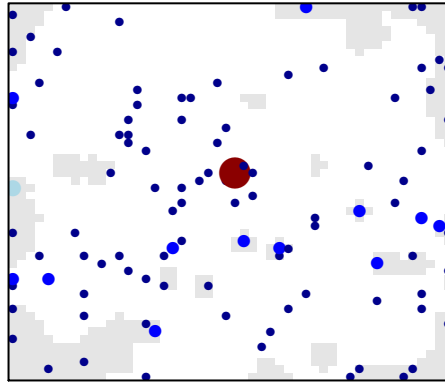
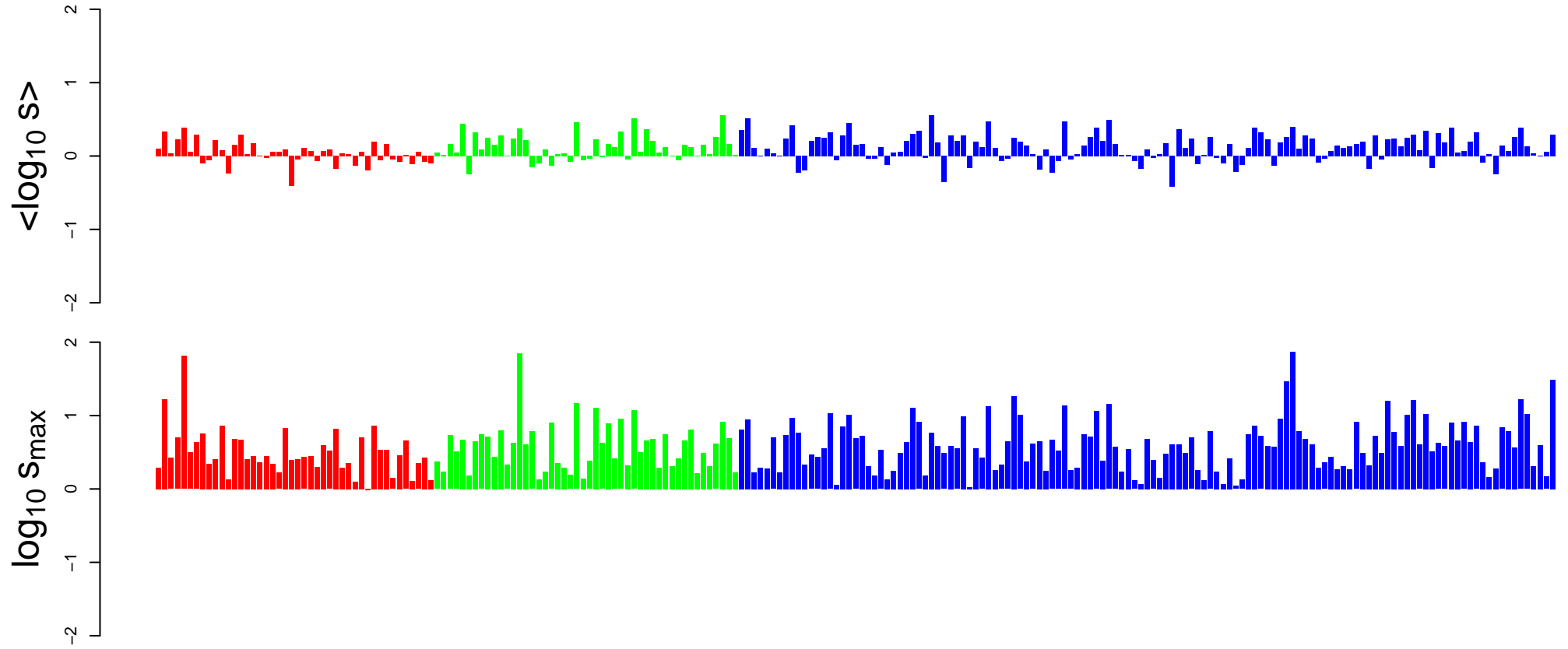
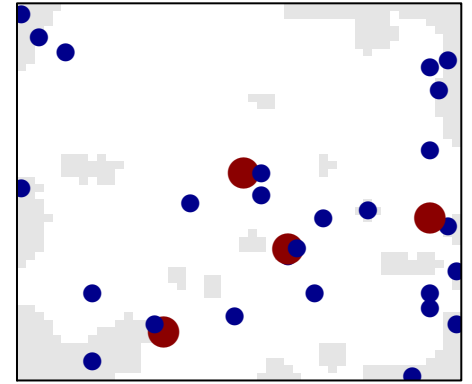


# Gastric acid secretion

all genes

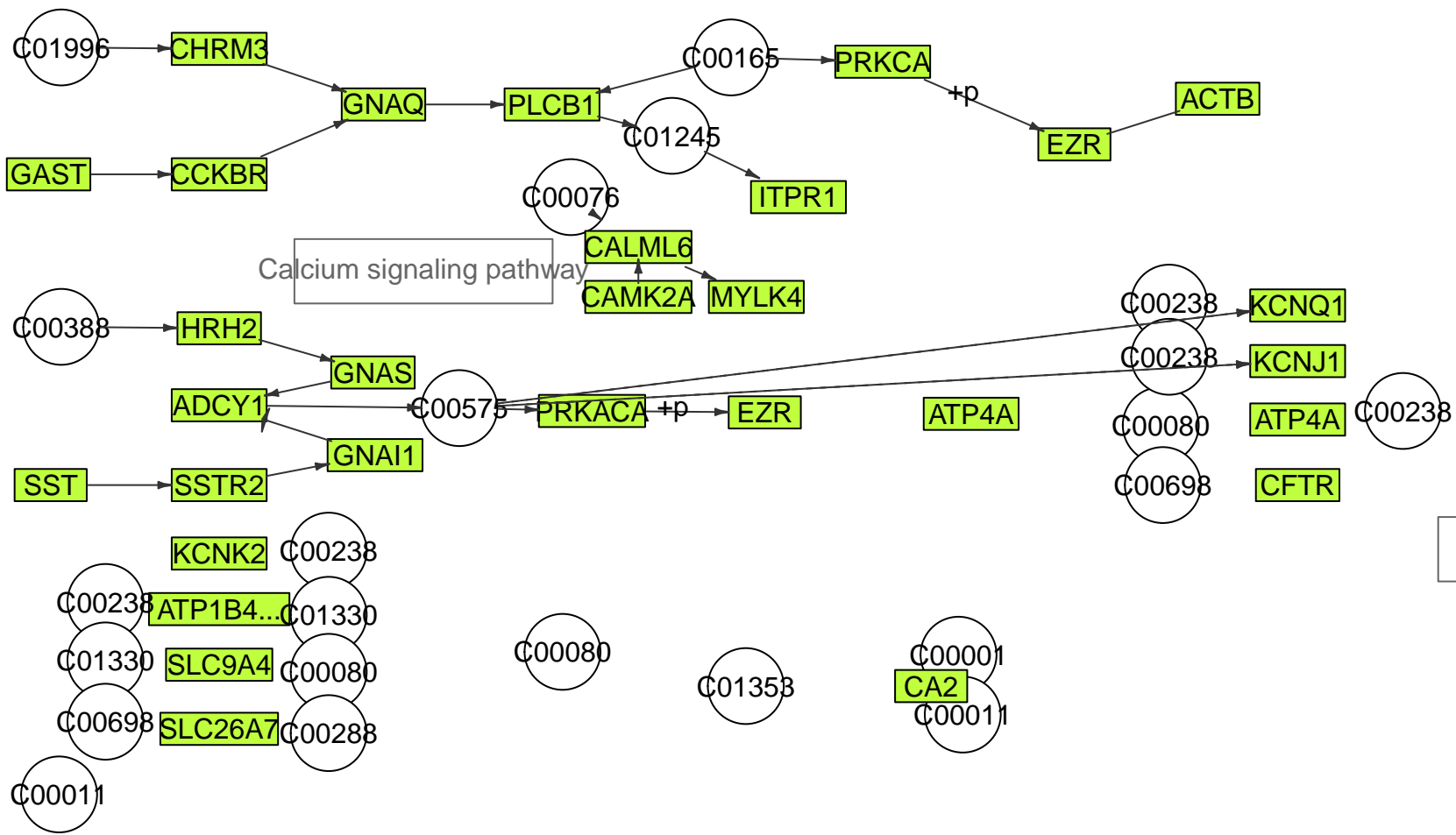


sink node genes



Gastric acid secretion  
(genes with data)

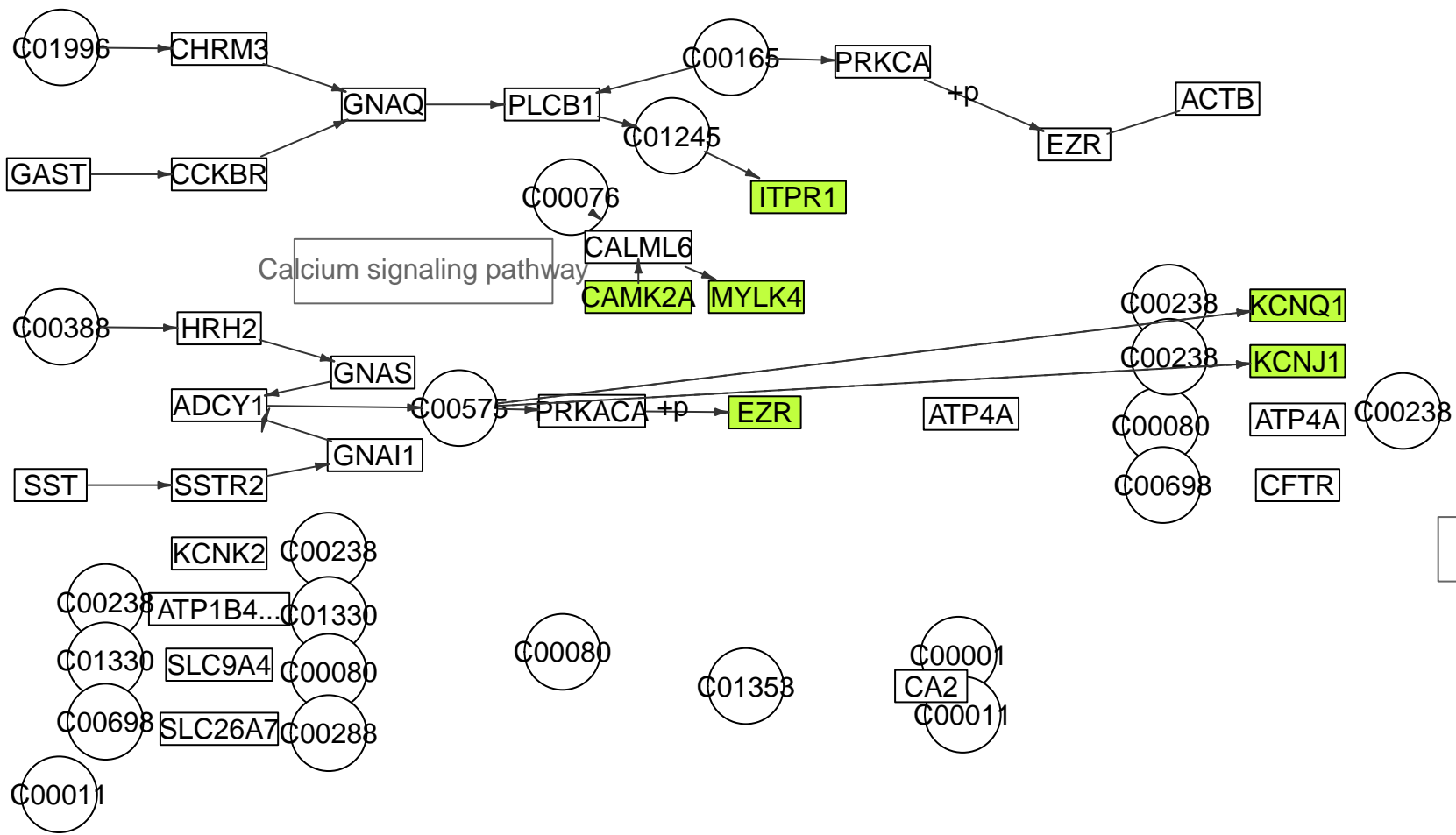
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
(sink nodes)

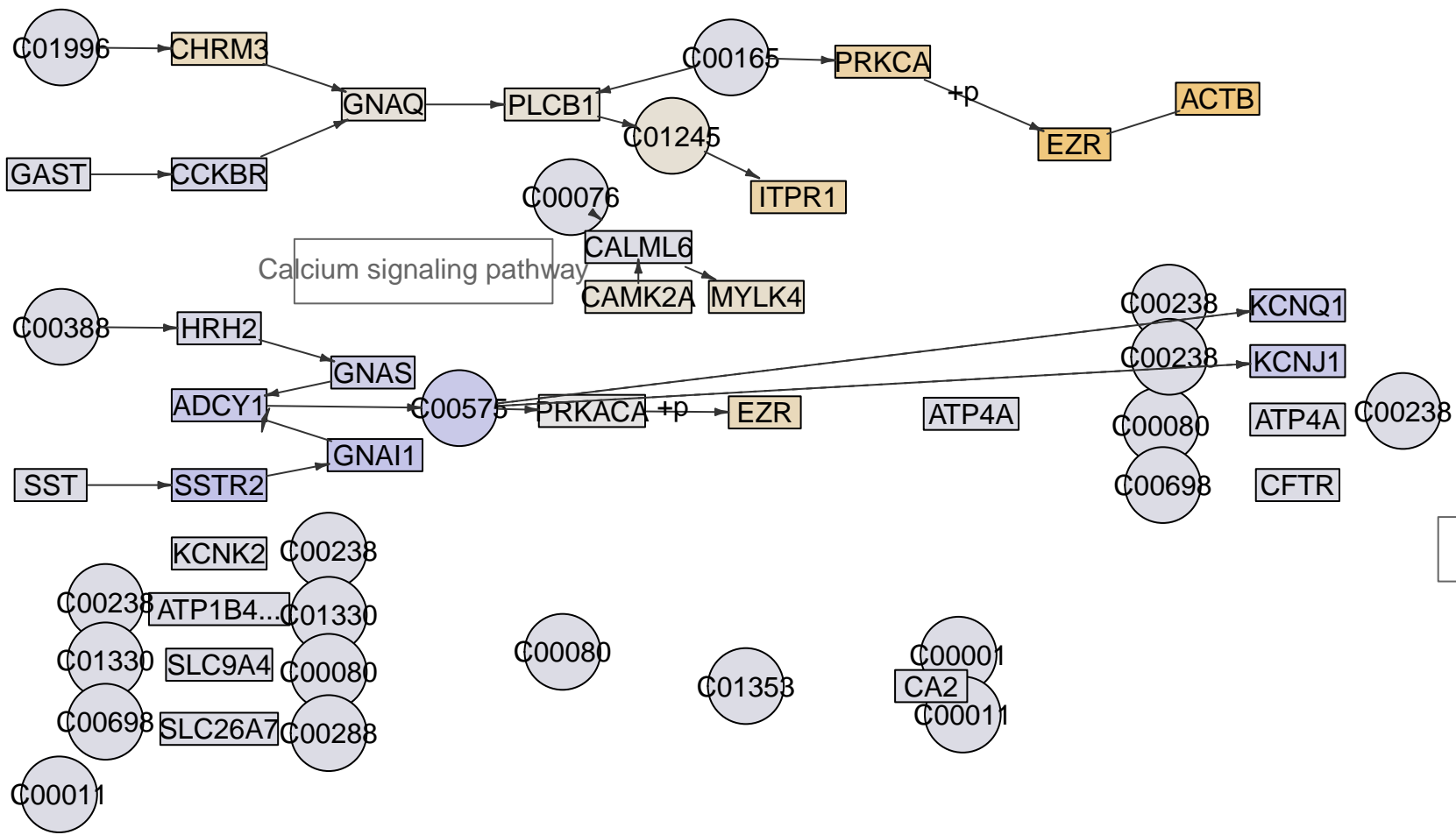
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-001

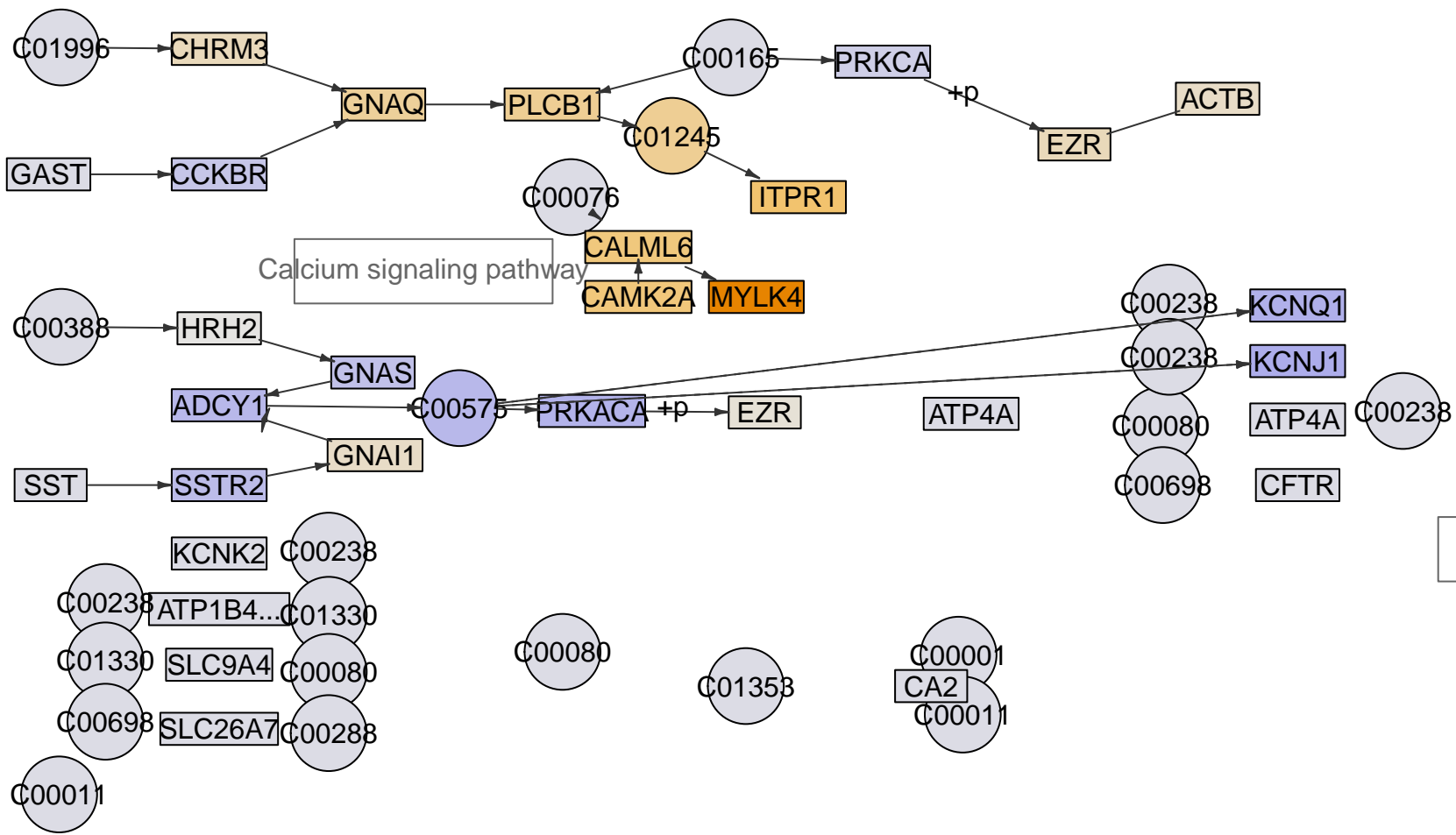
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-002

