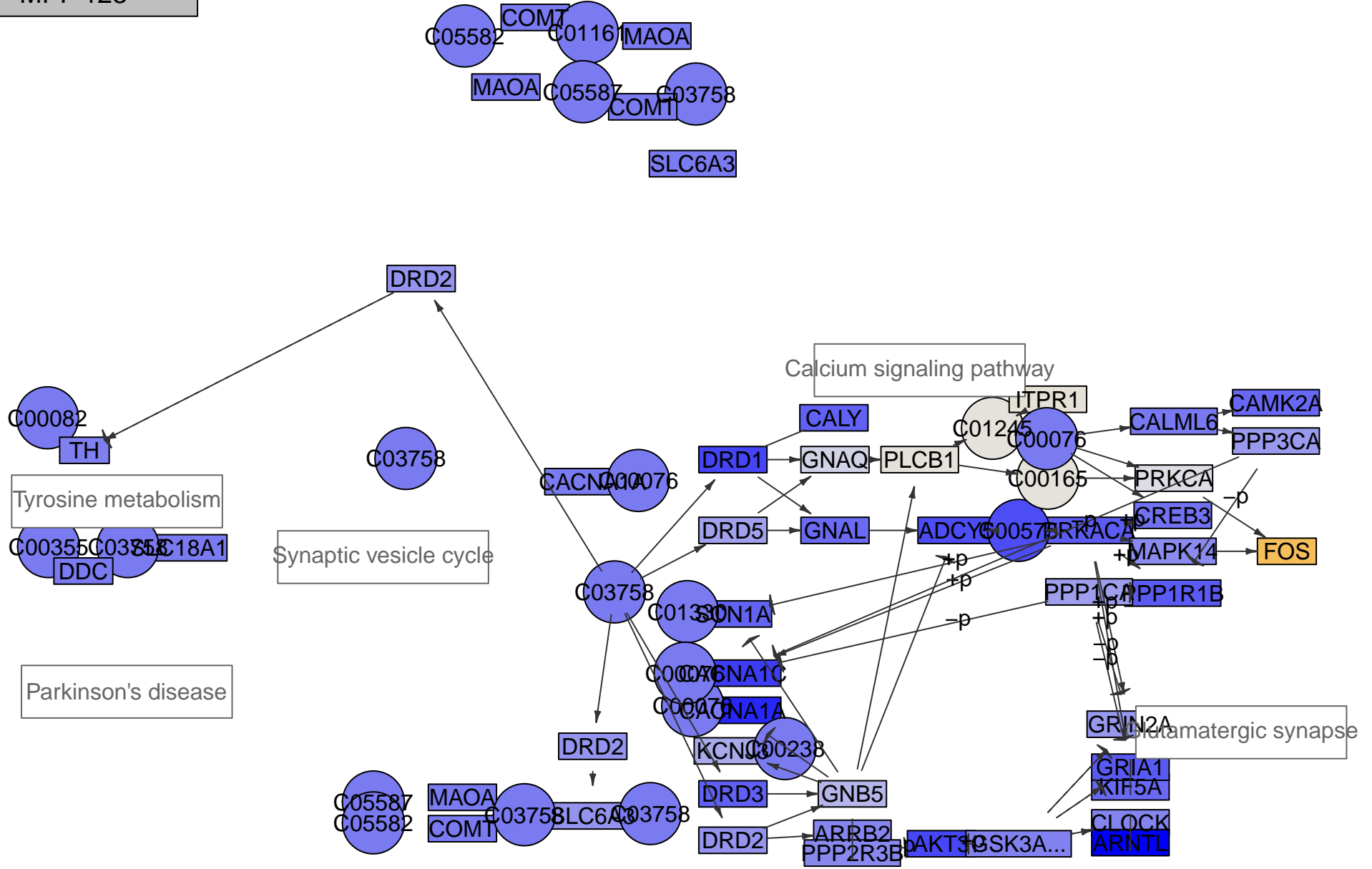
Calcium signaling pathway

Glutamatergic synapse

Dopaminergic synapse
MPI-114



Dopaminergic synapse
MPI-123



Tyrosine metabolism
C00355
C03758
C18A1
TH
DDC

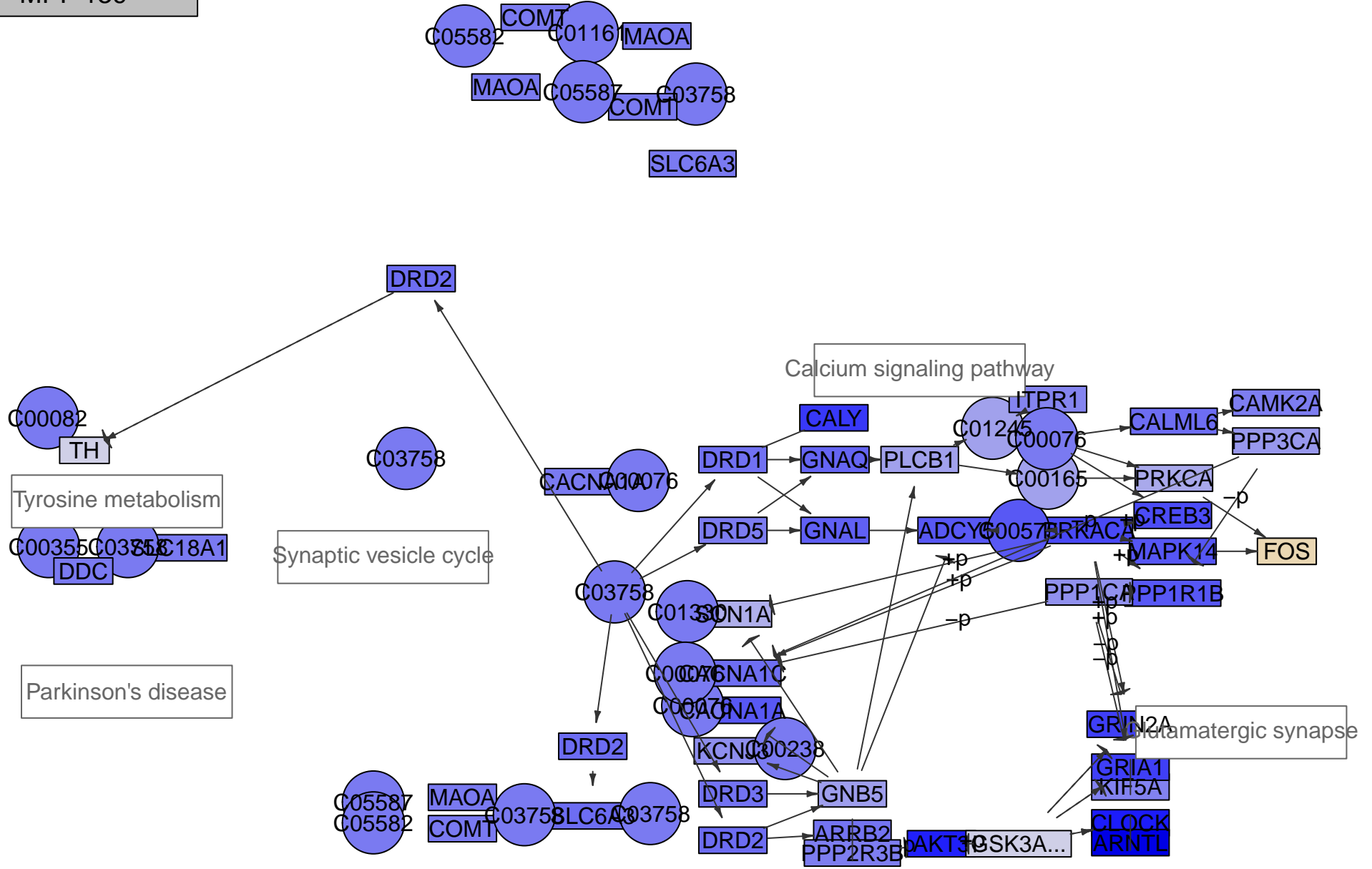
Synaptic vesicle cycle
C03758
SLC6A3
C03758

Calcium signaling pathway

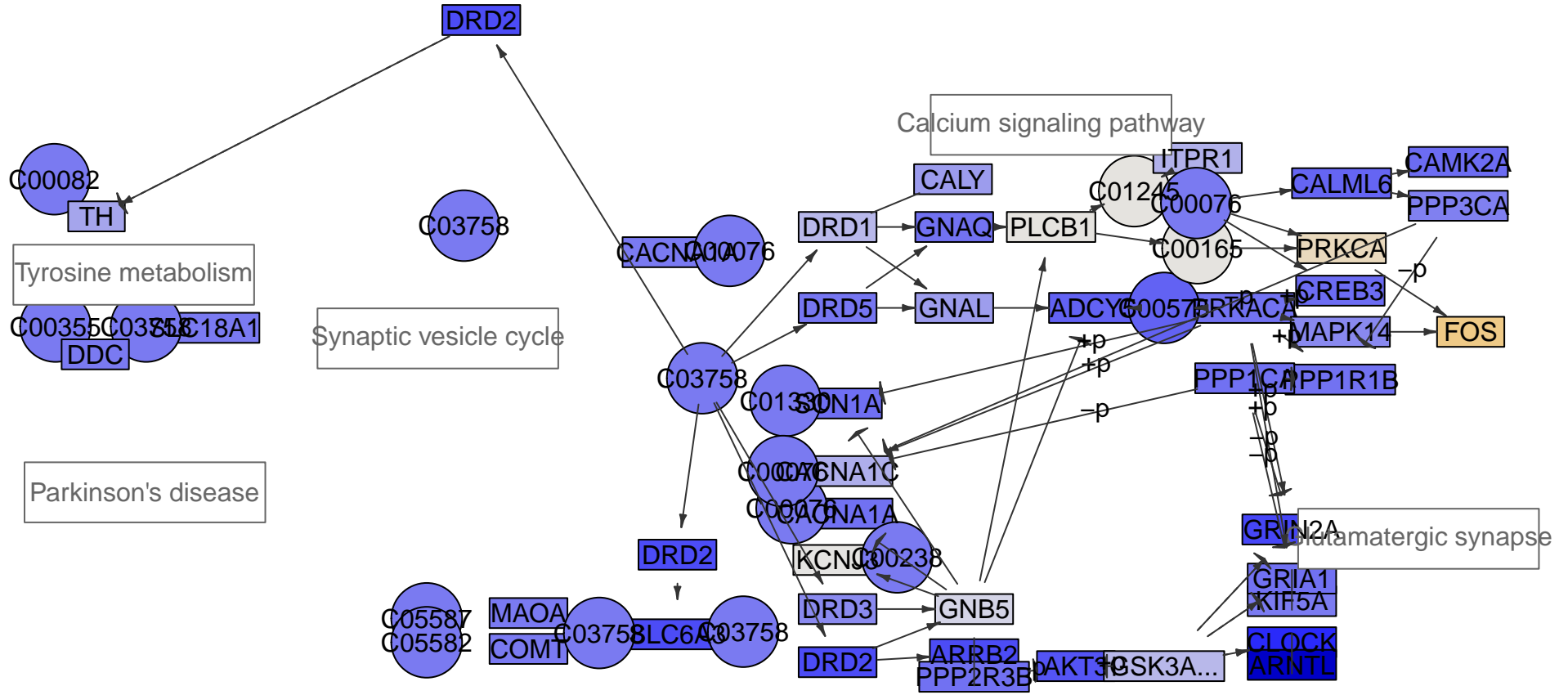
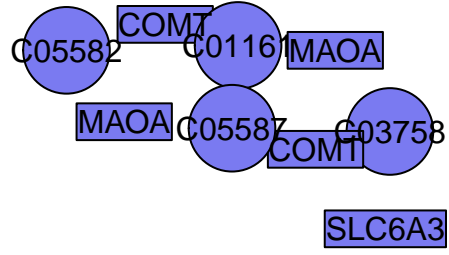
Parkinson's disease
SNCA
SNCA1C
SNCA1A

Glutamatergic synapse
GRIA1
KIF5A
CLOCK
ARNTL

Dopaminergic synapse
MPI-139



Dopaminergic synapse
MPI-140



Calcium signaling pathway

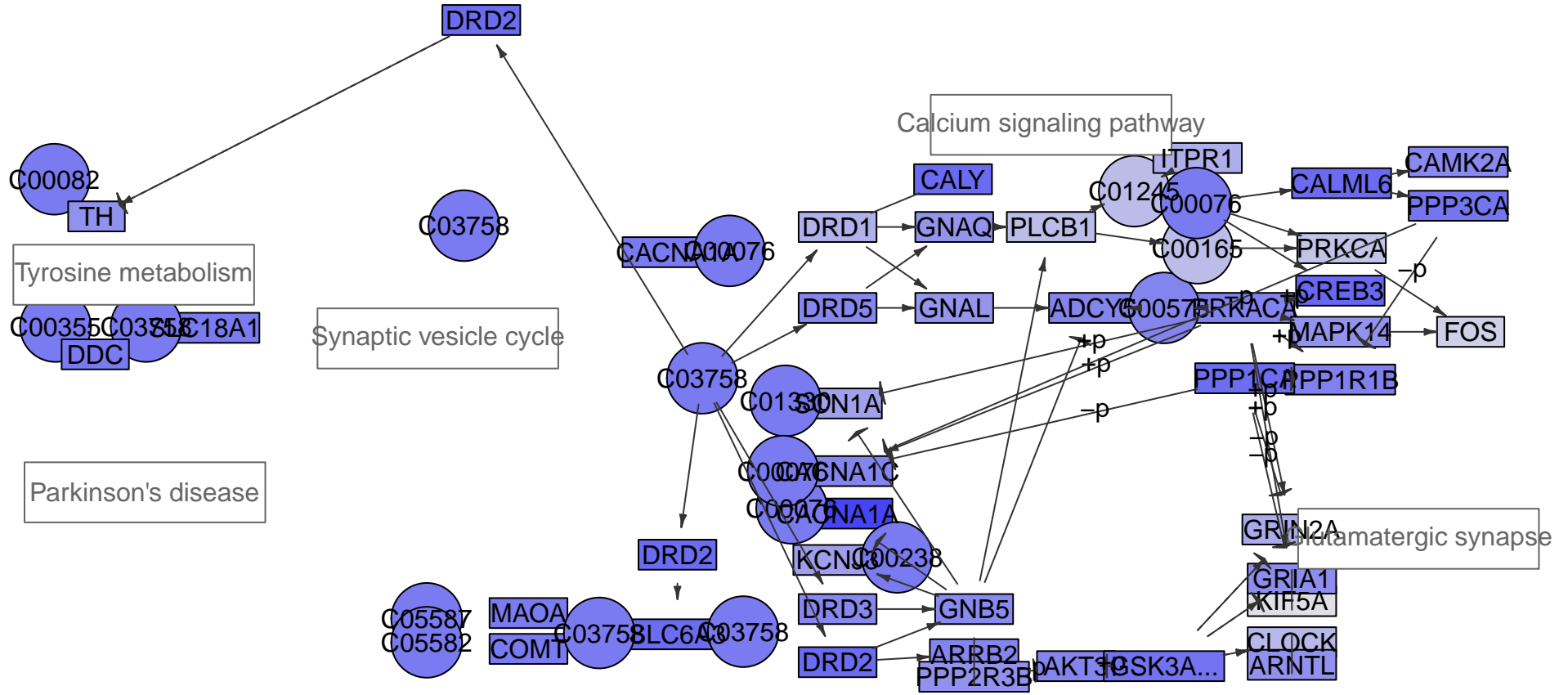
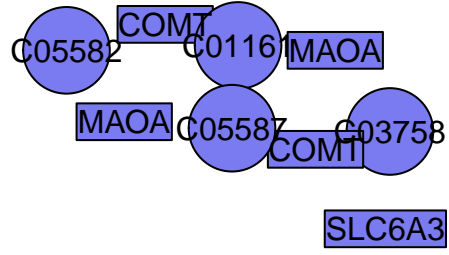
Tyrosine metabolism

Synaptic vesicle cycle

Parkinson's disease

Glutamatergic synapse

Dopaminergic synapse
MPI-144



Tyrosine metabolism

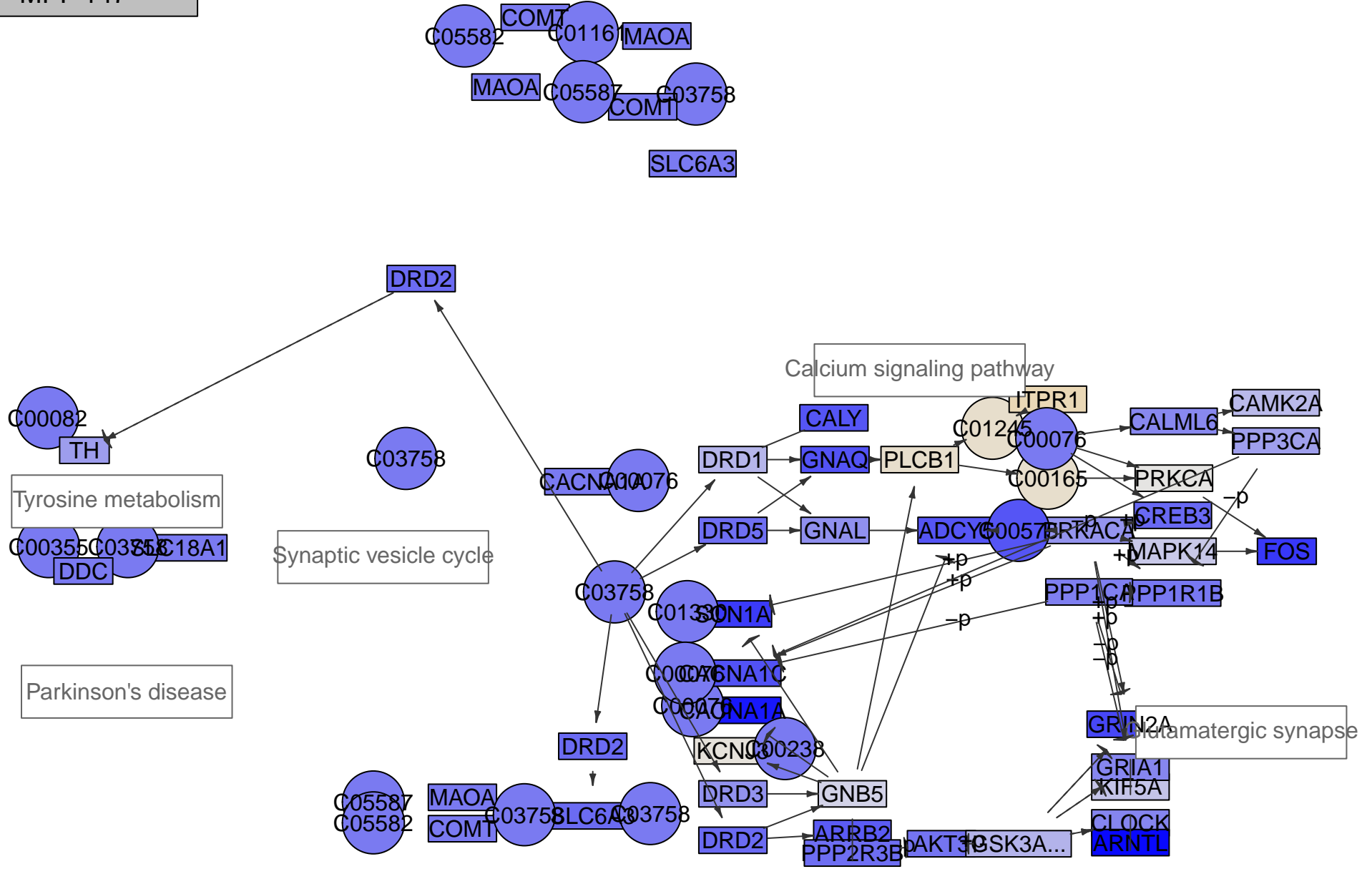
Synaptic vesicle cycle

Calcium signaling pathway

Glutamatergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-147



Tyrosine metabolism
C00355 C0355 C18A1
DDC

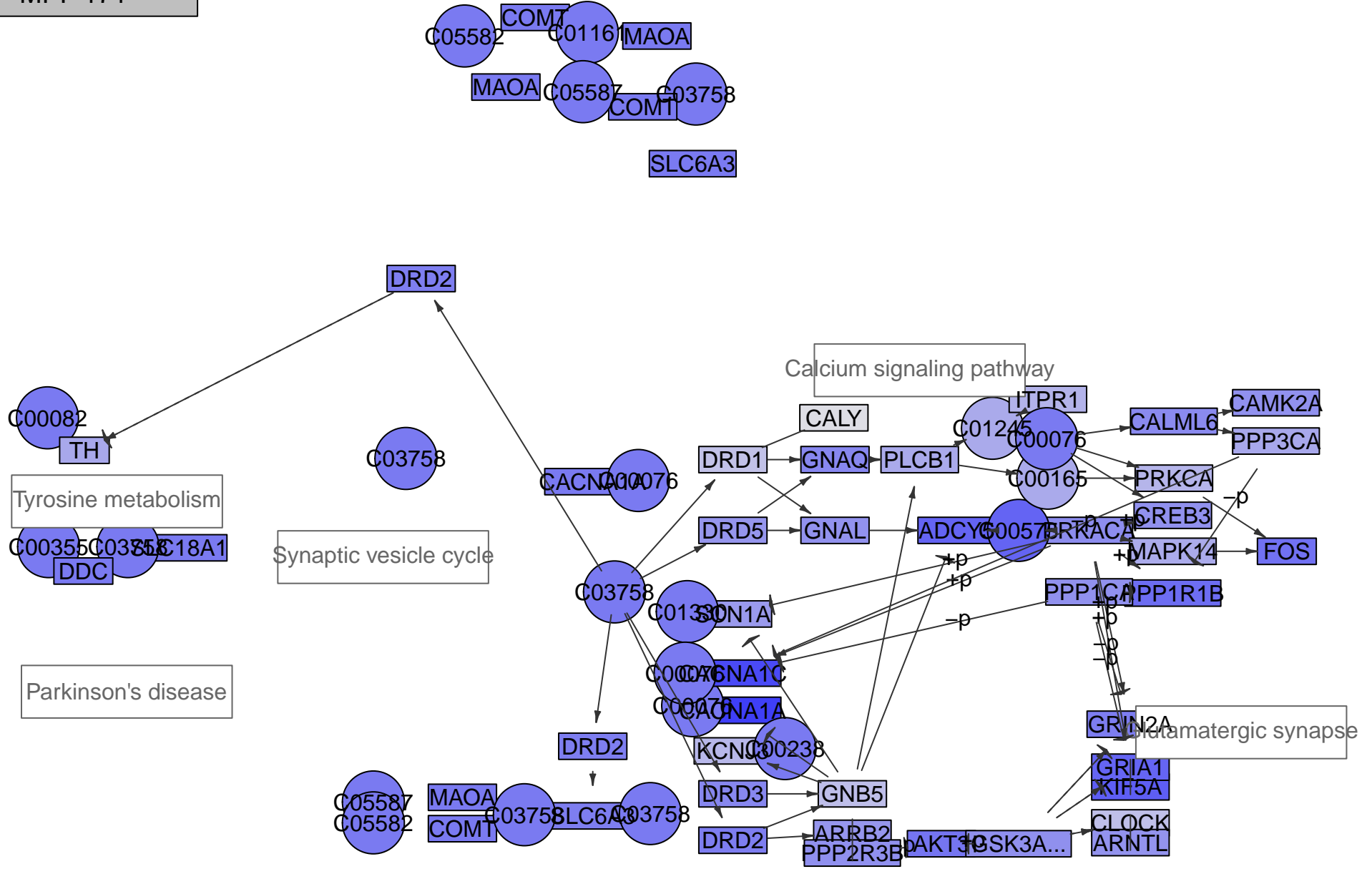
Synaptic vesicle cycle

Calcium signaling pathway

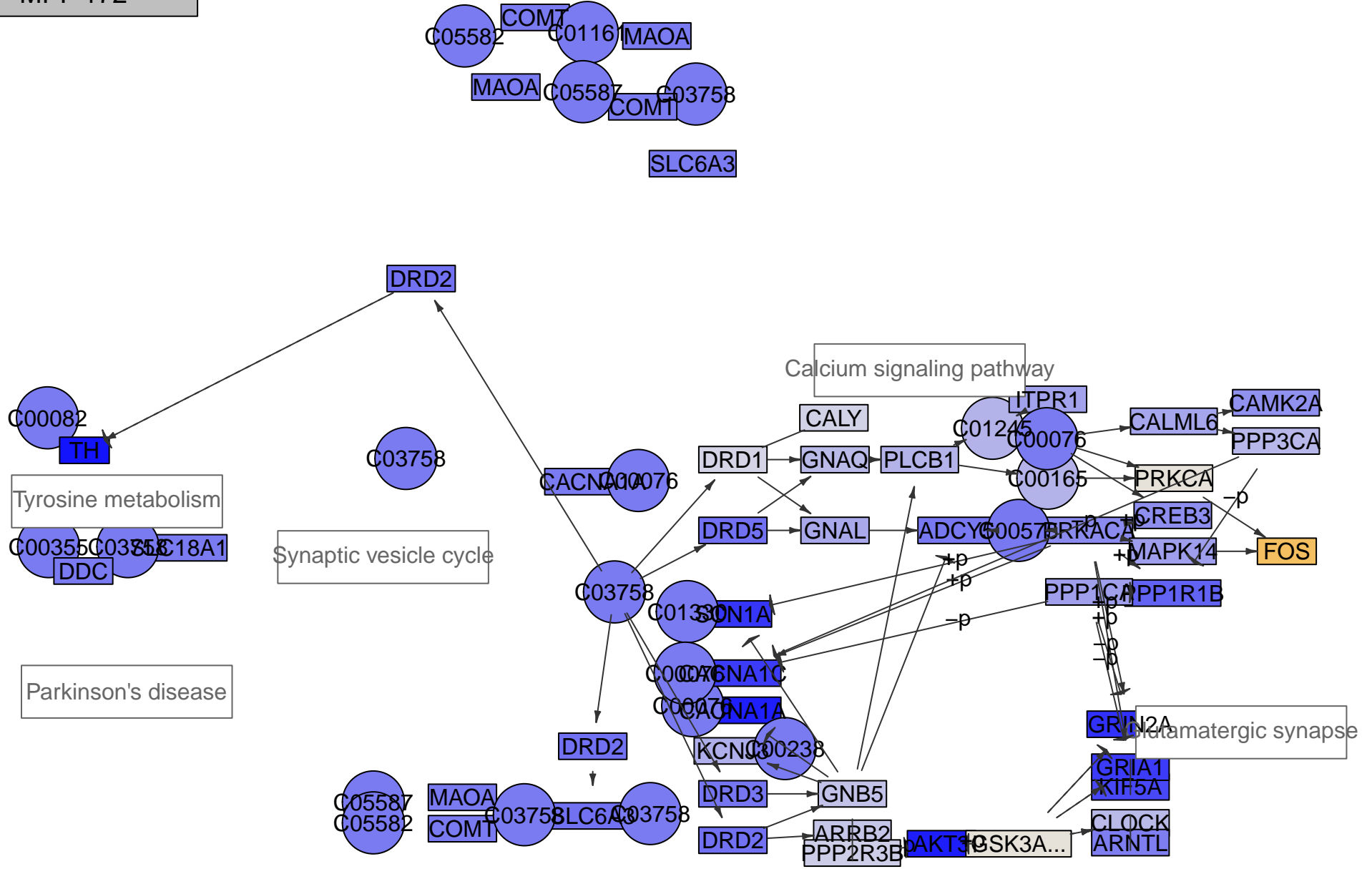
Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-171



Dopaminergic synapse
MPI-172



Synaptic vesicle cycle

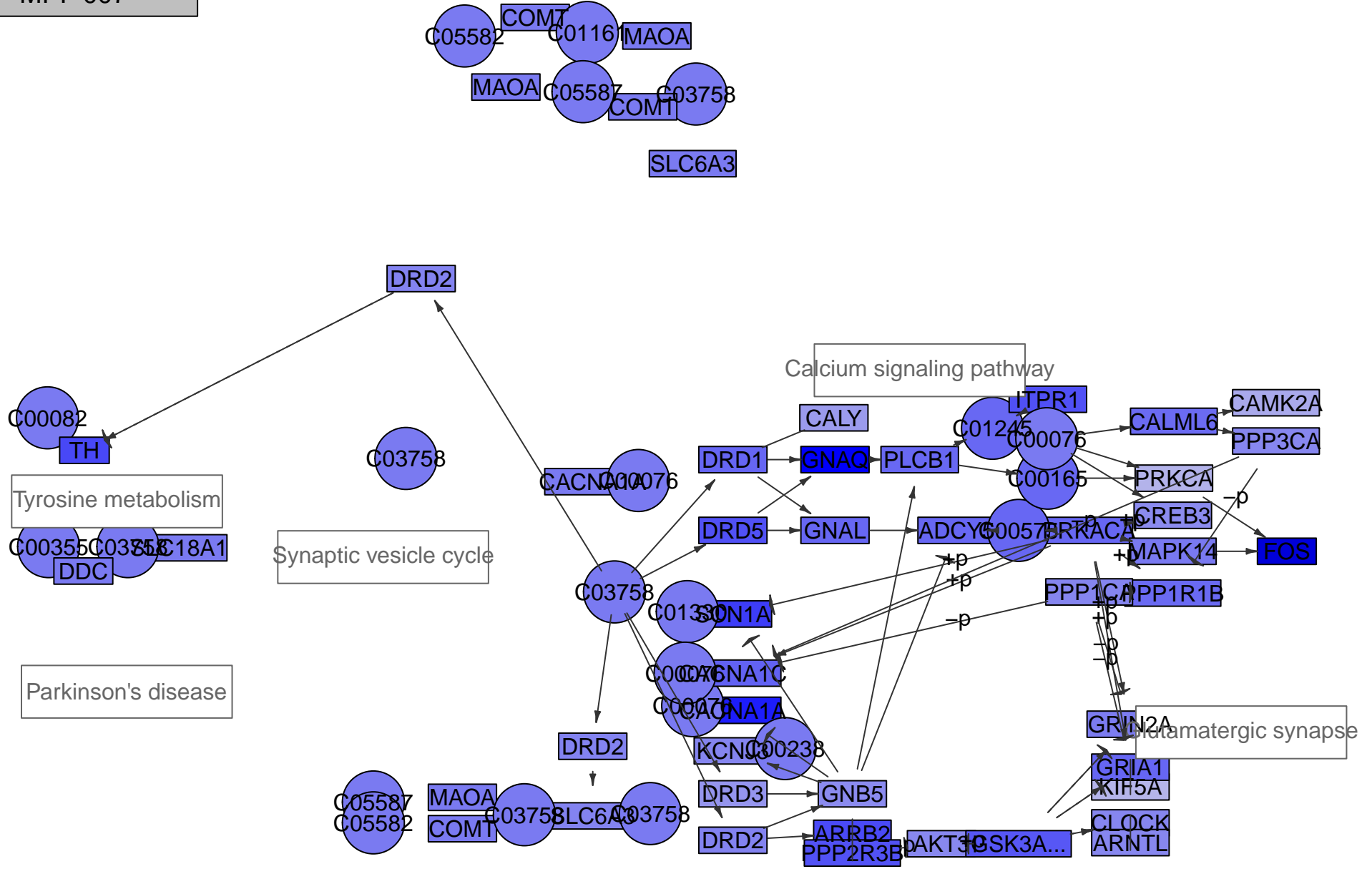
Calcium signaling pathway

Glutamatergic synapse

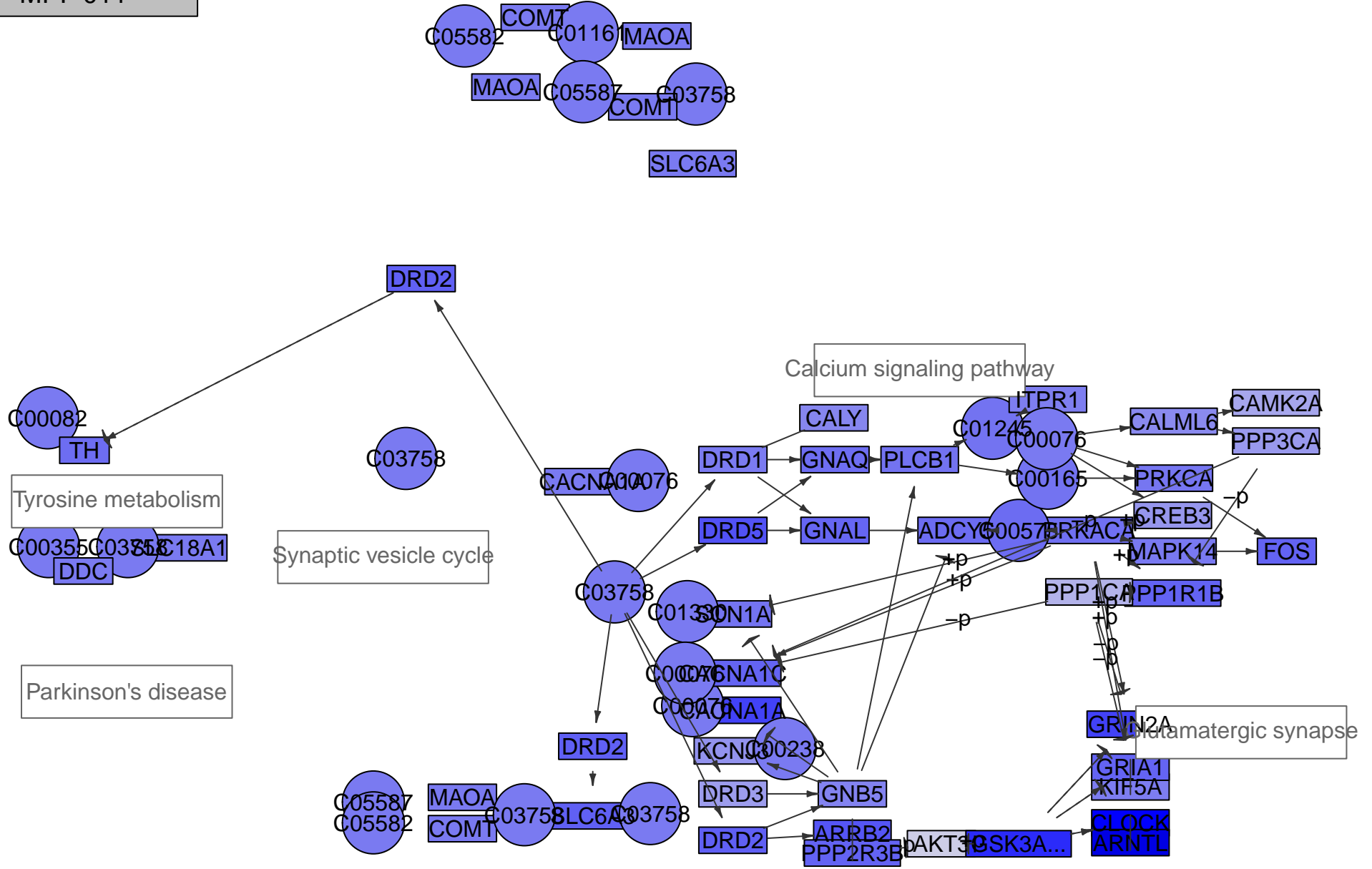
Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-007

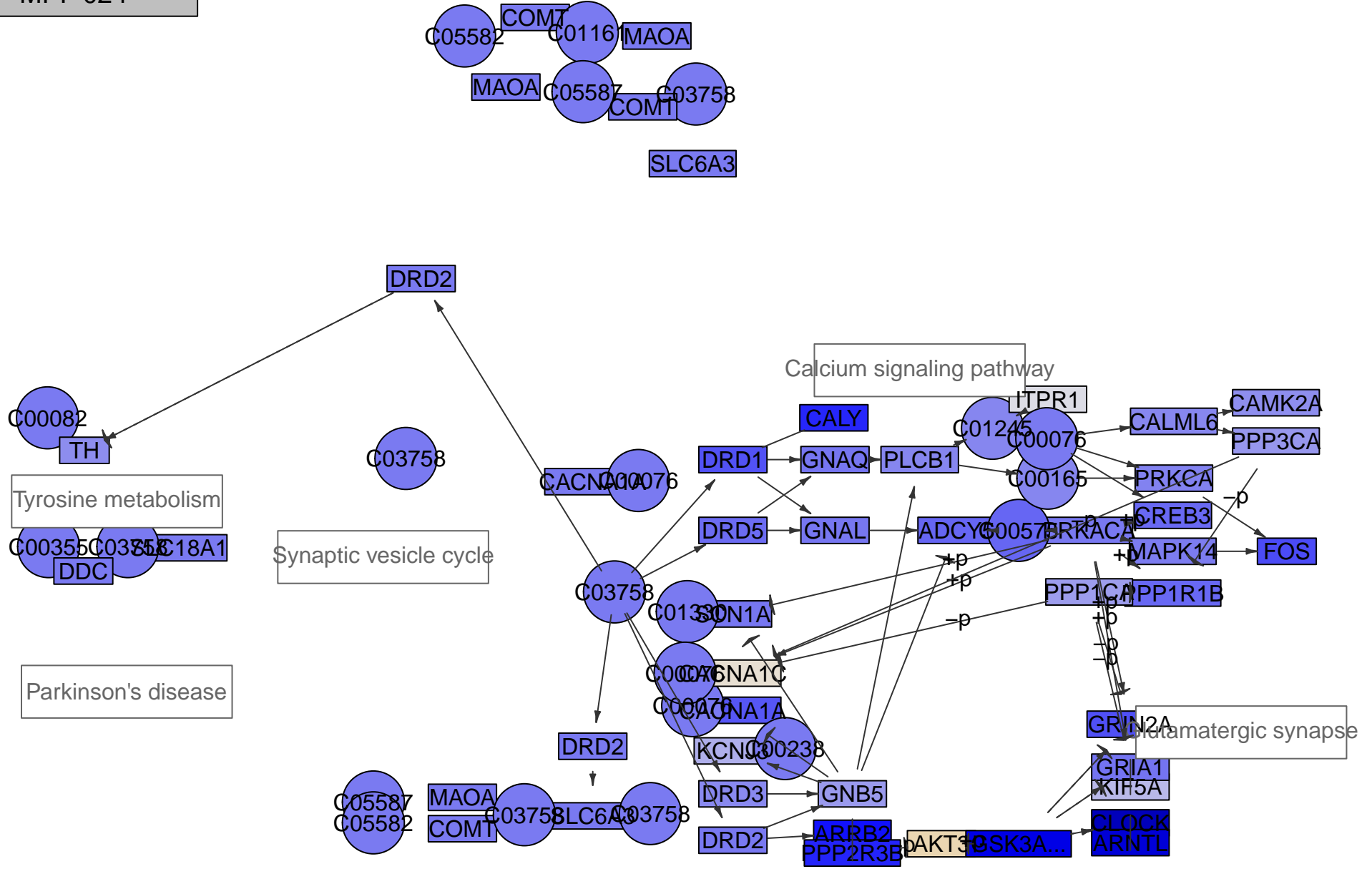


Dopaminergic synapse
MPI-011



Glutamatergic synapse

Dopaminergic synapse
MPI-024



Tyrosine metabolism

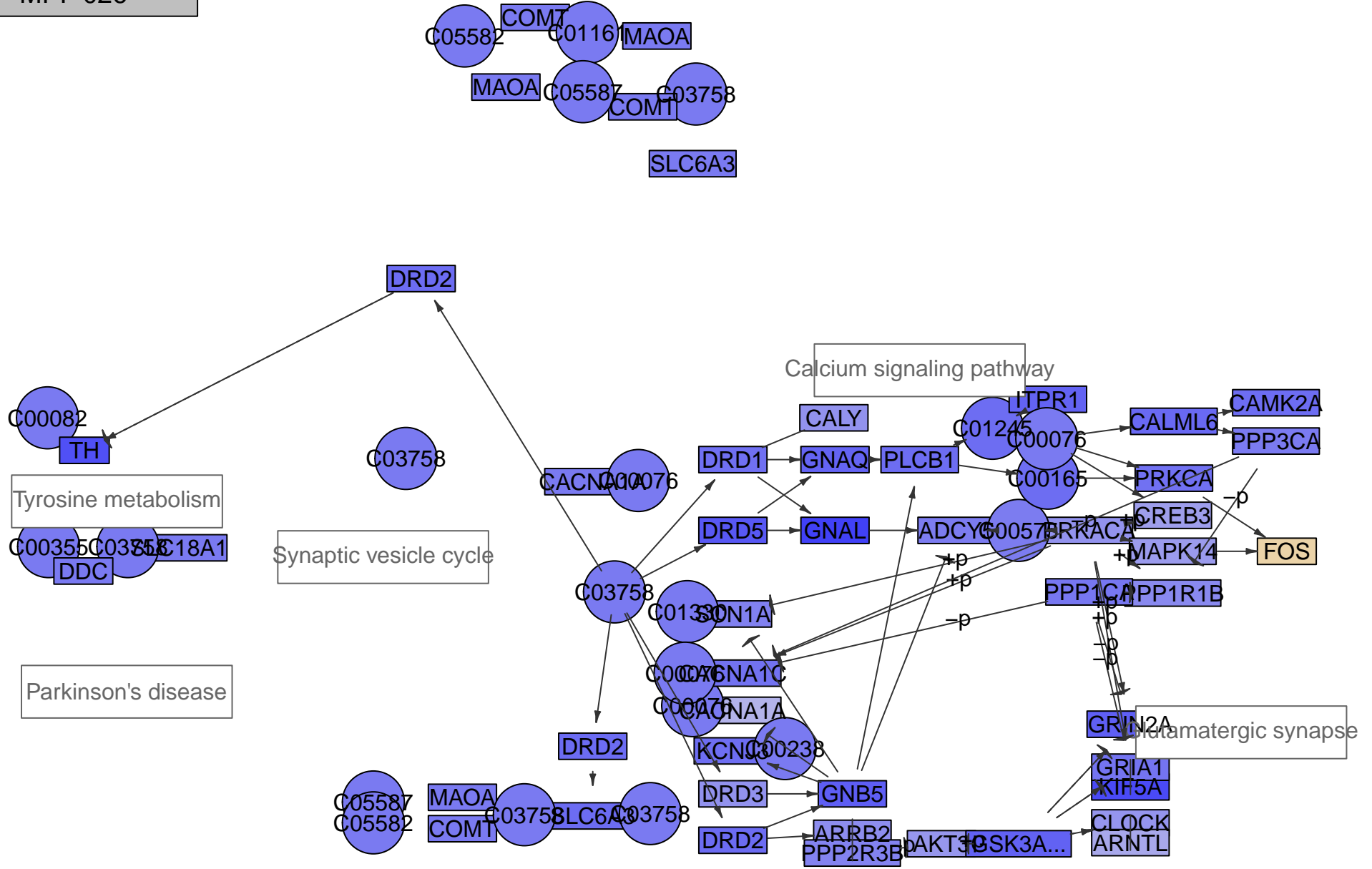
Synaptic vesicle cycle

Calcium signaling pathway

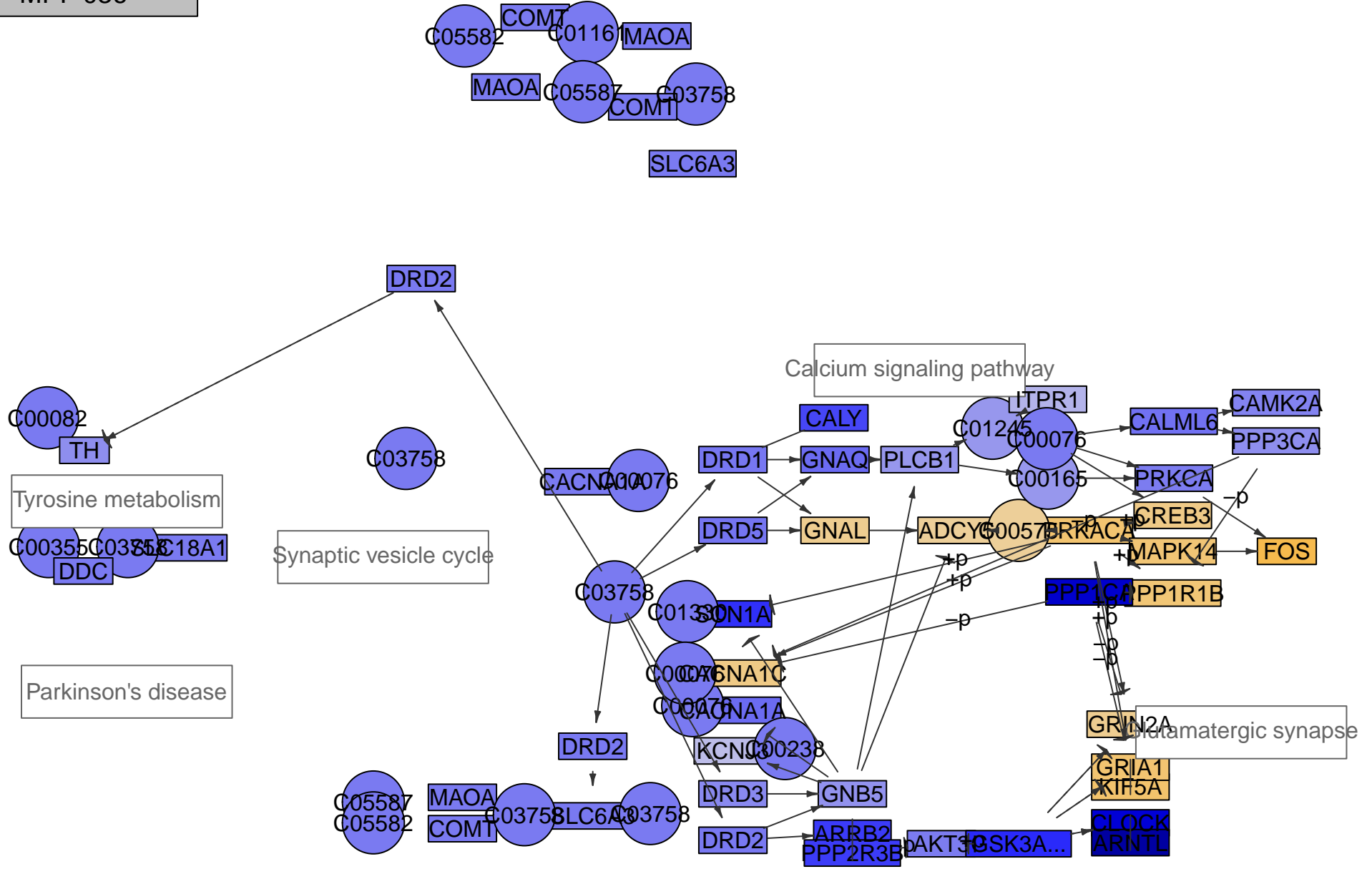
Dopaminergic synapse

Parkinson's disease

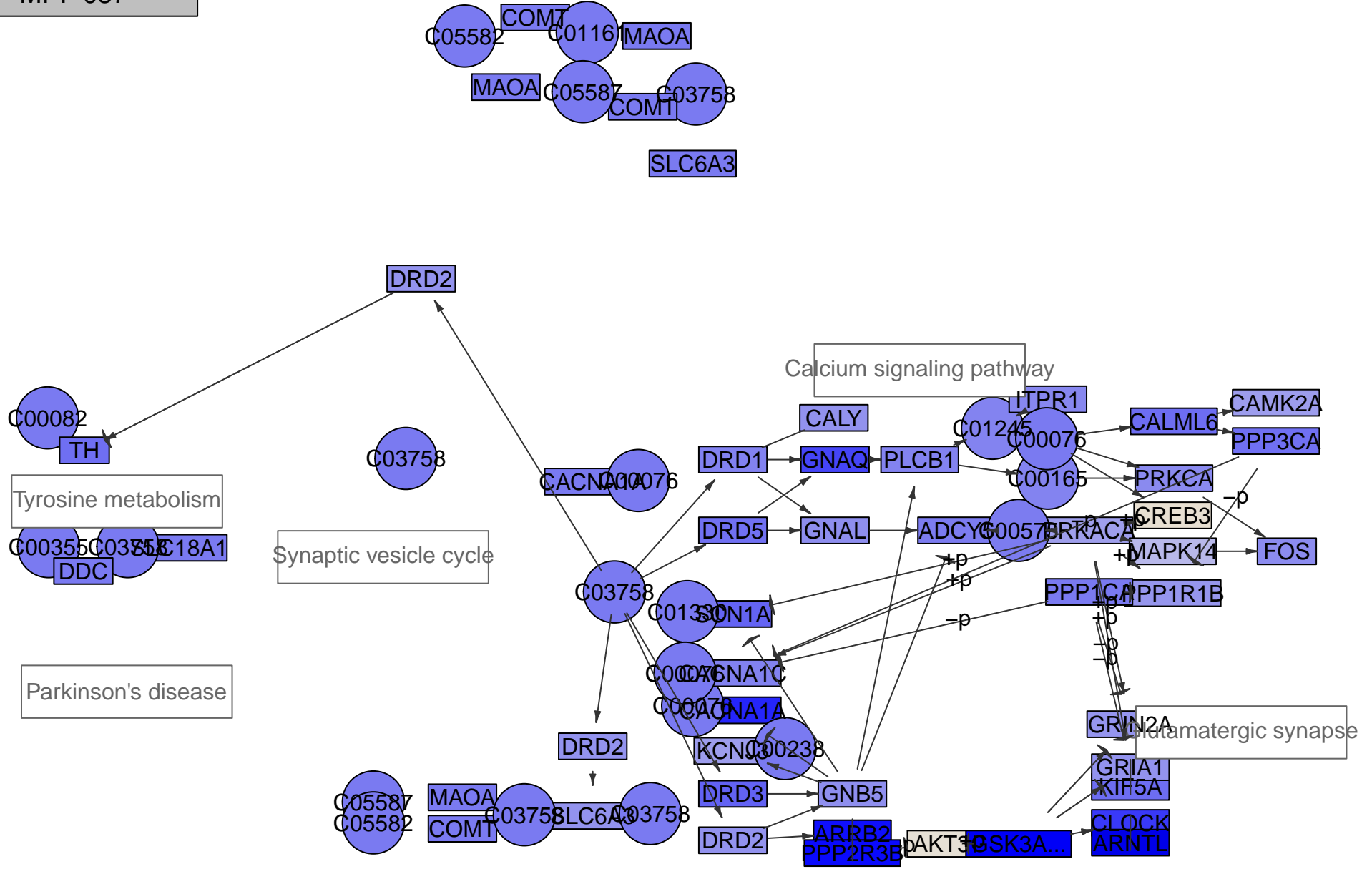
Dopaminergic synapse
MPI-026



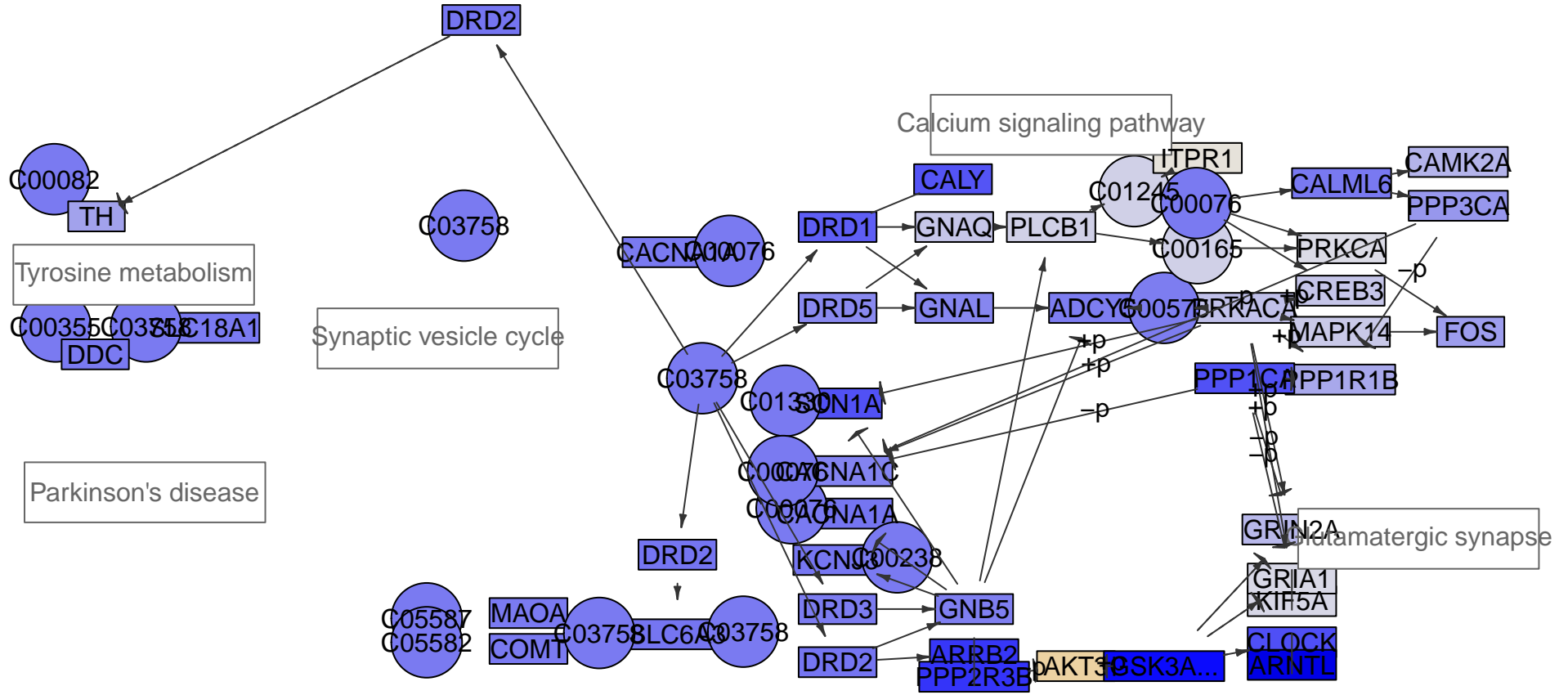
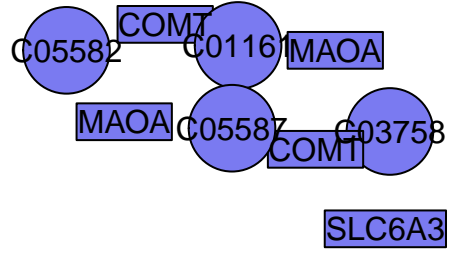
Dopaminergic synapse
MPI-036



Dopaminergic synapse
MPI-037



Dopaminergic synapse
MPI-038



Tyrosine metabolism
C00355 C03358 C18A1
DDC

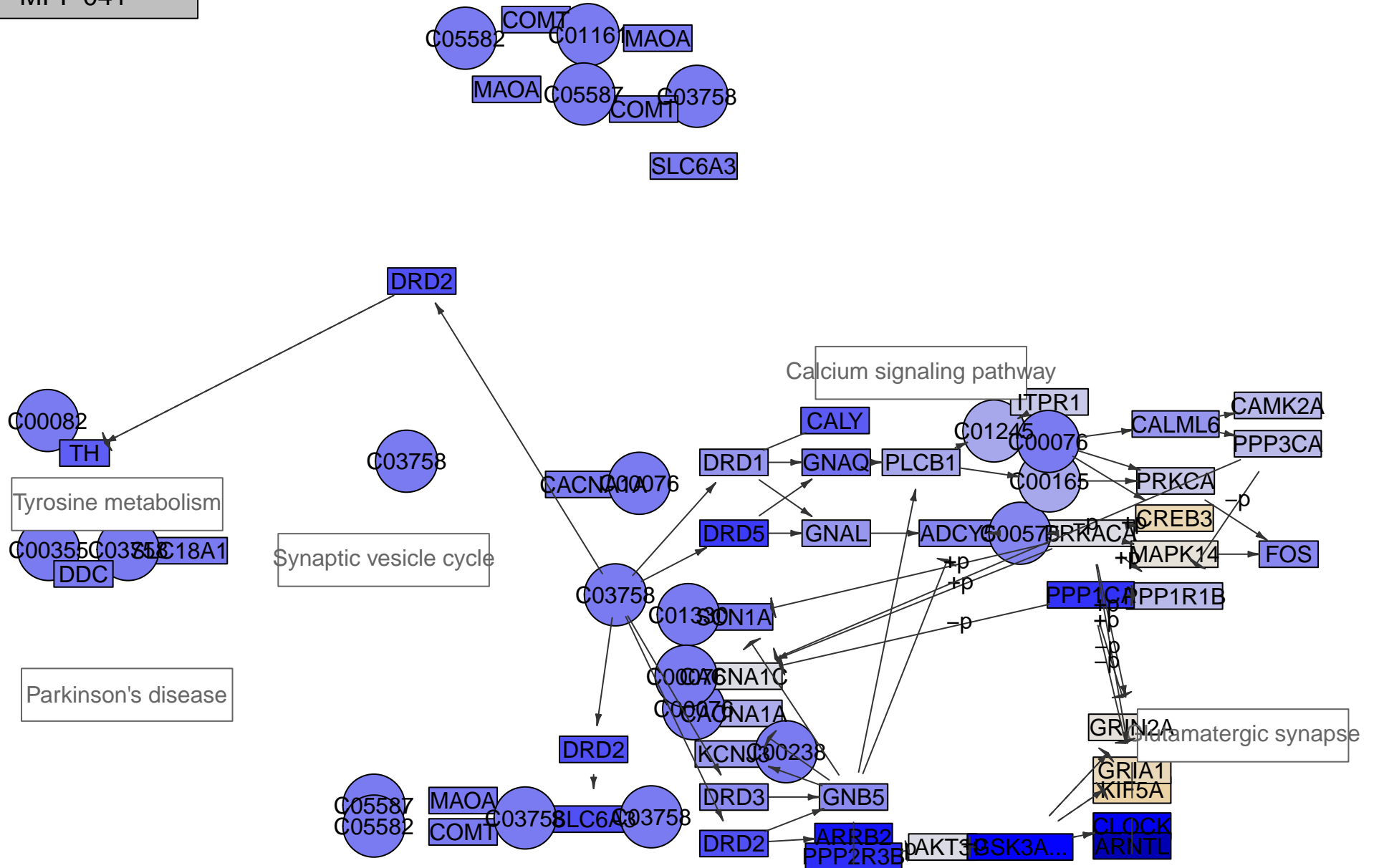
Synaptic vesicle cycle

Parkinson's disease

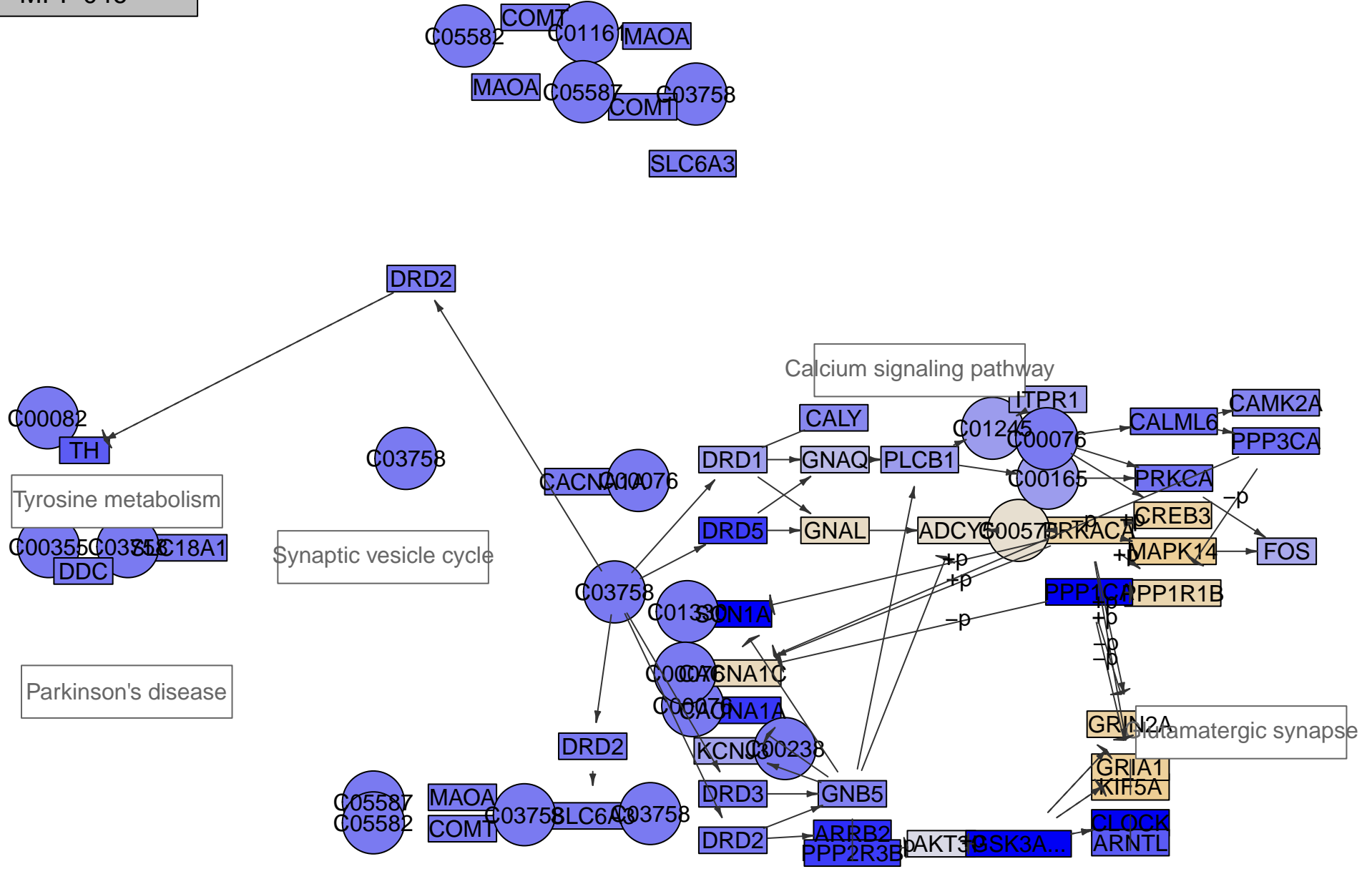
Calcium signaling pathway

Dopaminergic synapse

Dopaminergic synapse
MPI-041



Dopaminergic synapse
MPI-046



Synaptic vesicle cycle

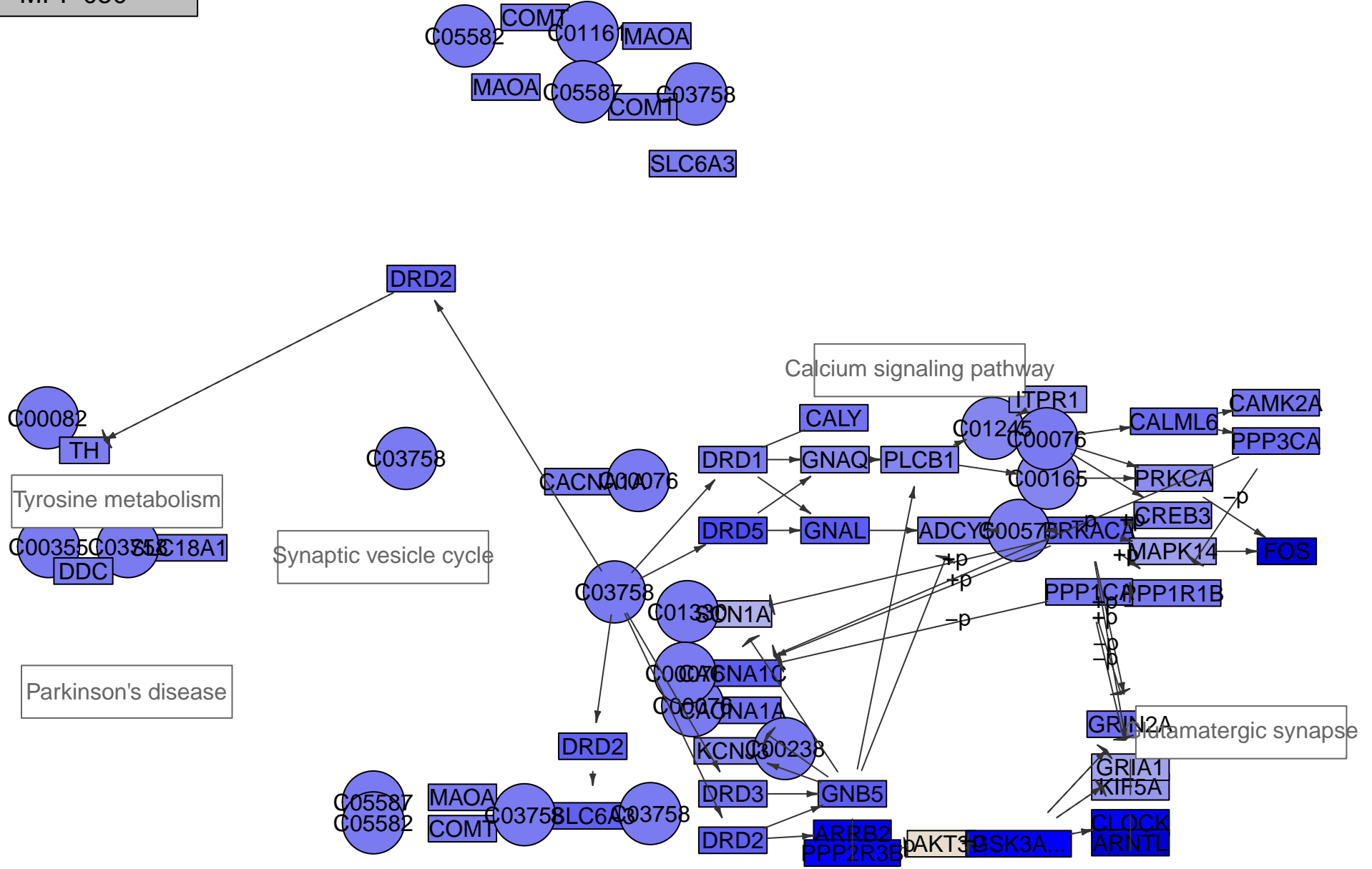
Calcium signaling pathway

Dopaminergic synapse

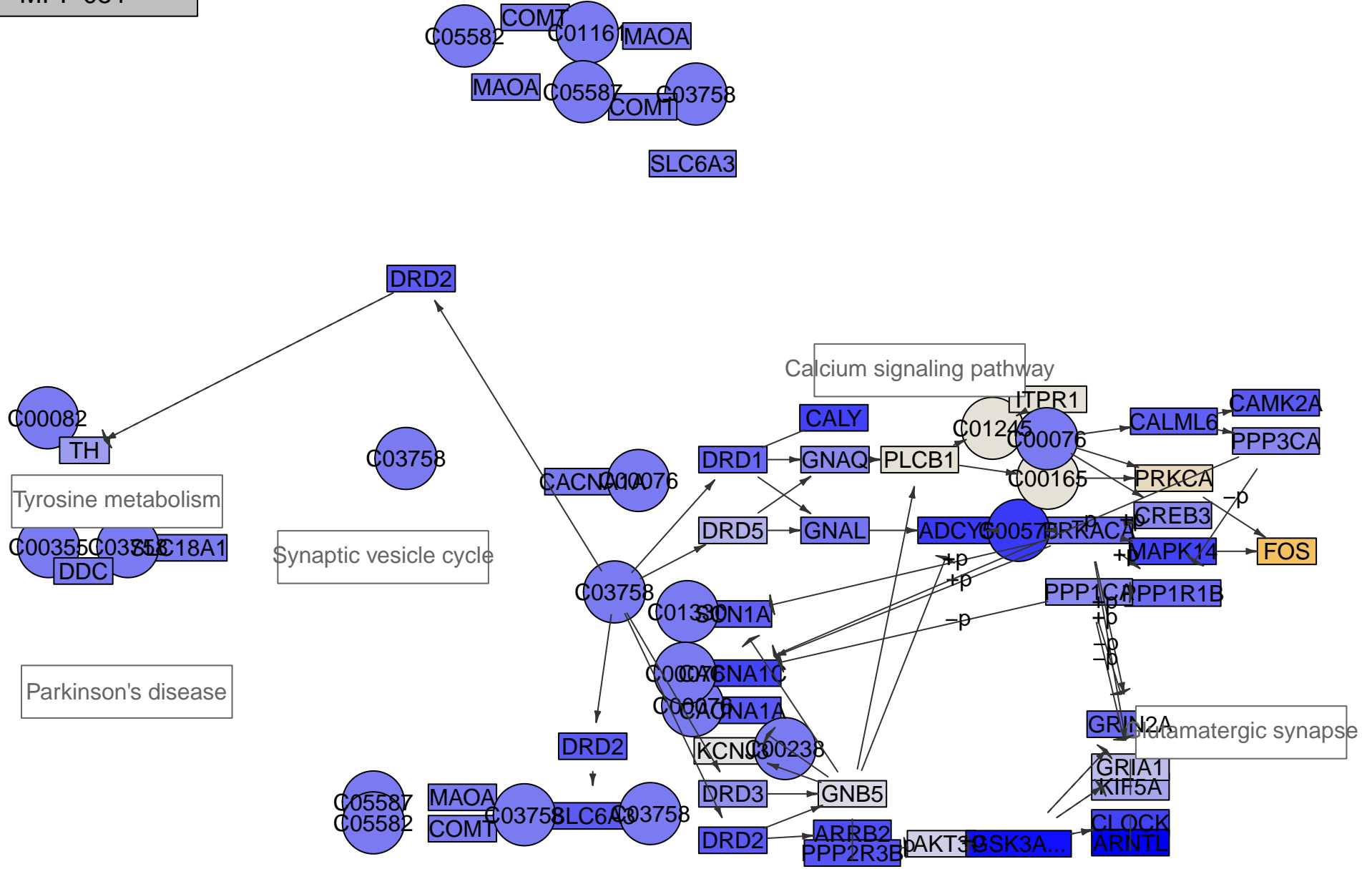
Tyrosine metabolism

Parkinson's disease

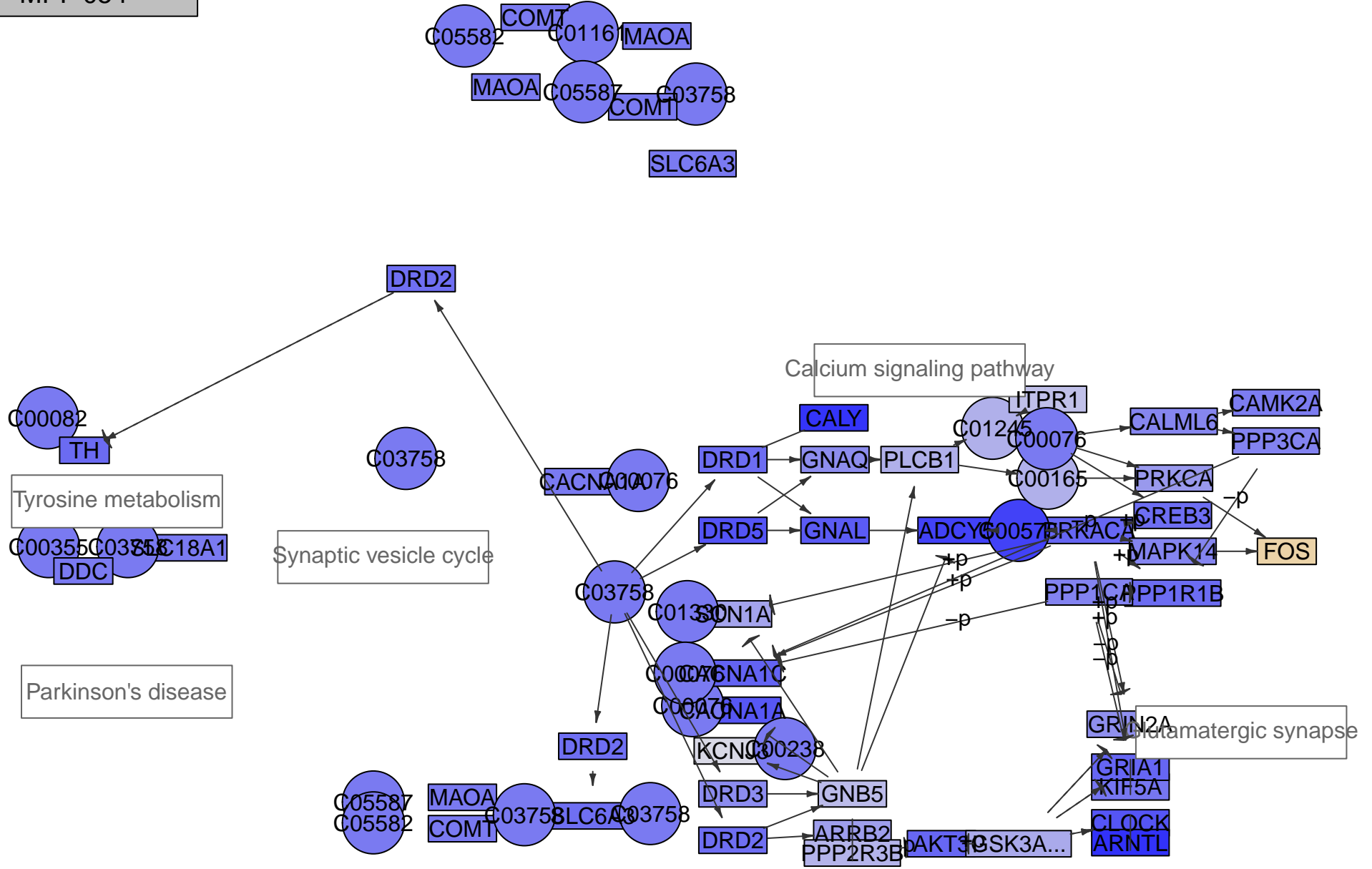
Dopaminergic synapse
MPI-050



Dopaminergic synapse
MPI-051



Dopaminergic synapse
MPI-054



Tyrosine metabolism

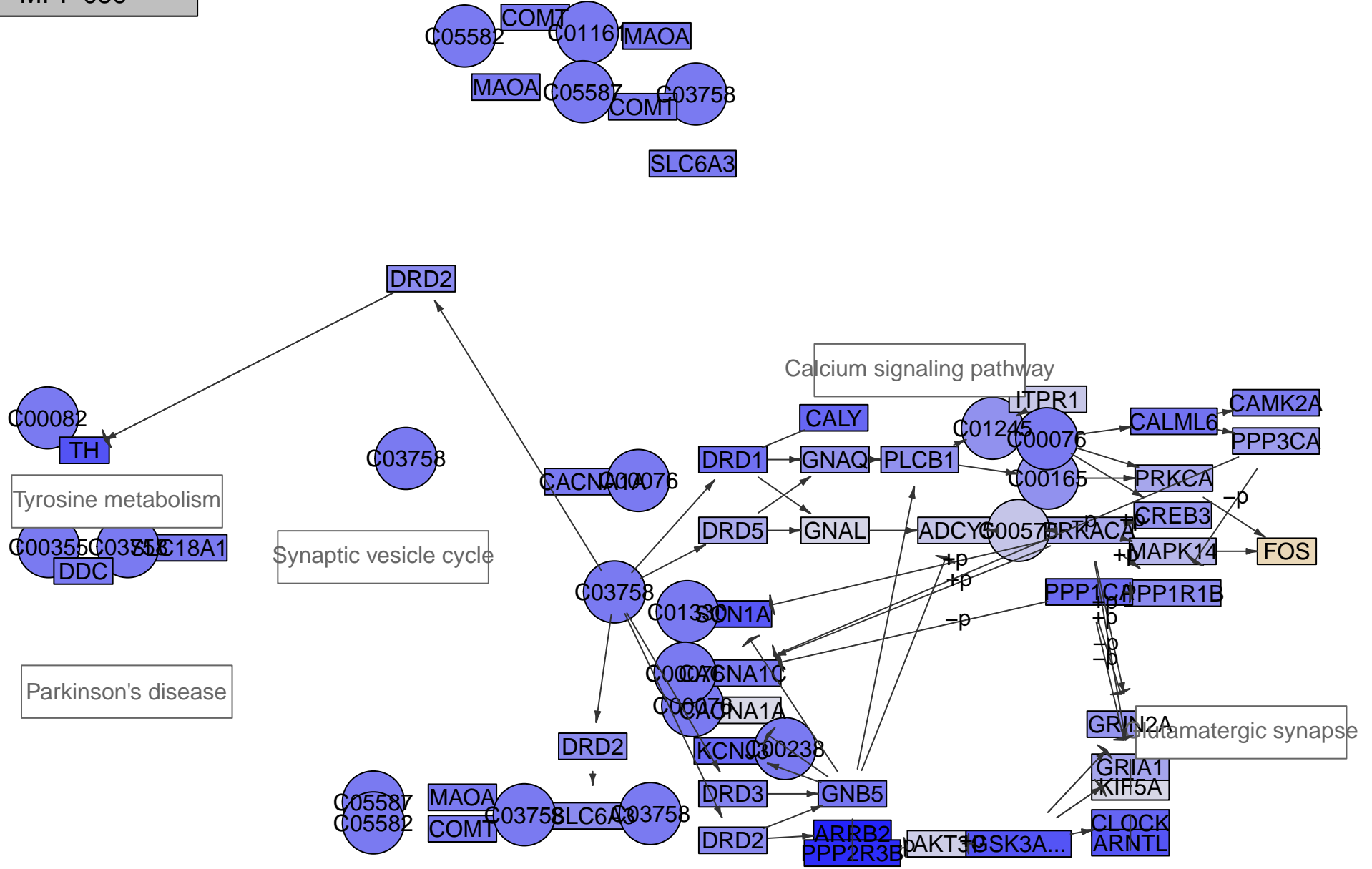
Synaptic vesicle cycle

Parkinson's disease

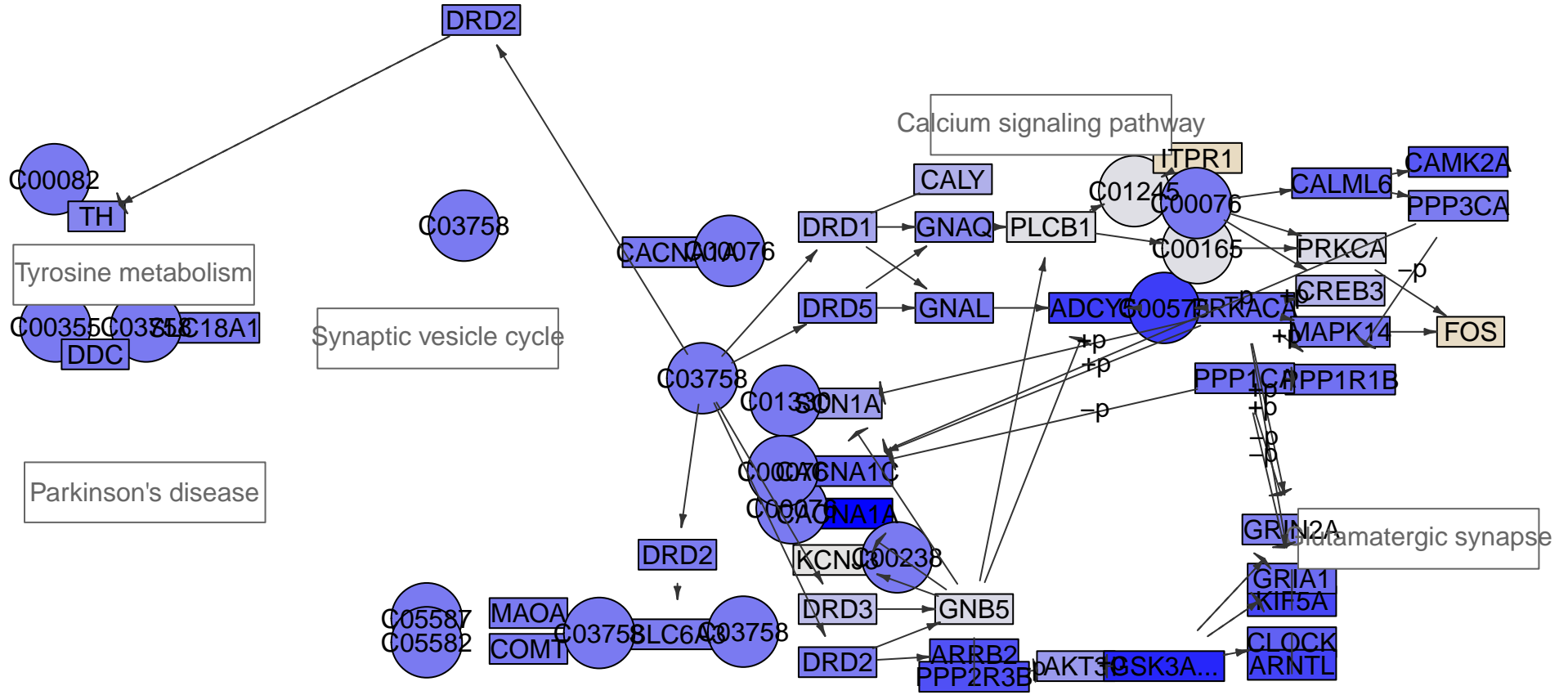
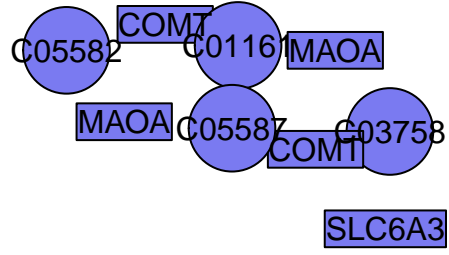
Calcium signaling pathway

Dopaminergic synapse

Dopaminergic synapse
MPI-059



Dopaminergic synapse
MPI-060



Tyrosine metabolism

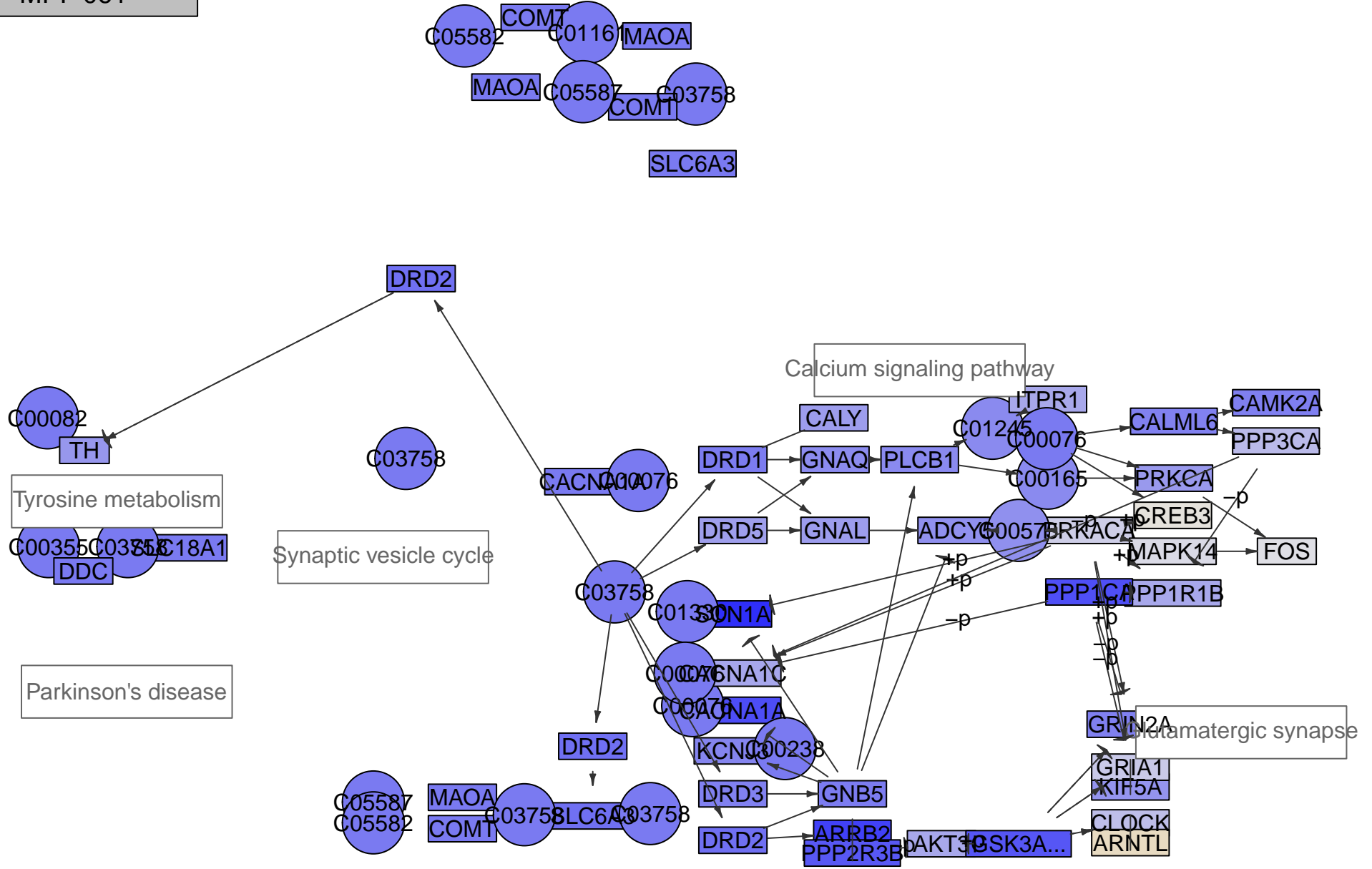
Synaptic vesicle cycle

Parkinson's disease

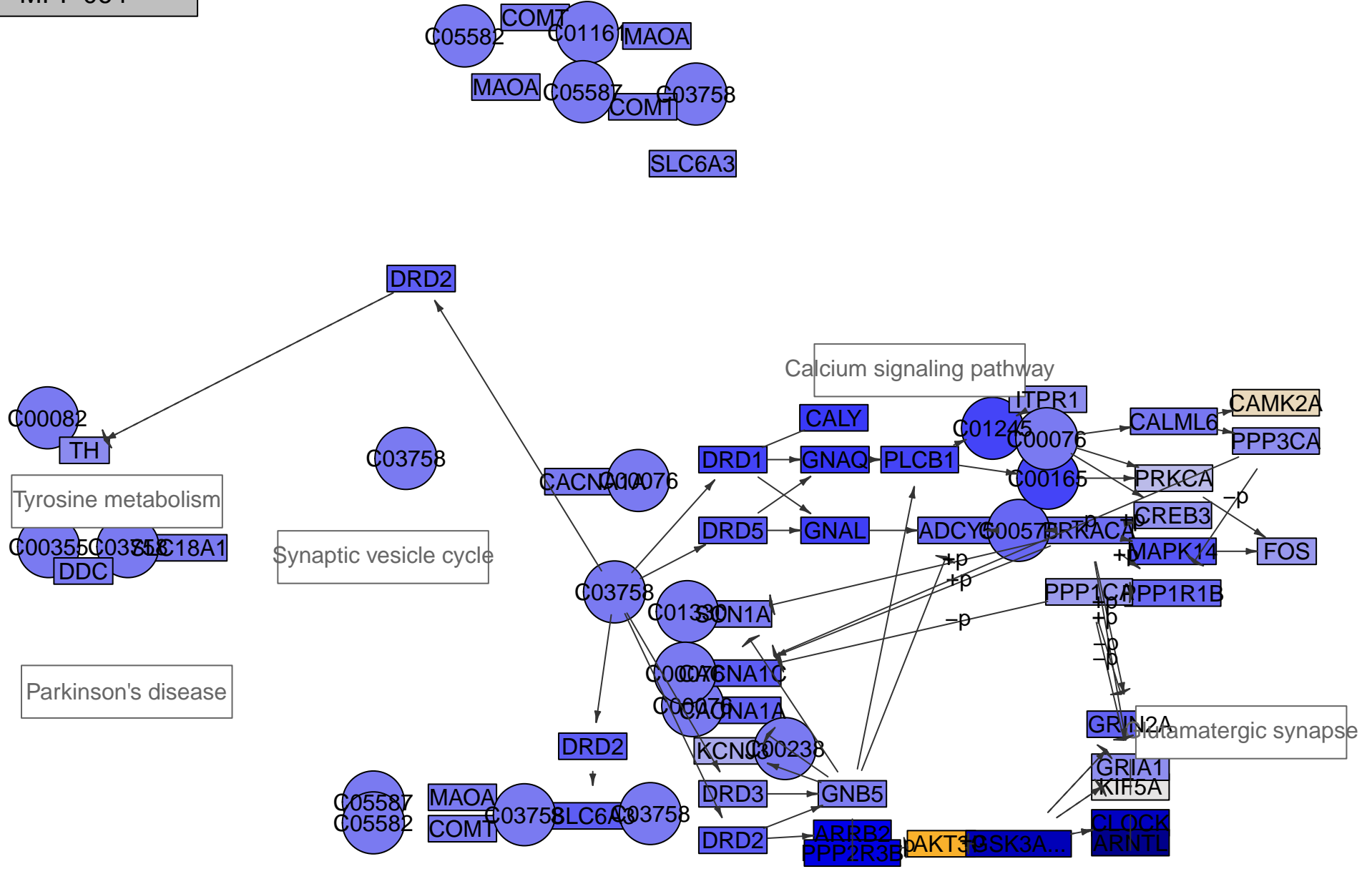
Calcium signaling pathway

Dopaminergic synapse

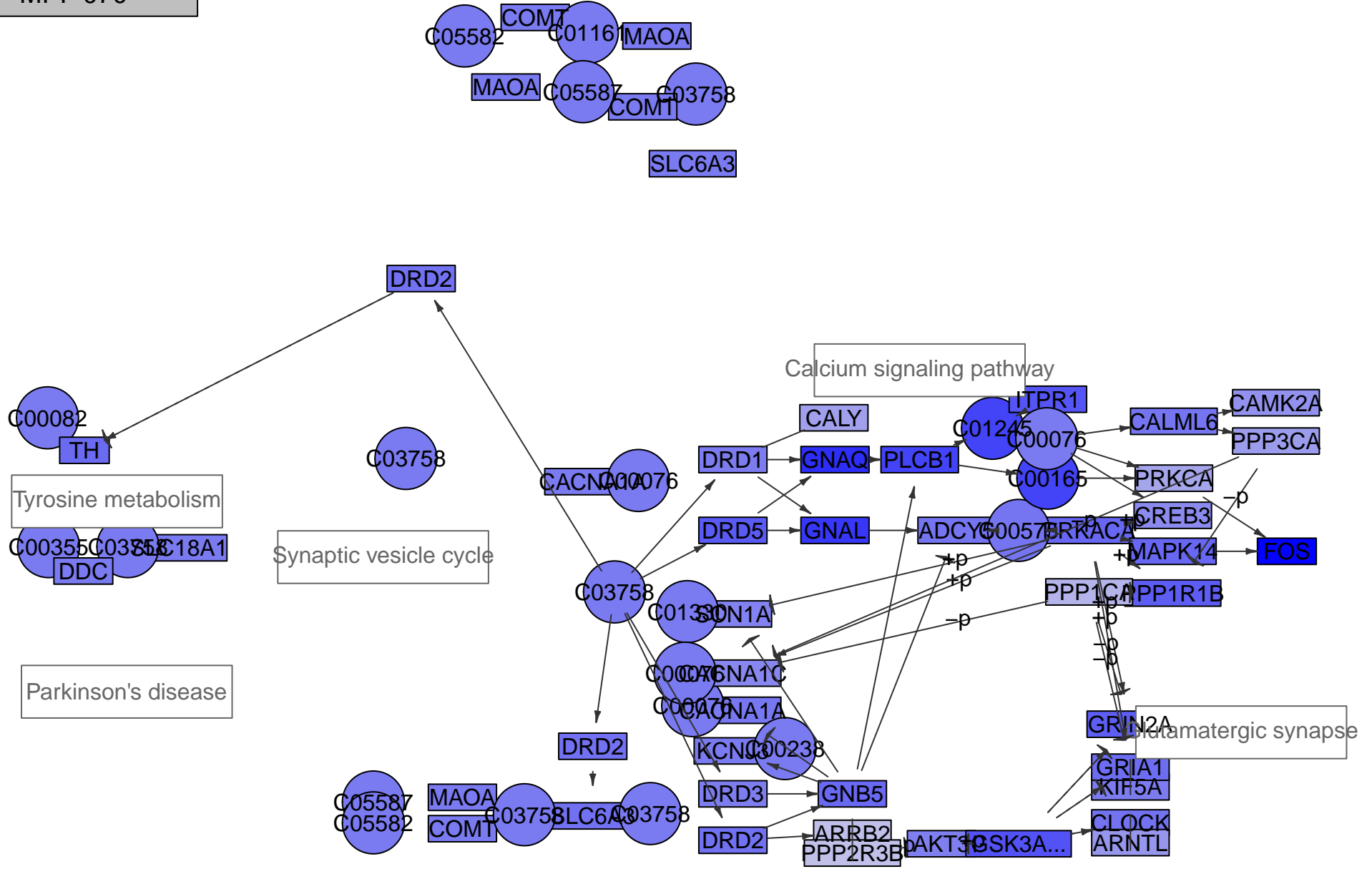
Dopaminergic synapse
MPI-061



Dopaminergic synapse
MPI-064



Dopaminergic synapse
MPI-070



Synaptic vesicle cycle

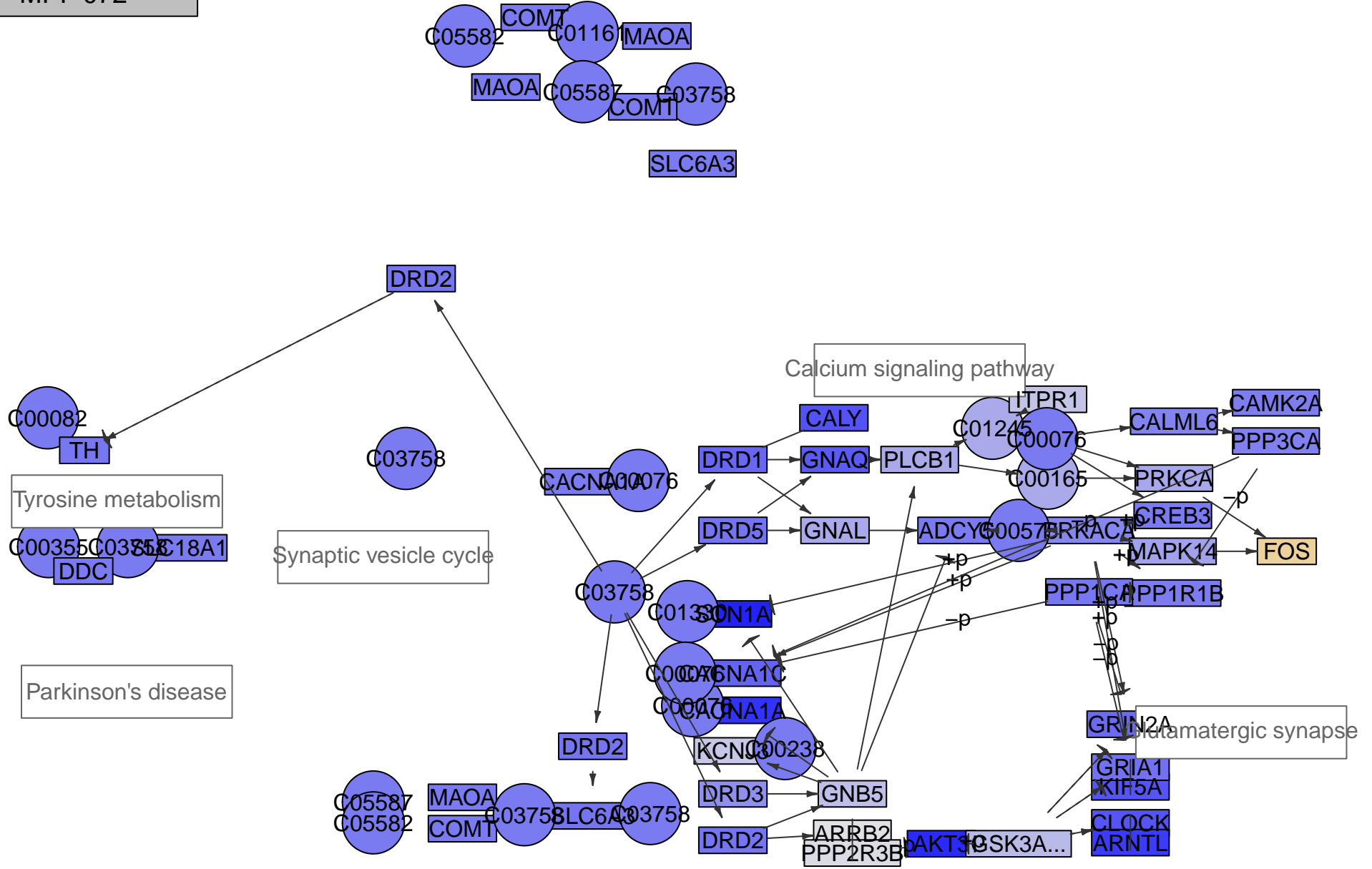
Calcium signaling pathway

Dopaminergic synapse

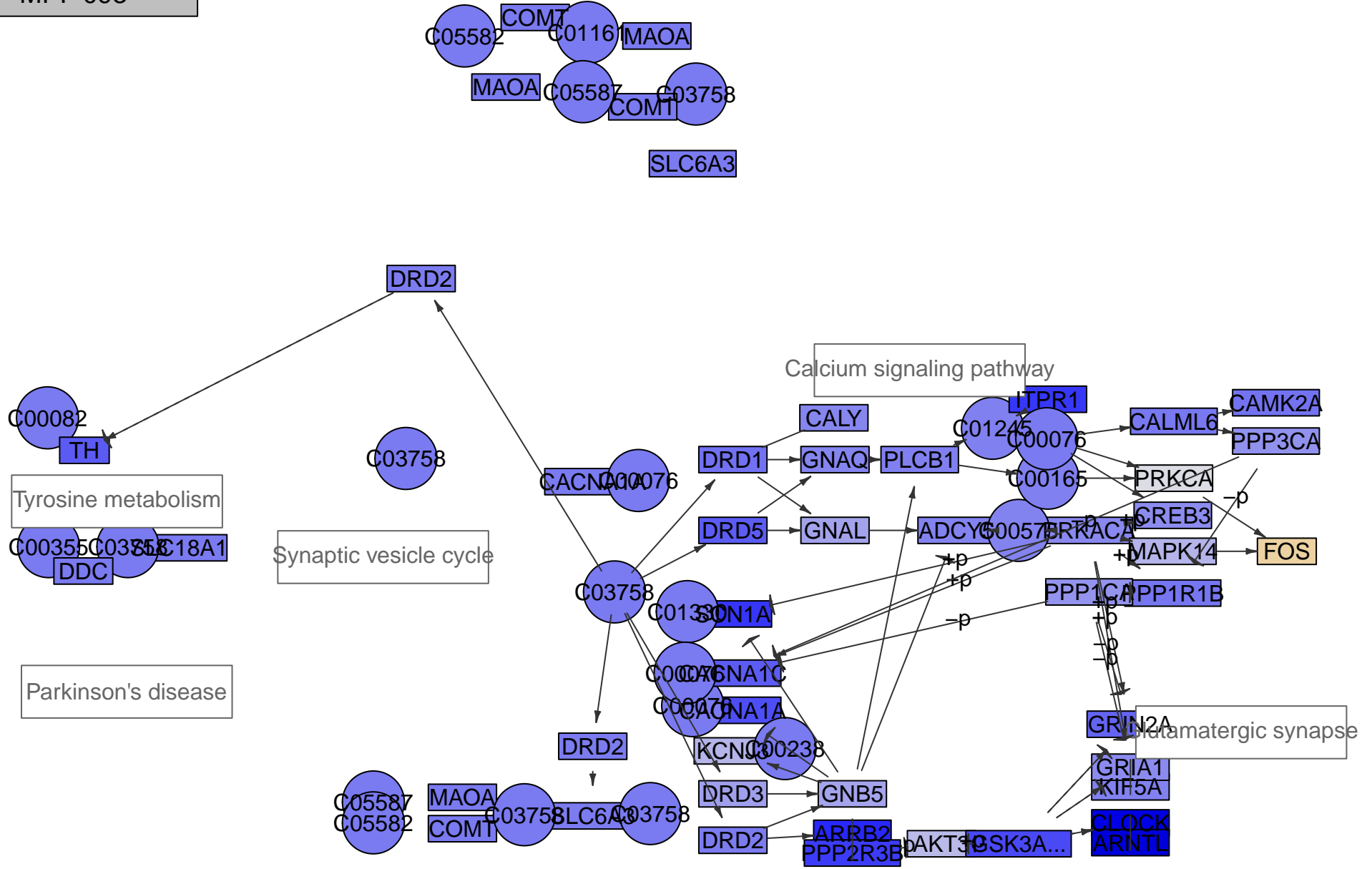
Tyrosine metabolism

Parkinson's disease

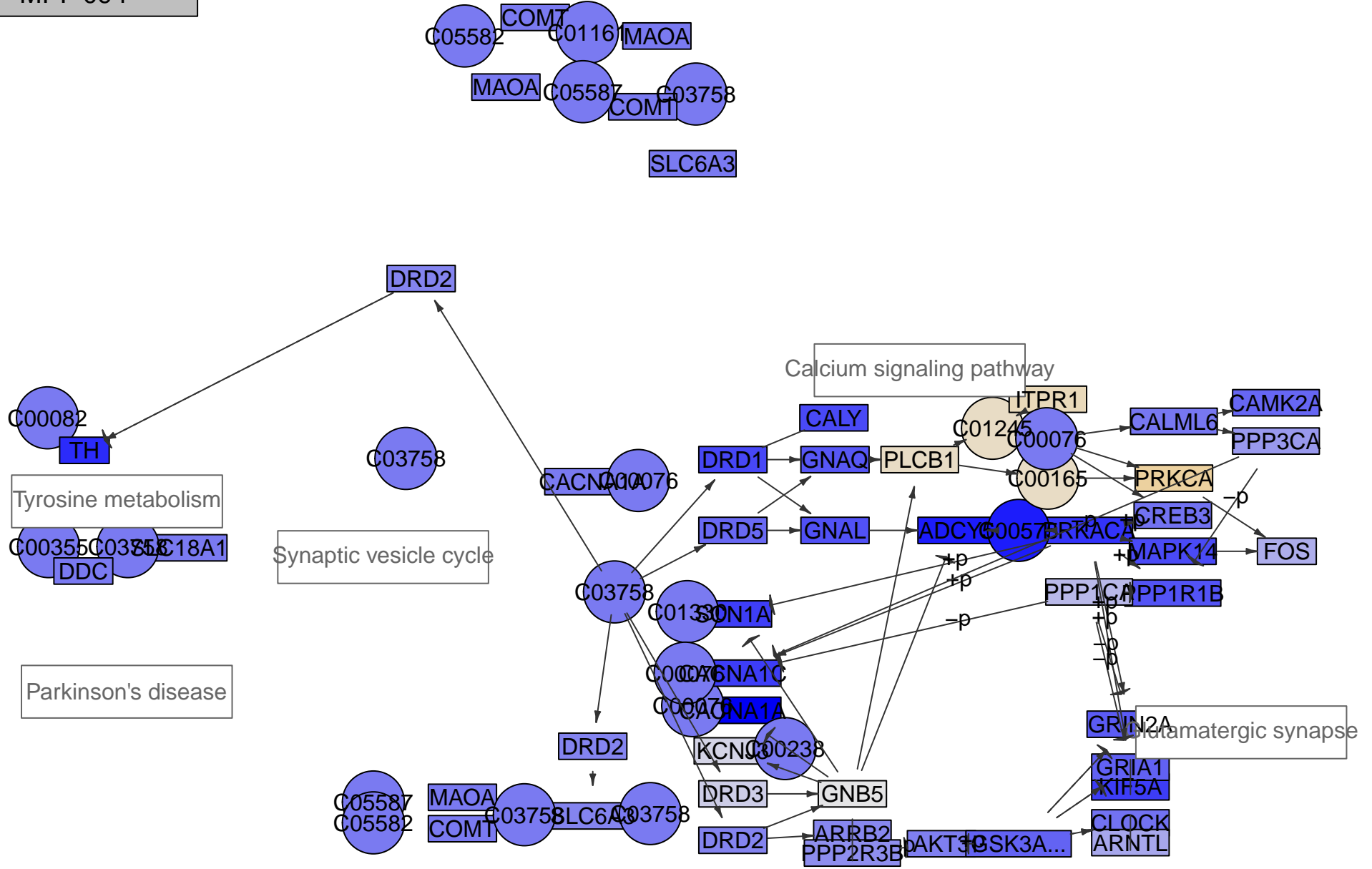
Dopaminergic synapse
MPI-072



Dopaminergic synapse
MPI-093



Dopaminergic synapse
MPI-094



Tyrosine metabolism

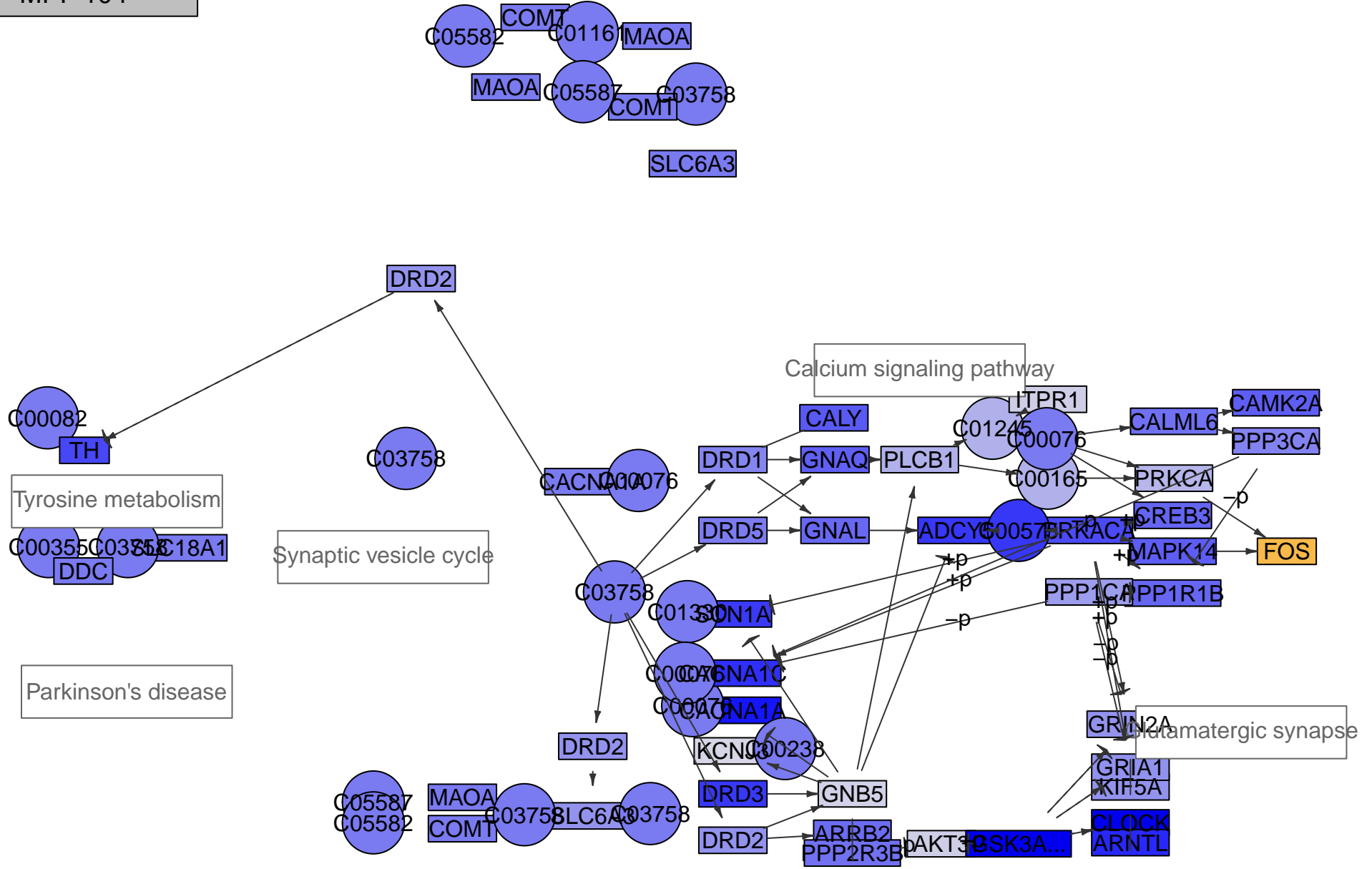
Synaptic vesicle cycle

Calcium signaling pathway

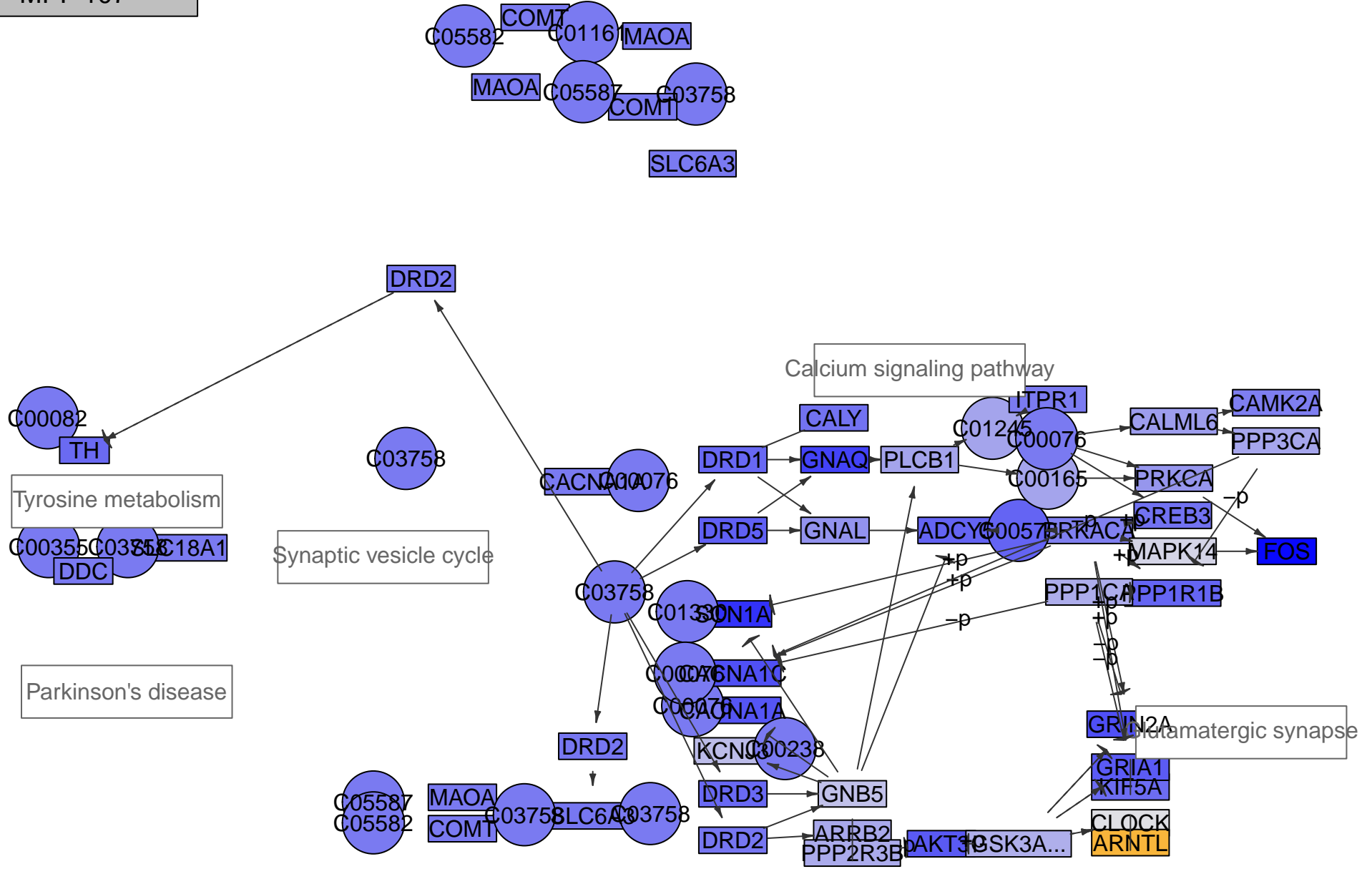
Dopaminergic synapse

Parkinson's disease

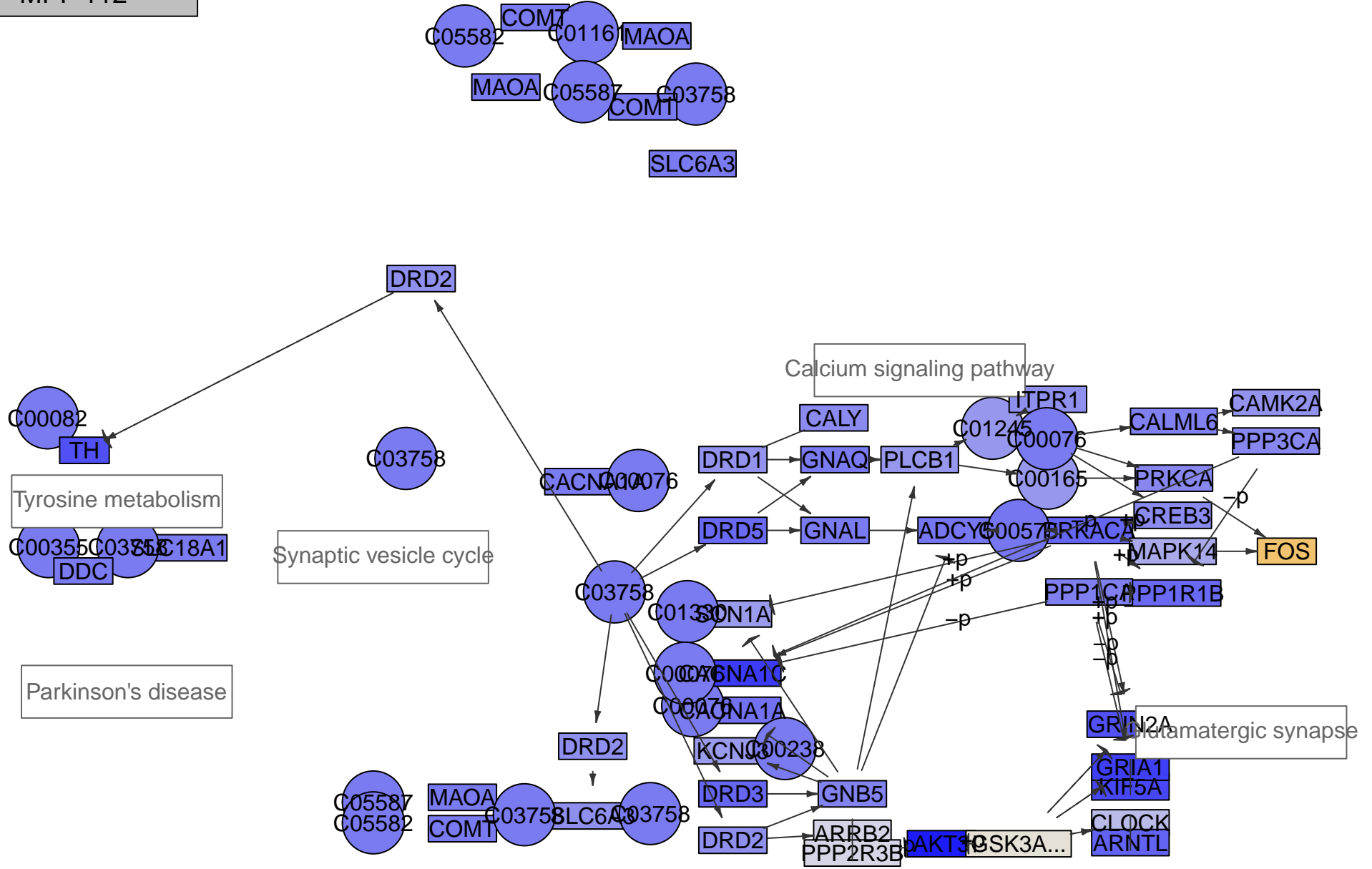
Dopaminergic synapse
MPI-104



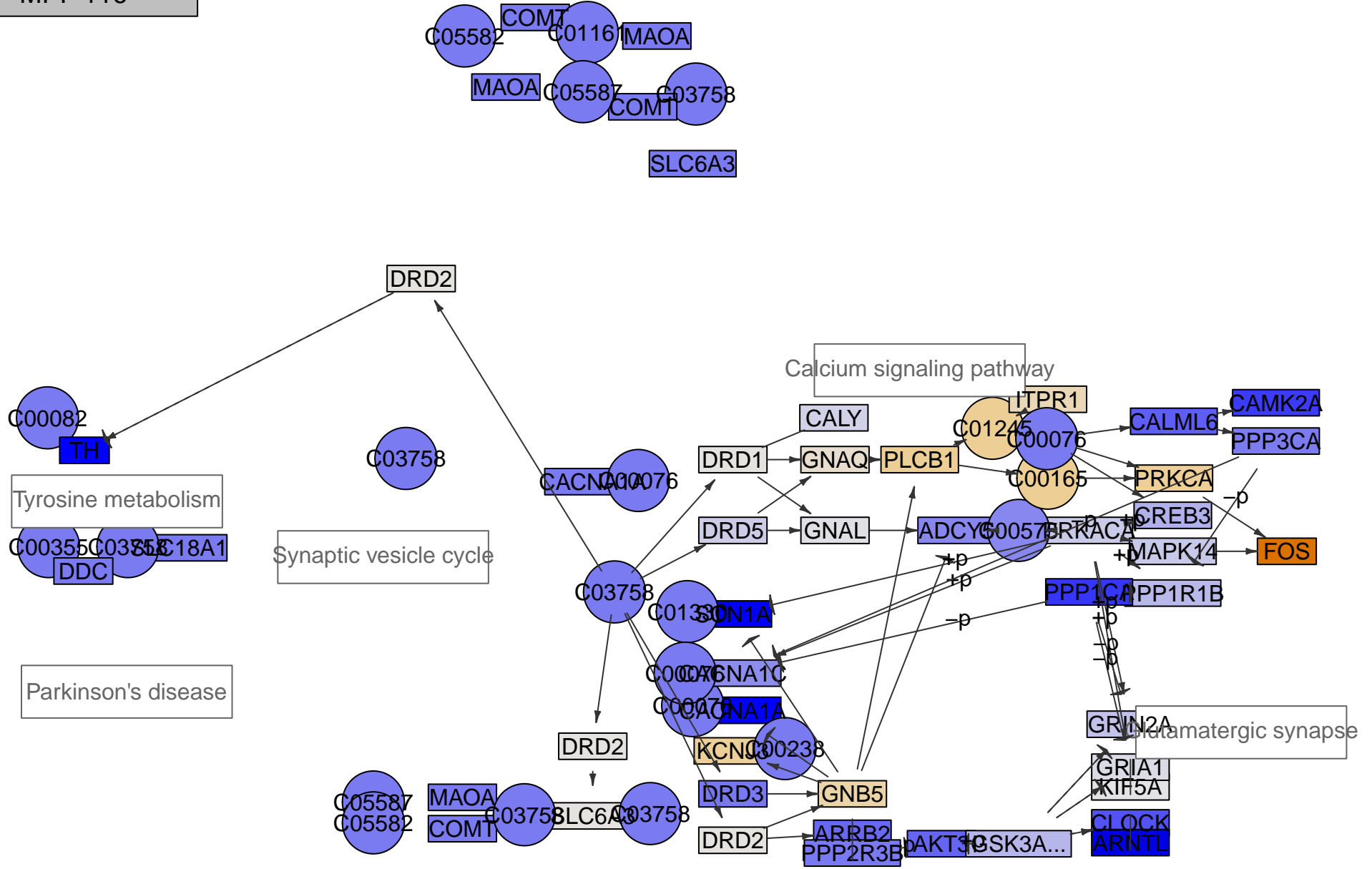
Dopaminergic synapse
MPI-107



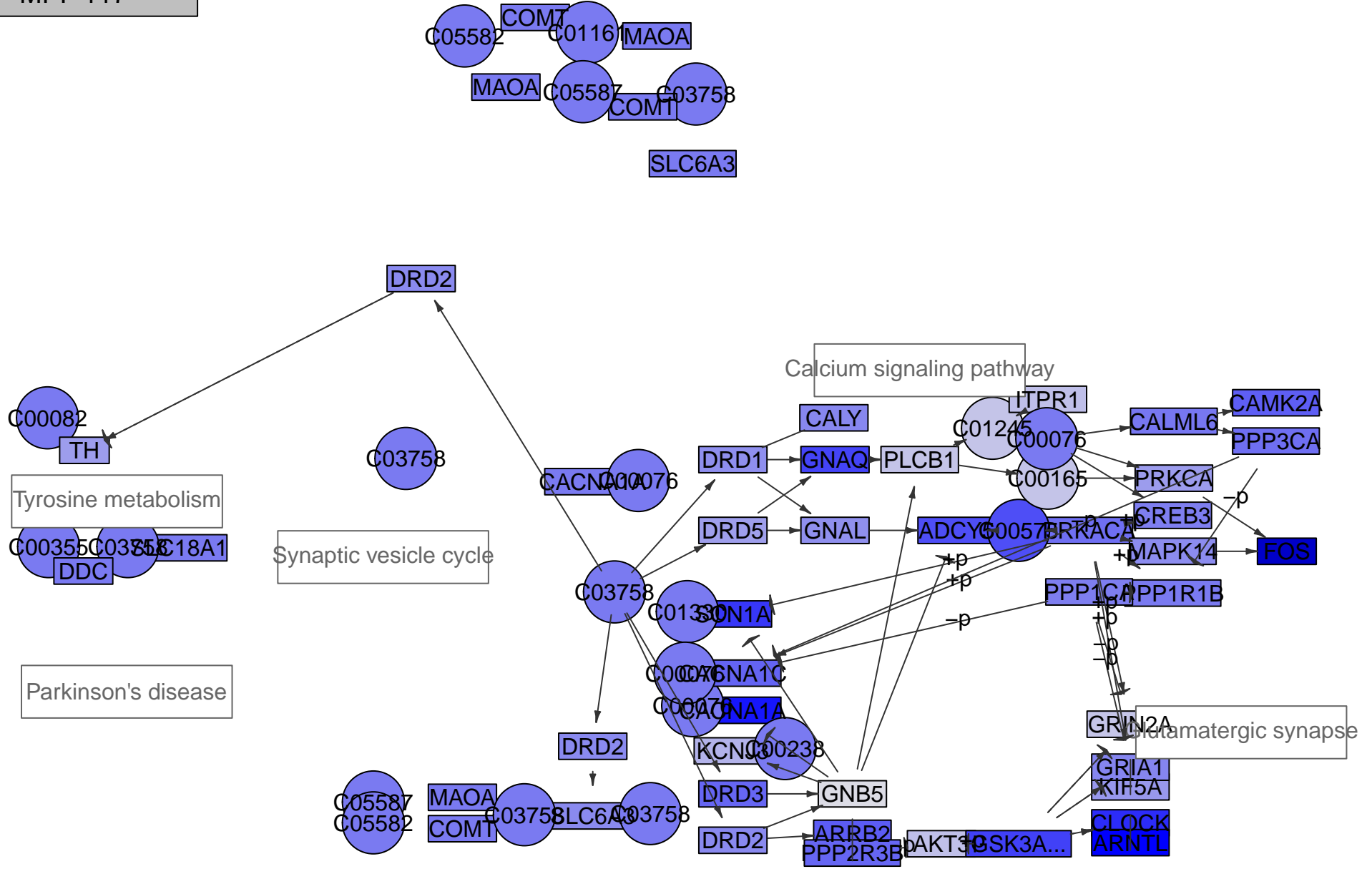
Dopaminergic synapse
MPI-112



Dopaminergic synapse
MPI-116



Dopaminergic synapse
MPI-117



Synaptic vesicle cycle

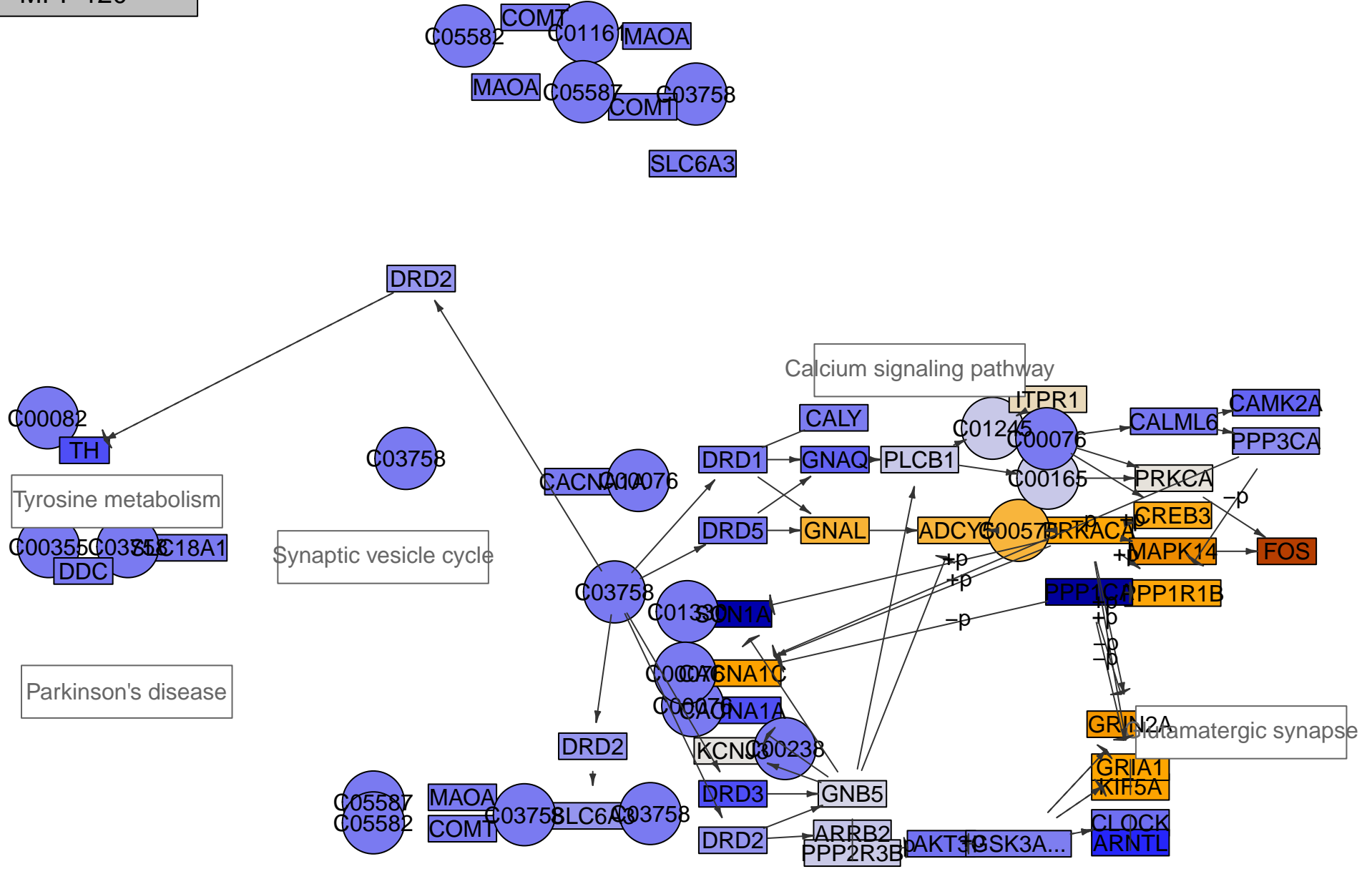
Calcium signaling pathway

Dopaminergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-120



Synaptic vesicle cycle

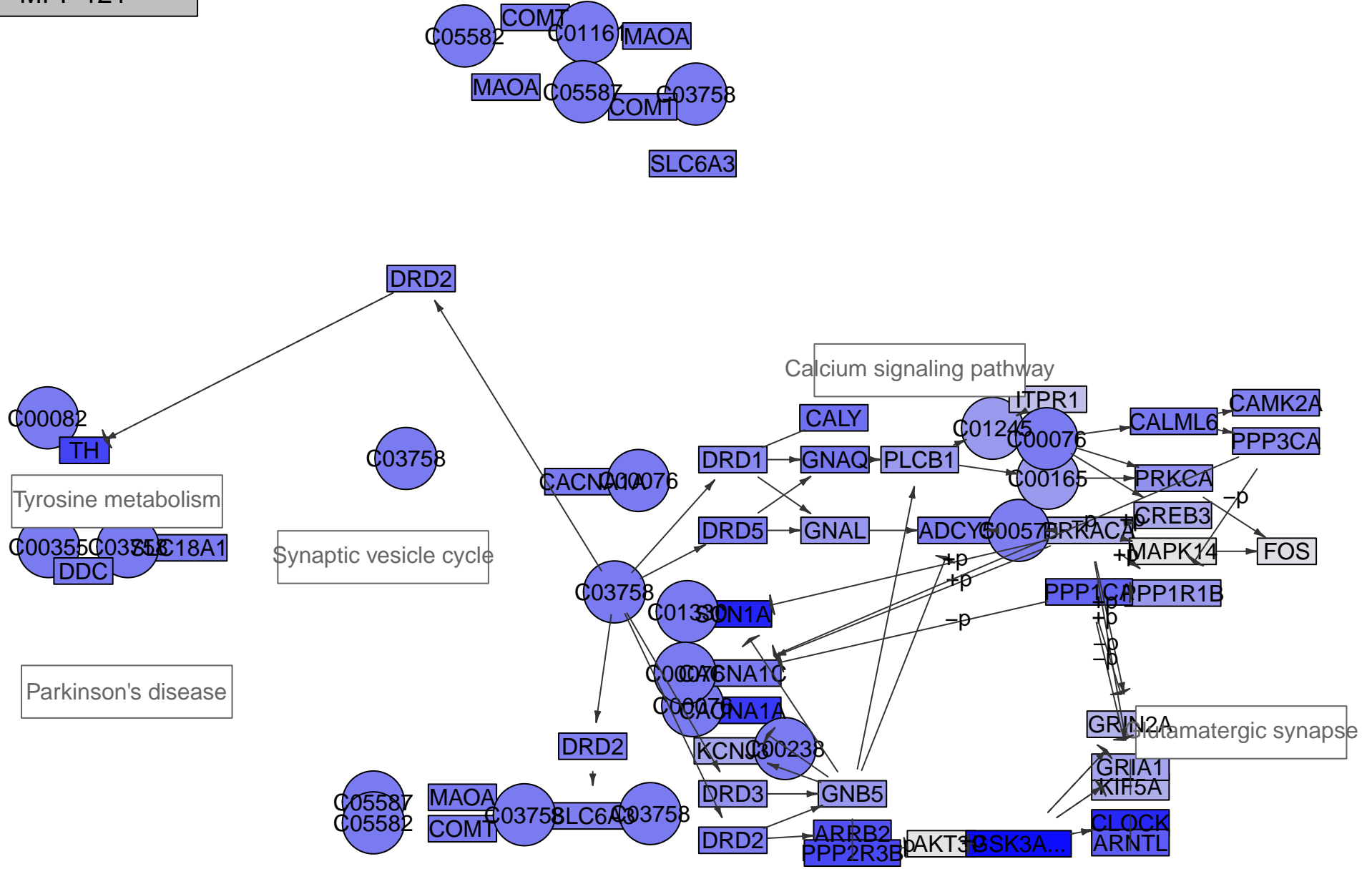
Calcium signaling pathway

Tyrosine metabolism

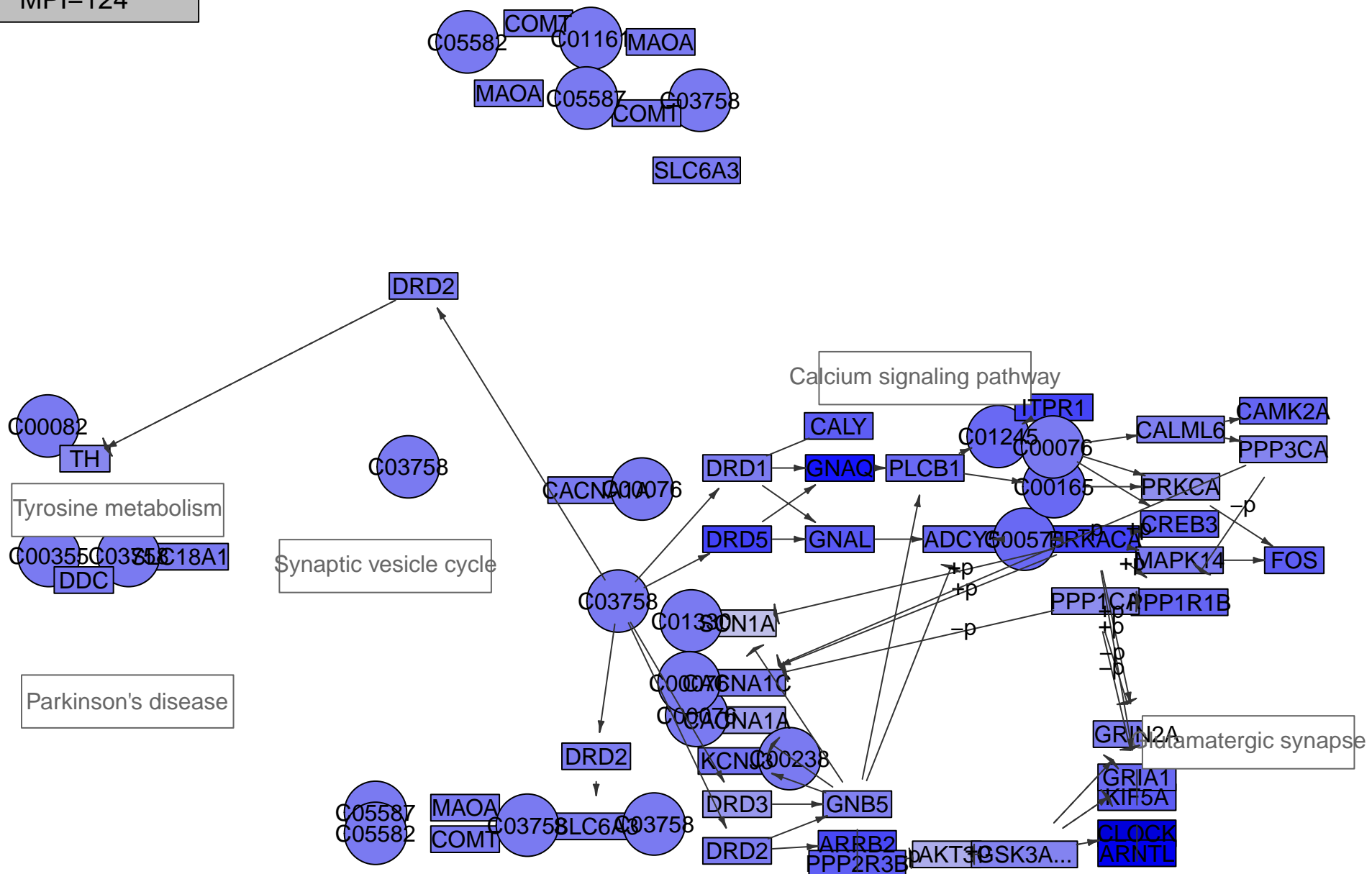
Parkinson's disease

Dopaminergic synapse

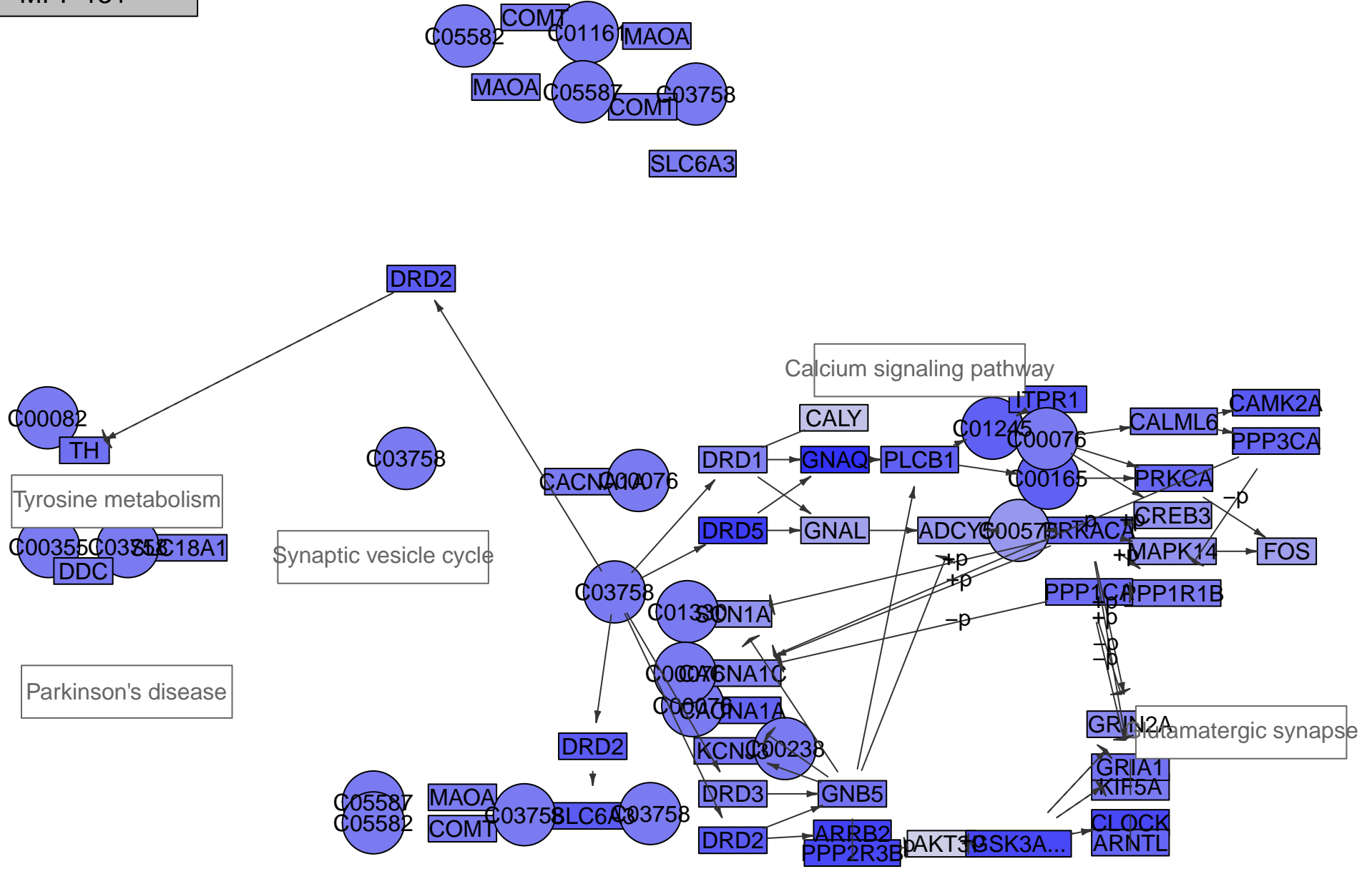
Dopaminergic synapse
MPI-121



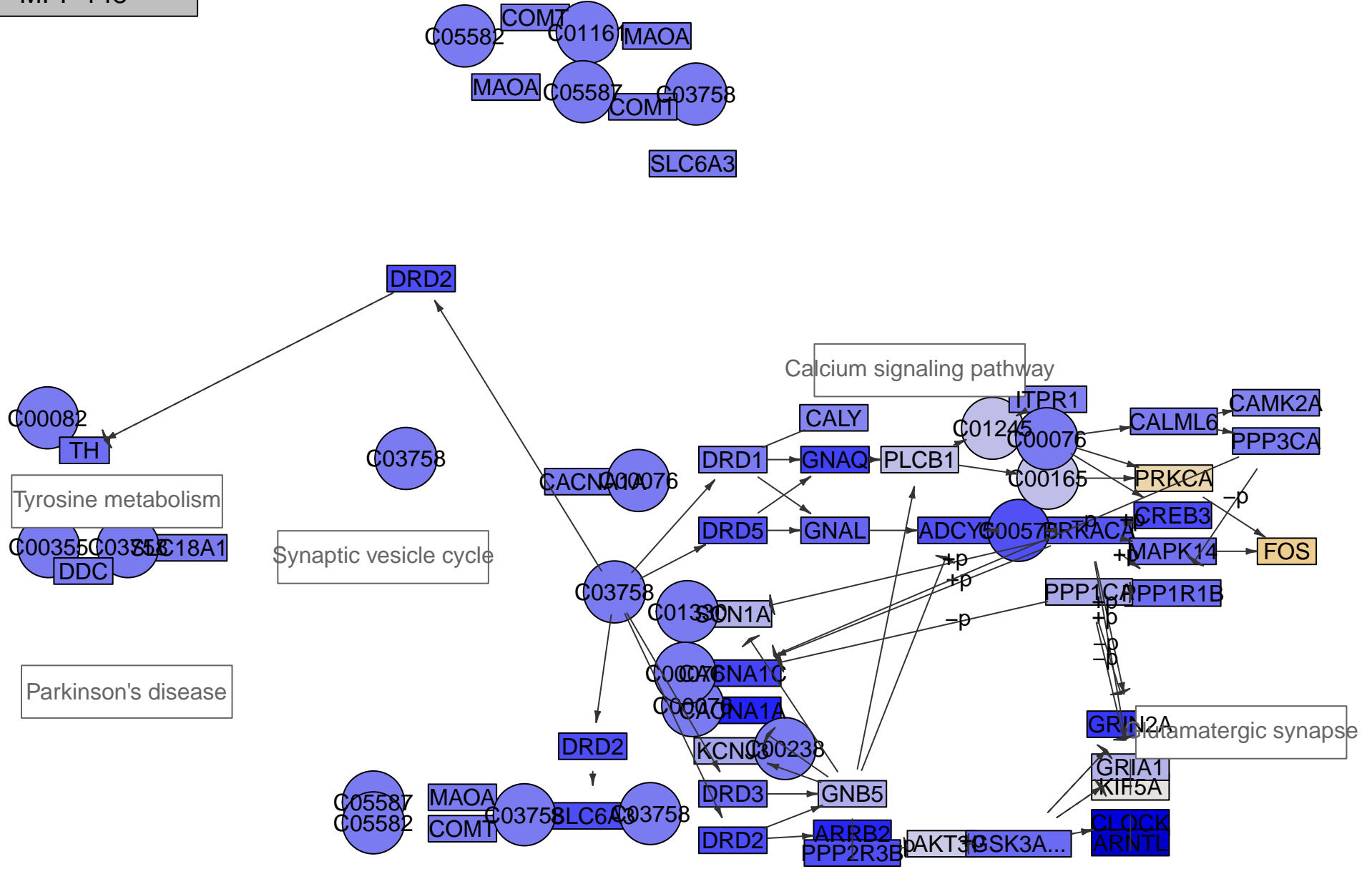
Dopaminergic synapse MPI-124



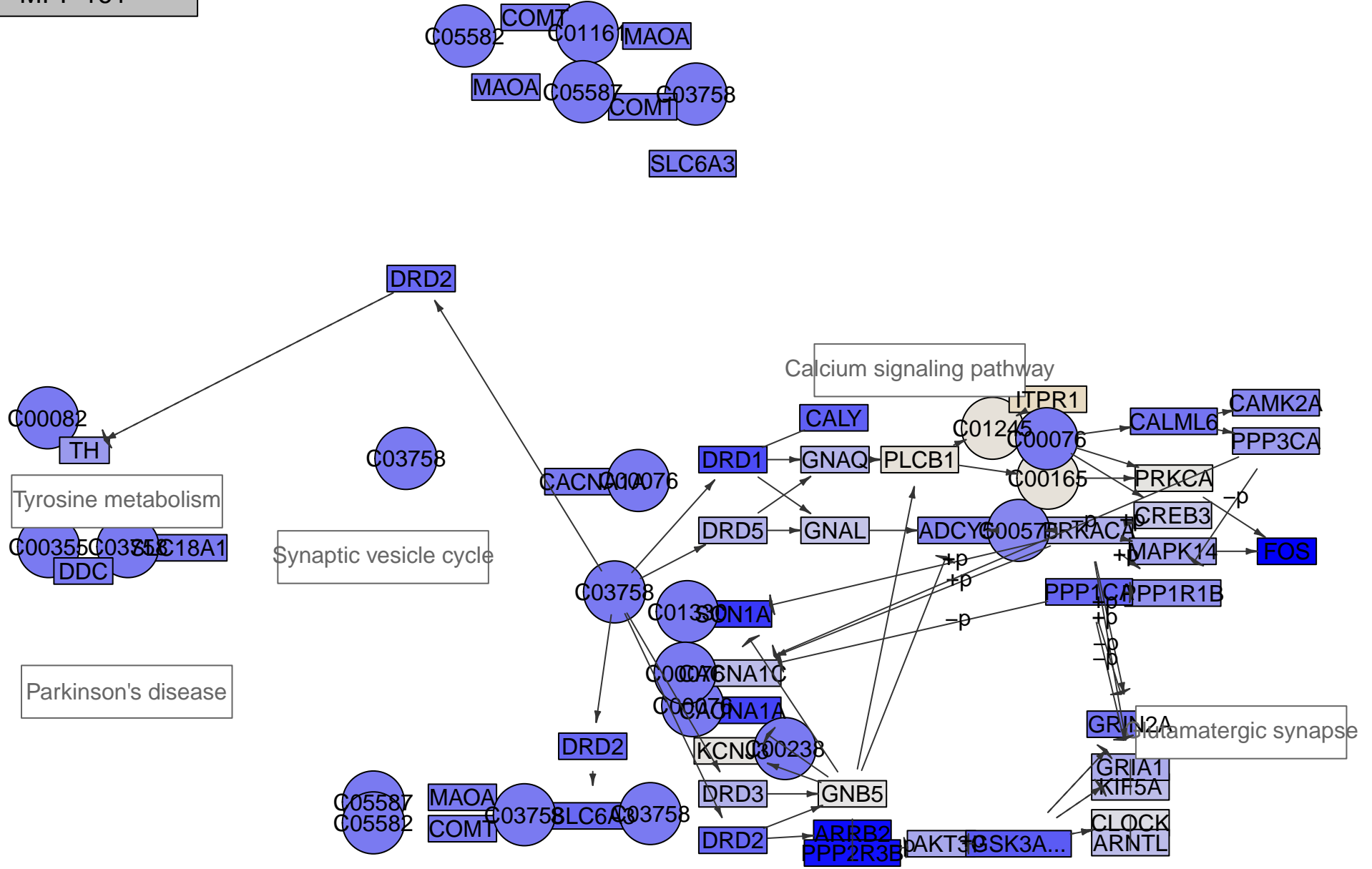
Dopaminergic synapse
MPI-131



Dopaminergic synapse
MPI-148



Dopaminergic synapse
MPI-161



Calcium signaling pathway

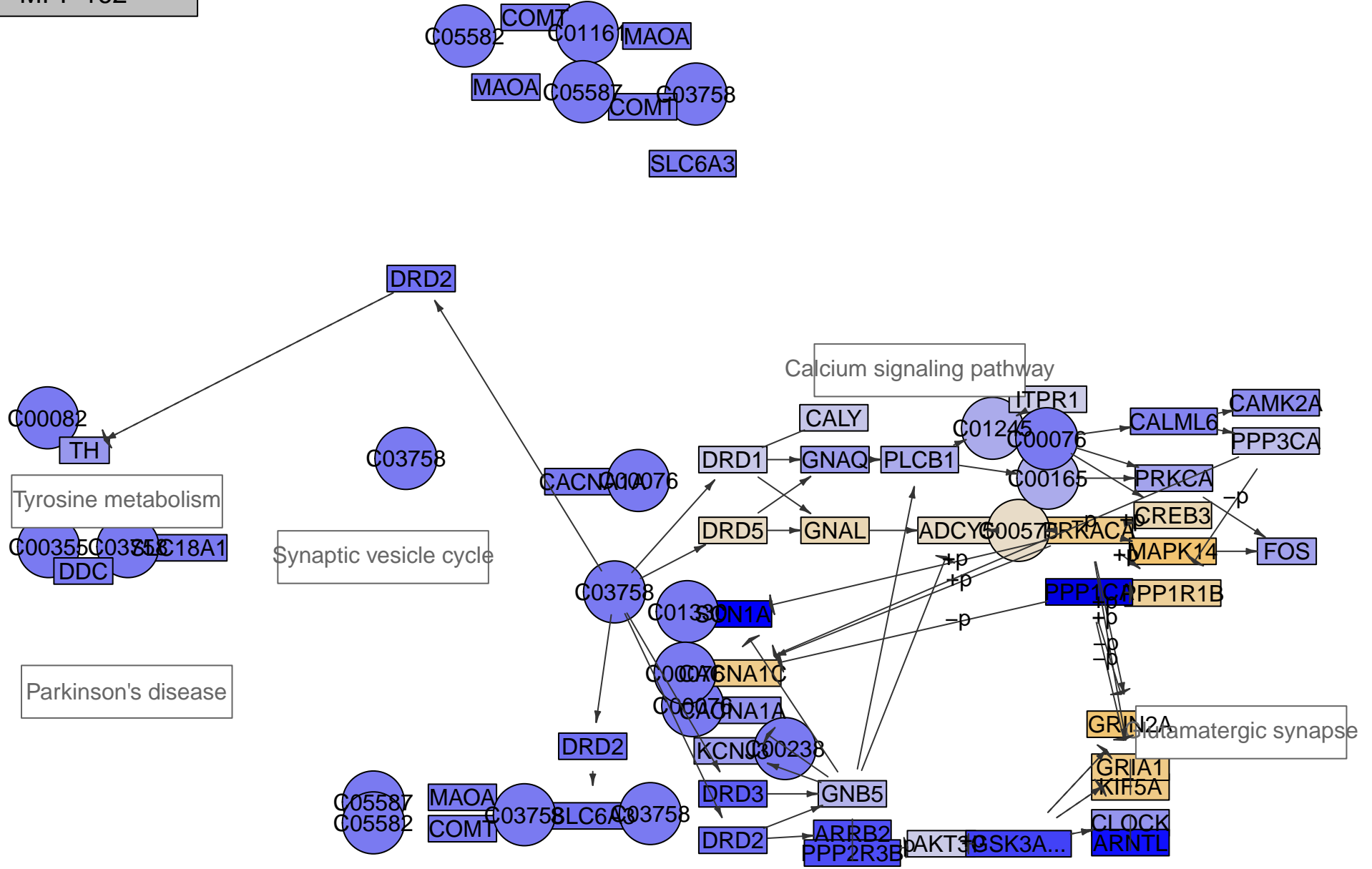
Tyrosine metabolism

Synaptic vesicle cycle

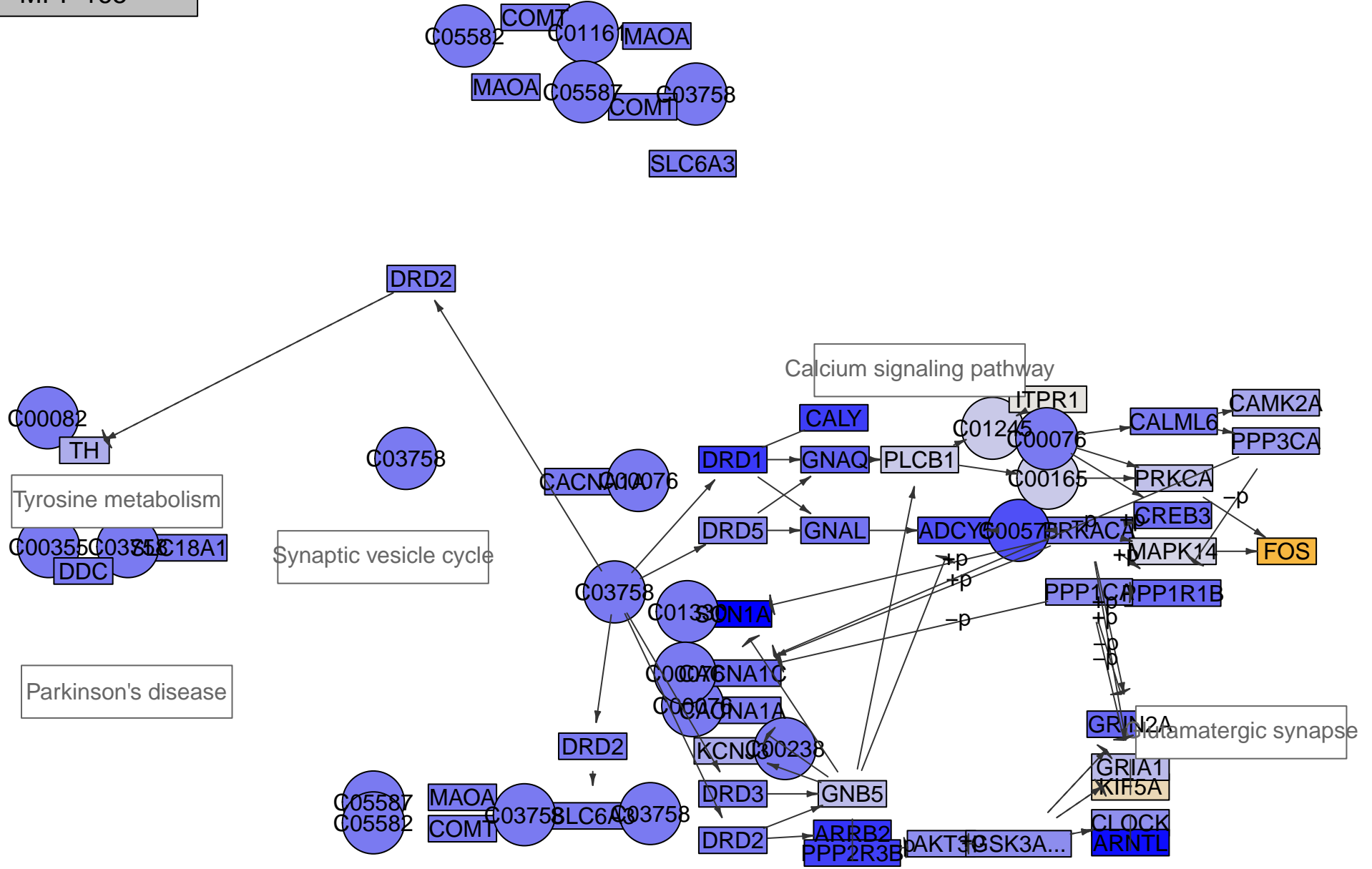
Parkinson's disease

Dopaminergic synapse

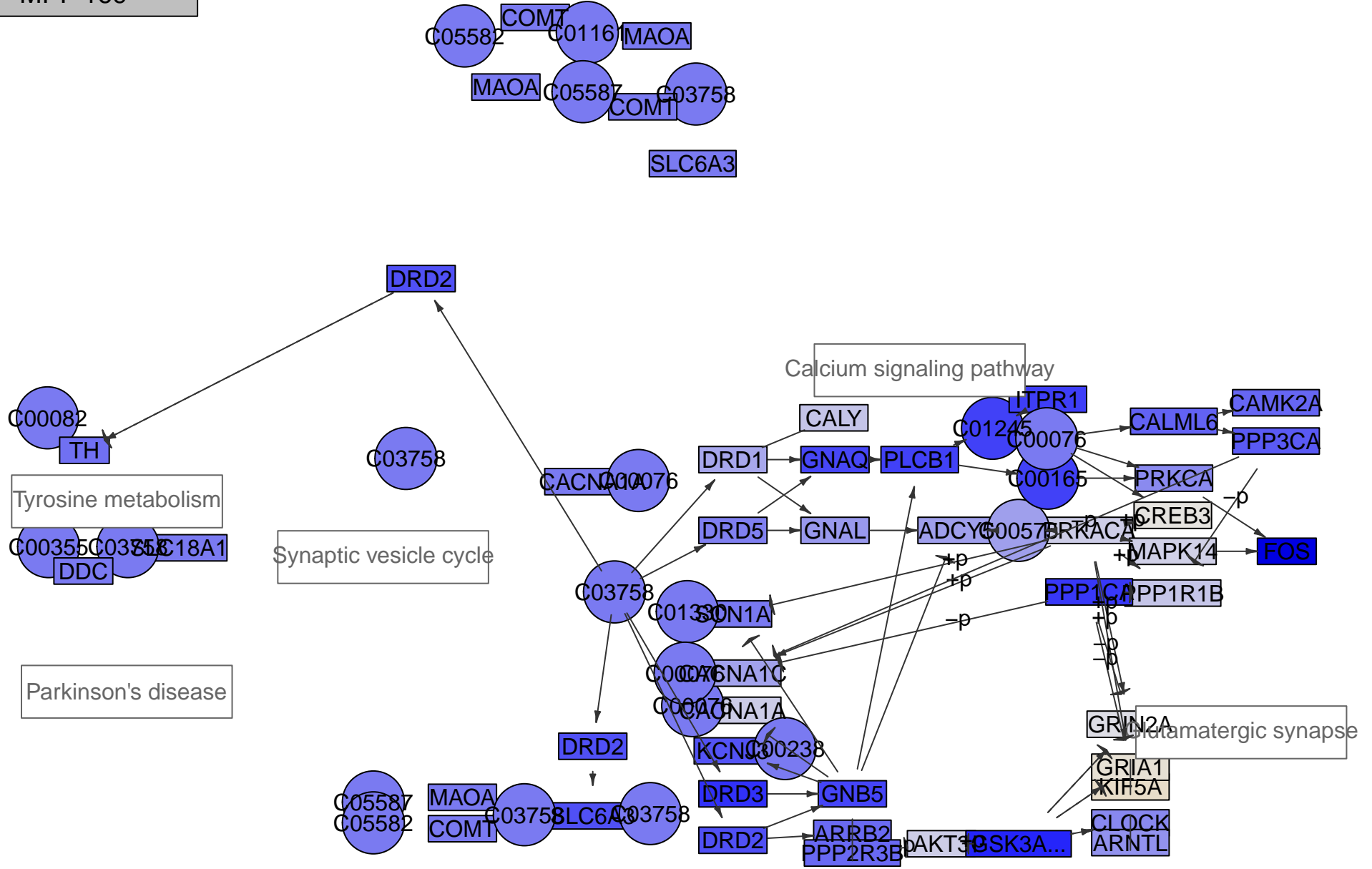
Dopaminergic synapse
MPI-162



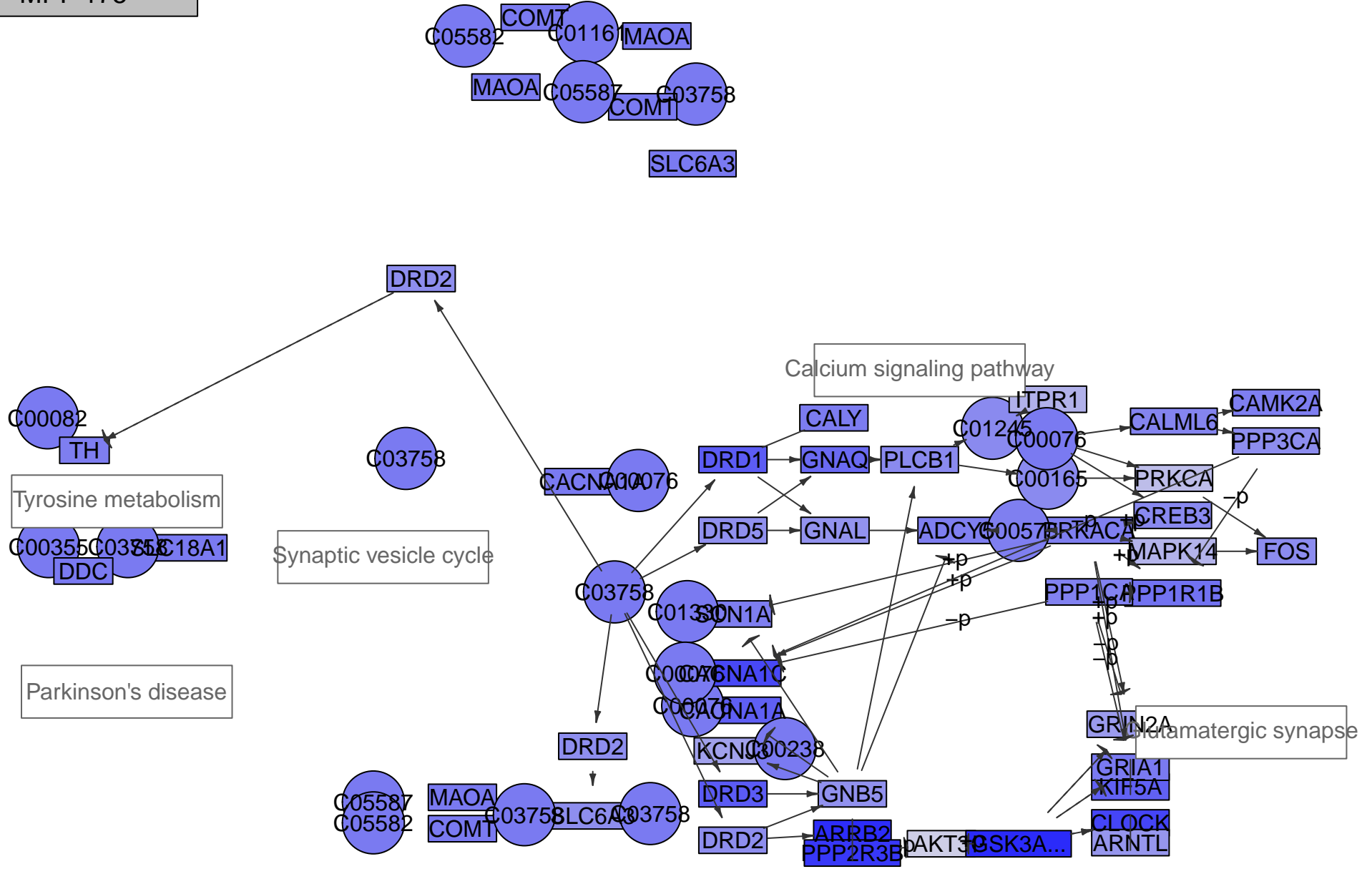
Dopaminergic synapse
MPI-165



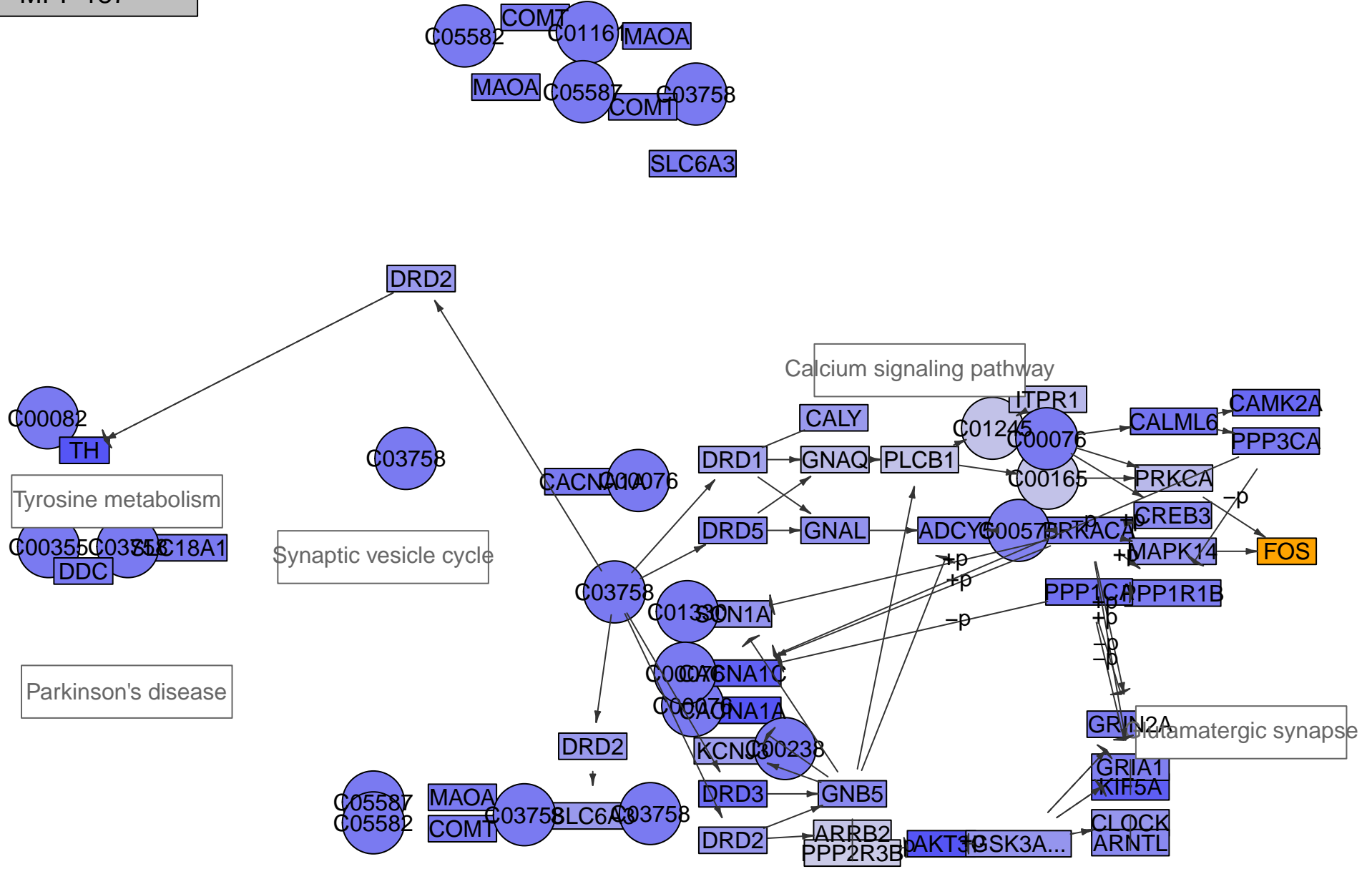
Dopaminergic synapse
MPI-169



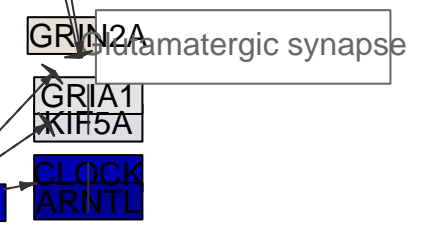
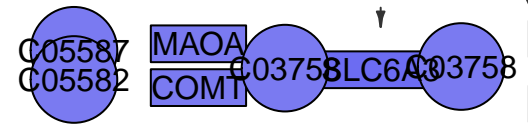
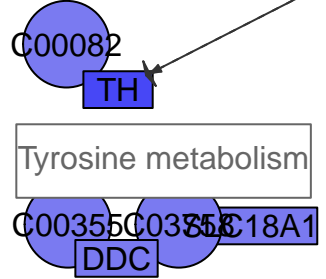
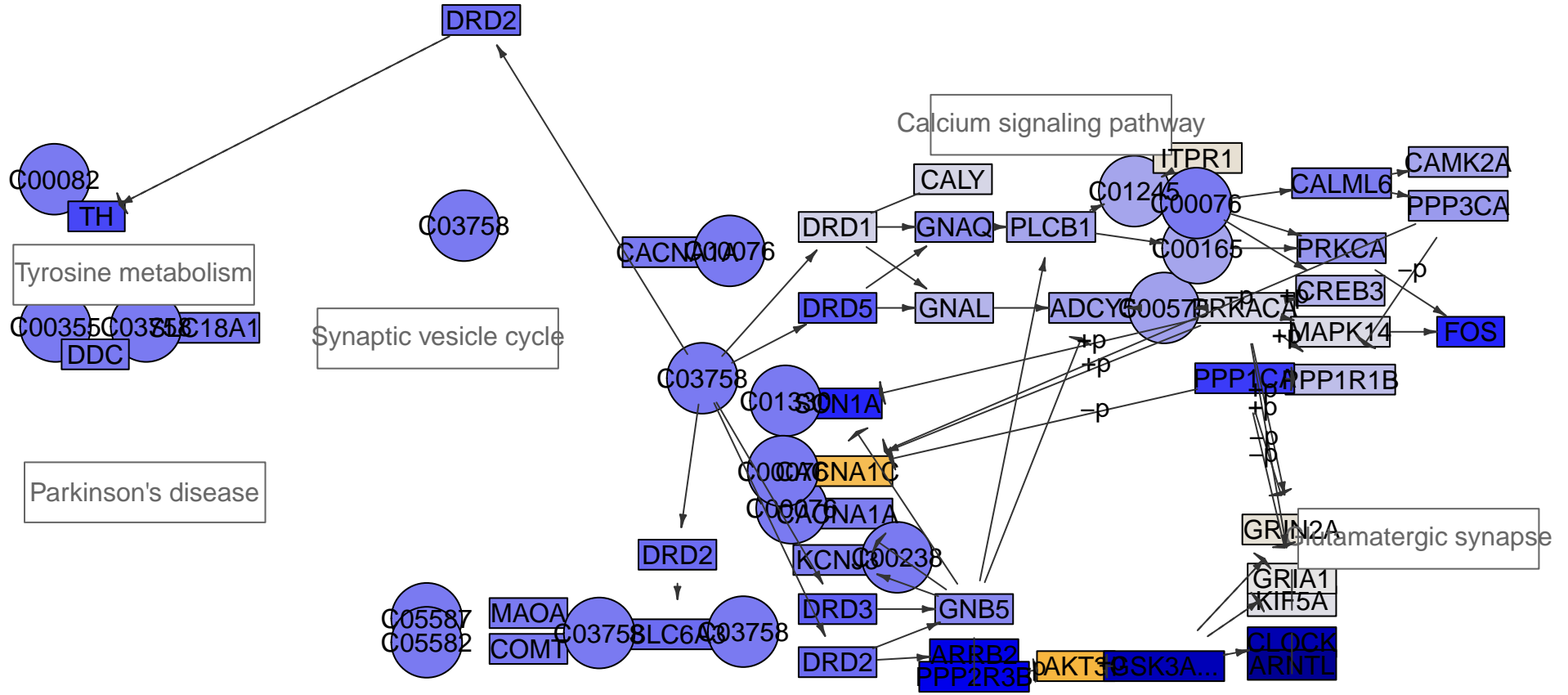
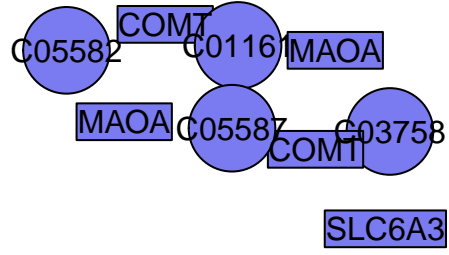
Dopaminergic synapse
MPI-175