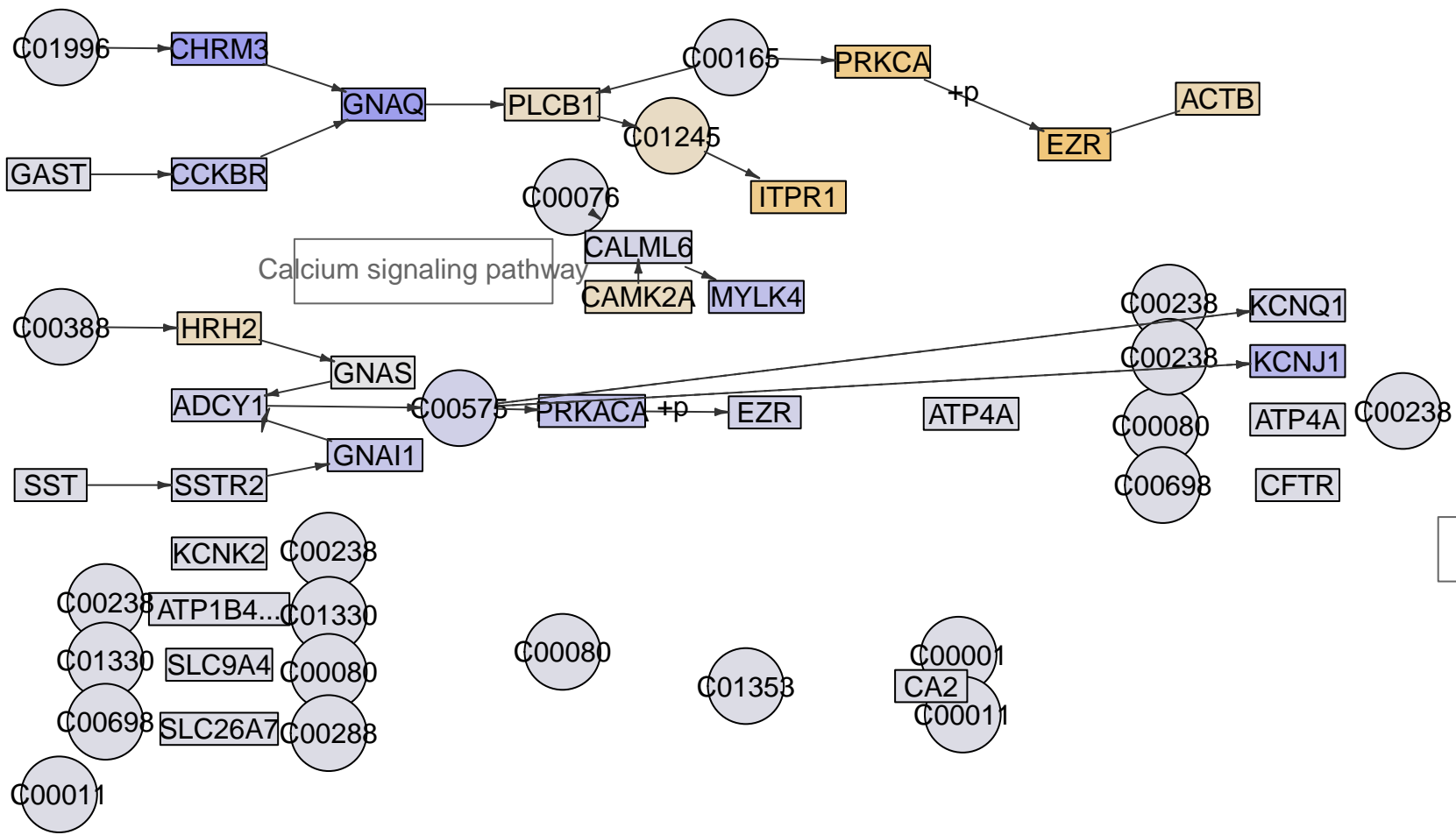
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-003

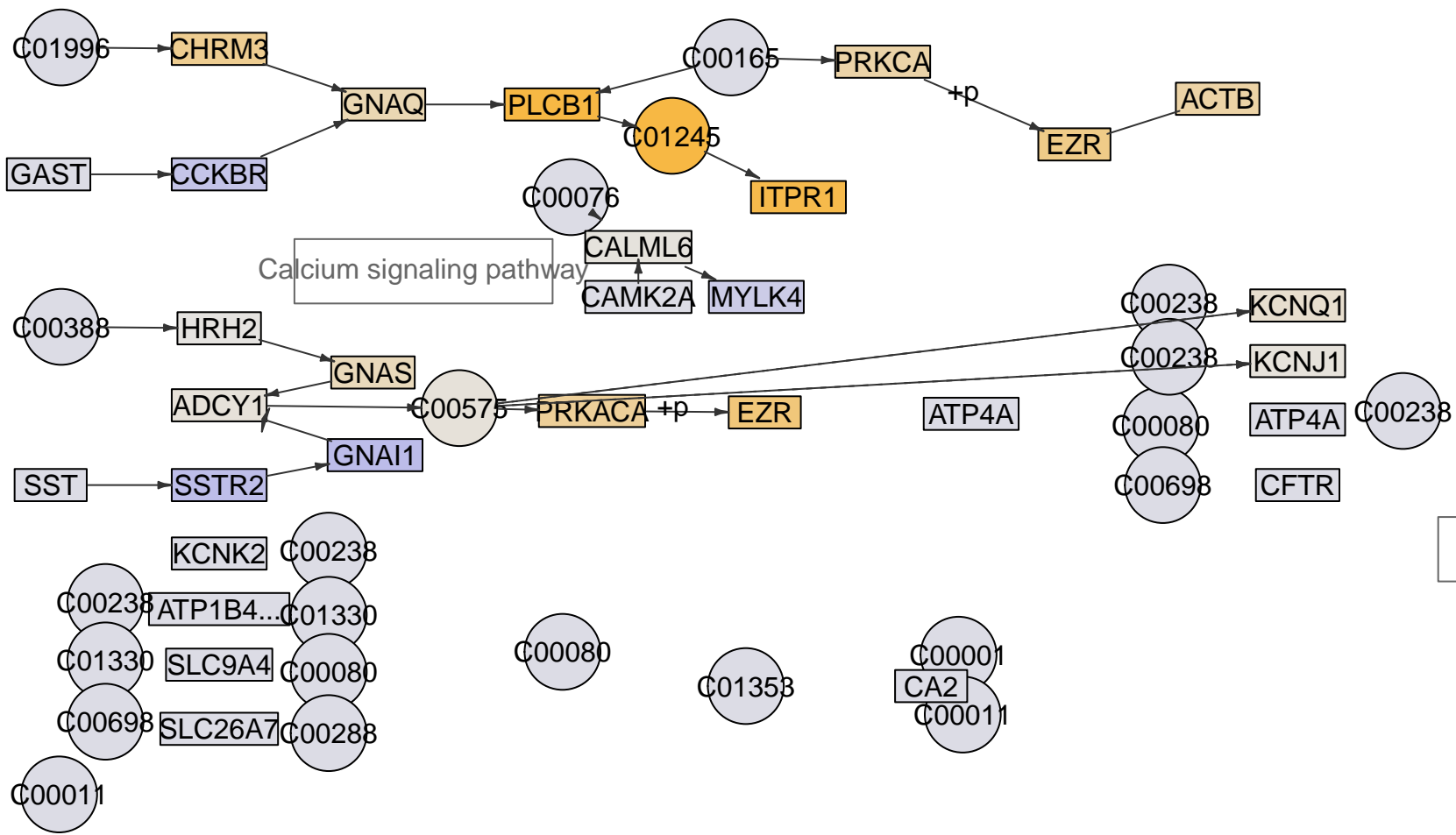
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-005

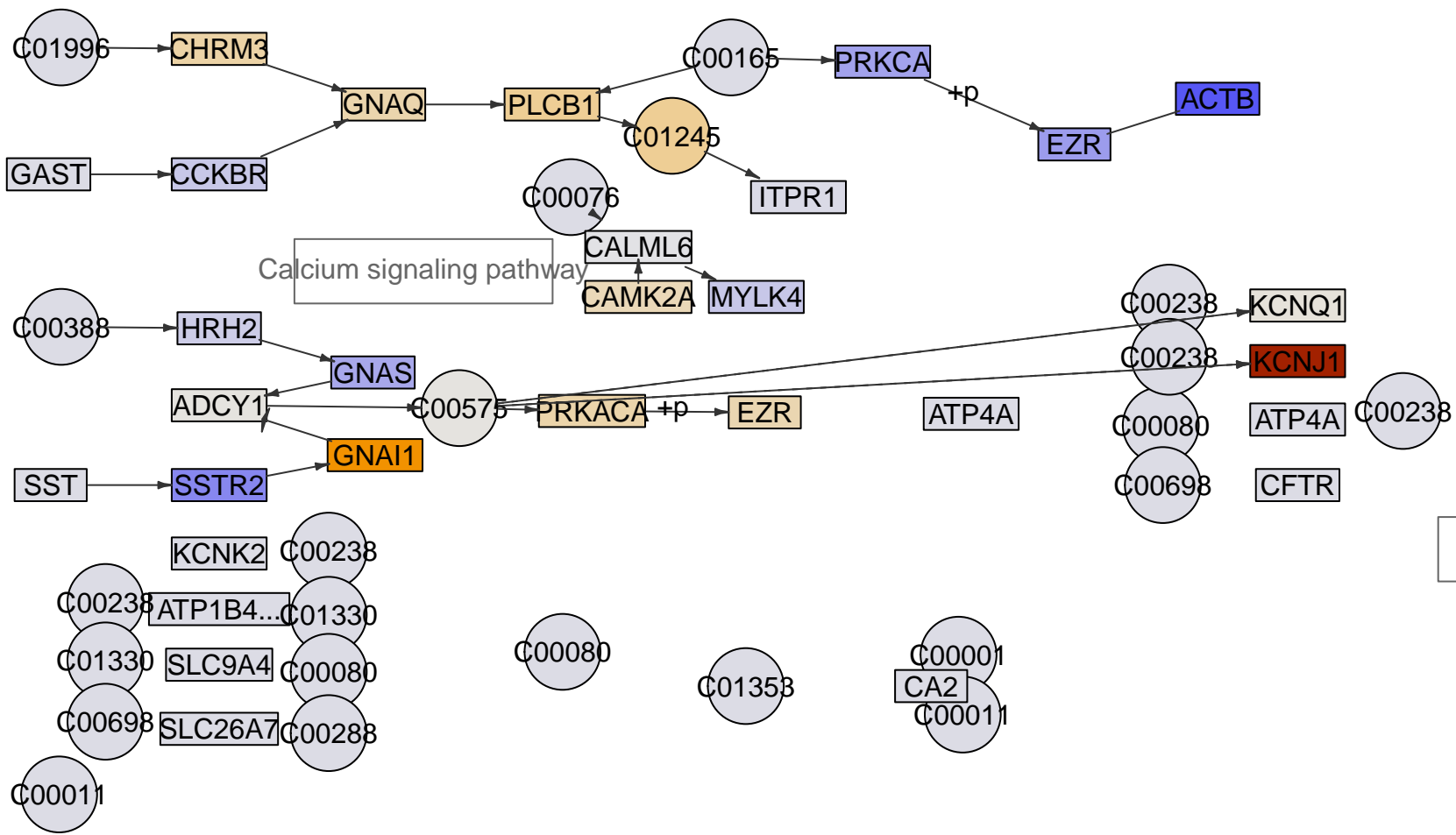
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-006

Tight junction

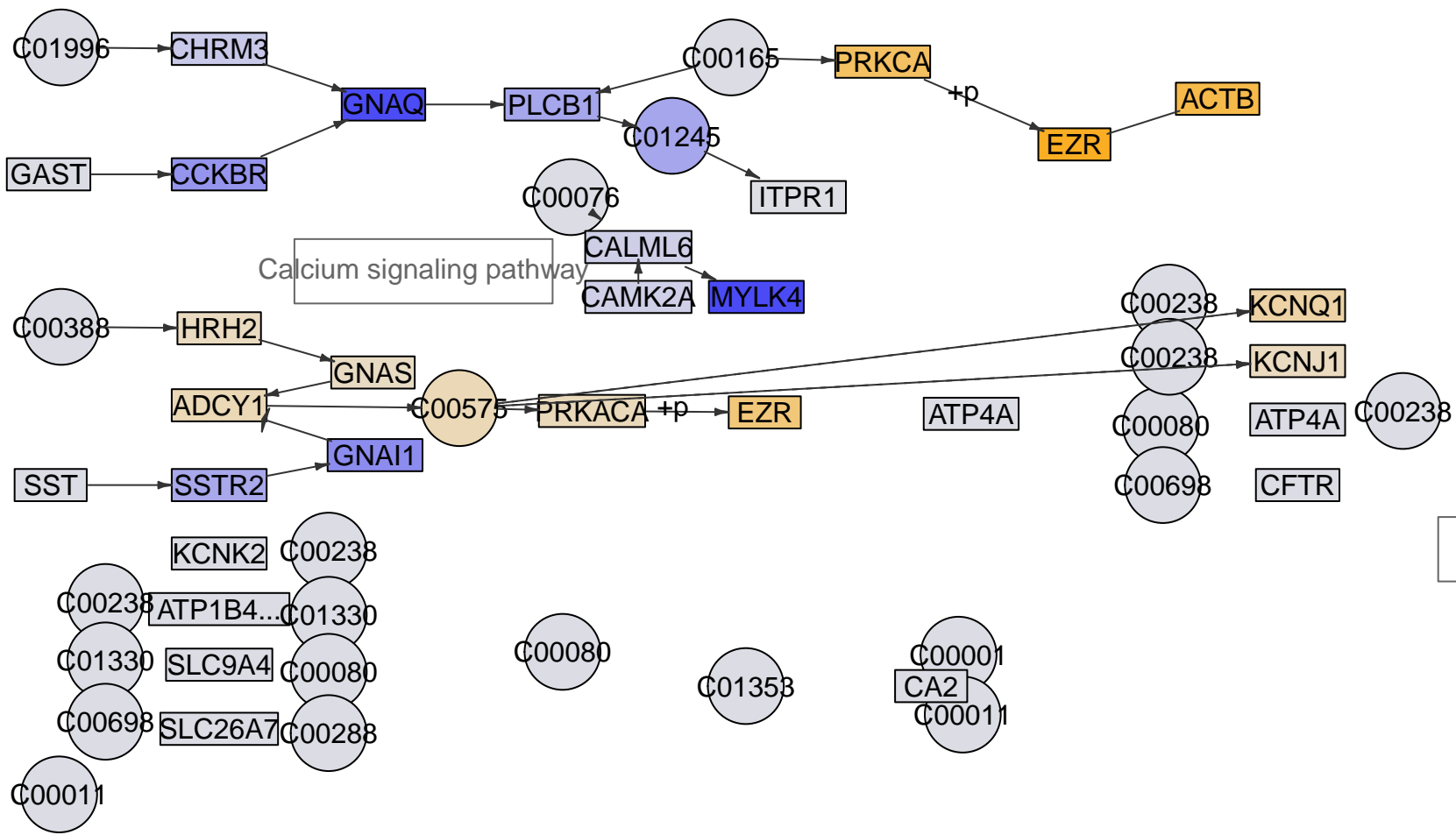


Protein digestion and absorption



Gastric acid secretion  
MPI-016

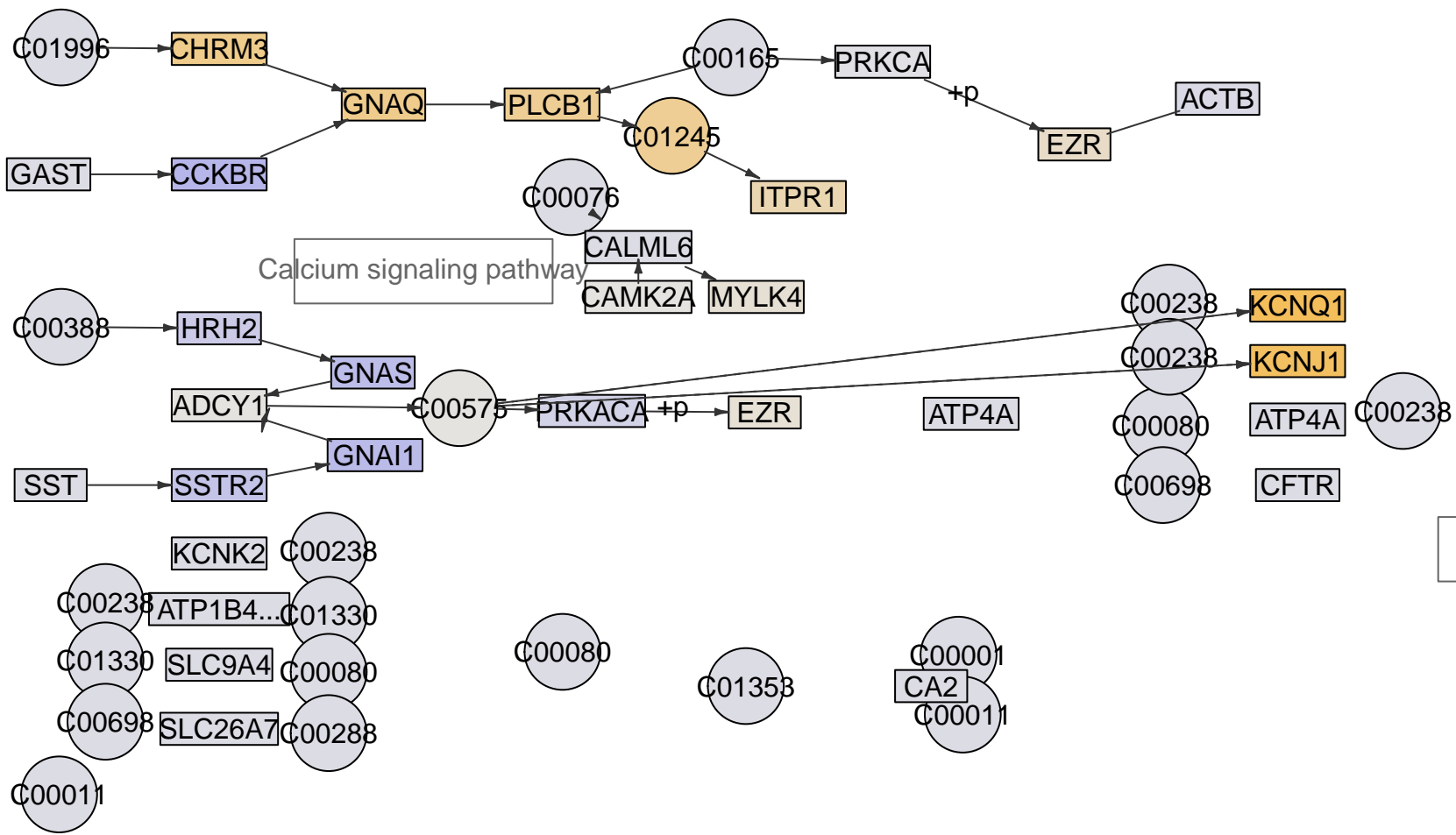
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-017