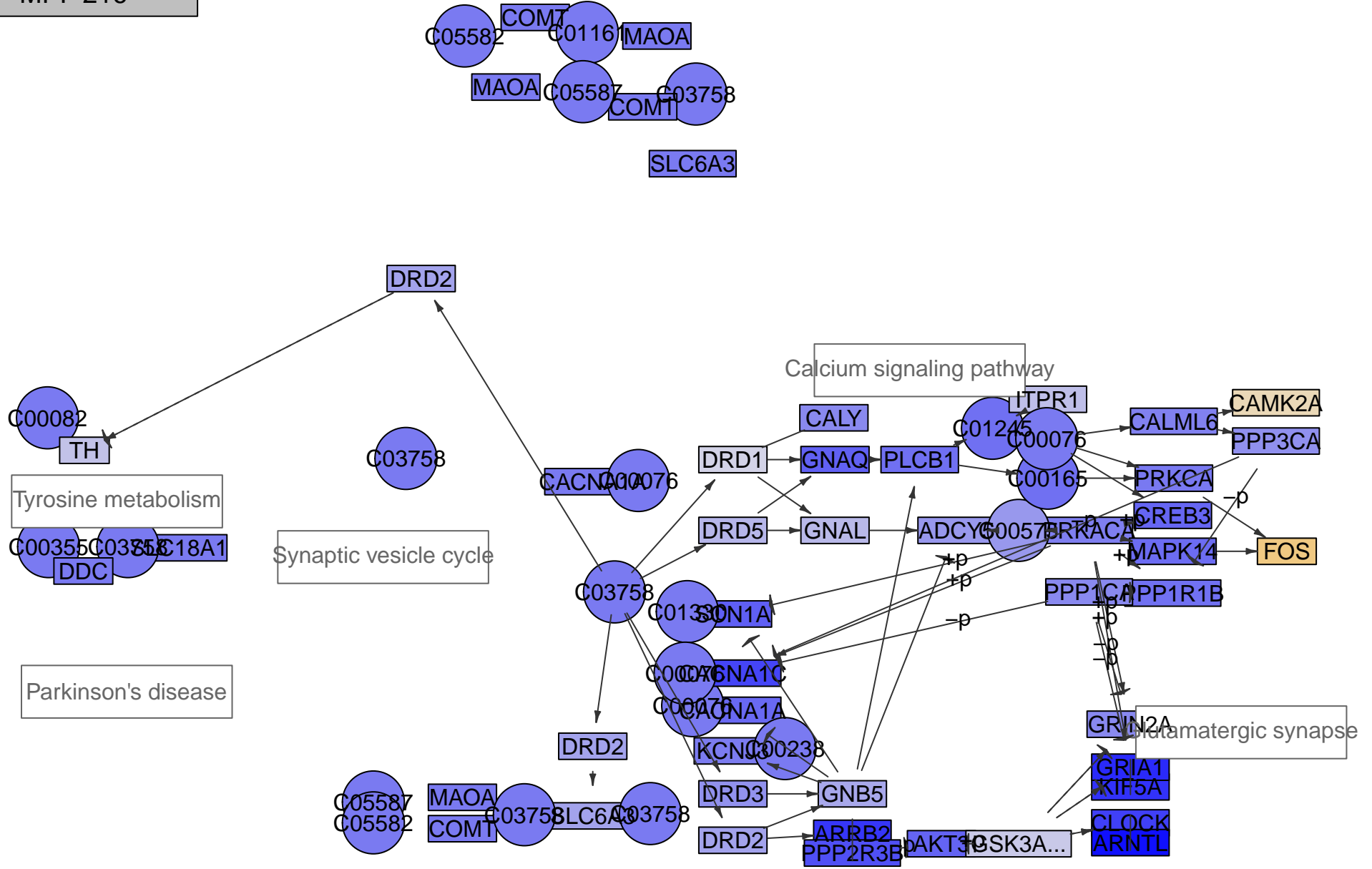
Dopaminergic synapse
MPI-187



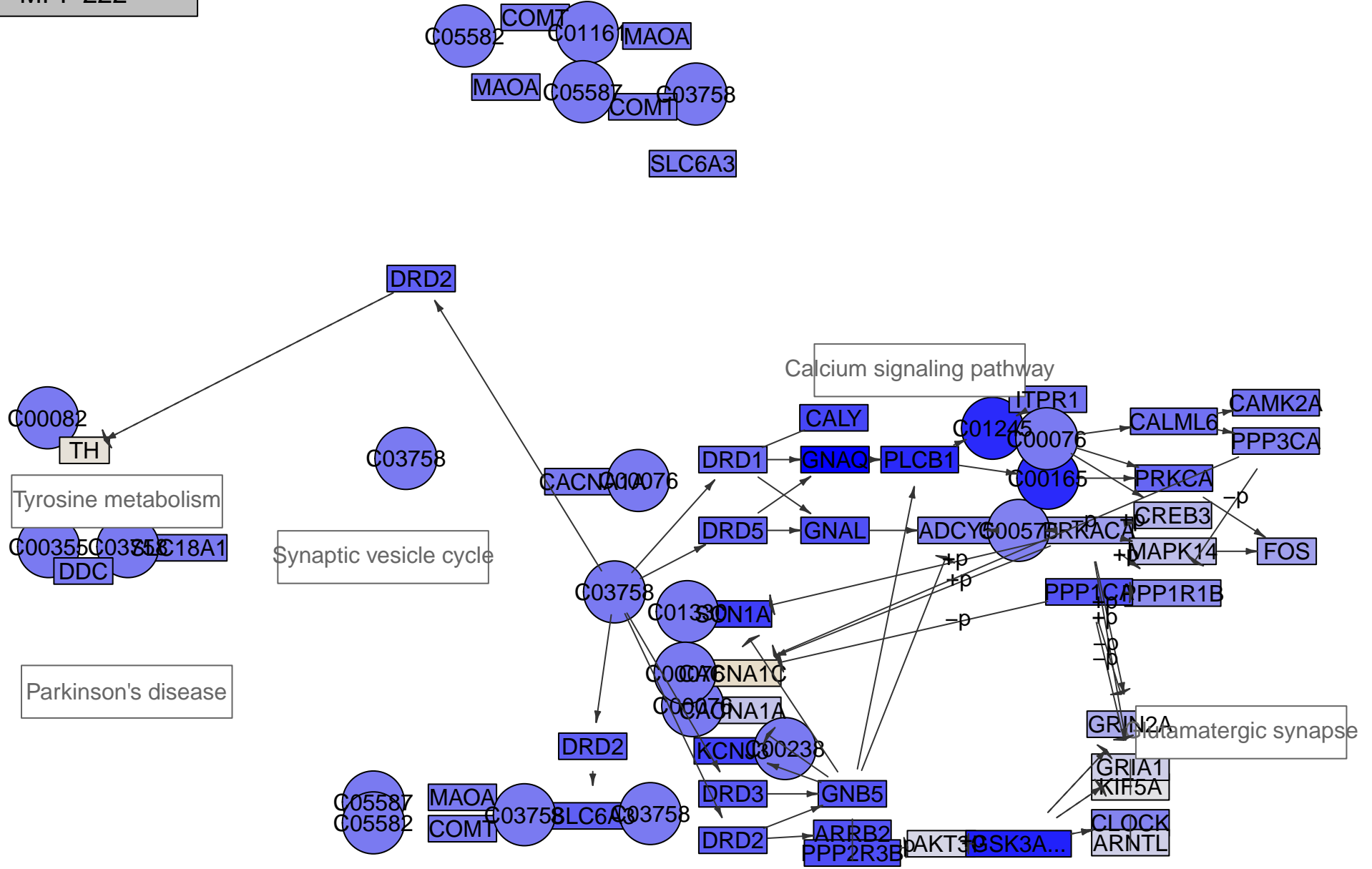
Dopaminergic synapse
MPI-193



Dopaminergic synapse
MPI-216



Dopaminergic synapse
MPI-222



Calcium signaling pathway

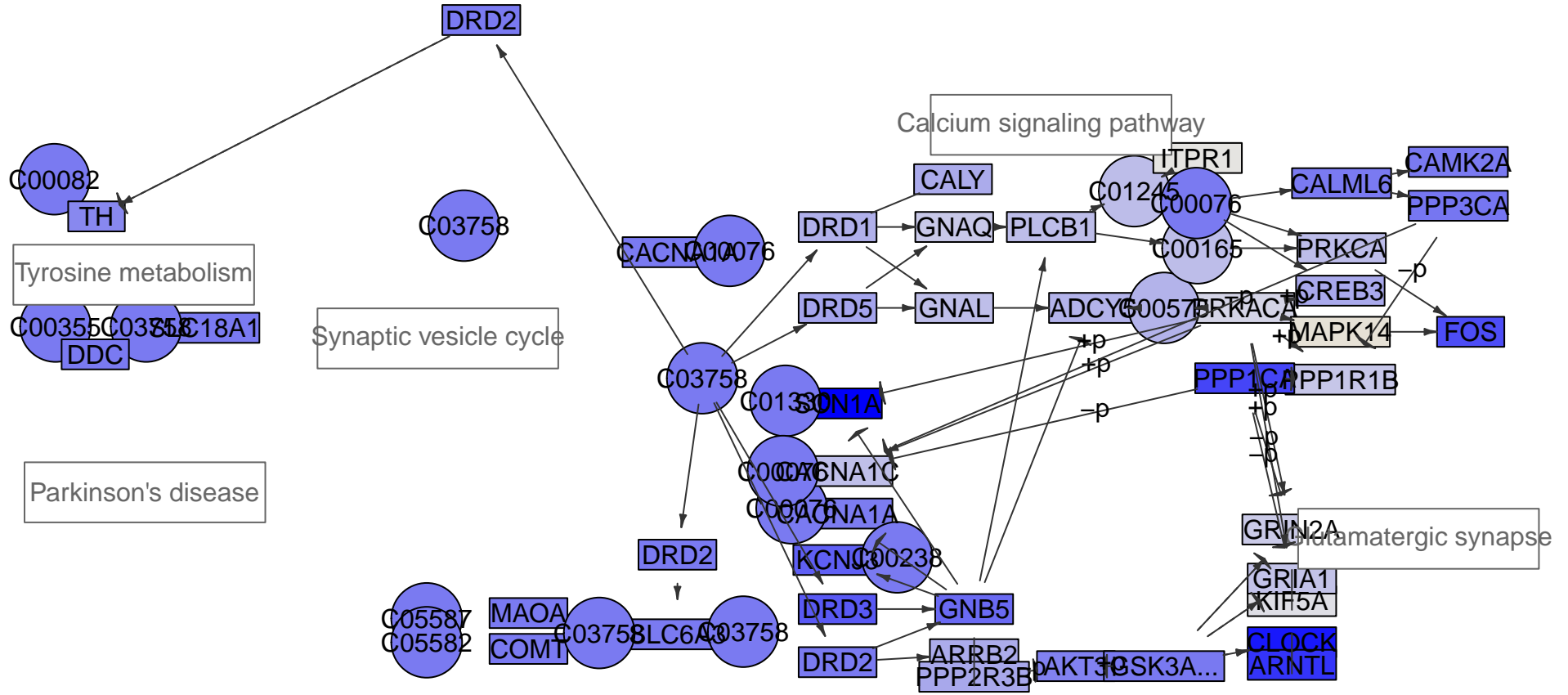
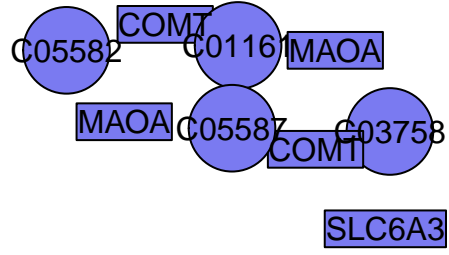
Tyrosine metabolism

Synaptic vesicle cycle

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-225



Calcium signaling pathway

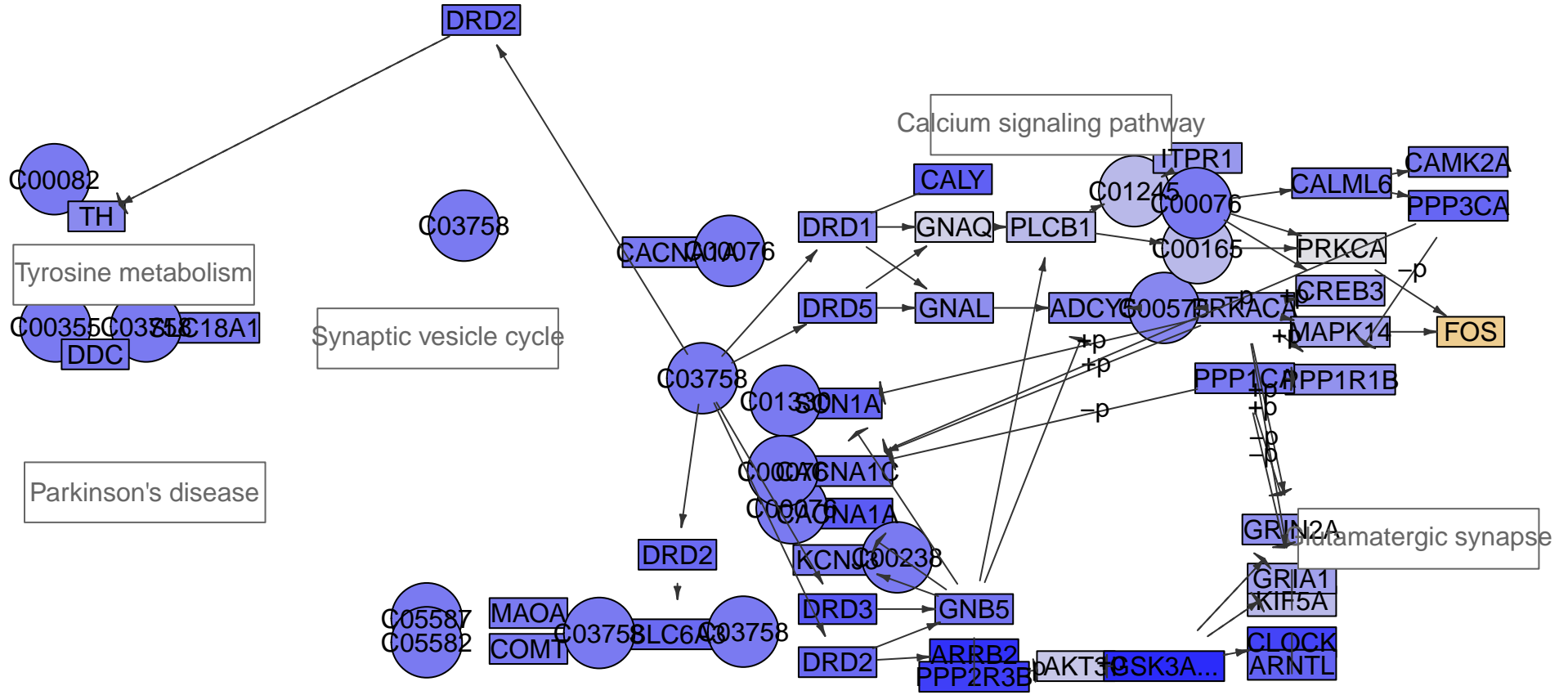
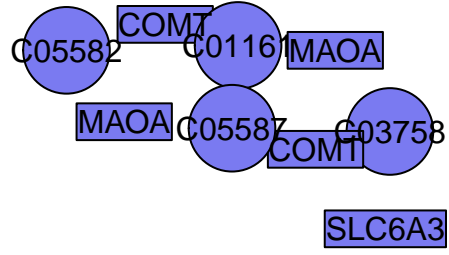
Tyrosine metabolism

Synaptic vesicle cycle

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-242



Synaptic vesicle cycle

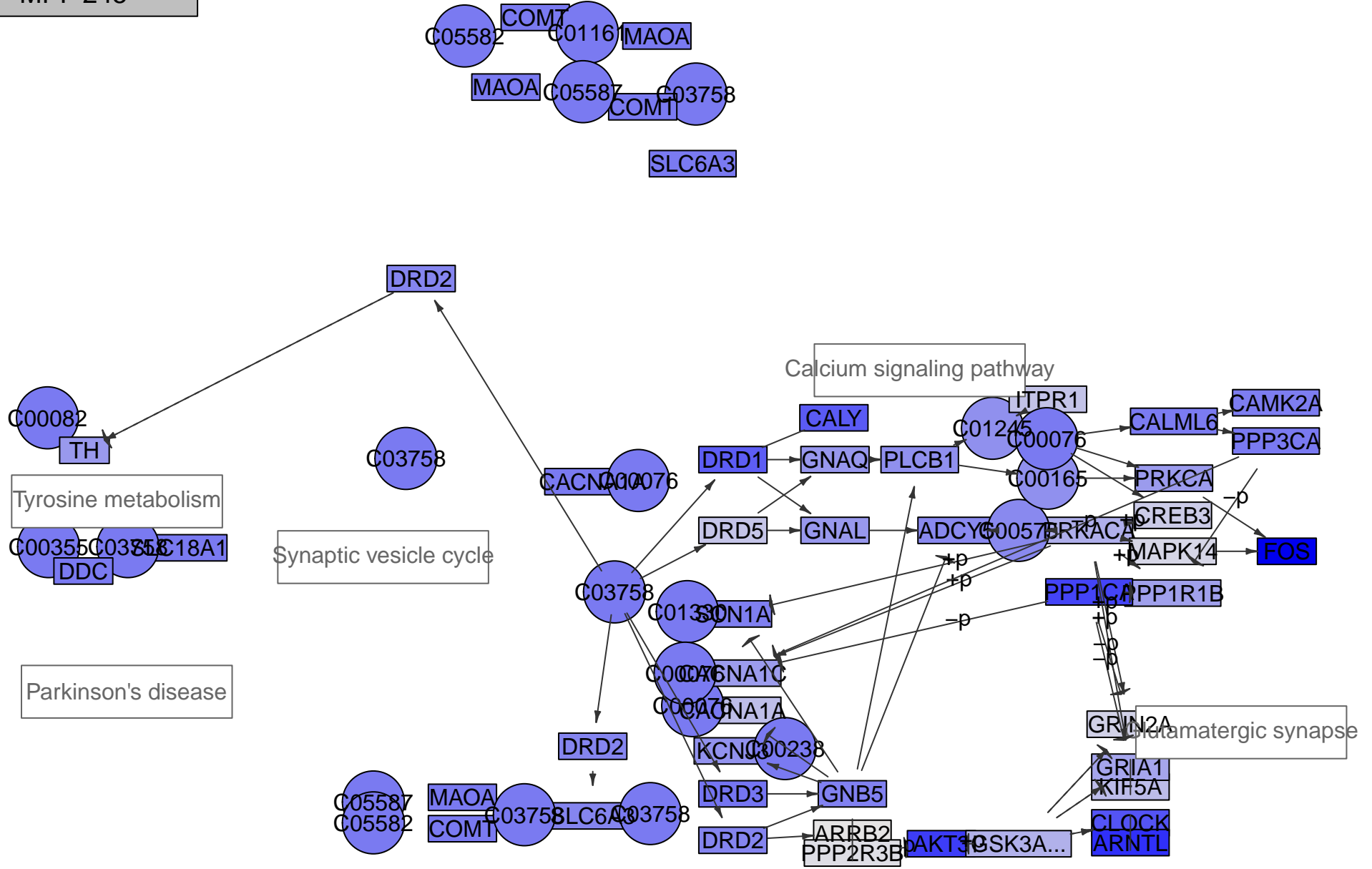
Calcium signaling pathway

Tyrosine metabolism

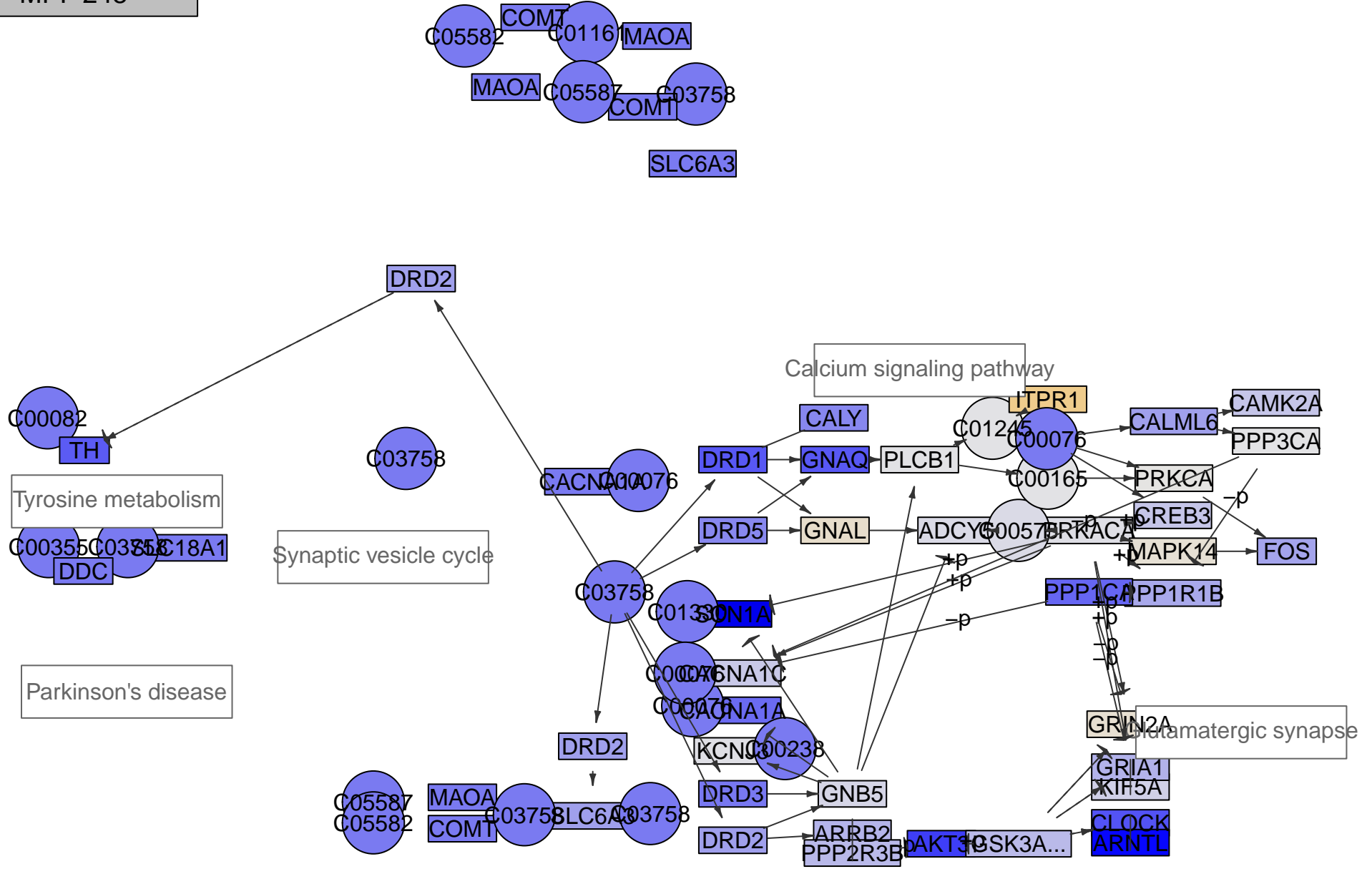
Parkinson's disease

Dopaminergic synapse

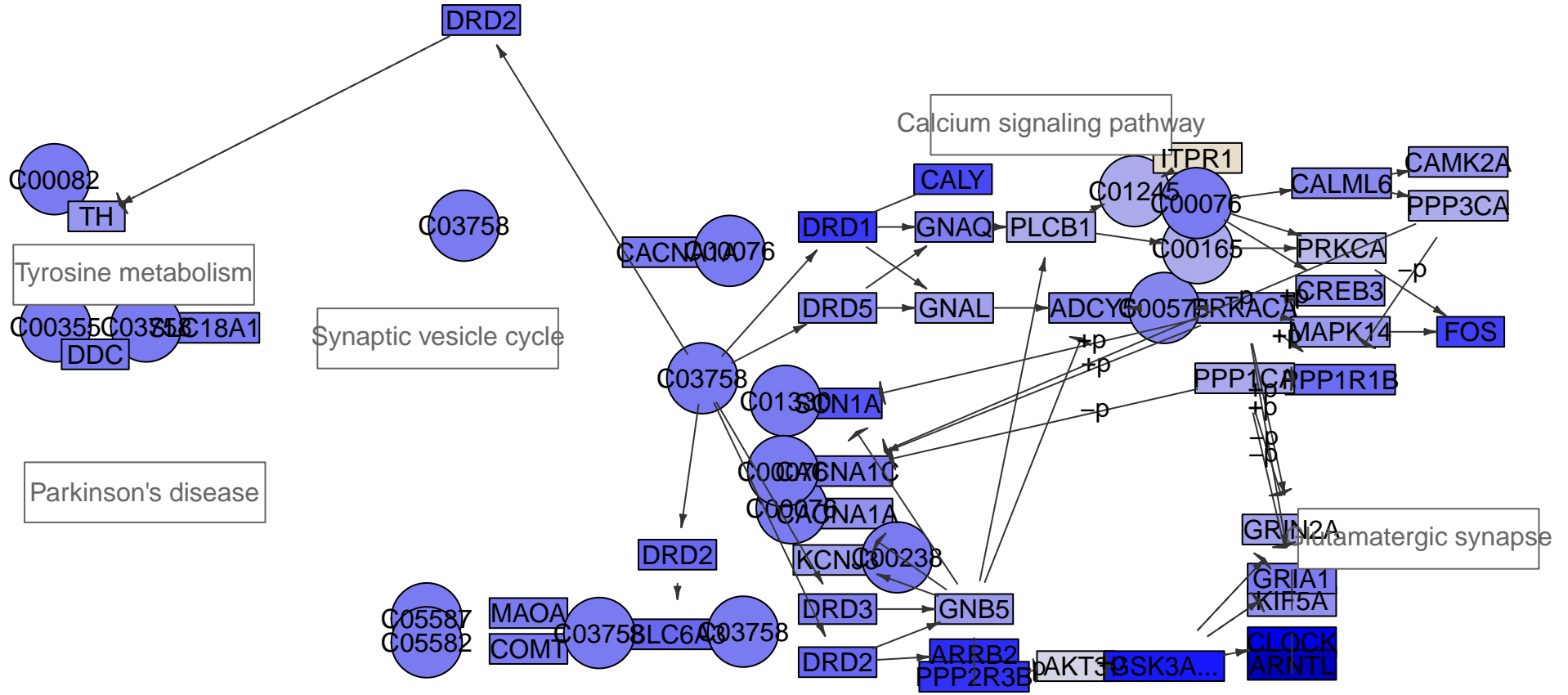
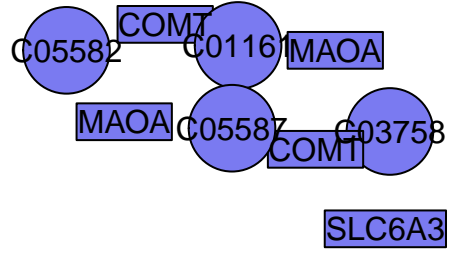
Dopaminergic synapse
MPI-245



Dopaminergic synapse
MPI-248



Dopaminergic synapse
MPI-249



Tyrosine metabolism

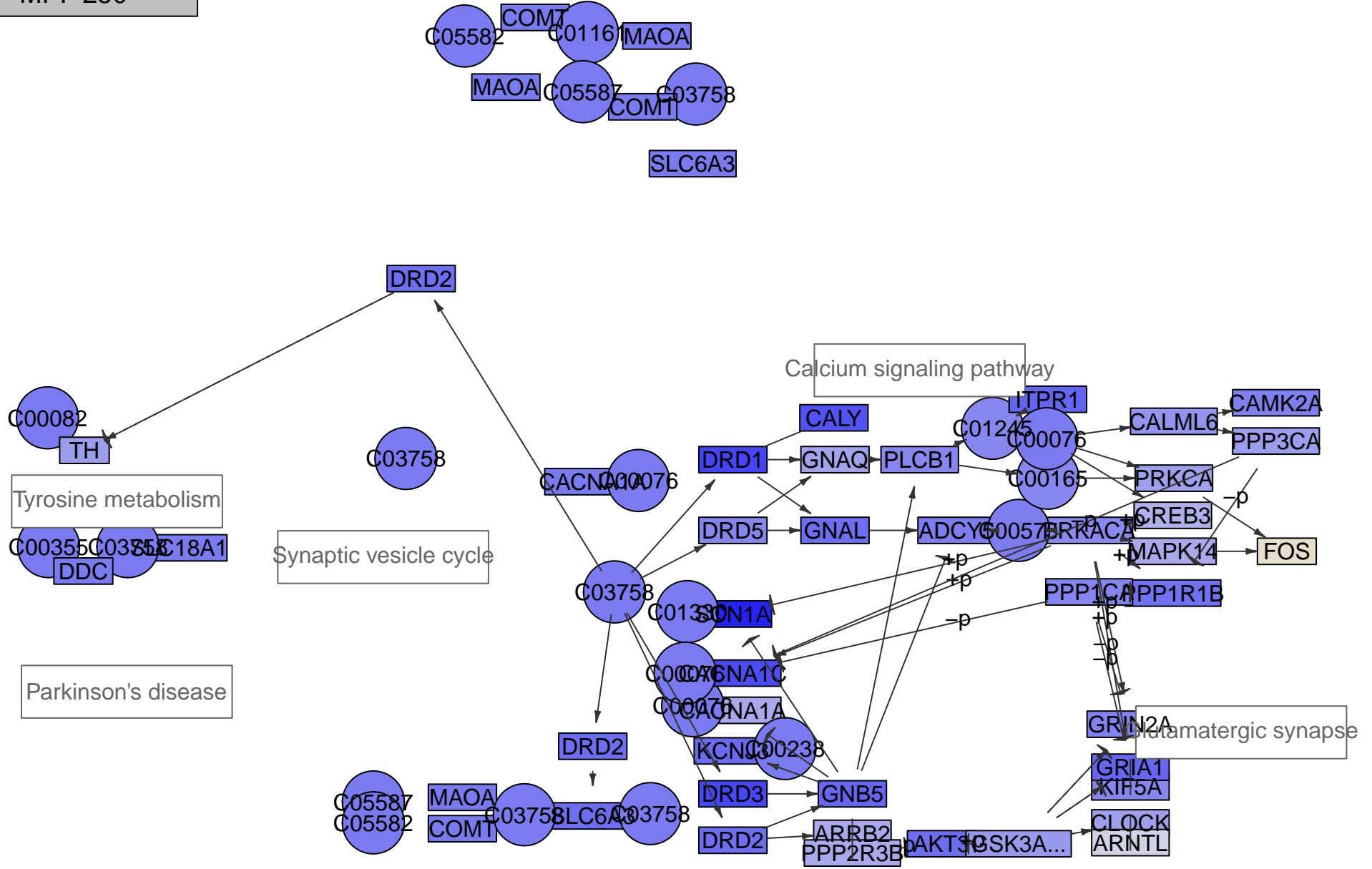
Synaptic vesicle cycle

Calcium signaling pathway

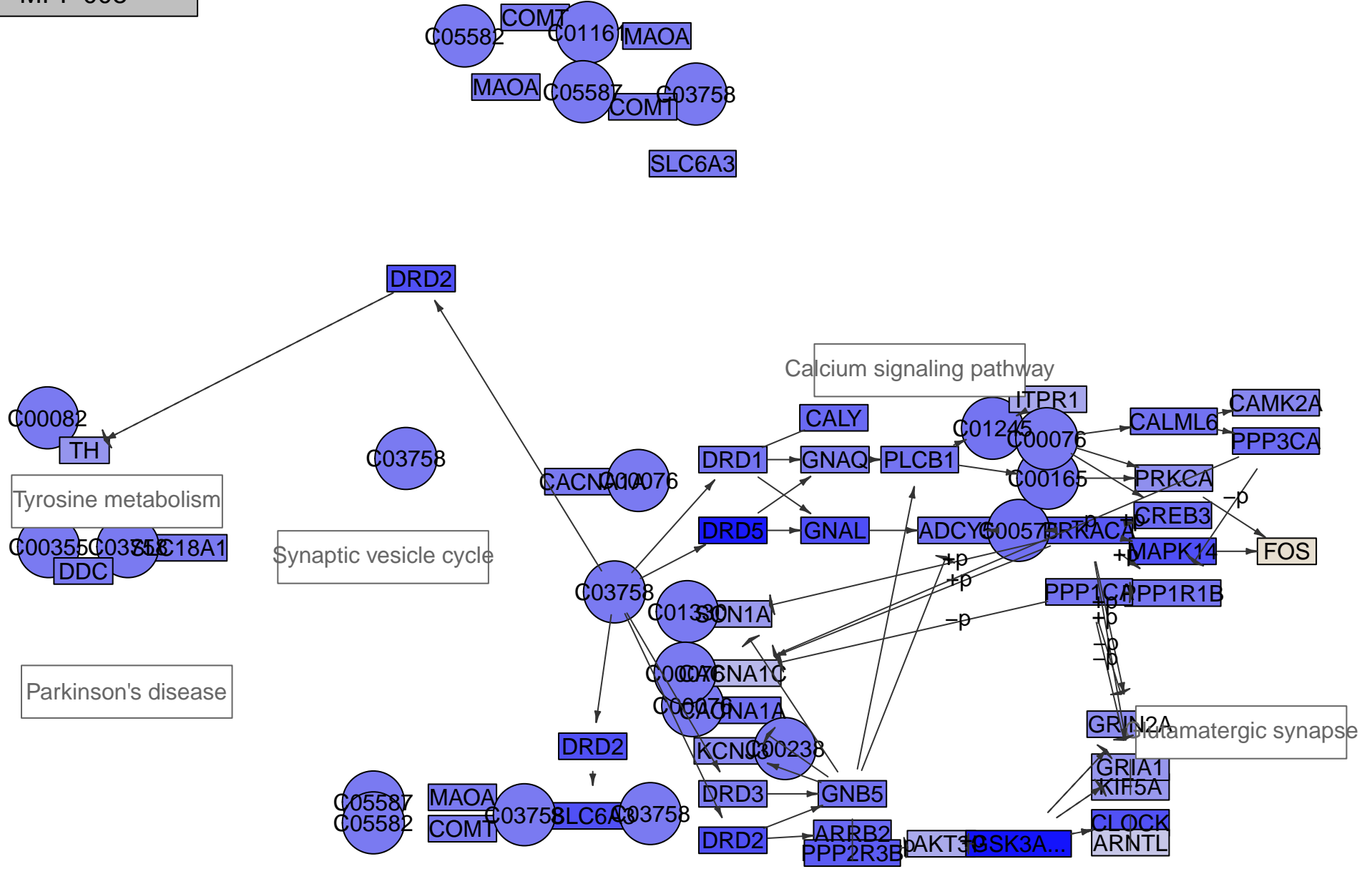
Dopaminergic synapse

Parkinson's disease

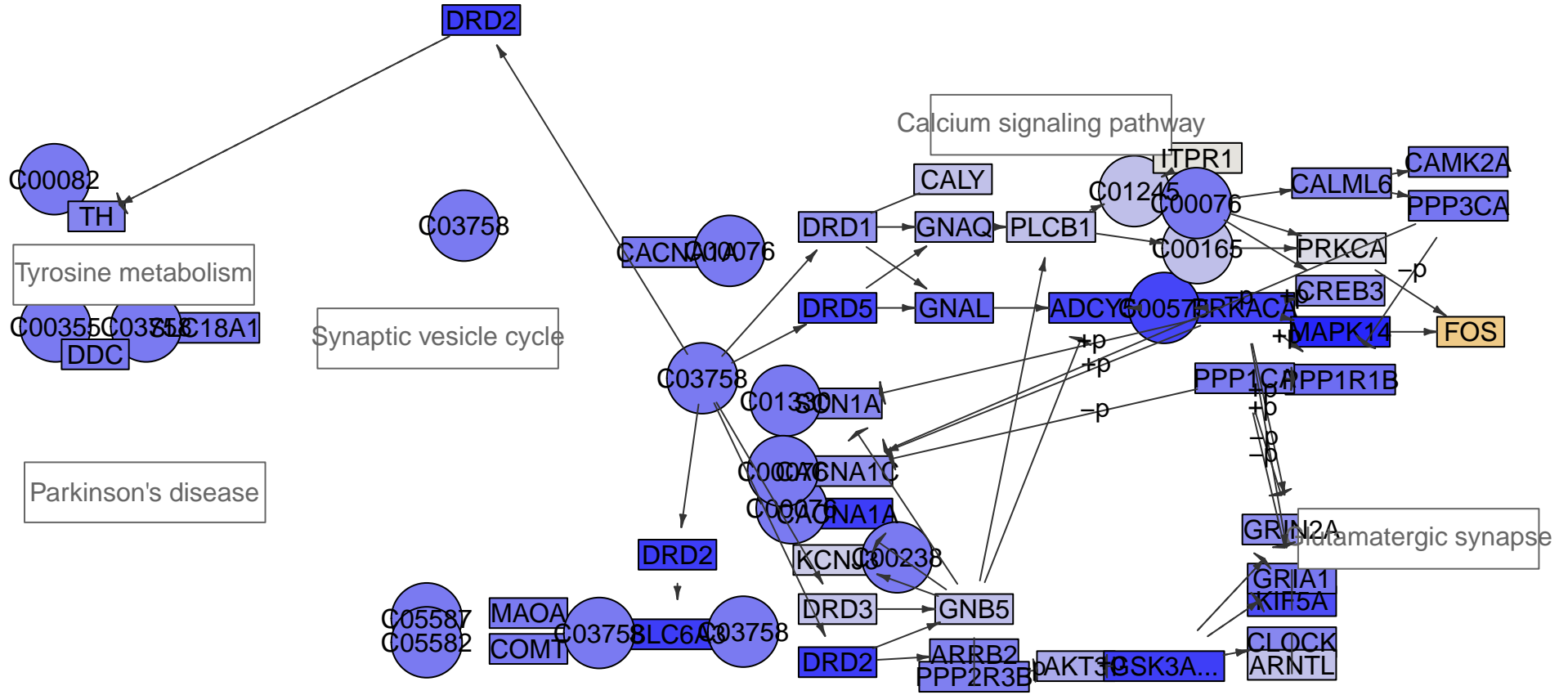
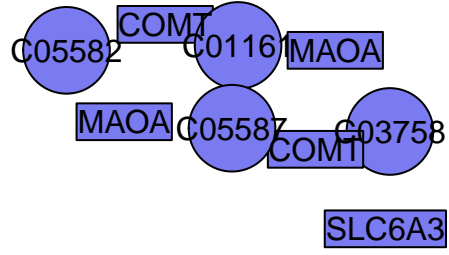
Dopaminergic synapse
MPI-250



Dopaminergic synapse
MPI-008



Dopaminergic synapse
MPI-009



Calcium signaling pathway

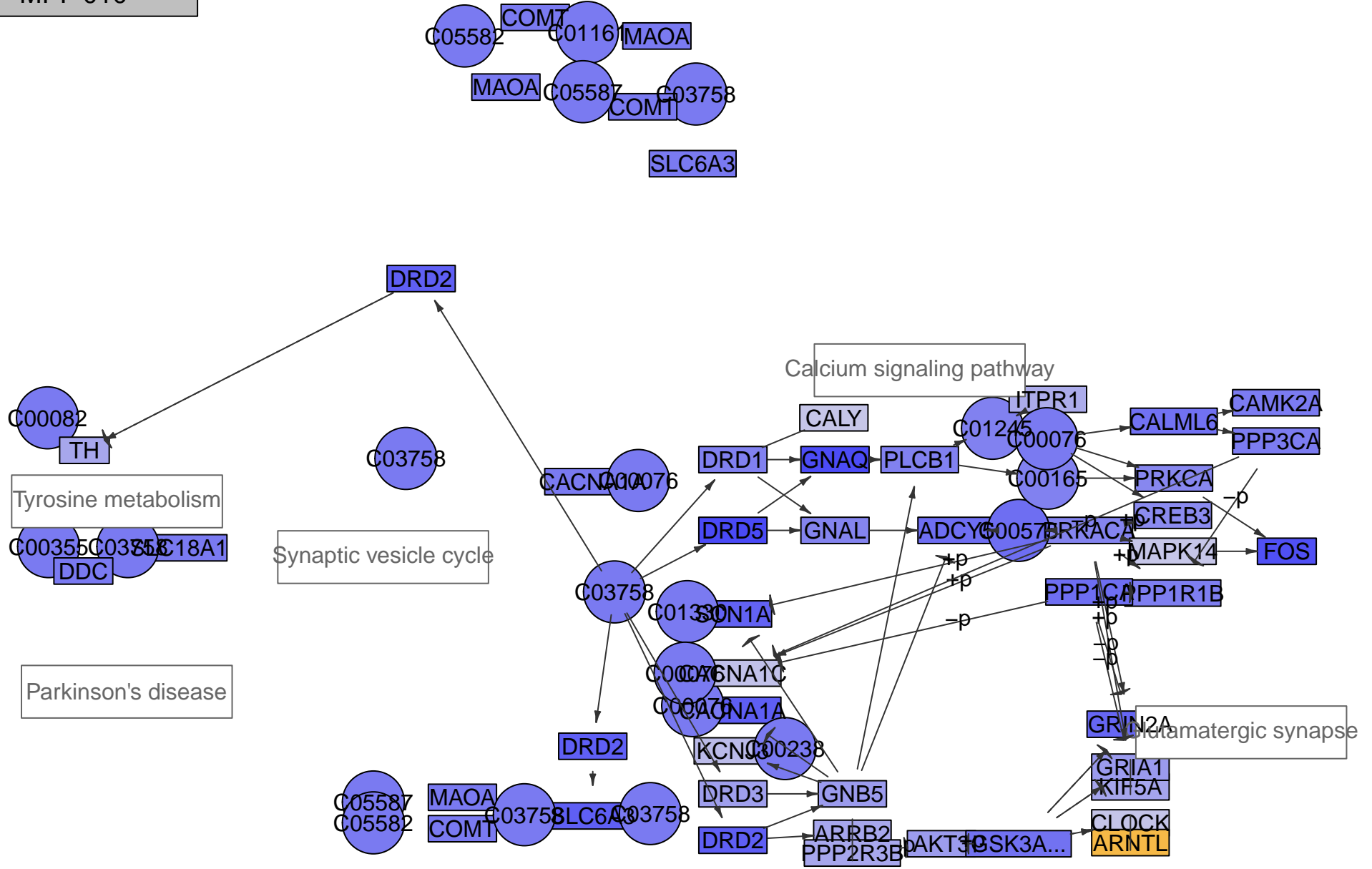
Tyrosine metabolism

Synaptic vesicle cycle

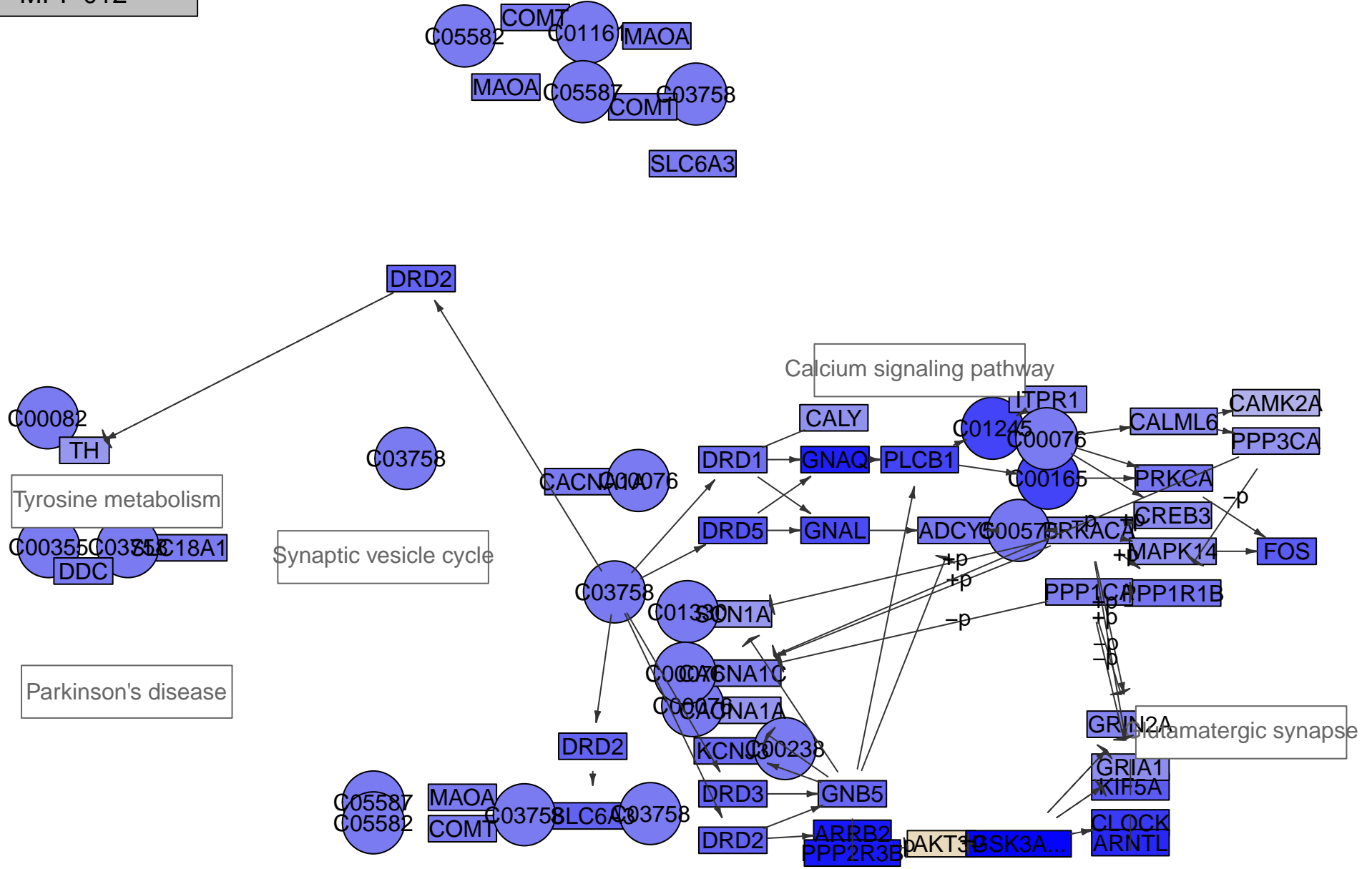
Parkinson's disease

Dopaminergic synapse

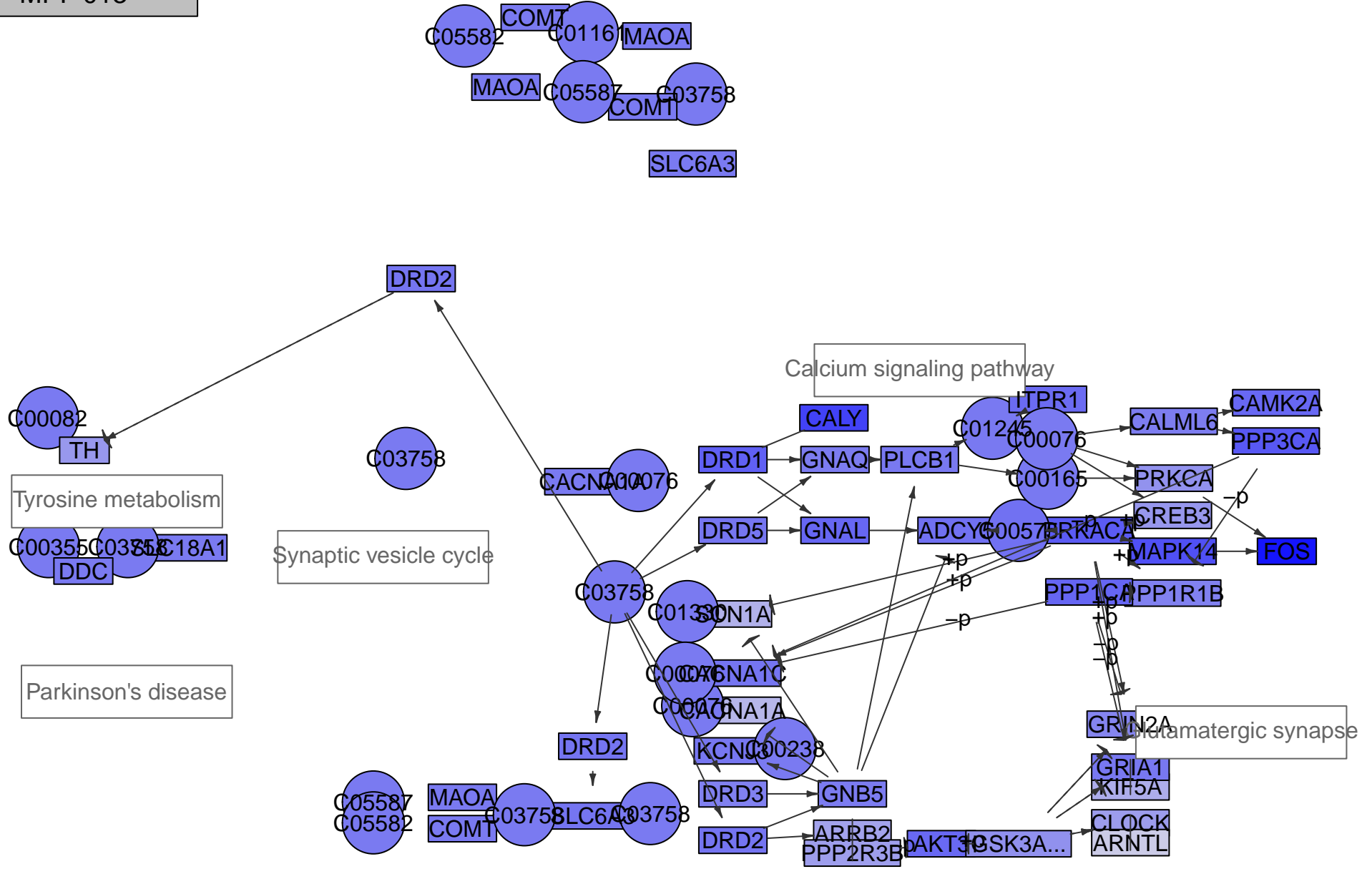
Dopaminergic synapse
MPI-010



Dopaminergic synapse
MPI-012



Dopaminergic synapse
MPI-013



Tyrosine metabolism

C00082 TH

C00355 DDC

C03758 SLC18A1

Synaptic vesicle cycle

DRD2

DRD1

DRD5

DRD3

DRD2

GNB5

ARRB2

PPP2R3B

DAKT3

GSK3A...

Calcium signaling pathway

ITPR1

CALML6

CAMK2A

PPP3CA

PRKCA

CREB3

MAPK14

FOS

PPP1CA

PPP1R1B

Dopaminergic synapse

GRIA1

KIF5A

CLOCK

ARNTL

MAOA

COMT

SLC6A3

CACNA1A

CACNA1B

CACNA1C

SON1A

KCNC3

GNAQ

PLCB1

GNAL

ADCY5

BRRACA

ITPR1

CALML6

CAMK2A

PPP3CA

PRKCA

CREB3

MAPK14

FOS

PPP1CA

PPP1R1B

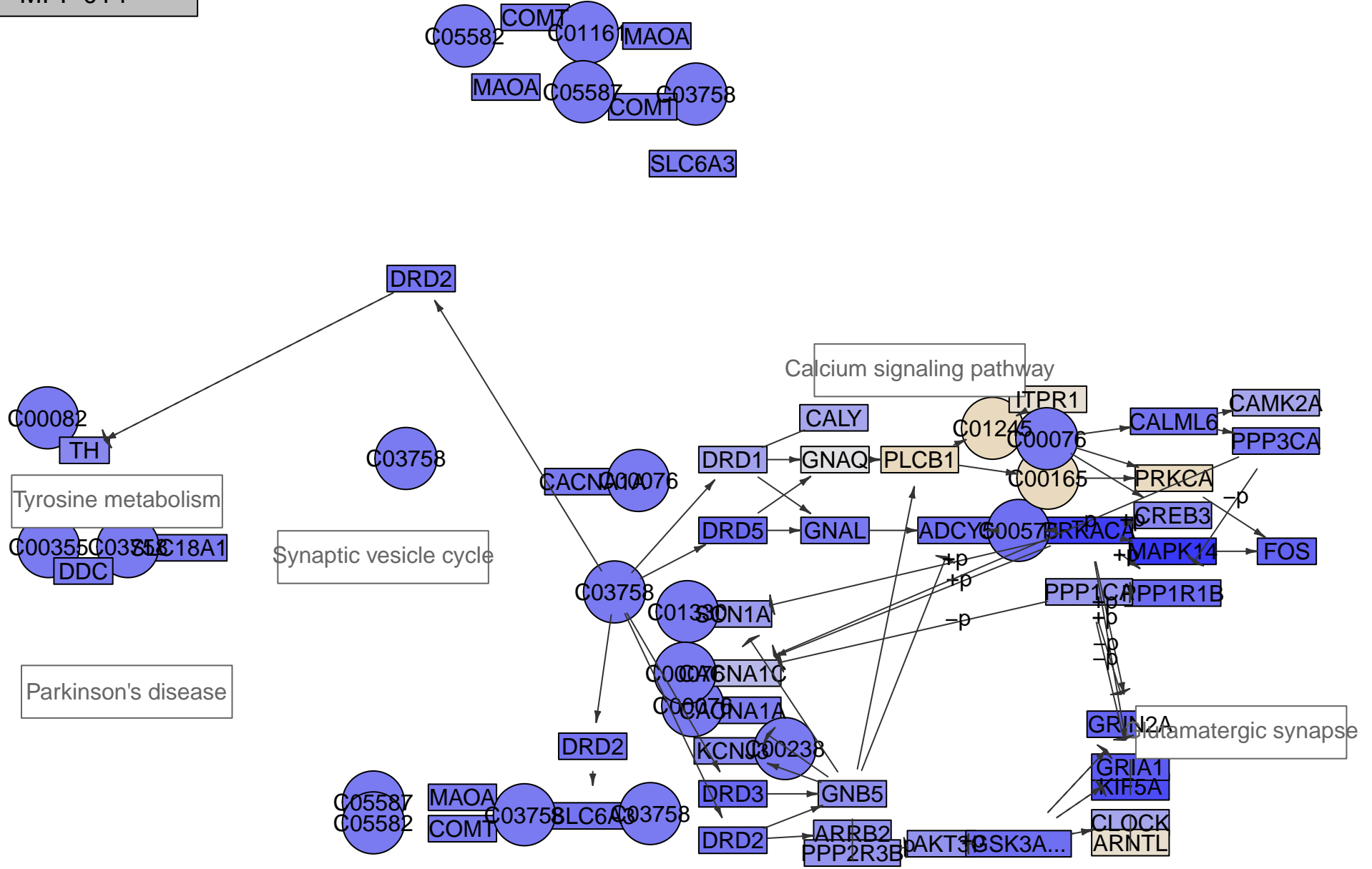
GRIA1

KIF5A

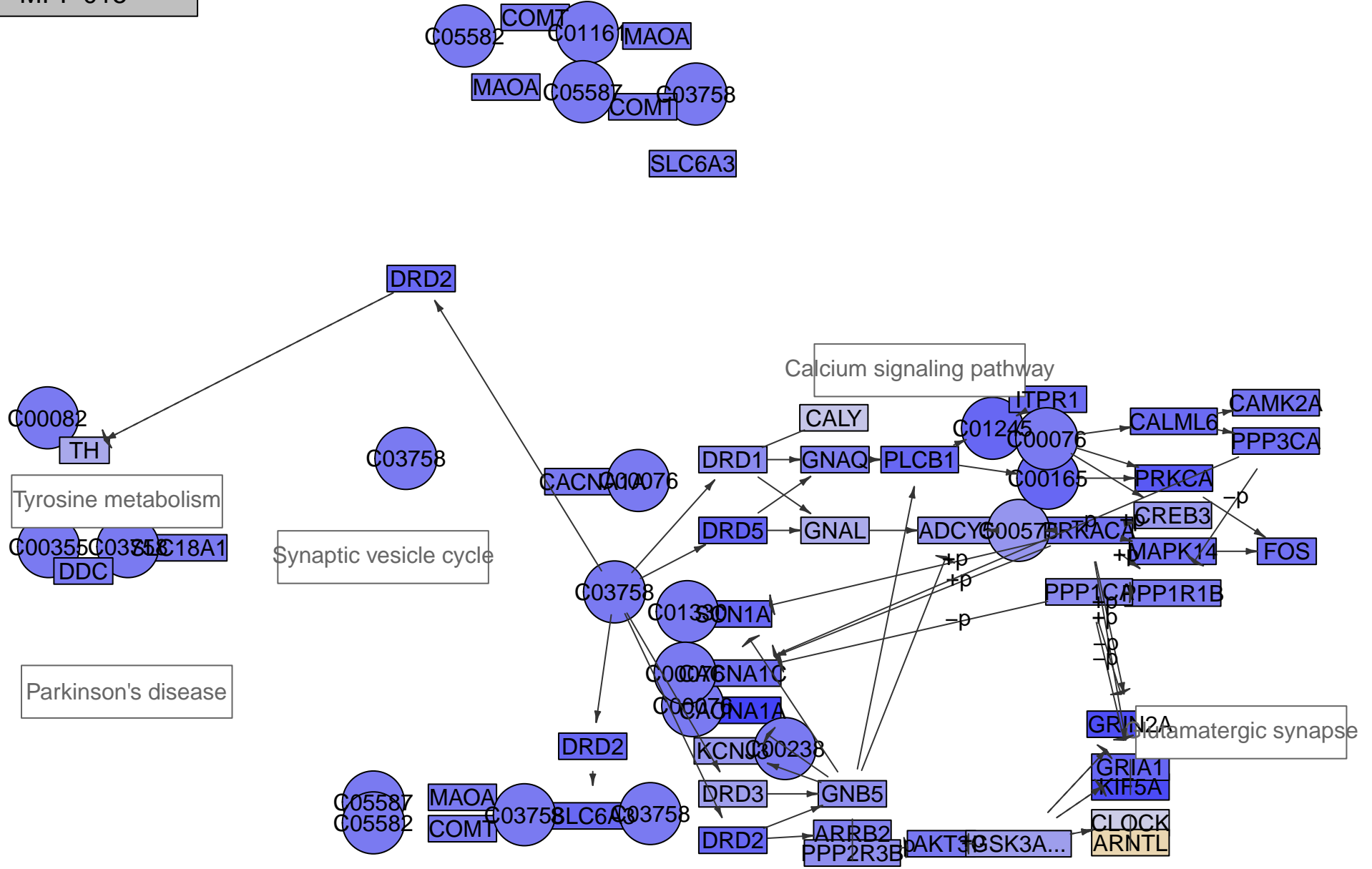
CLOCK

ARNTL

Dopaminergic synapse
MPI-014



Dopaminergic synapse
MPI-015



Tyrosine metabolism

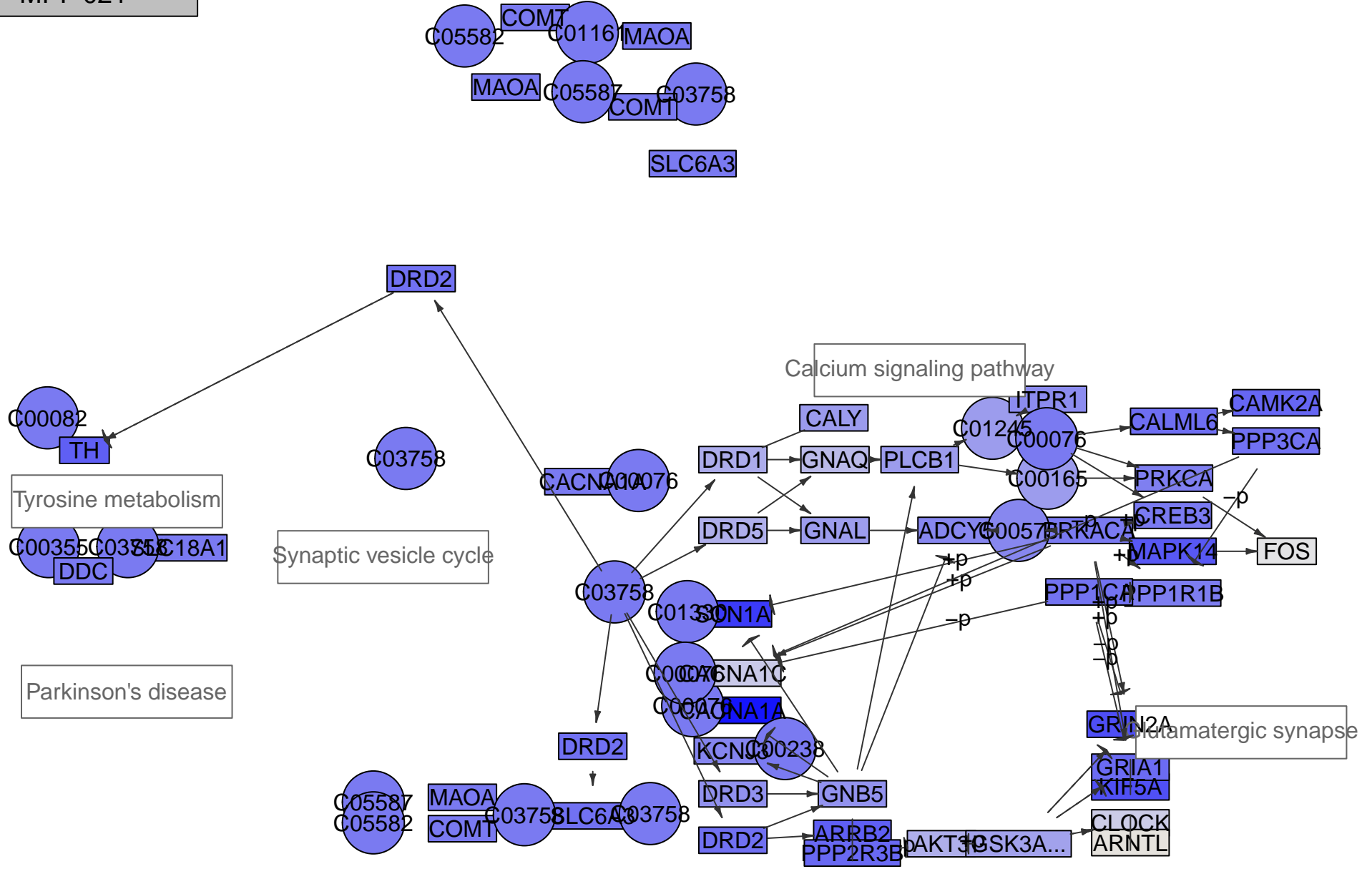
Synaptic vesicle cycle

Calcium signaling pathway

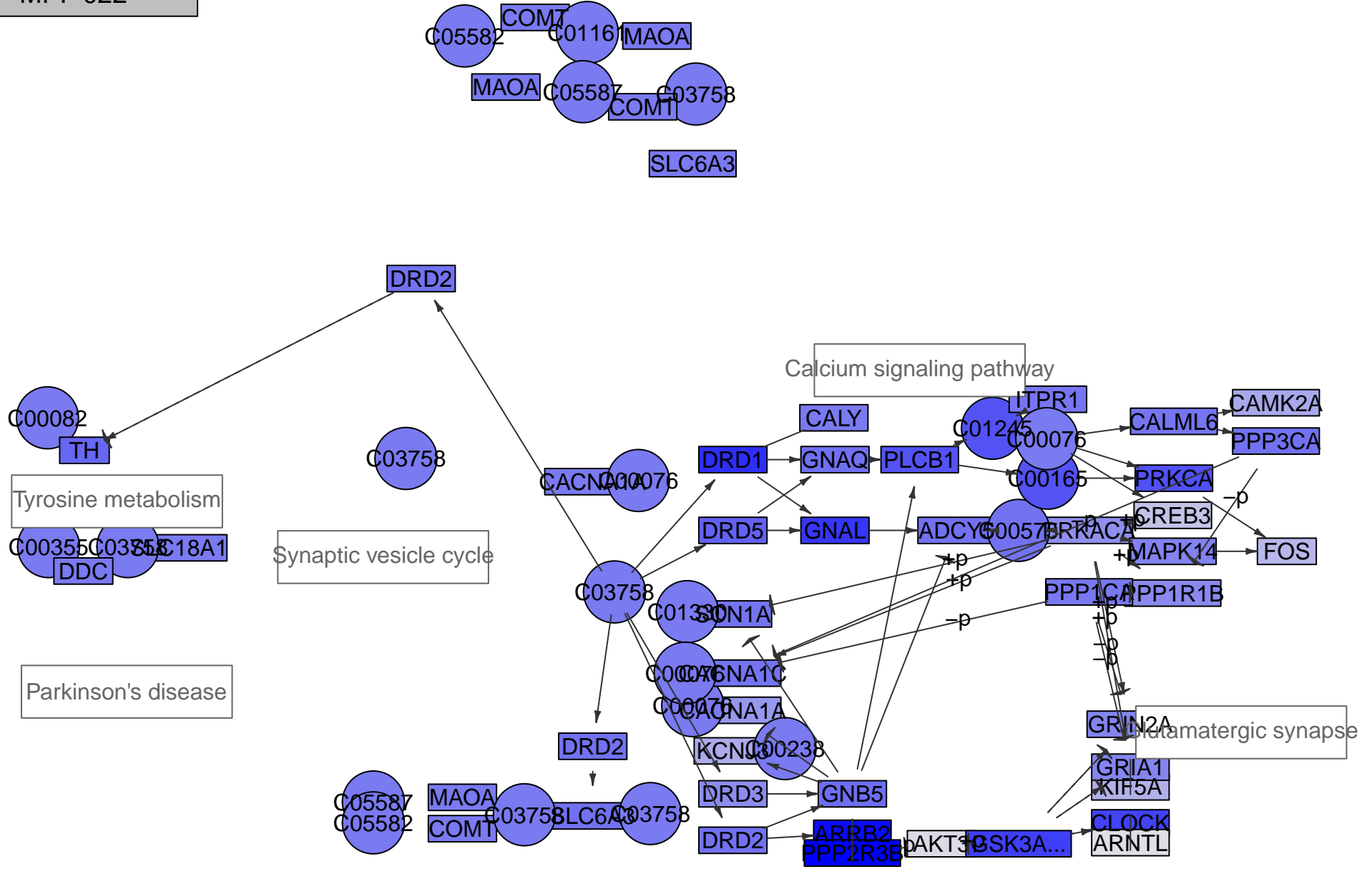
Dopaminergic synapse

Parkinson's disease

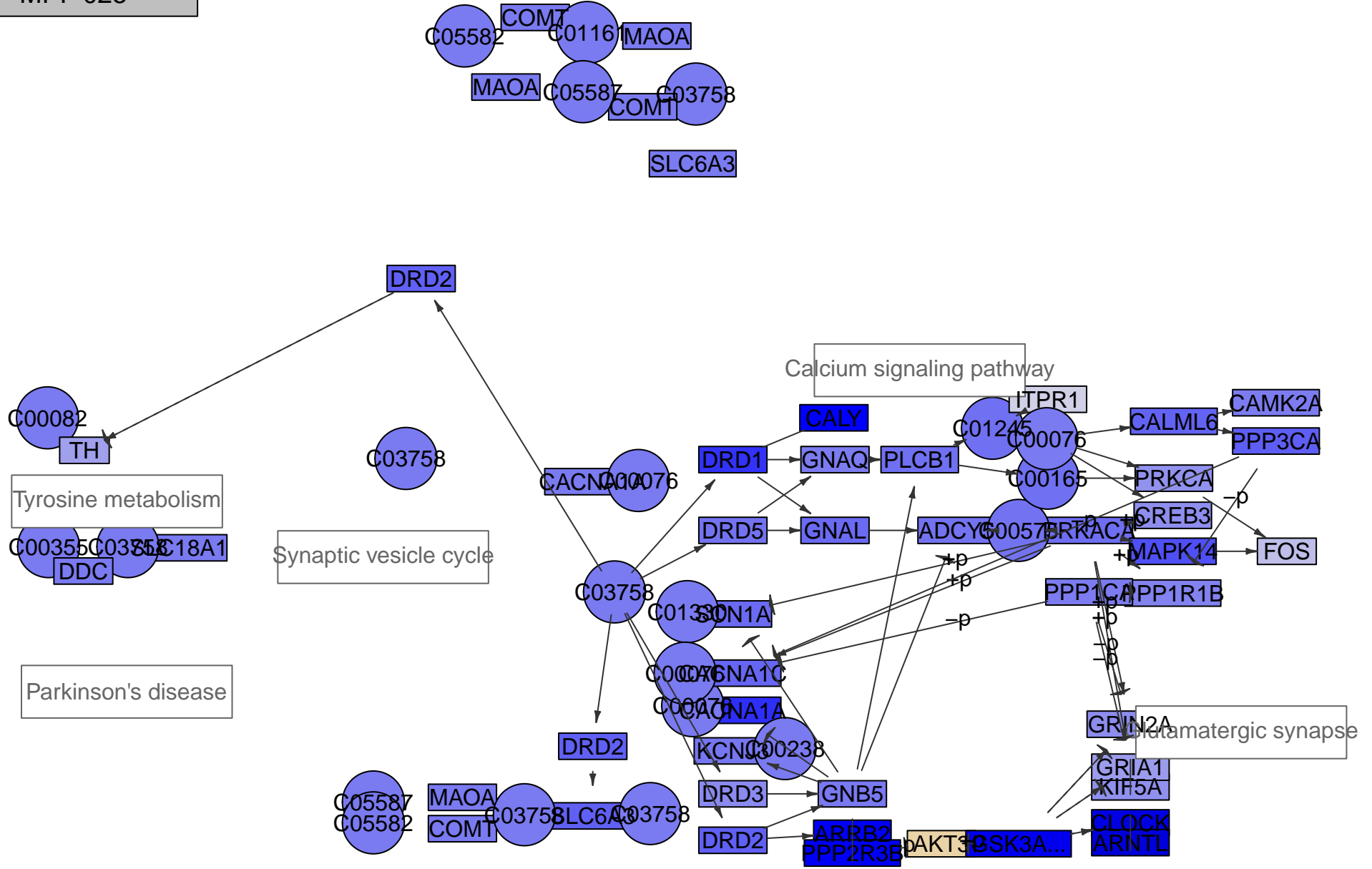
Dopaminergic synapse
MPI-021



Dopaminergic synapse
MPI-022



Dopaminergic synapse
MPI-025



Synaptic vesicle cycle

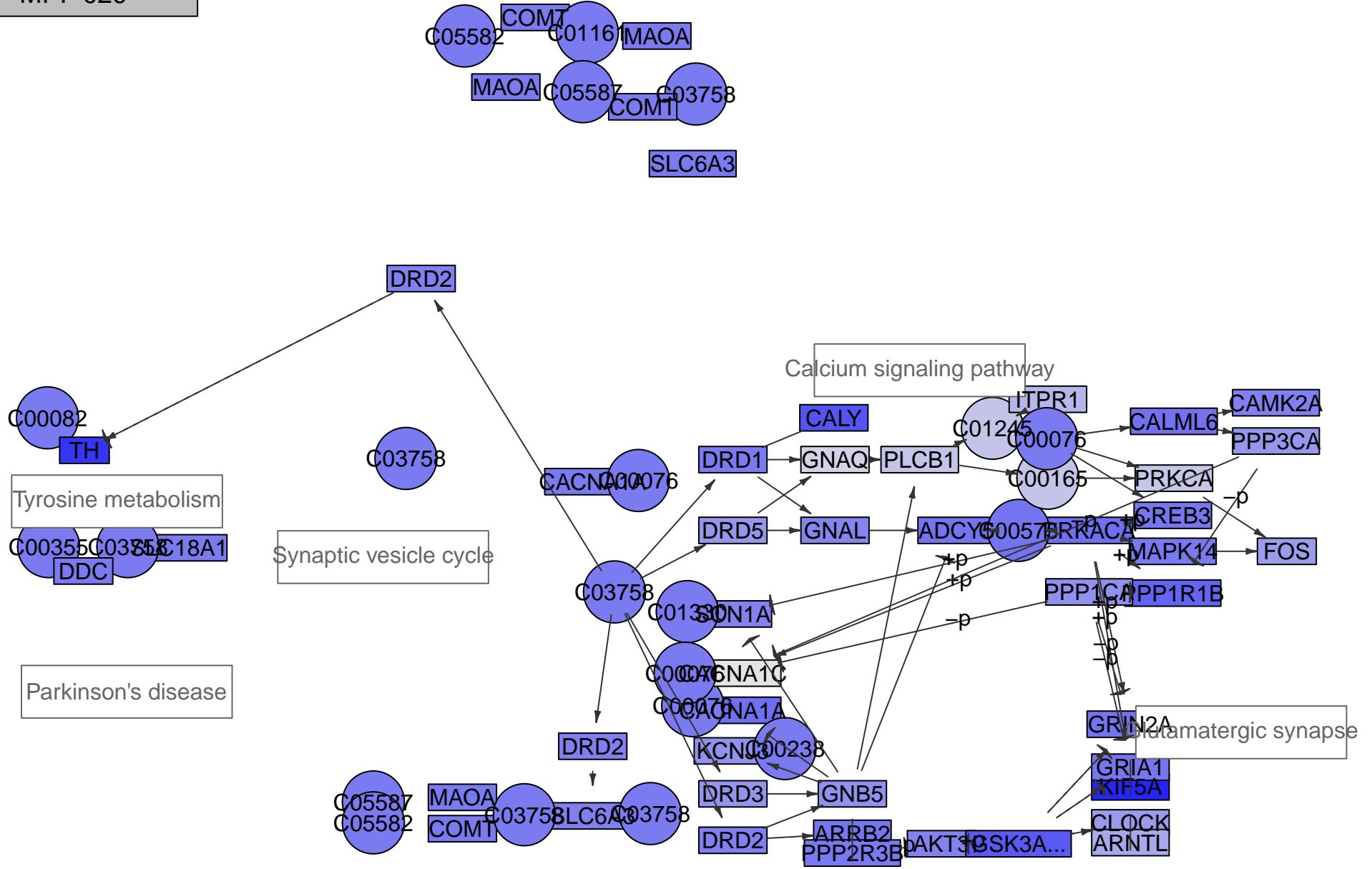
Calcium signaling pathway

Tyrosine metabolism

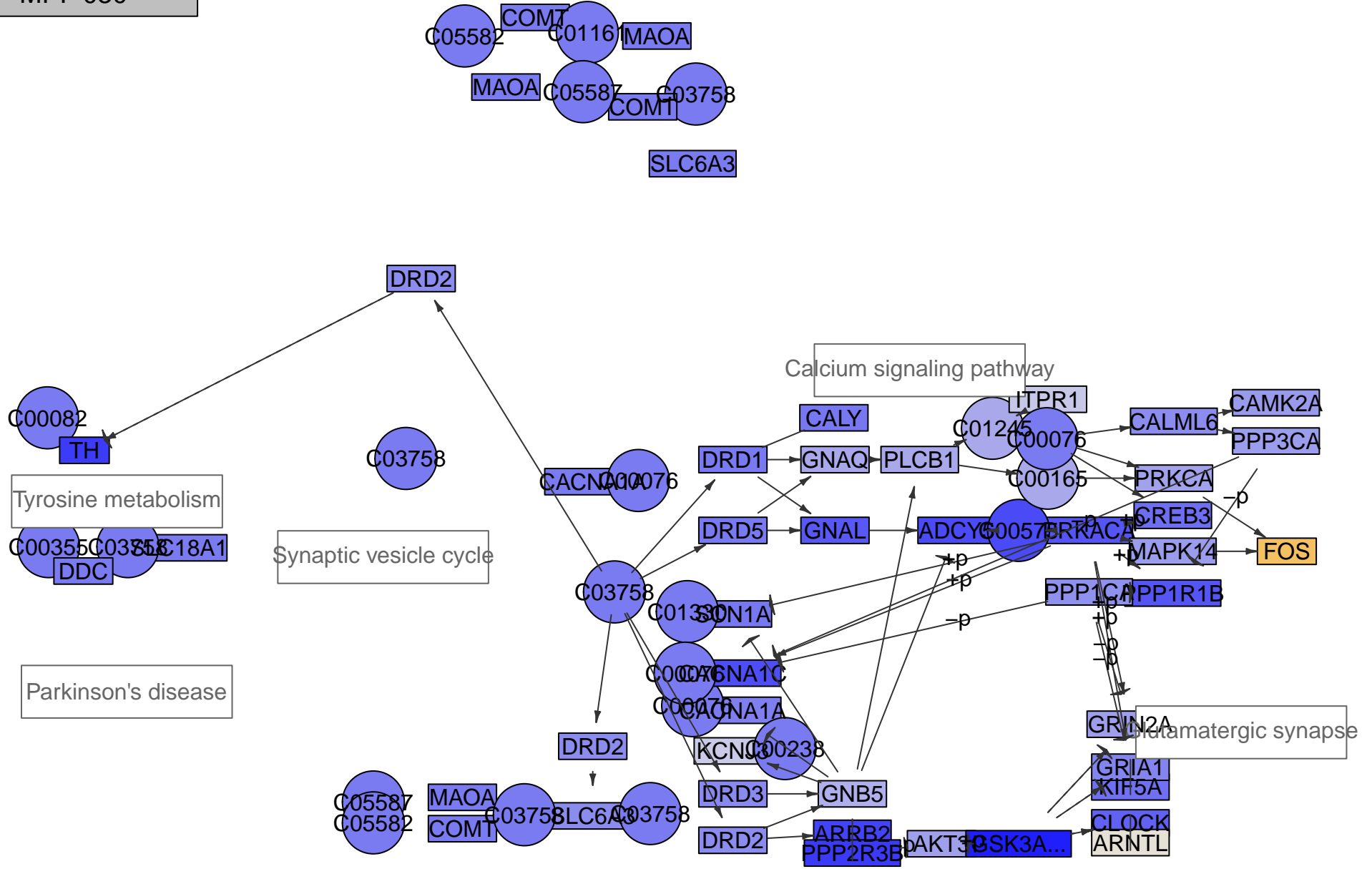
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-029



Dopaminergic synapse
MPI-030



Tyrosine metabolism

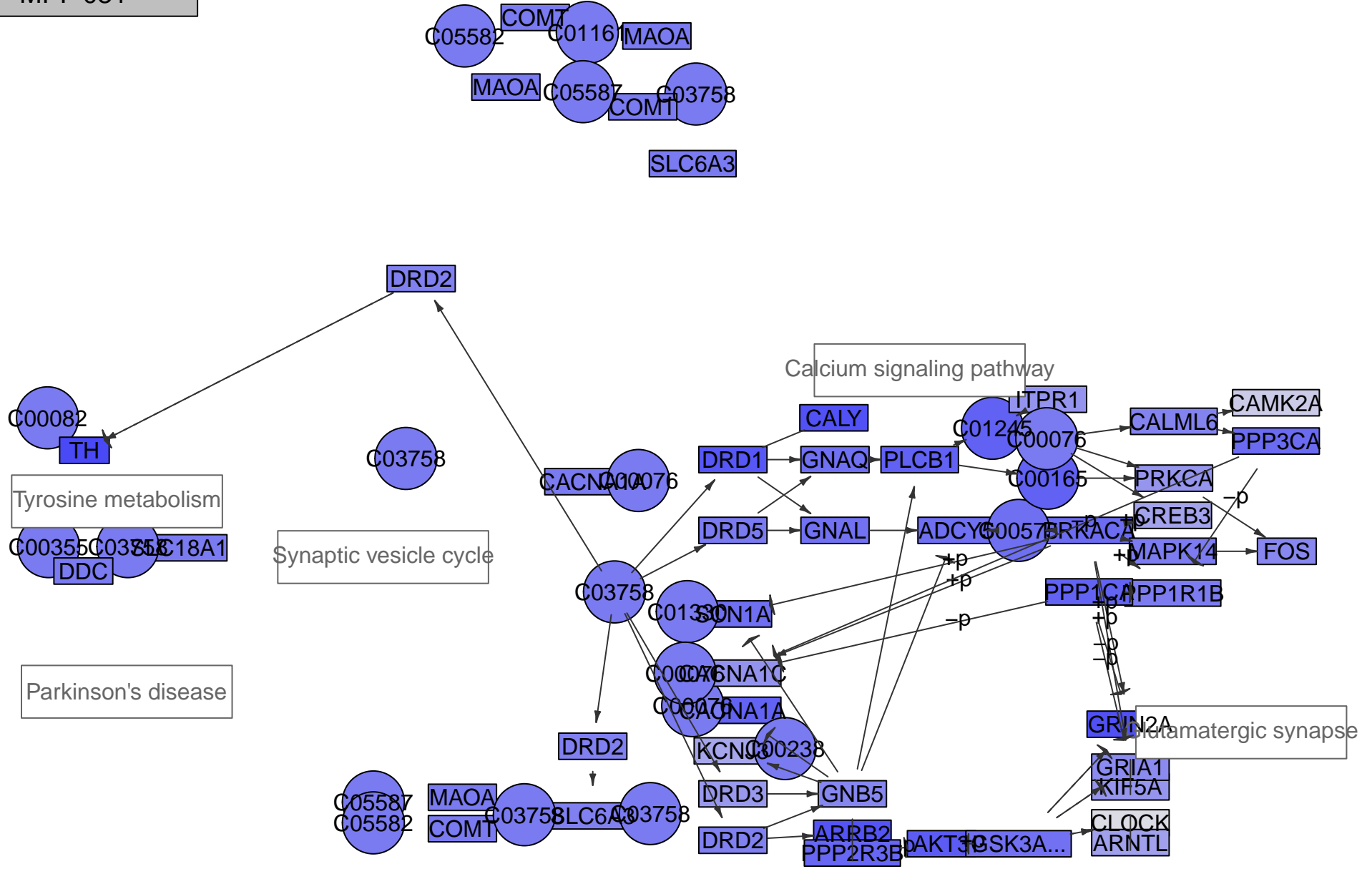
Synaptic vesicle cycle

Calcium signaling pathway

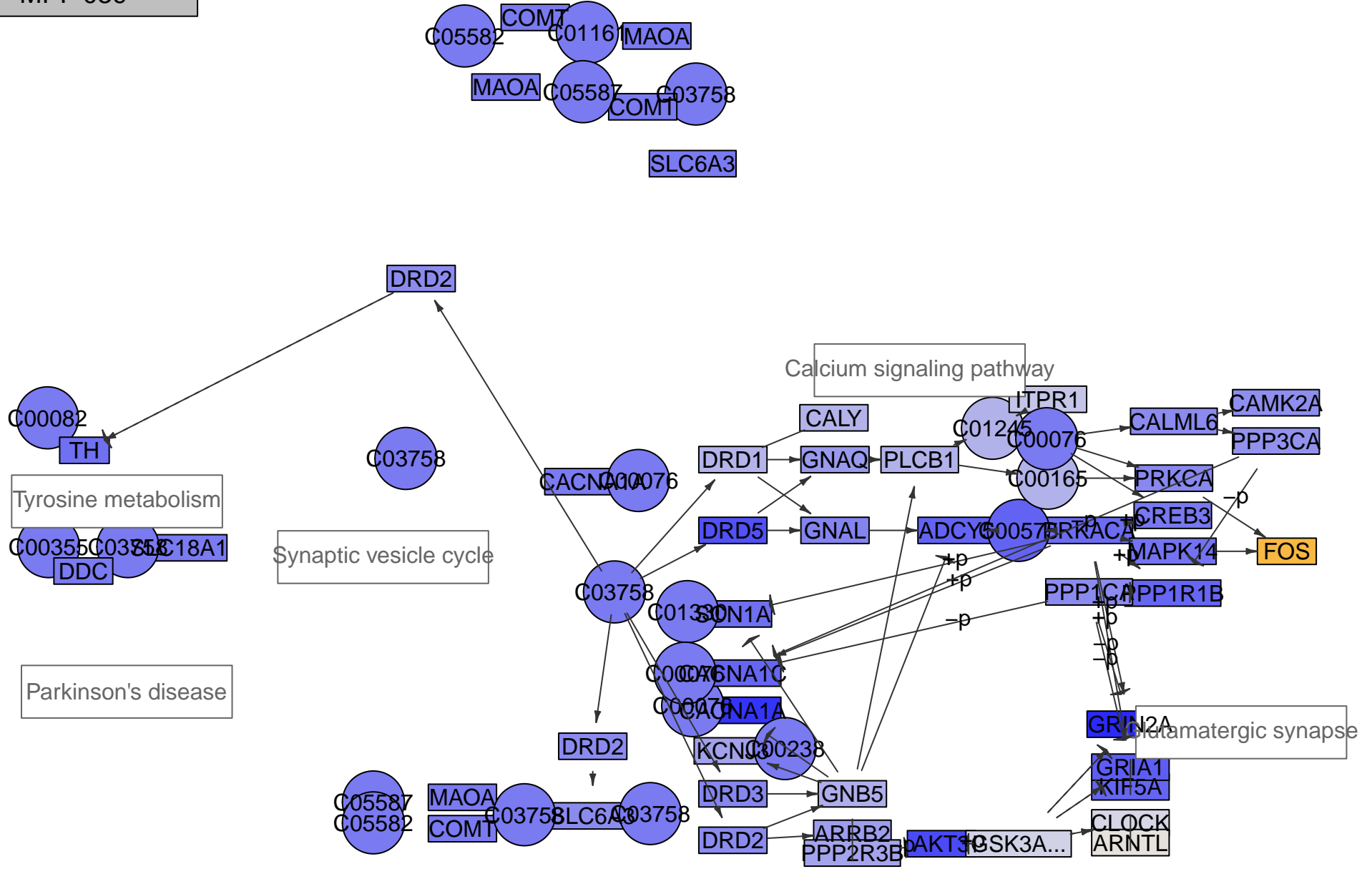
Dopaminergic synapse

Parkinson's disease

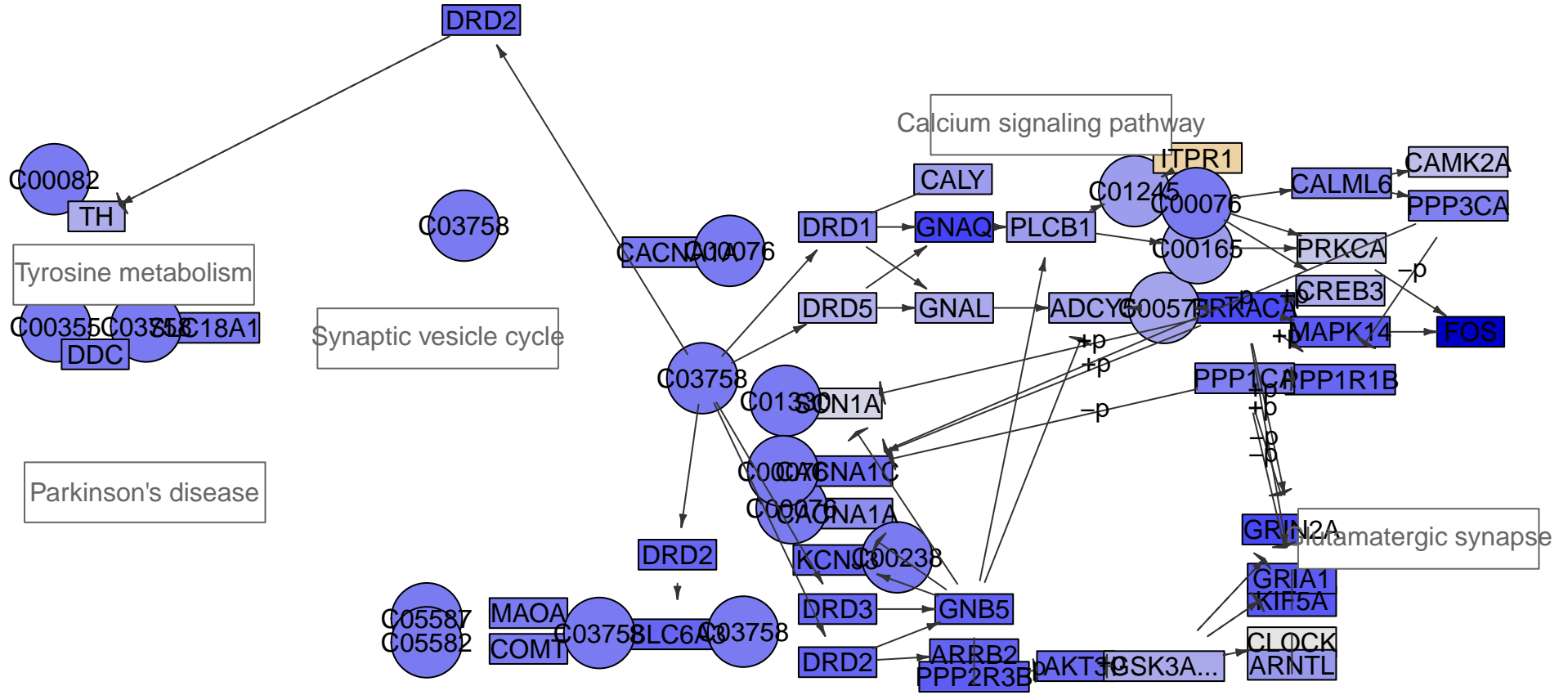
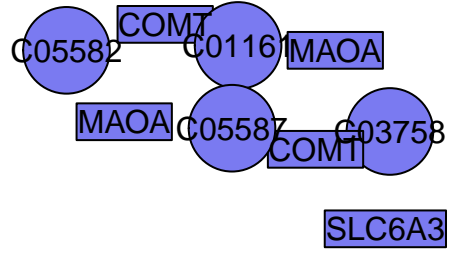
Dopaminergic synapse
MPI-031



Dopaminergic synapse
MPI-039



Dopaminergic synapse
MPI-040



Tyrosine metabolism
C00355 C03358 C18A1
DDC

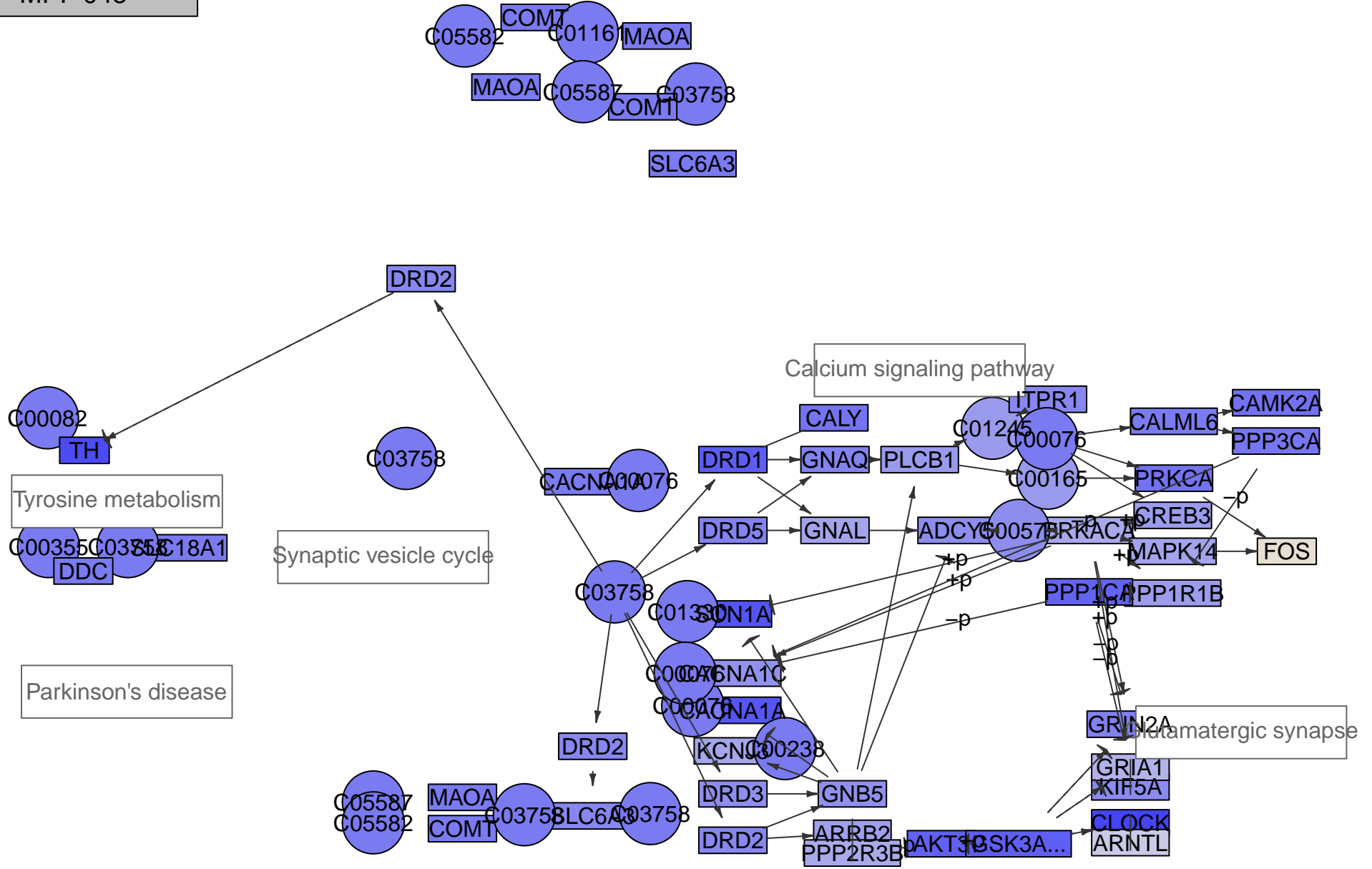
Synaptic vesicle cycle

Calcium signaling pathway

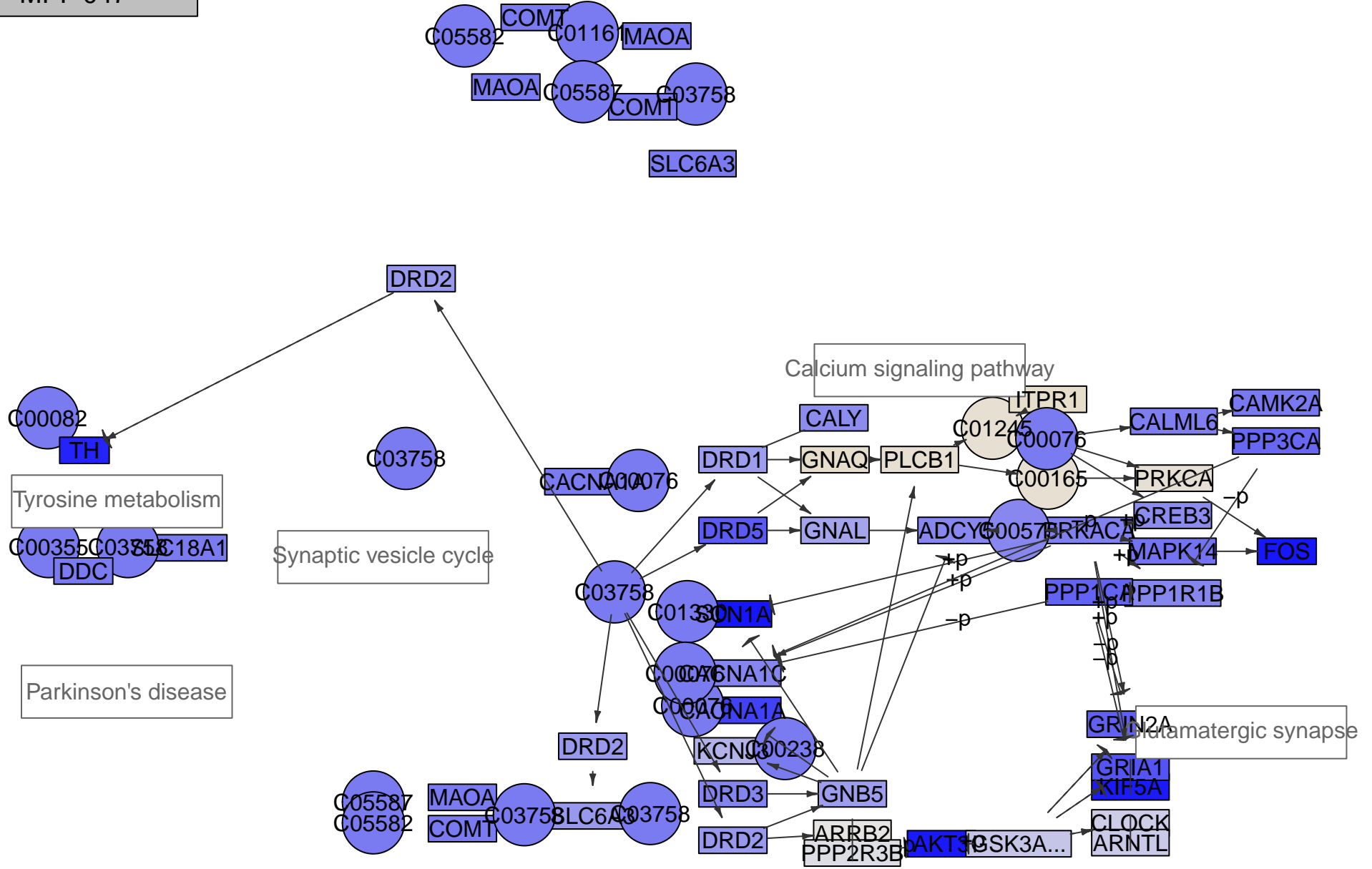
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-045



Dopaminergic synapse
MPI-047



Tyrosine metabolism

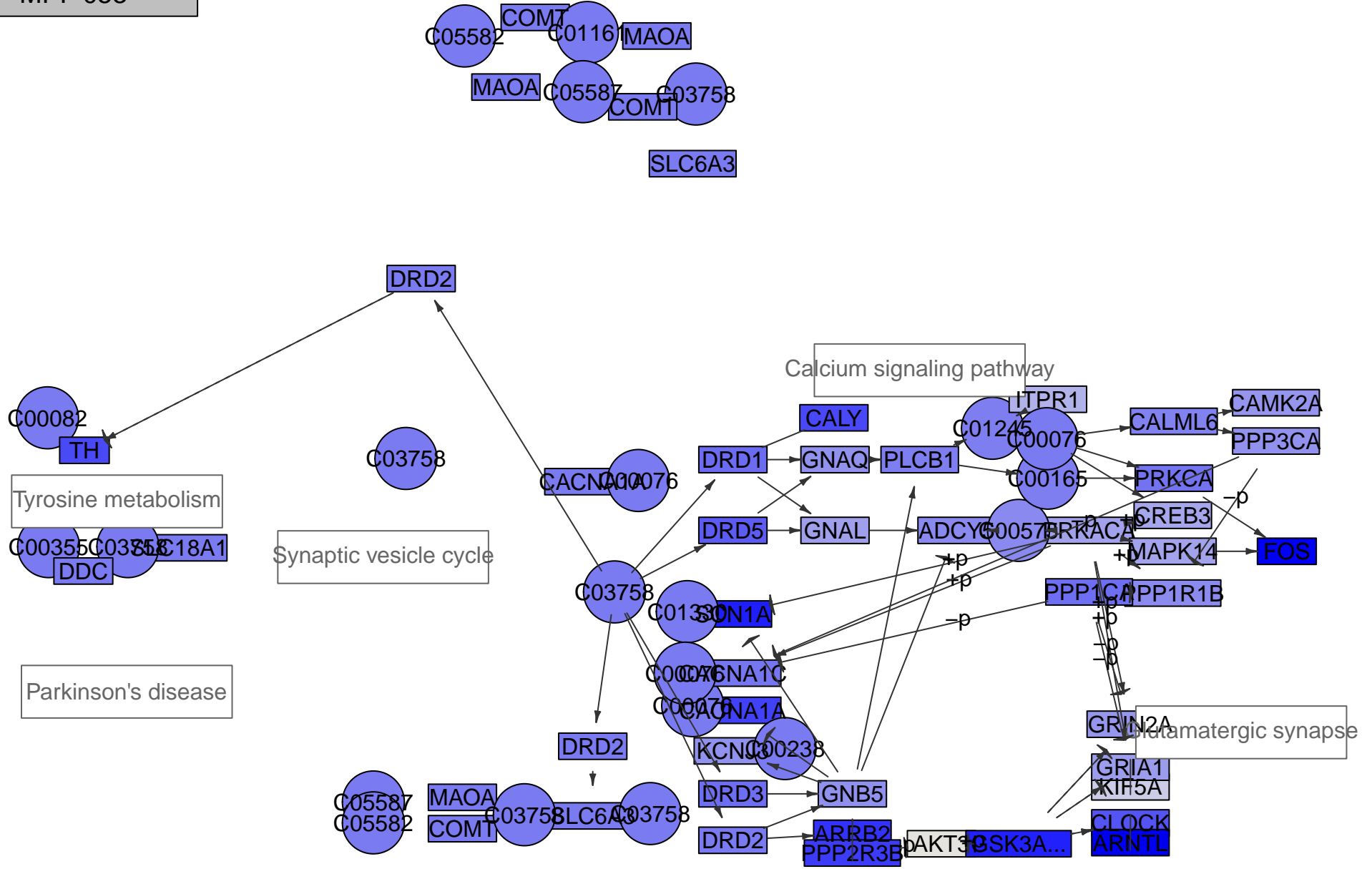
Synaptic vesicle cycle

Calcium signaling pathway

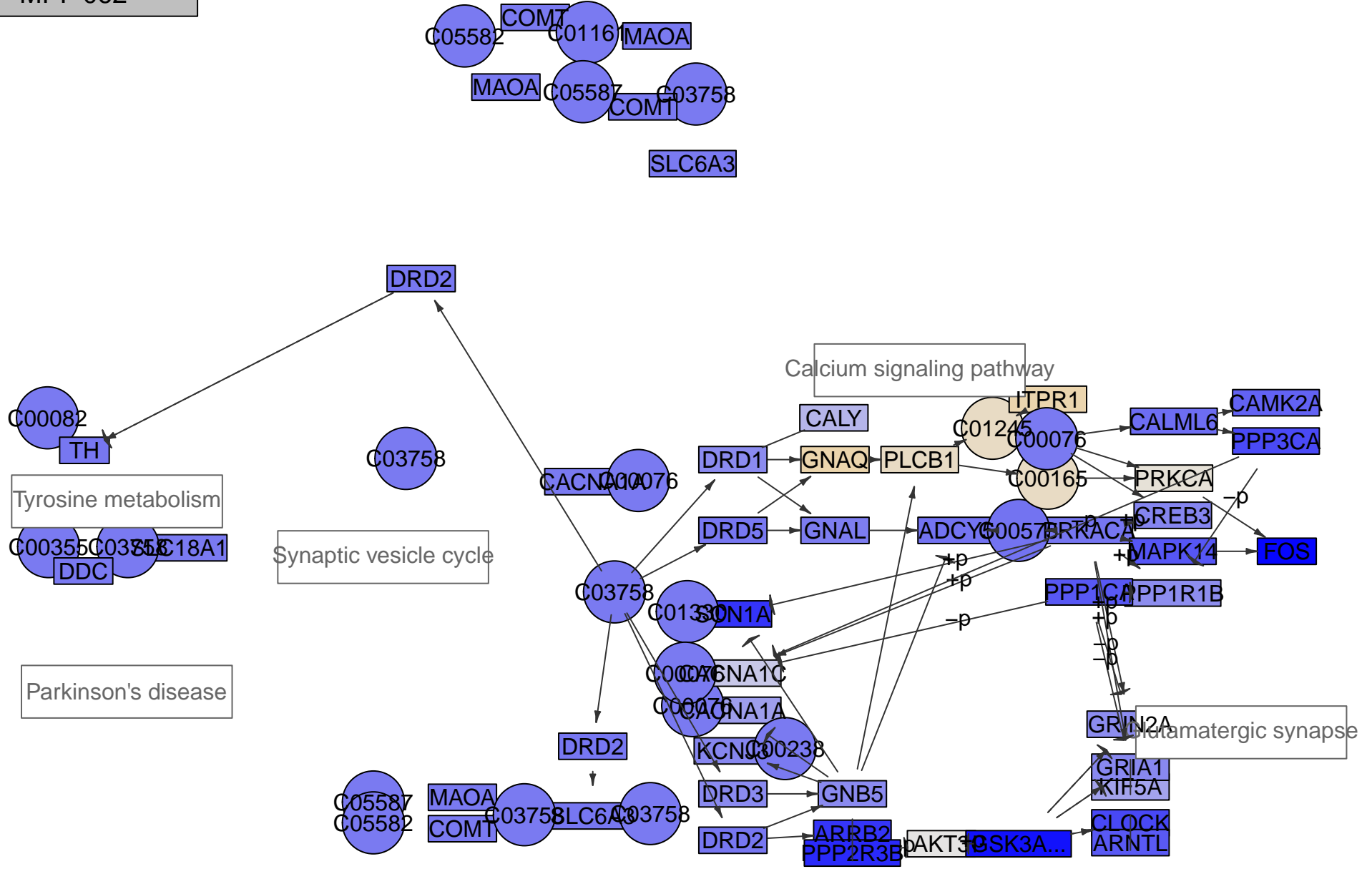
Dopaminergic synapse

Parkinson's disease

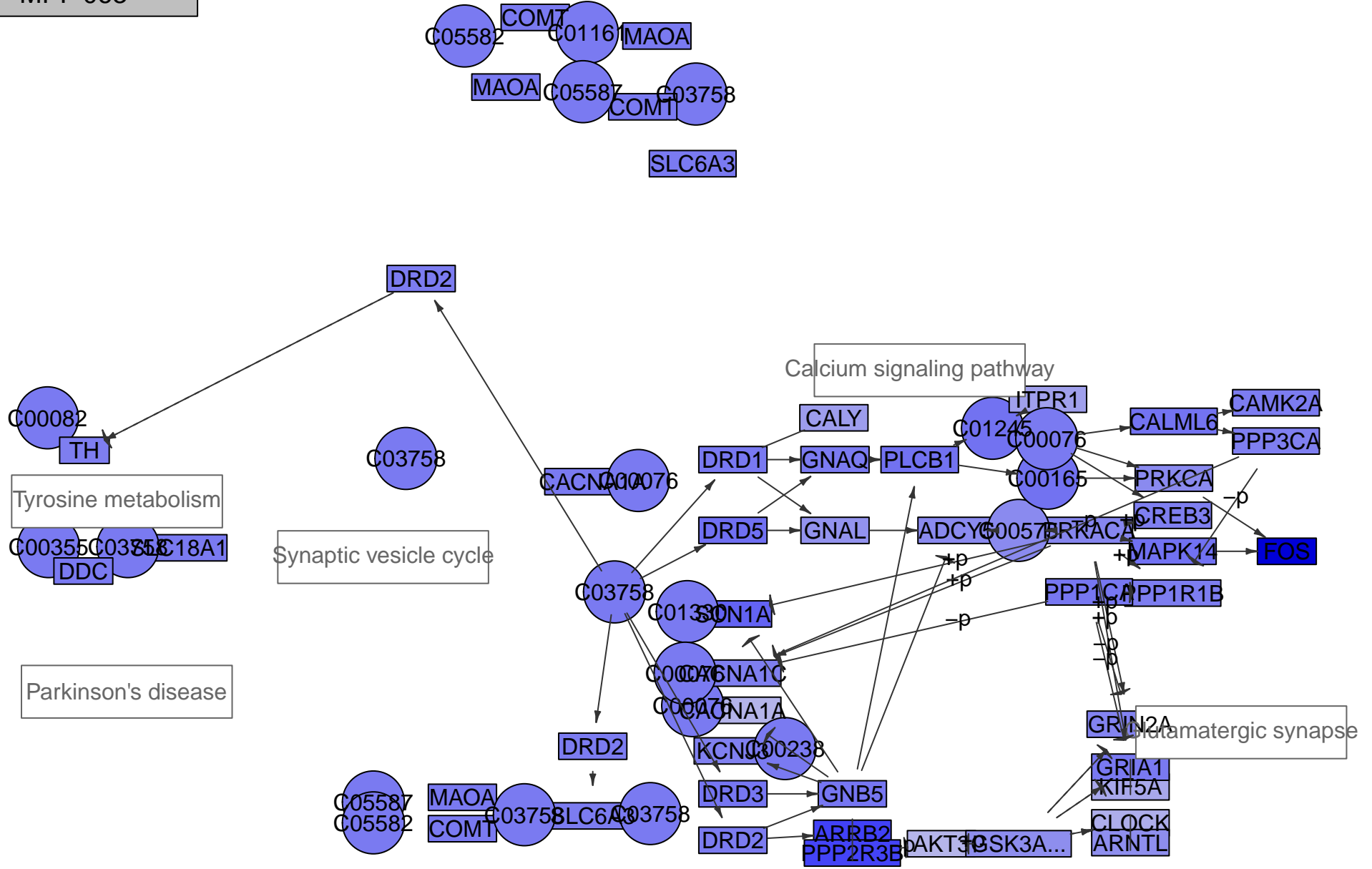
Dopaminergic synapse
MPI-053



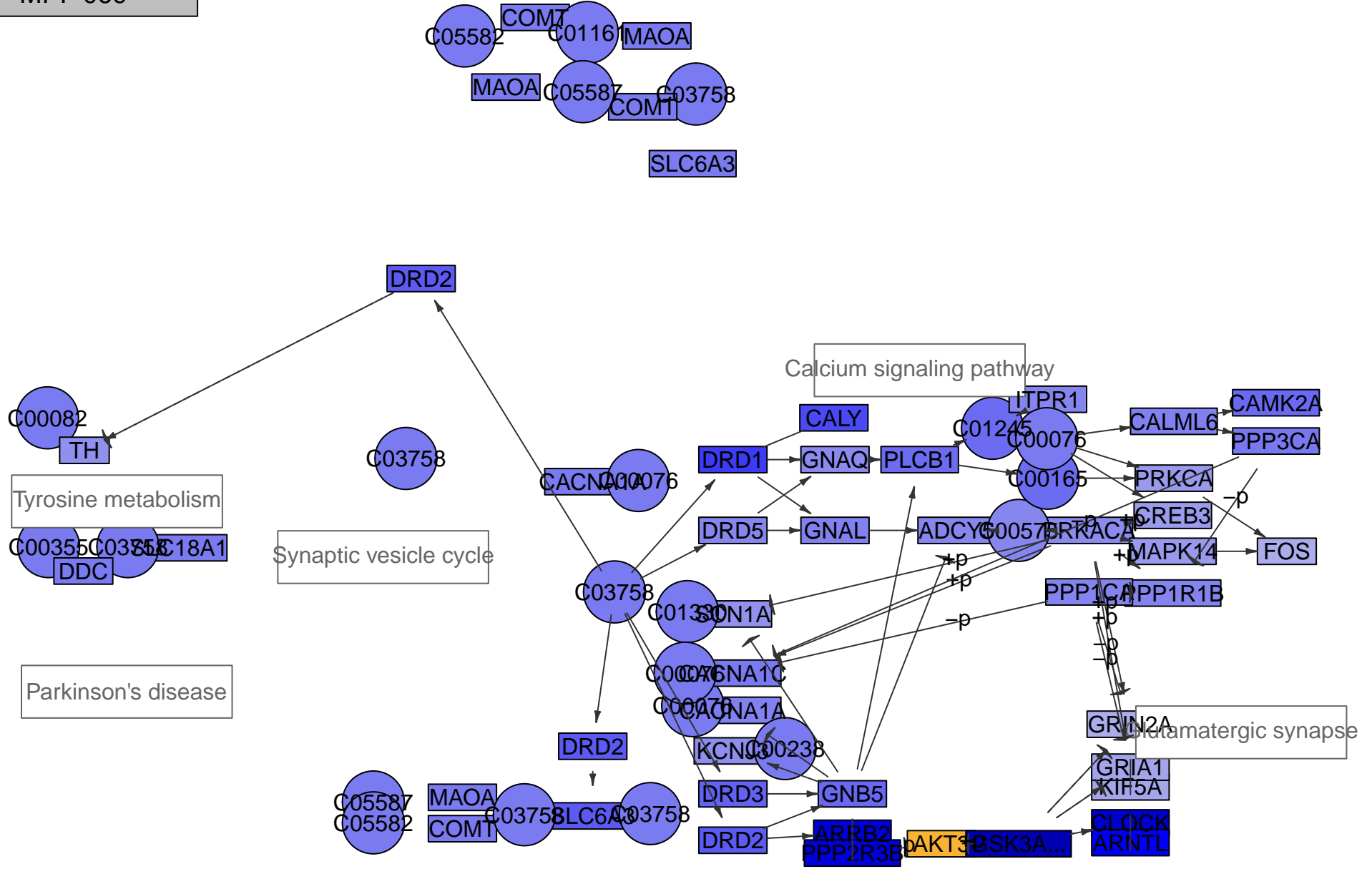
Dopaminergic synapse
MPI-062



Dopaminergic synapse
MPI-063



Dopaminergic synapse
MPI-069



Synaptic vesicle cycle

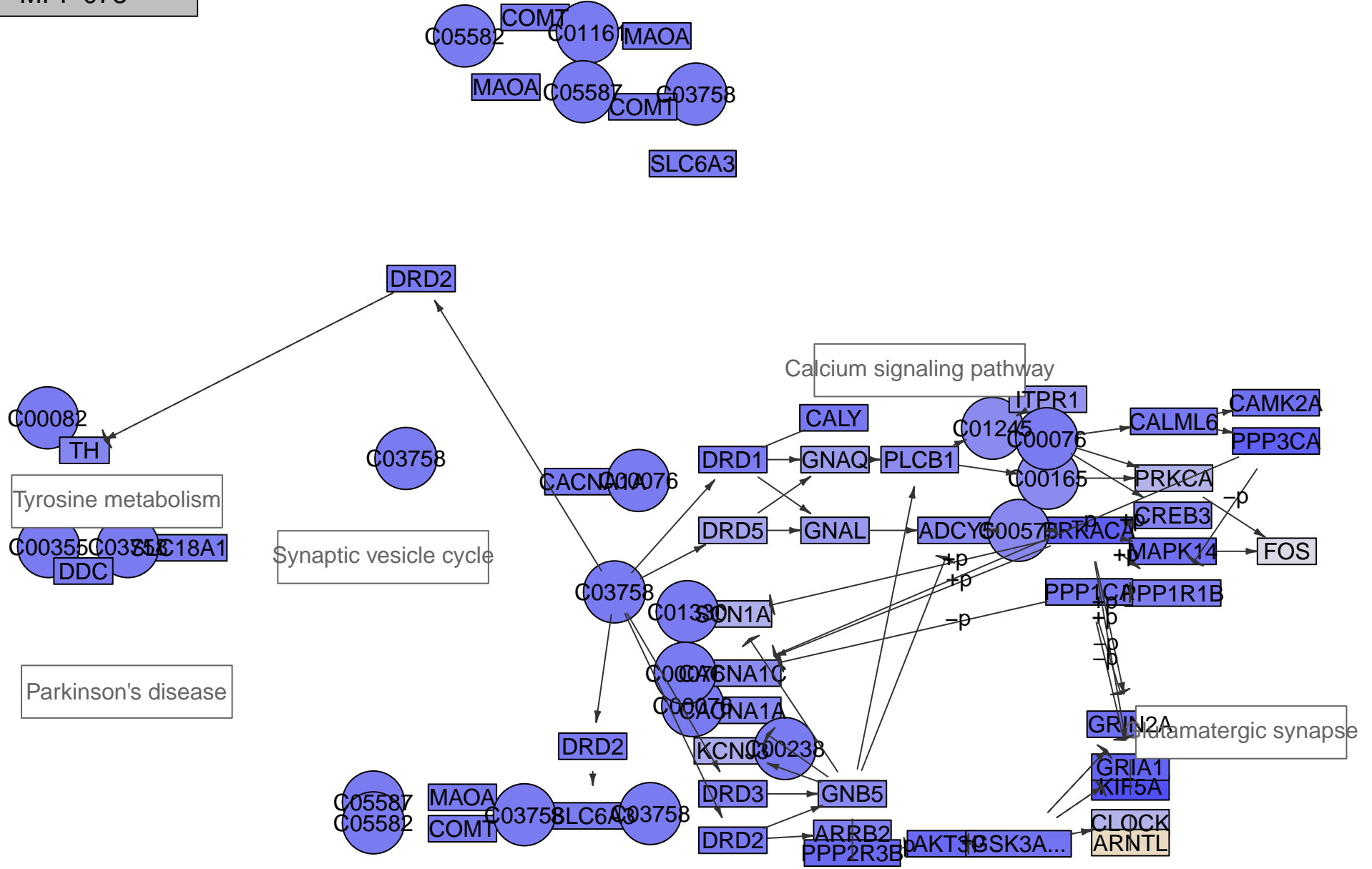
Calcium signaling pathway

Dopaminergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-073



Synaptic vesicle cycle

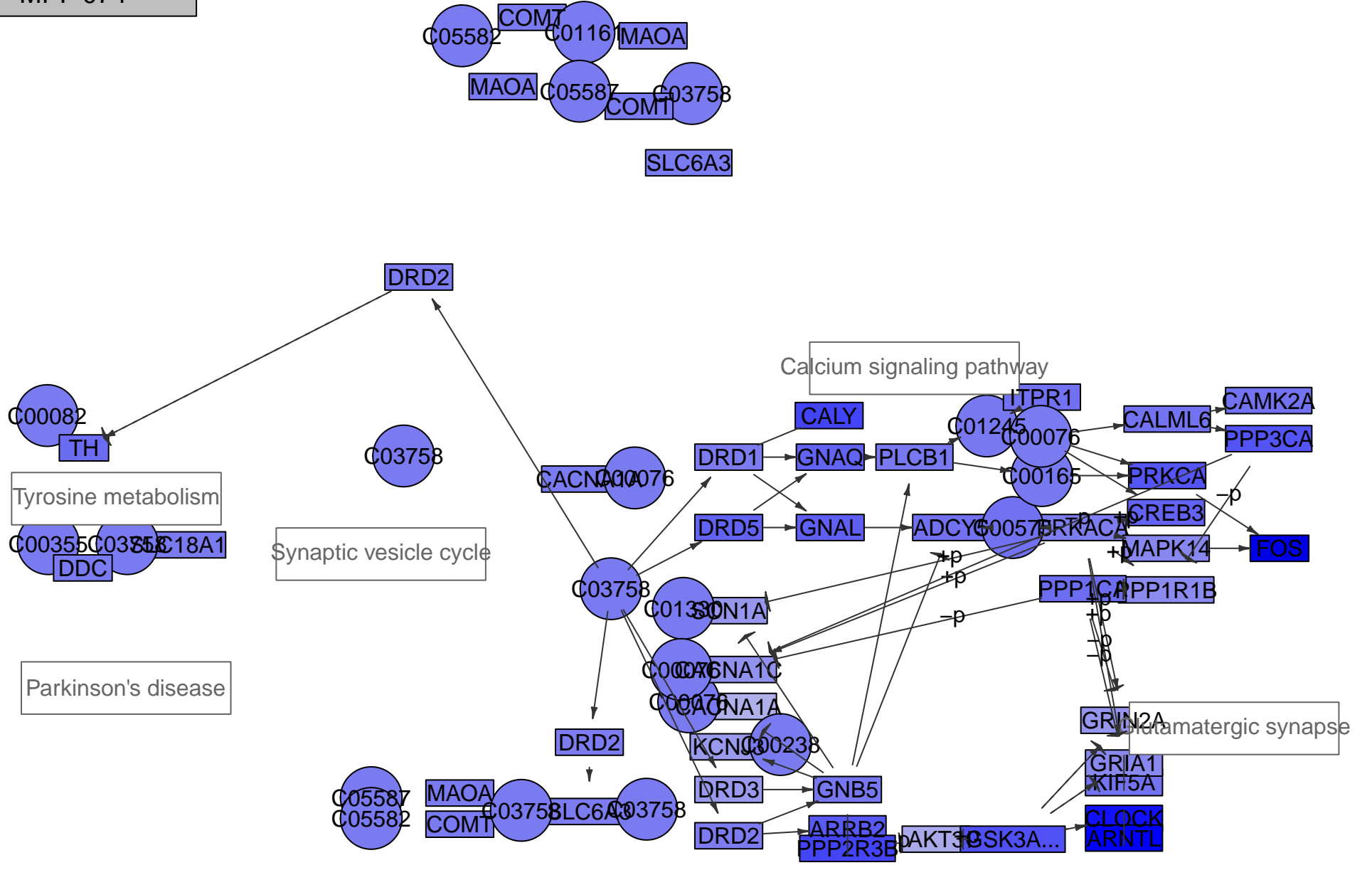
Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-074



Tyrosine metabolism

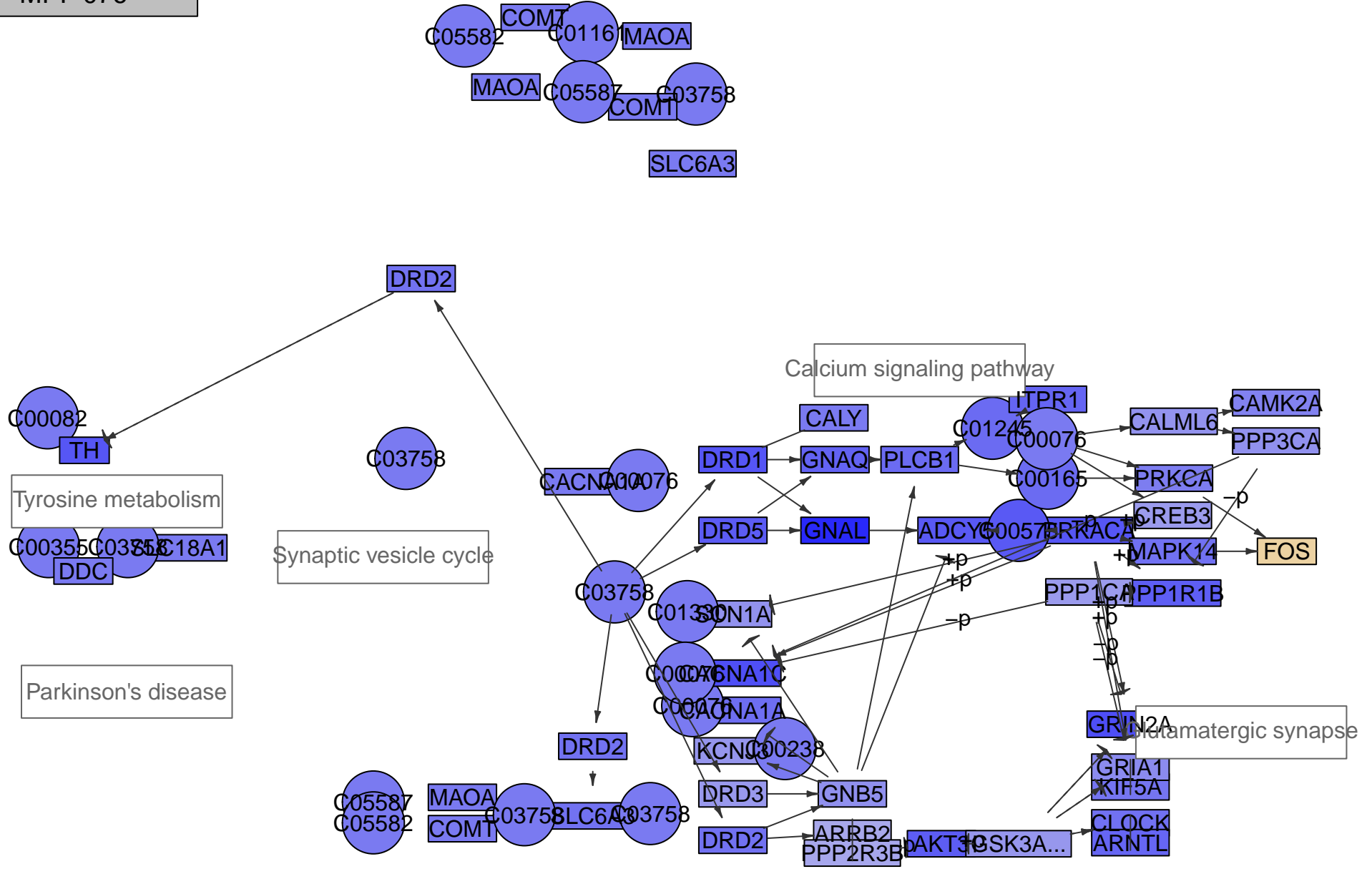
Synaptic vesicle cycle

Parkinson's disease

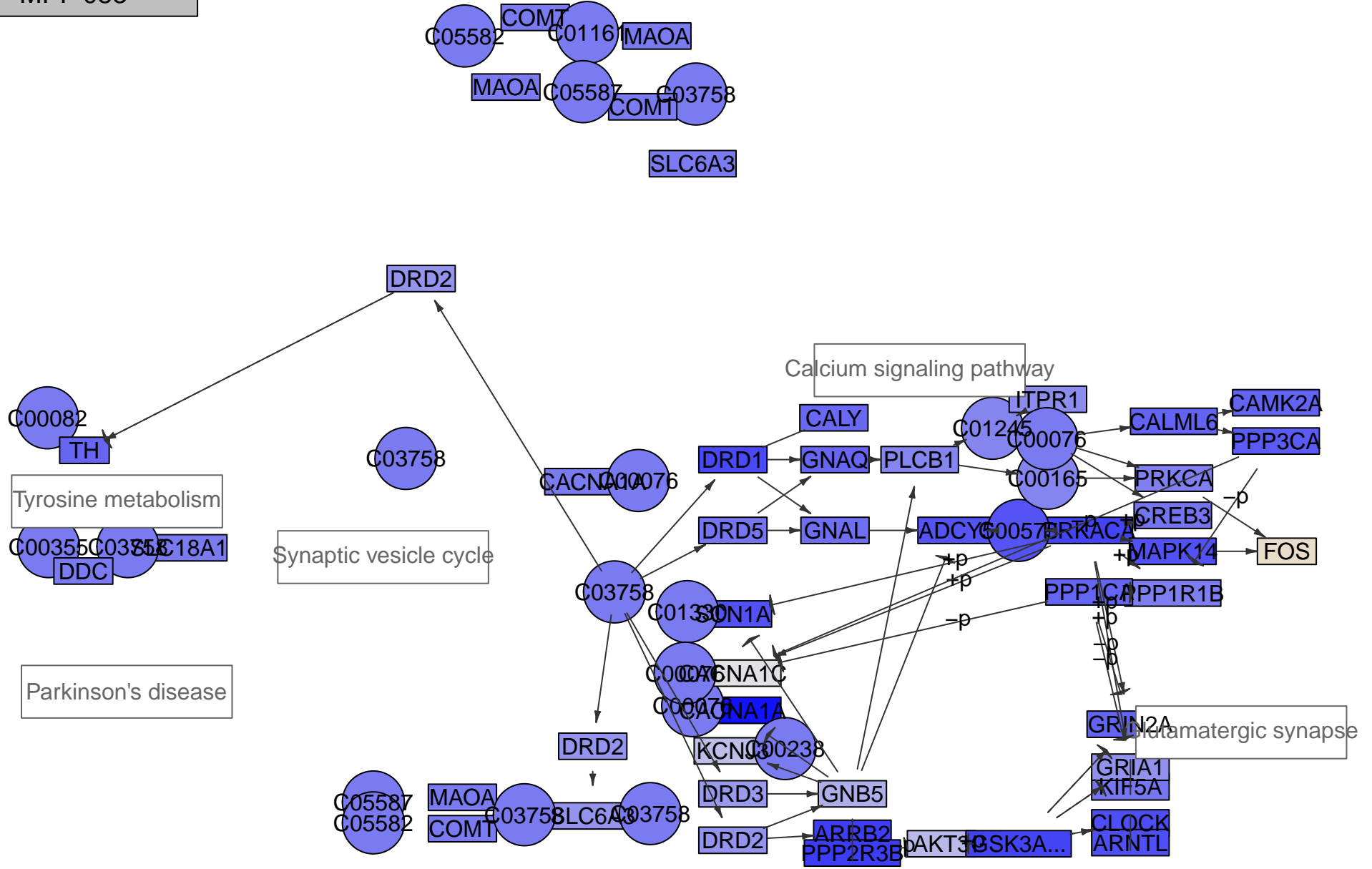
Calcium signaling pathway

Dopaminergic synapse

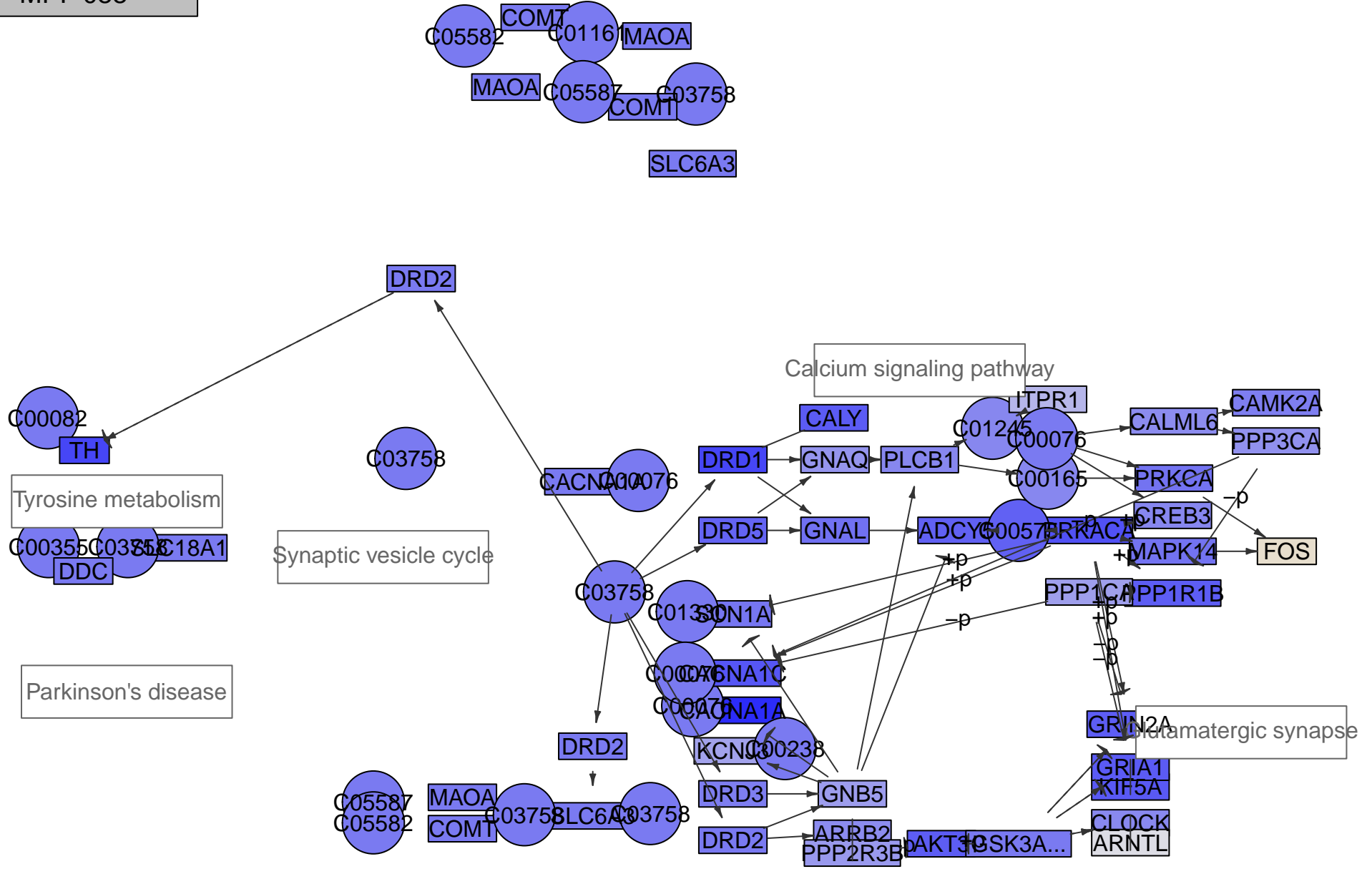
Dopaminergic synapse
MPI-076



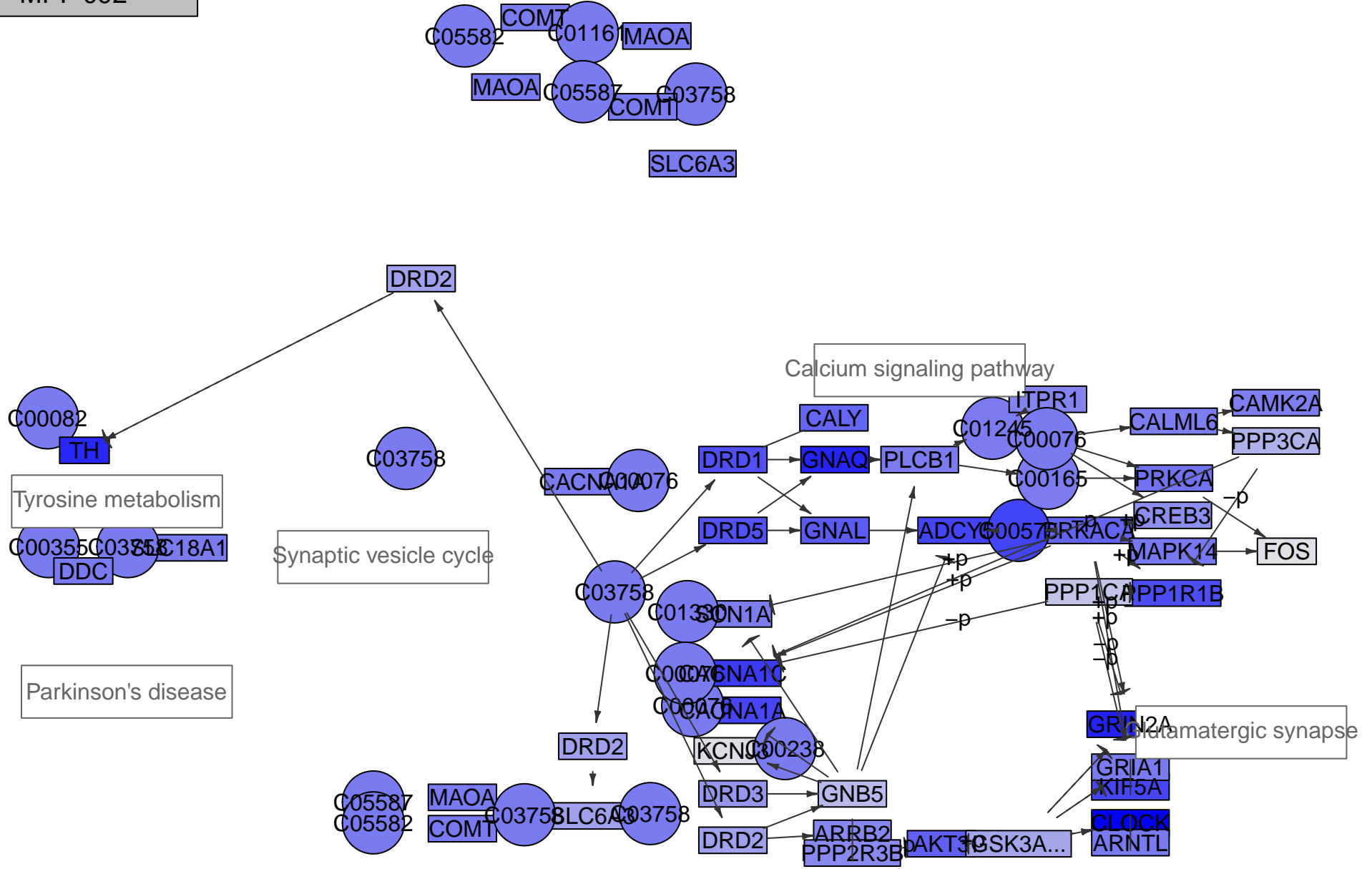
Dopaminergic synapse
MPI-083



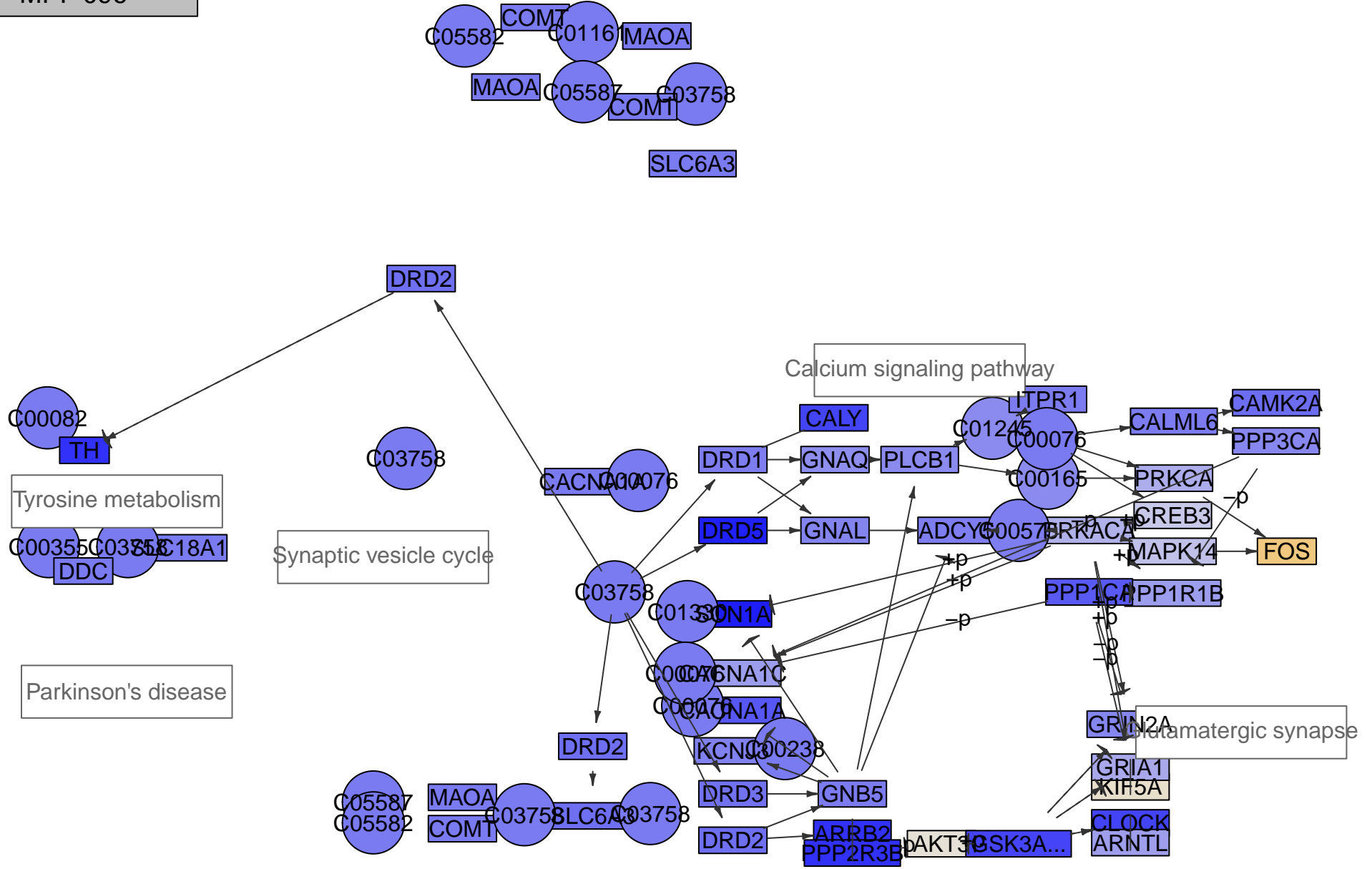
Dopaminergic synapse
MPI-088



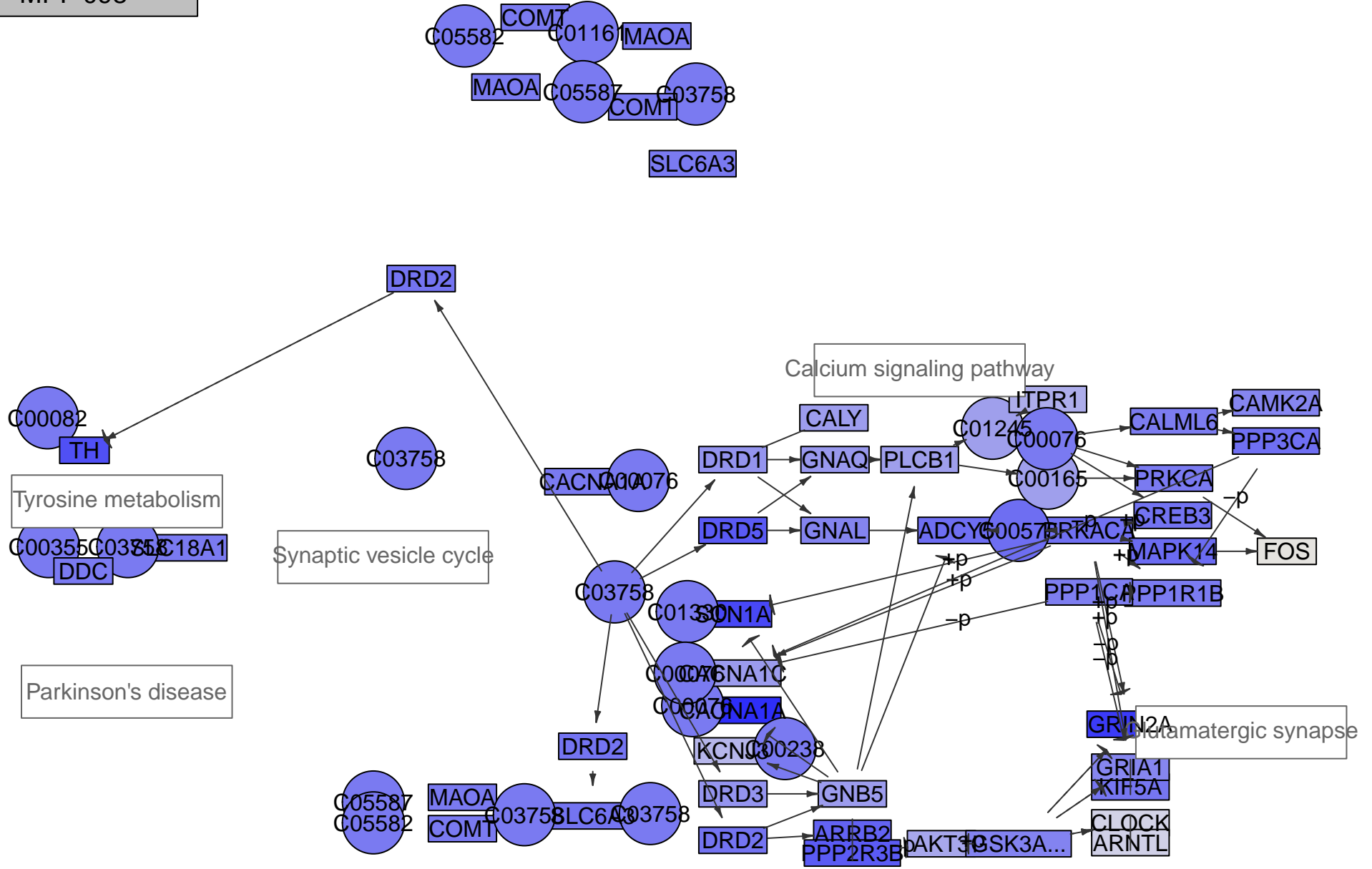
Dopaminergic synapse
MPI-092



Dopaminergic synapse
MPI-096



Dopaminergic synapse
MPI-098



Tyrosine metabolism

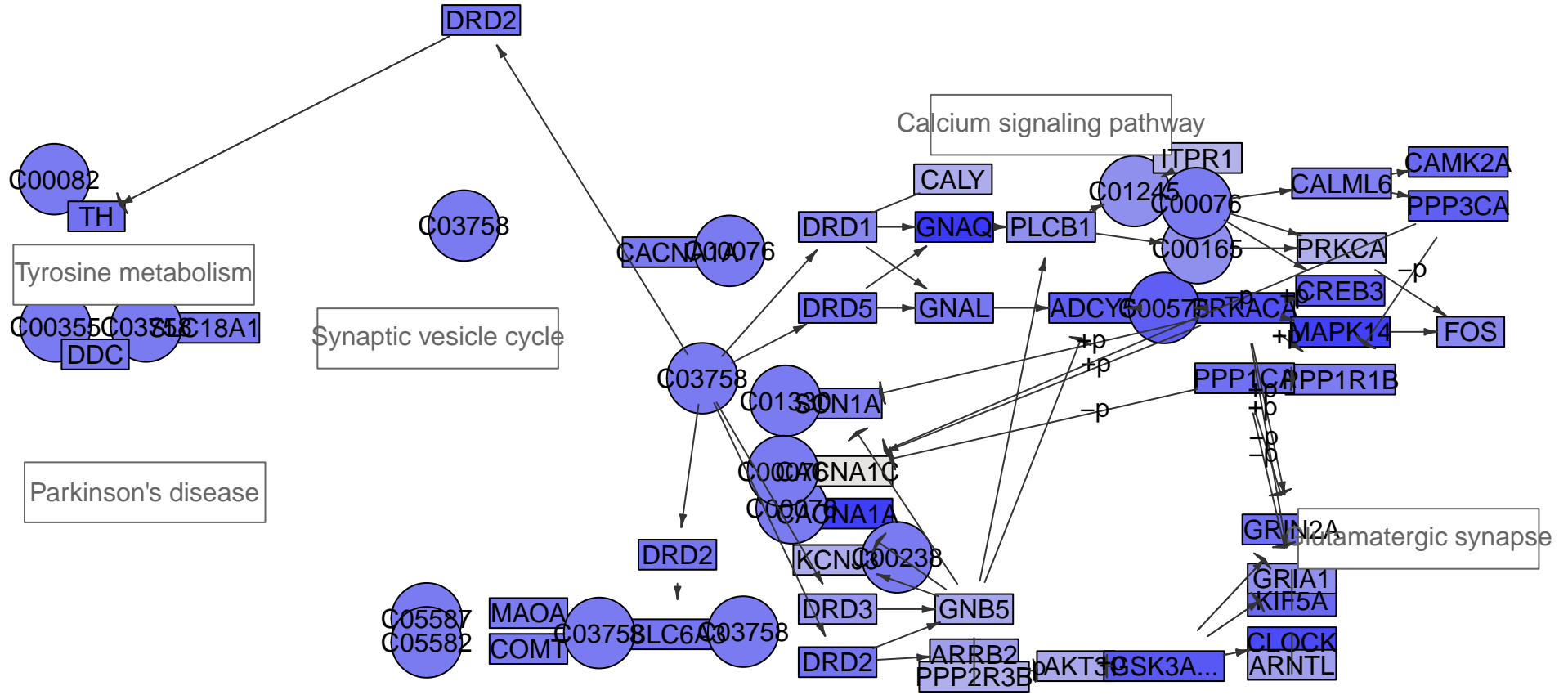
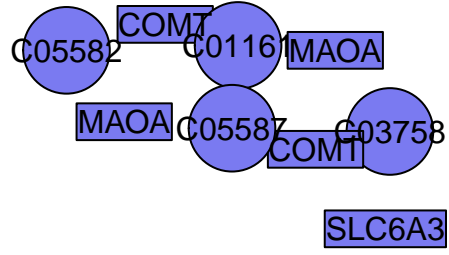
Synaptic vesicle cycle

Calcium signaling pathway

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-100



Calcium signaling pathway

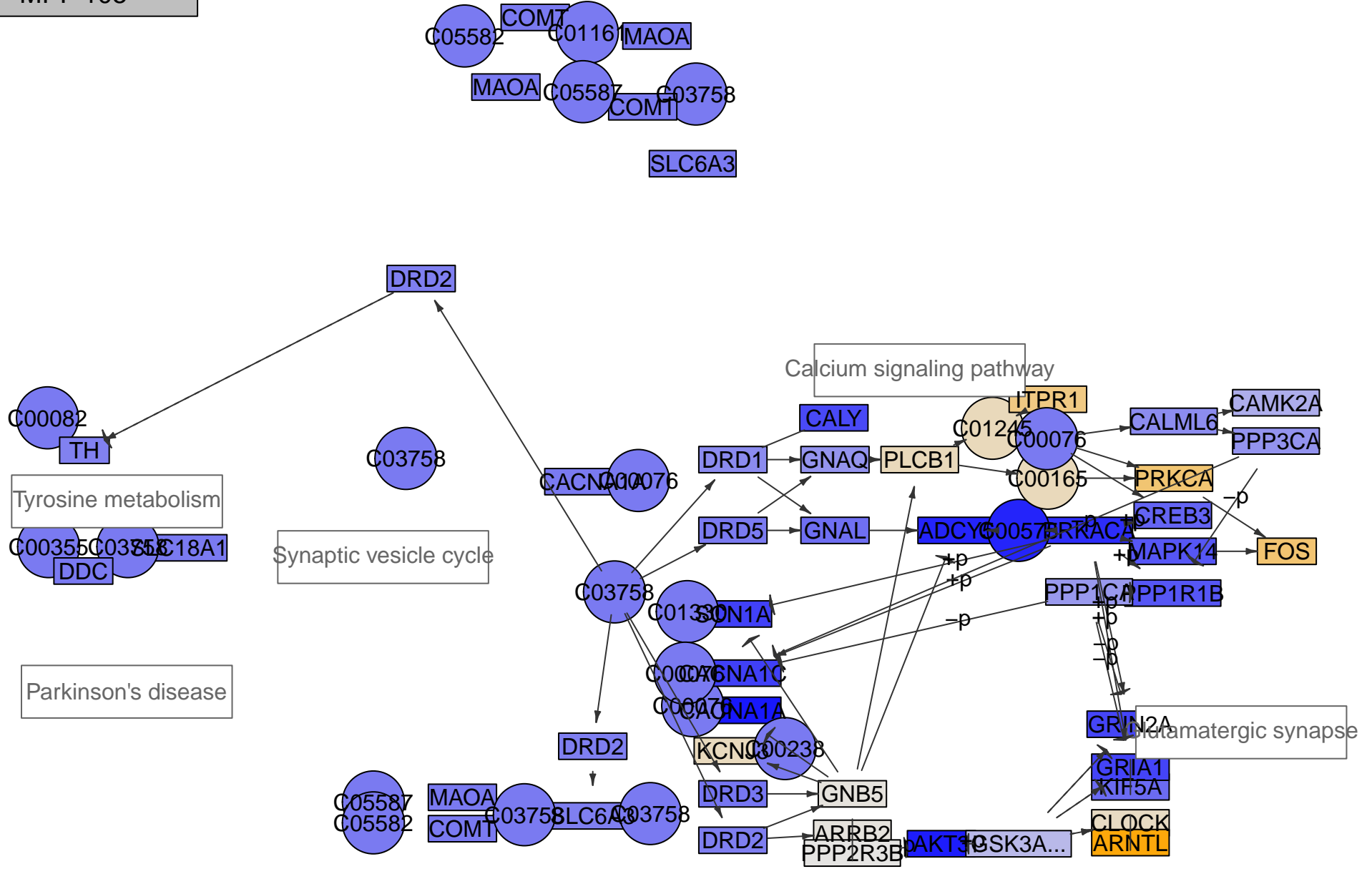
Tyrosine metabolism

Synaptic vesicle cycle

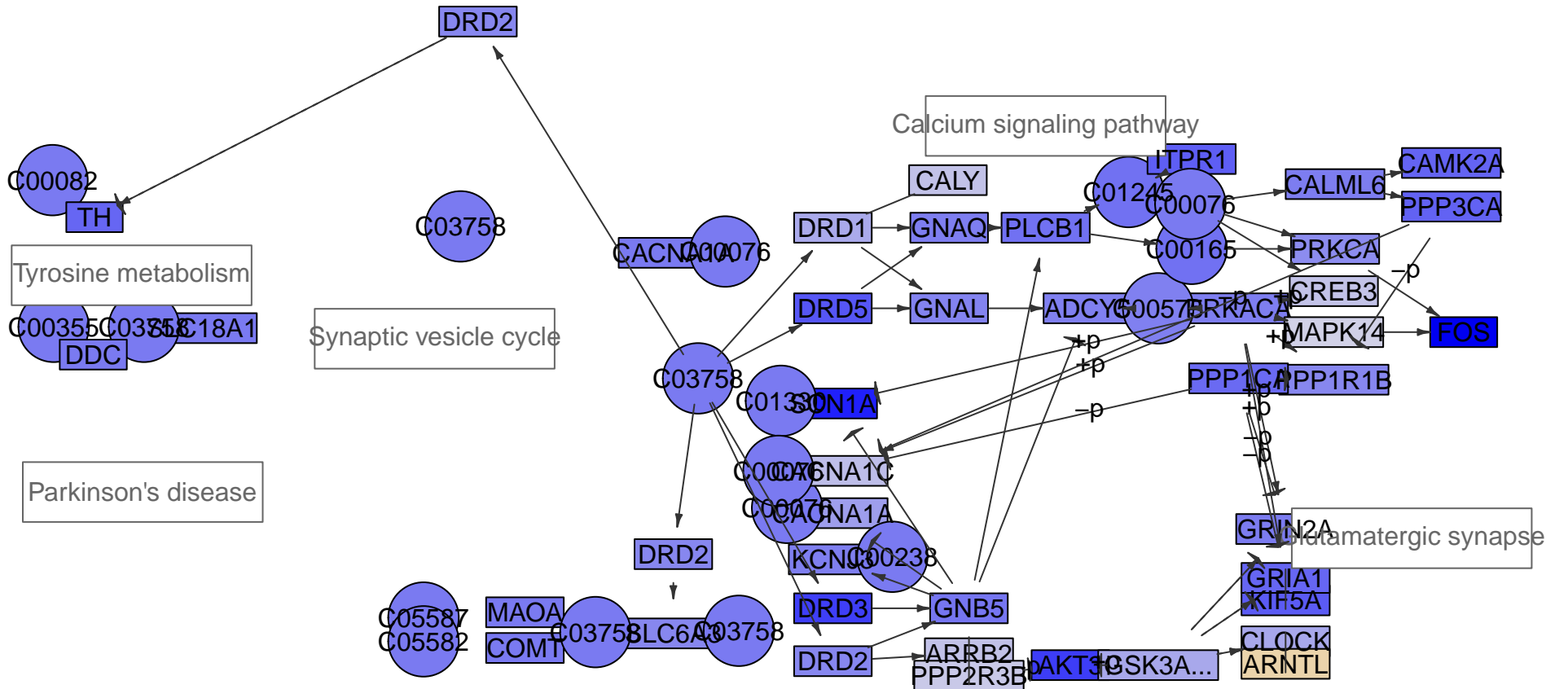
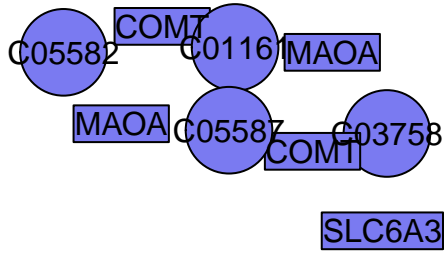
Parkinson's disease

Dopaminergic synapse

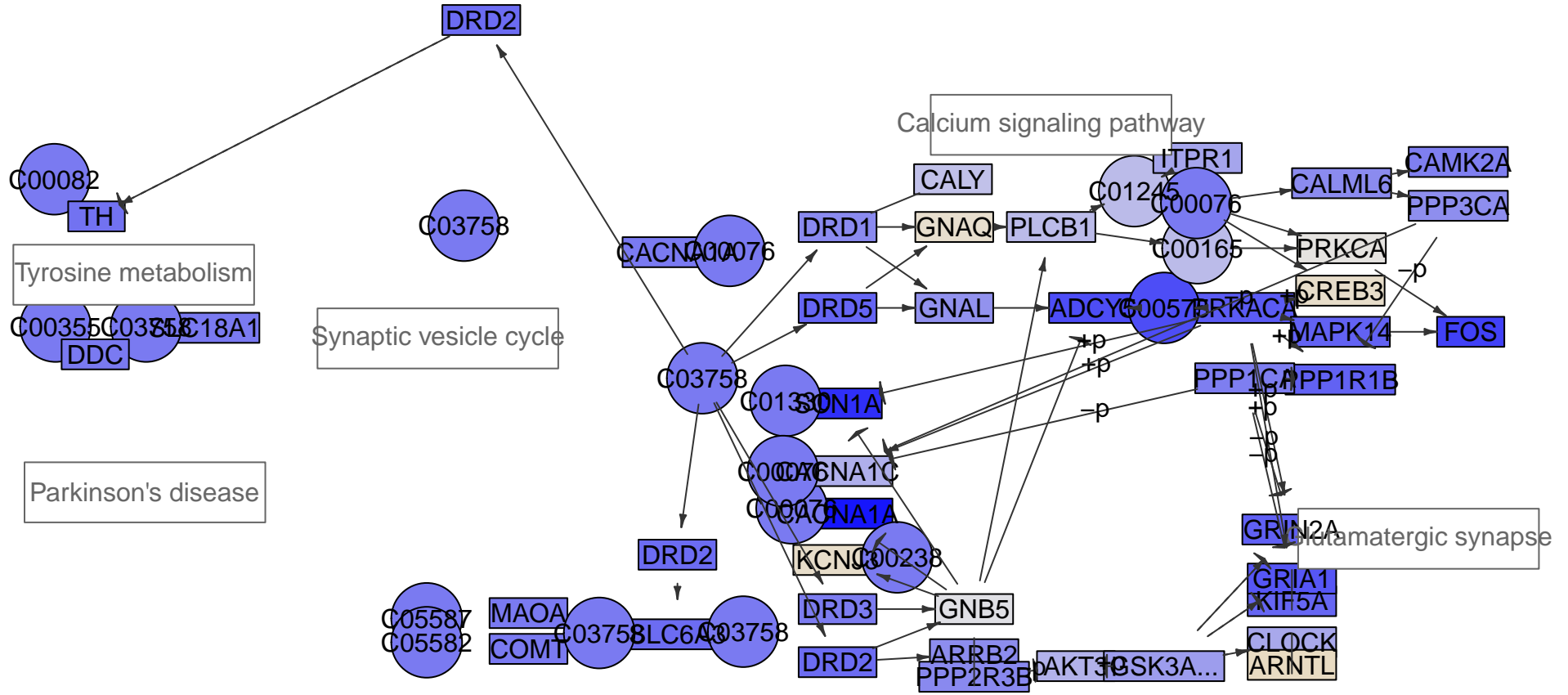
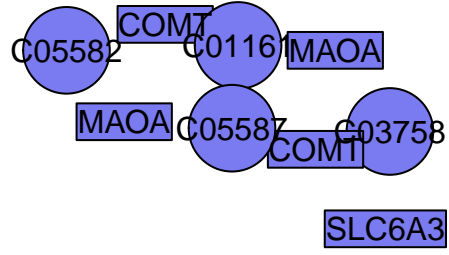
Dopaminergic synapse
MPI-105



Dopaminergic synapse
MPI-106



Dopaminergic synapse
MPI-108



Tyrosine metabolism

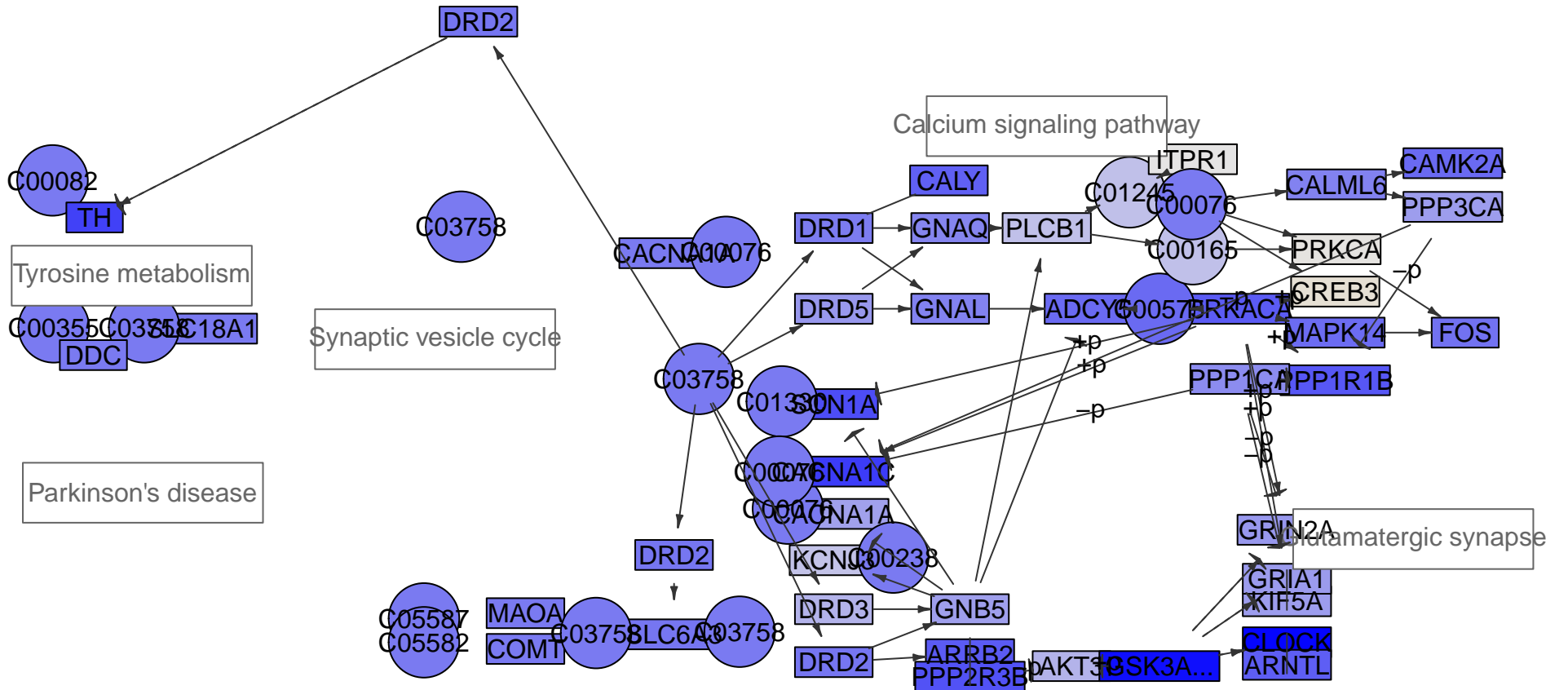
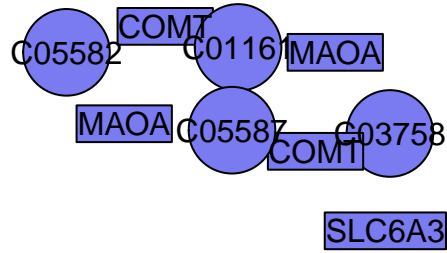
Synaptic vesicle cycle

Parkinson's disease

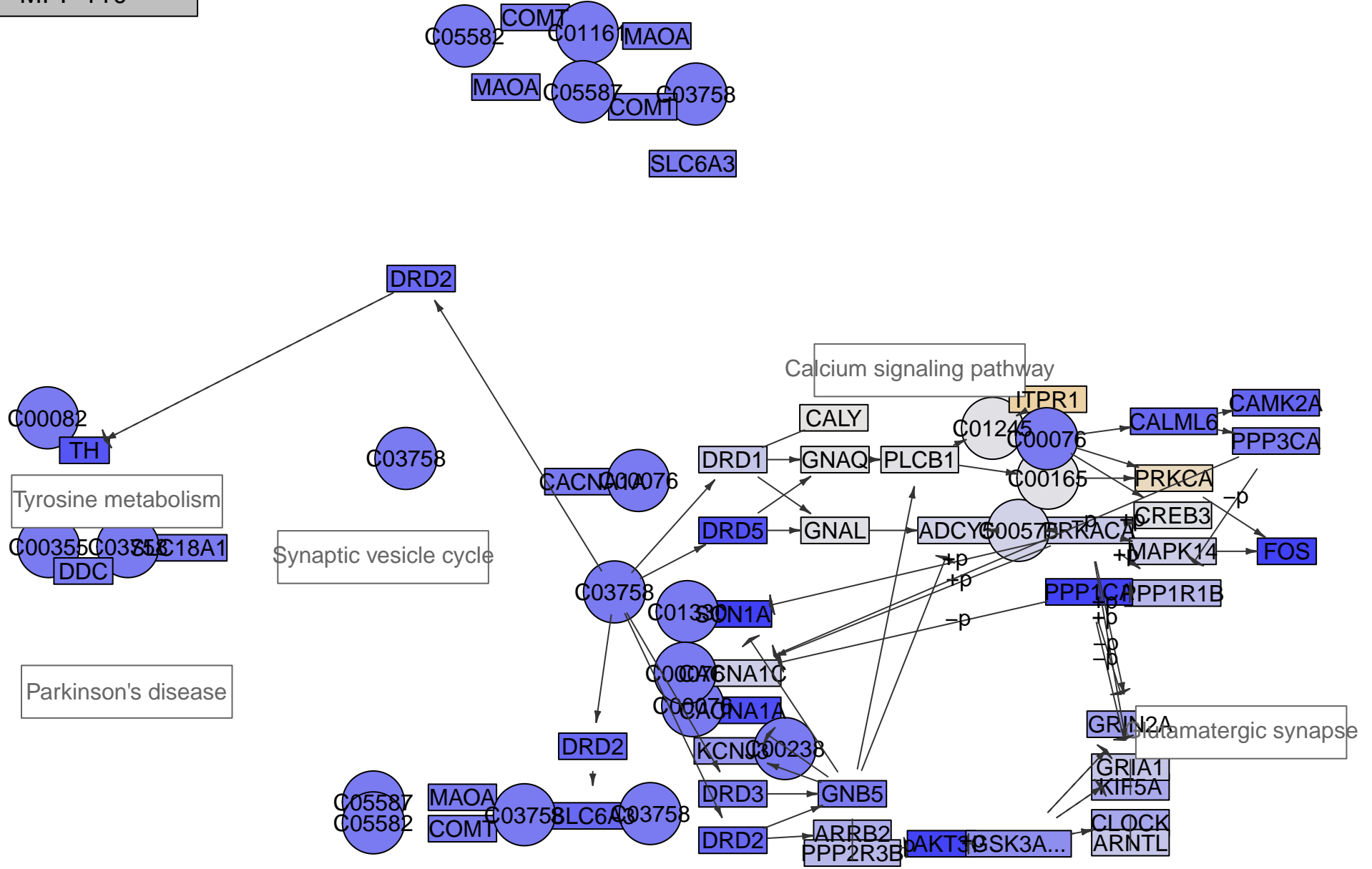
Calcium signaling pathway

Glutamatergic synapse

Dopaminergic synapse
MPI-109



Dopaminergic synapse
MPI-110



Synaptic vesicle cycle

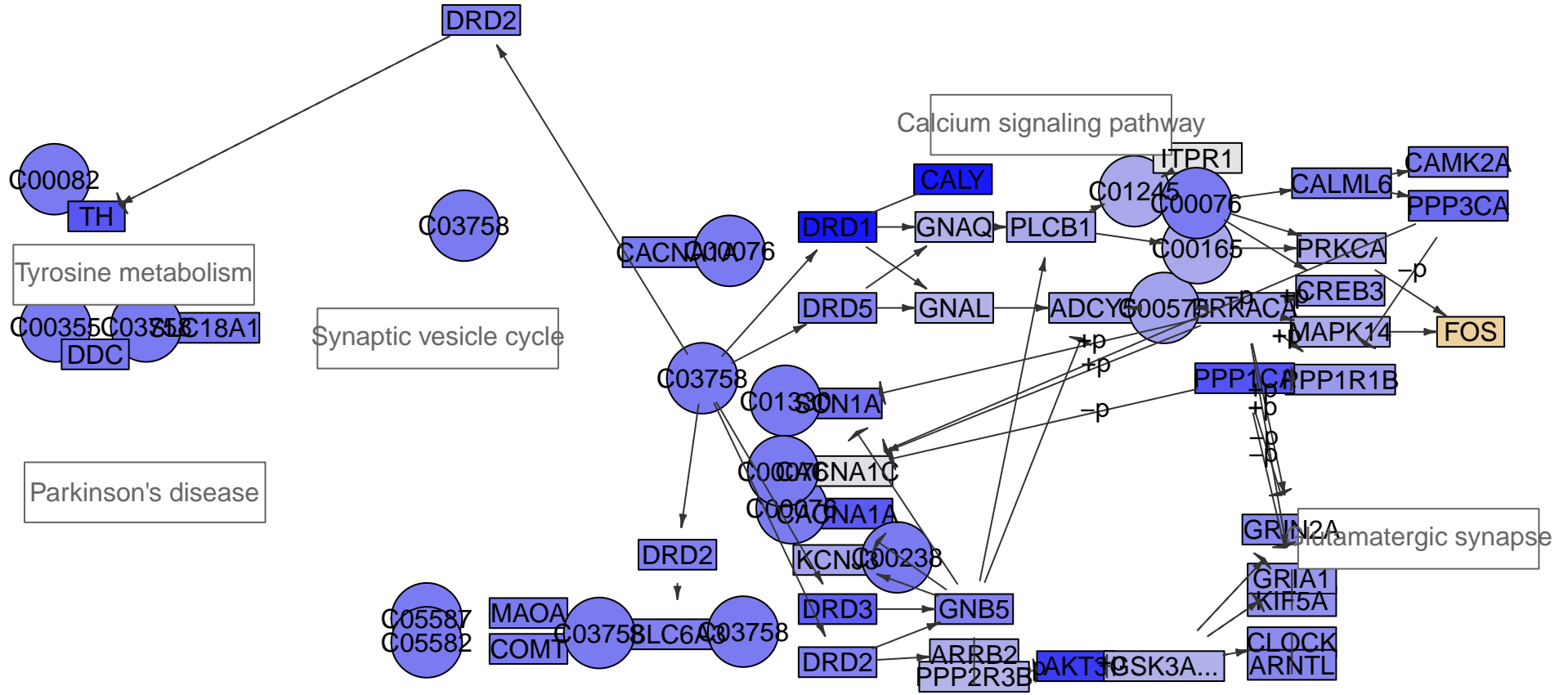
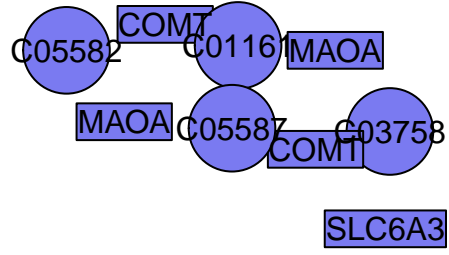
Calcium signaling pathway

Dopaminergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-111



Calcium signaling pathway

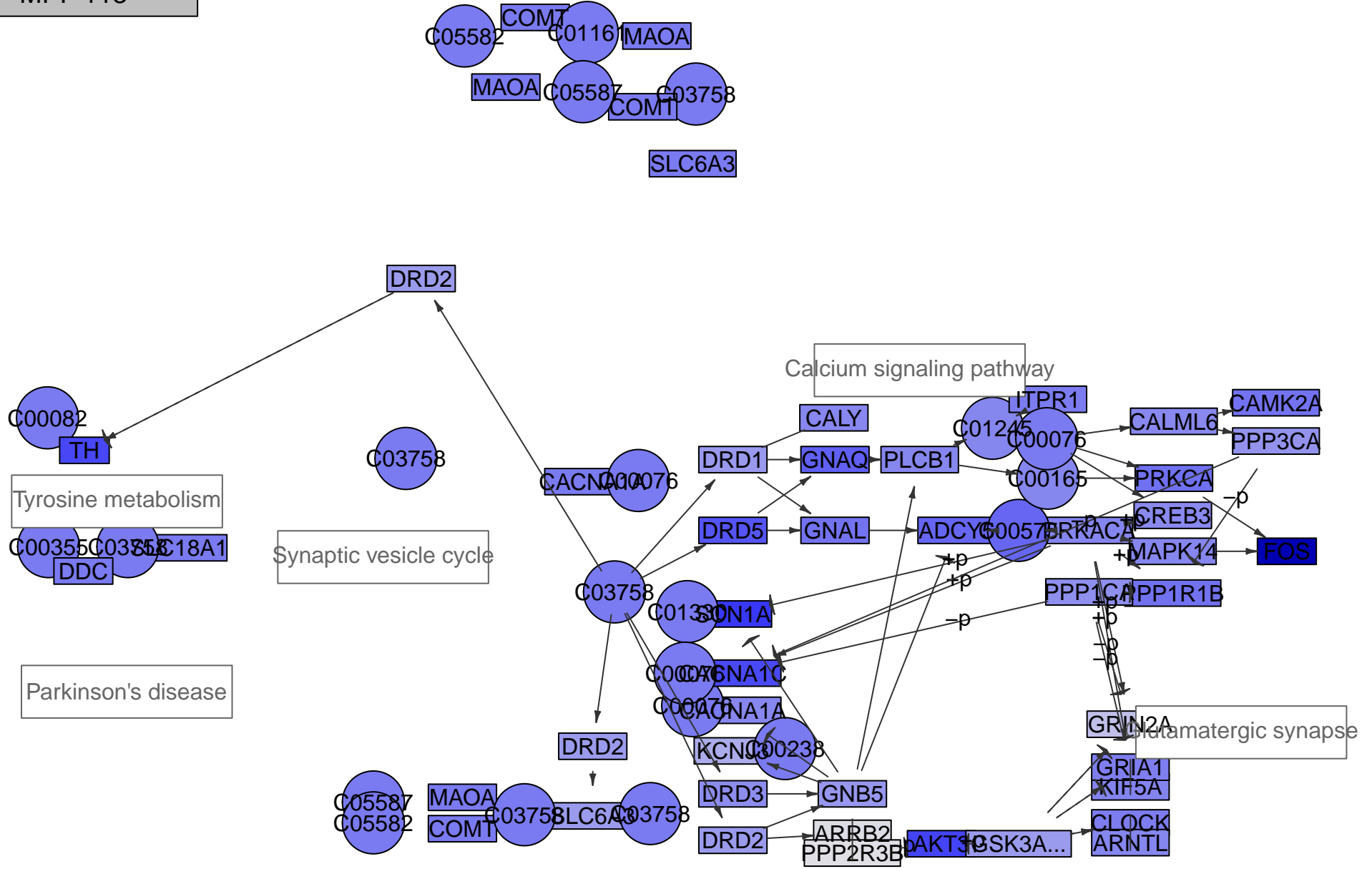
Tyrosine metabolism

Synaptic vesicle cycle

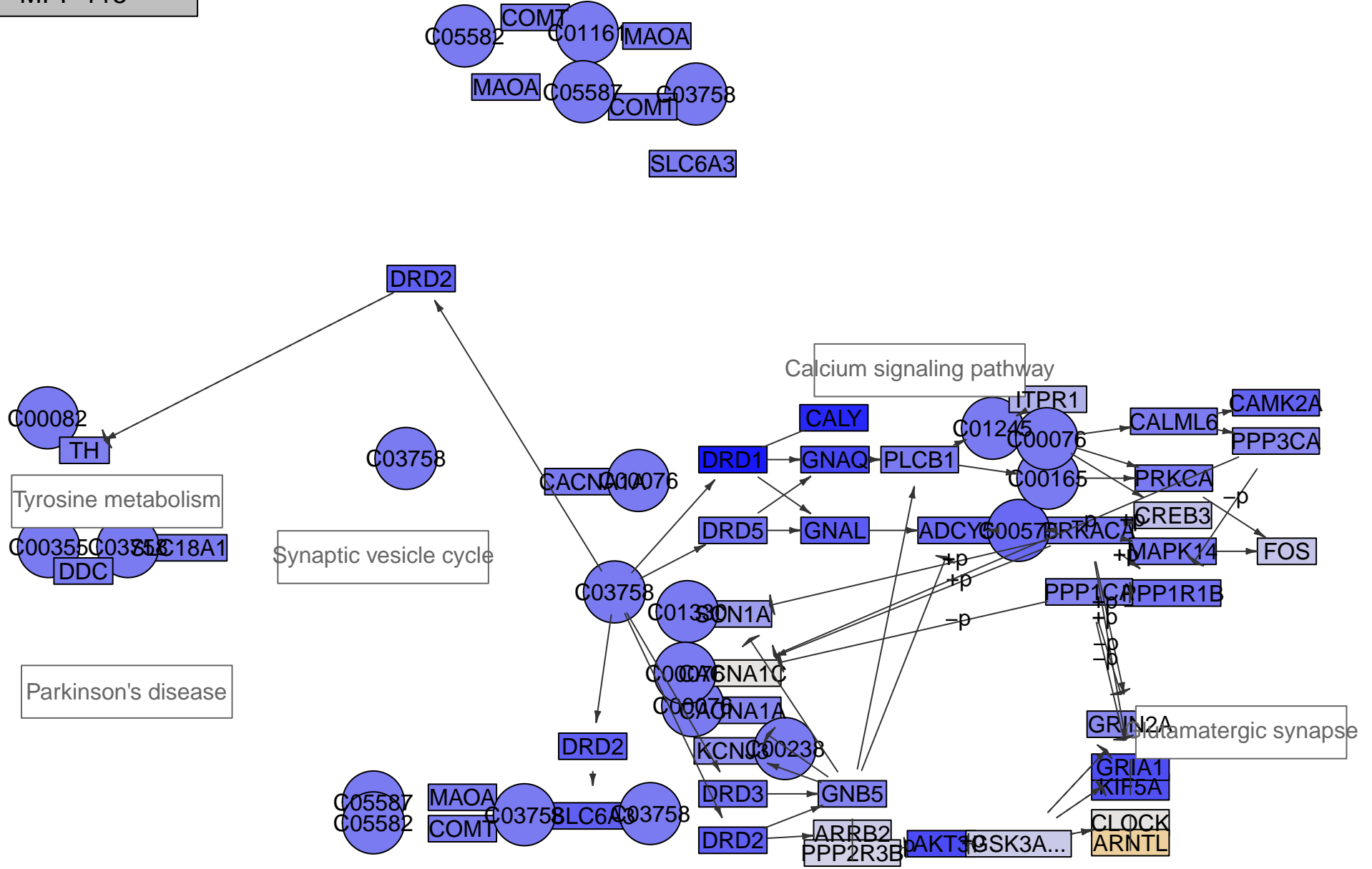
Parkinson's disease

Glutamatergic synapse

Dopaminergic synapse
MPI-113



Dopaminergic synapse
MPI-115



Synaptic vesicle cycle

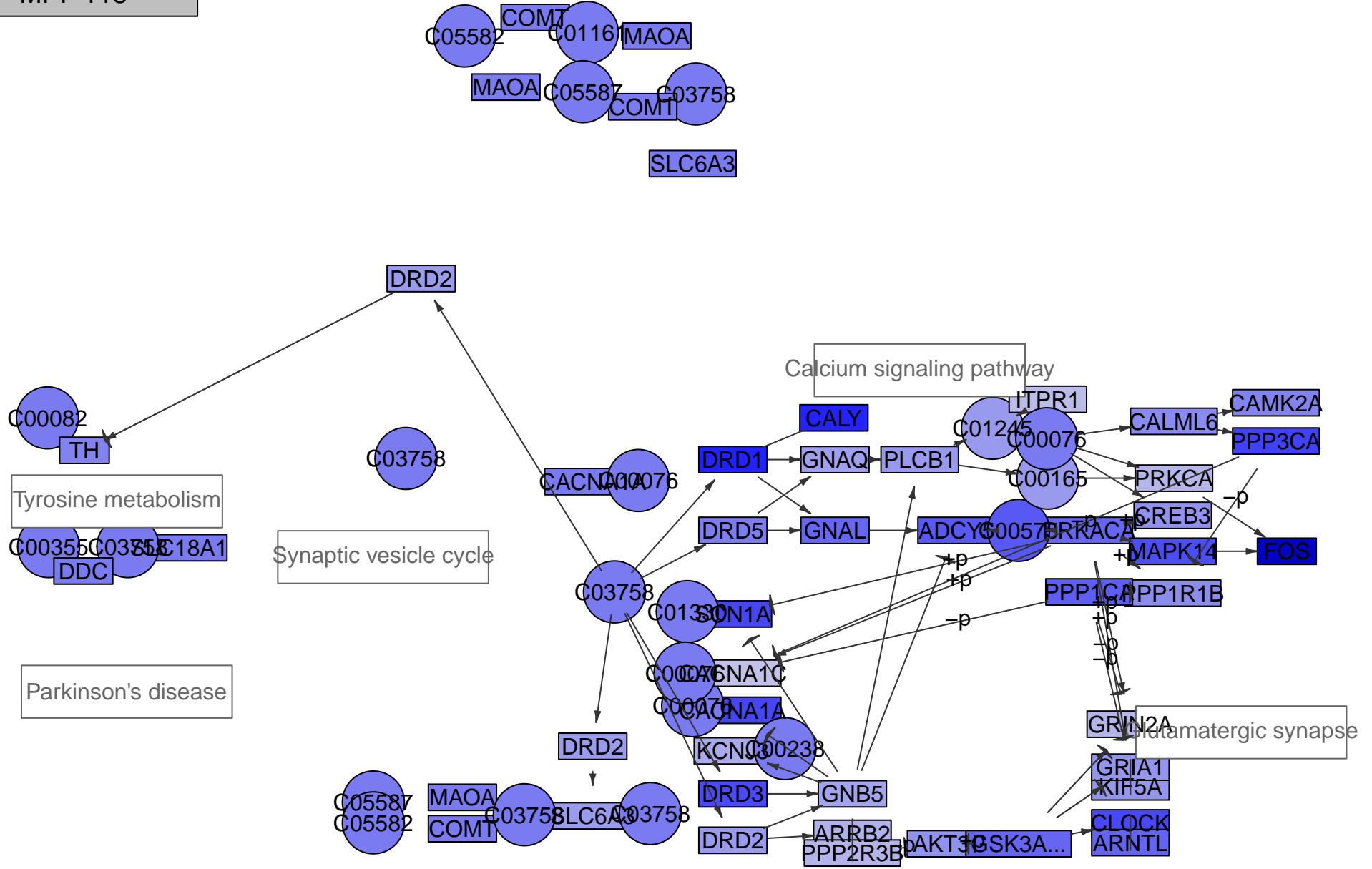
Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-118