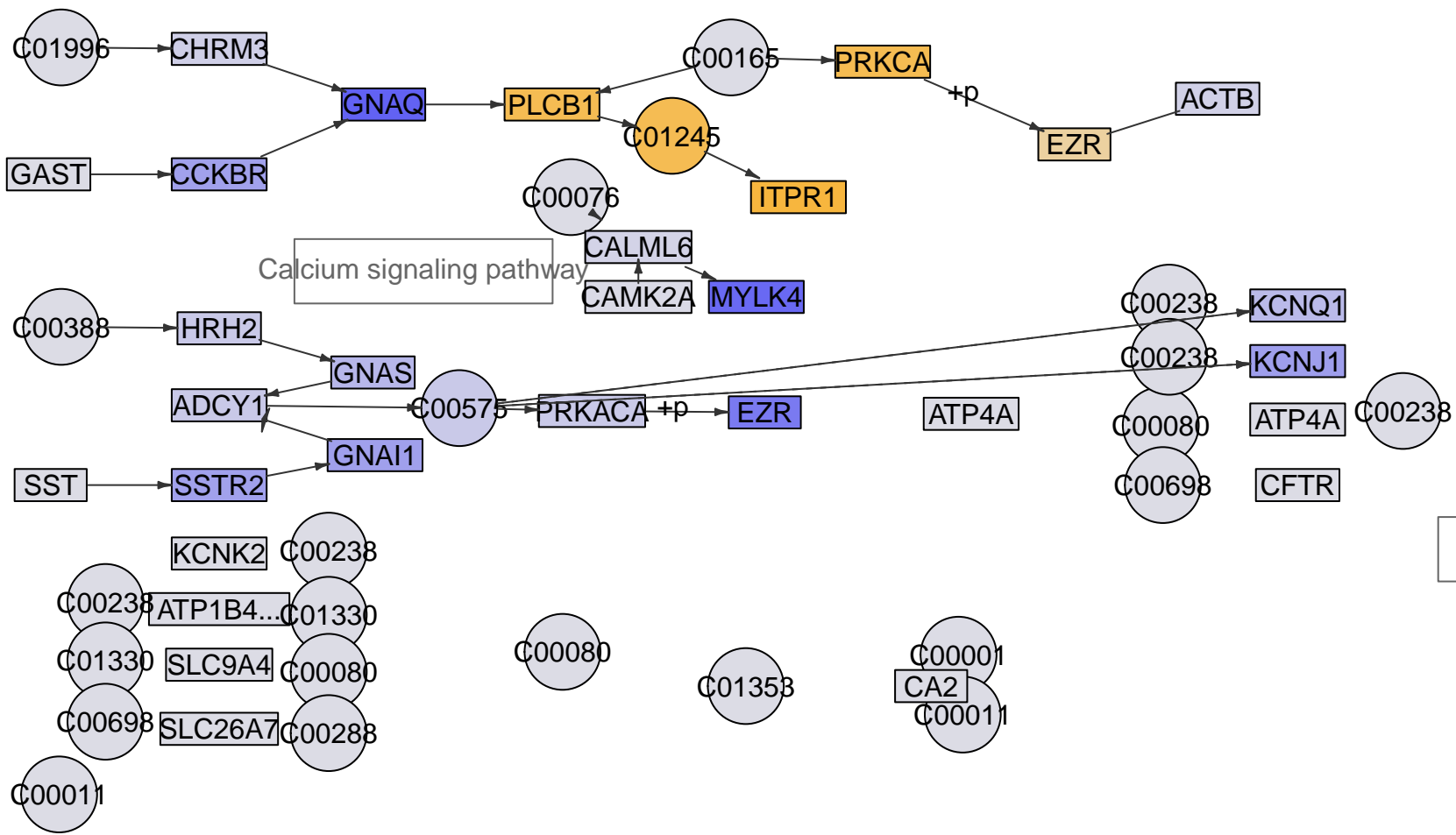
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-018

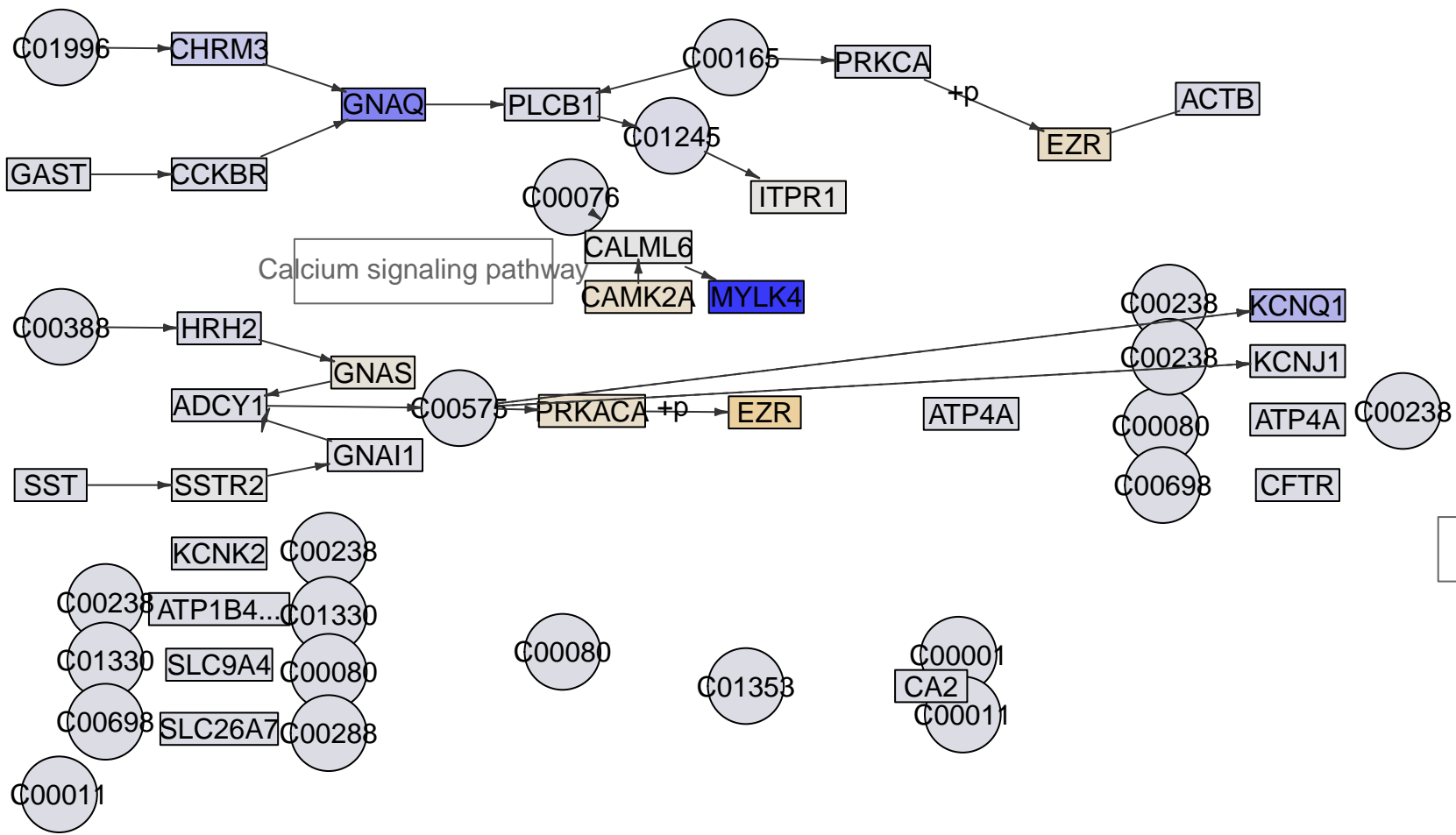
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-027

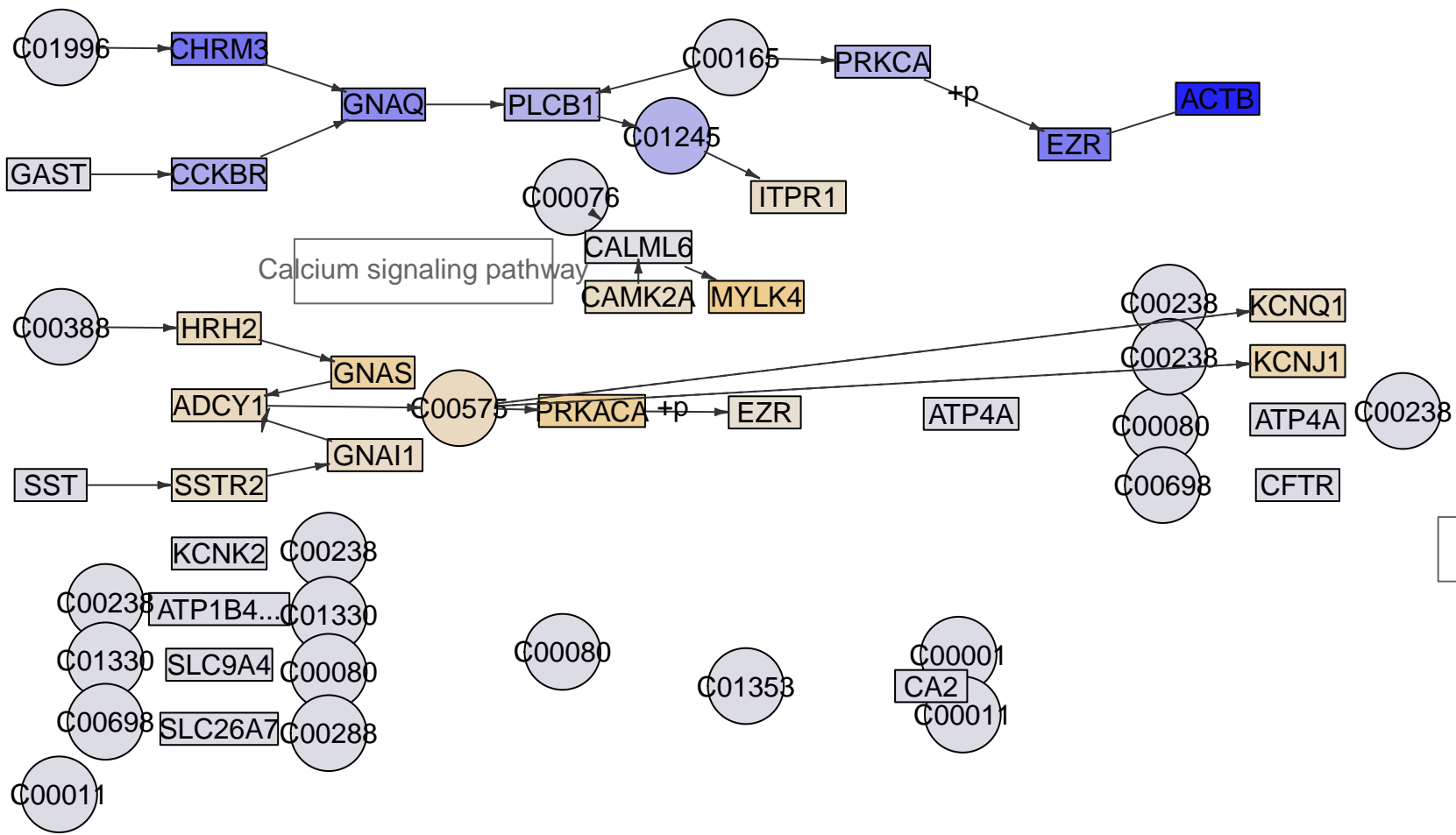
Tight junction



Protein digestion and absorption

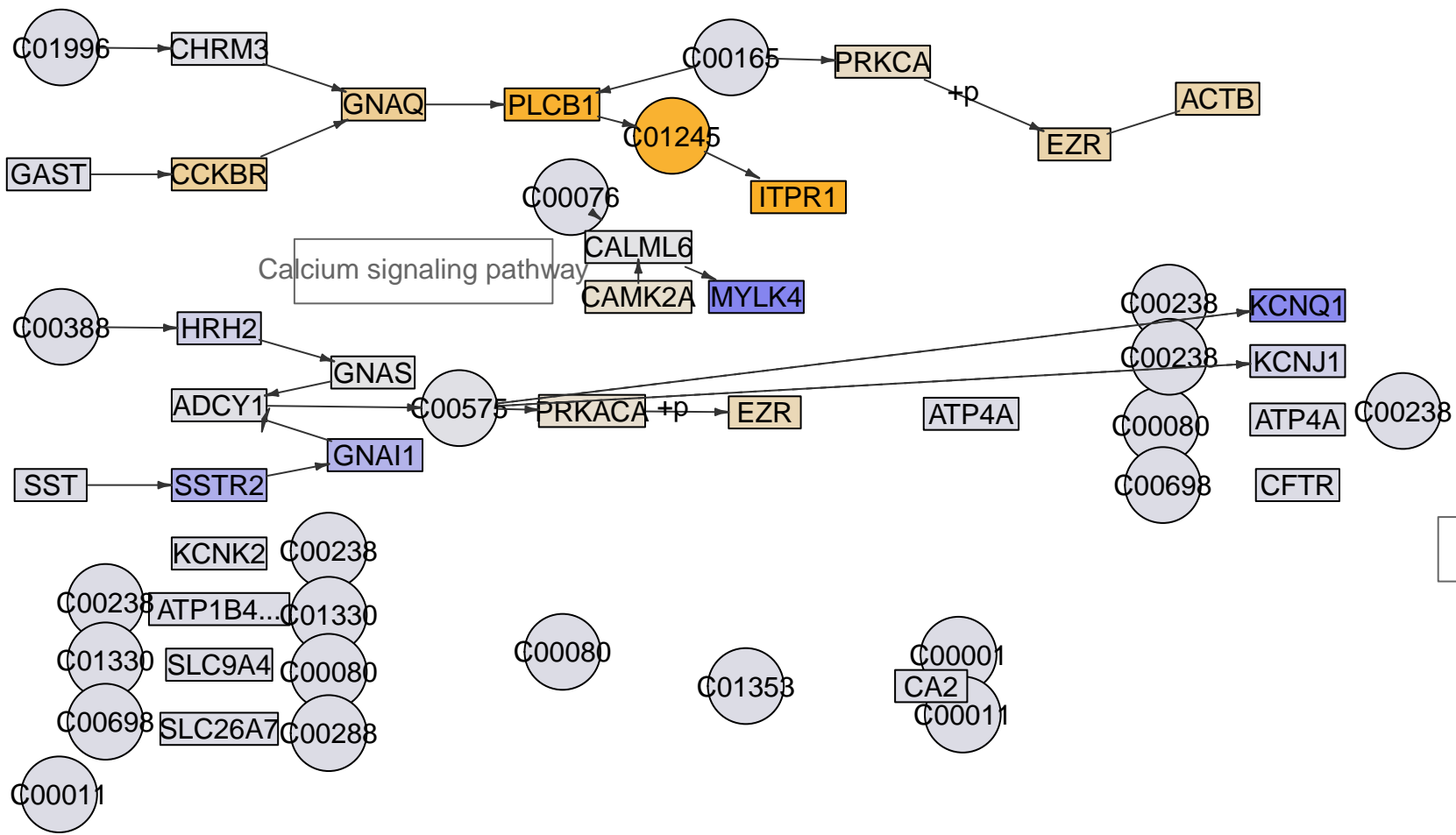
Gastric acid secretion  
MPI-028

Tight junction



Gastric acid secretion  
MPI-032

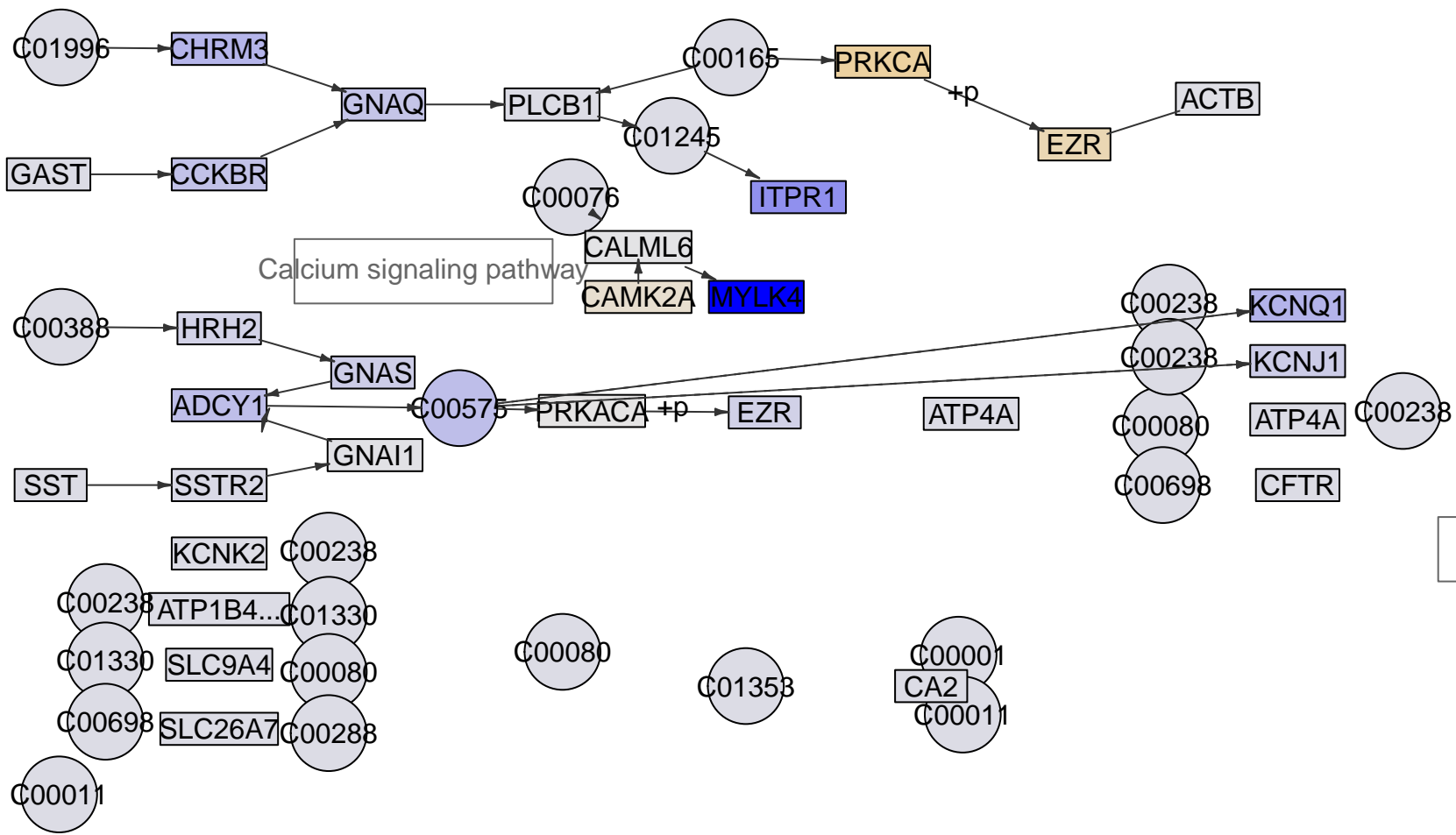
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-033

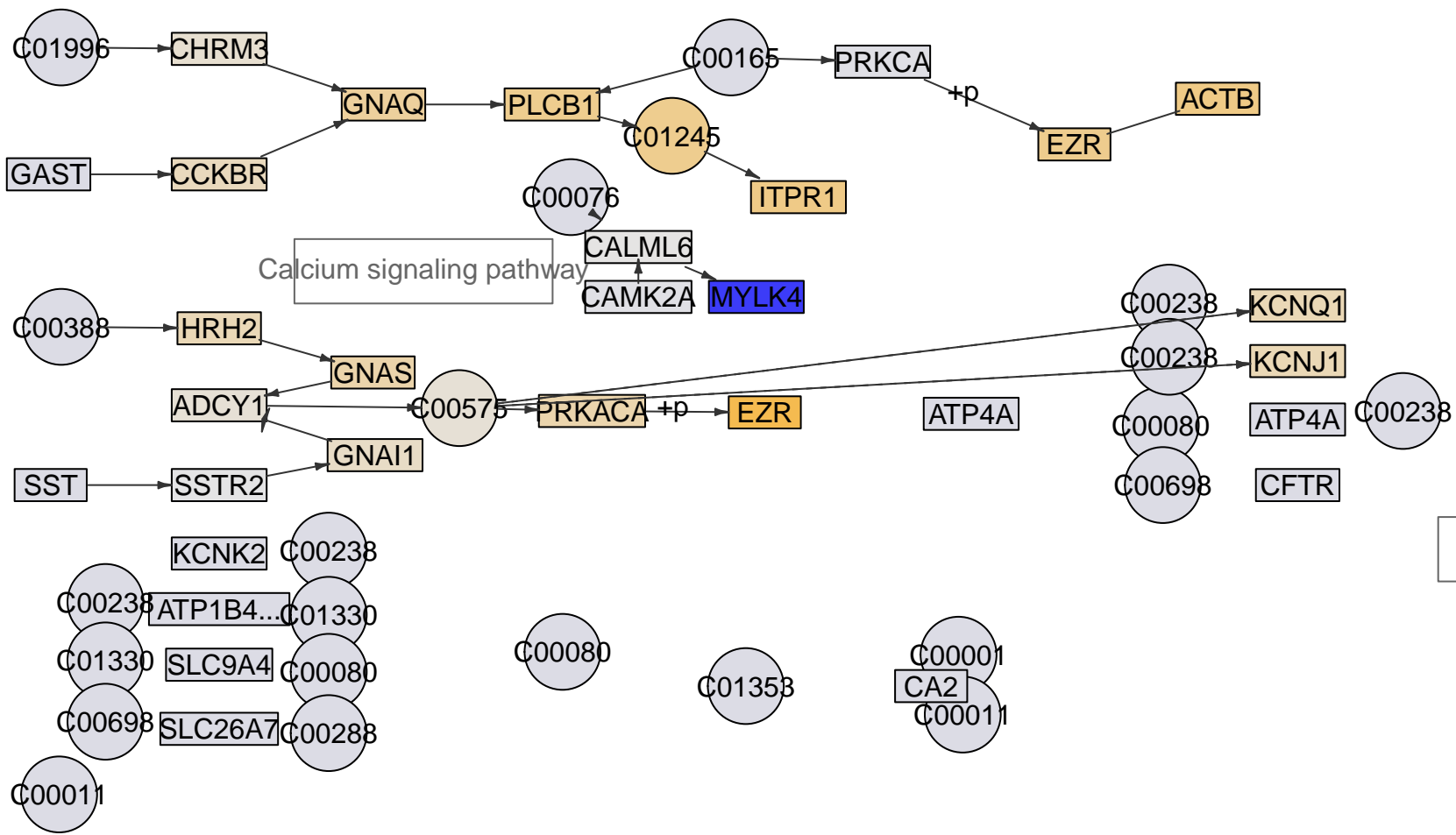
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-034

Tight junction



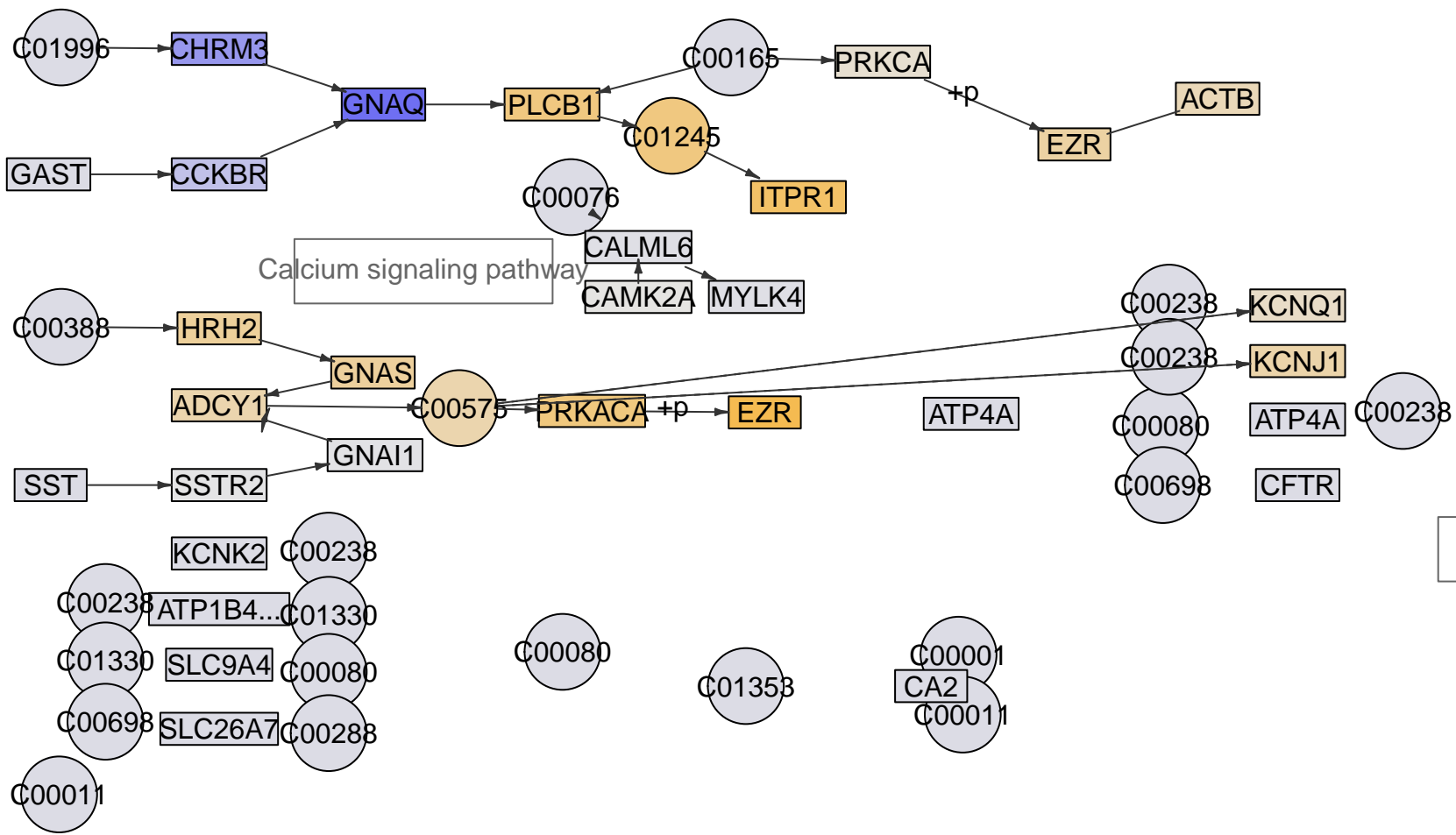
Protein digestion and absorption



Gastric acid secretion  
MPI-043

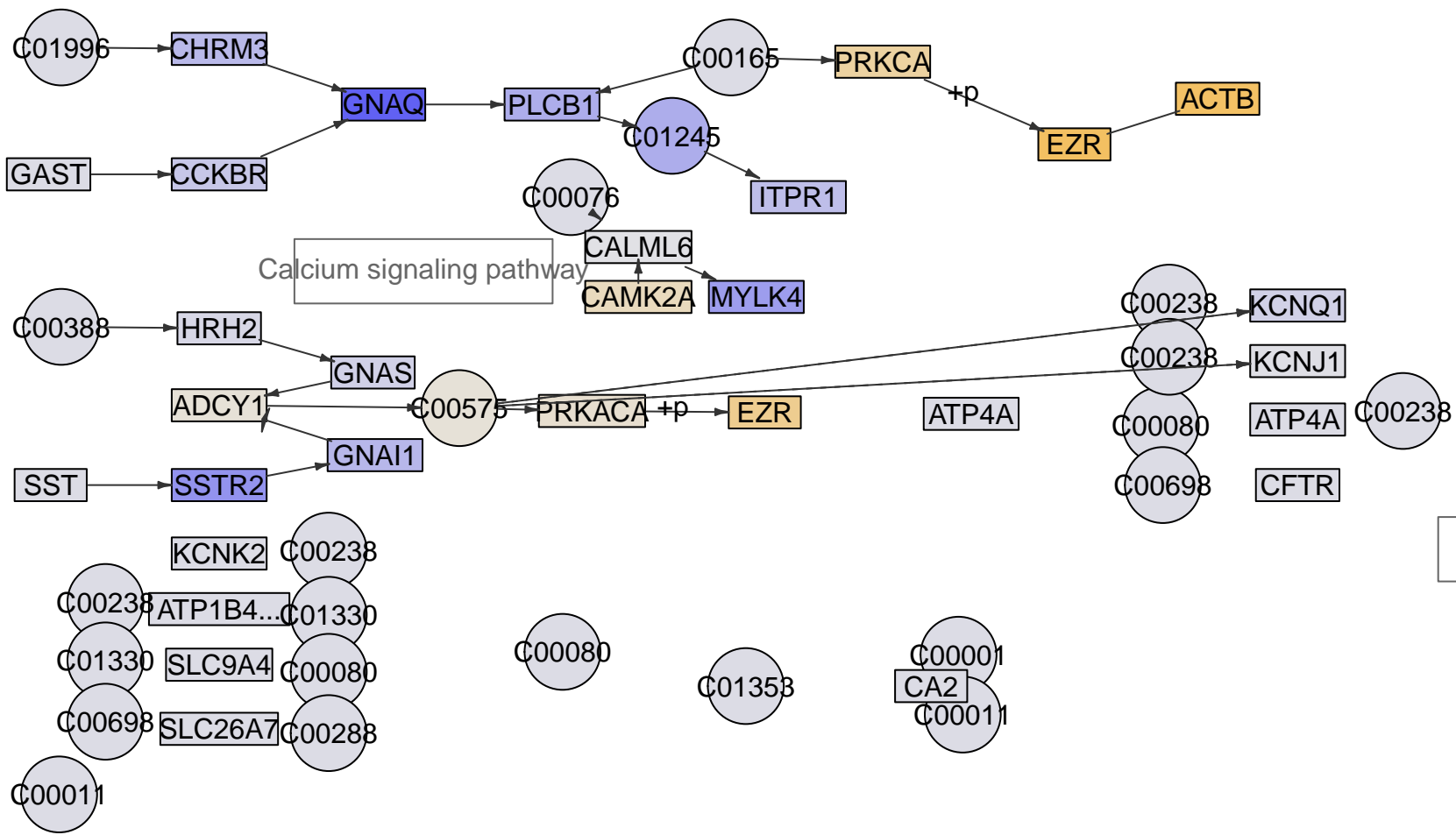
Tight junction

Protein digestion and absorption



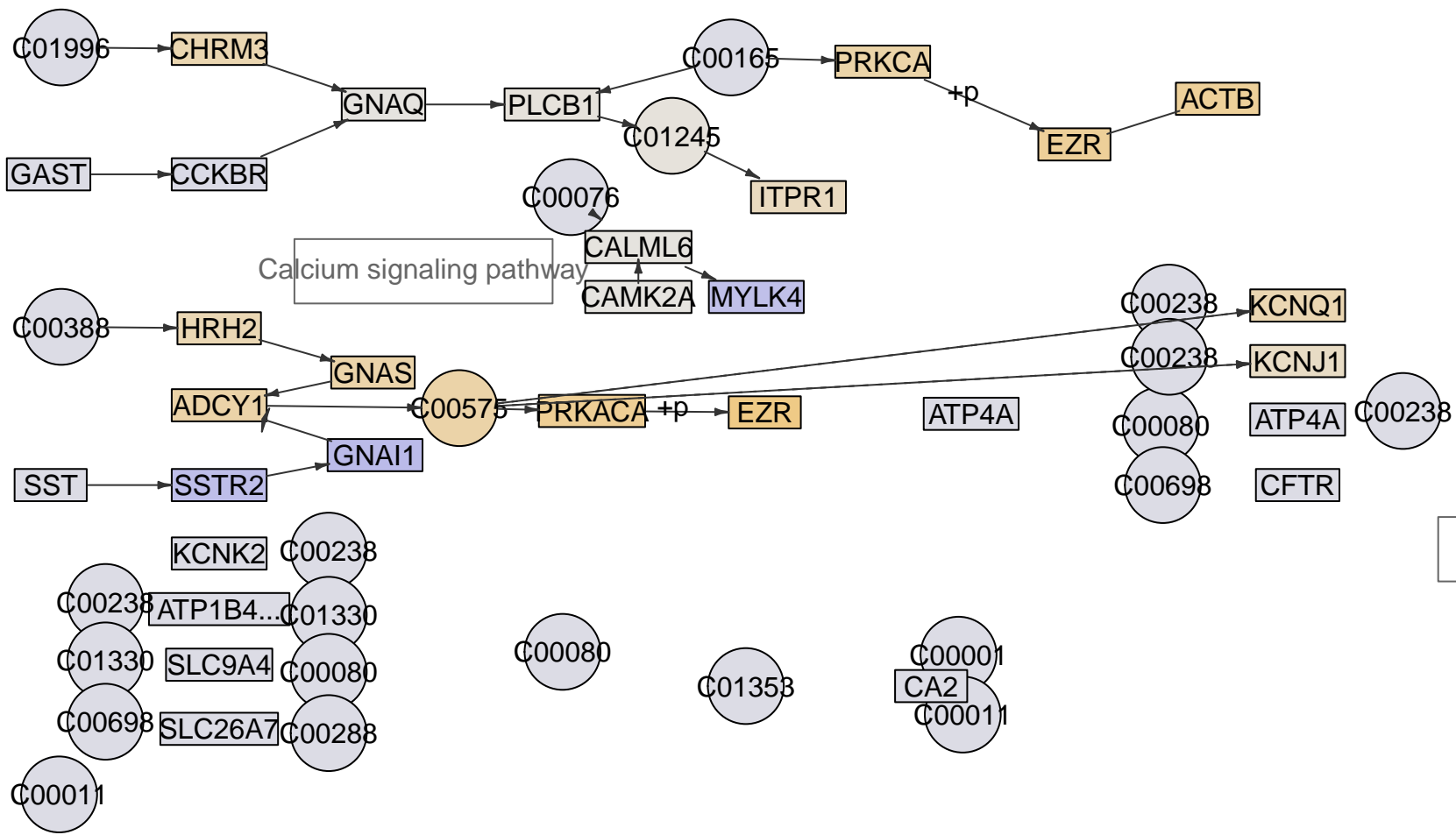
Gastric acid secretion  
MPI-044

Tight junction



Gastric acid secretion  
MPI-048

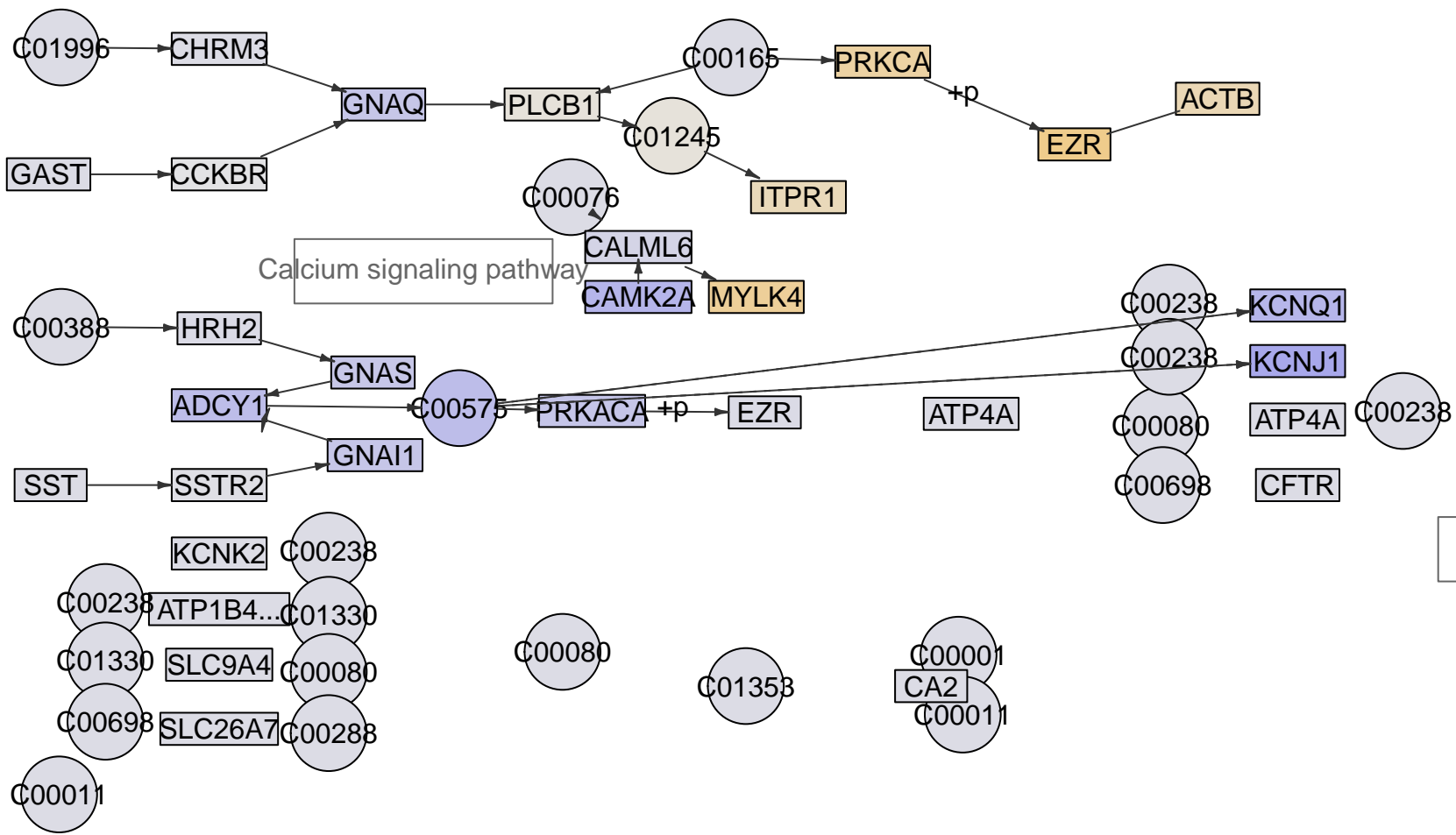
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-055

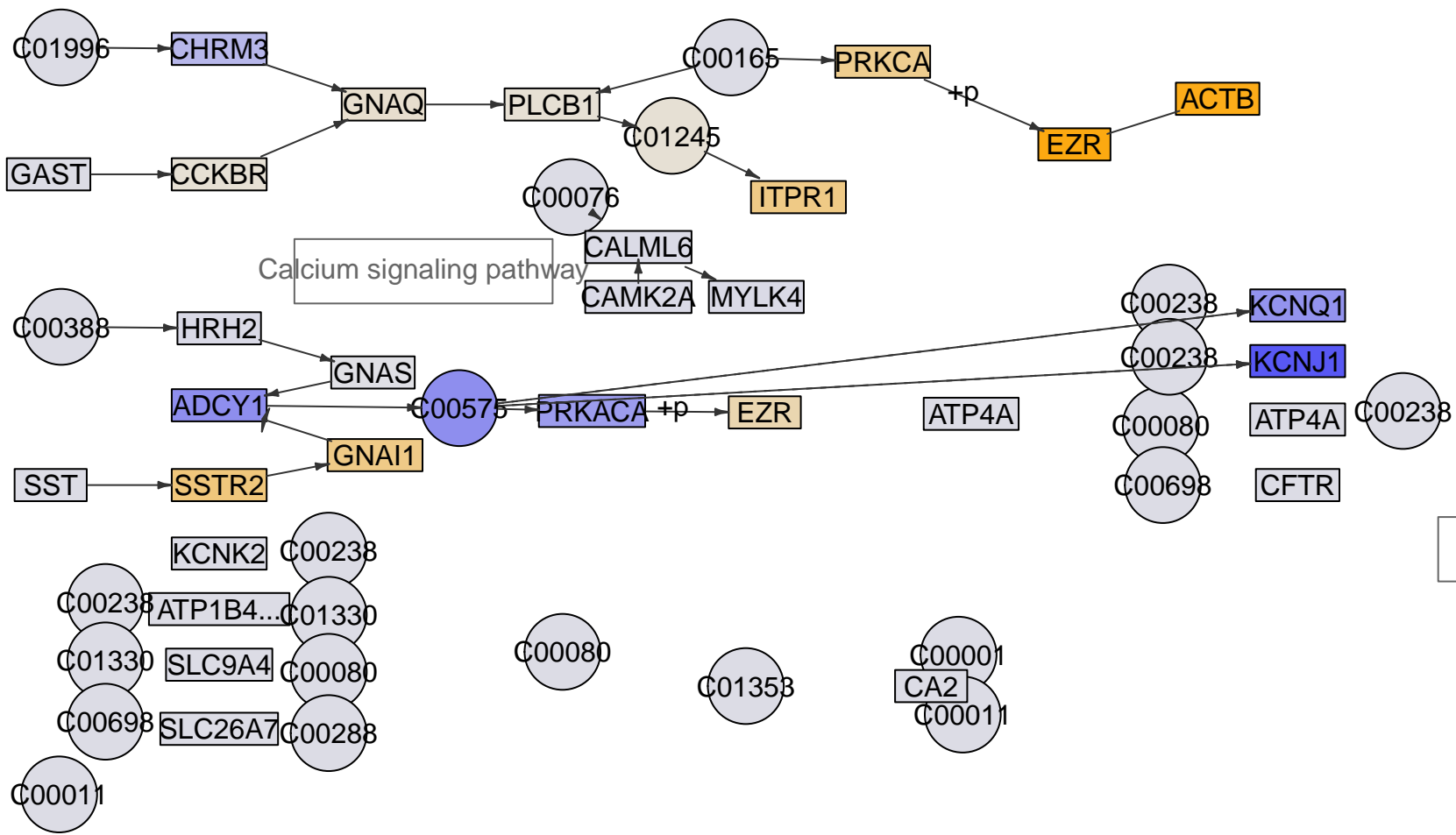
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-065