Tyrosine metabolism
C00082 TH
C00355 DDC
C03758 18A1

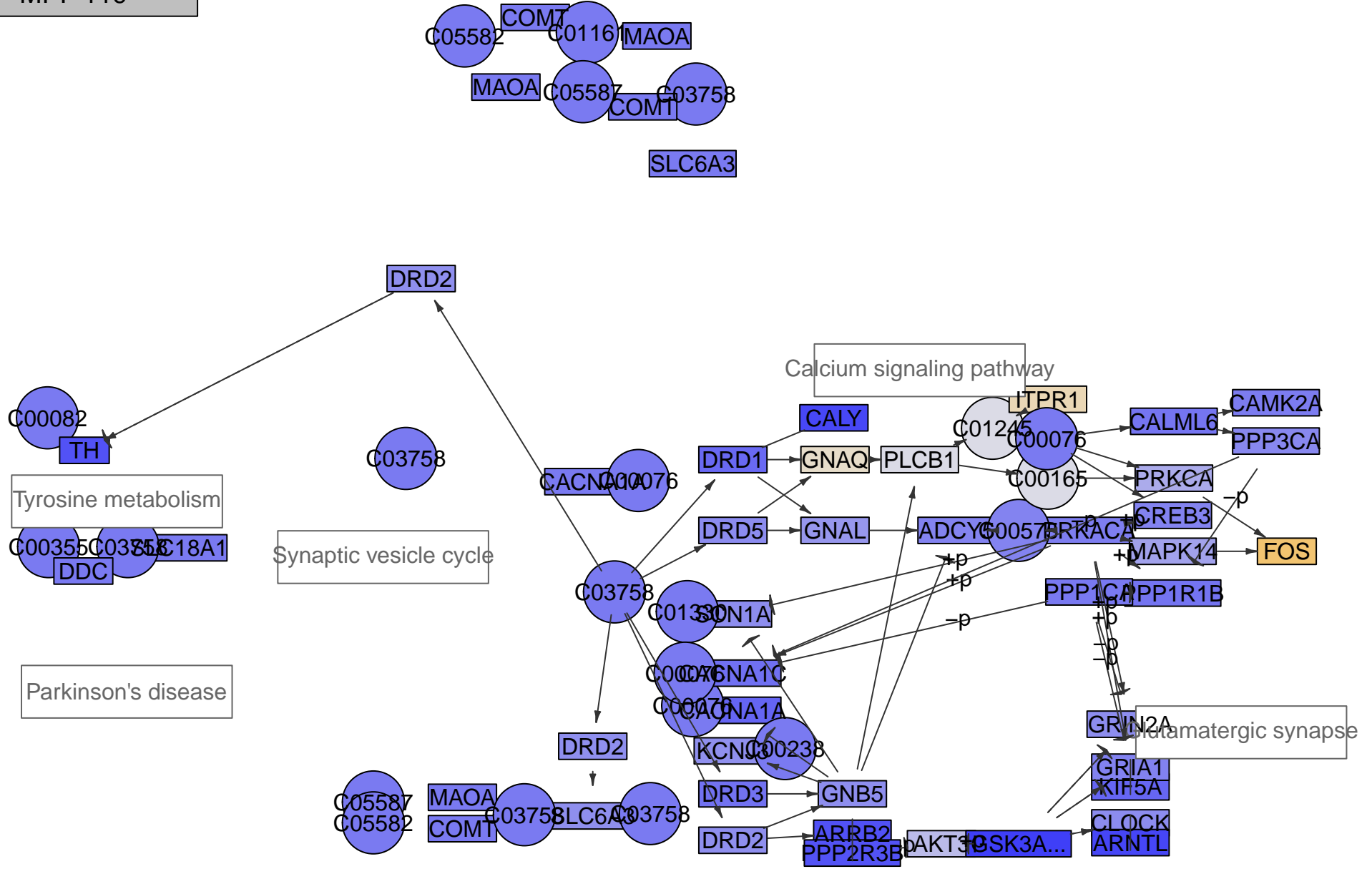
Synaptic vesicle cycle
CACNA1A
CACNA1B
CACNA1C
CACNA1A
KCNC3

Calcium signaling pathway
ITPR1
CALML6
CAMK2A
PPP3CA

Parkinson's disease
MAOA
COMT
SLC6A3
DRD2

Dopaminergic synapse
GRIA1
KIF5A
CLOCK
ARNTL

Dopaminergic synapse
MPI-119



Tyrosine metabolism

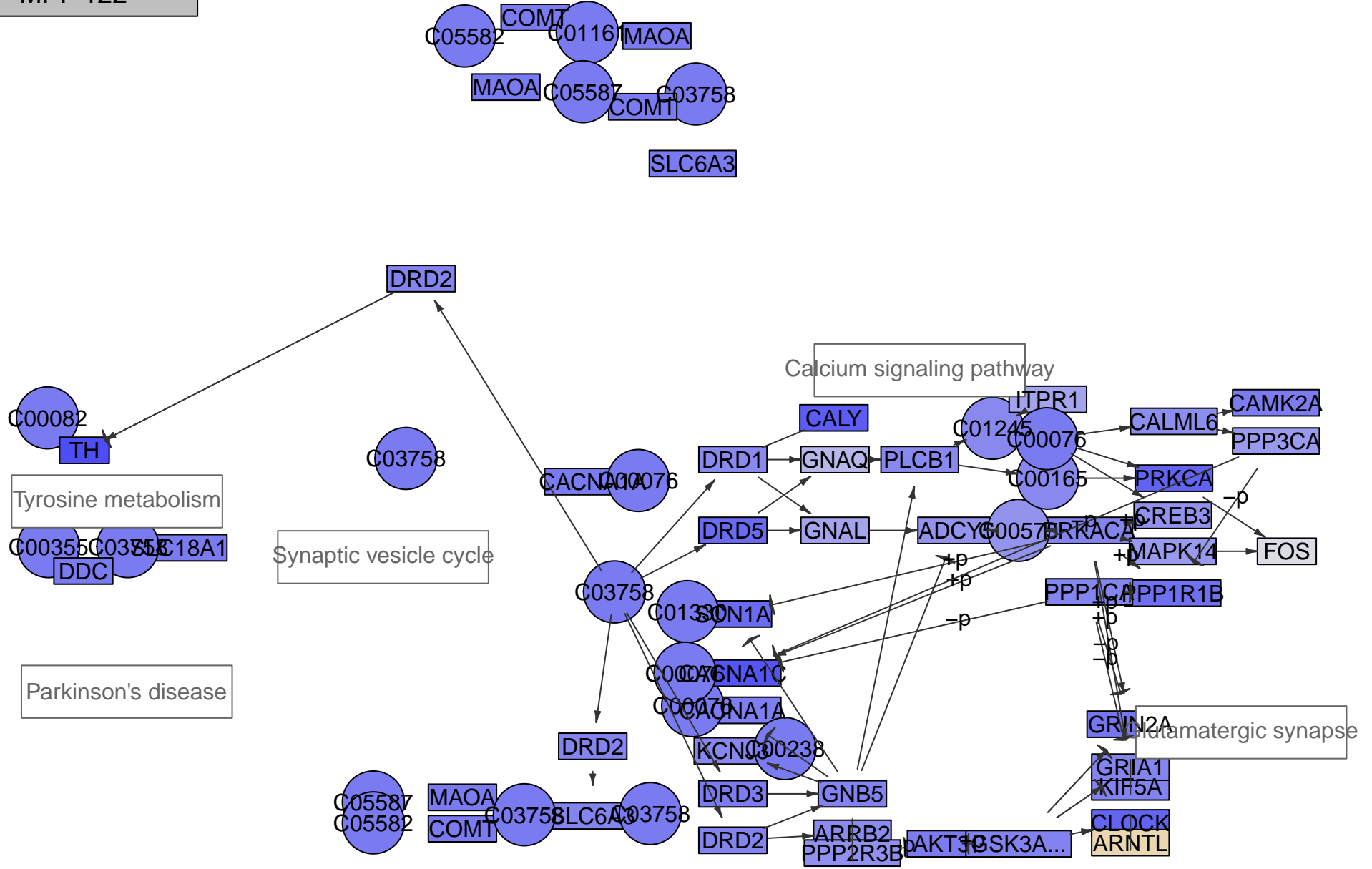
Synaptic vesicle cycle

Calcium signaling pathway

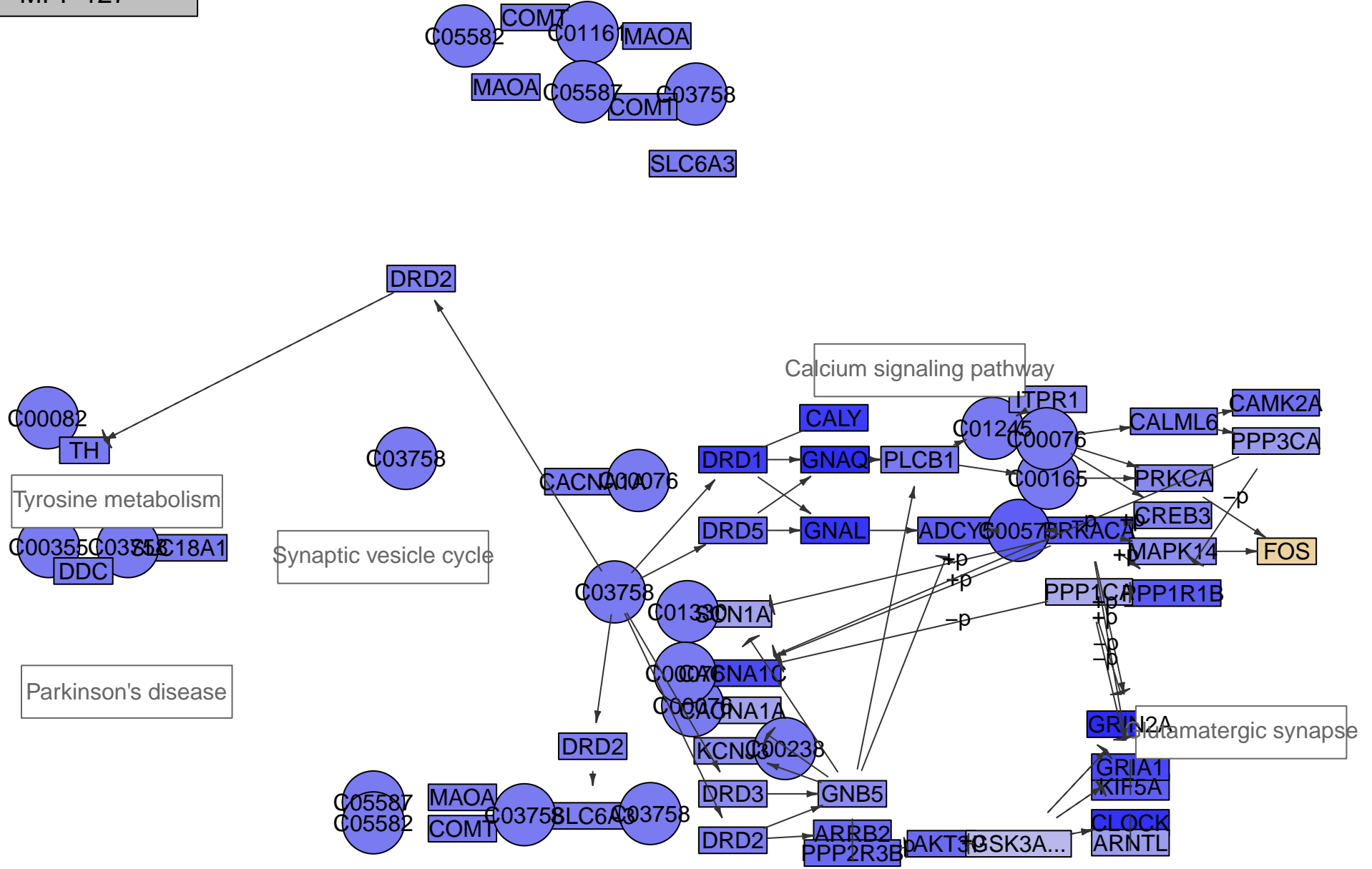
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-122



Dopaminergic synapse
MPI-127



Tyrosine metabolism
C00355 C03758 C18A1
DDC

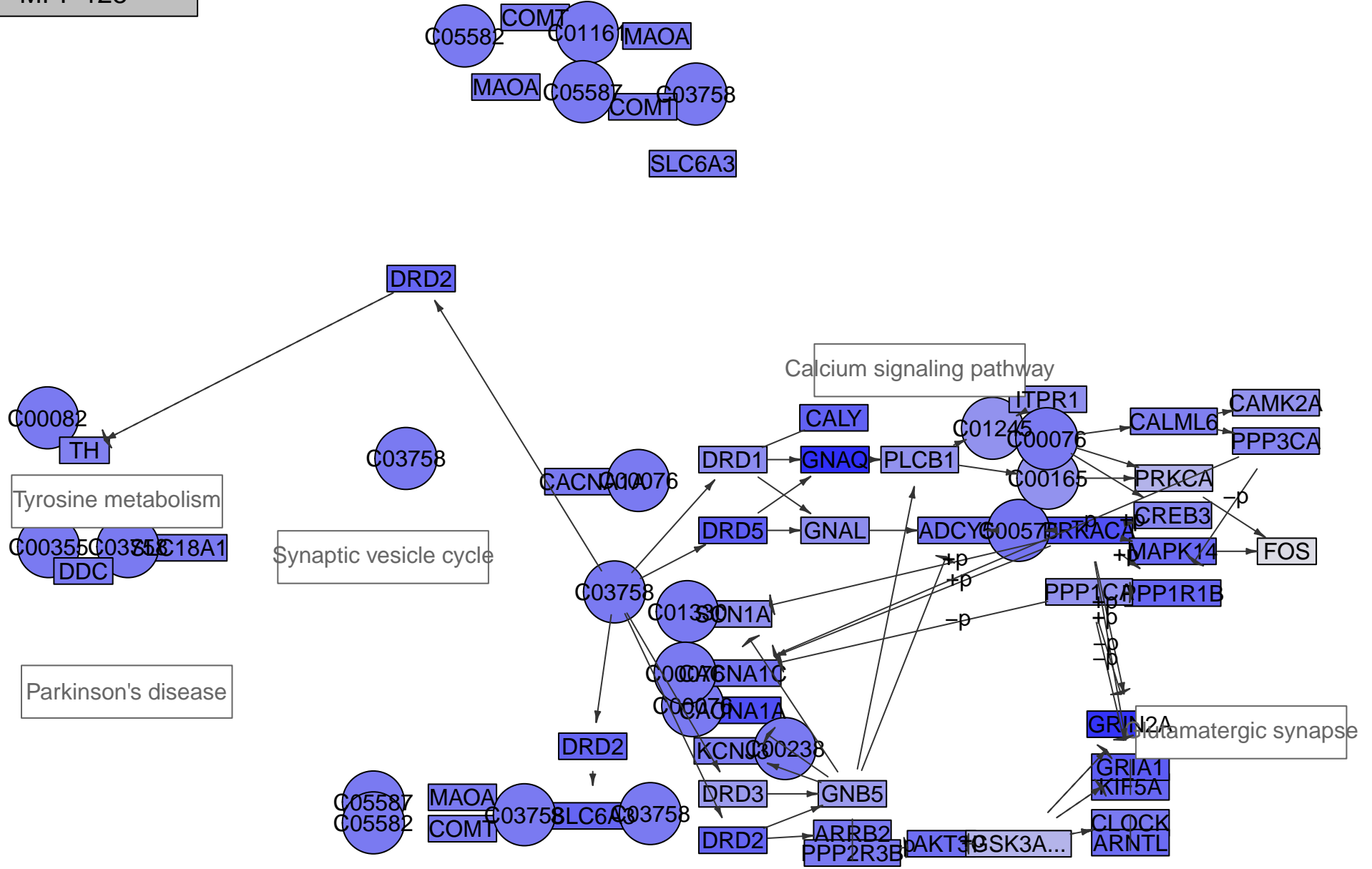
Synaptic vesicle cycle
C03758 C0130 C0076 C0076 C0076 C0076

Calcium signaling pathway
C01245 C00076 C00165 CALML6 CAMK2A PPP3CA PRKCA CREB3 MAPK14 FOS

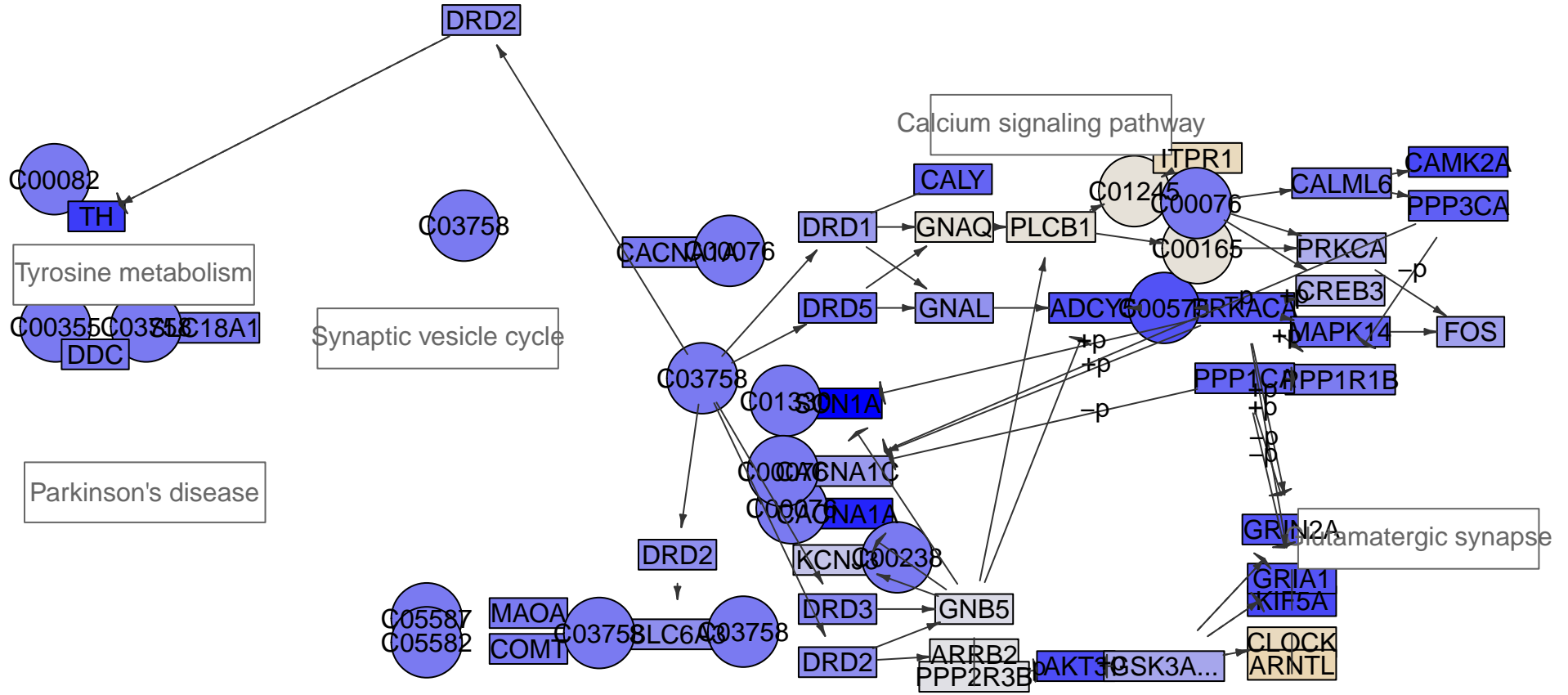
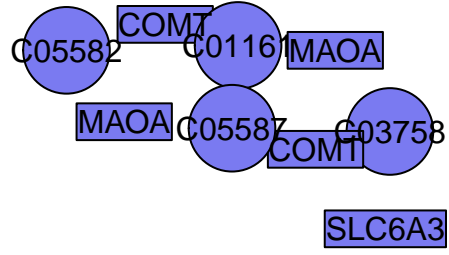
Glutamatergic synapse
GRIN2A GRIA1 KIF5A CLOCK ARNTL

Parkinson's disease

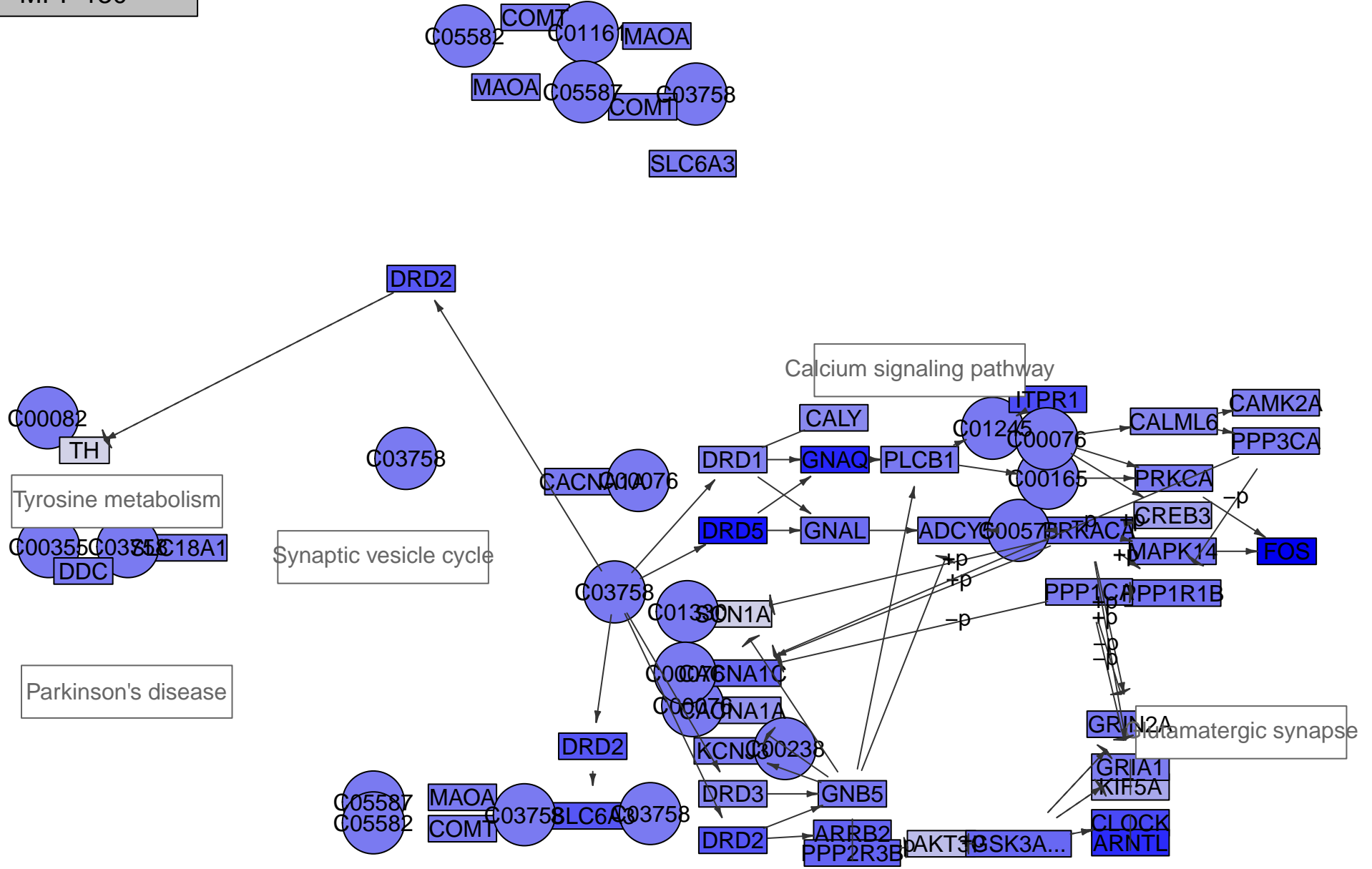
Dopaminergic synapse
MPI-128



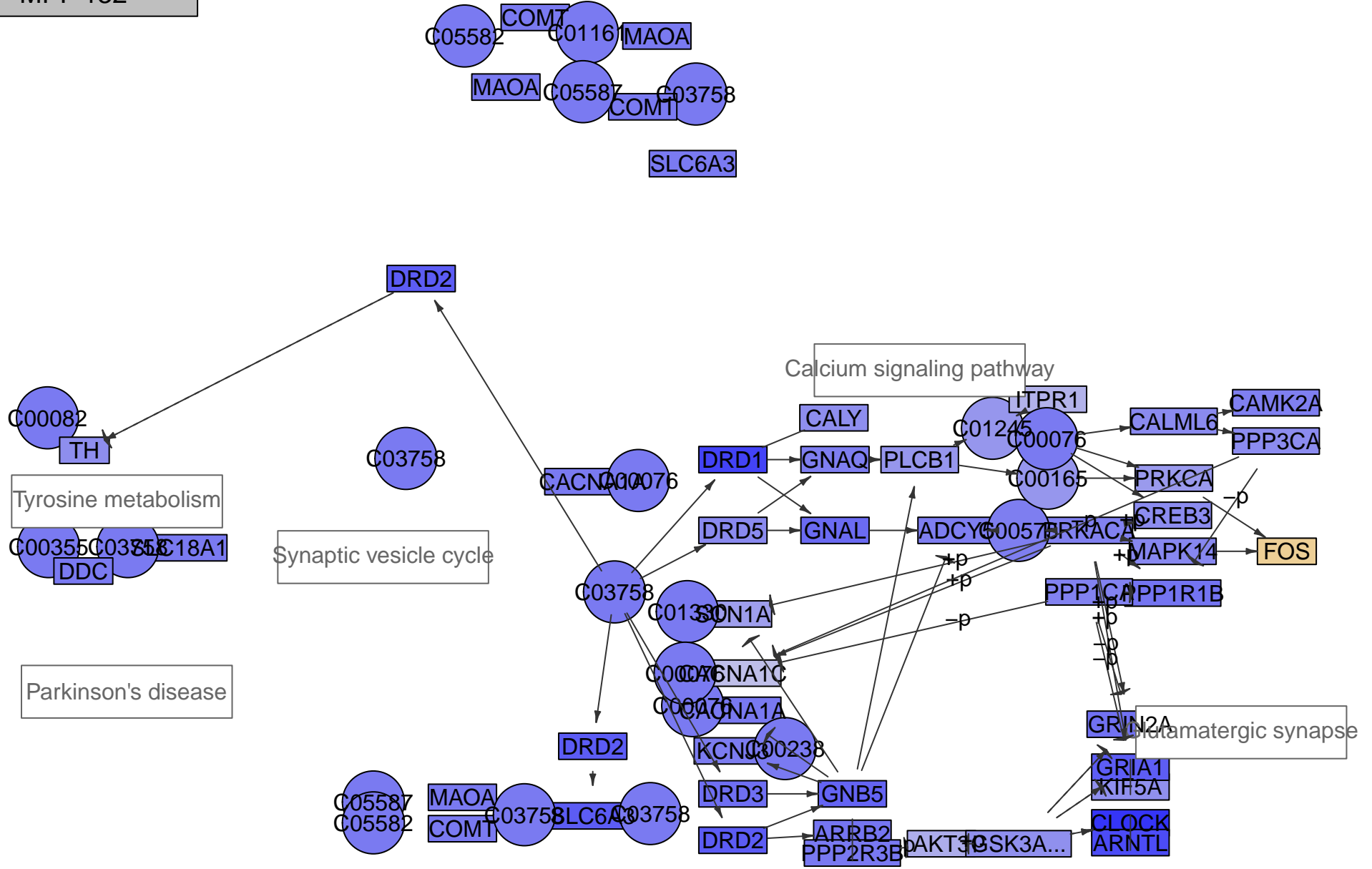
Dopaminergic synapse
MPI-129



Dopaminergic synapse
MPI-130



Dopaminergic synapse
MPI-132



Synaptic vesicle cycle

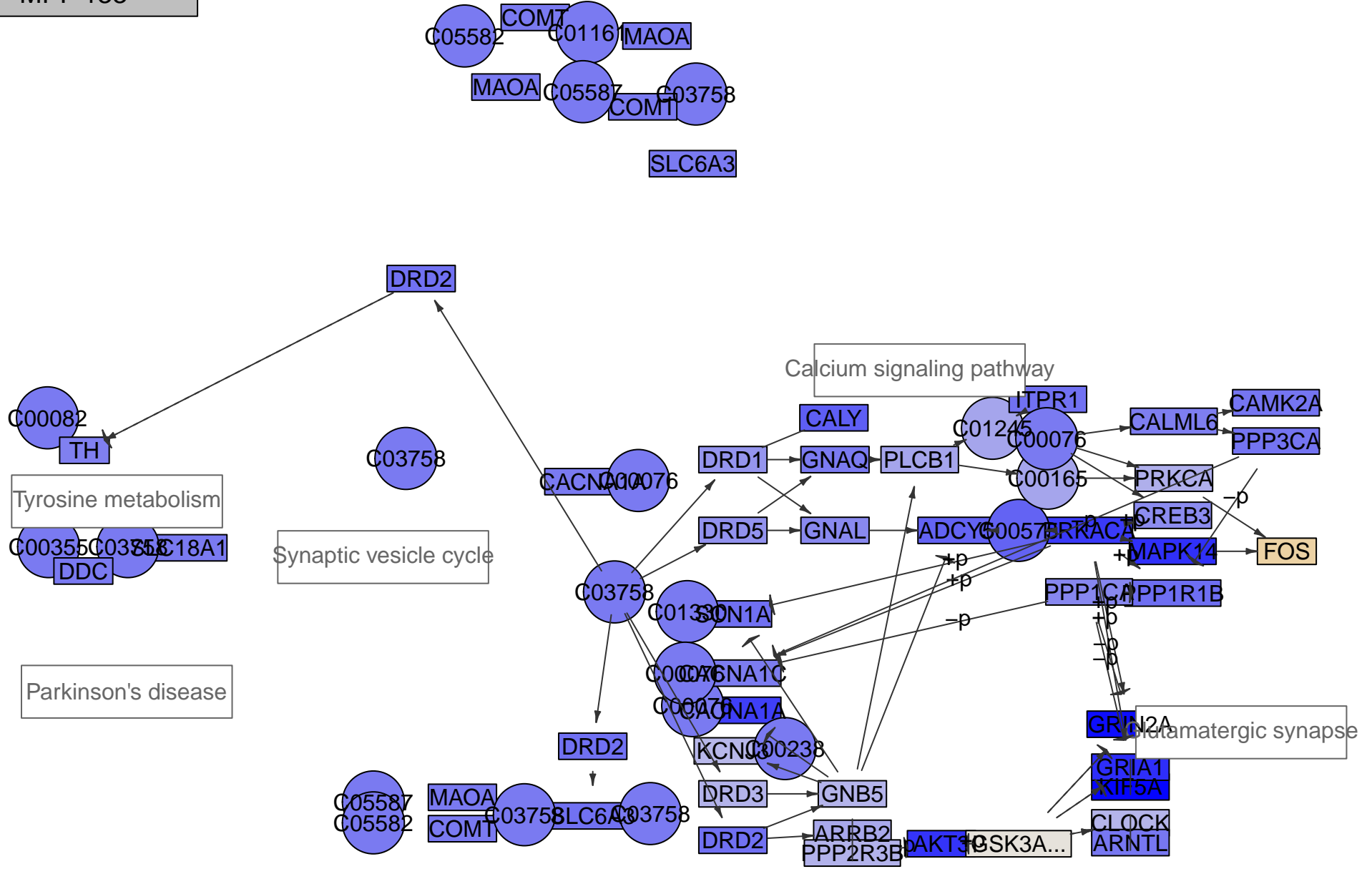
Calcium signaling pathway

Tyrosine metabolism

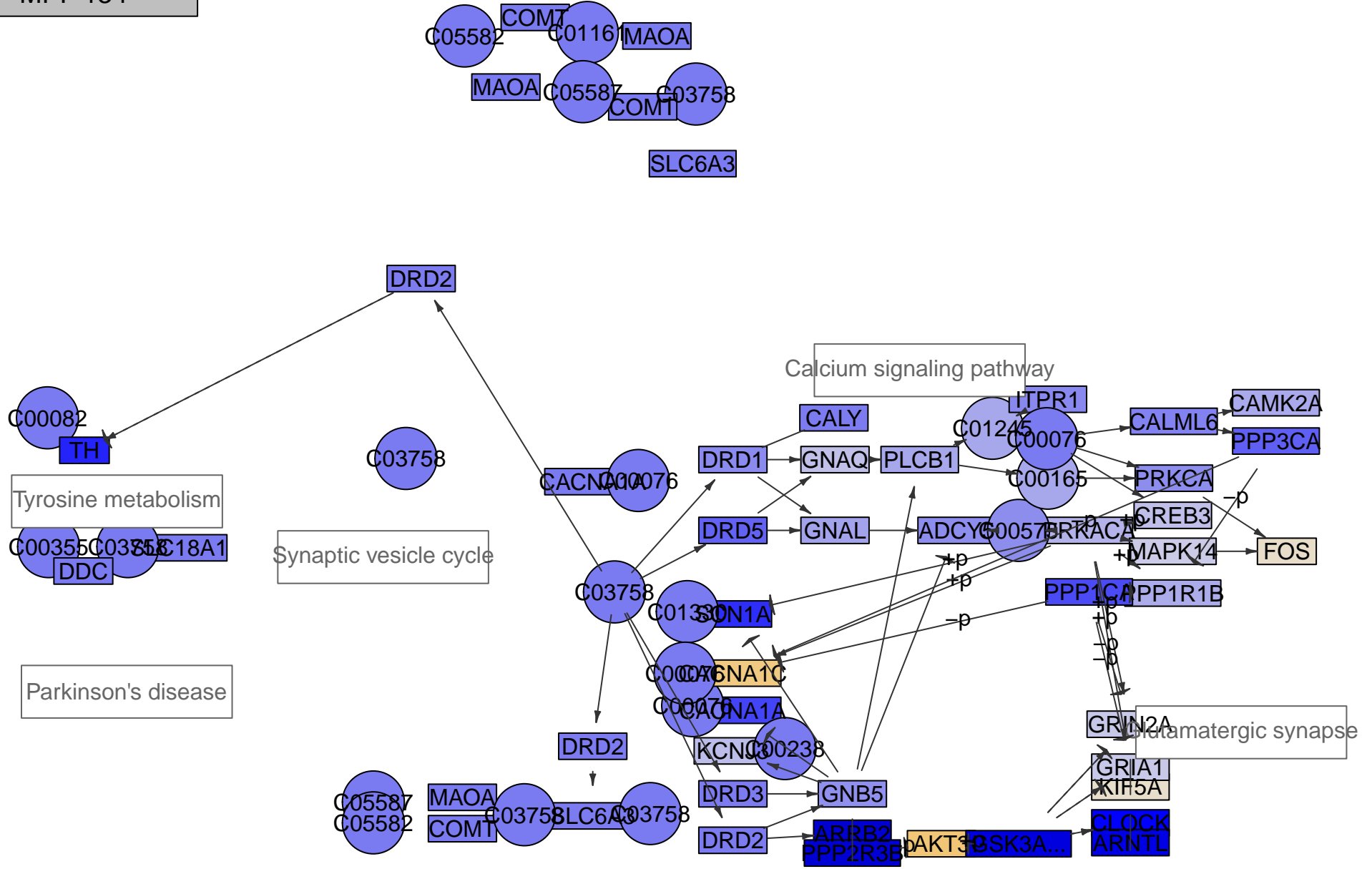
Parkinson's disease

Dopaminergic synapse

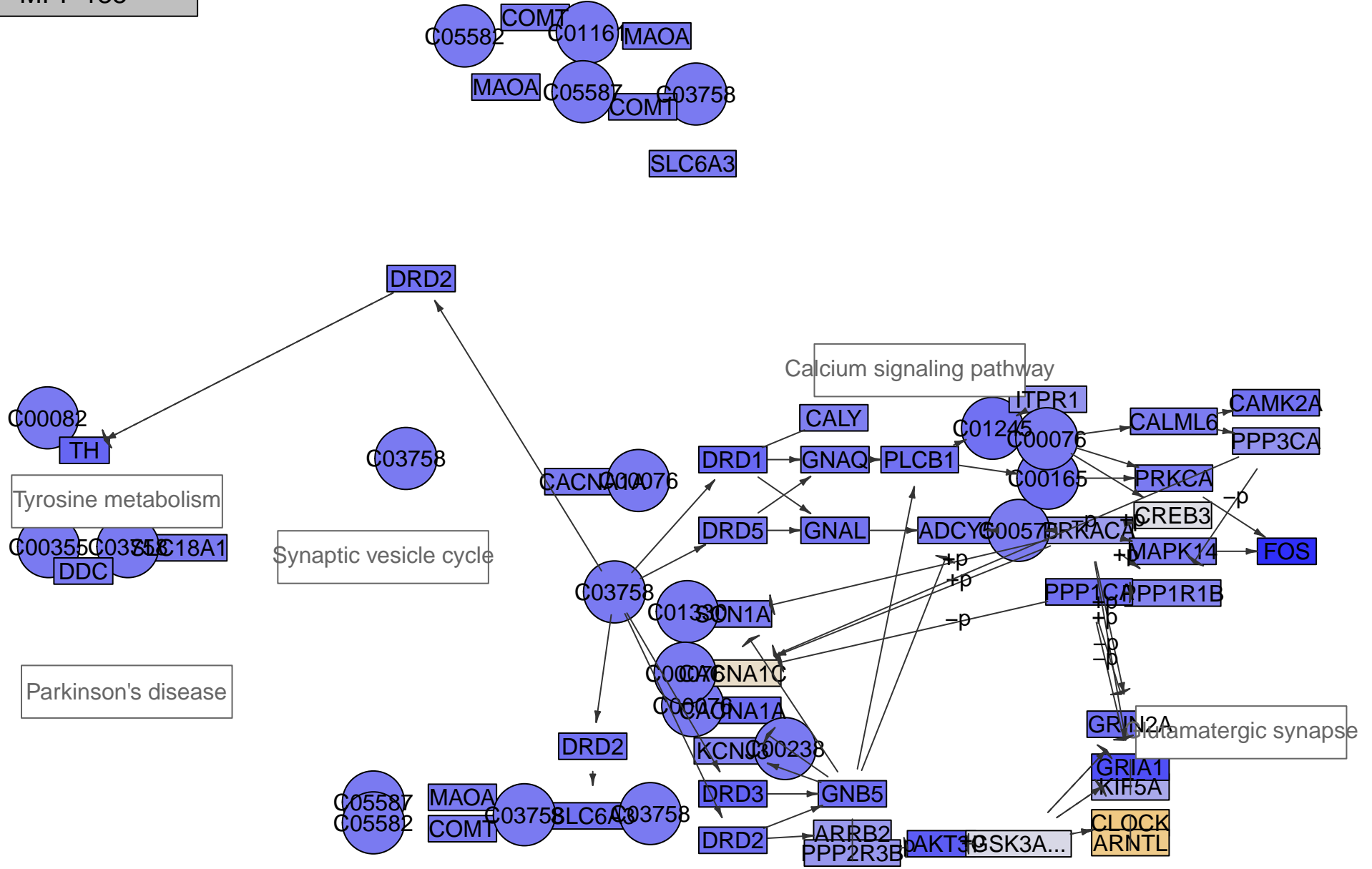
Dopaminergic synapse
MPI-133



Dopaminergic synapse
MPI-134



Dopaminergic synapse
MPI-135



Tyrosine metabolism

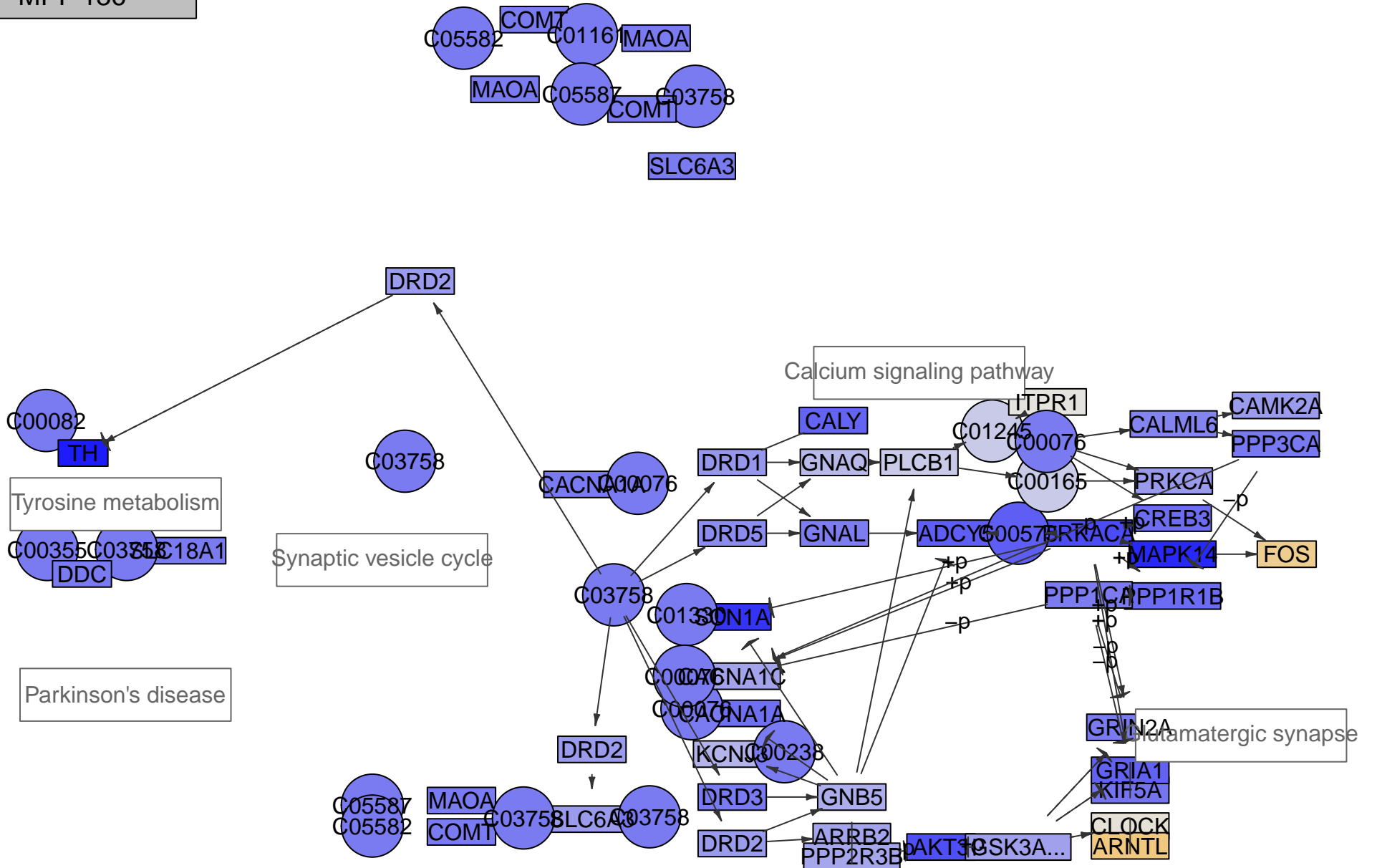
Synaptic vesicle cycle

Calcium signaling pathway

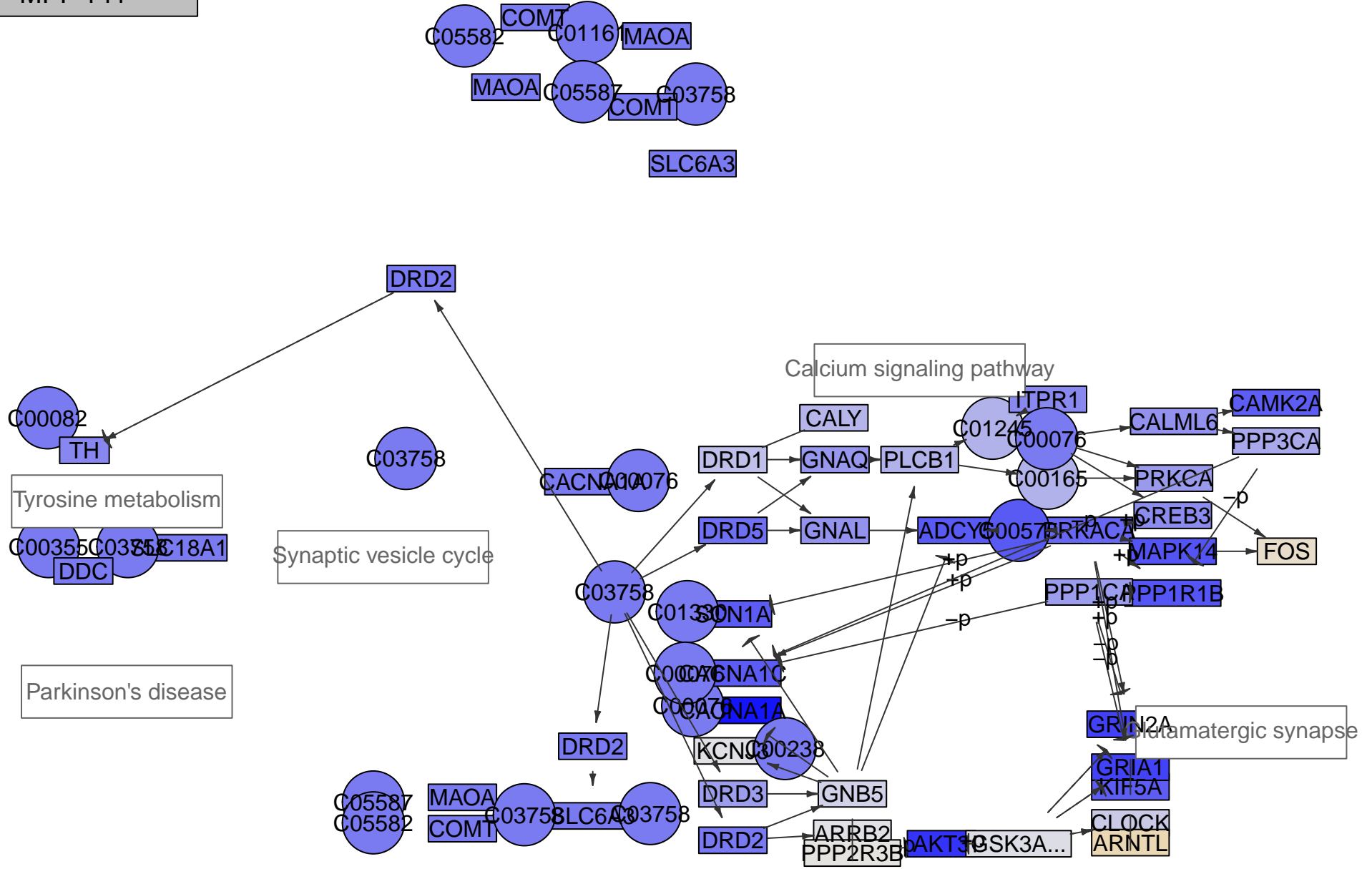
Dopaminergic synapse

Parkinson's disease

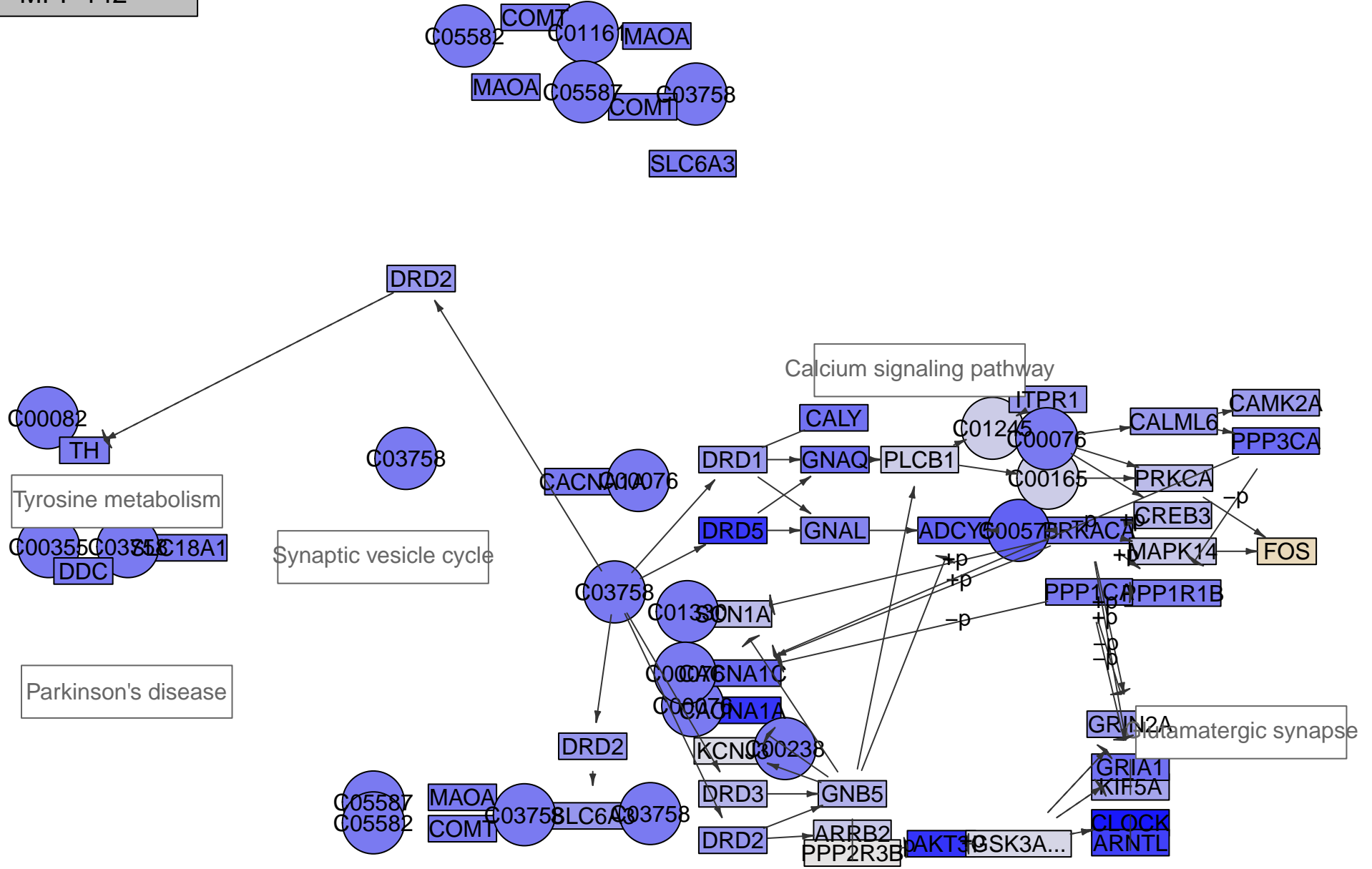
Dopaminergic synapse
MPI-136



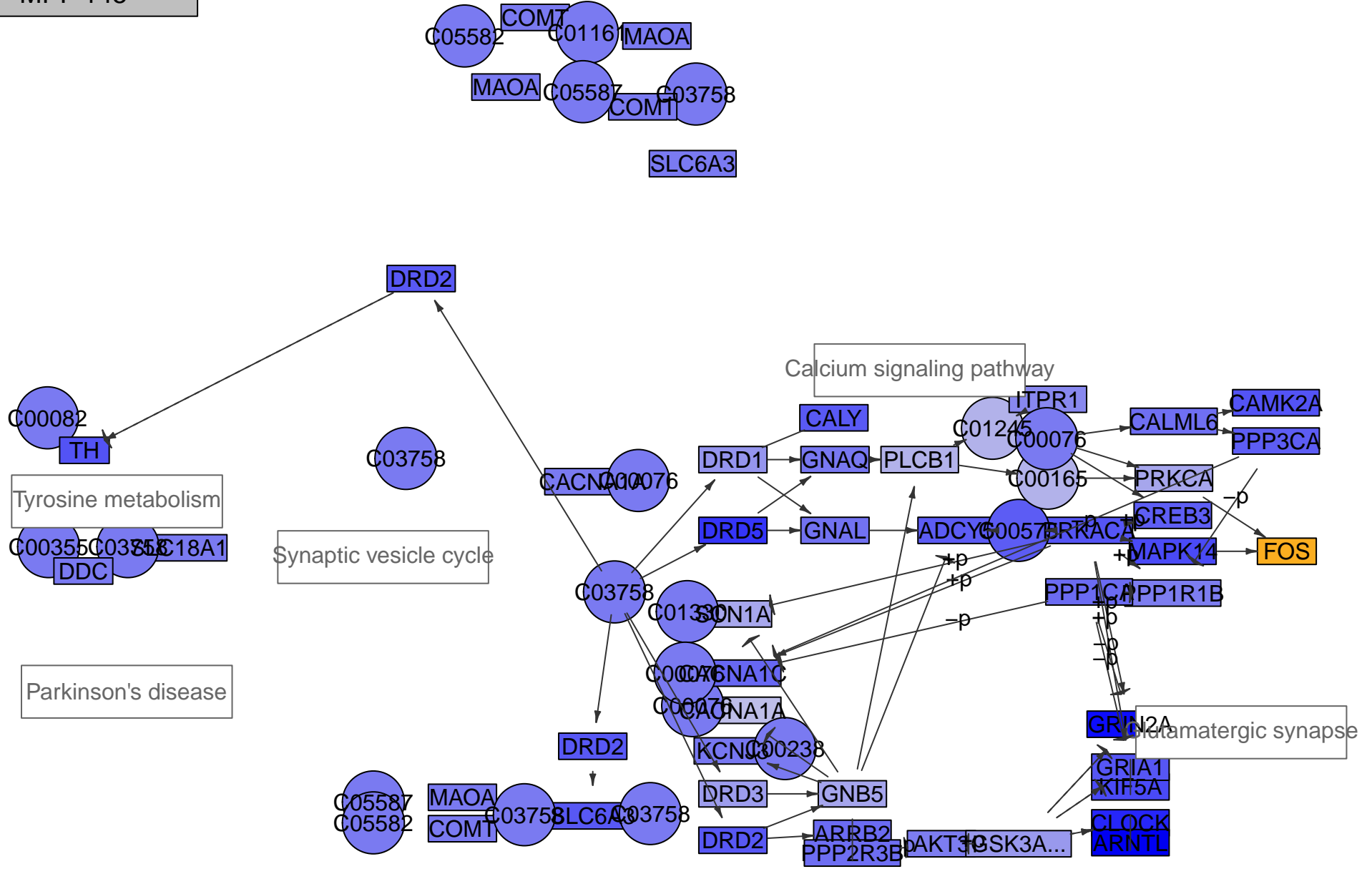
Dopaminergic synapse
MPI-141



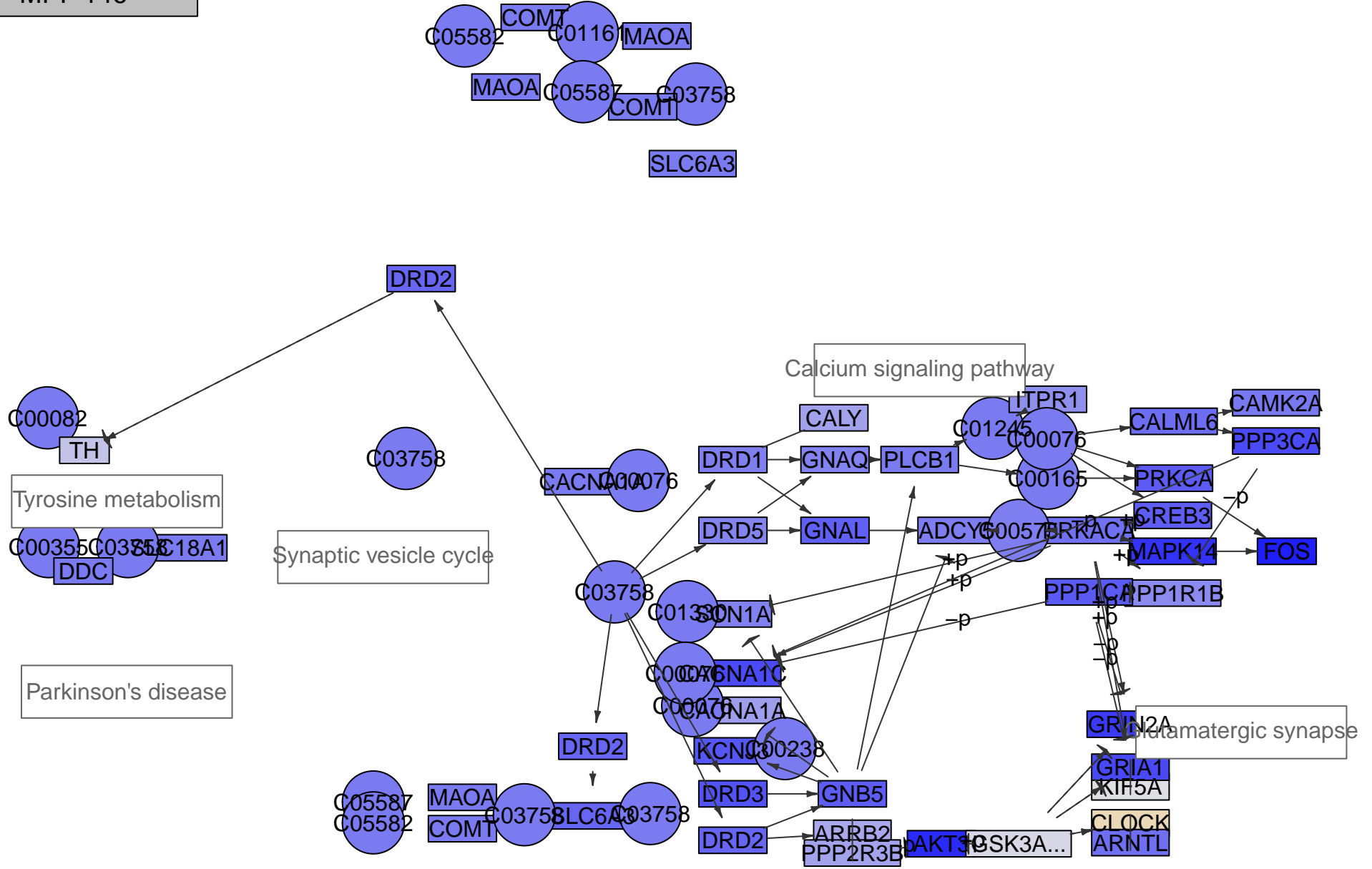
Dopaminergic synapse
MPI-142



Dopaminergic synapse
MPI-145



Dopaminergic synapse
MPI-146



Synaptic vesicle cycle

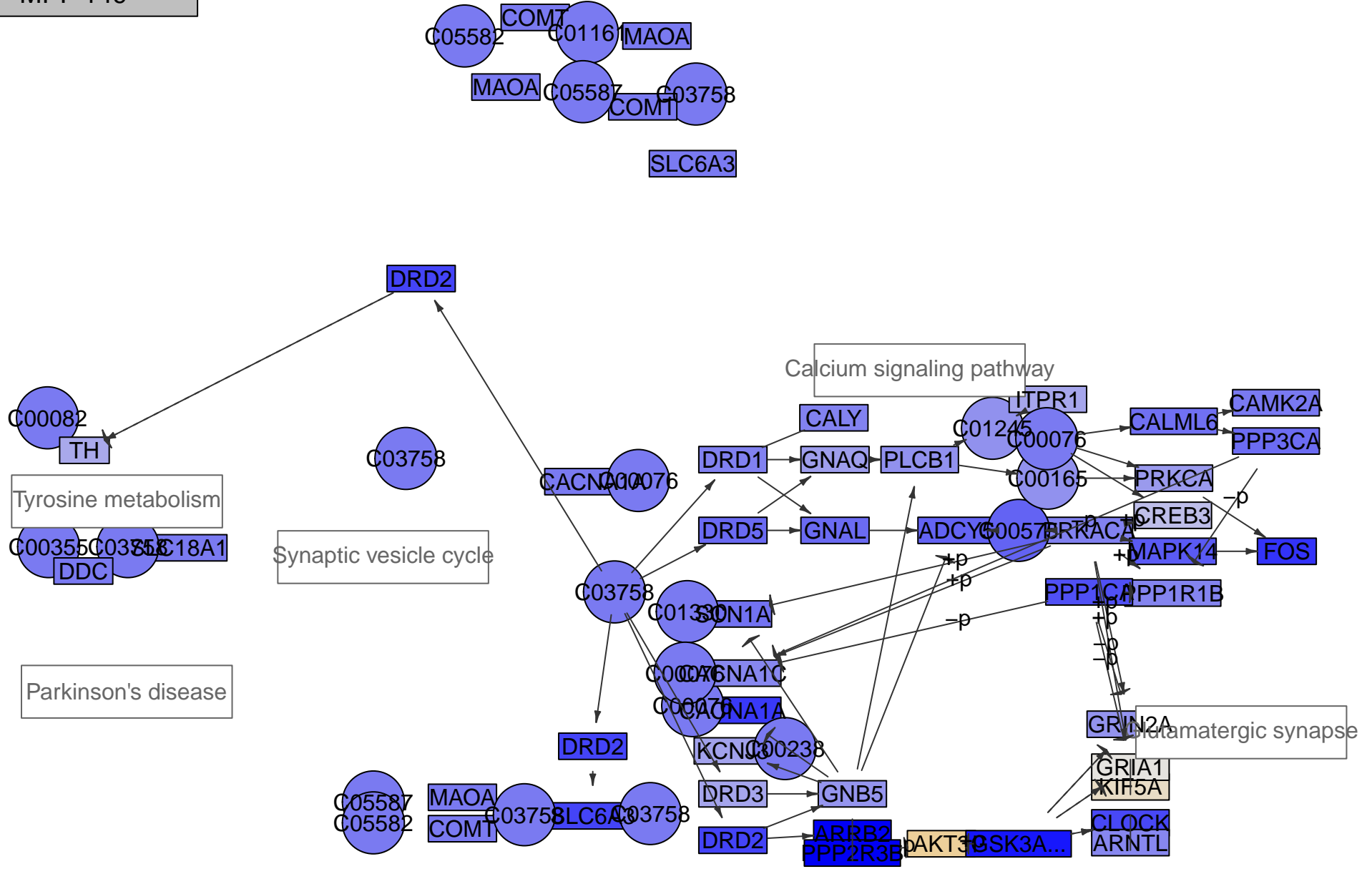
Calcium signaling pathway

Dopaminergic synapse

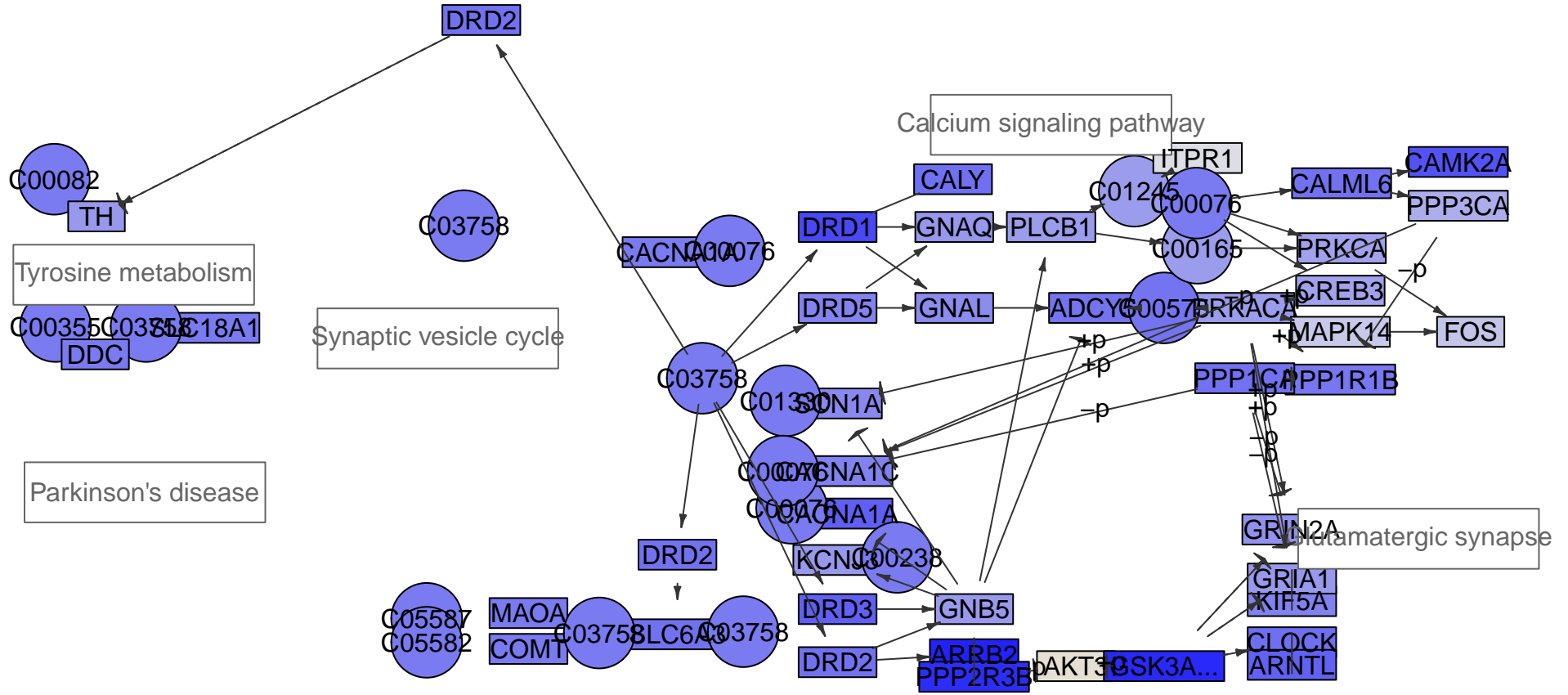
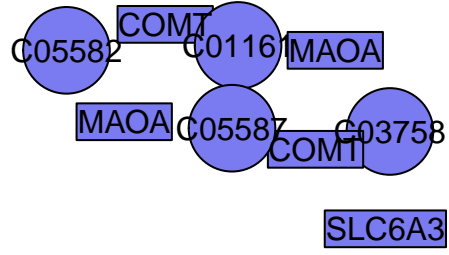
Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-149