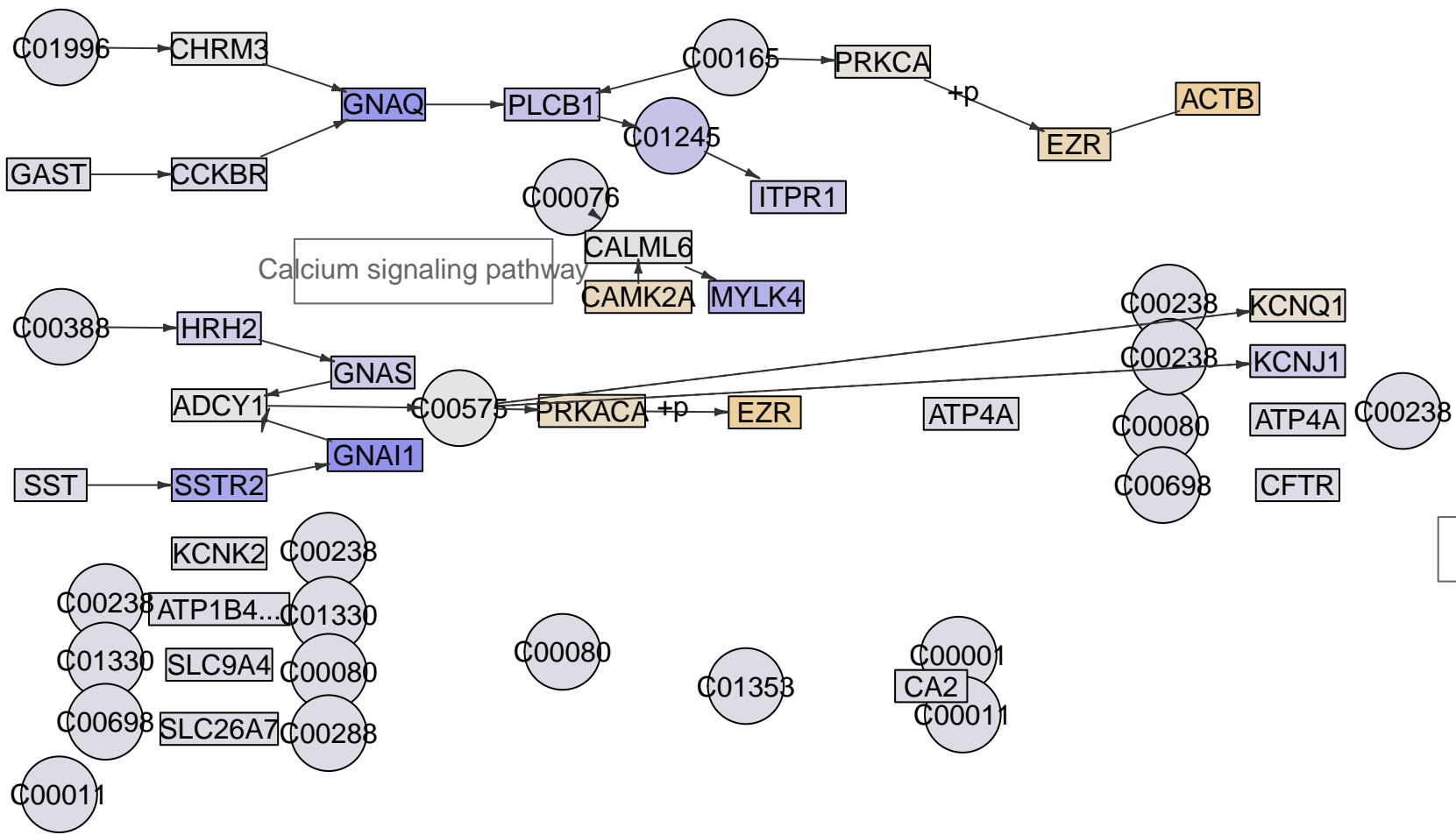
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-071

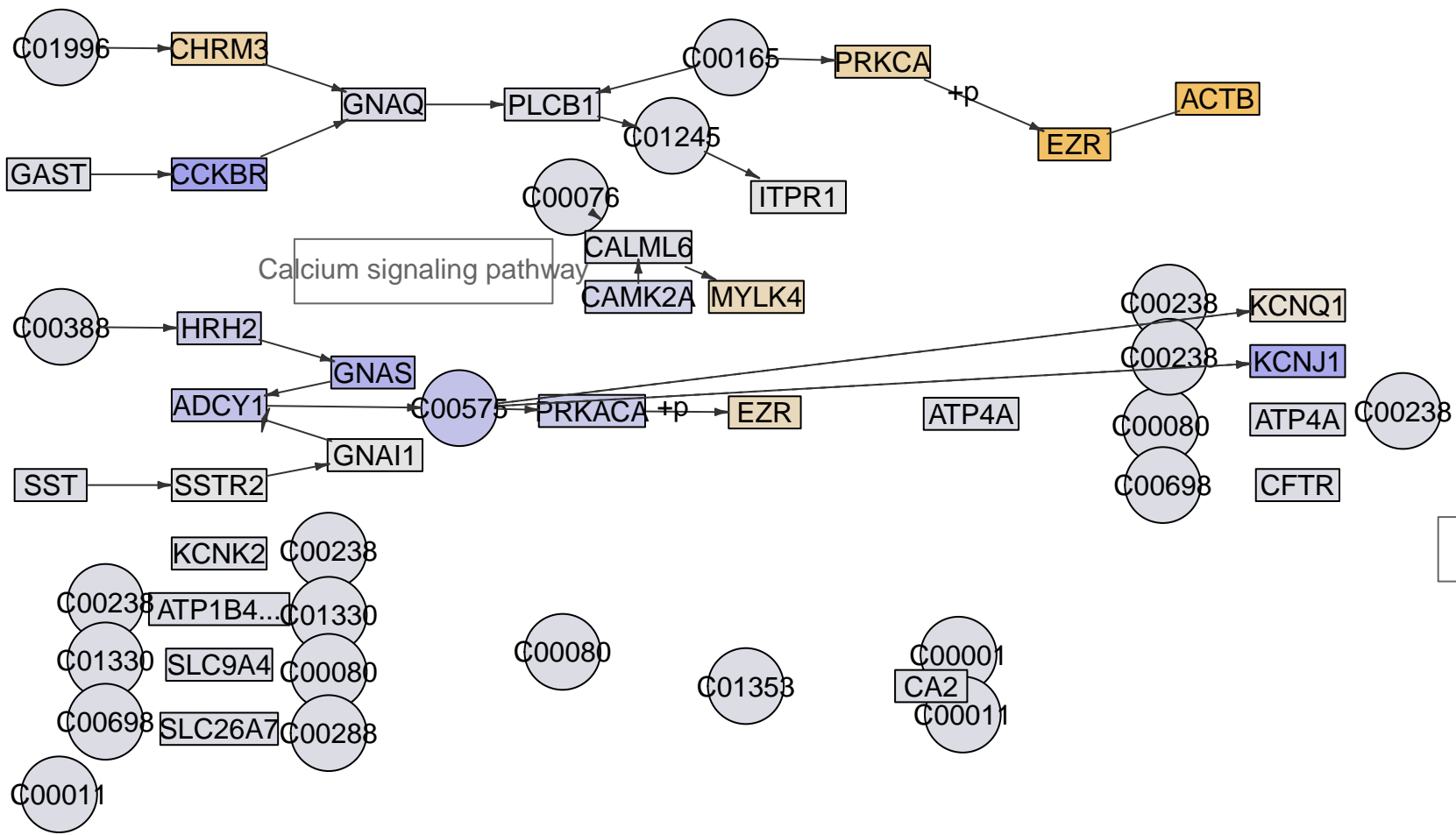
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-075

Tight junction



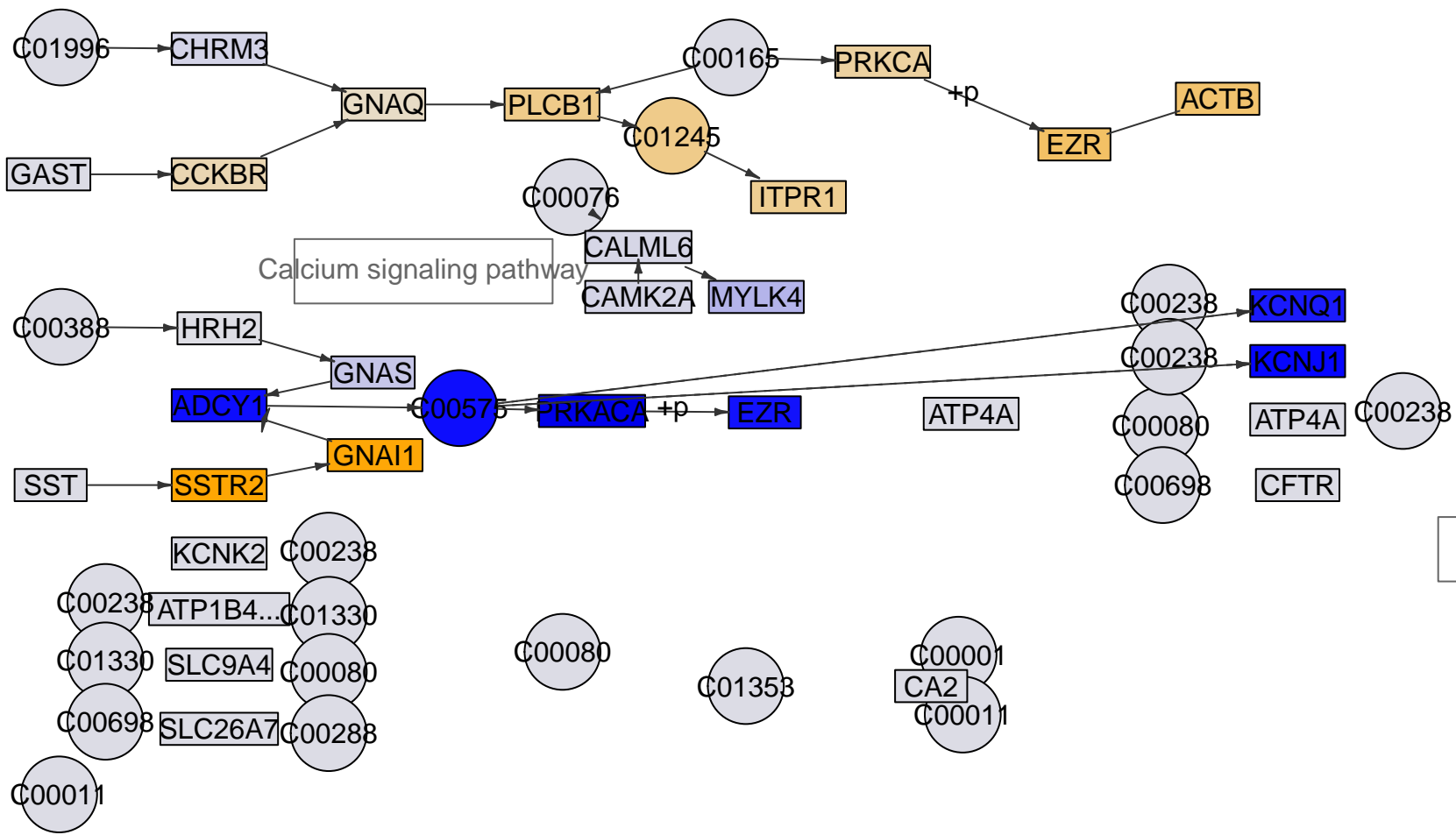
Protein digestion and absorption





Gastric acid secretion  
MPI-078

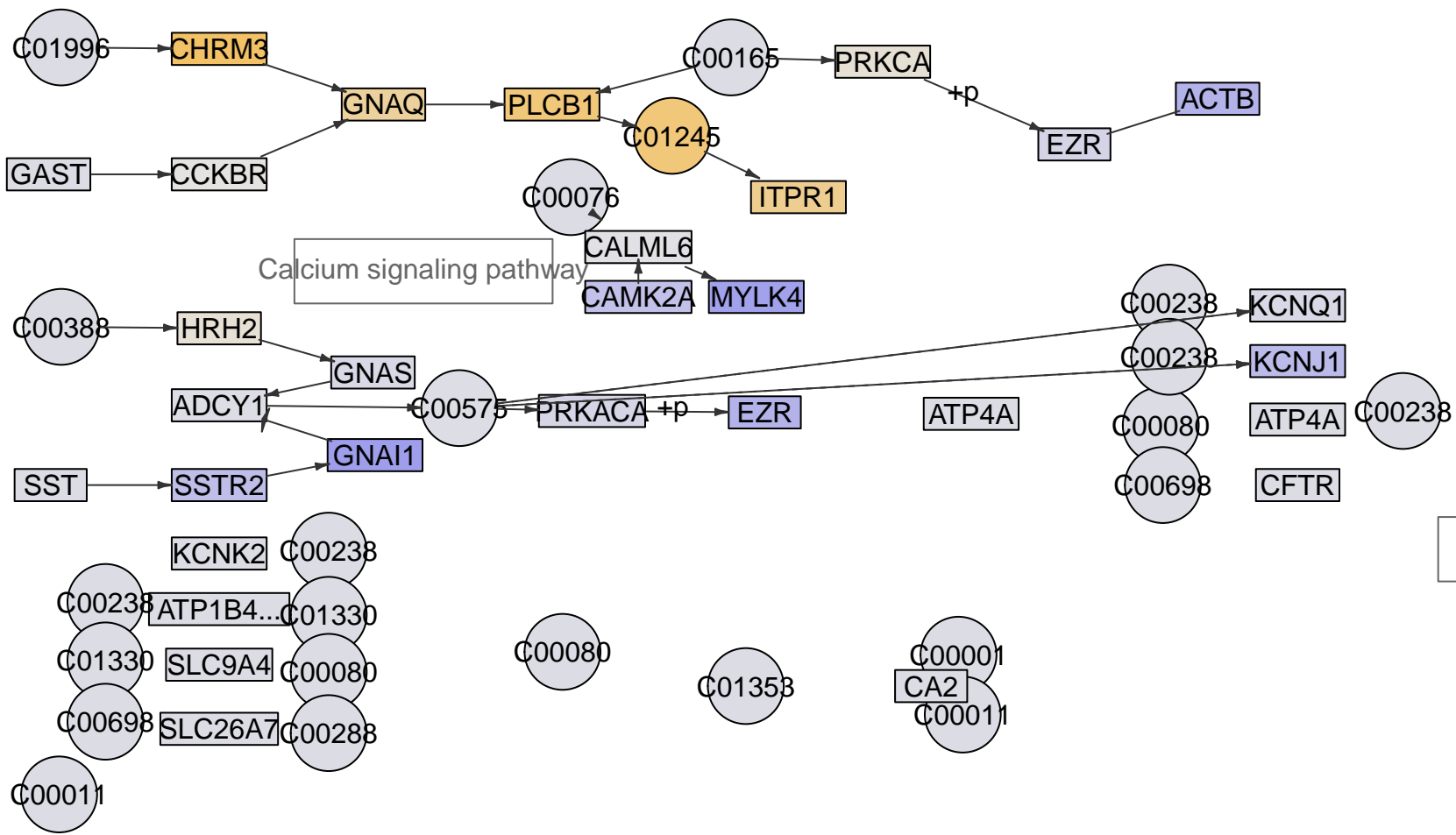
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-079

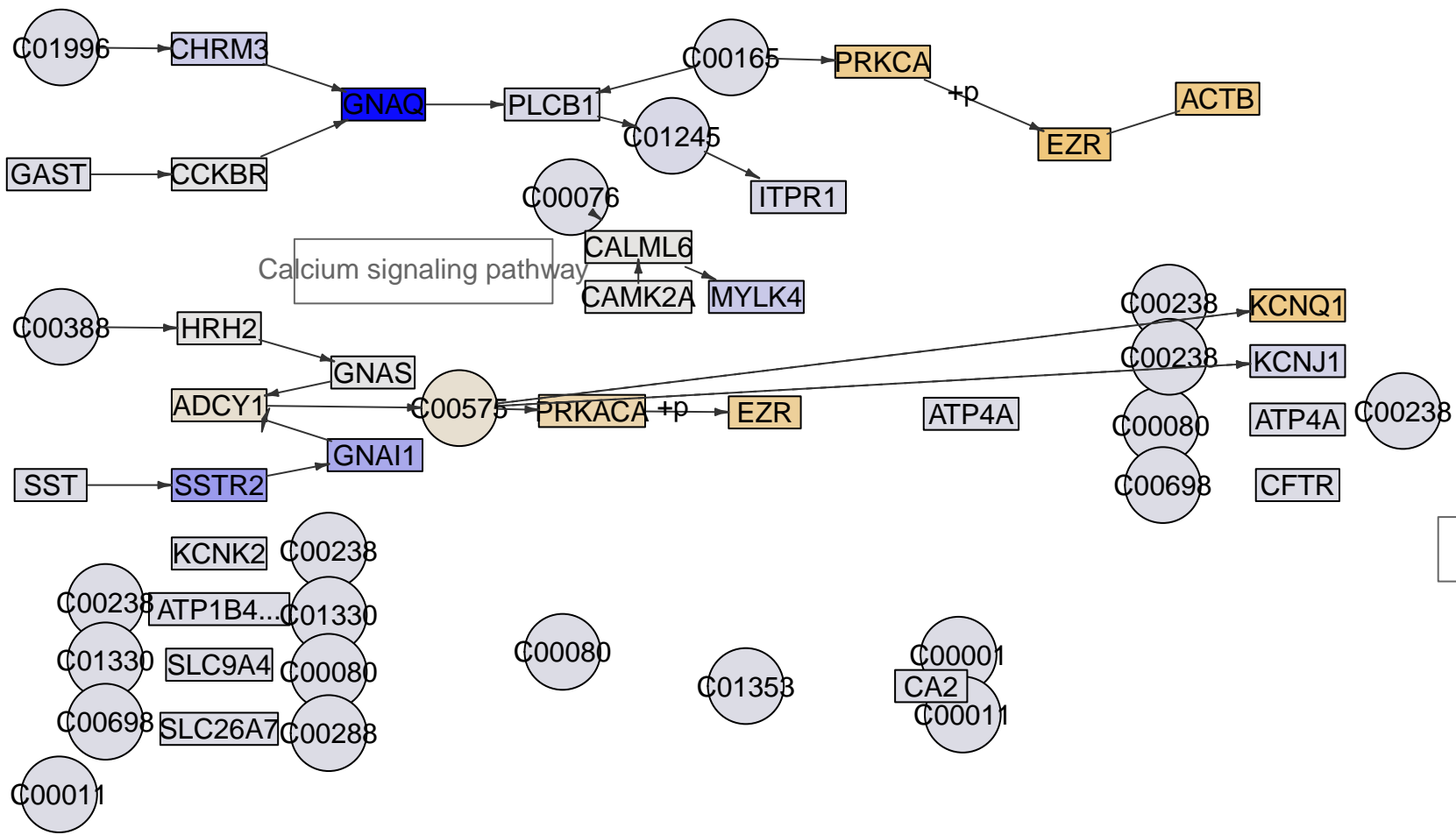
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-080

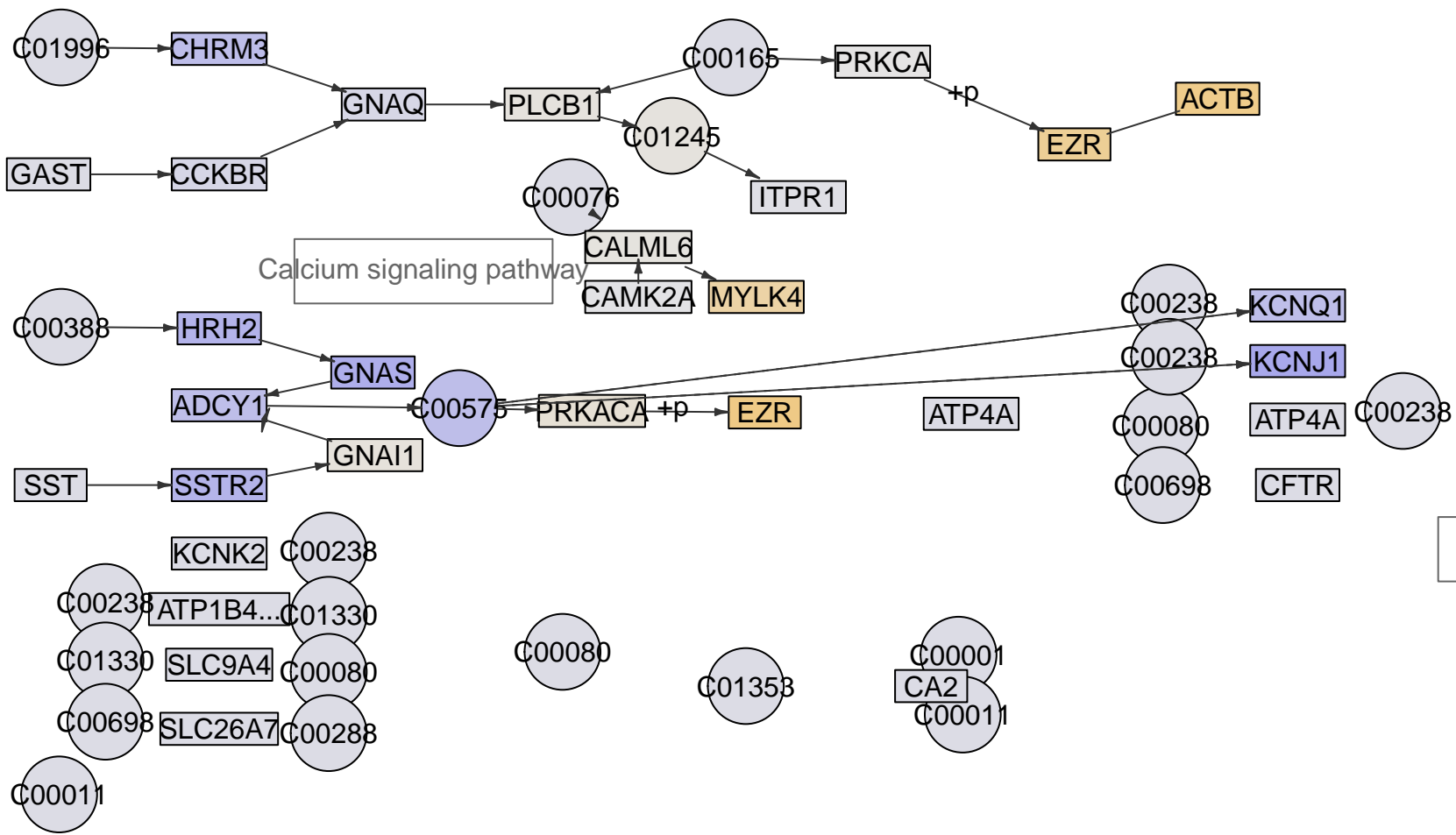
Tight junction



Protein digestion  
and absorption

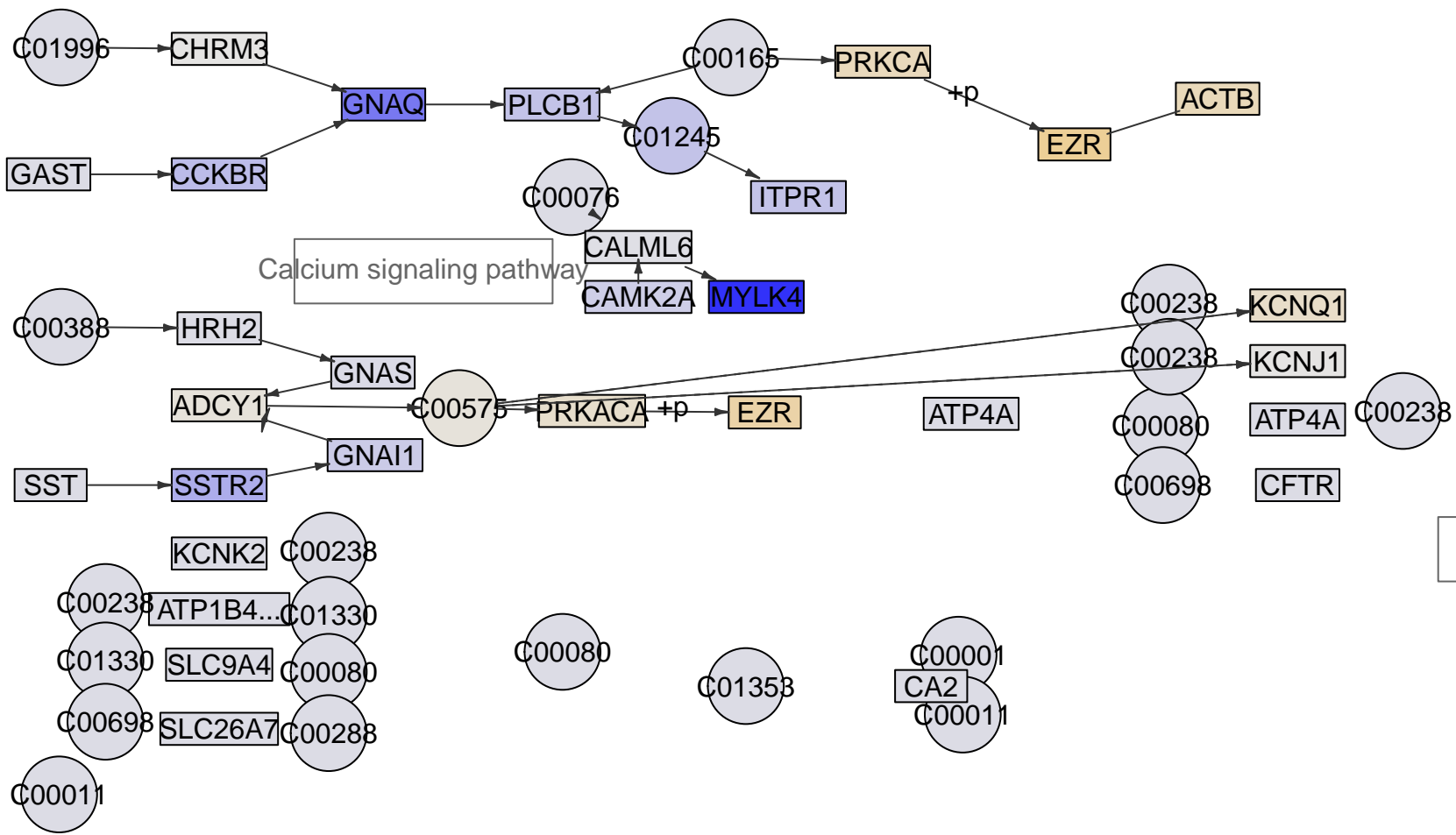
Gastric acid secretion  
MPI-081

Tight junction



Gastric acid secretion  
MPI-082

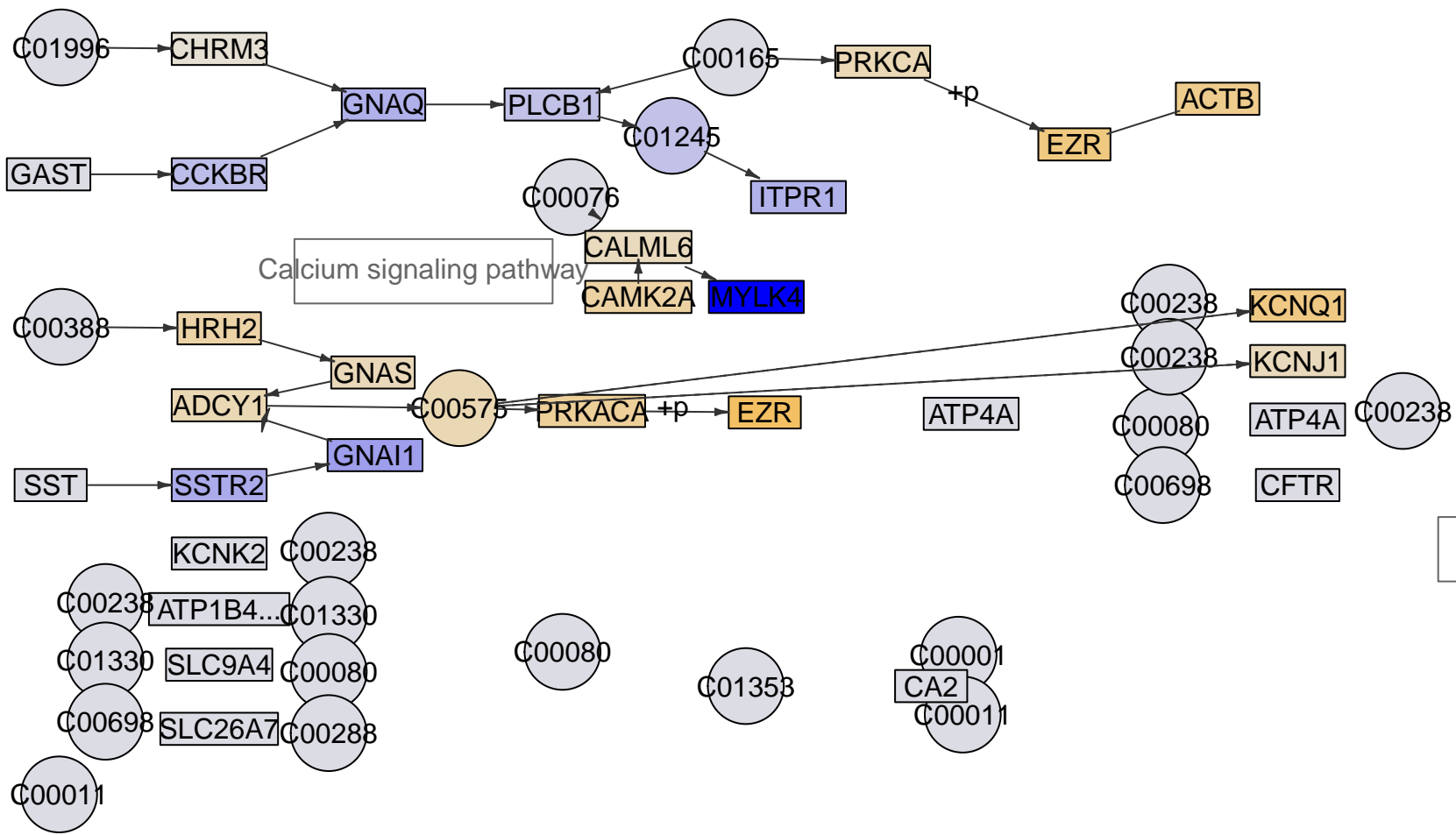
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-084

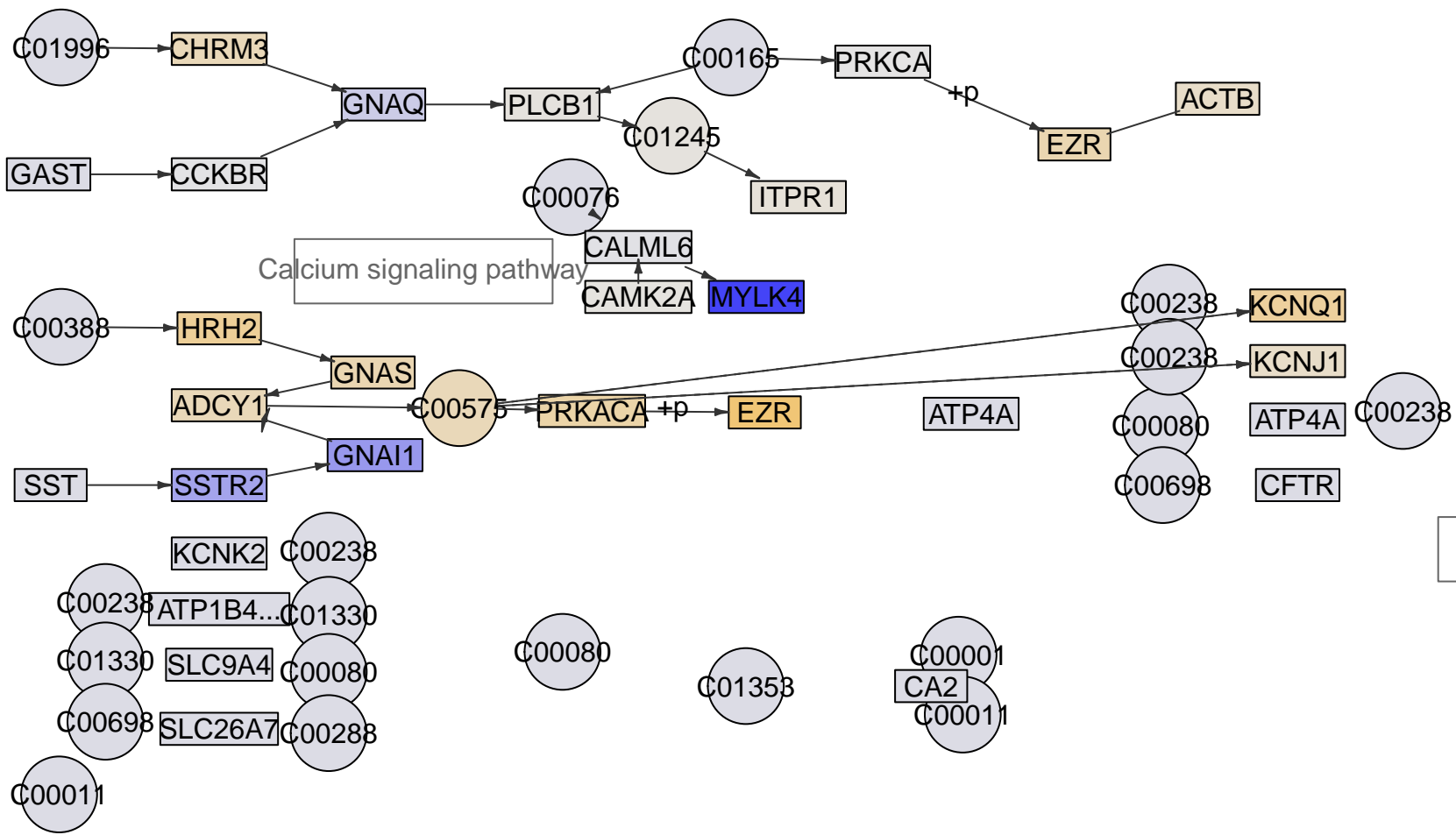
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-085

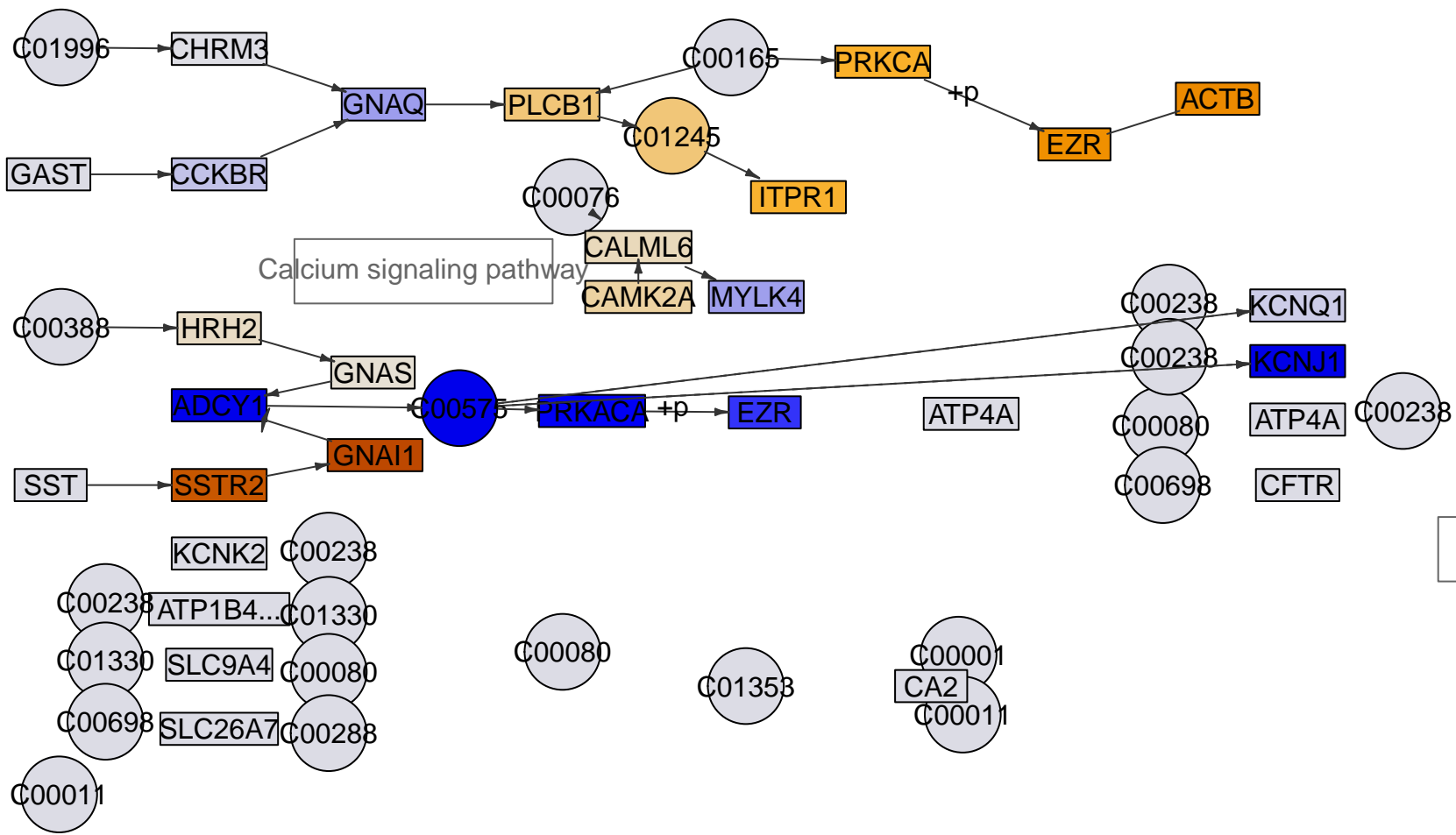
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-086