Dopaminergic synapse
MPI-150



Calcium signaling pathway

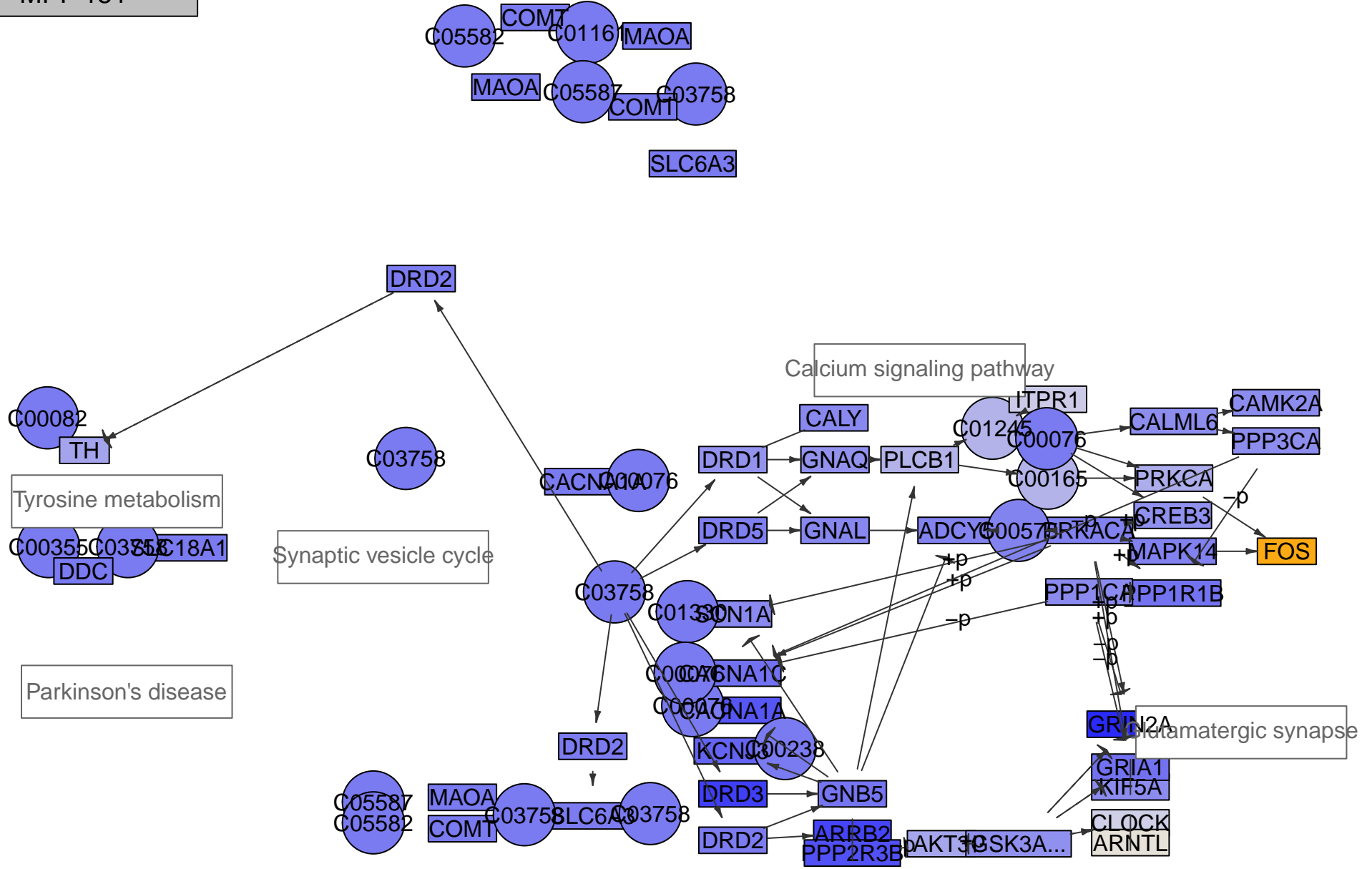
Tyrosine metabolism

Synaptic vesicle cycle

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-151



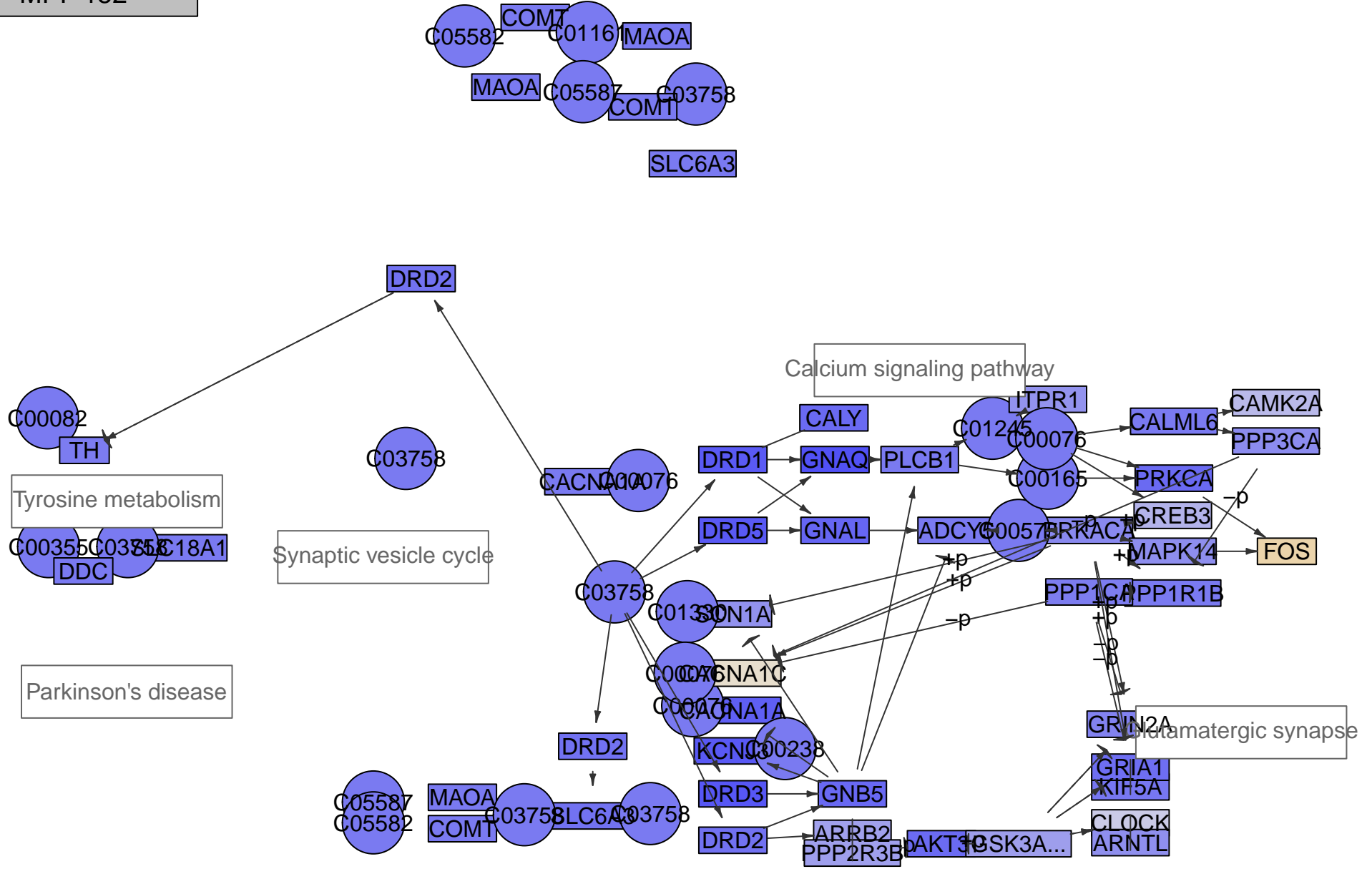
Parkinson's disease

Synaptic vesicle cycle

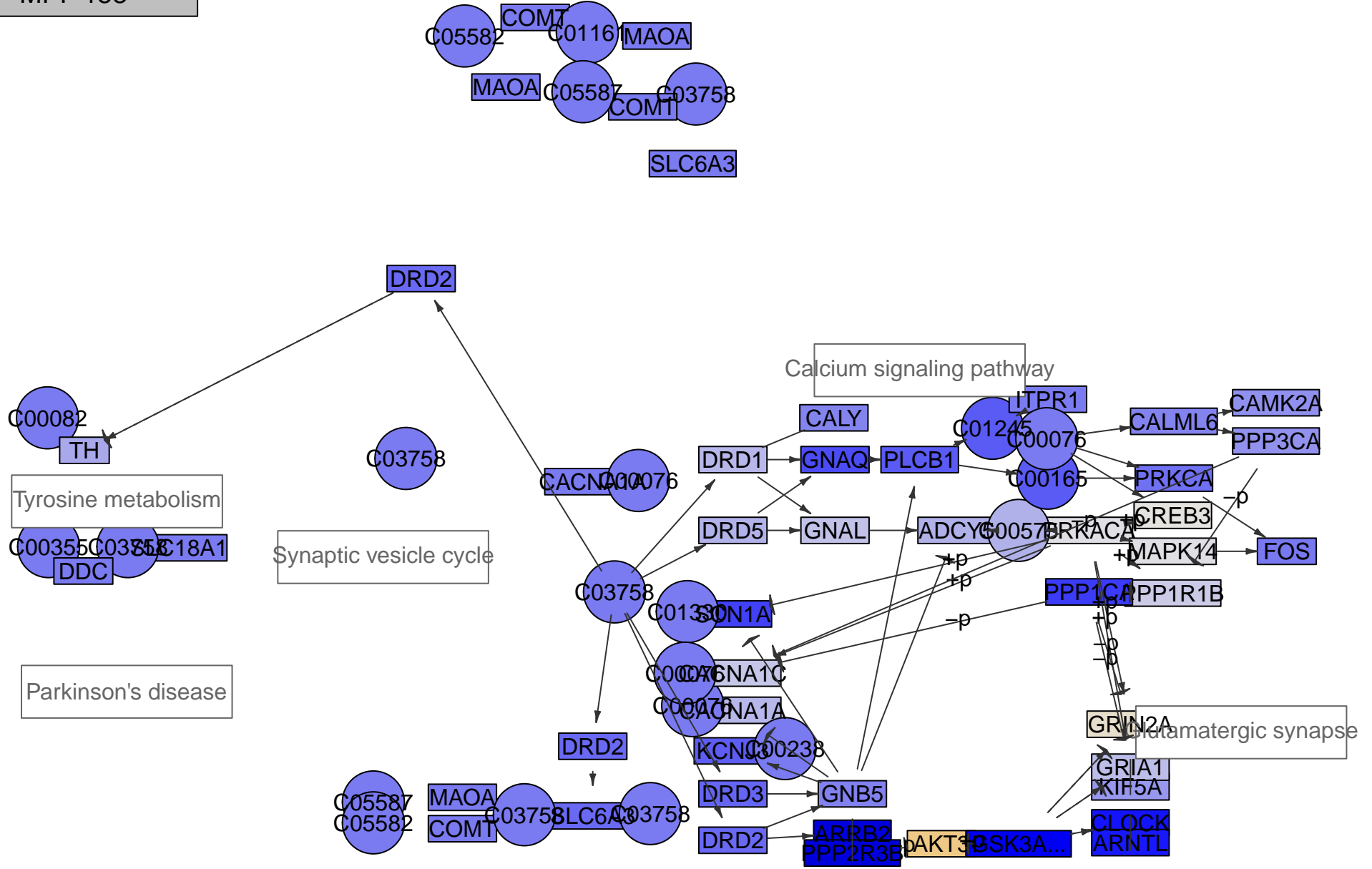
Calcium signaling pathway

Dopaminergic synapse

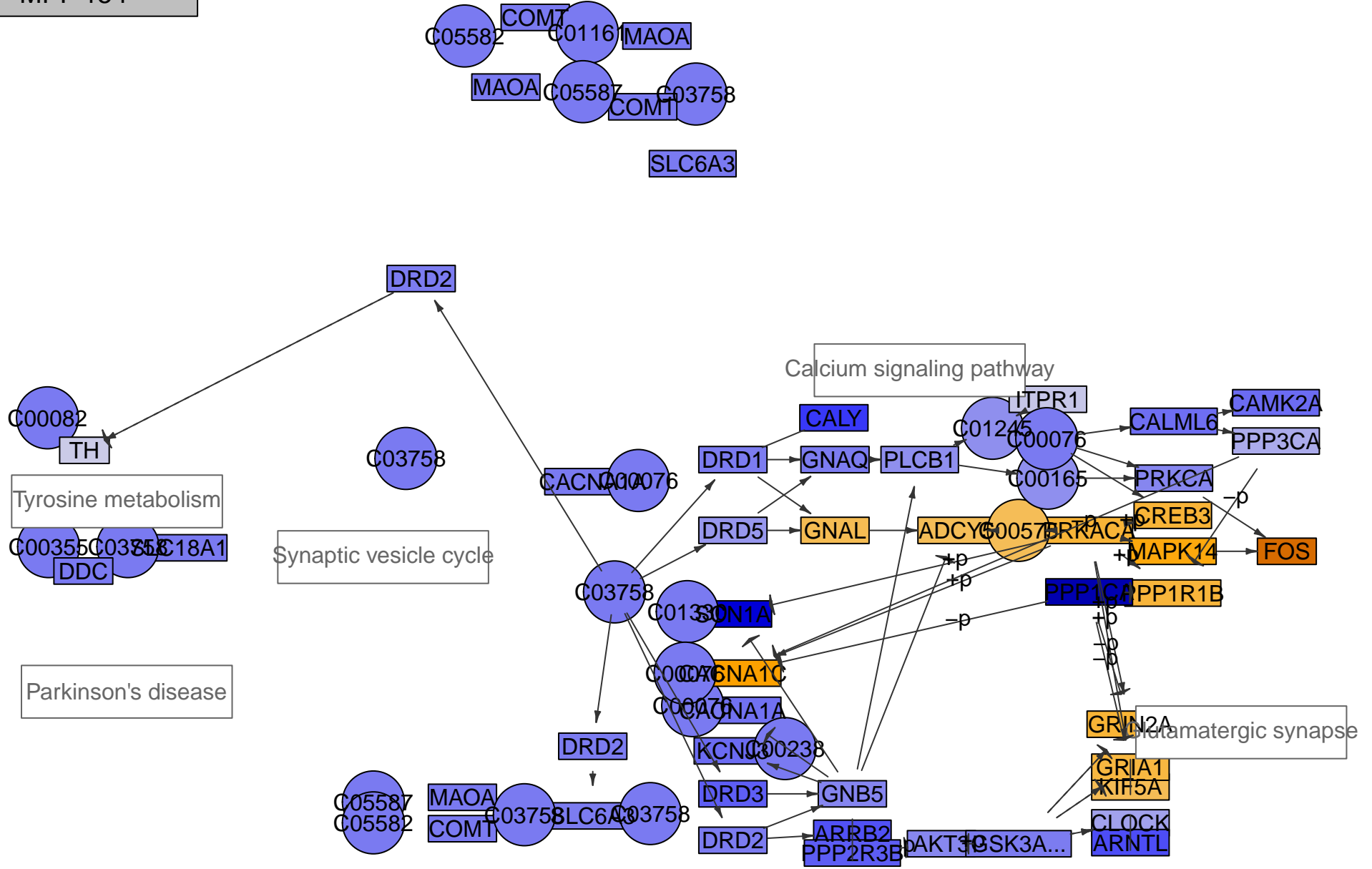
Dopaminergic synapse
MPI-152



Dopaminergic synapse
MPI-153



Dopaminergic synapse
MPI-154



Tyrosine metabolism
C00355
C0355
C18A1
DDC

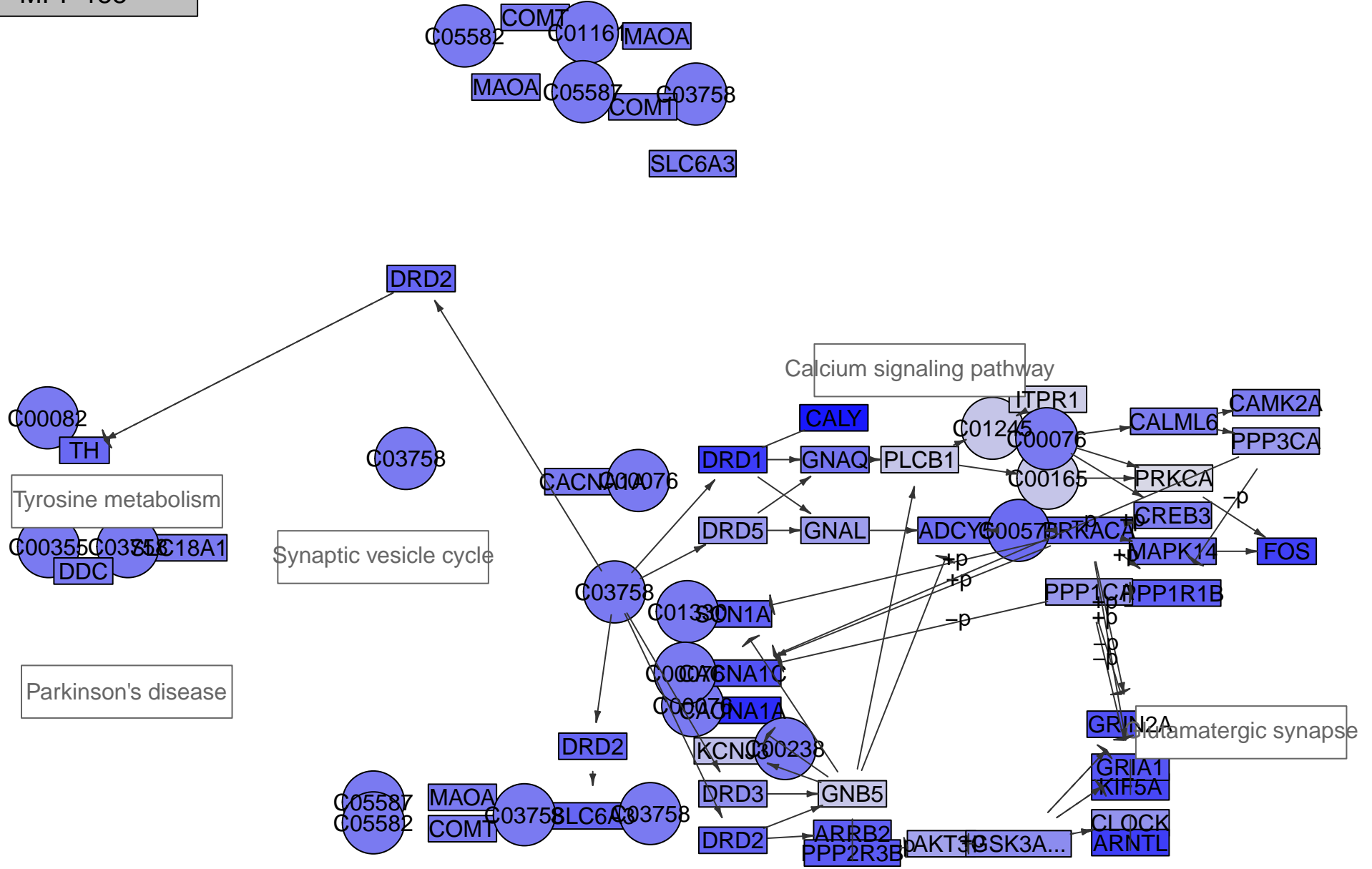
Synaptic vesicle cycle

Parkinson's disease

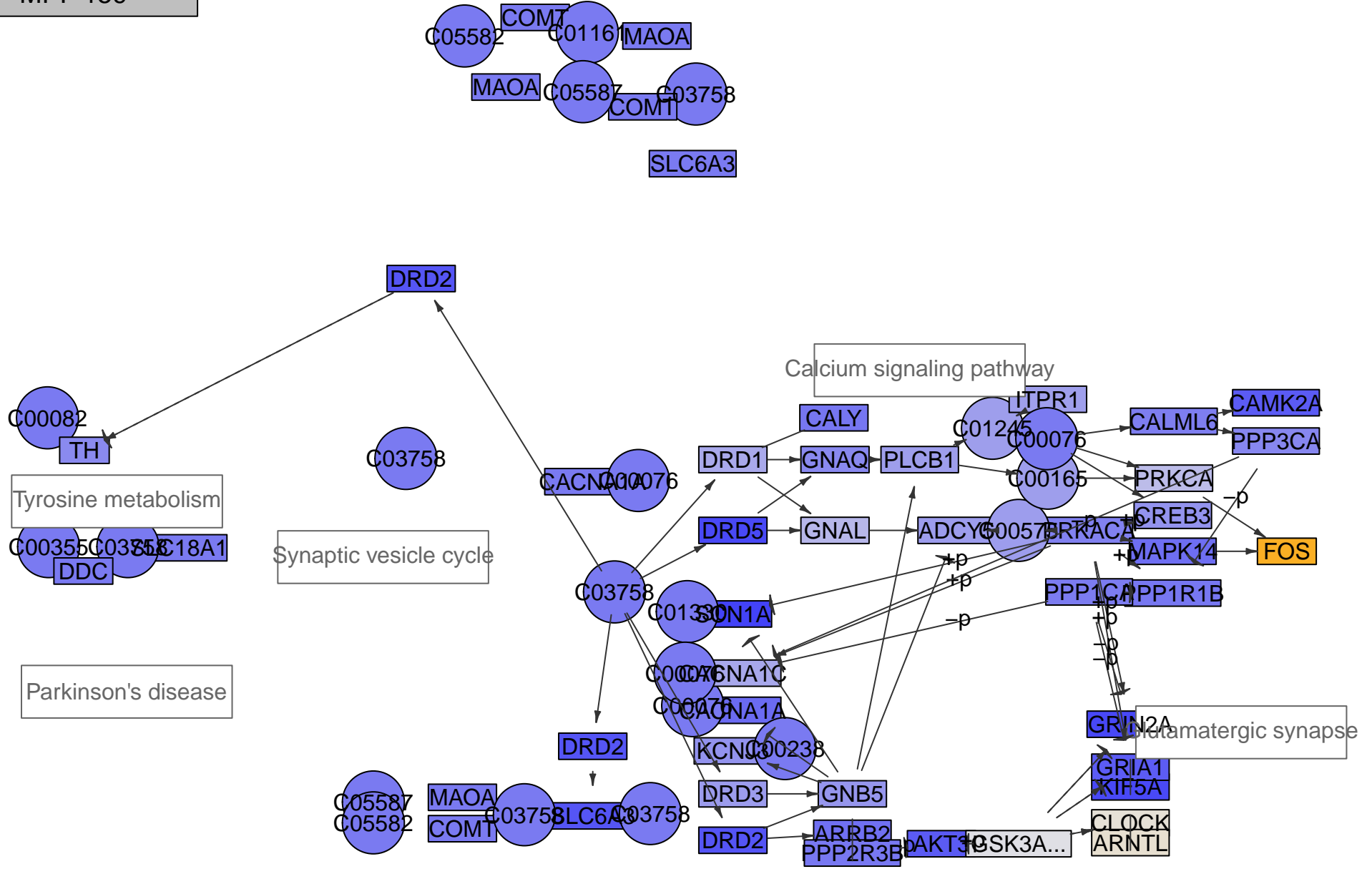
Calcium signaling pathway

Dopaminergic synapse

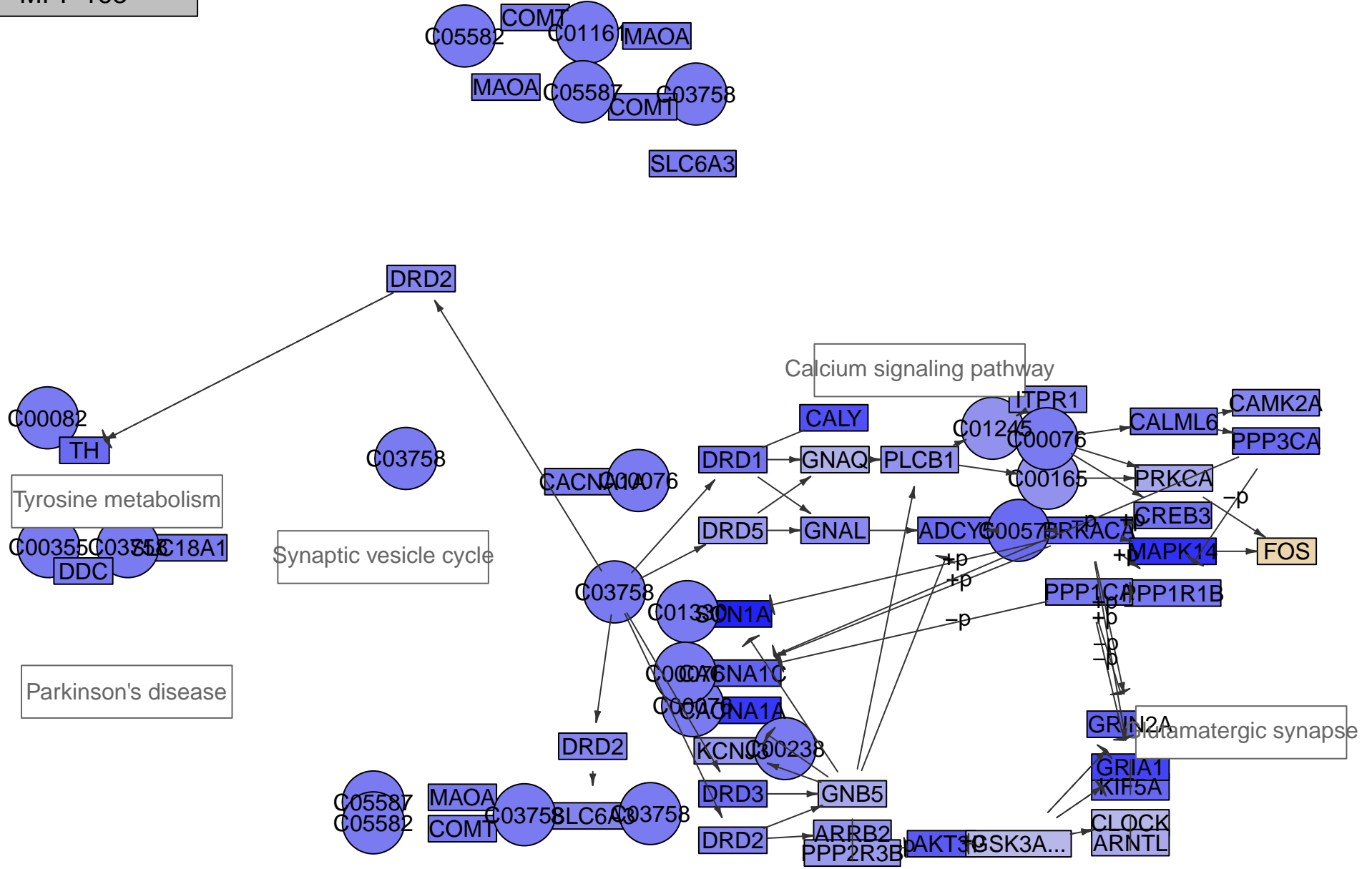
Dopaminergic synapse
MPI-155



Dopaminergic synapse
MPI-159



Dopaminergic synapse
MPI-163



Synaptic vesicle cycle

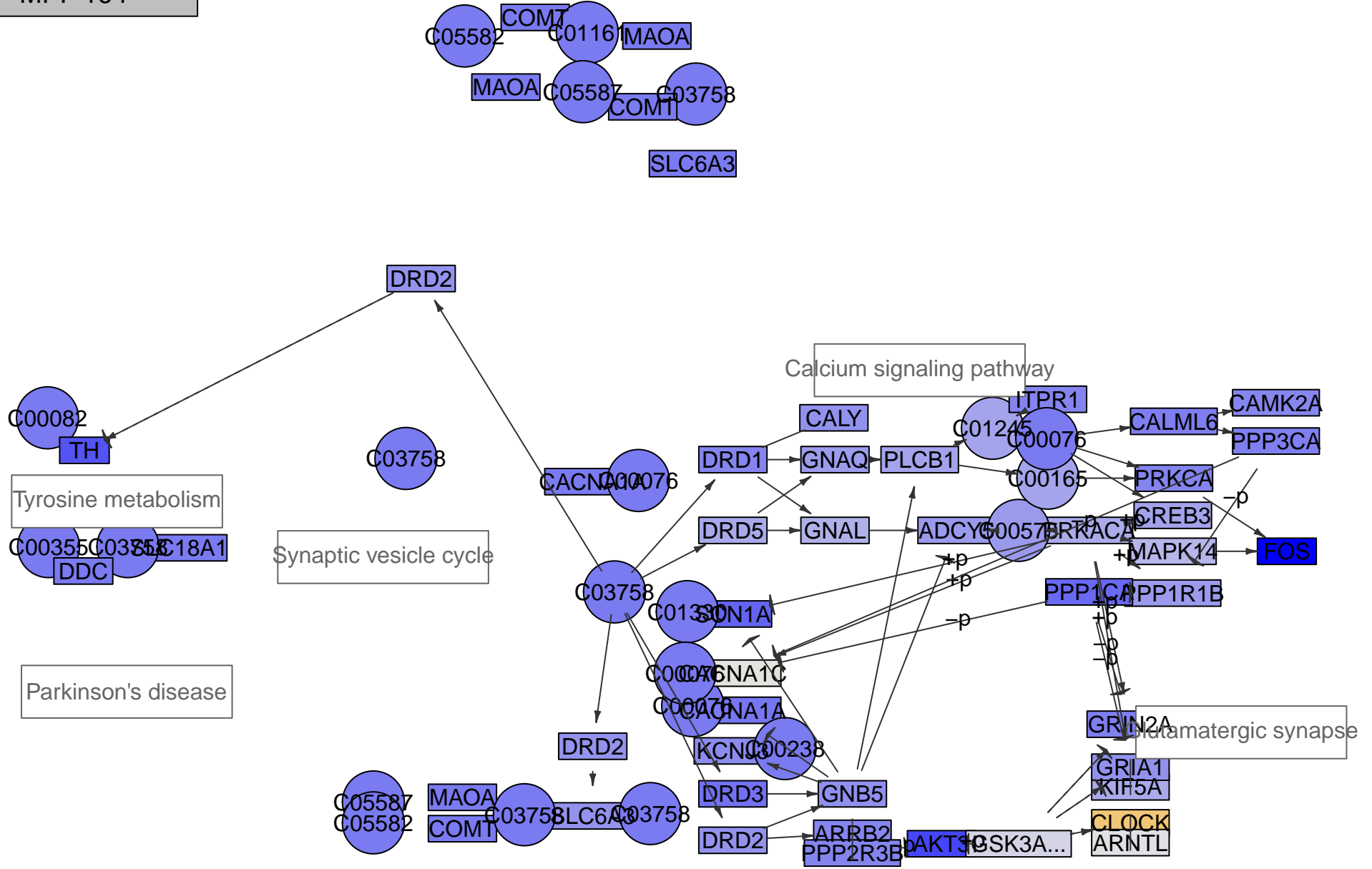
Calcium signaling pathway

Tyrosine metabolism

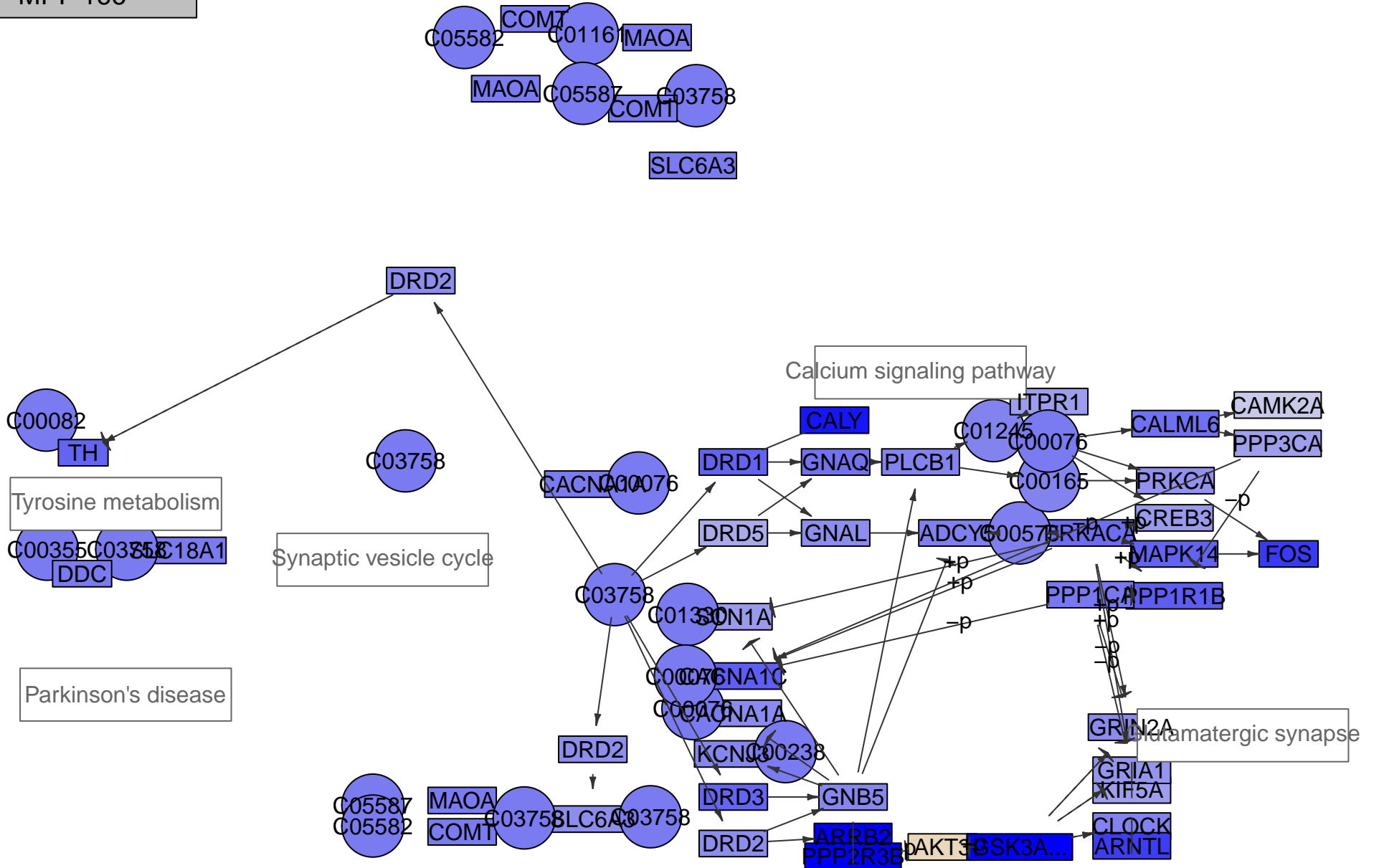
Parkinson's disease

Dopaminergic synapse

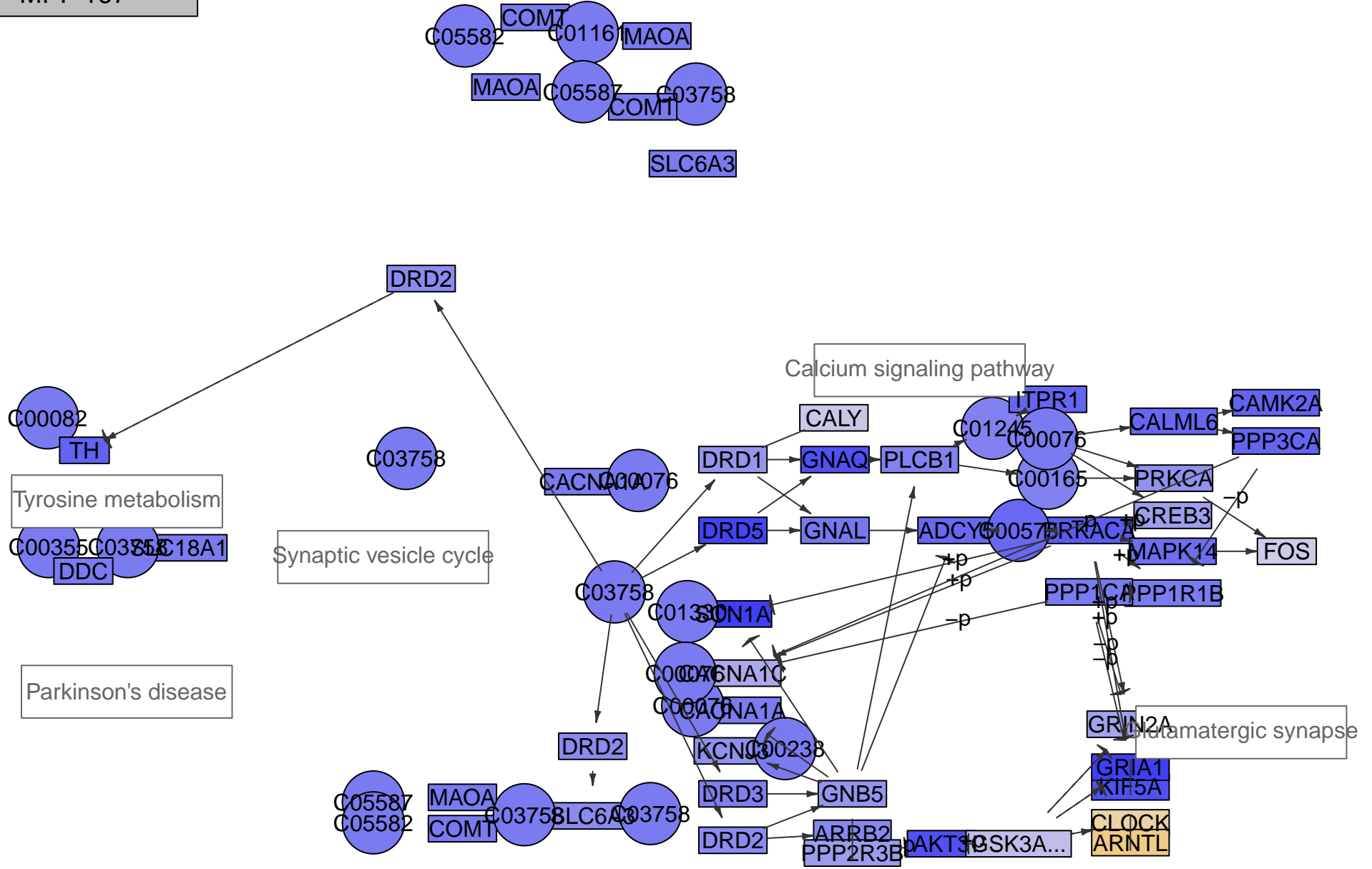
Dopaminergic synapse
MPI-164



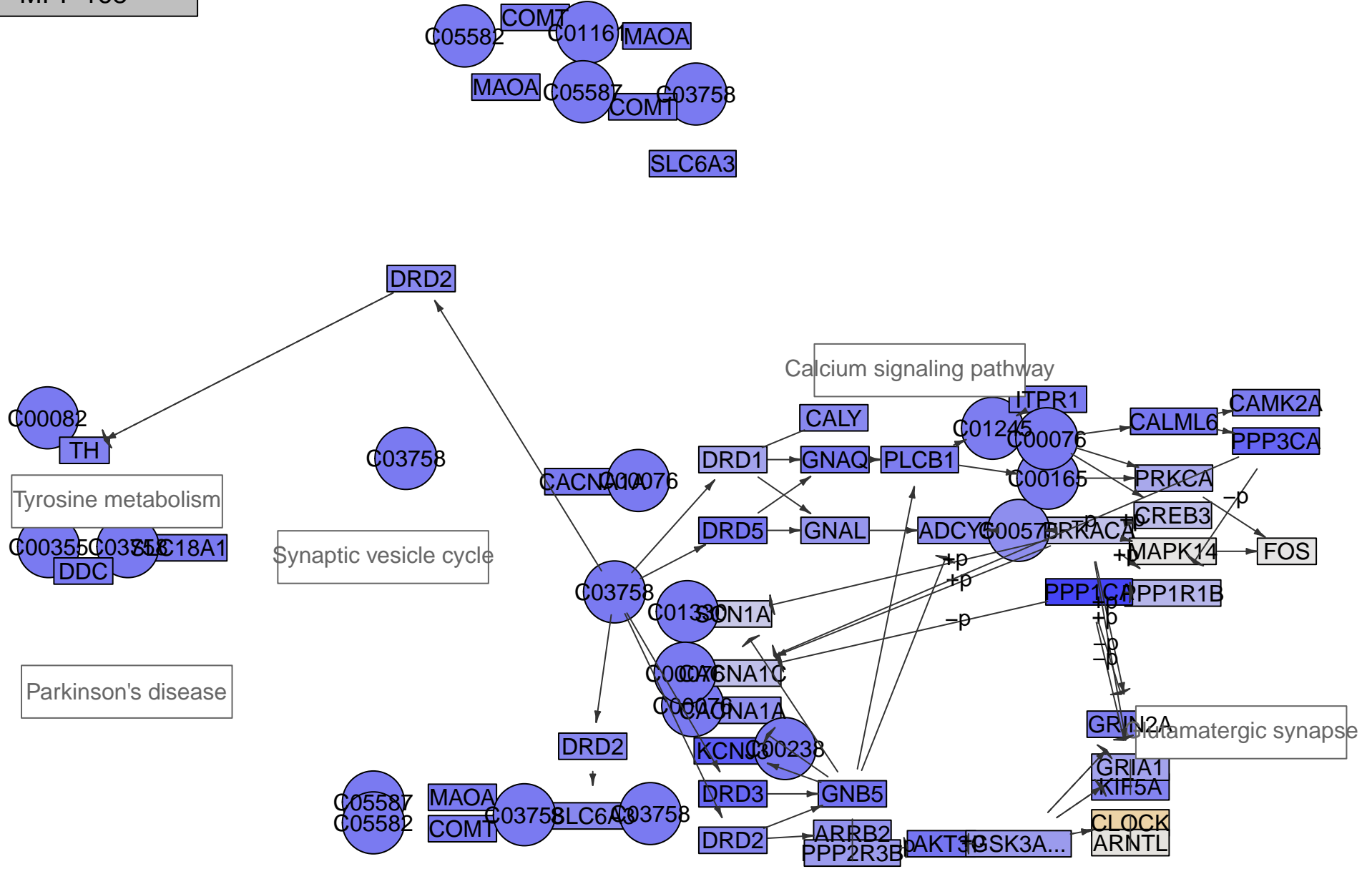
Dopaminergic synapse
MPI-166



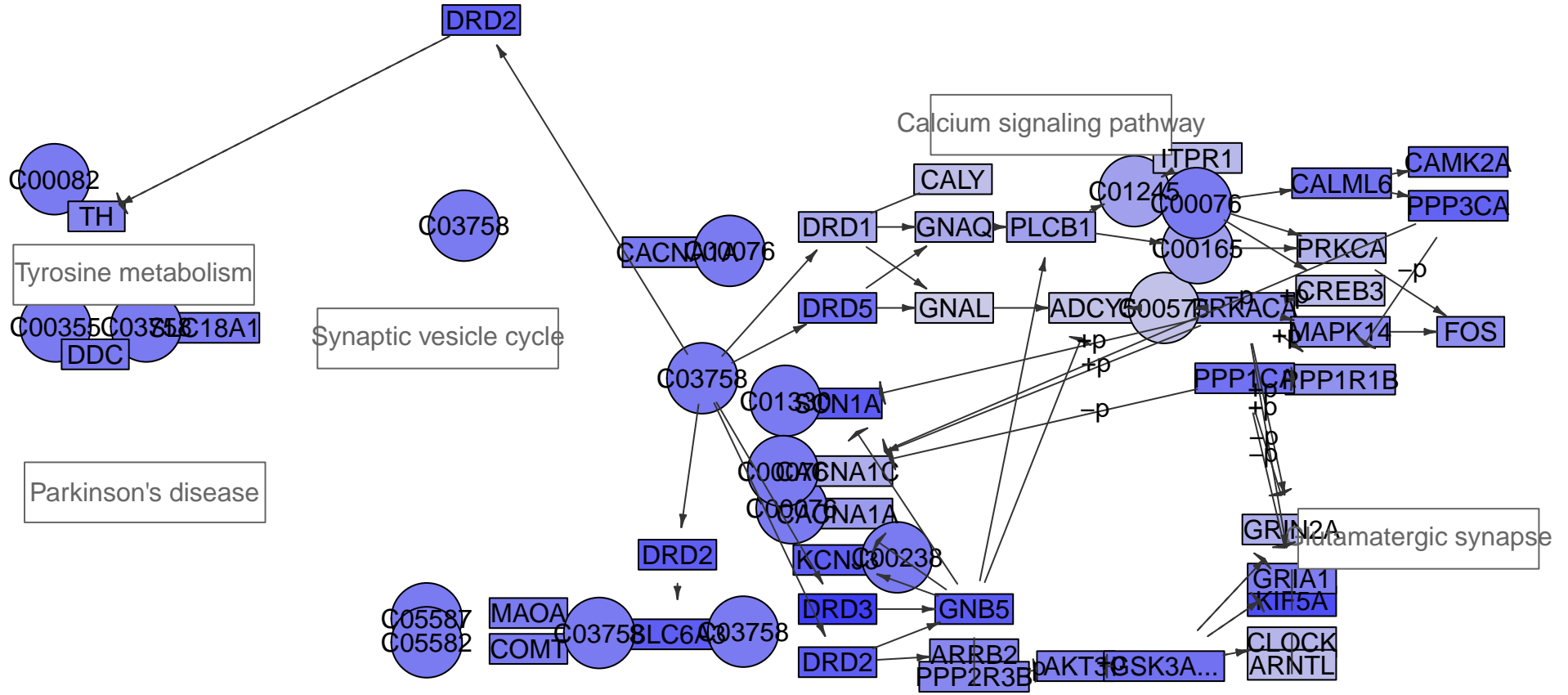
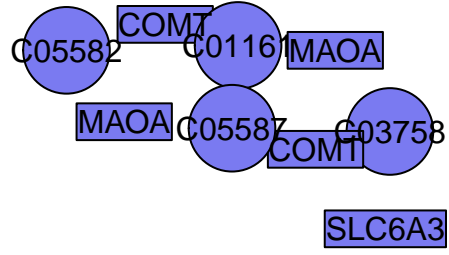
Dopaminergic synapse
MPI-167



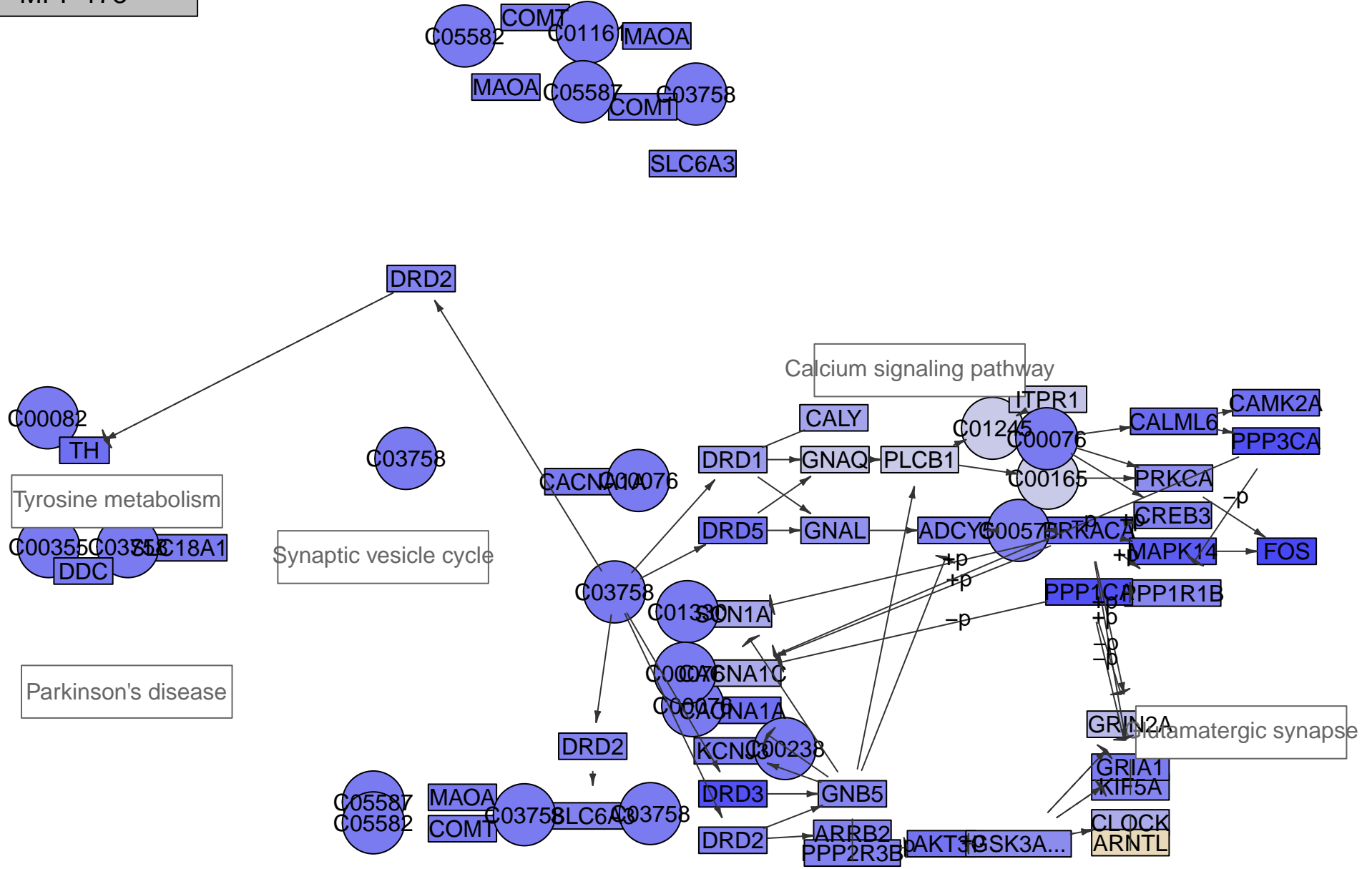
Dopaminergic synapse
MPI-168



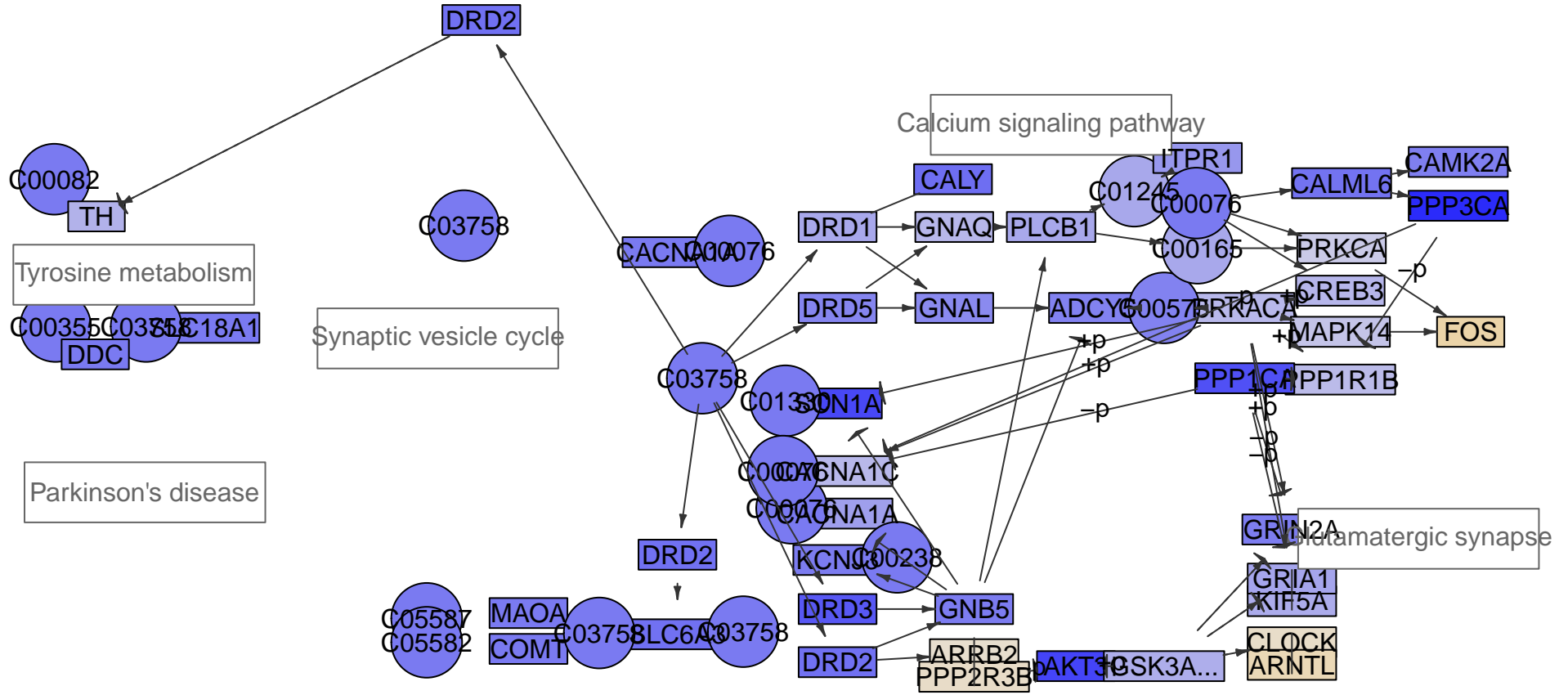
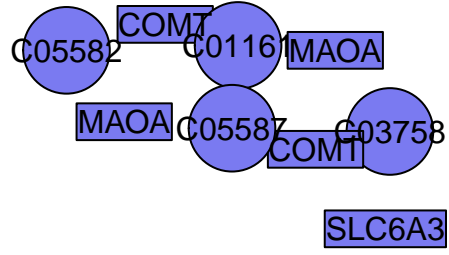
Dopaminergic synapse
MPI-170



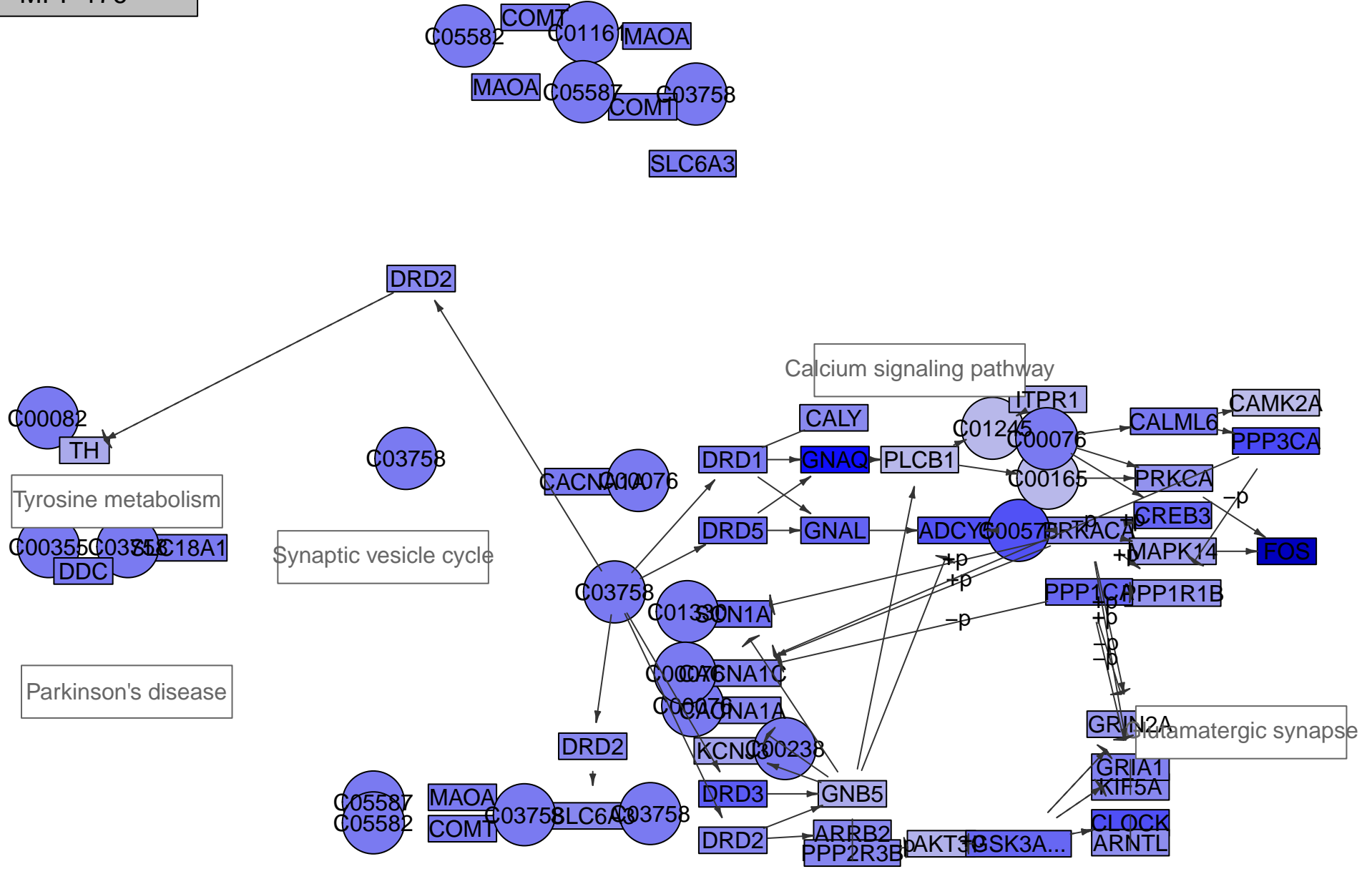
Dopaminergic synapse
MPI-173



Dopaminergic synapse
MPI-174



Dopaminergic synapse
MPI-176



Tyrosine metabolism

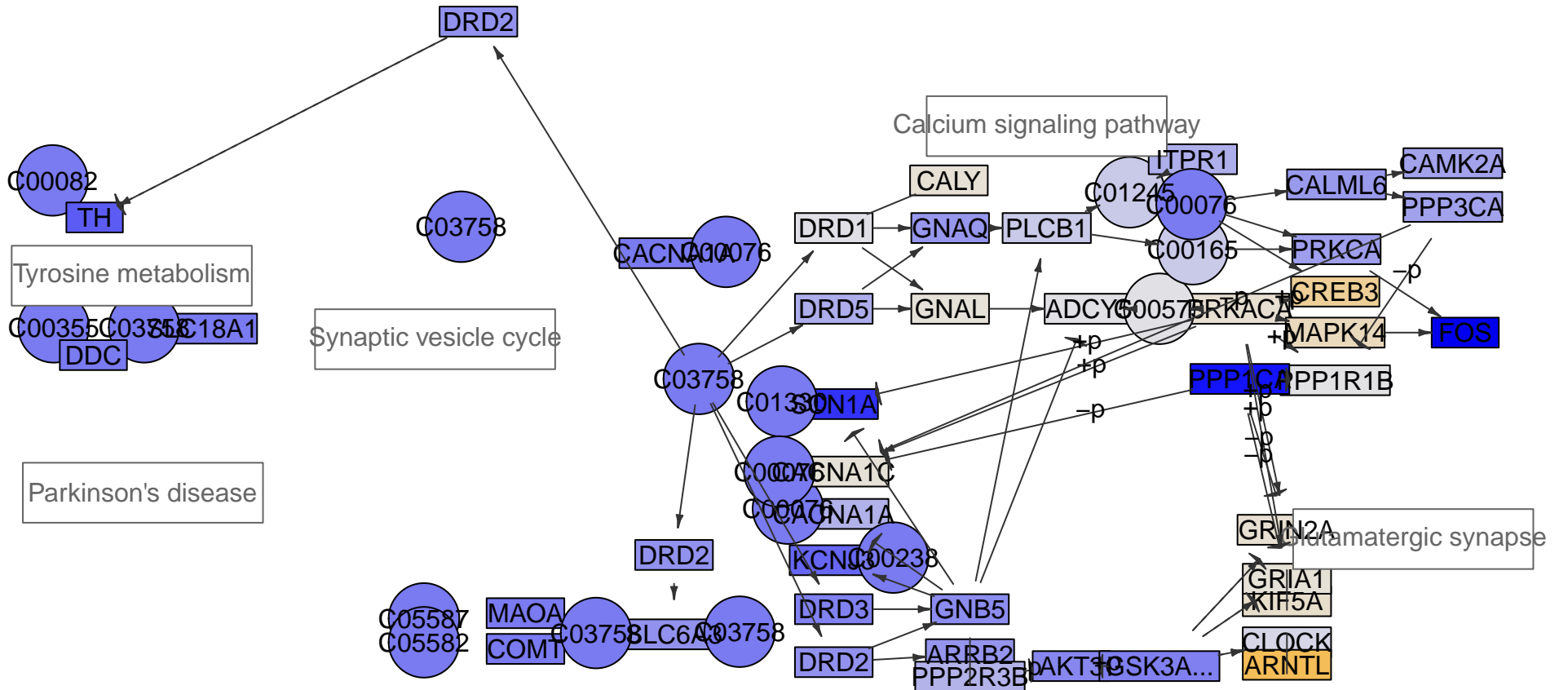
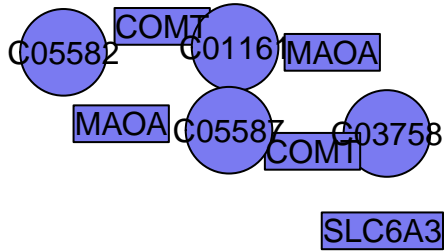
Synaptic vesicle cycle

Calcium signaling pathway

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-177



Synaptic vesicle cycle

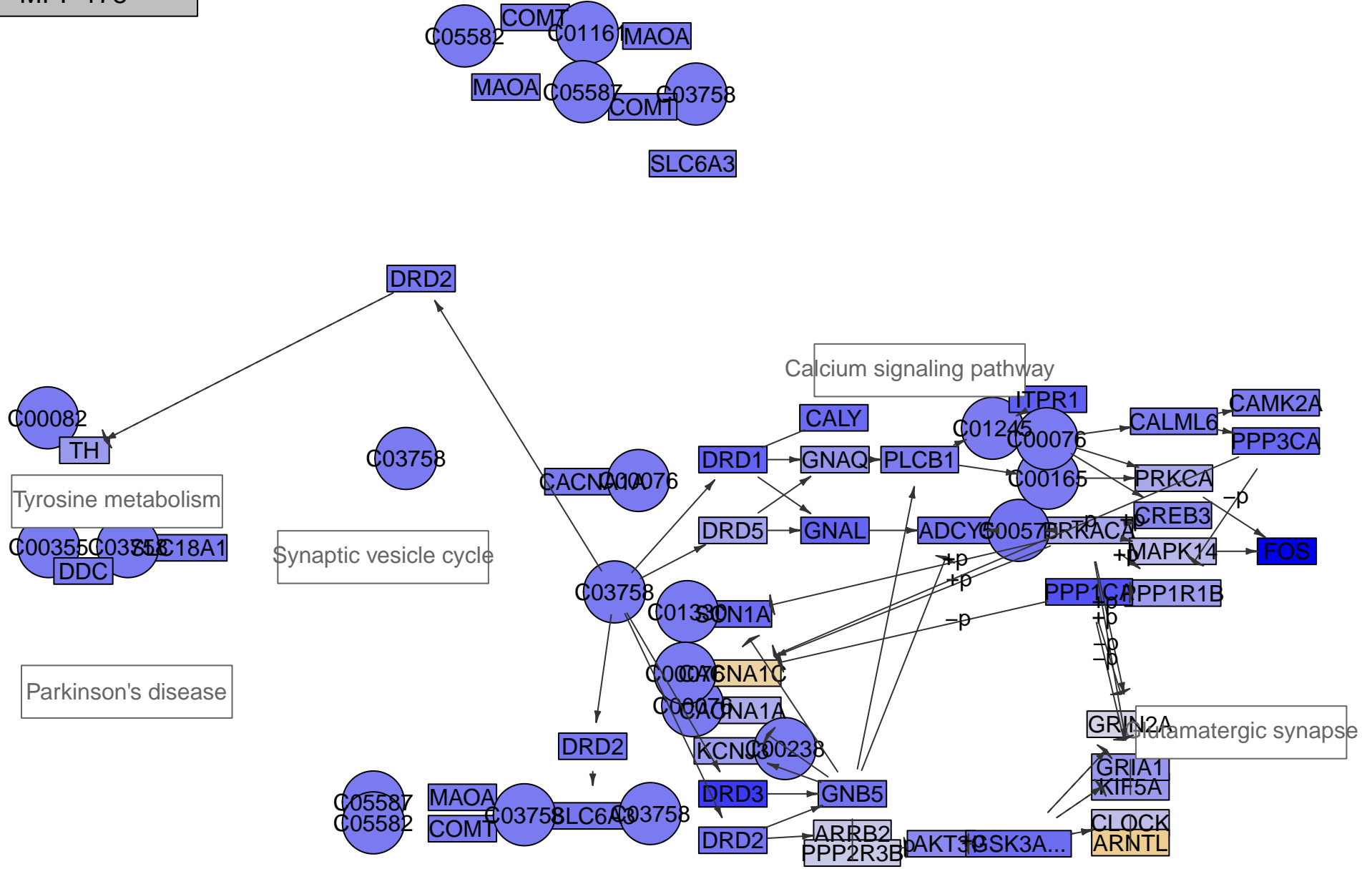
Calcium signaling pathway

Glutamatergic synapse

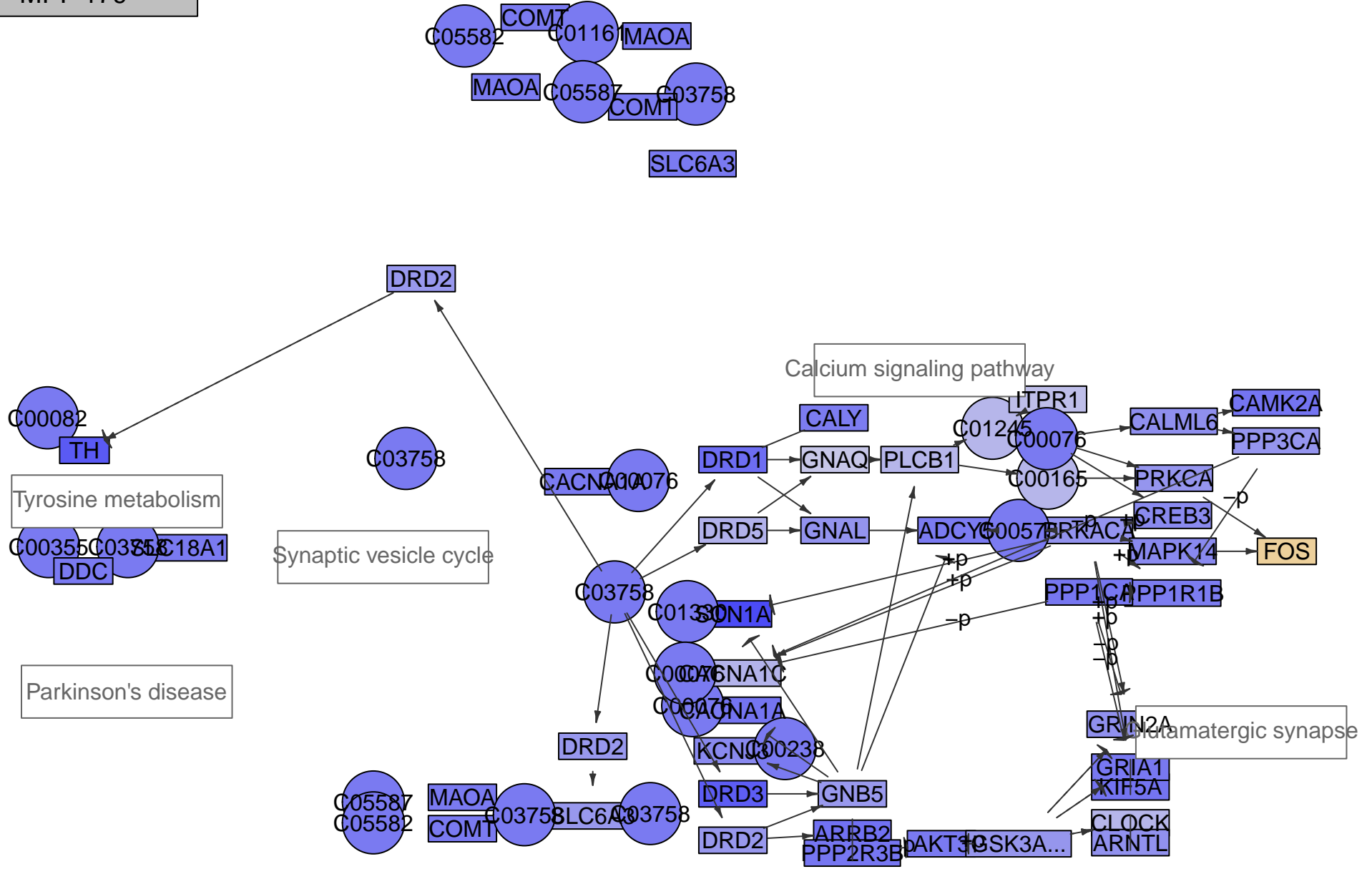
Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-178



Dopaminergic synapse
MPI-179



Tyrosine metabolism

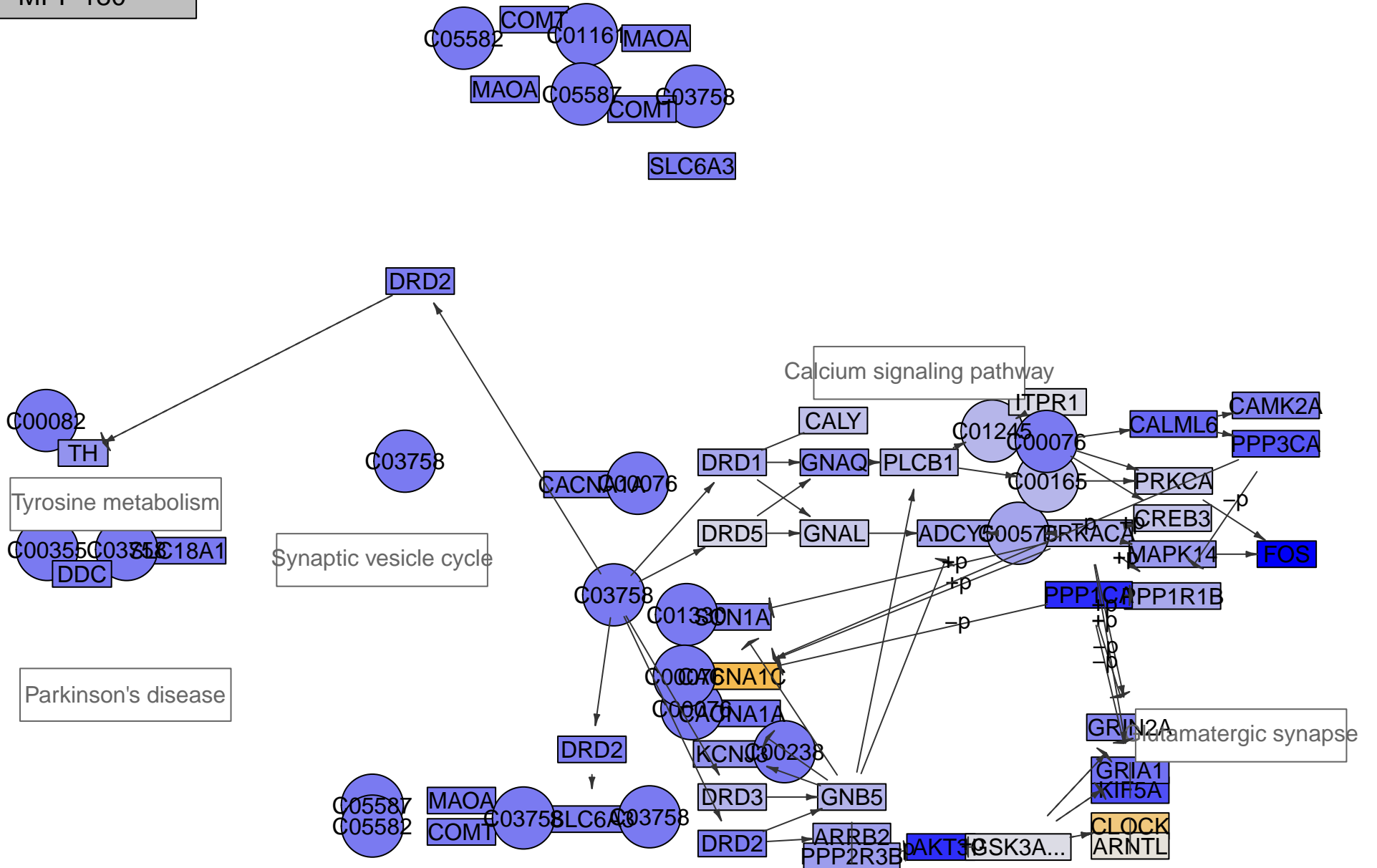
Synaptic vesicle cycle

Calcium signaling pathway

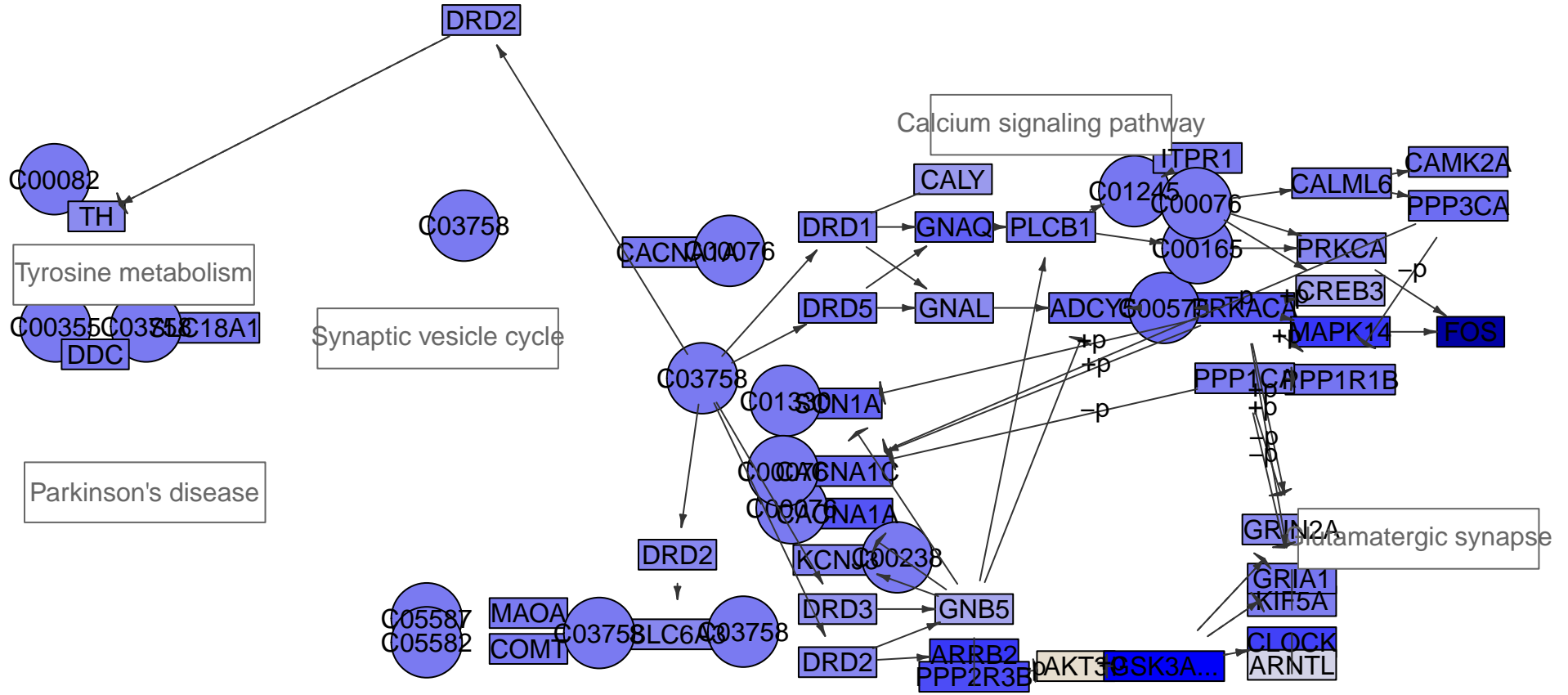
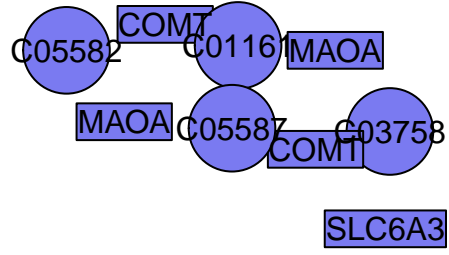
Dopaminergic synapse

Parkinson's disease

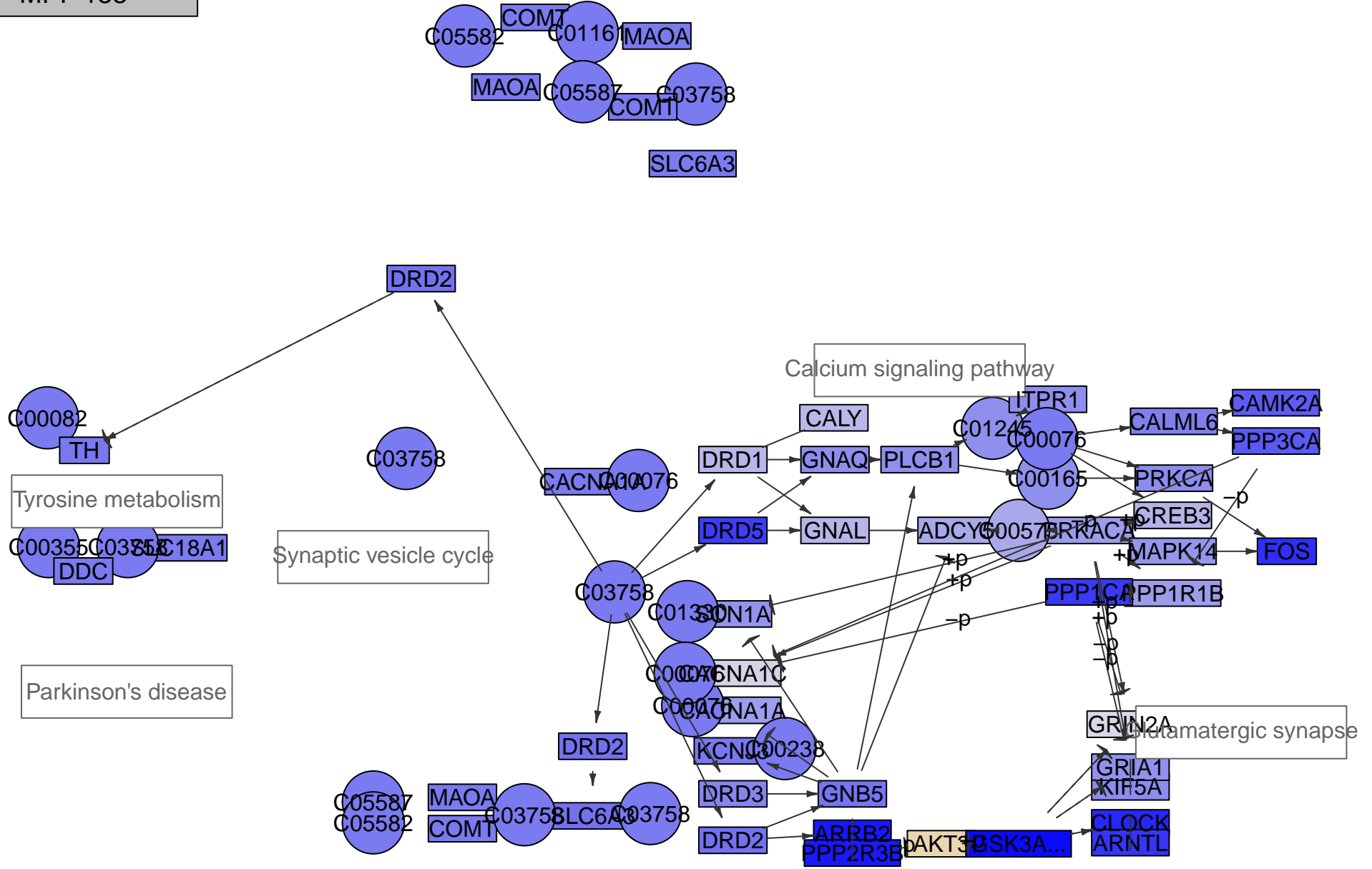
Dopaminergic synapse
MPI-180



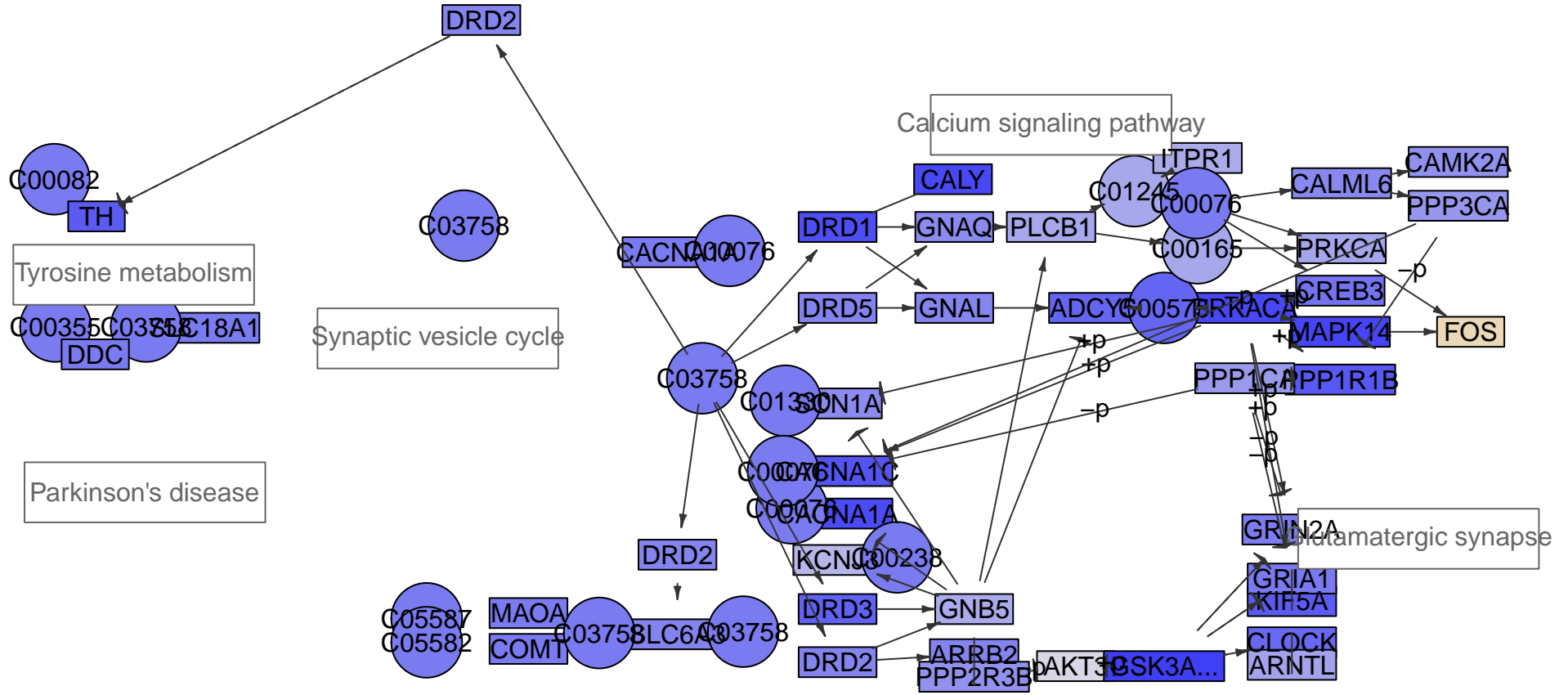
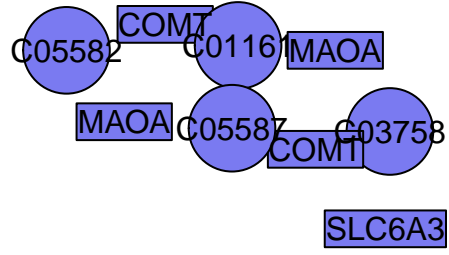
Dopaminergic synapse
MPI-182



Dopaminergic synapse
MPI-183



Dopaminergic synapse
MPI-184



Calcium signaling pathway

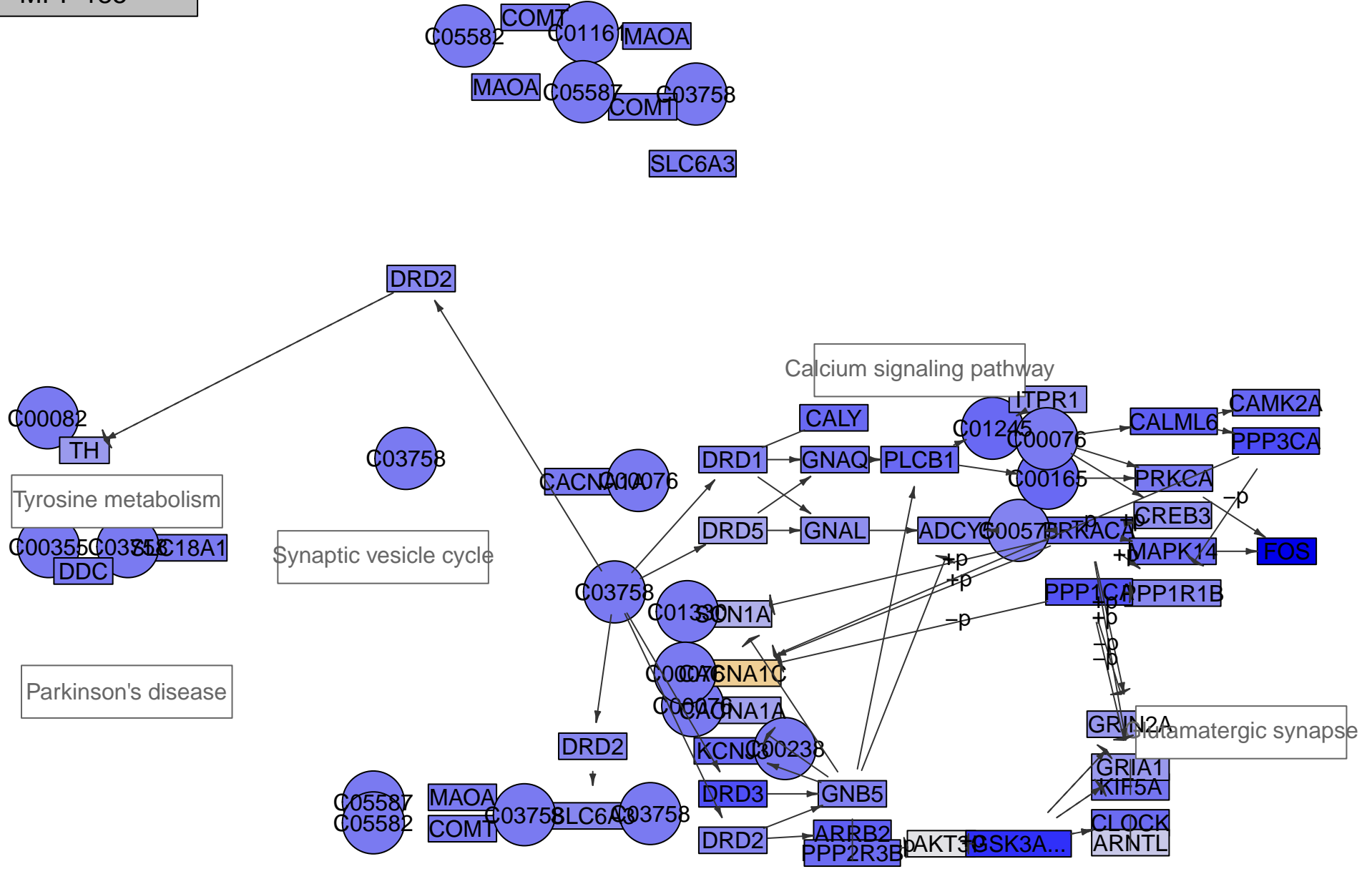
Tyrosine metabolism

Synaptic vesicle cycle

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-185



Tyrosine metabolism

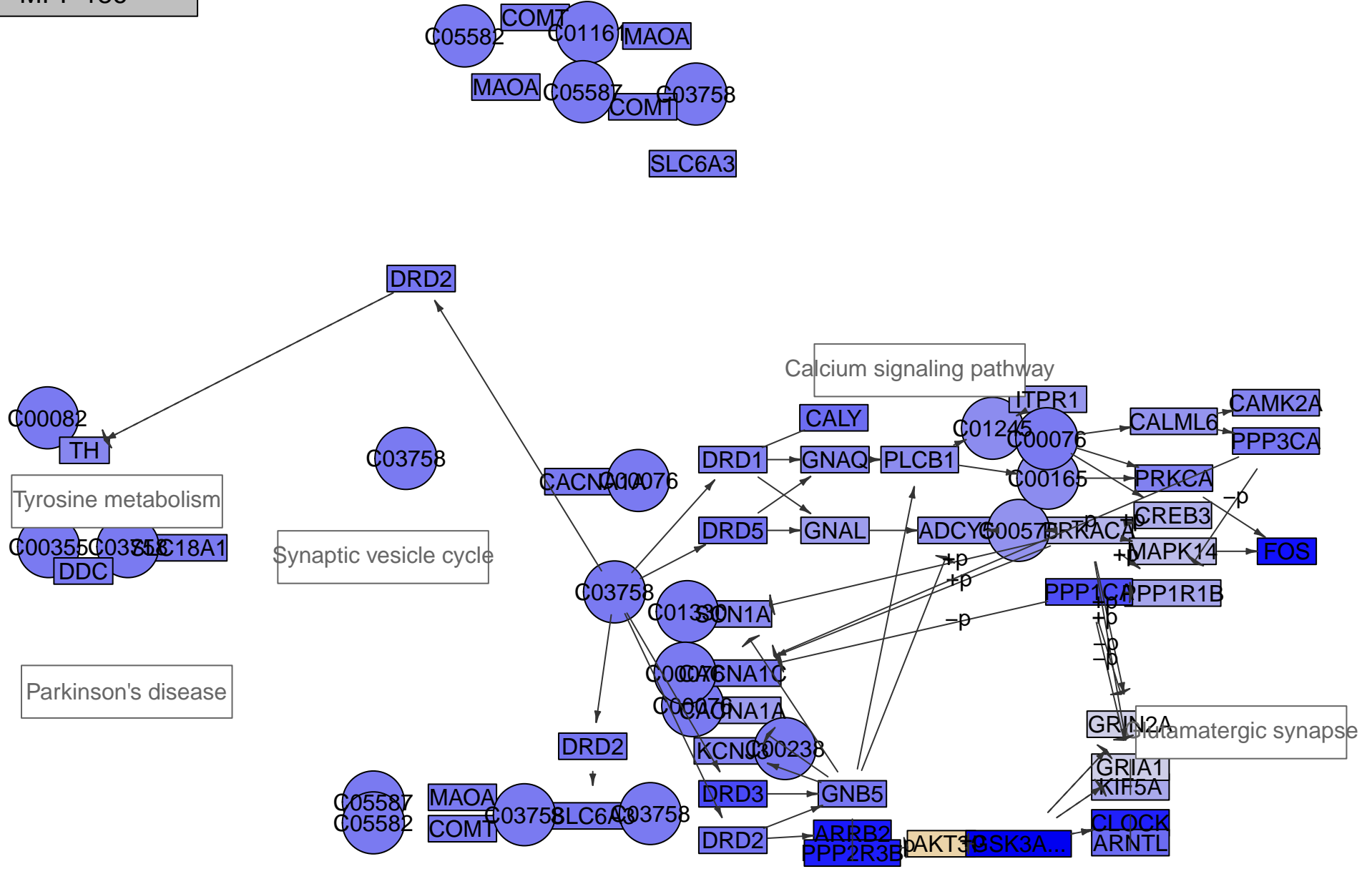
Synaptic vesicle cycle

Calcium signaling pathway

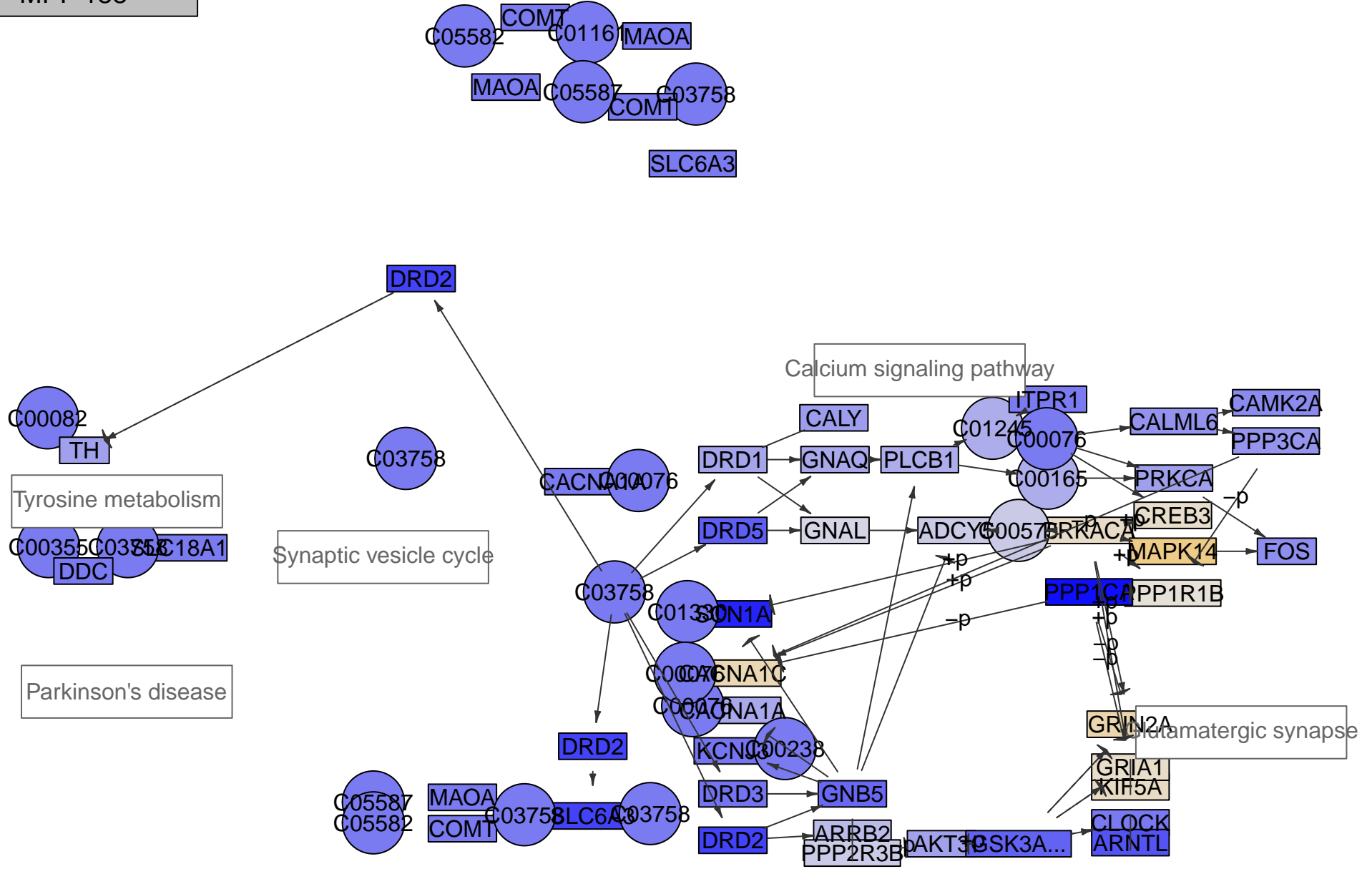
Dopaminergic synapse

Parkinson's disease

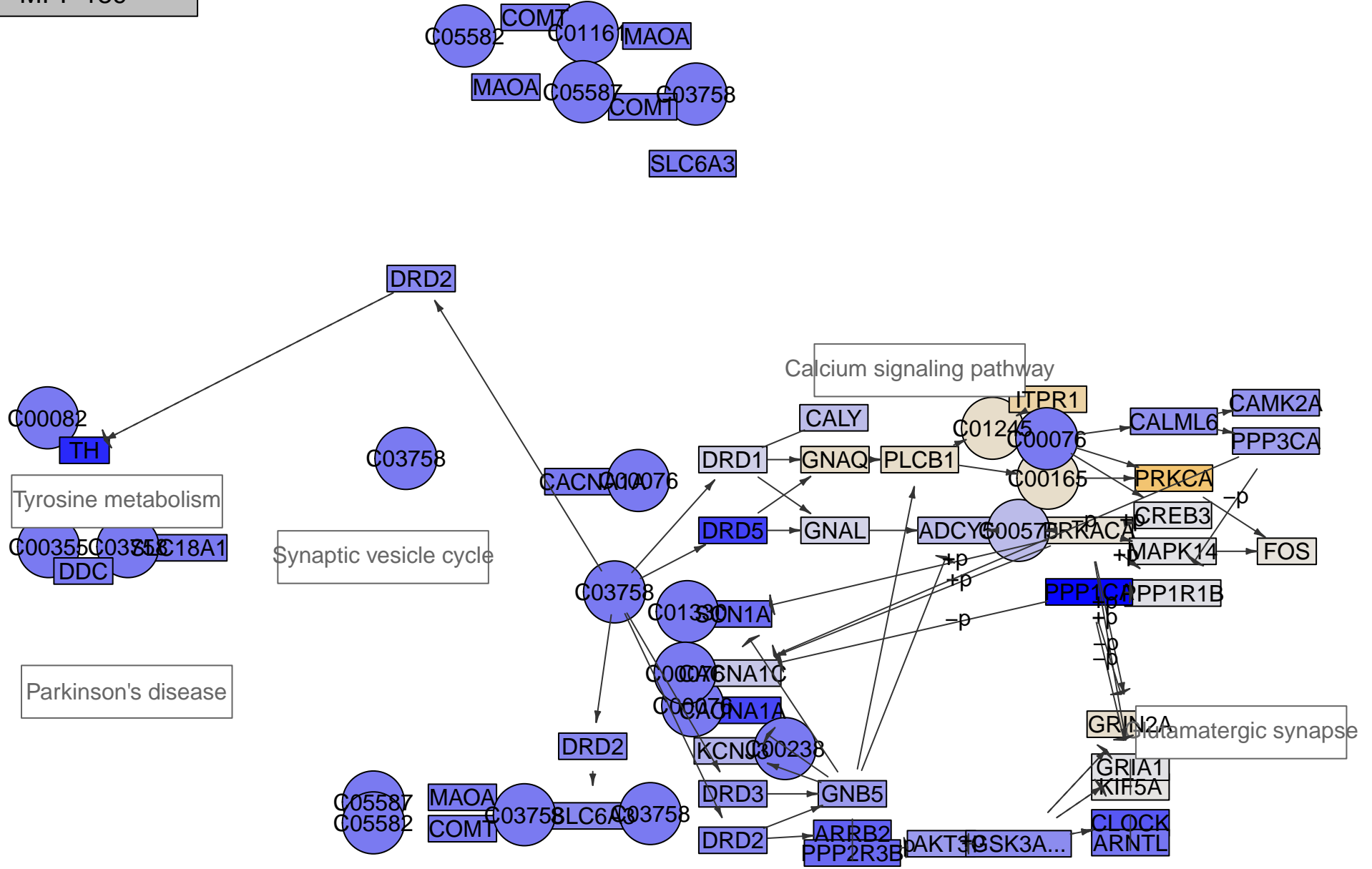
Dopaminergic synapse
MPI-186



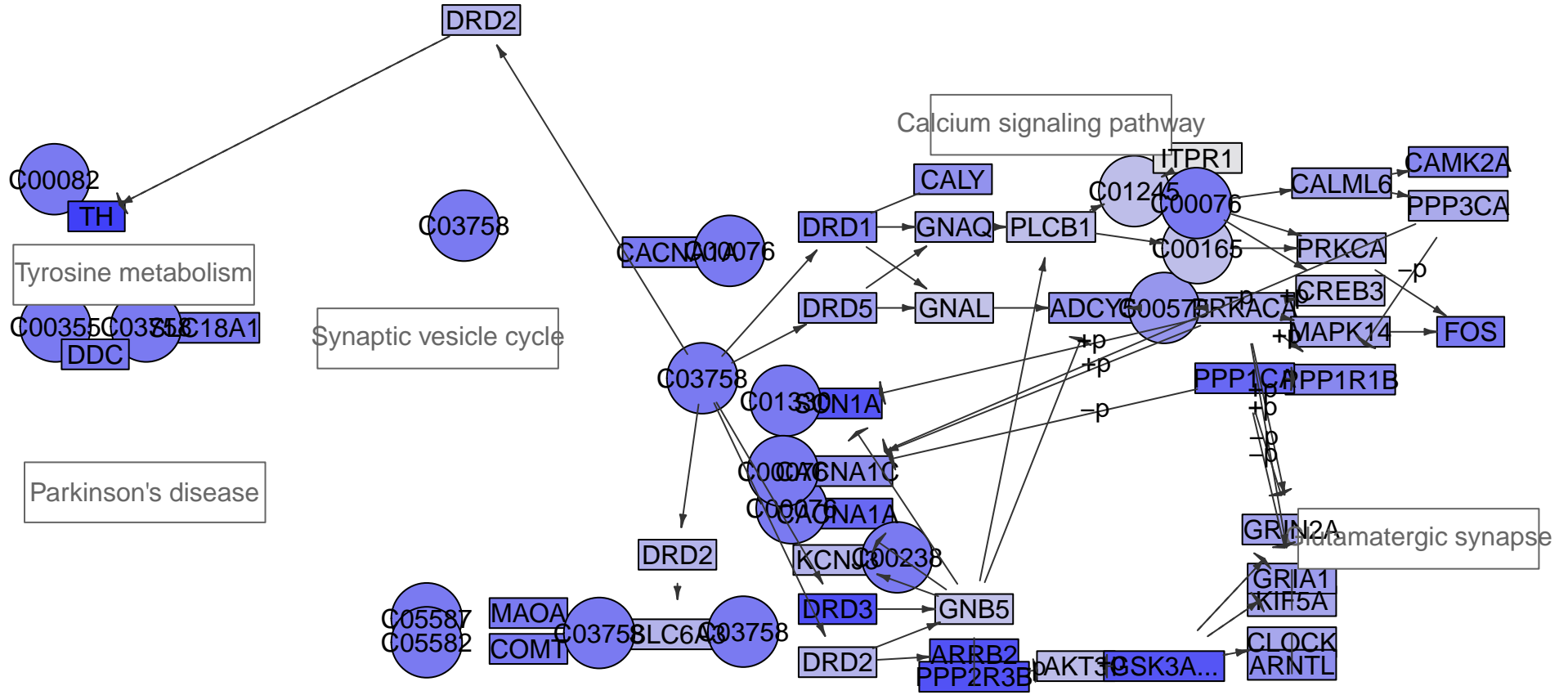
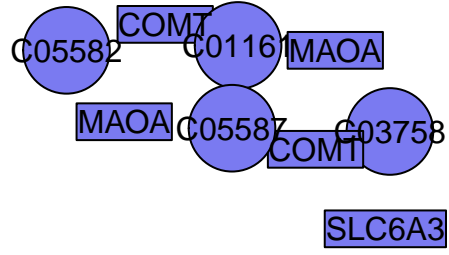
Dopaminergic synapse
MPI-188