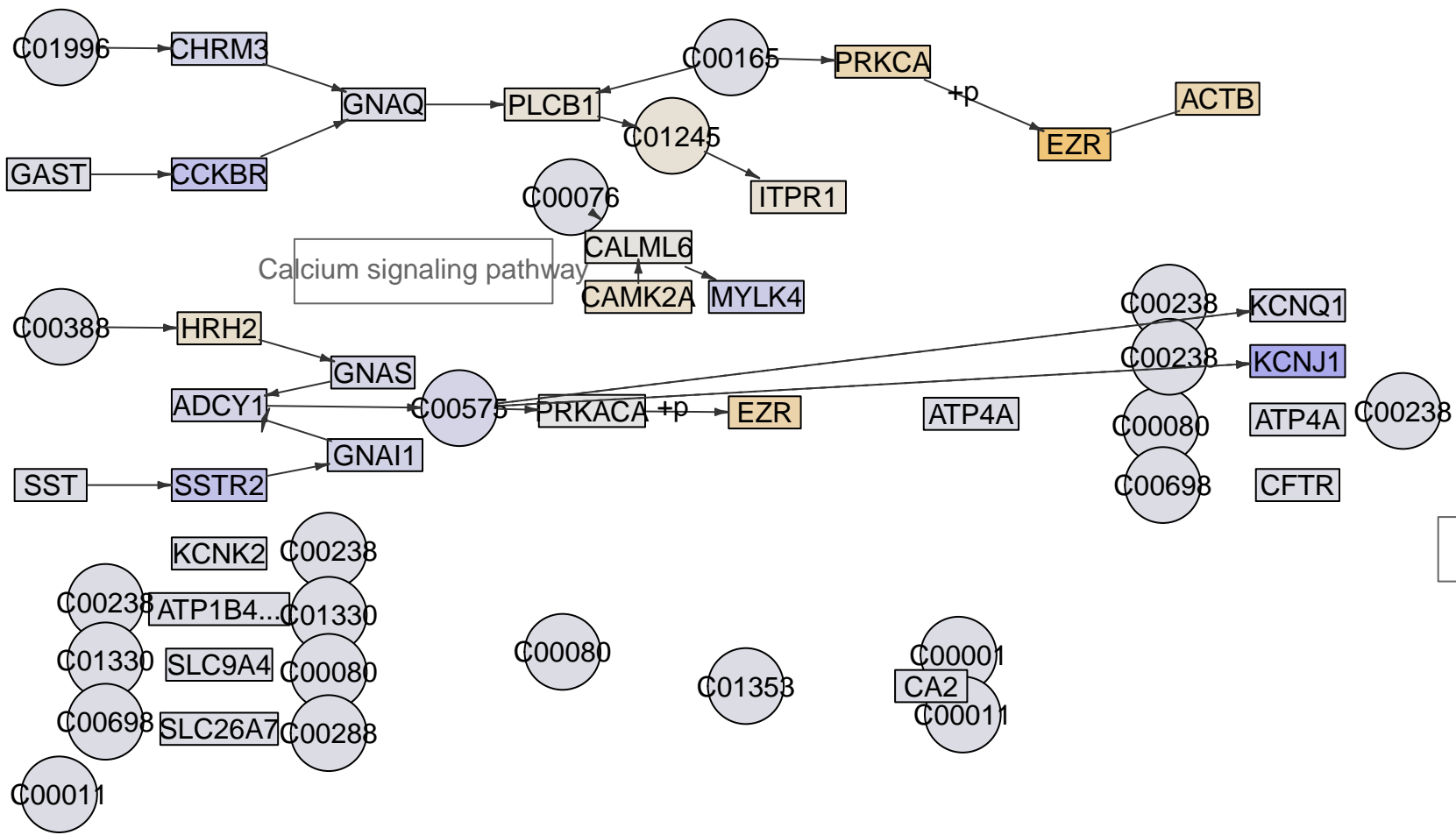
Tight junction





Gastric acid secretion  
MPI-087

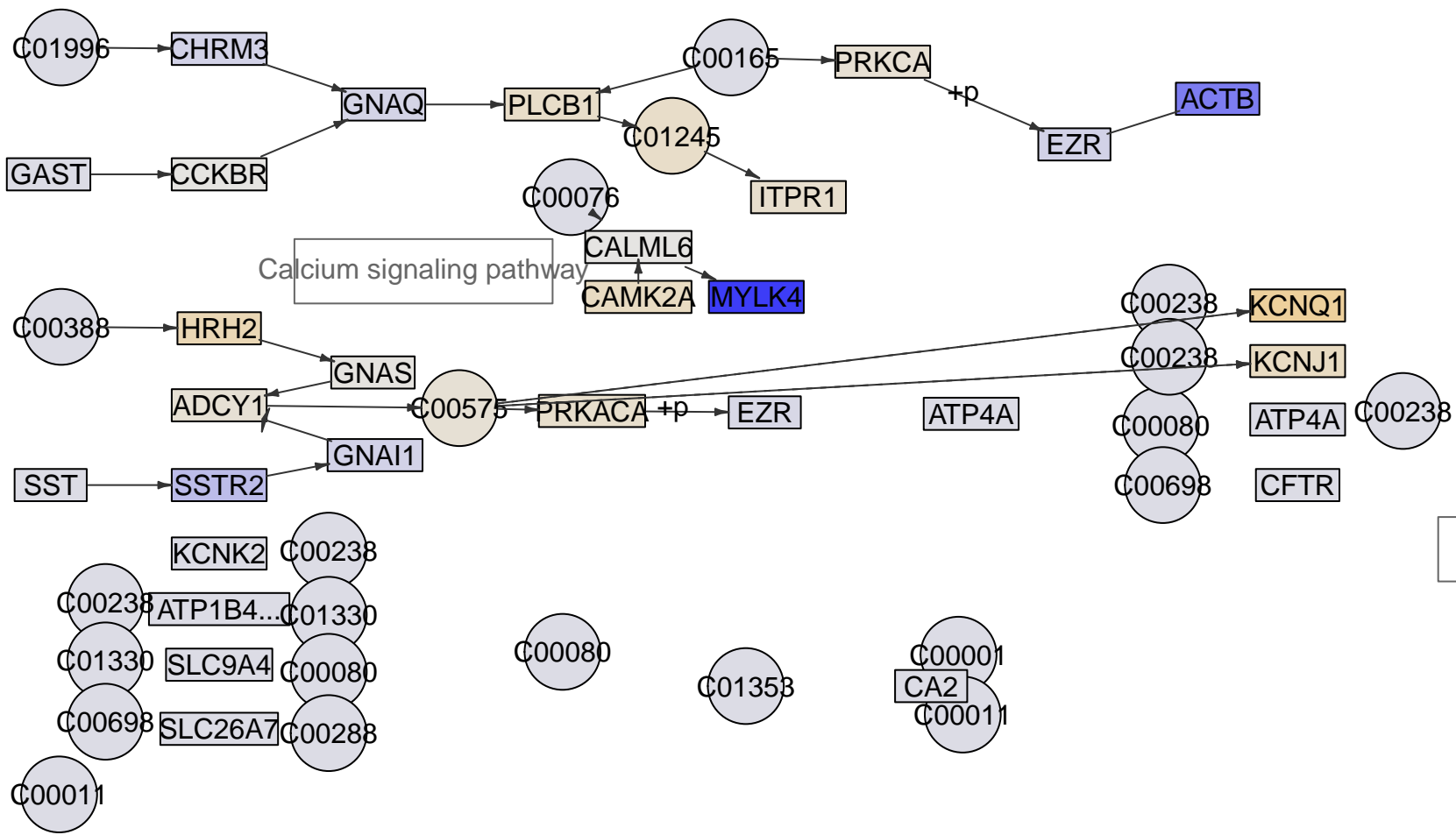
Tight junction



Protein digestion  
and absorption

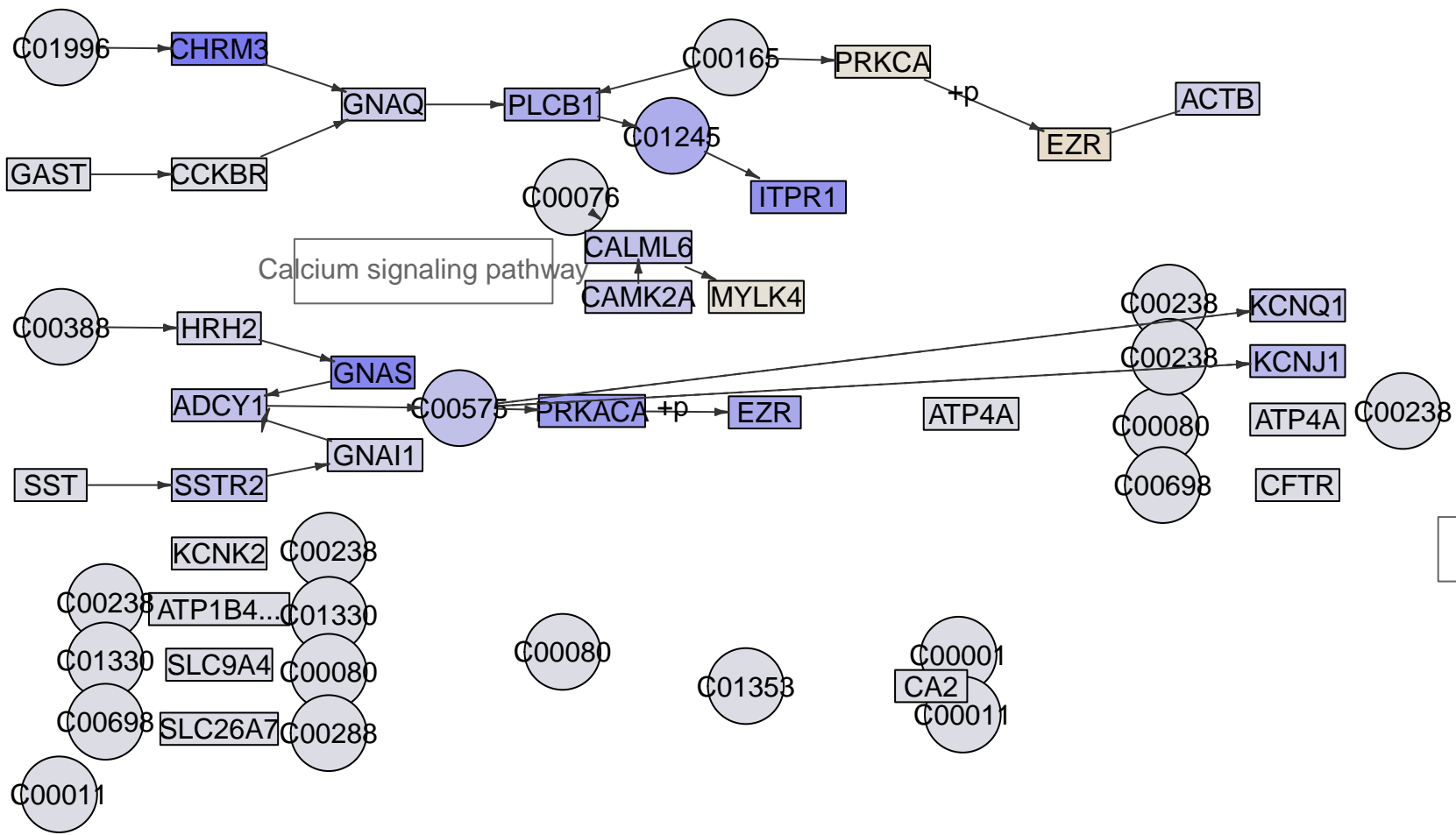
Gastric acid secretion  
MPI-089

Tight junction



Gastric acid secretion  
MPI-090

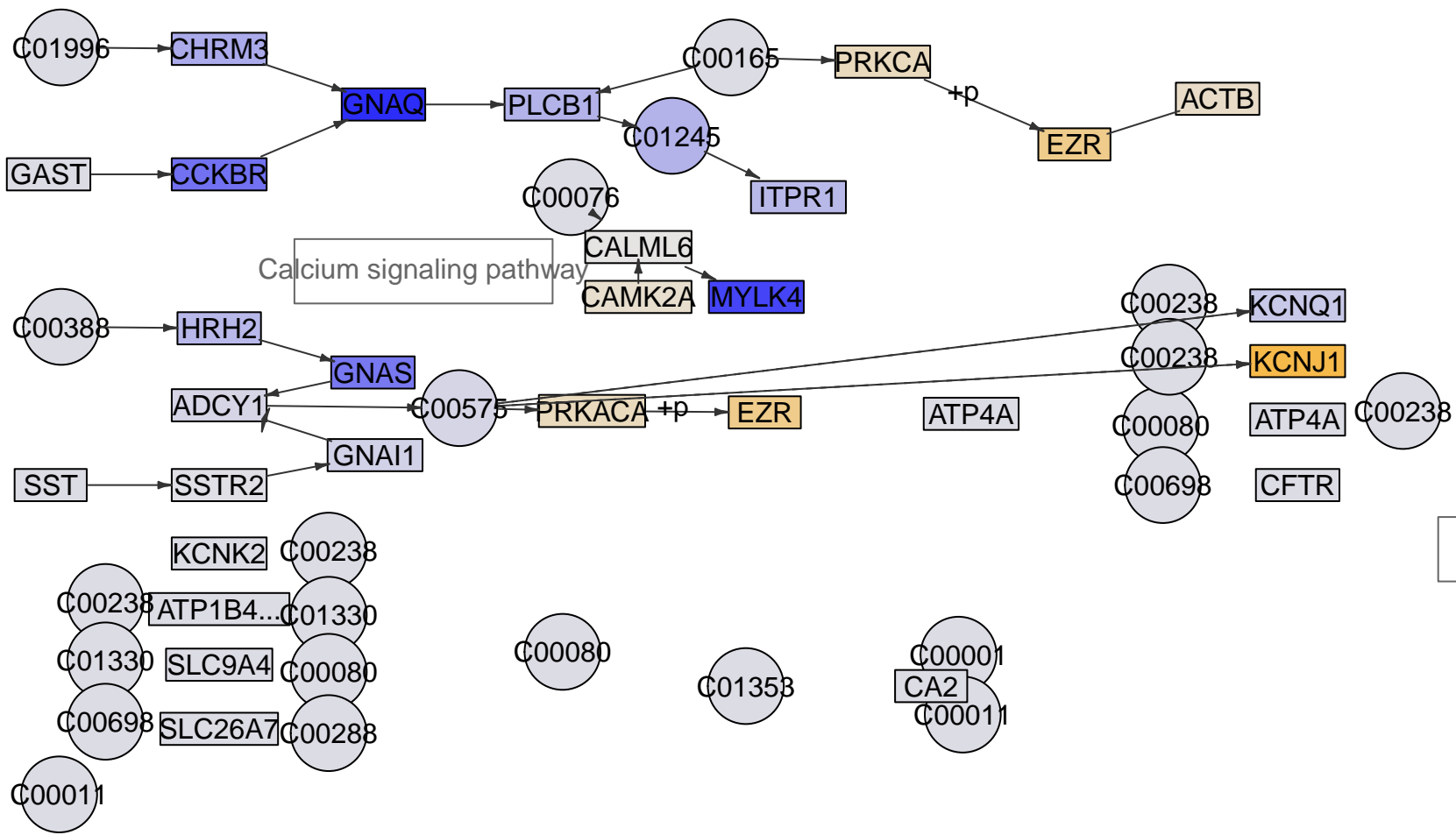
Tight junction



Protein digestion  
and absorption

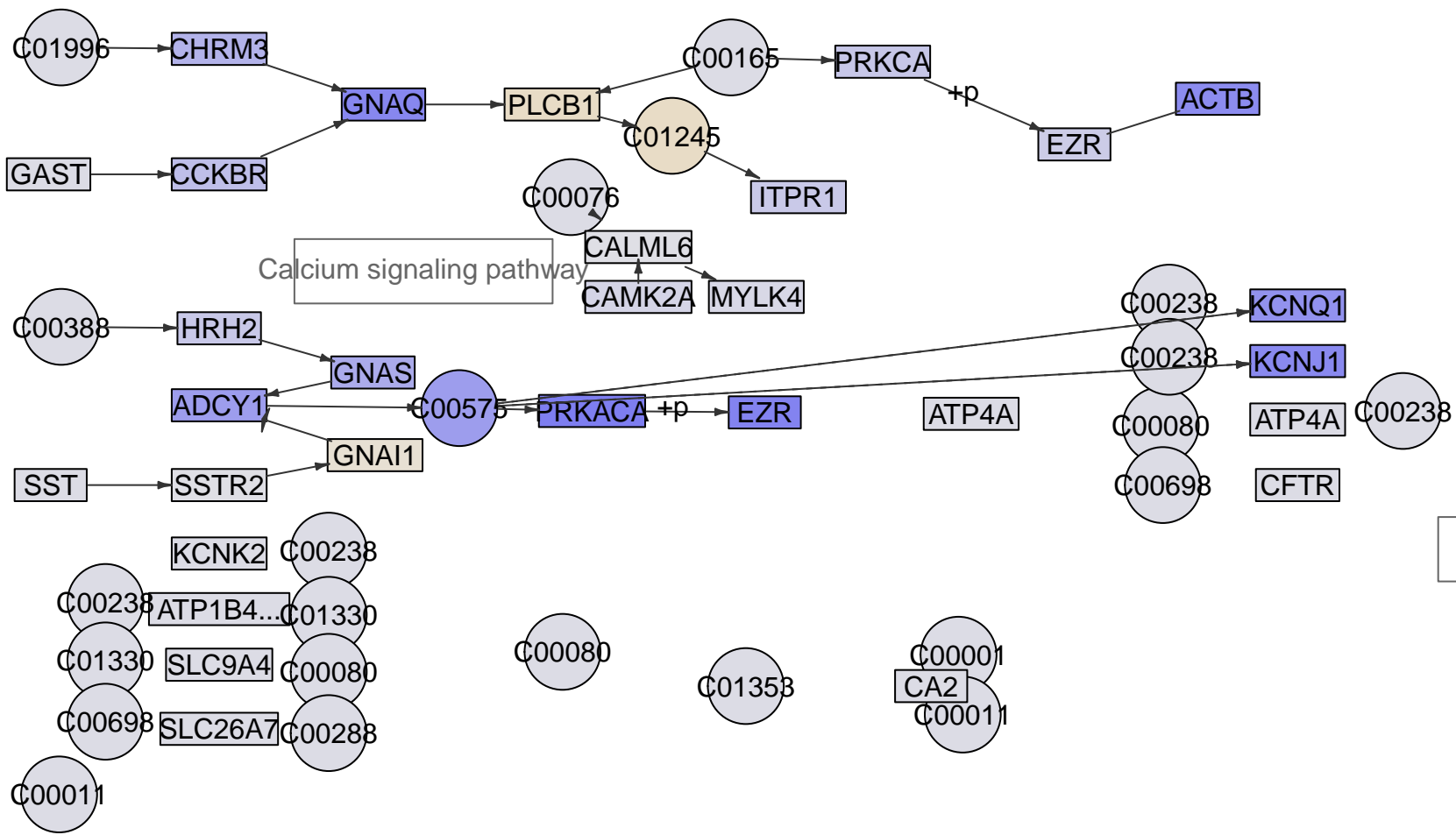
Gastric acid secretion  
MPI-091

Tight junction



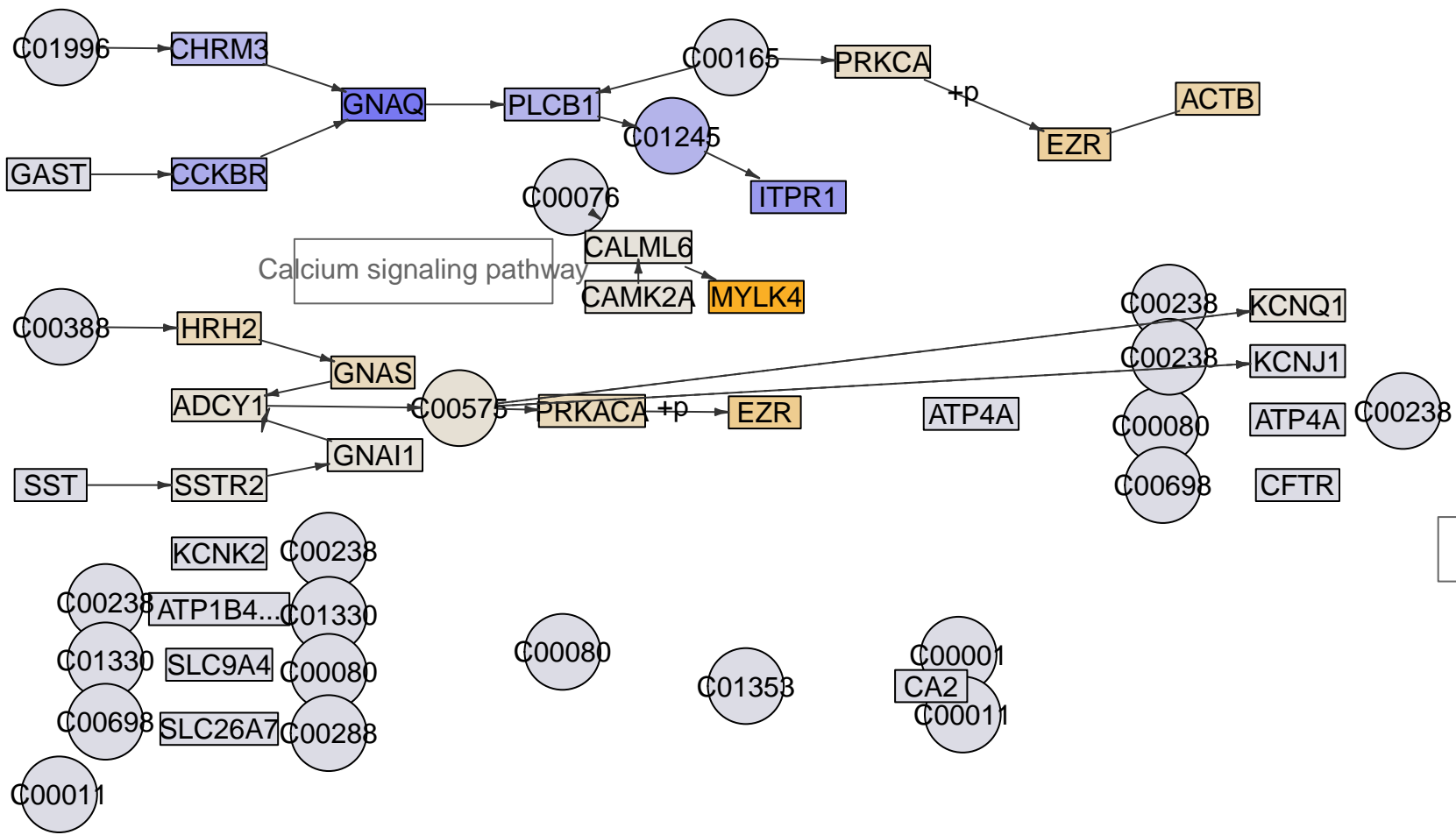
Gastric acid secretion  
MPI-095

Tight junction