Dopaminergic synapse
MPI-189



Dopaminergic synapse
MPI-190



Tyrosine metabolism
C00355 C0355 C18A1
DDC

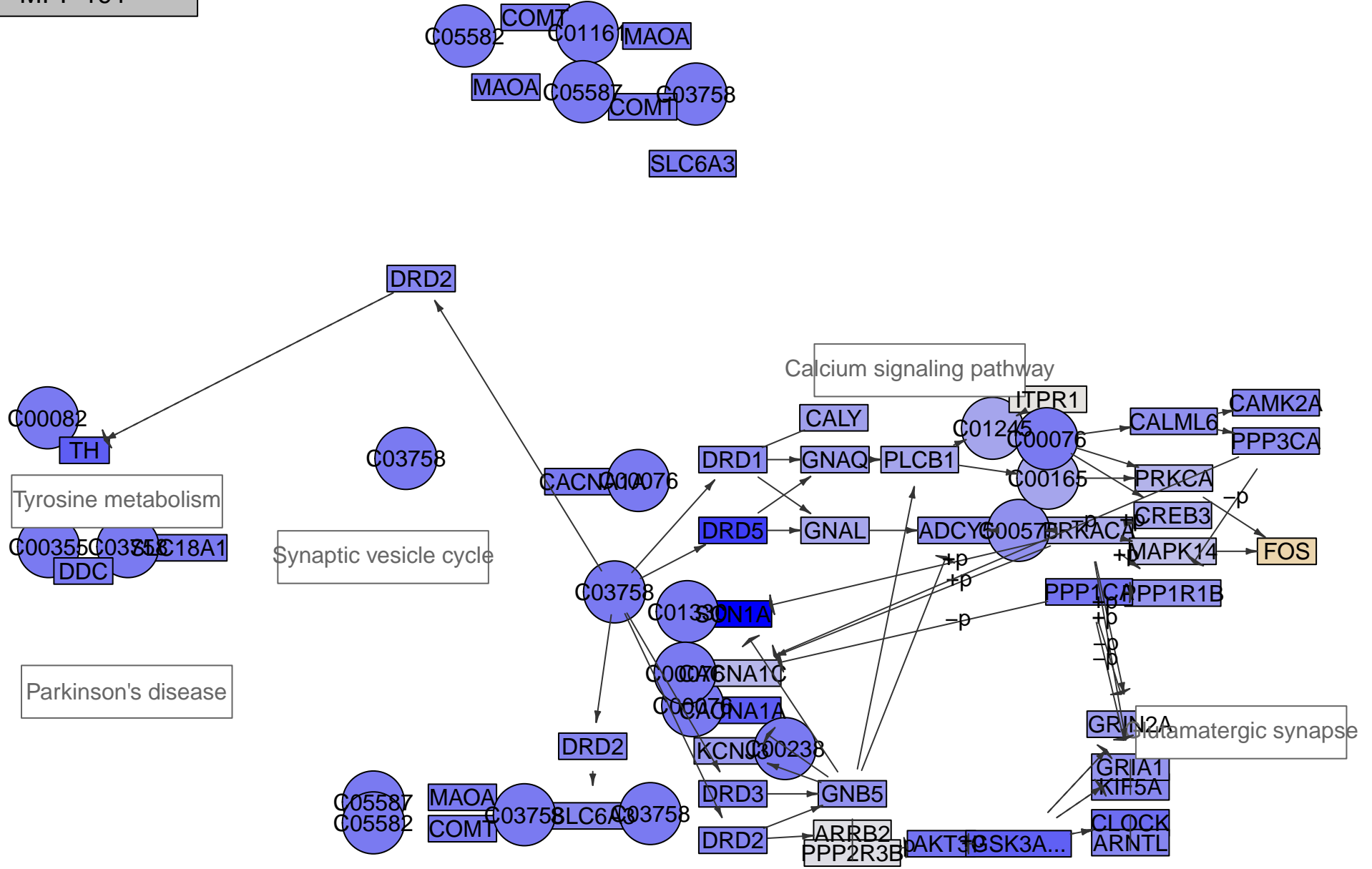
Synaptic vesicle cycle

Parkinson's disease

Calcium signaling pathway

Dopaminergic synapse

Dopaminergic synapse
MPI-191



Tyrosine metabolism

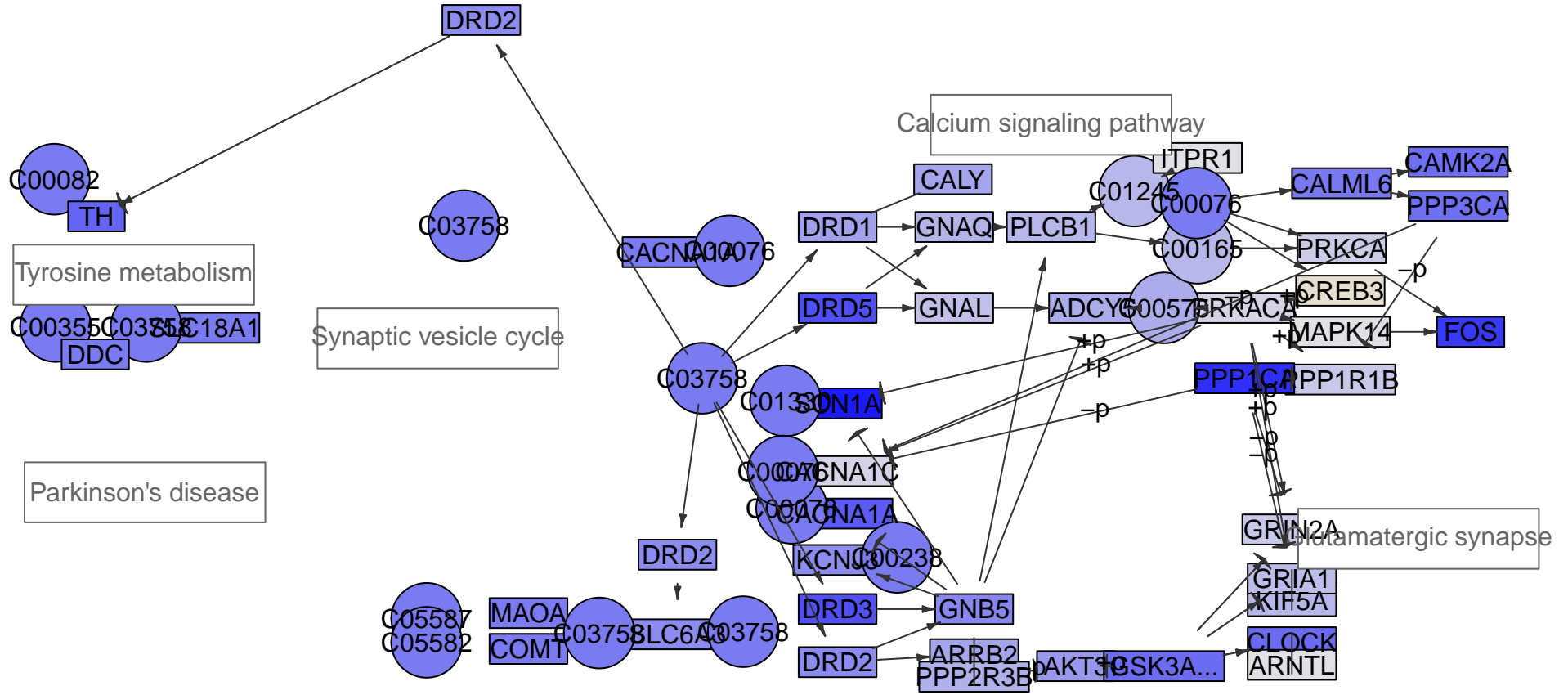
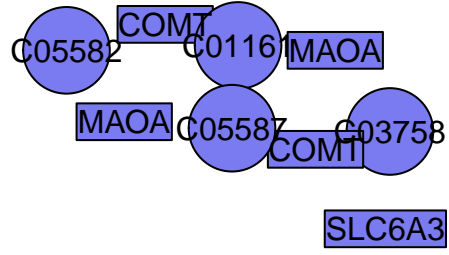
Synaptic vesicle cycle

Calcium signaling pathway

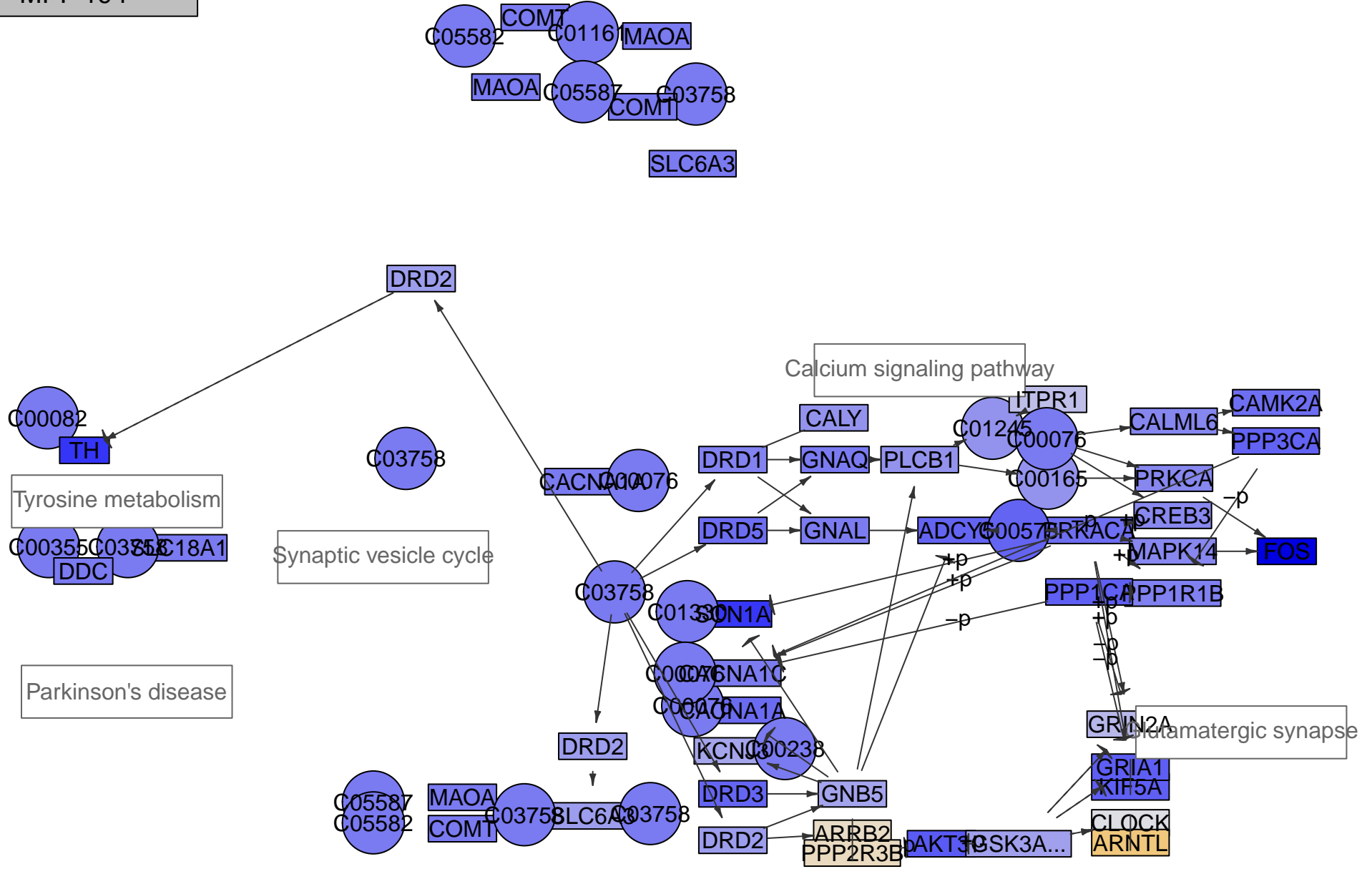
Dopaminergic synapse

Parkinson's disease

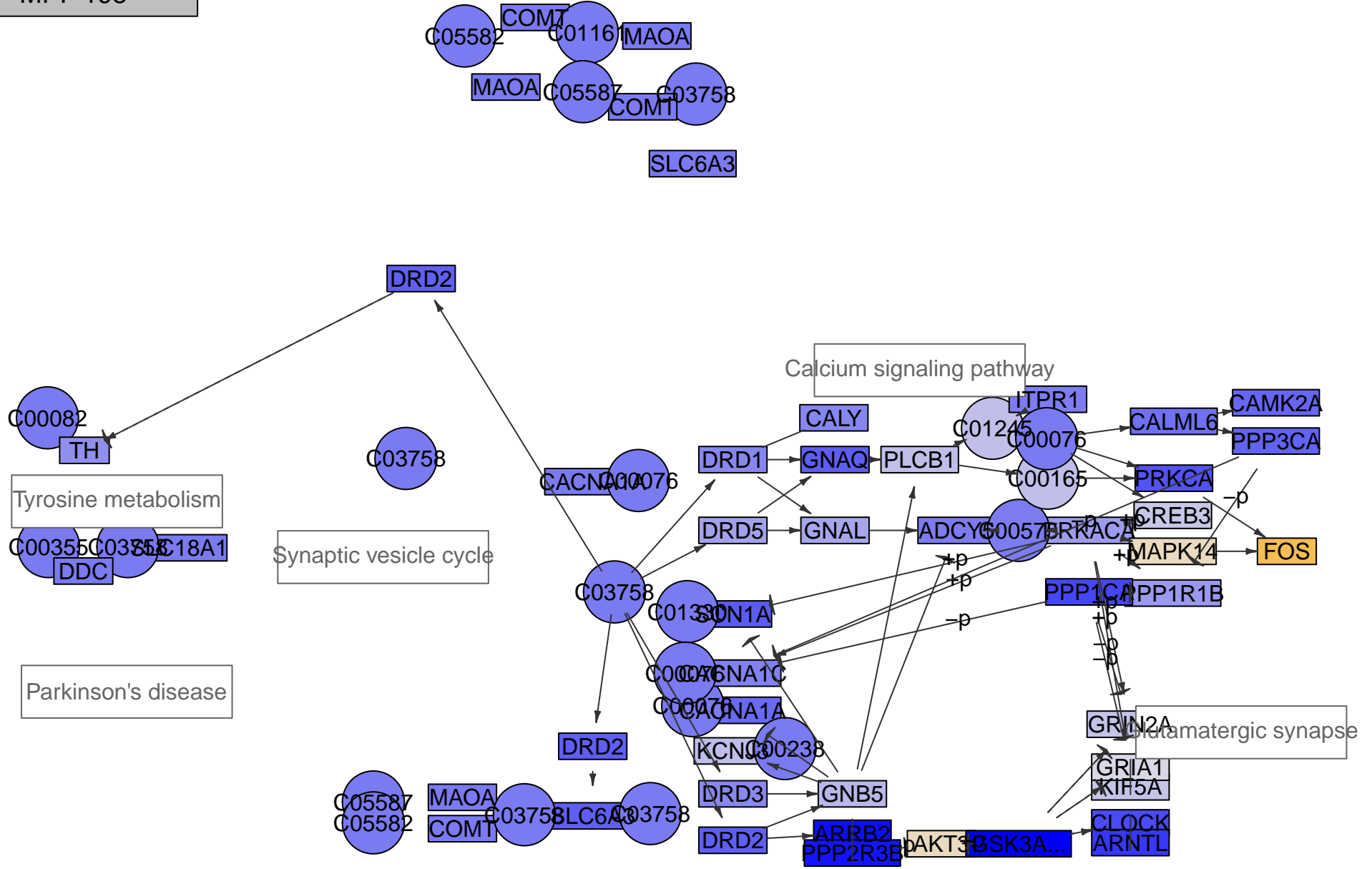
Dopaminergic synapse
MPI-192



Dopaminergic synapse
MPI-194



Dopaminergic synapse
MPI-195



Synaptic vesicle cycle

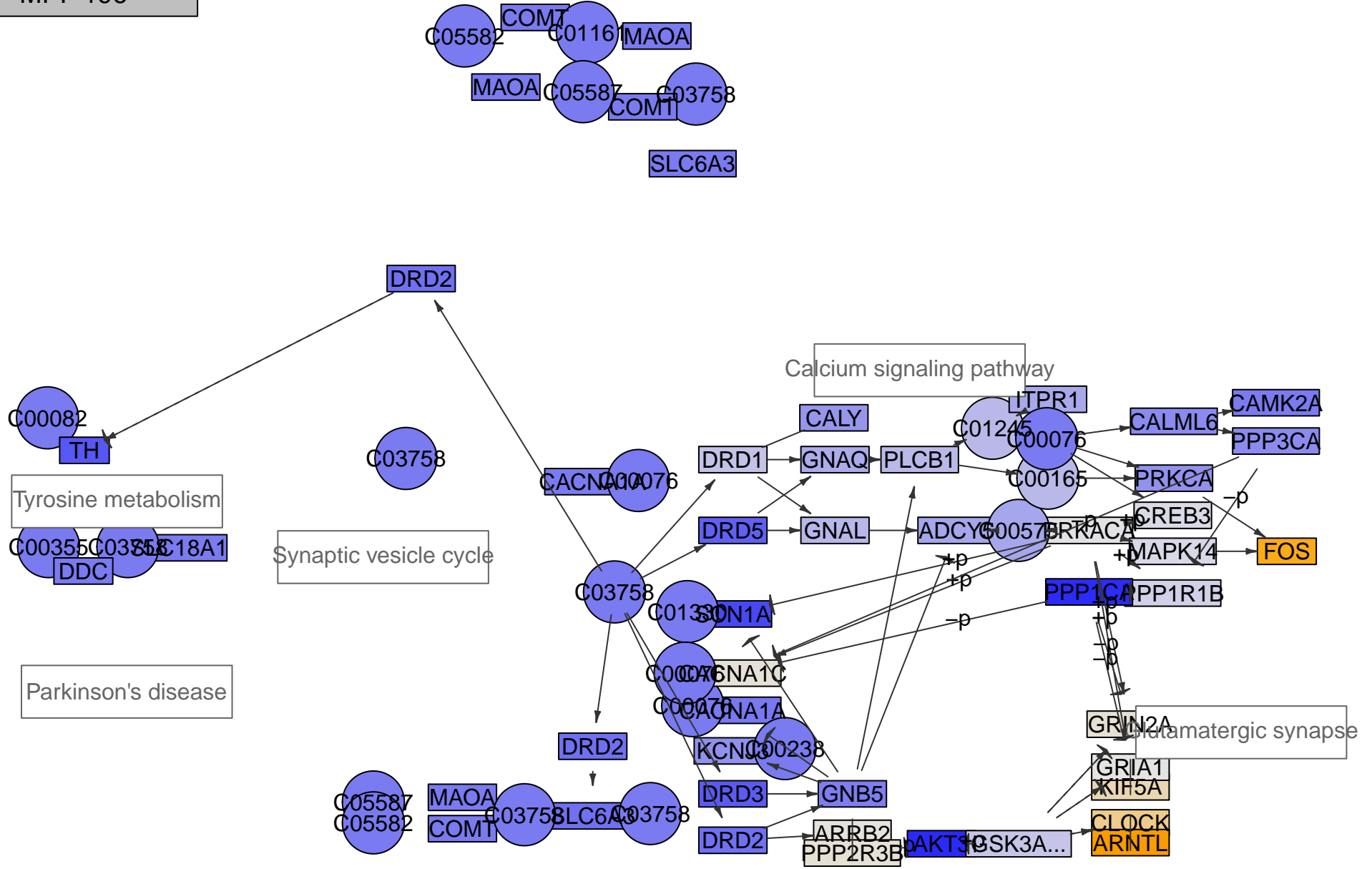
Calcium signaling pathway

Dopaminergic synapse

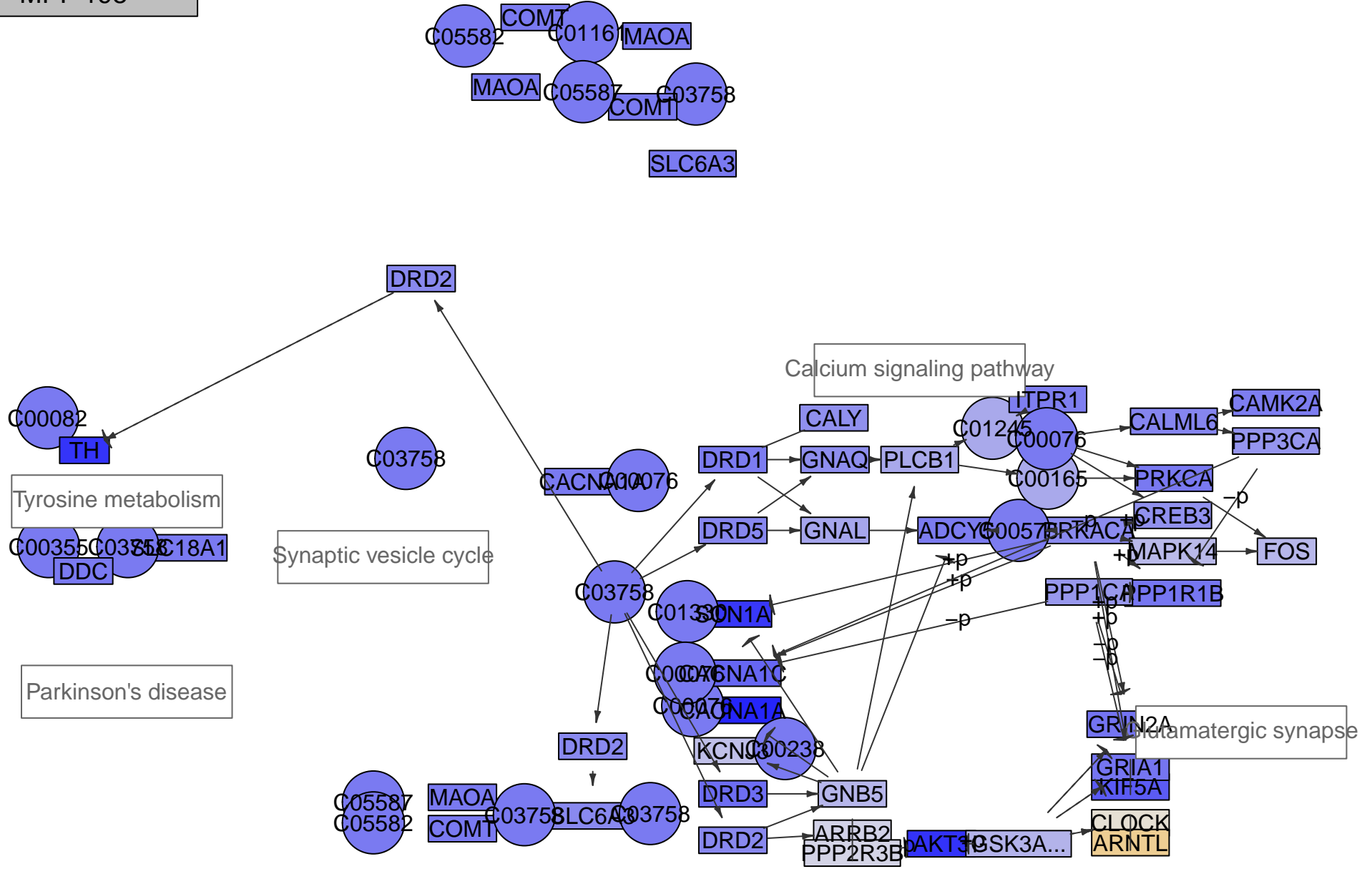
Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-196



Dopaminergic synapse
MPI-198



Synaptic vesicle cycle

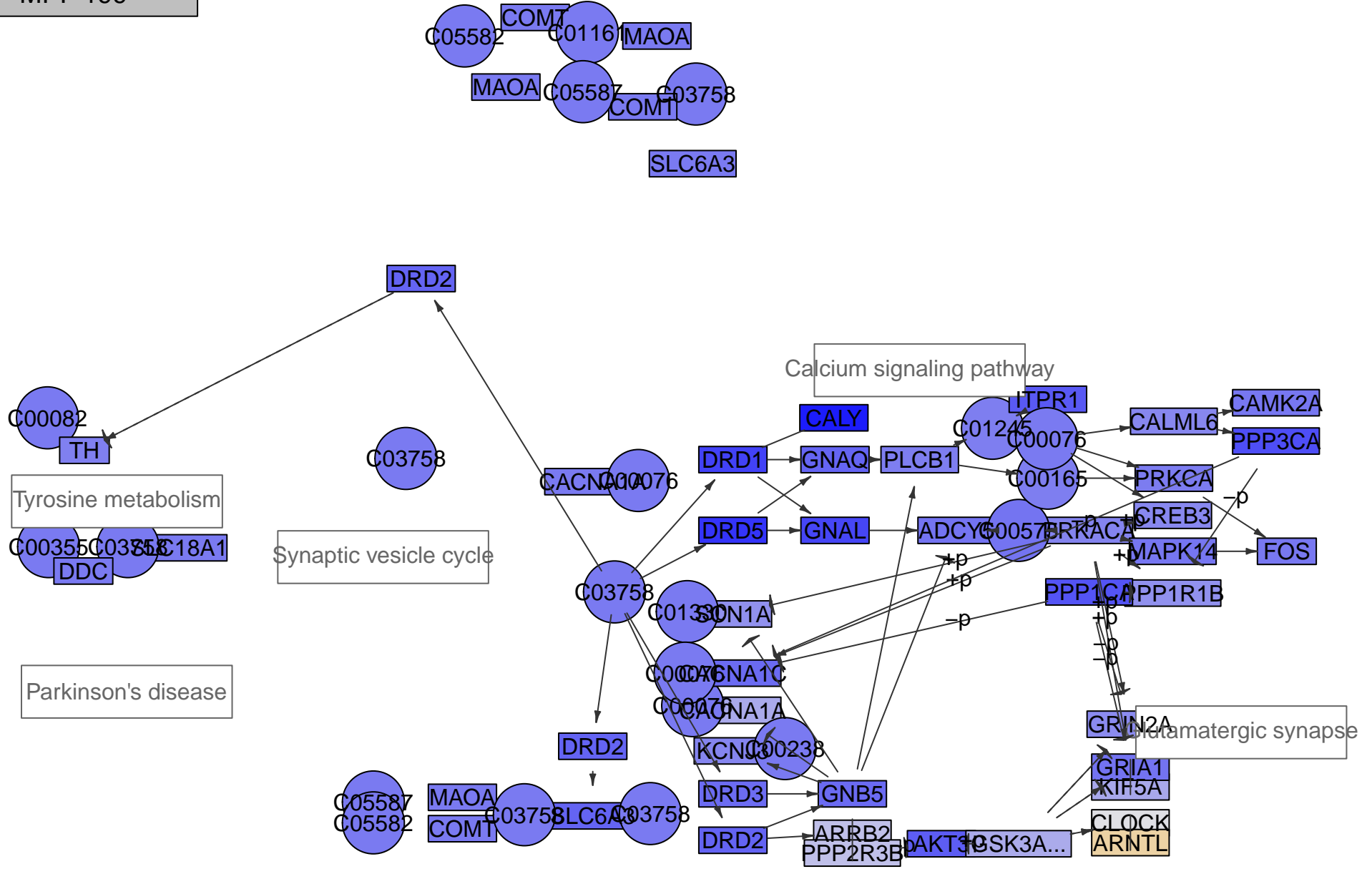
Calcium signaling pathway

Dopaminergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-199



Tyrosine metabolism

C00355 C03758 C18A1

TH

DDC

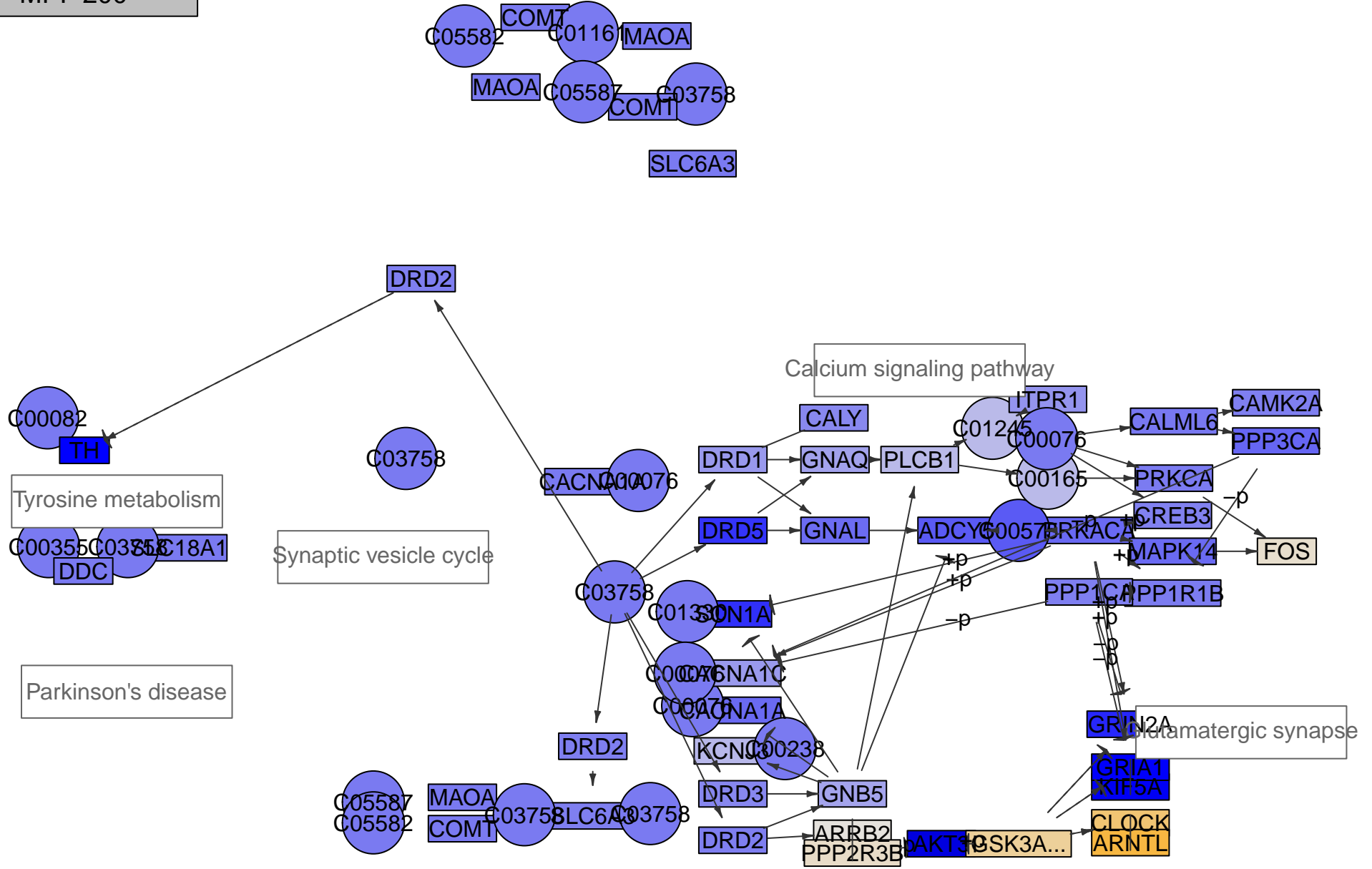
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-200



Tyrosine metabolism

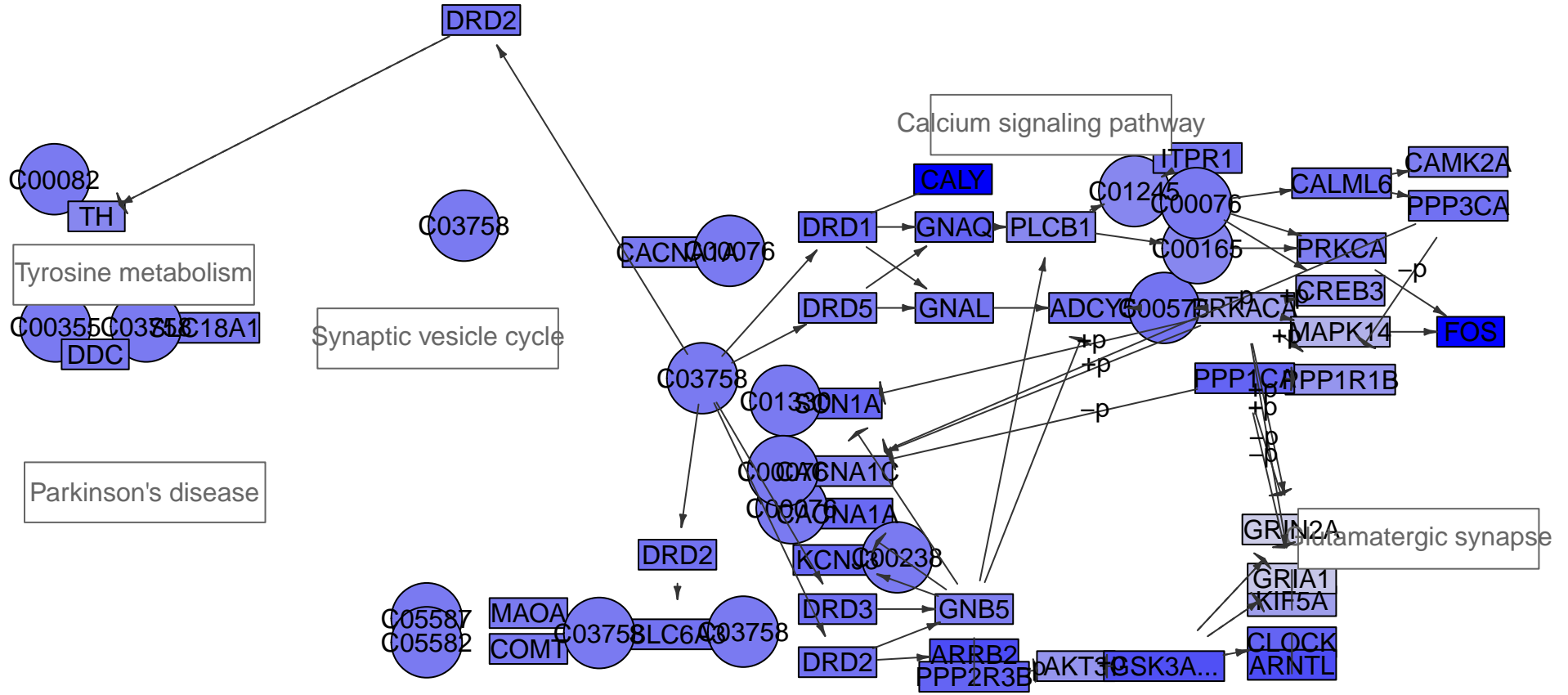
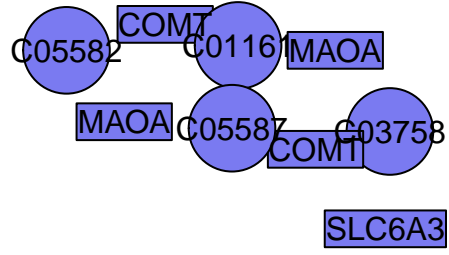
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-201



Tyrosine metabolism

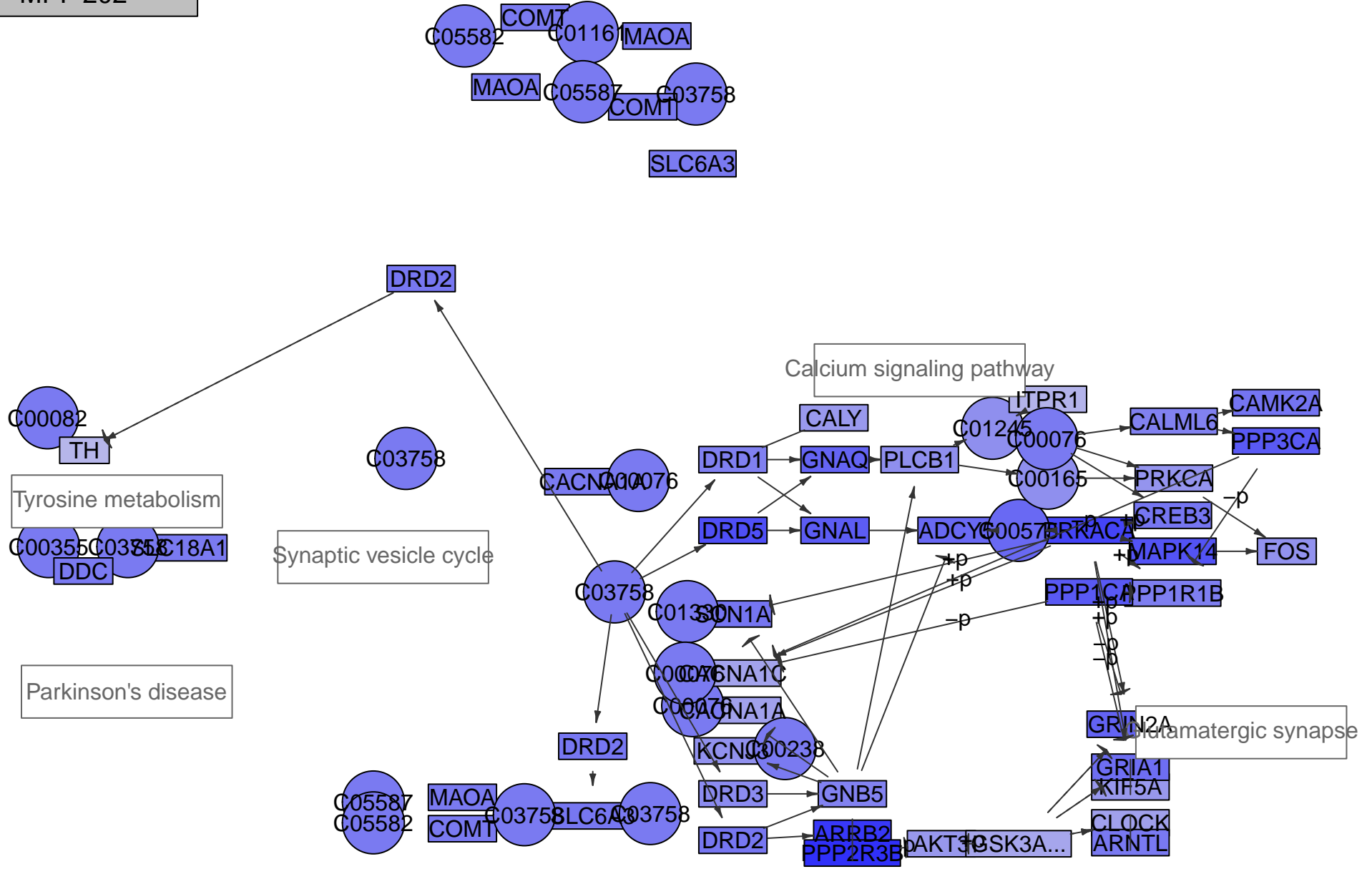
Synaptic vesicle cycle

Calcium signaling pathway

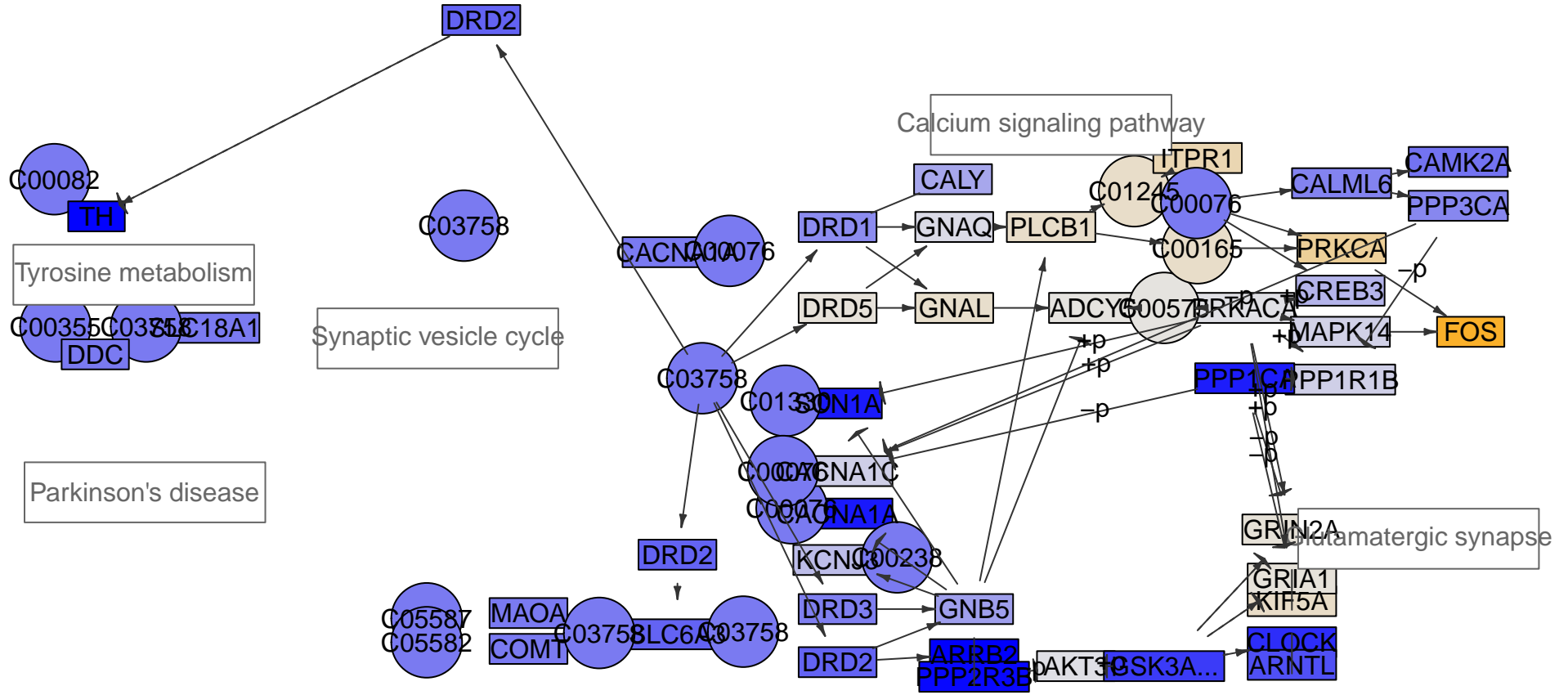
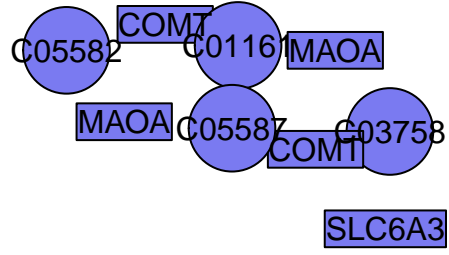
Dopaminergic synapse

Parkinson's disease

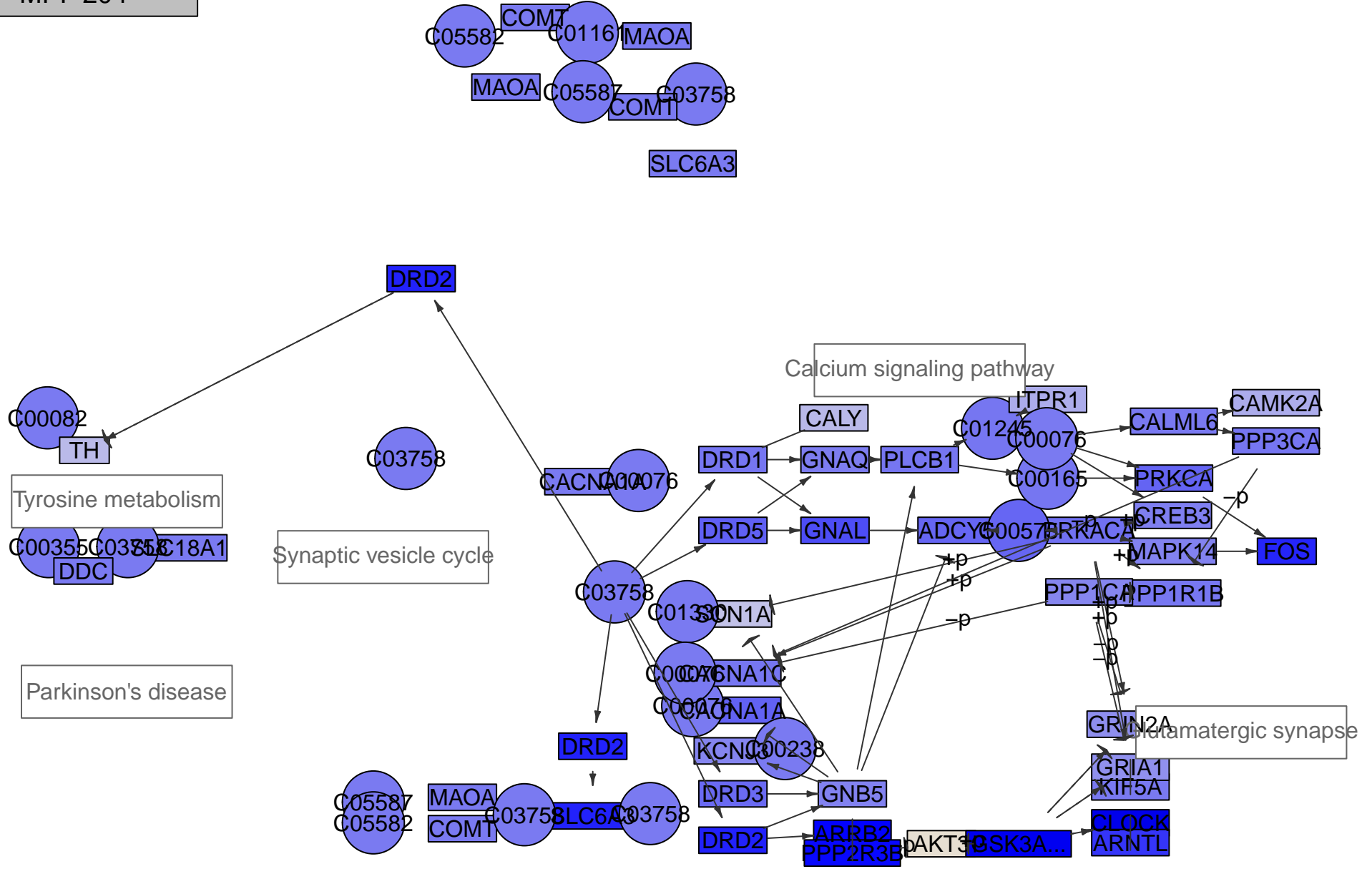
Dopaminergic synapse
MPI-202



Dopaminergic synapse
MPI-203



Dopaminergic synapse
MPI-204



Tyrosine metabolism

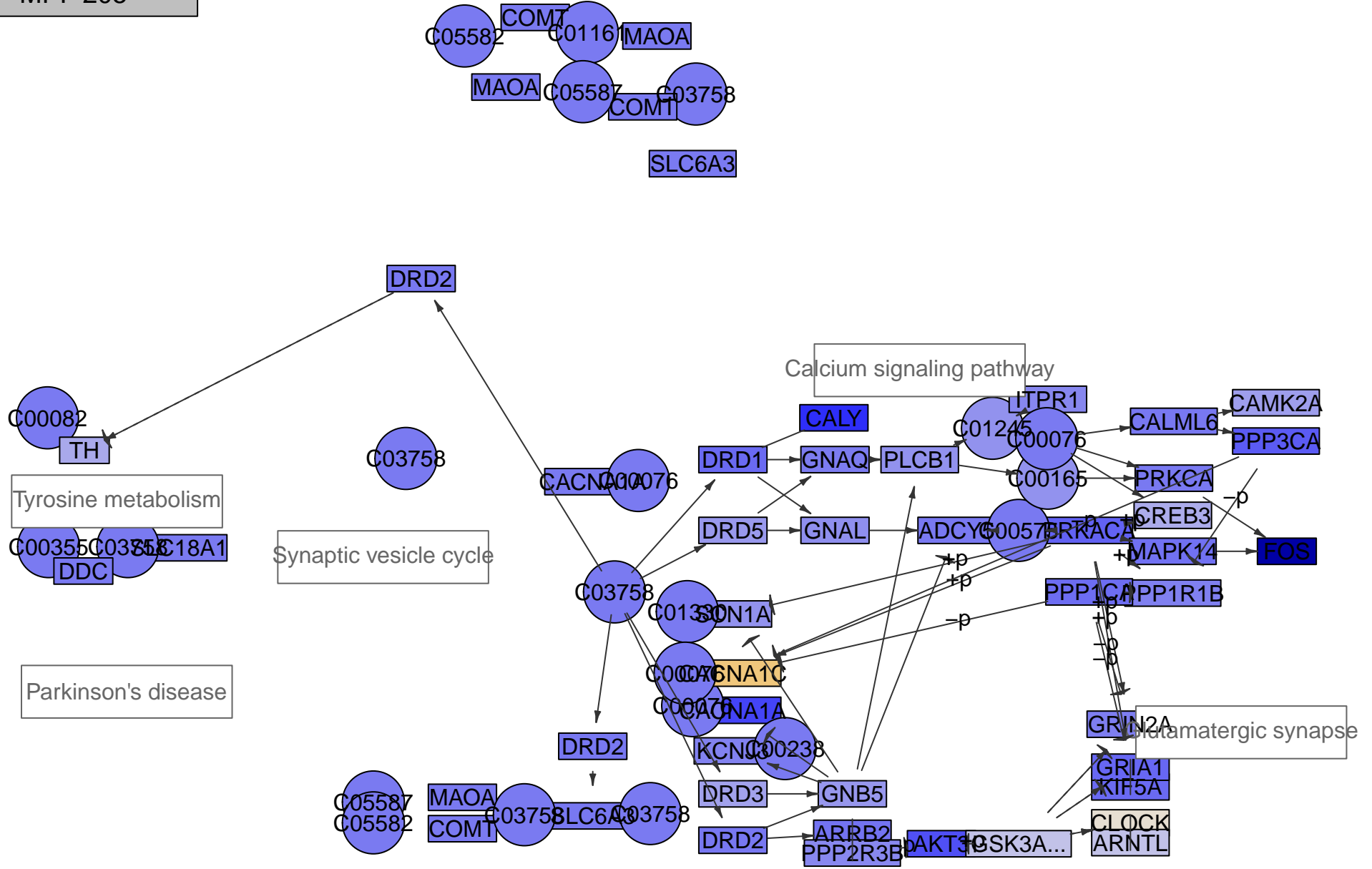
Synaptic vesicle cycle

Calcium signaling pathway

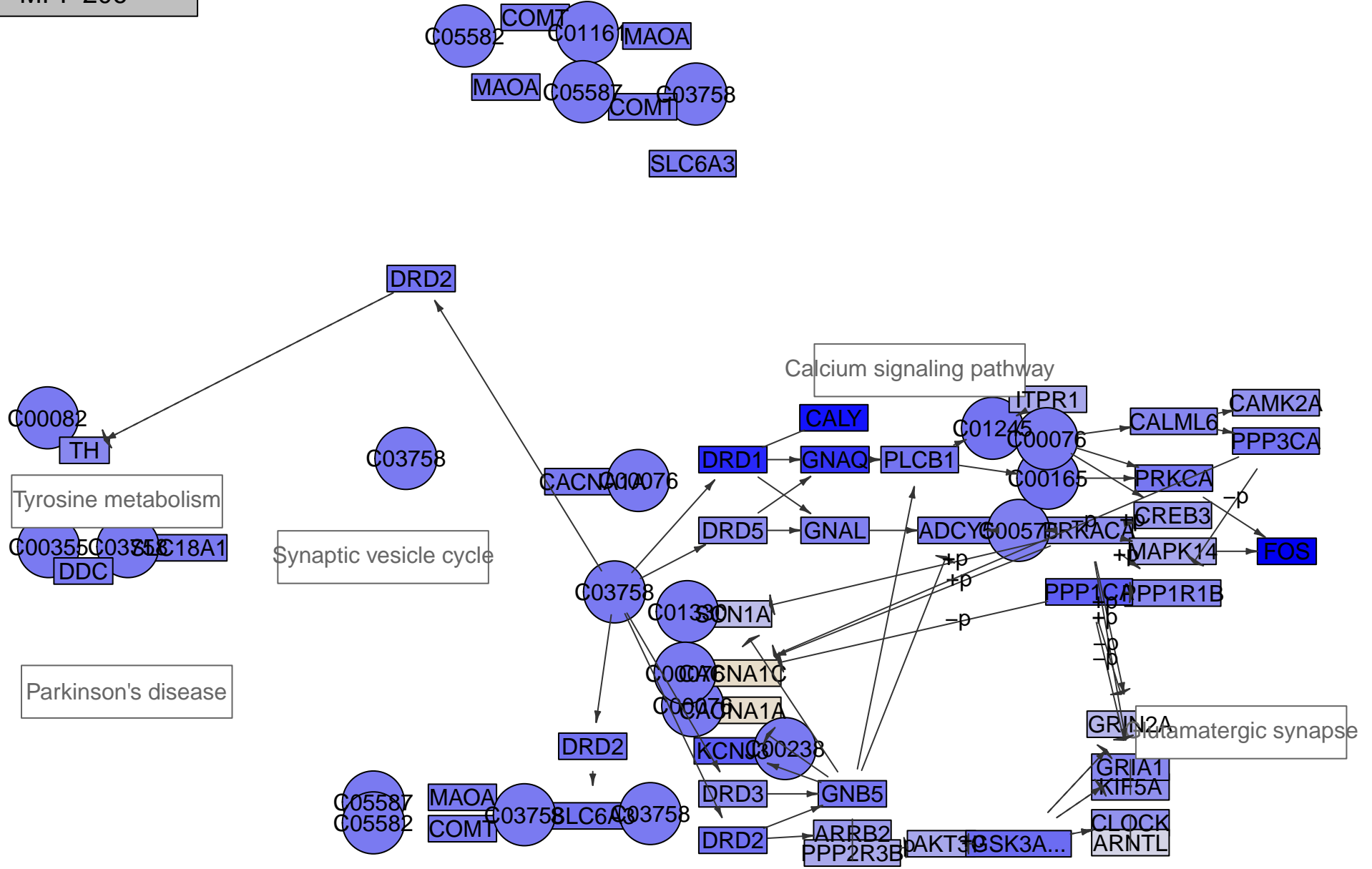
Dopaminergic synapse

Parkinson's disease

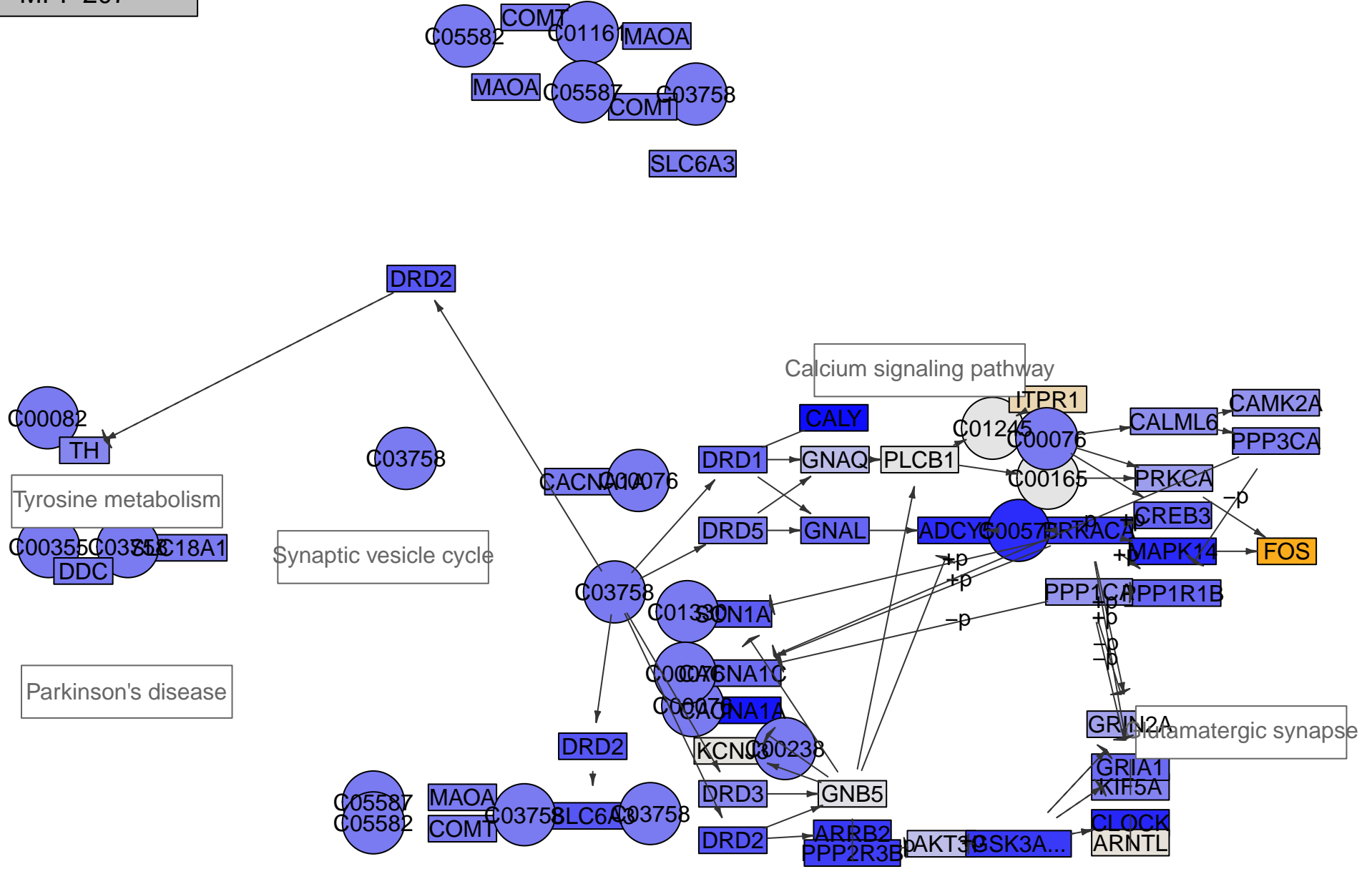
Dopaminergic synapse
MPI-205



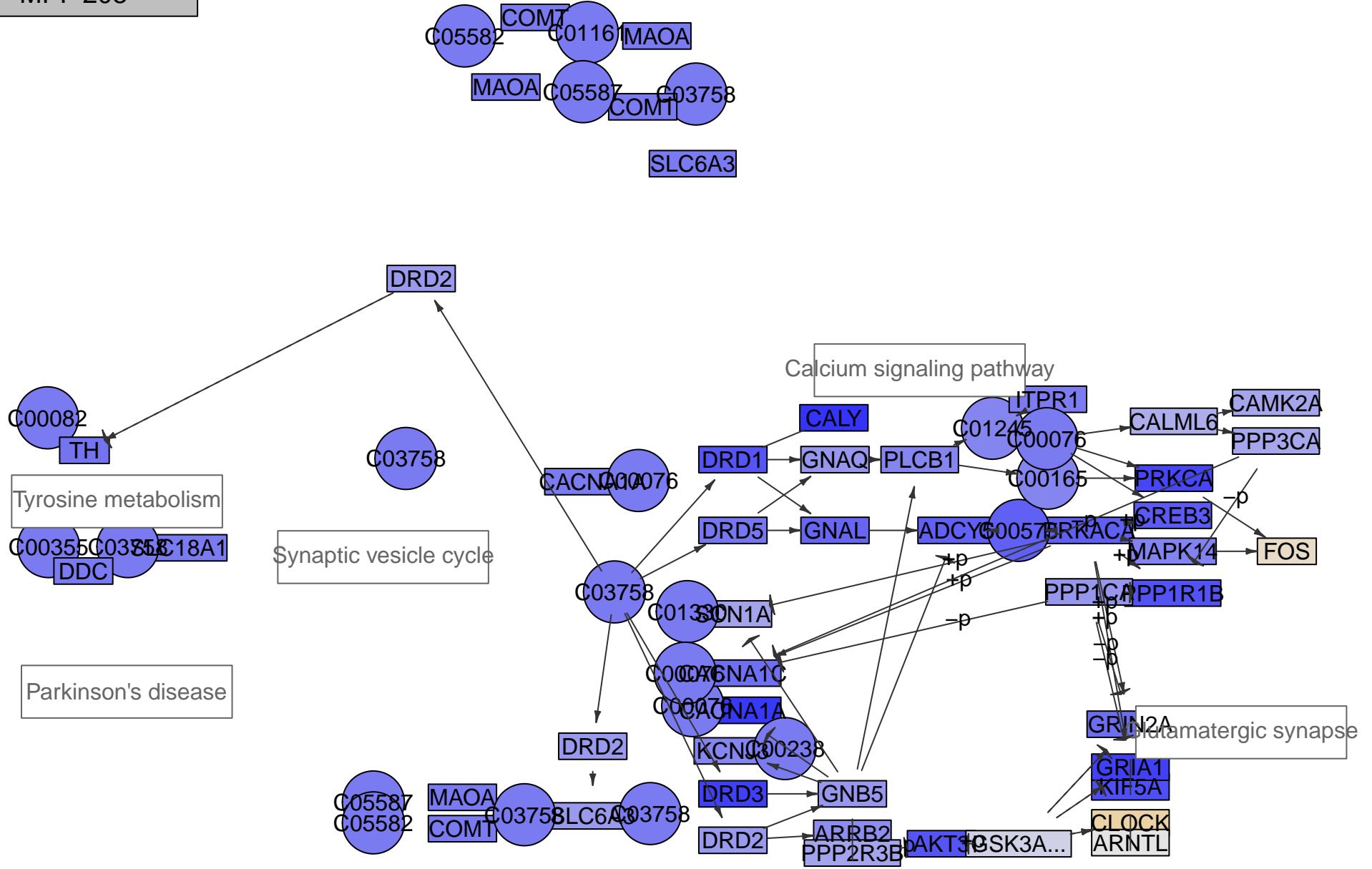
Dopaminergic synapse
MPI-206



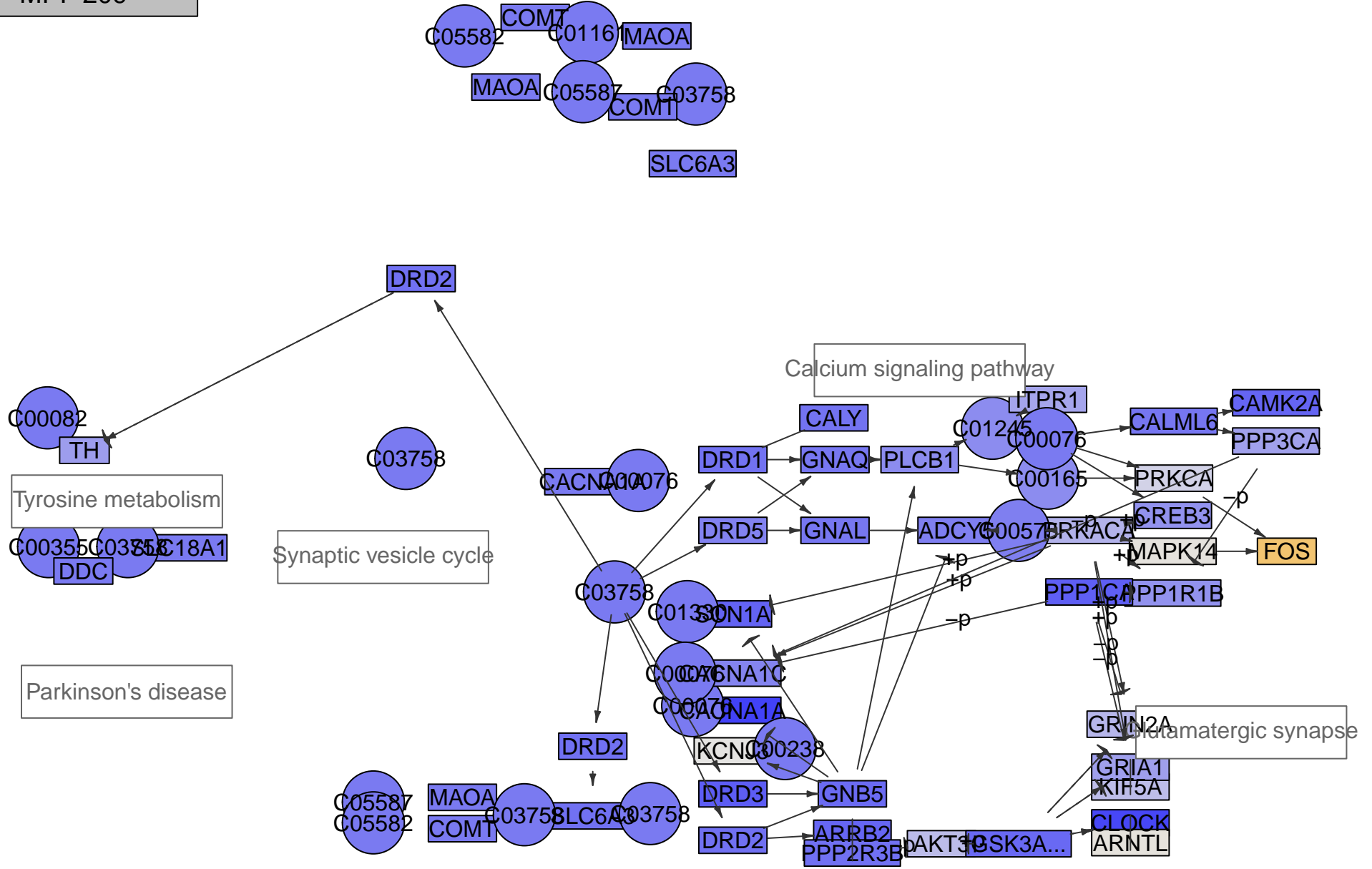
Dopaminergic synapse
MPI-207



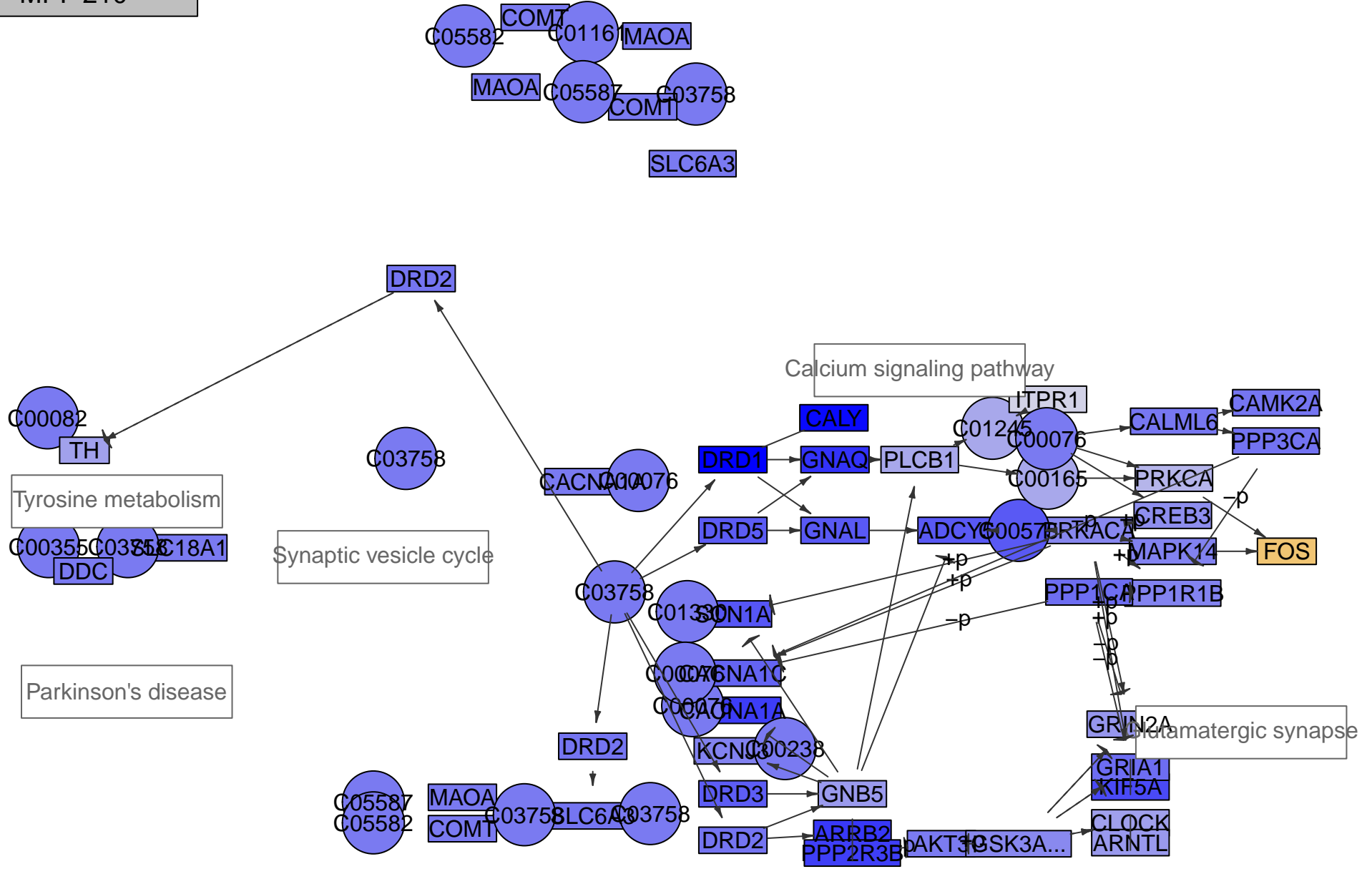
Dopaminergic synapse
MPI-208



Dopaminergic synapse
MPI-209



Dopaminergic synapse
MPI-210



Tyrosine metabolism
C00082 TH
C00355 C03358 C18A1
DDC

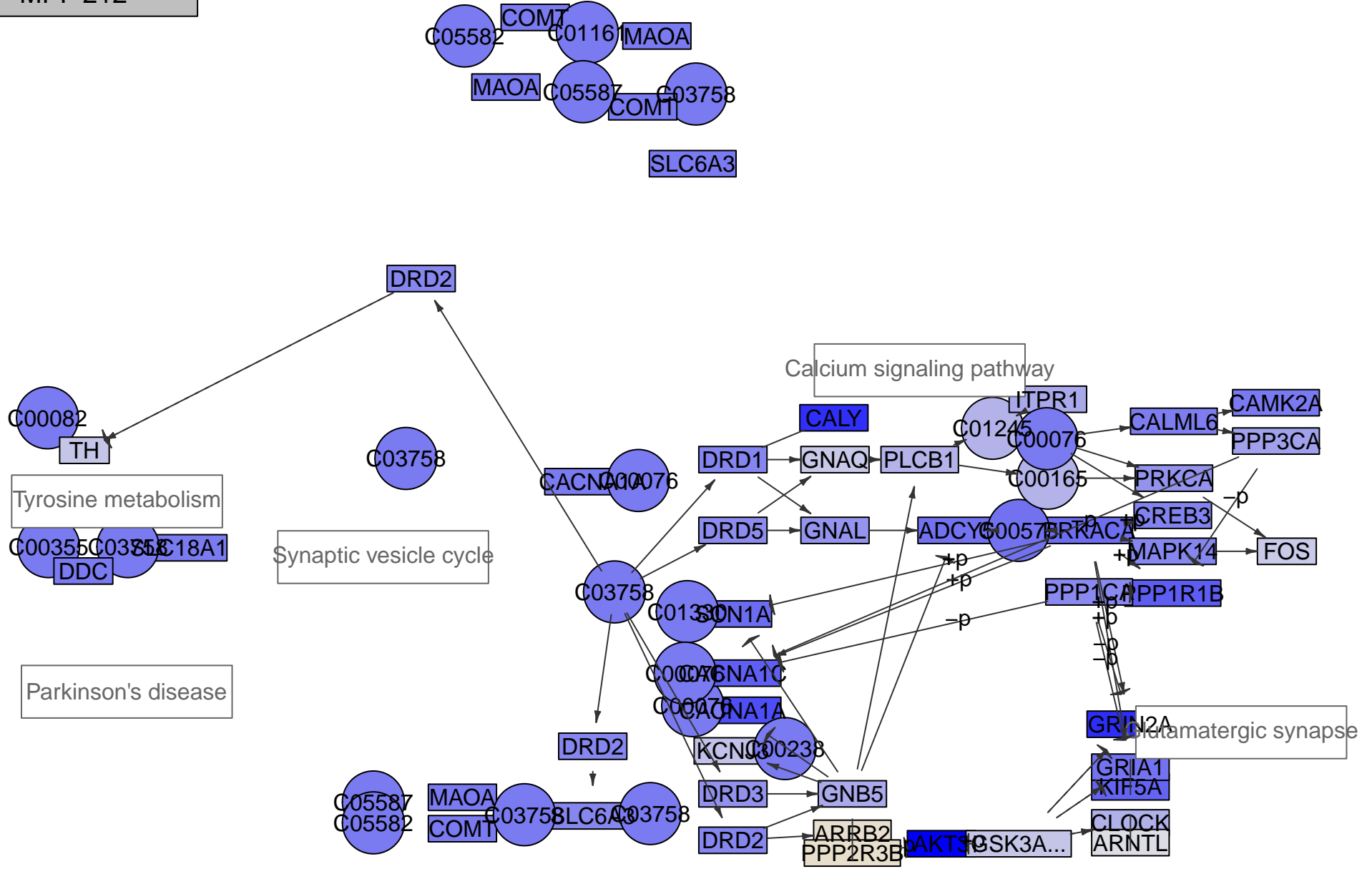
Synaptic vesicle cycle
C03758 CACNA1A CACNA1C CACNA1A

Parkinson's disease
C0076 SNCA
C0076 SNCA10
C0076 SNCA11

Calcium signaling pathway
ITPR1 CALML6 PRKCA CREB3 MAPK14 FOS

Dopaminergic synapse
GRIA1 KIF5A CLOCK ARNTL

Dopaminergic synapse
MPI-212



Tyrosine metabolism

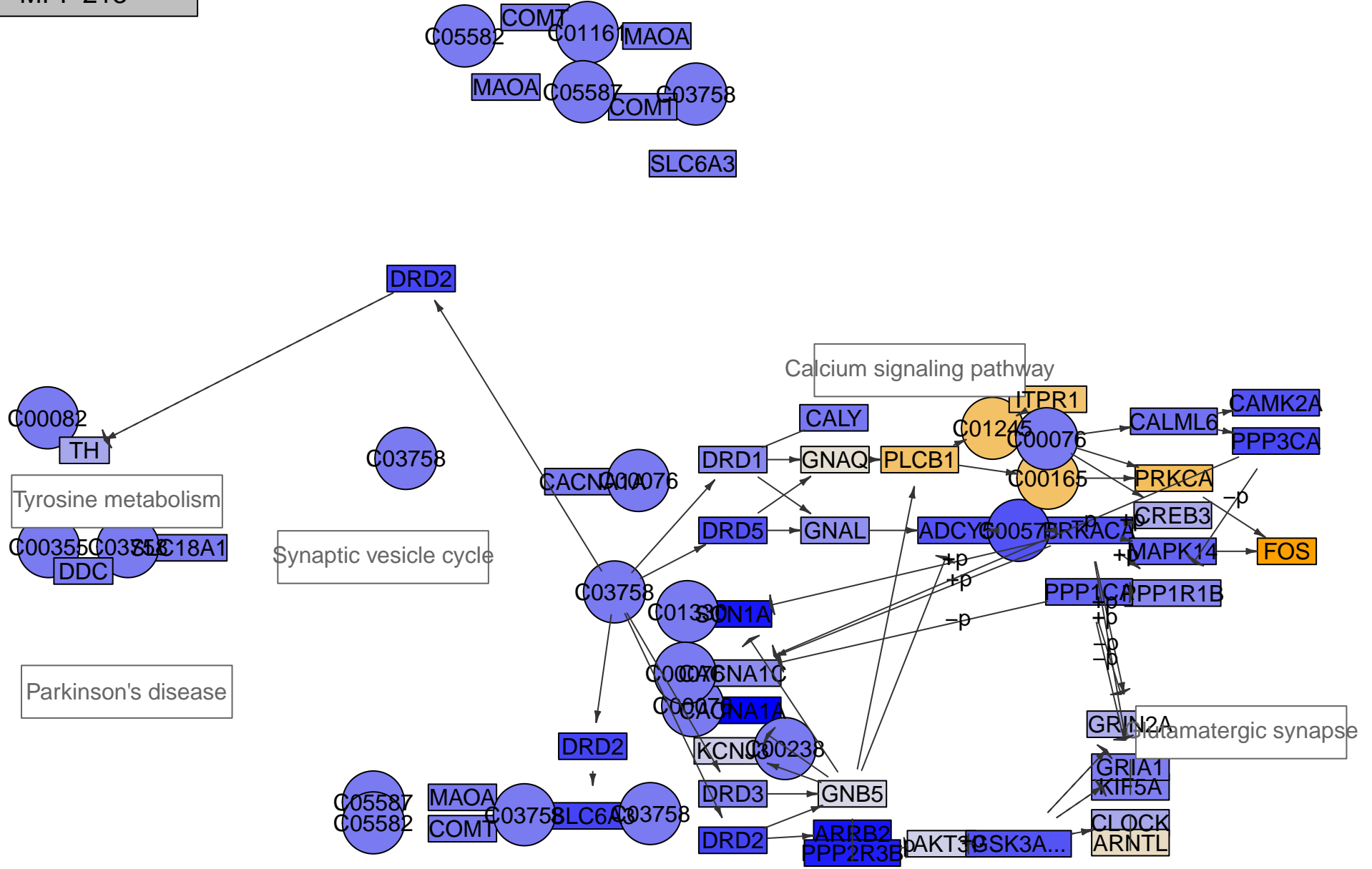
Synaptic vesicle cycle

Calcium signaling pathway

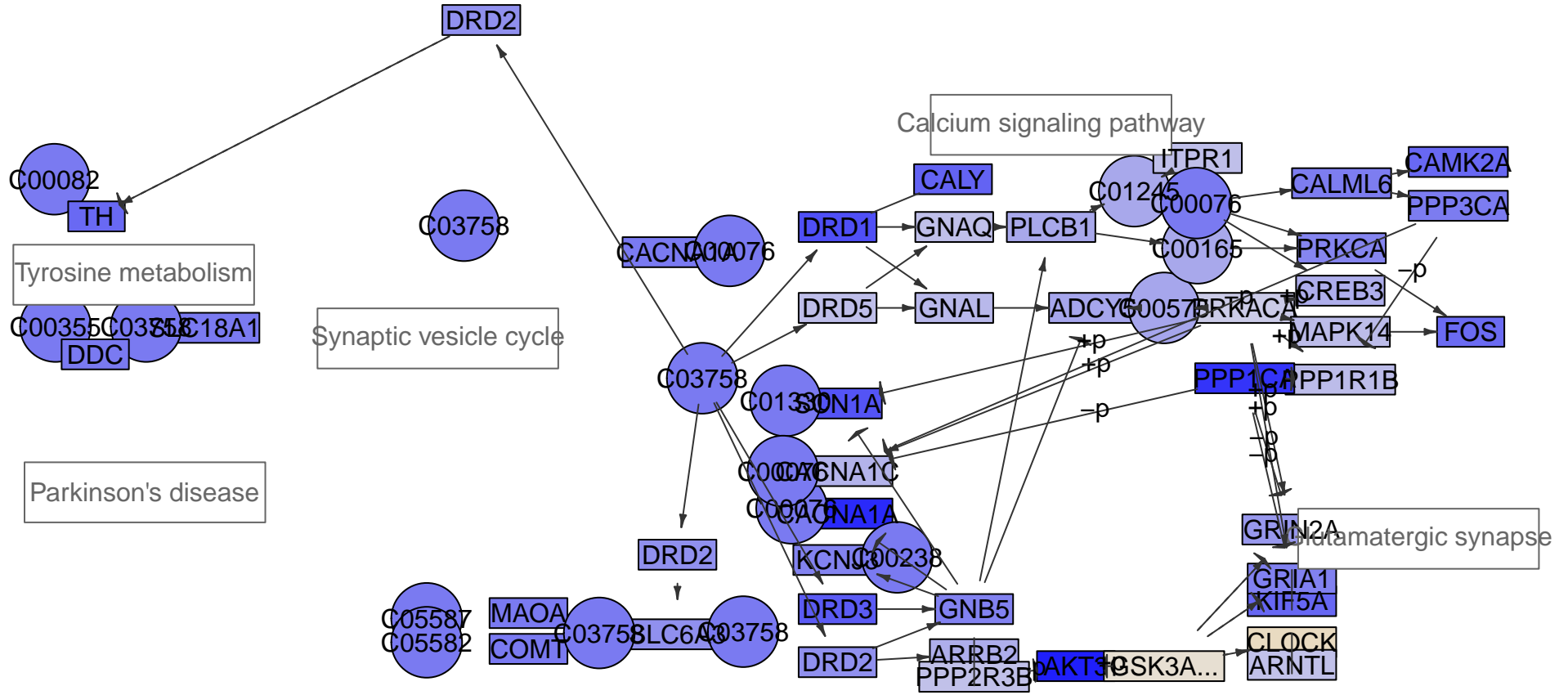
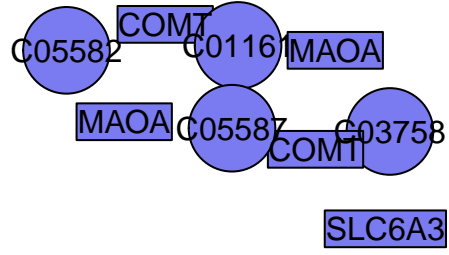
Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-213



Dopaminergic synapse
MPI-215



Tyrosine metabolism
C00355, C03358, C18A1
DDC

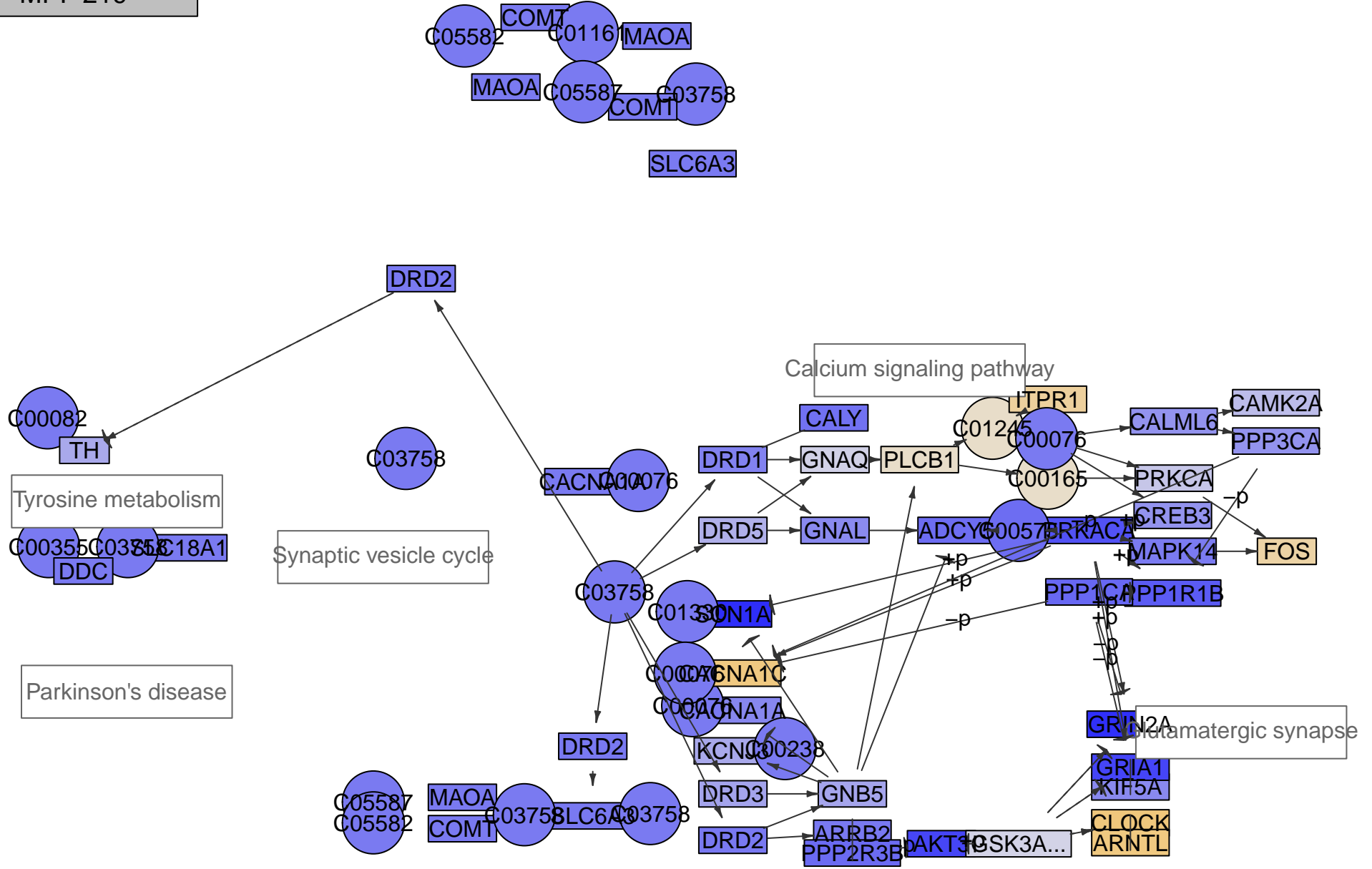
Synaptic vesicle cycle

Parkinson's disease

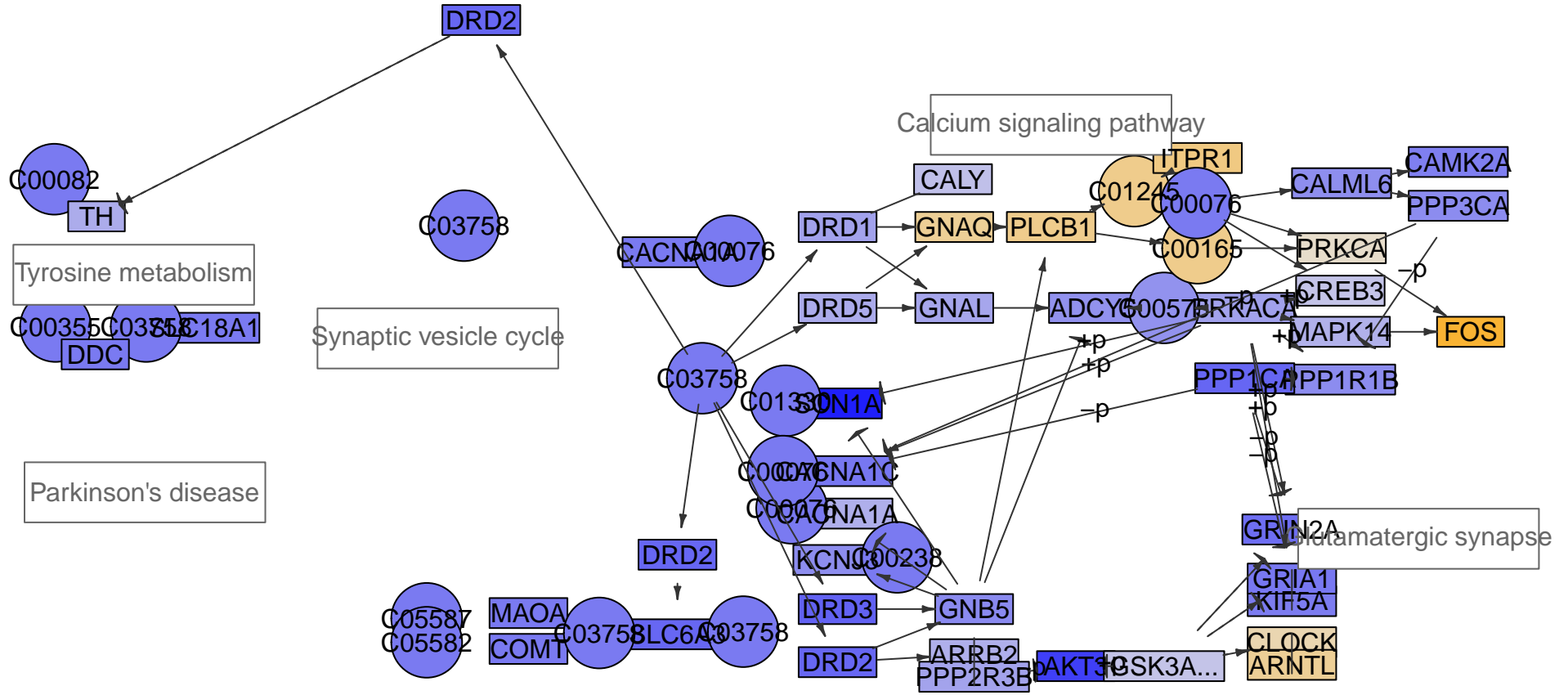
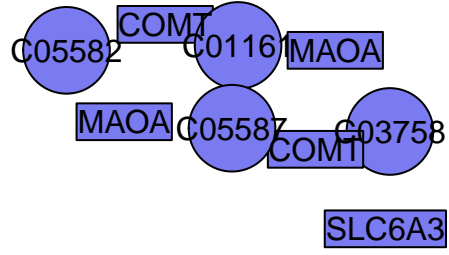
Calcium signaling pathway

Glutamatergic synapse

Dopaminergic synapse
MPI-219



Dopaminergic synapse
MPI-221



Calcium signaling pathway

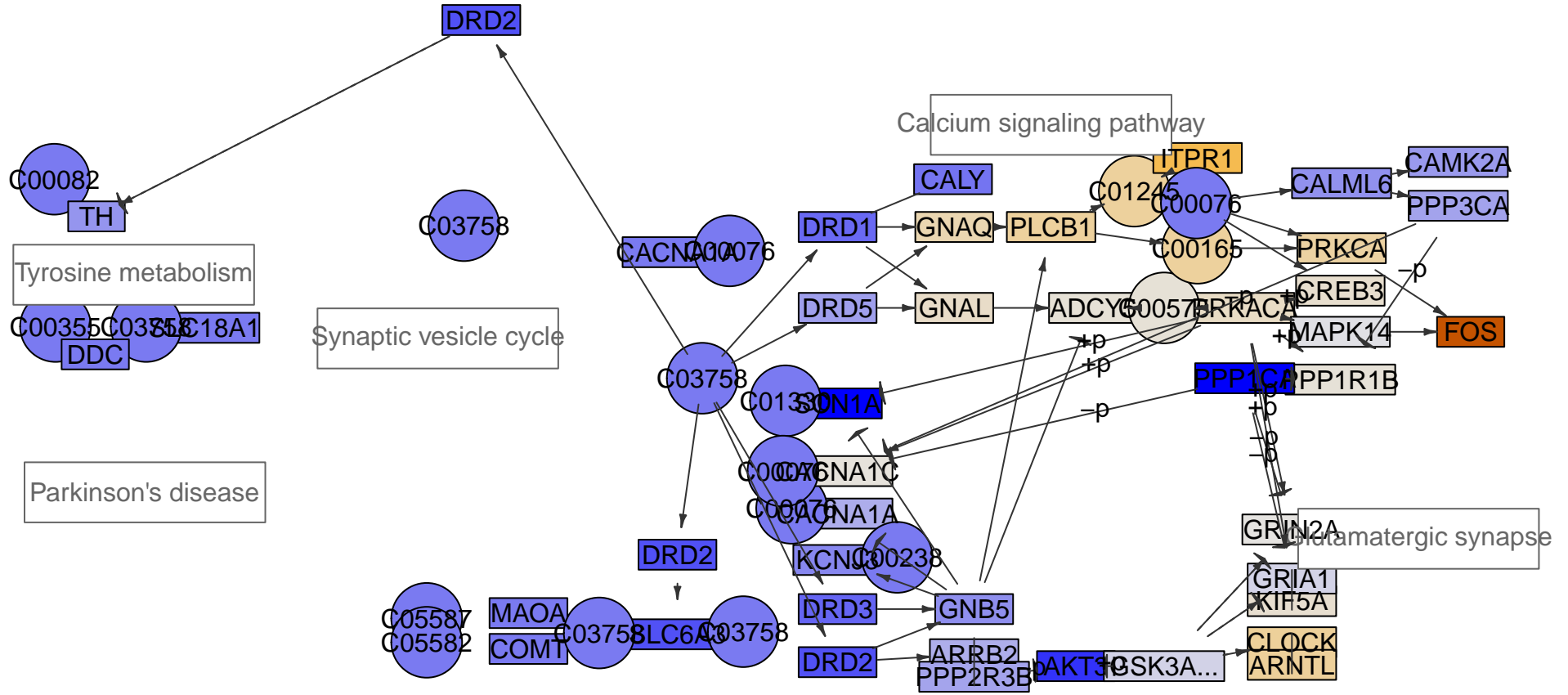
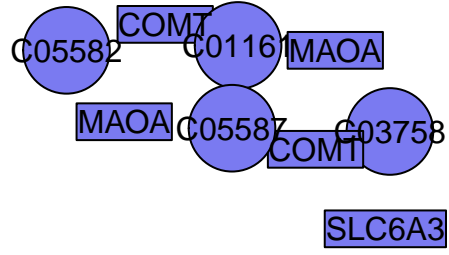
Tyrosine metabolism

Synaptic vesicle cycle

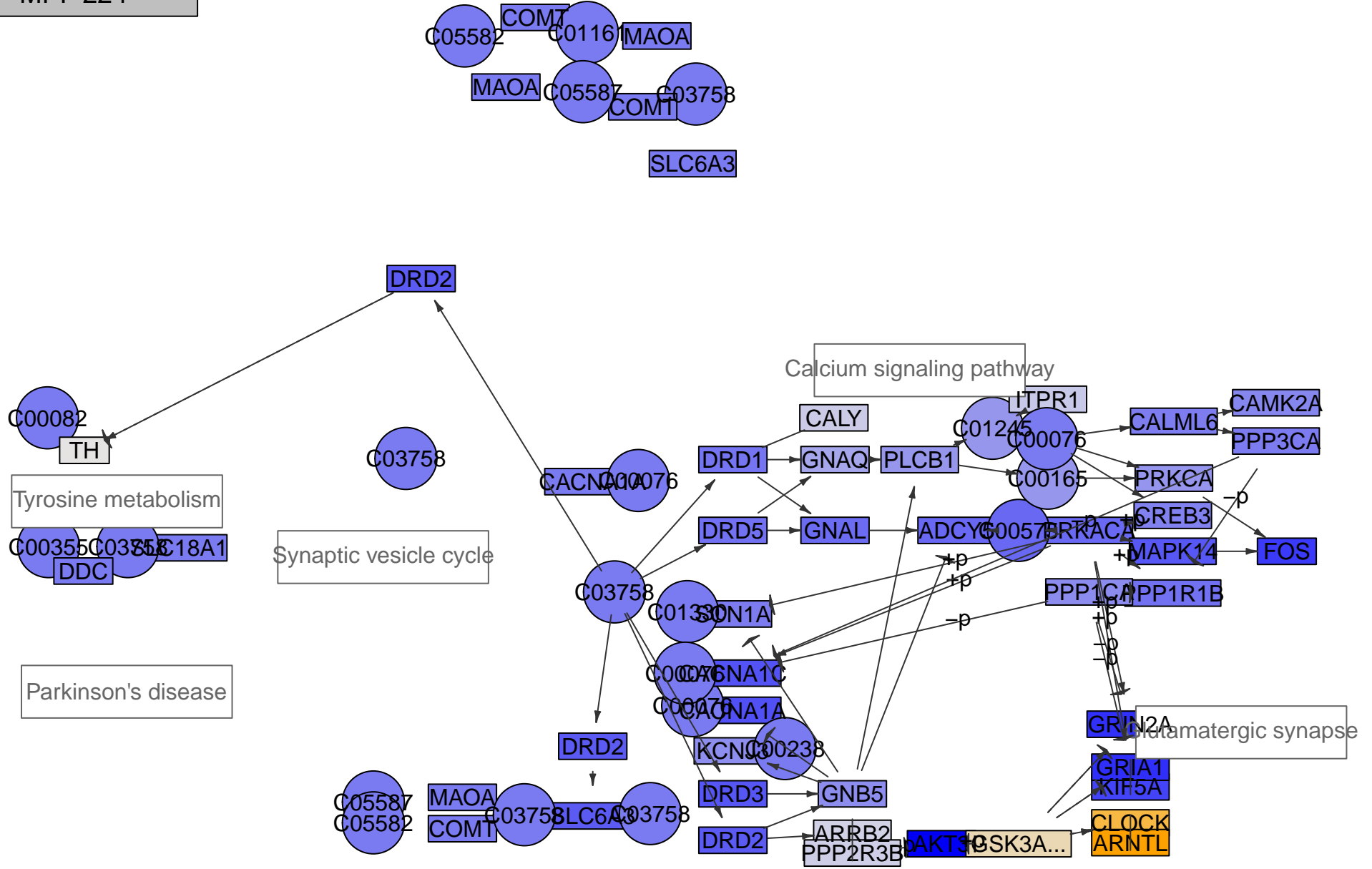
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-223a



Dopaminergic synapse
MPI-224



Tyrosine metabolism

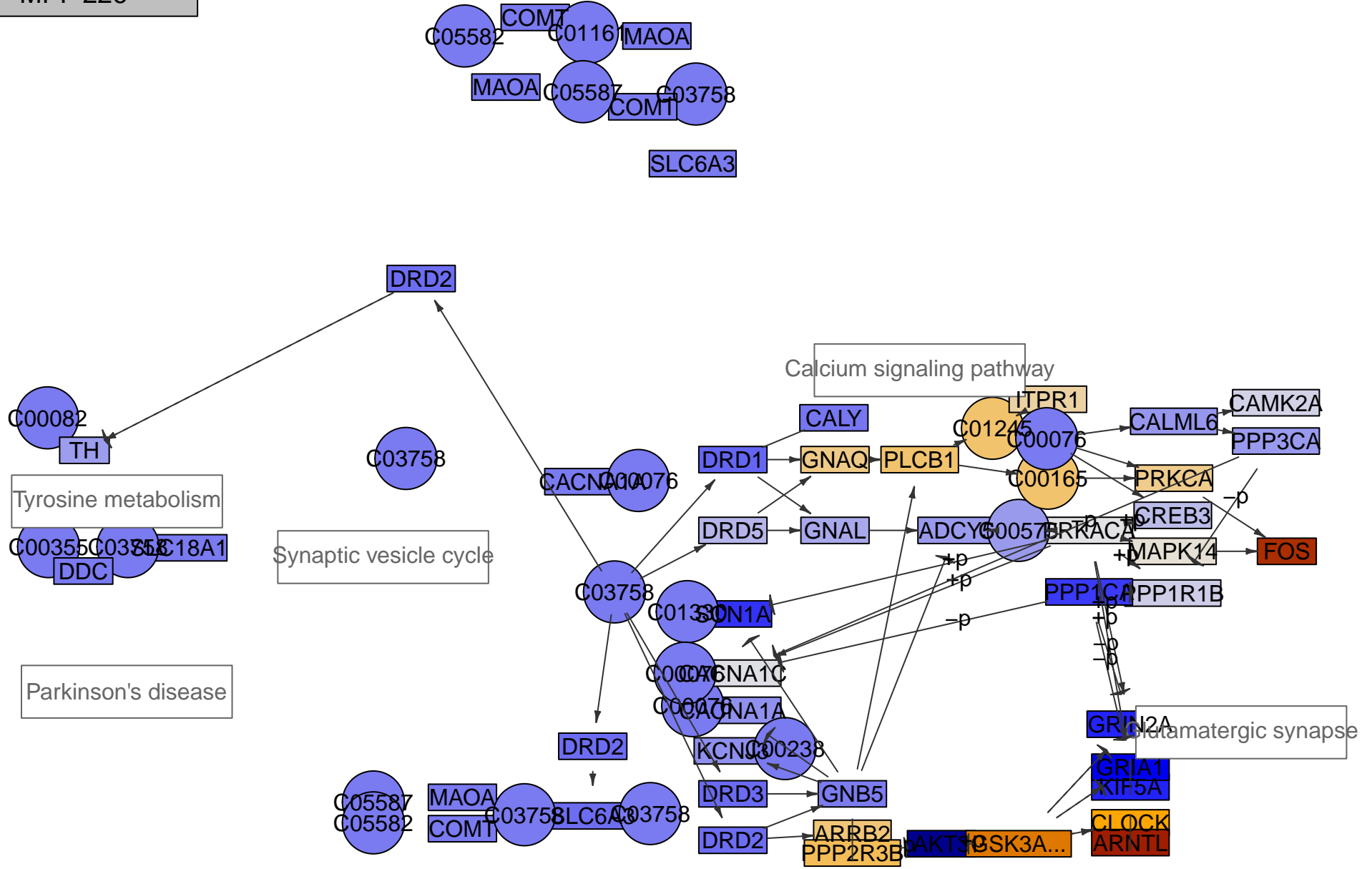
Synaptic vesicle cycle

Calcium signaling pathway

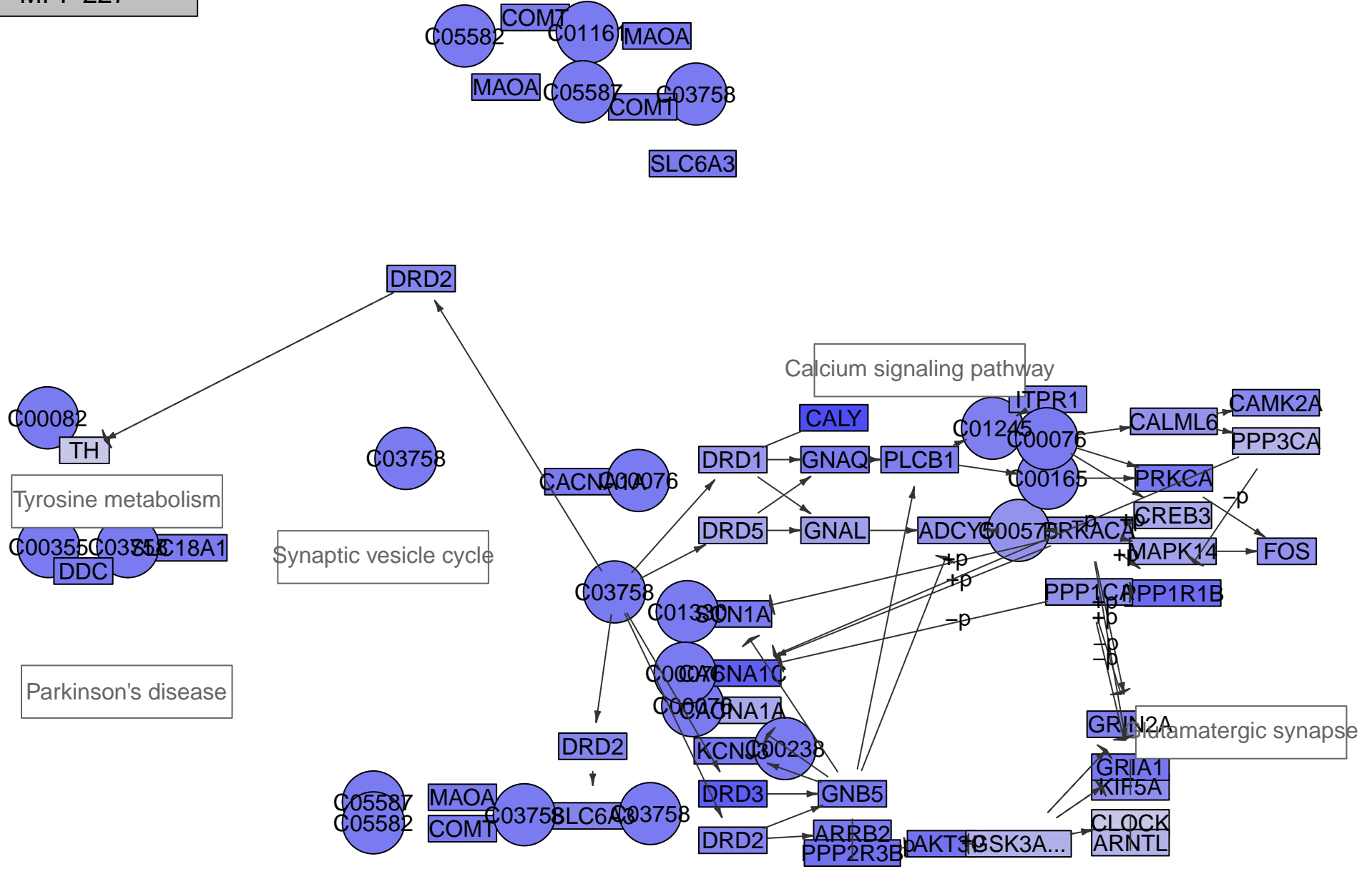
Dopaminergic synapse

Parkinson's disease

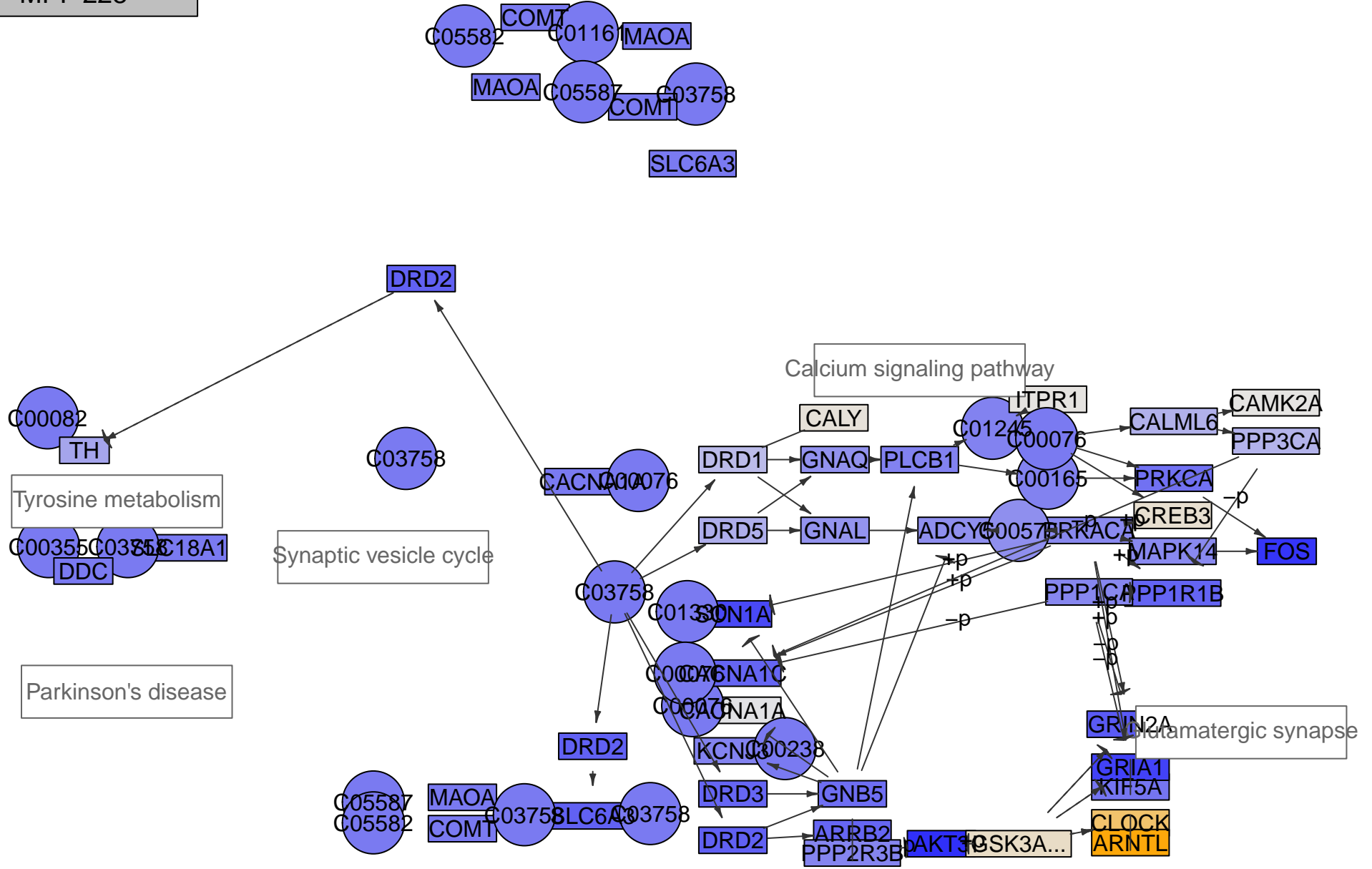
Dopaminergic synapse
MPI-226



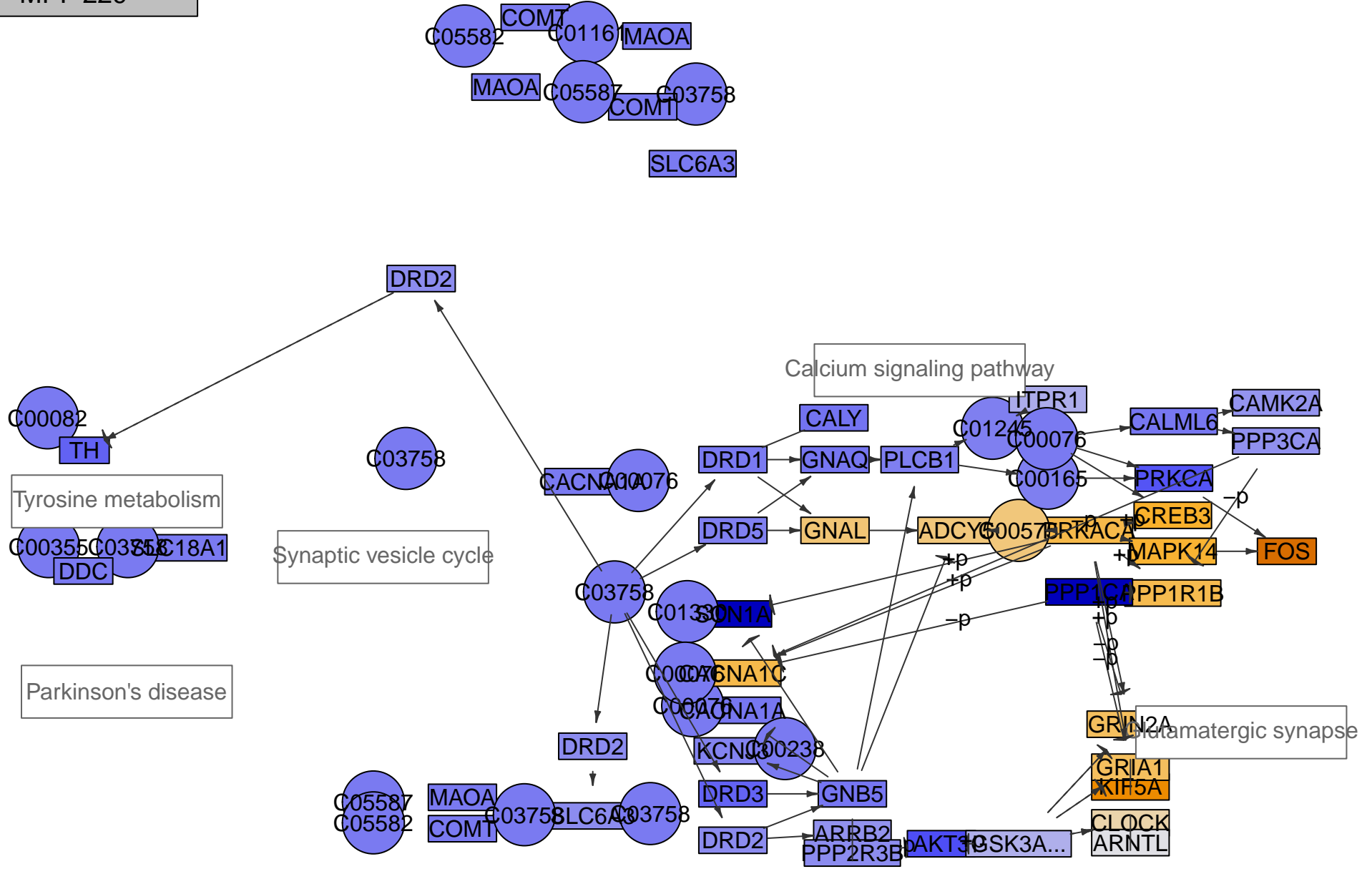
Dopaminergic synapse
MPI-227



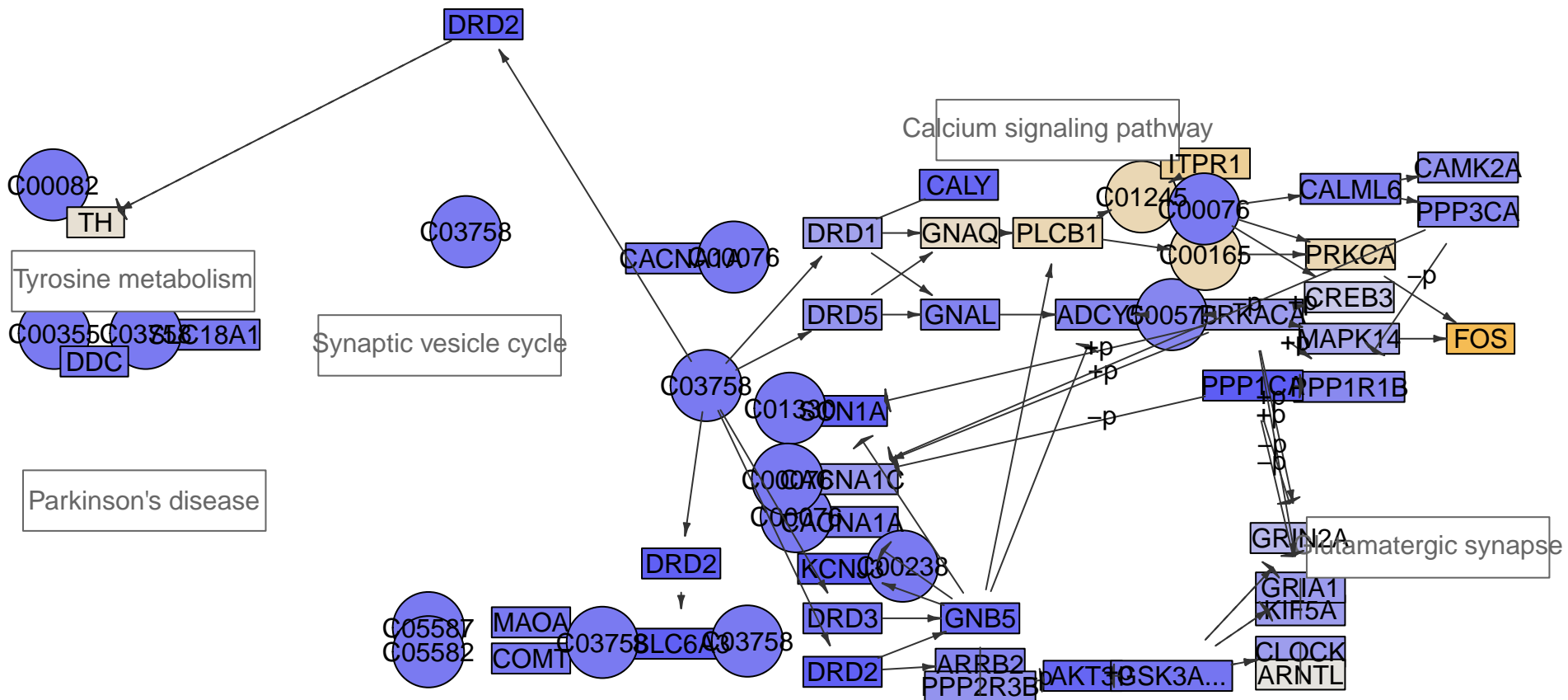
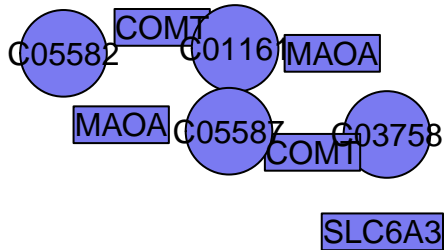
Dopaminergic synapse
MPI-228



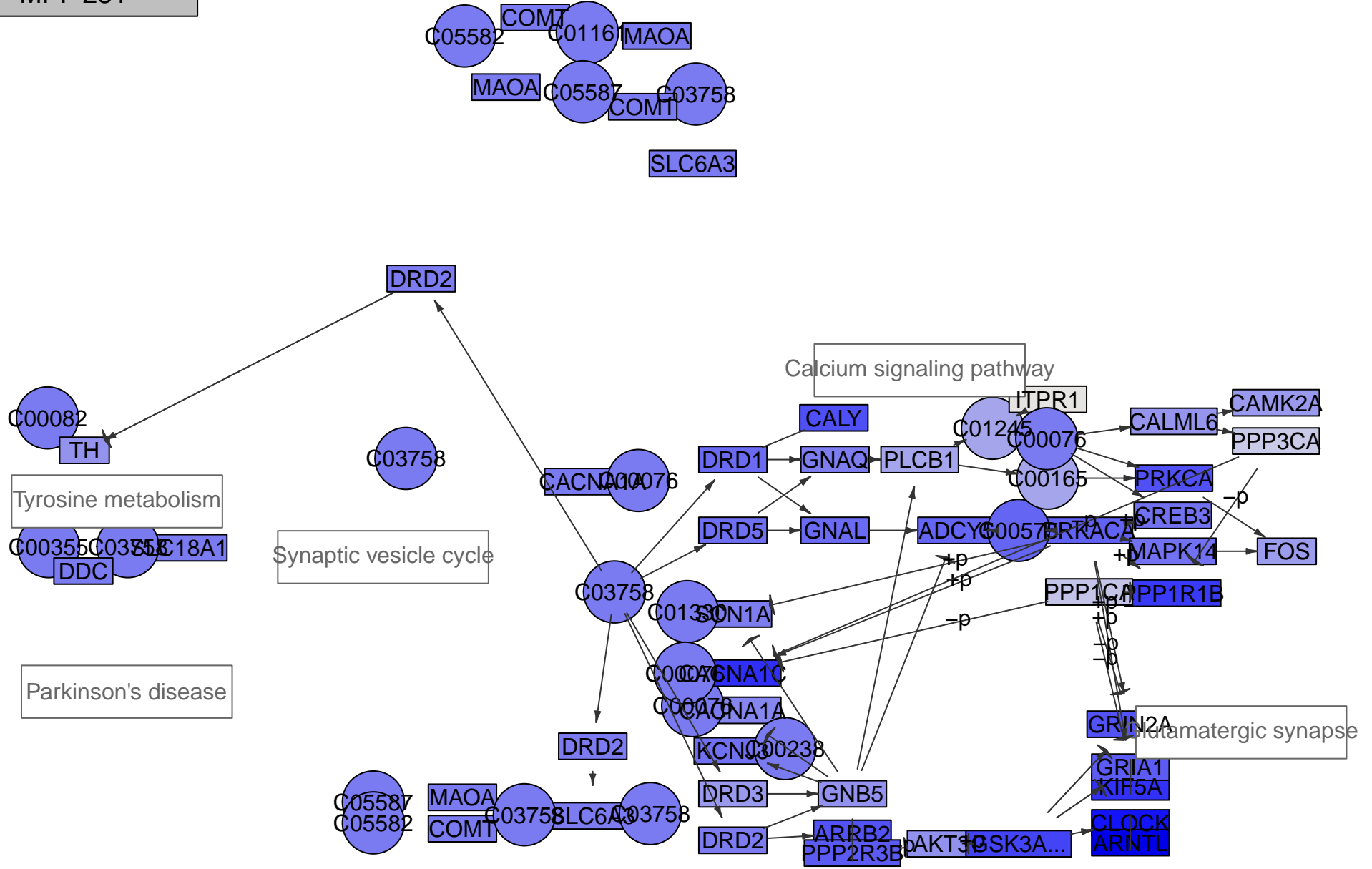
Dopaminergic synapse
MPI-229



Dopaminergic synapse
MPI-230



Dopaminergic synapse
MPI-231



Synaptic vesicle cycle

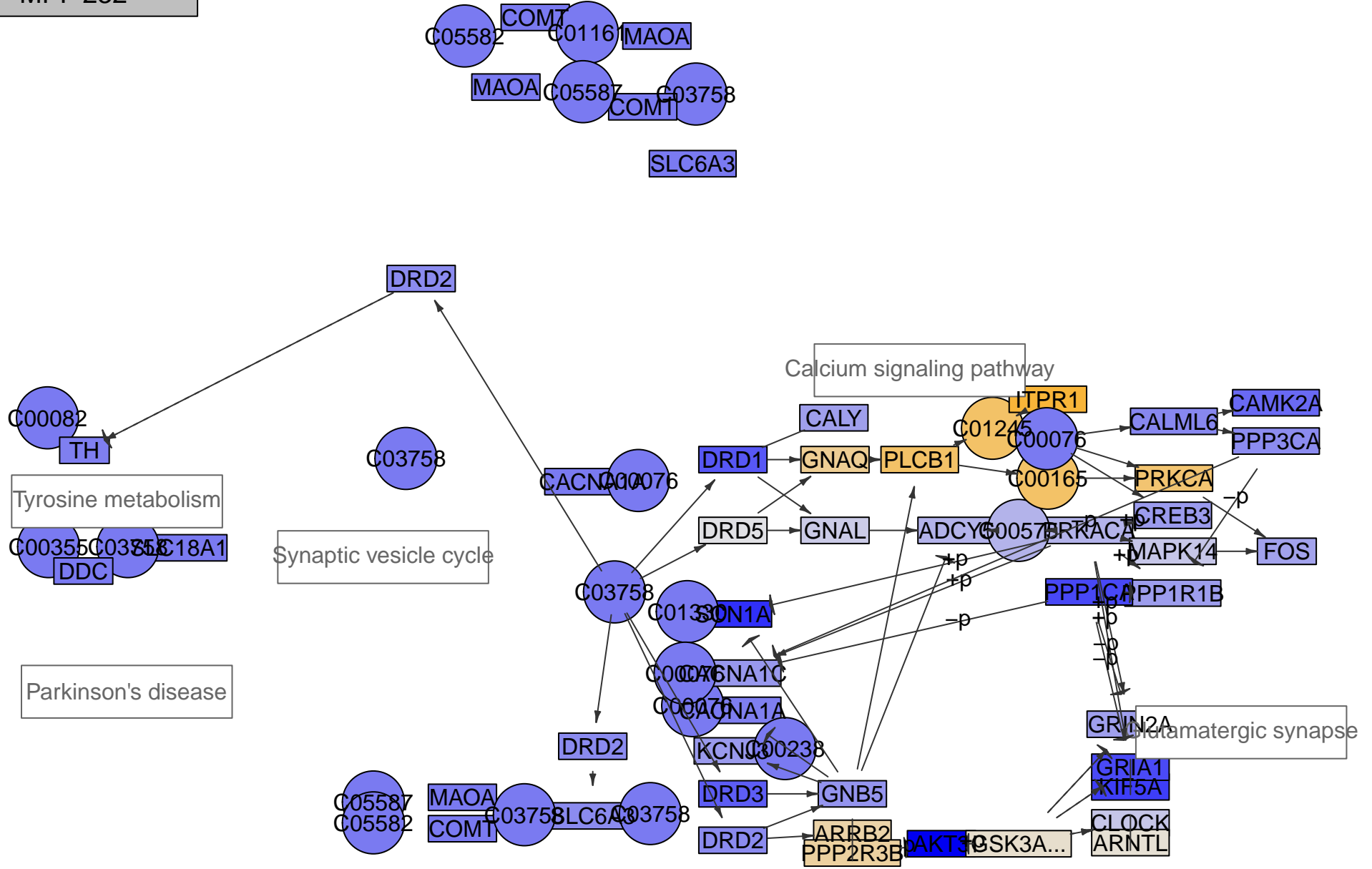
Calcium signaling pathway

Tyrosine metabolism

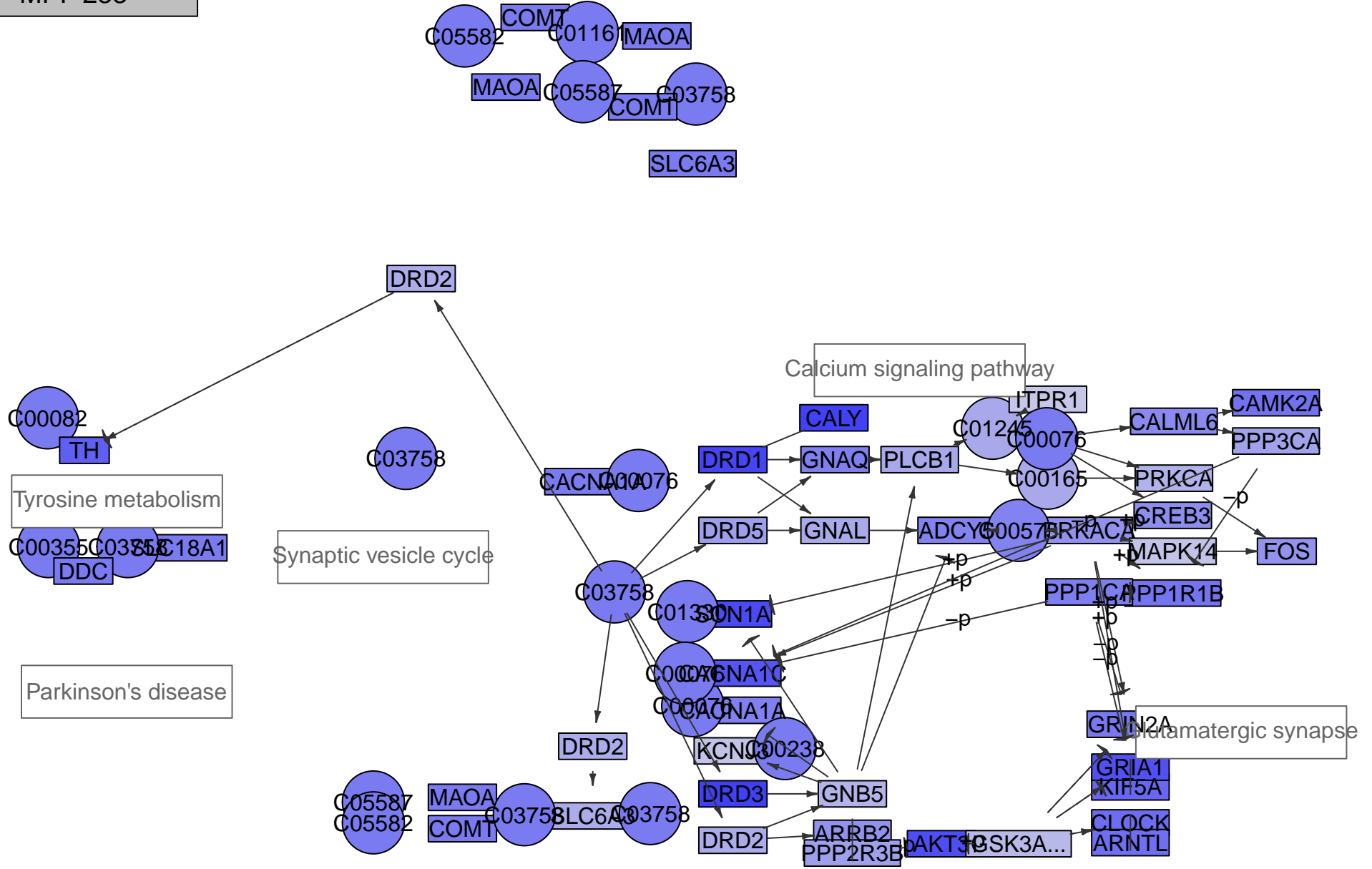
Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-232



Dopaminergic synapse
MPI-233



Tyrosine metabolism

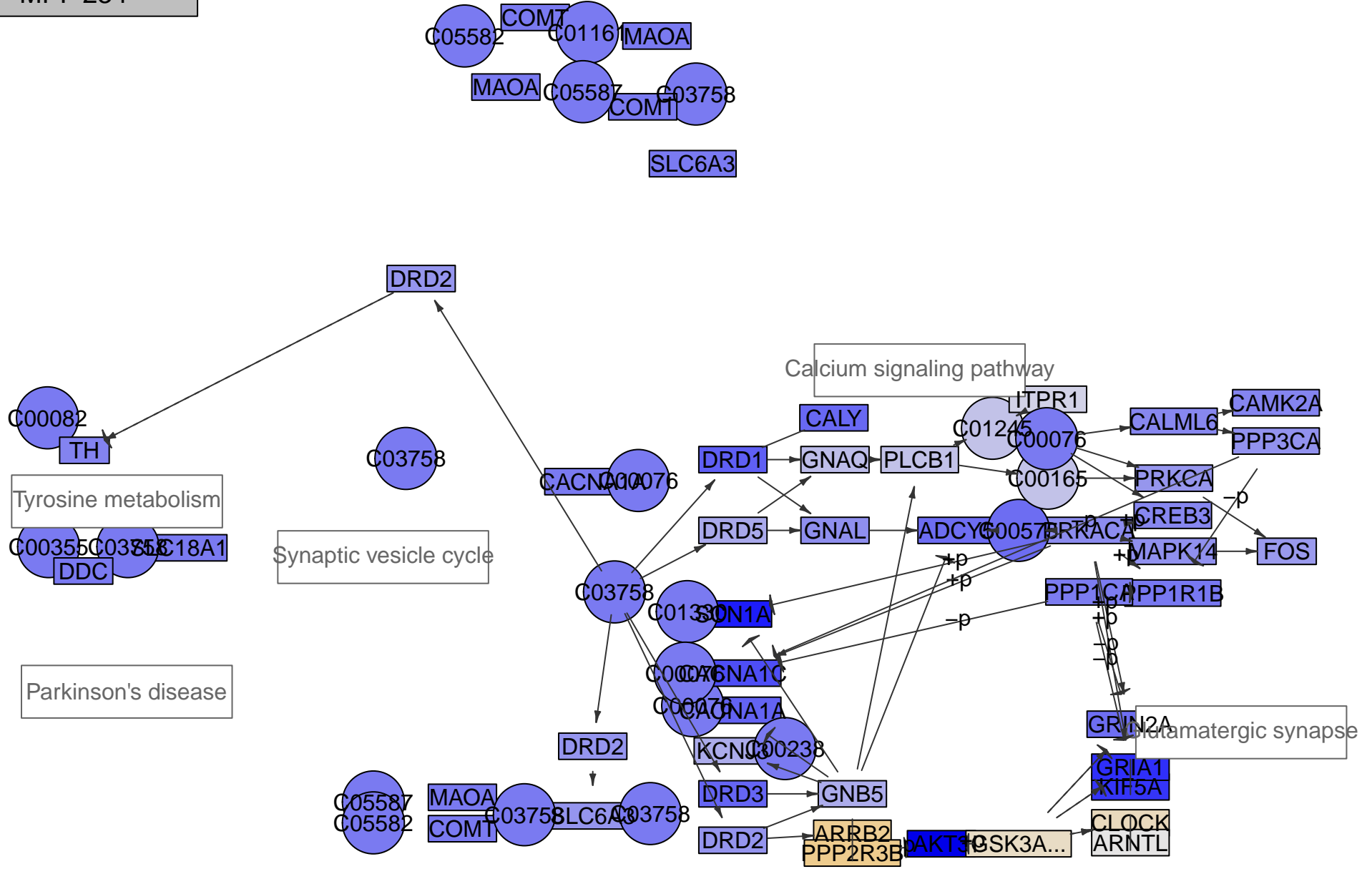
Synaptic vesicle cycle

Calcium signaling pathway

Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-234



Synaptic vesicle cycle

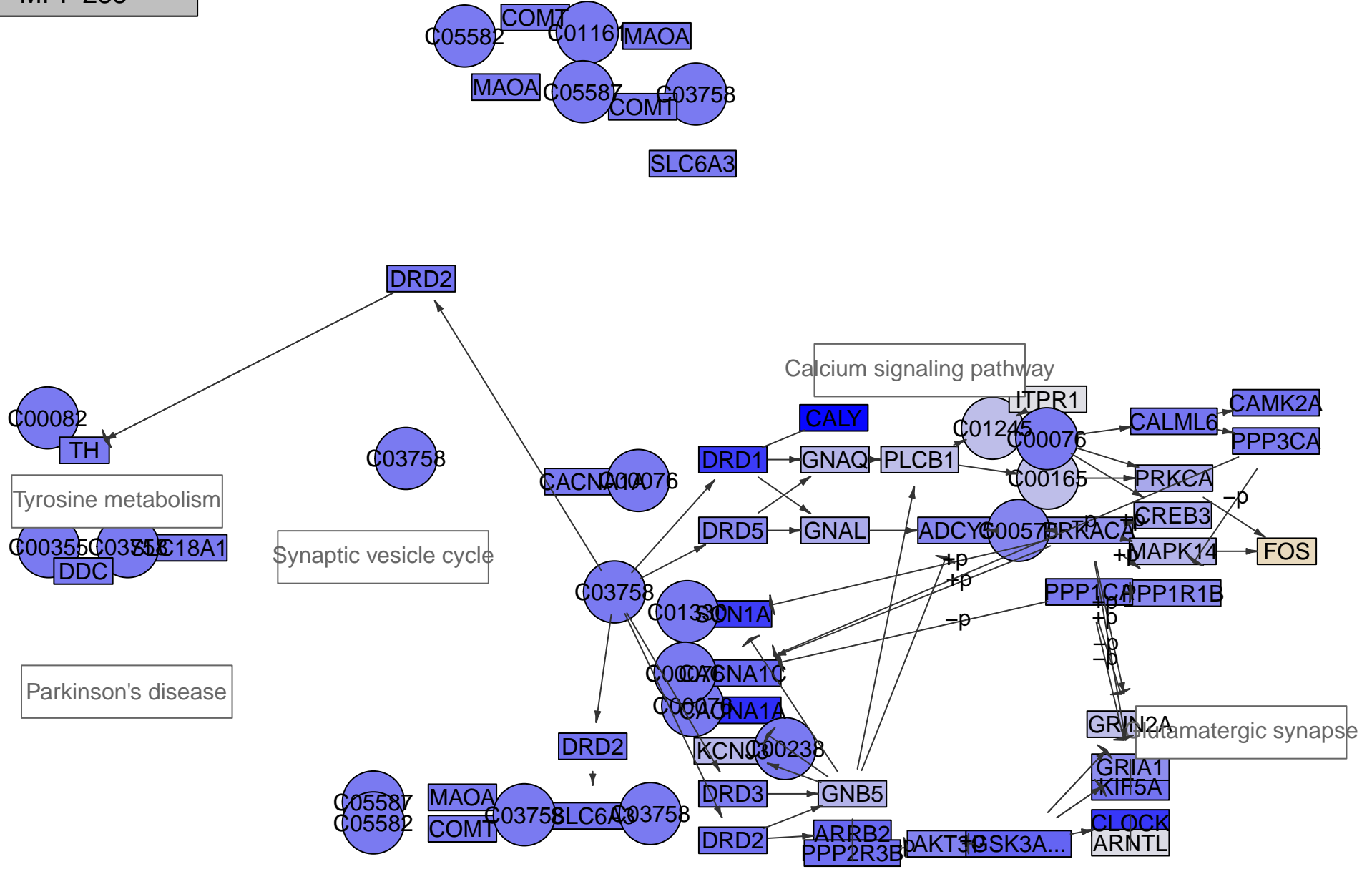
Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-235



Tyrosine metabolism

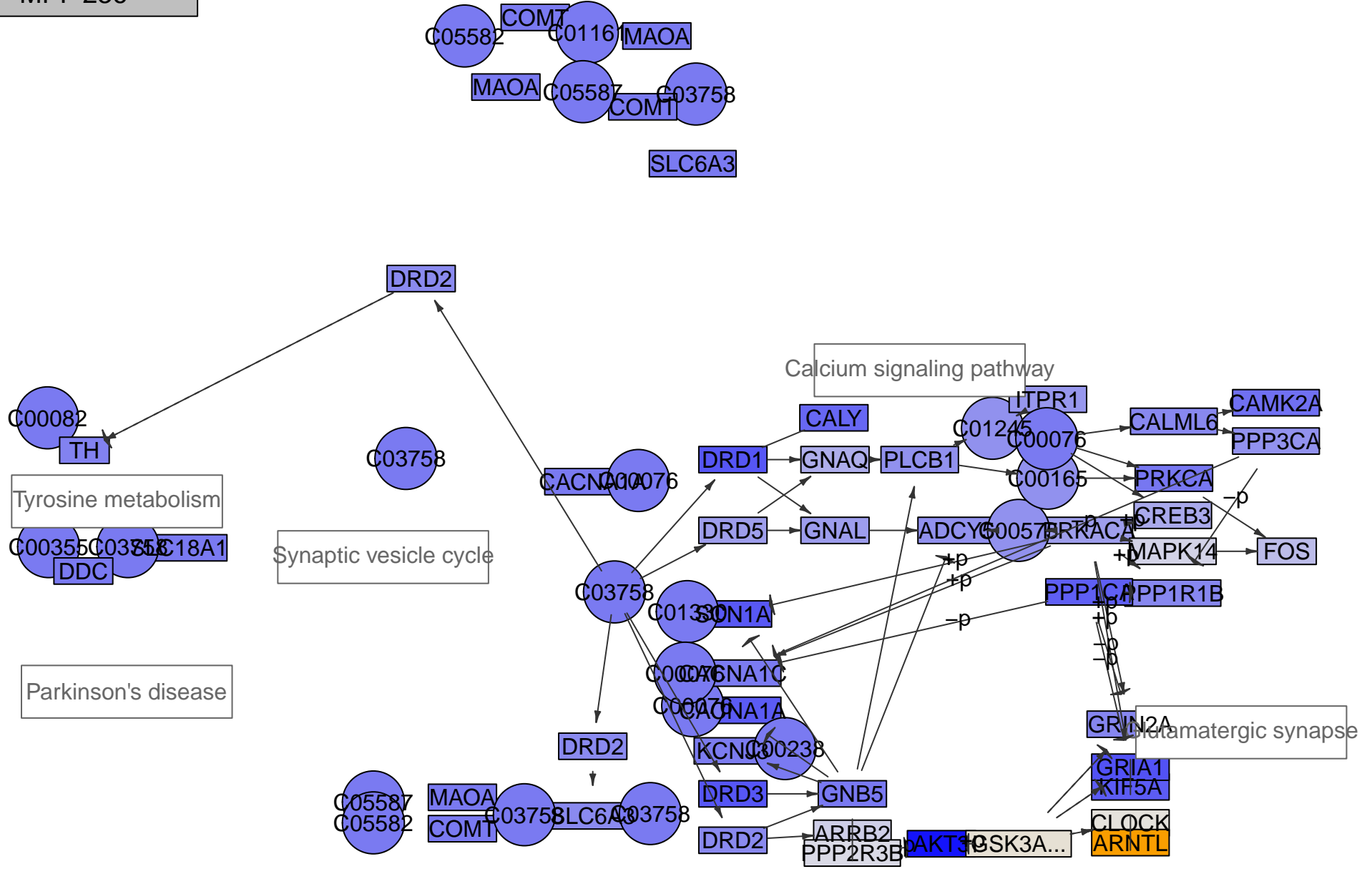
Synaptic vesicle cycle

Calcium signaling pathway

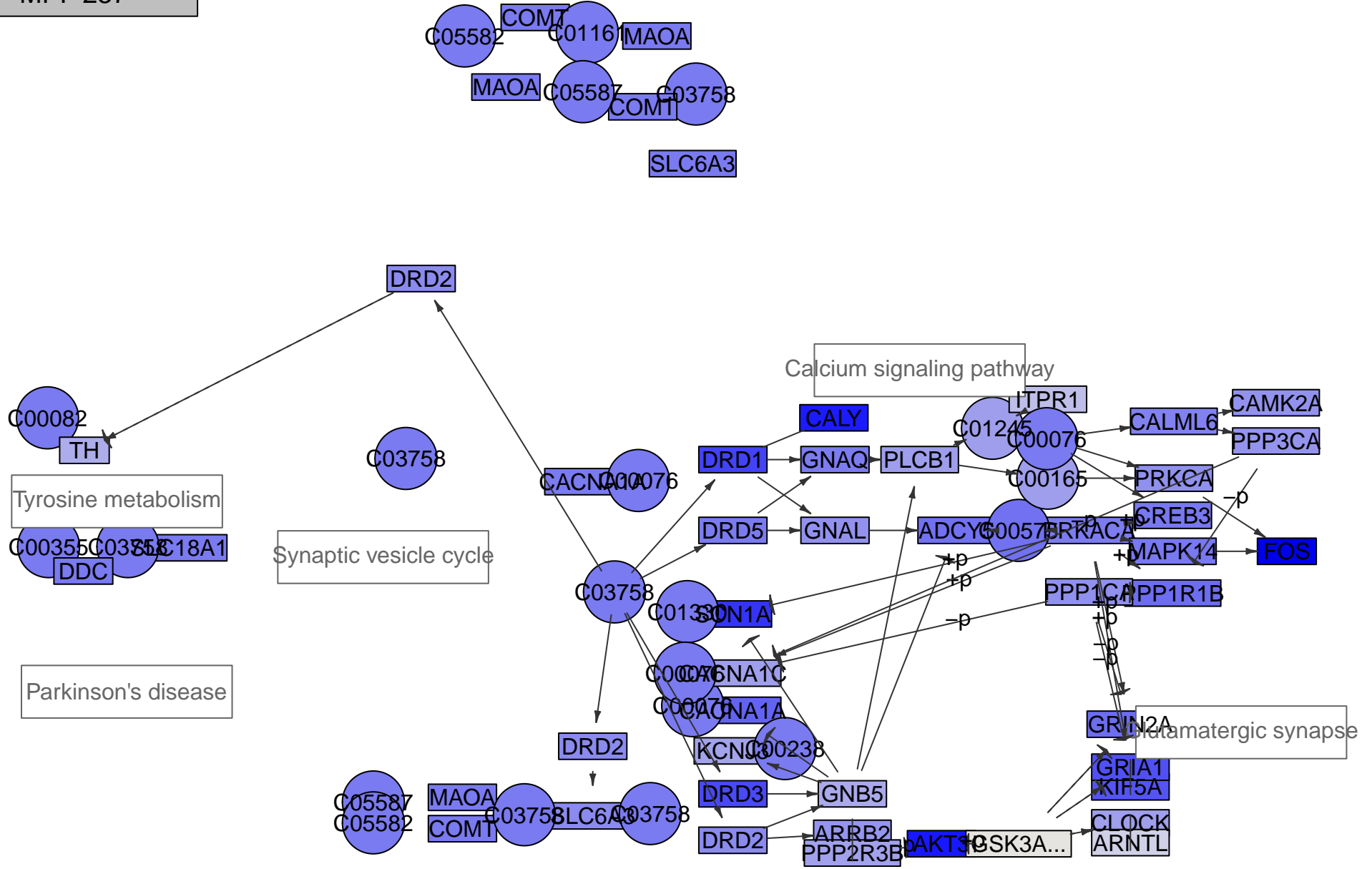
Dopaminergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-236



Dopaminergic synapse
MPI-237



Synaptic vesicle cycle

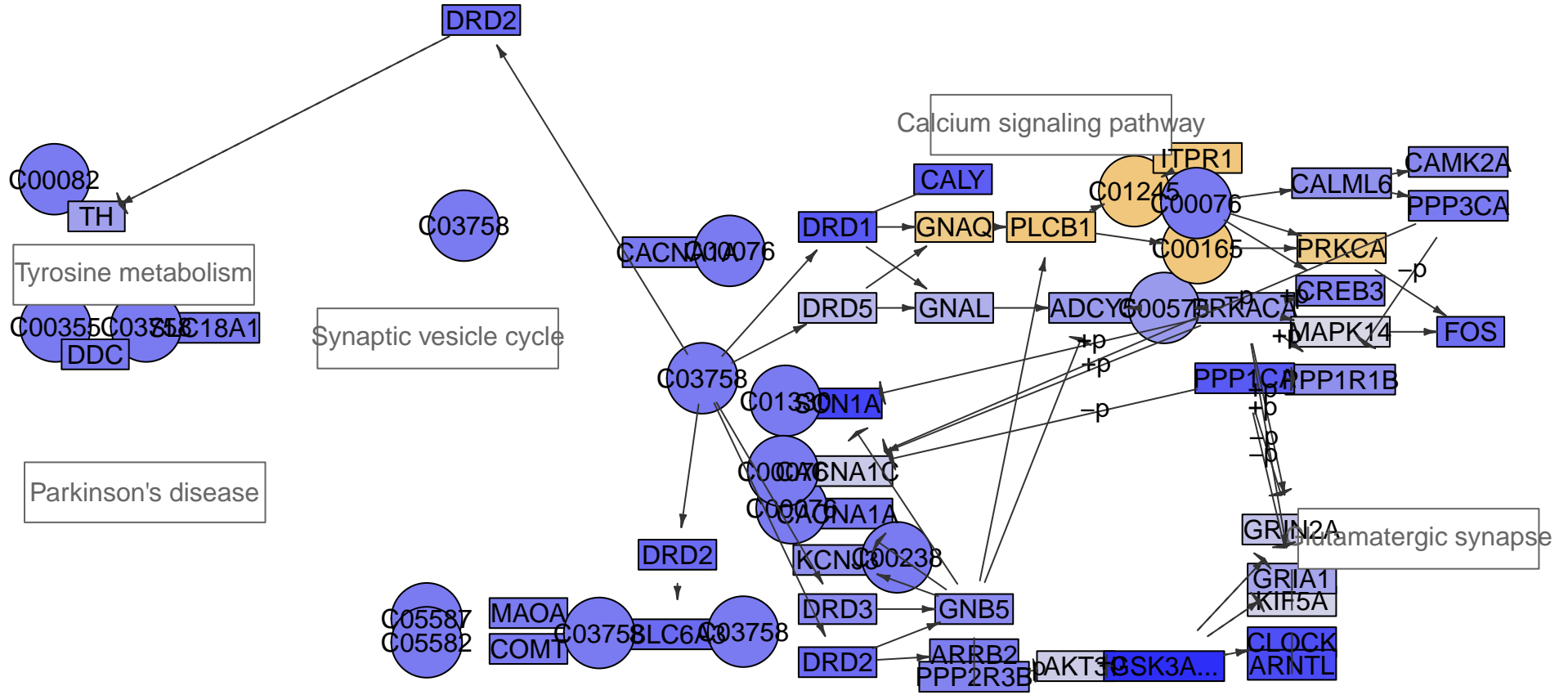
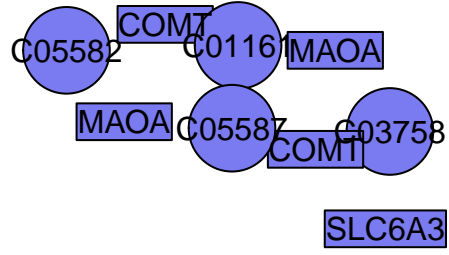
Calcium signaling pathway

Glutamatergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-239



Synaptic vesicle cycle

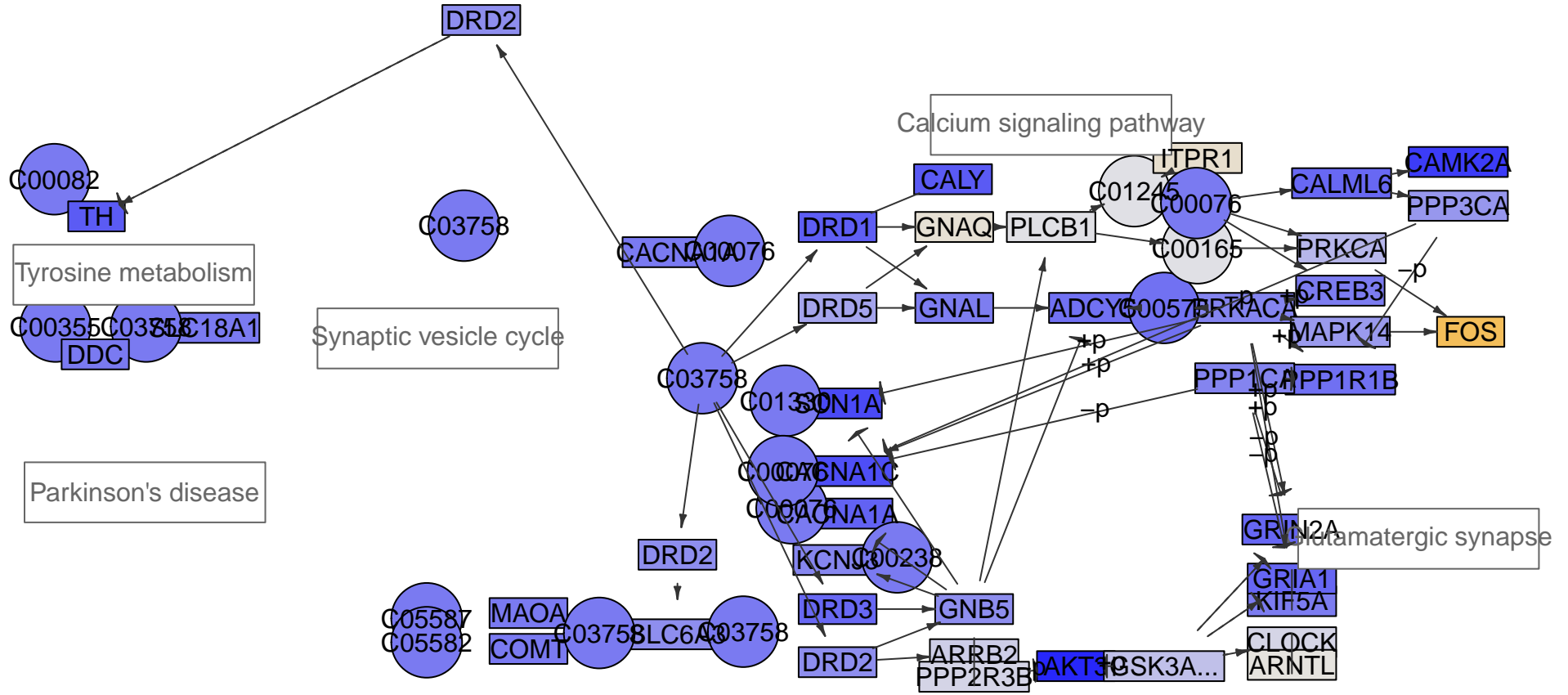
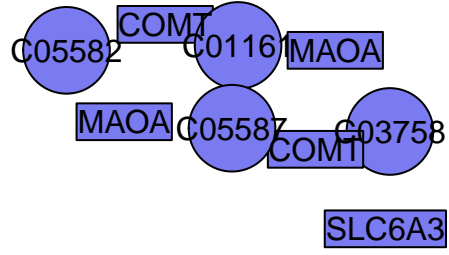
Tyrosine metabolism

Calcium signaling pathway

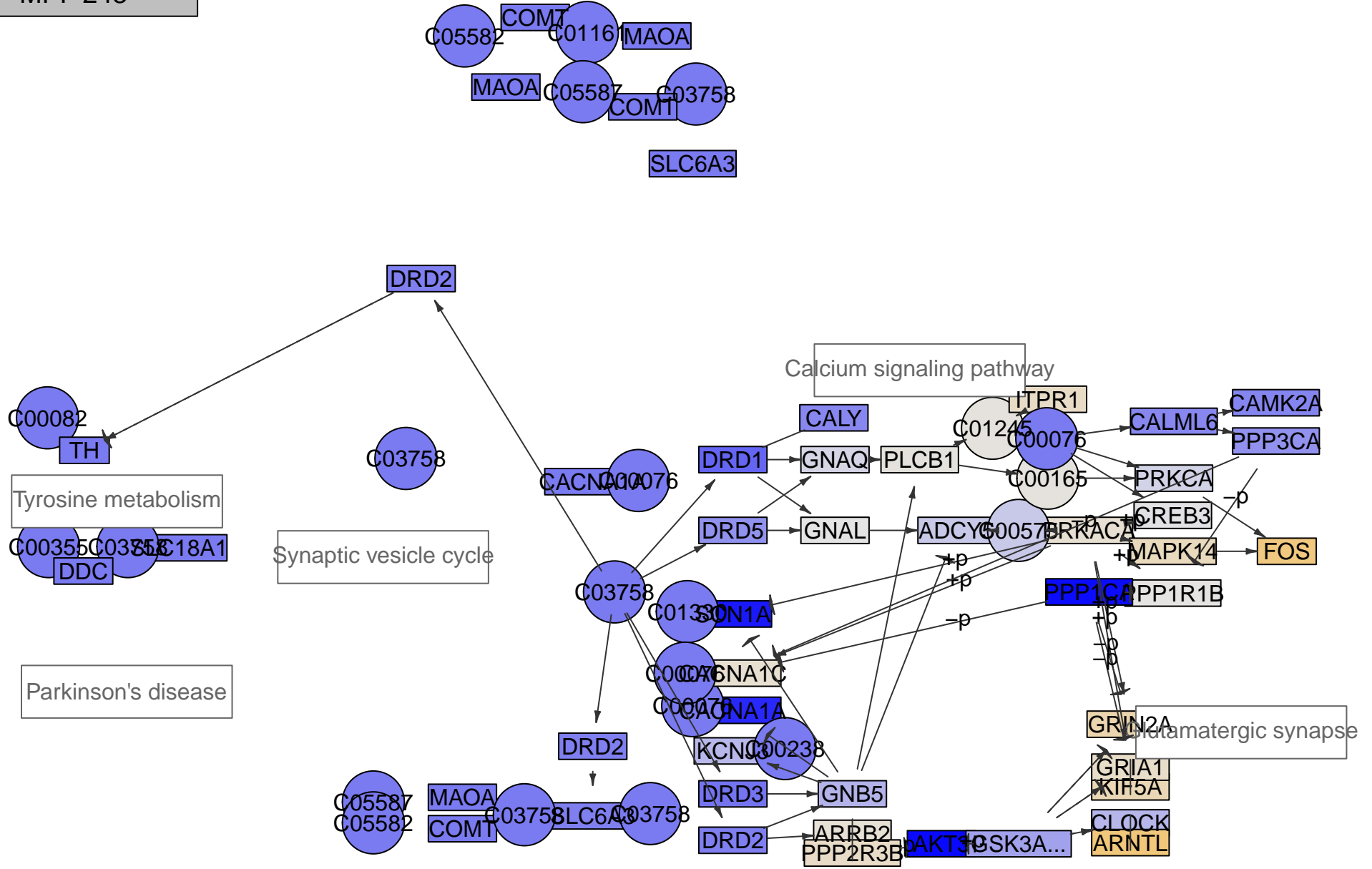
Glutamatergic synapse

Parkinson's disease

Dopaminergic synapse
MPI-241



Dopaminergic synapse
MPI-243



Synaptic vesicle cycle

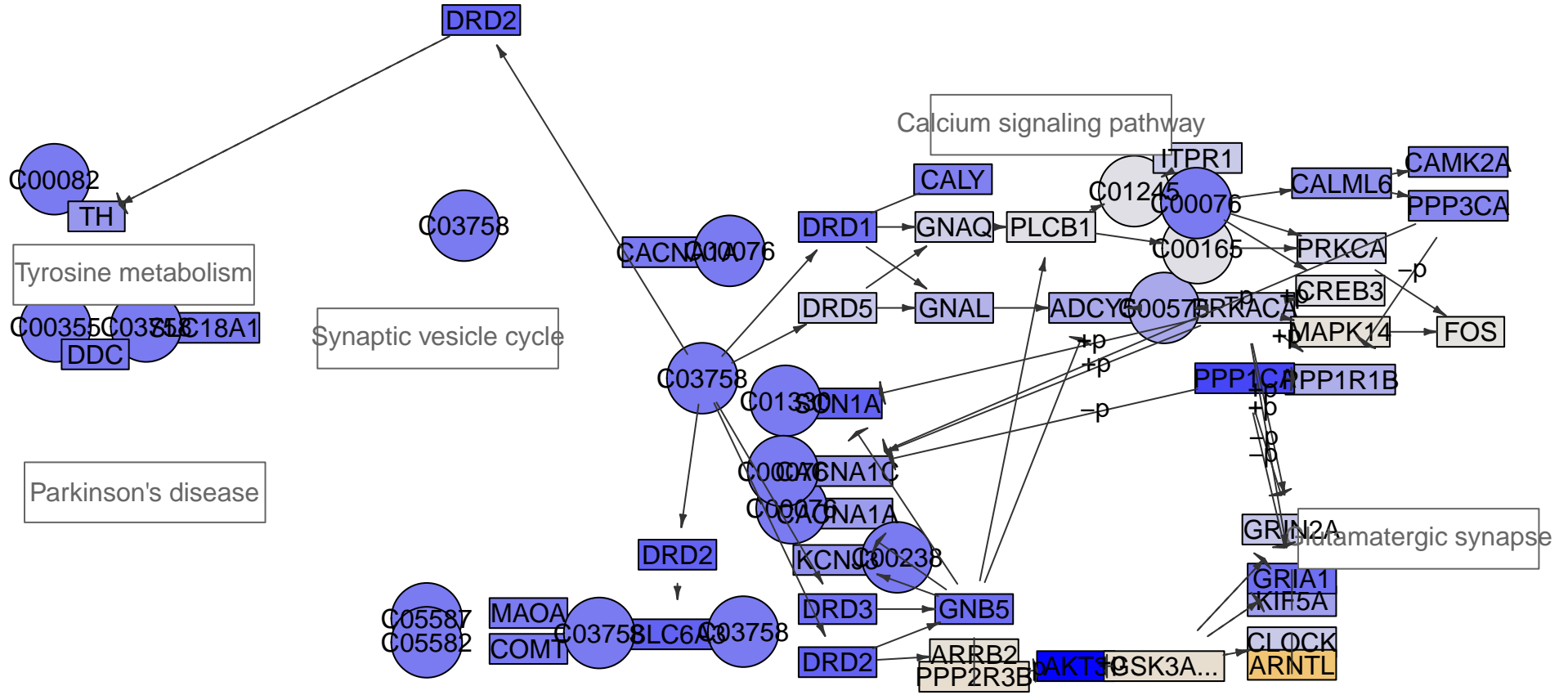
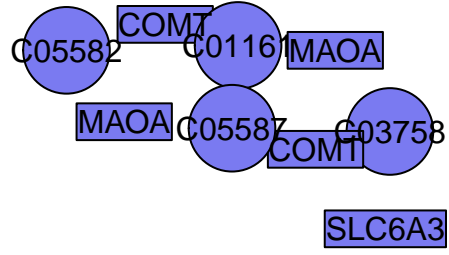
Calcium signaling pathway

Dopaminergic synapse

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse
MPI-244



Tyrosine metabolism

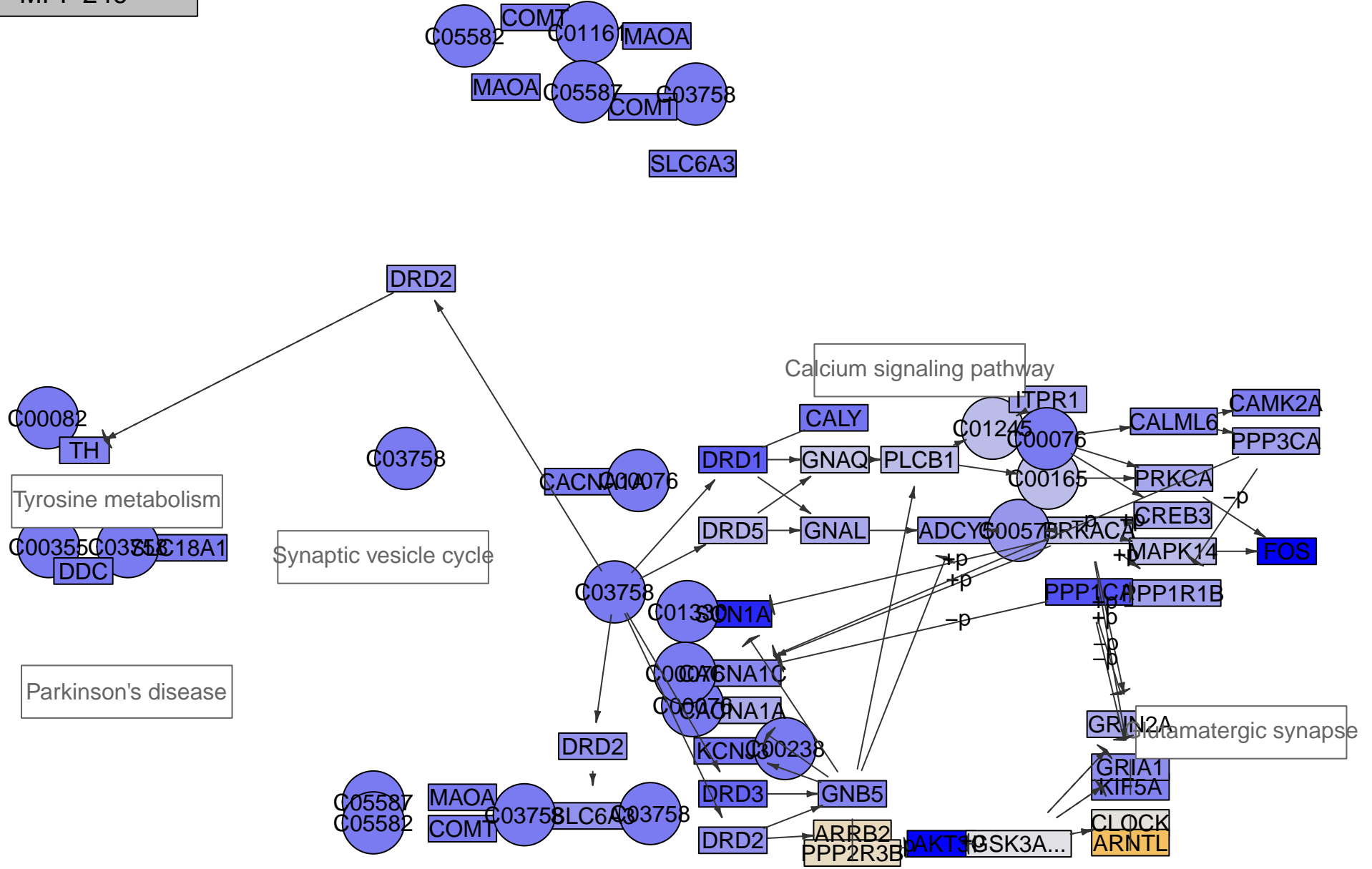
Synaptic vesicle cycle

Parkinson's disease

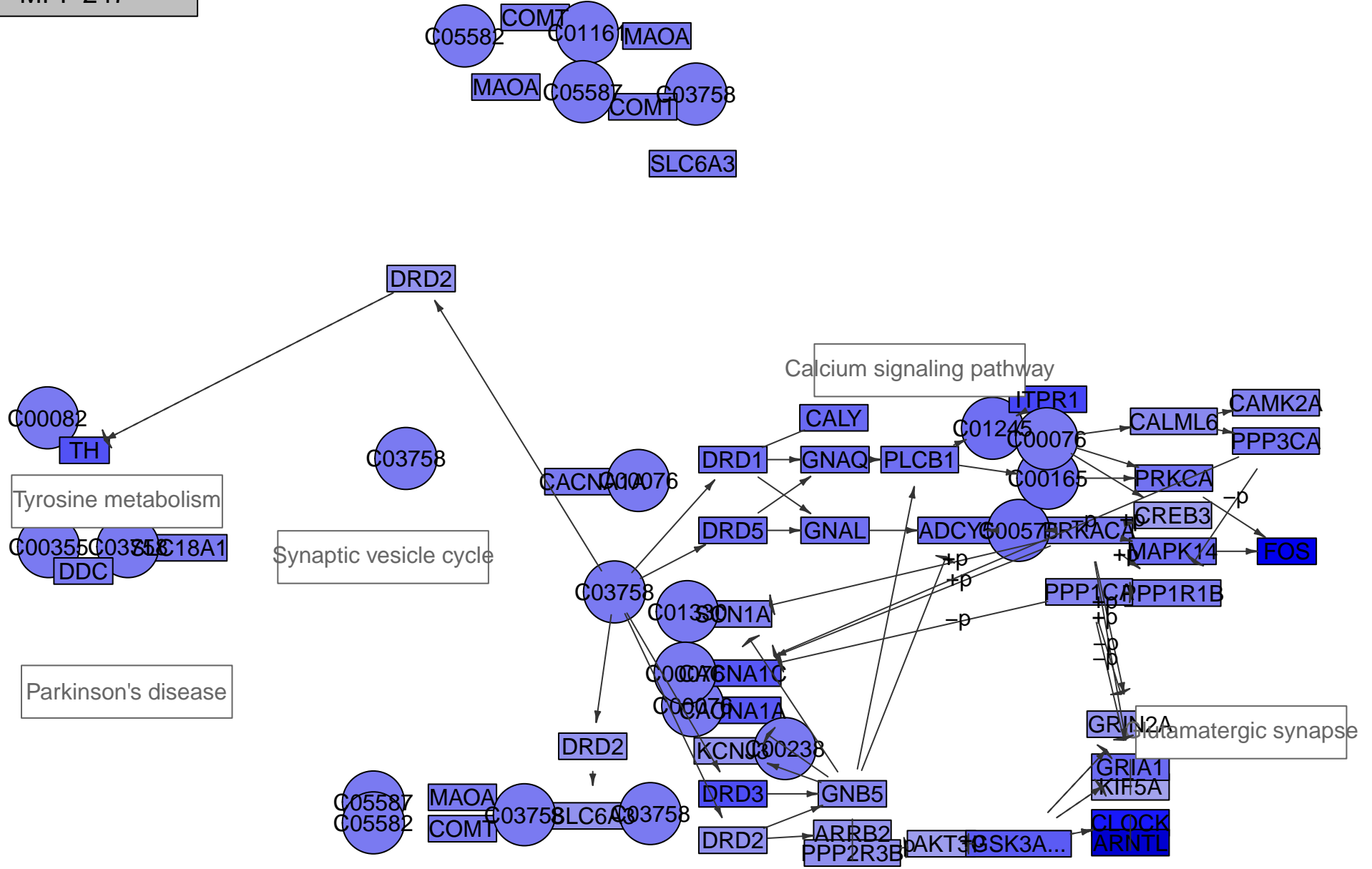
Calcium signaling pathway

Dopaminergic synapse

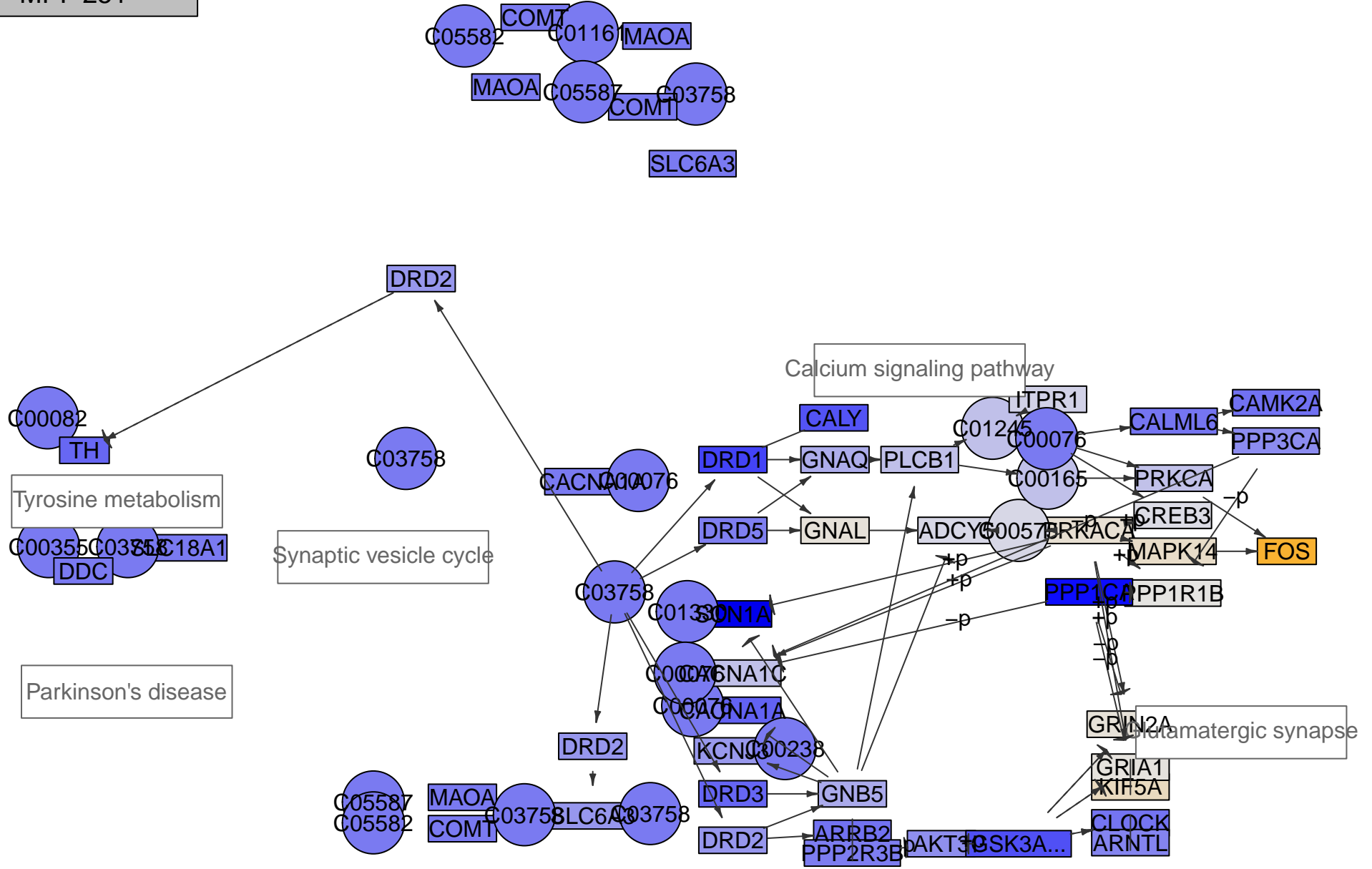
Dopaminergic synapse
MPI-246



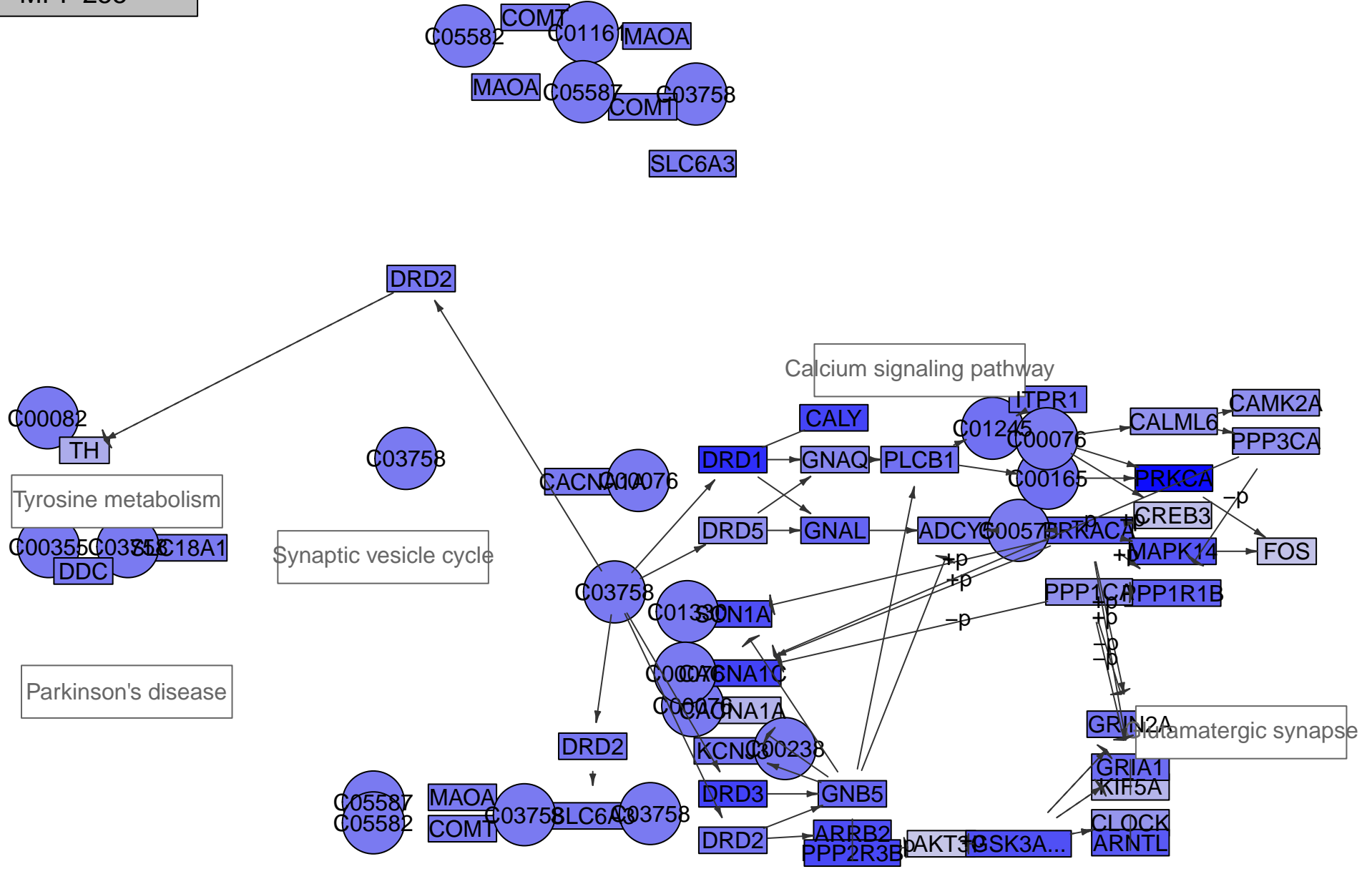
Dopaminergic synapse
MPI-247



Dopaminergic synapse
MPI-251



Dopaminergic synapse
MPI-255



Synaptic vesicle cycle

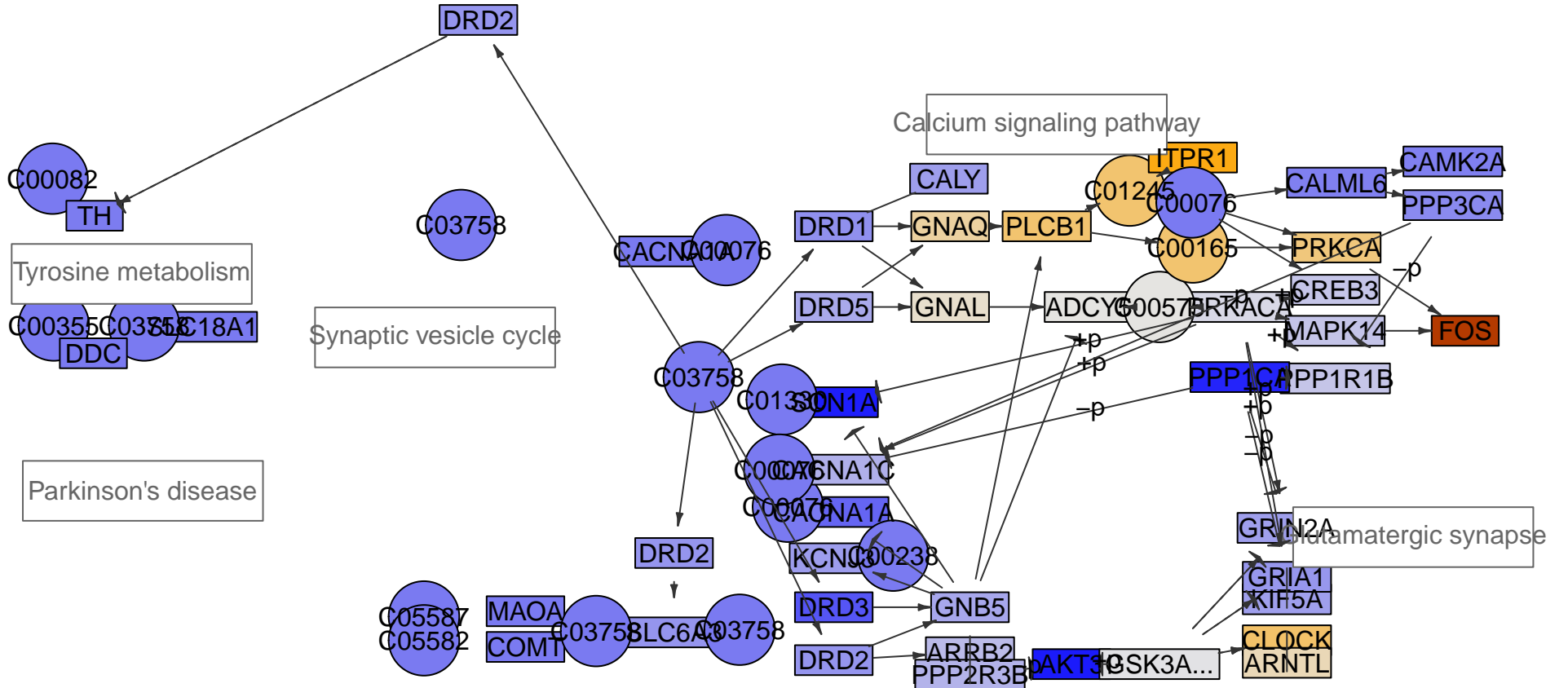
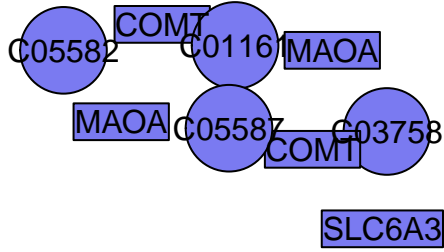
Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse

Dopaminergic synapse
MPI-223b



Synaptic vesicle cycle

Calcium signaling pathway

Tyrosine metabolism

Parkinson's disease

Dopaminergic synapse