Gastric acid secretion  
MPI-101

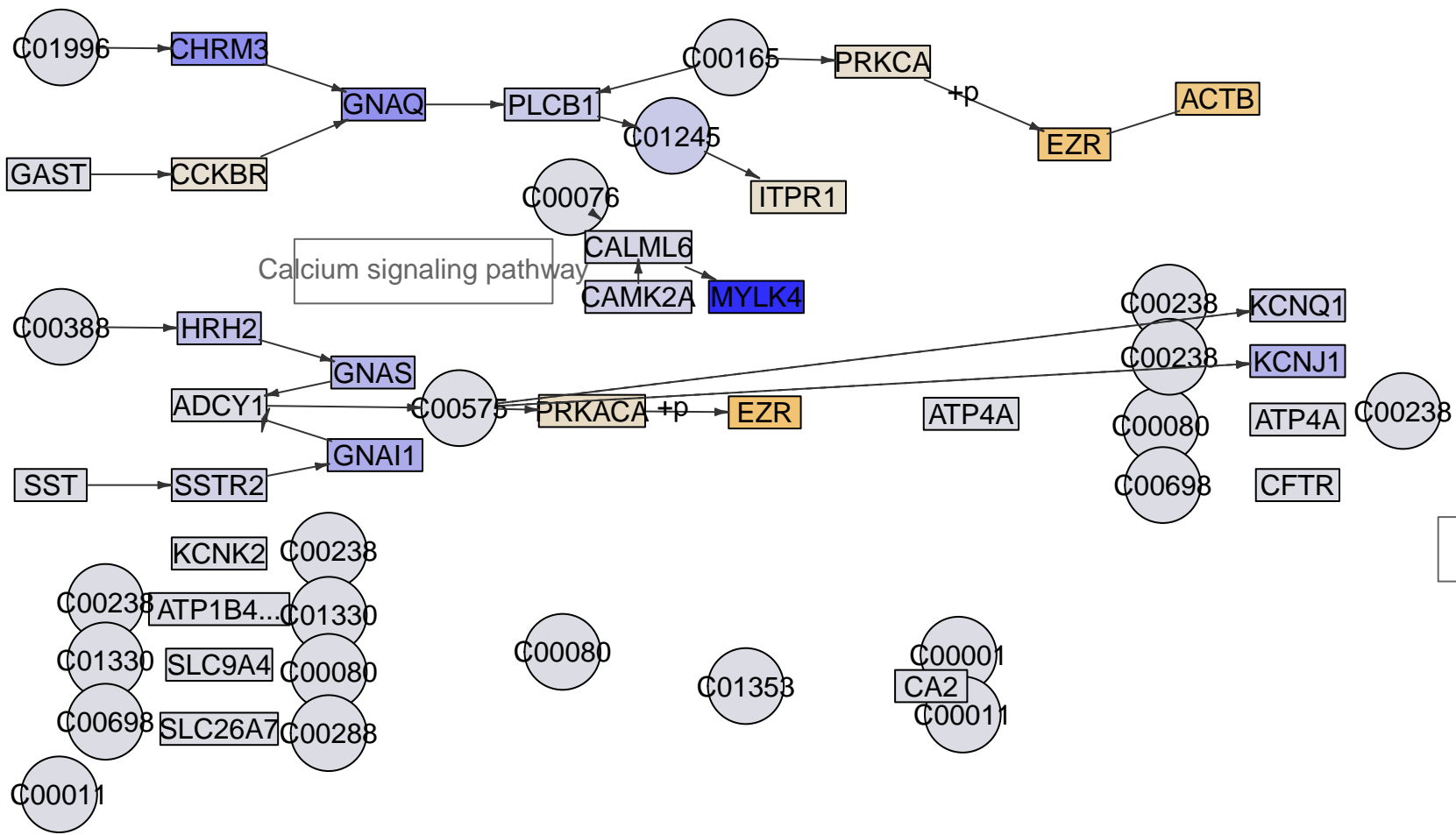
Tight junction



Protein digestion and absorption

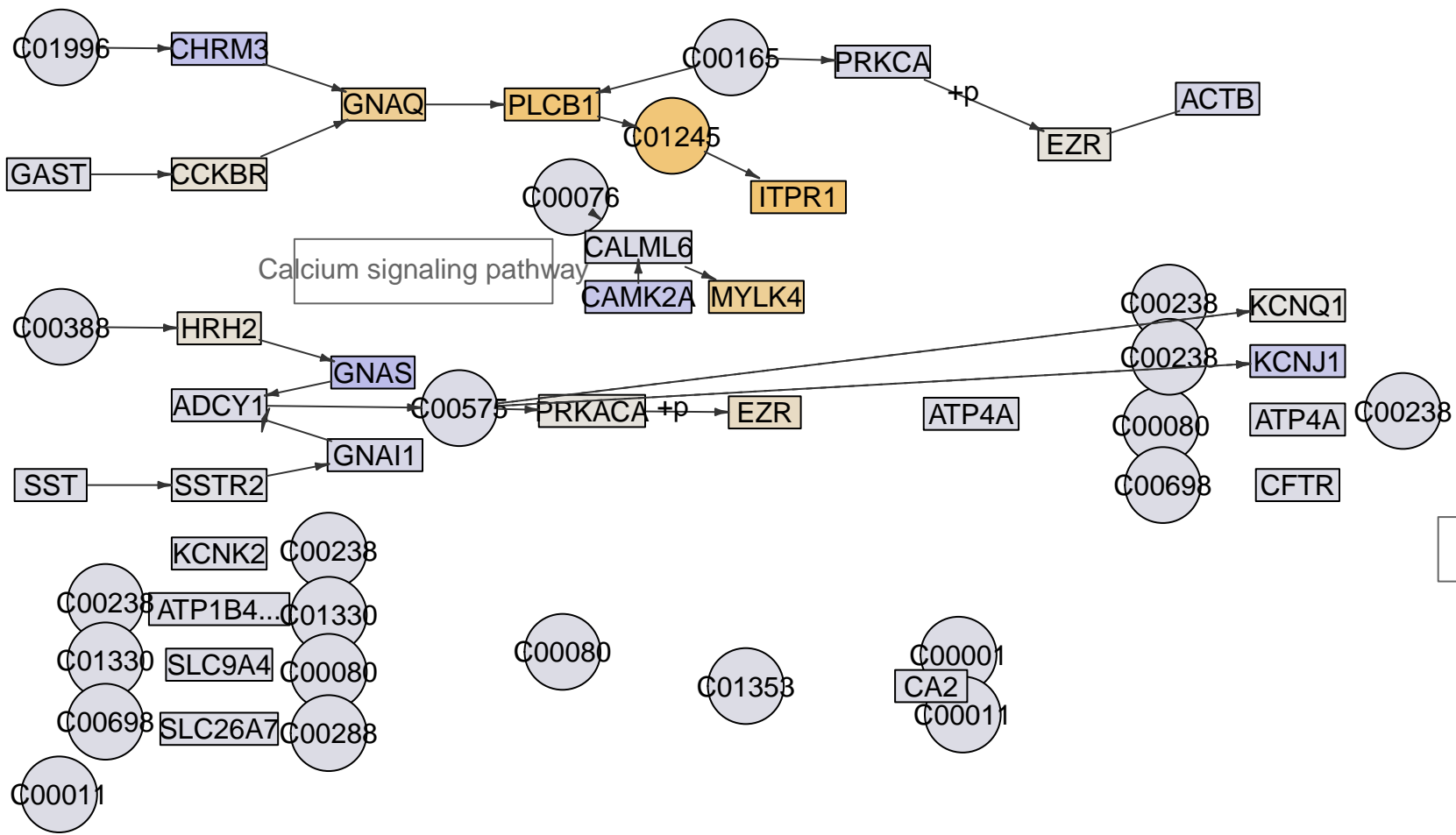
Gastric acid secretion  
MPI-114

Tight junction



Gastric acid secretion  
MPI-123

Tight junction



Protein digestion  
and absorption

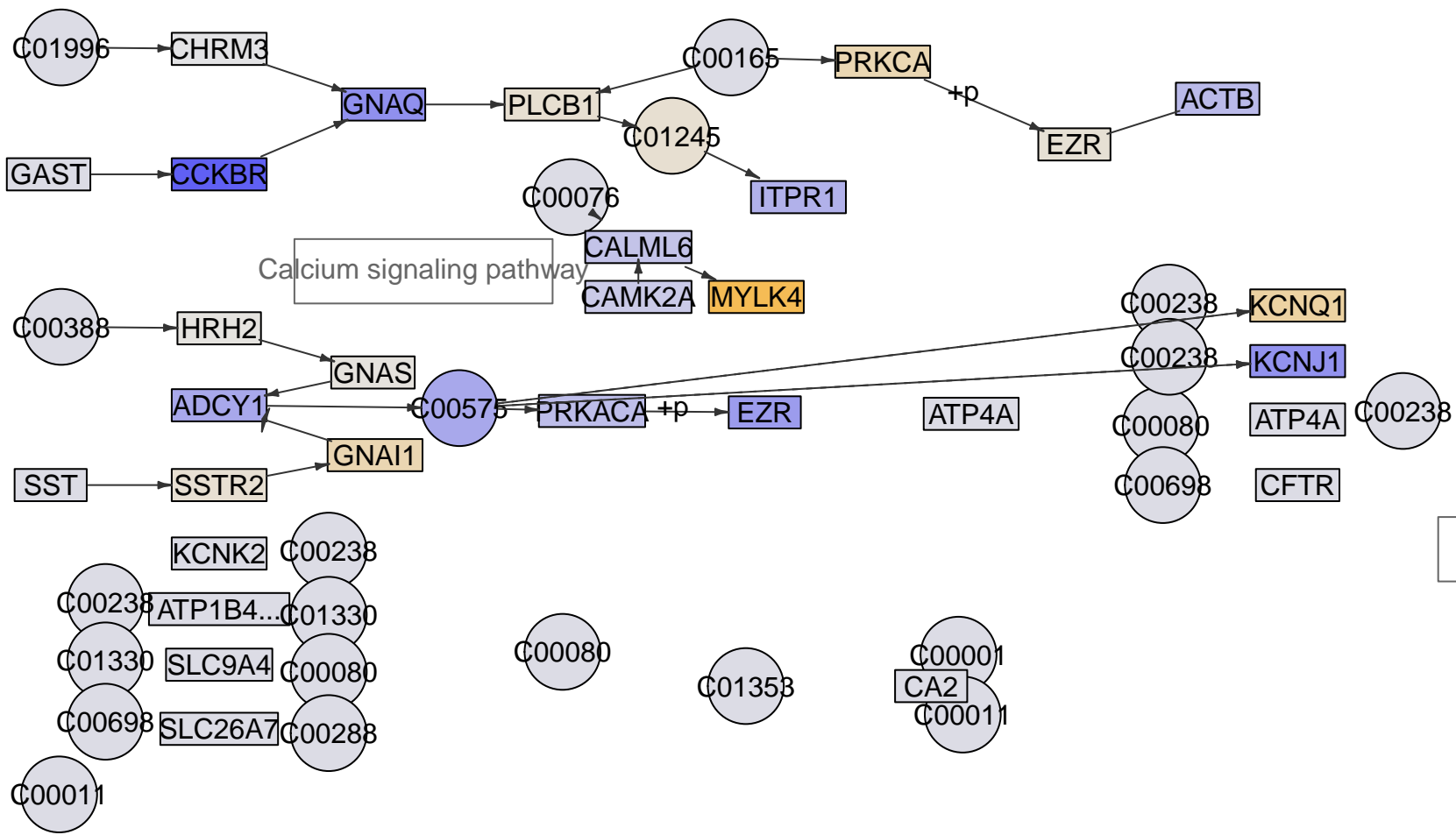






Gastric acid secretion  
MPI-140

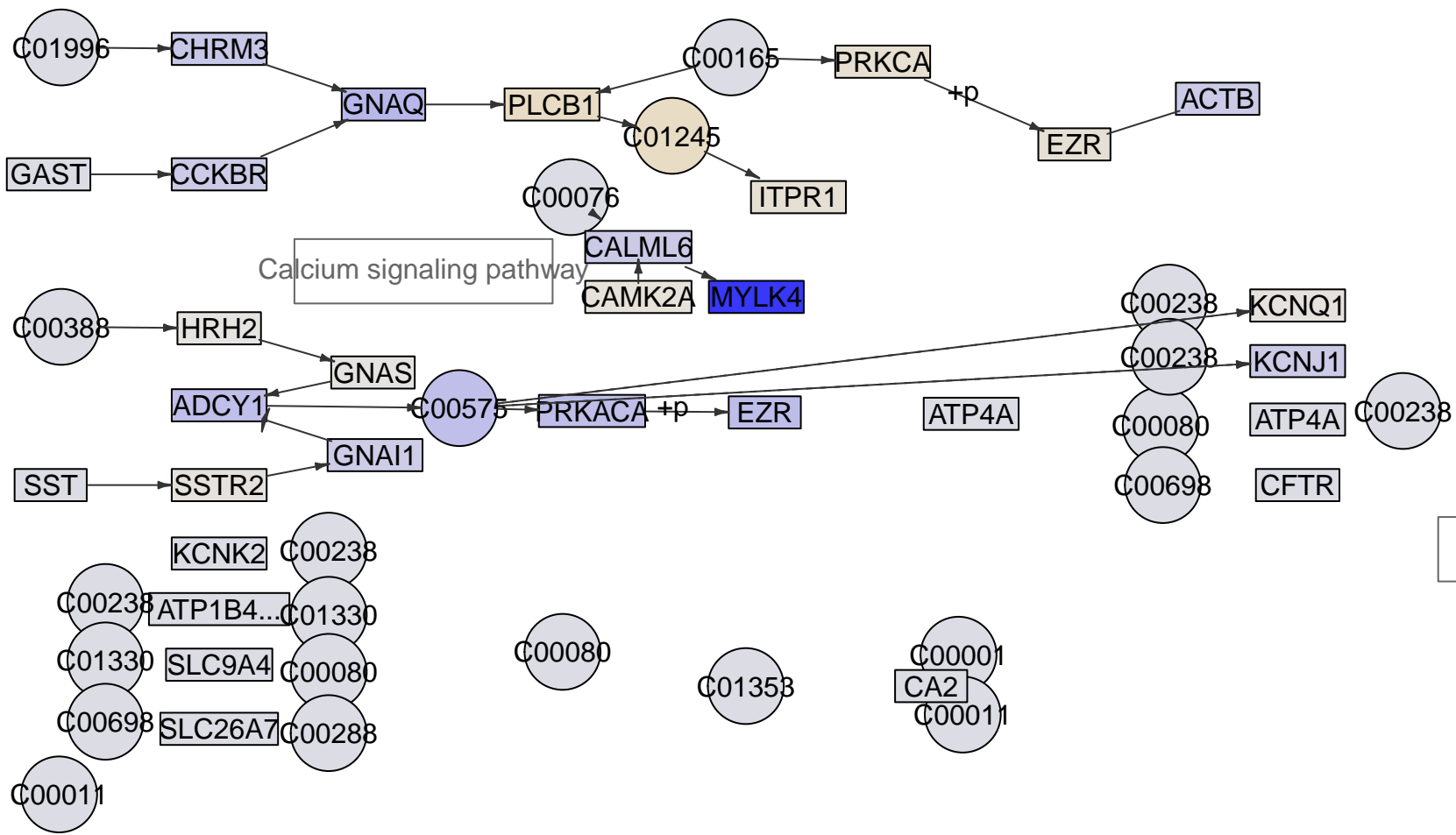
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-144

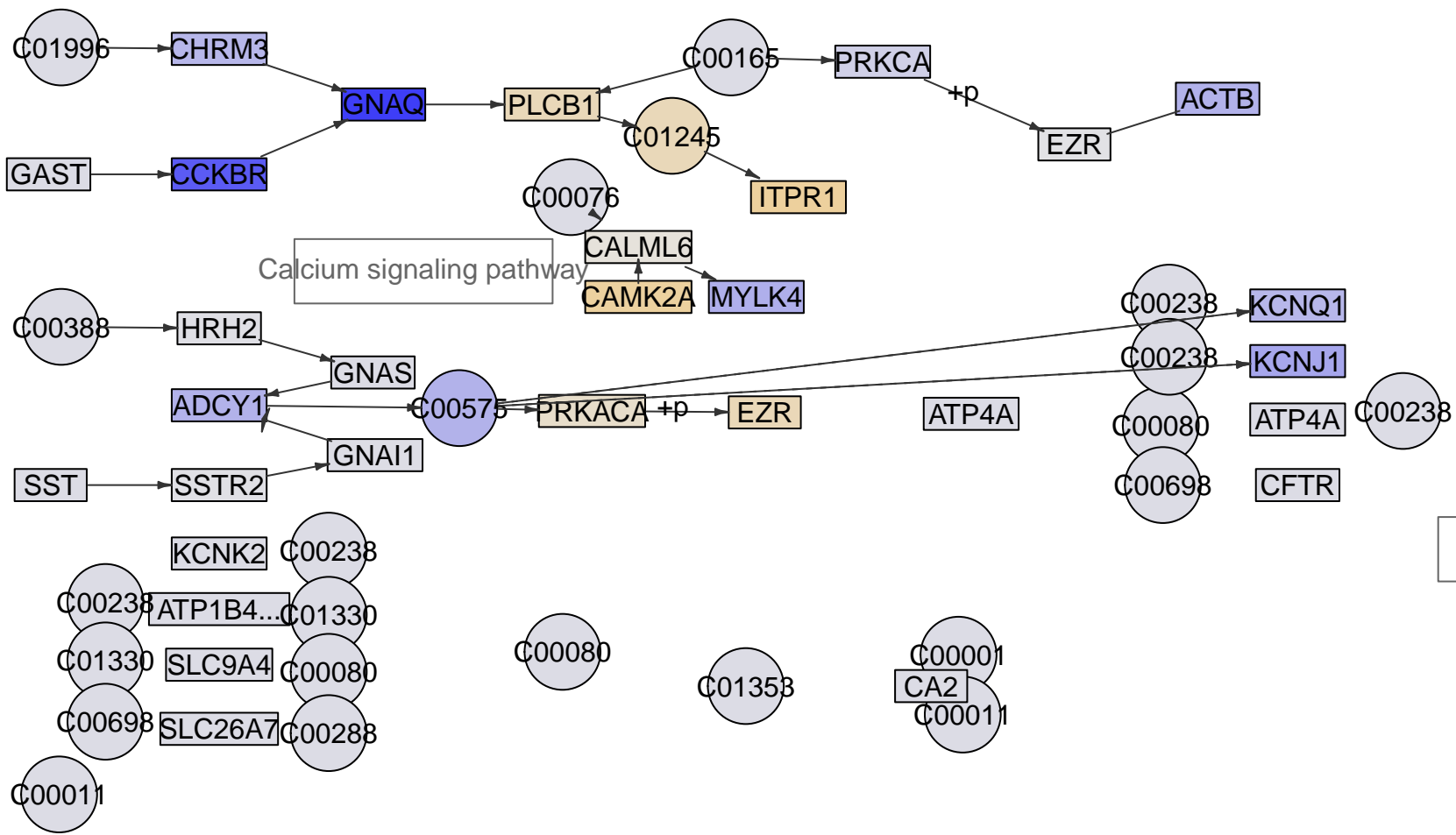
Tight junction



Protein digestion and absorption

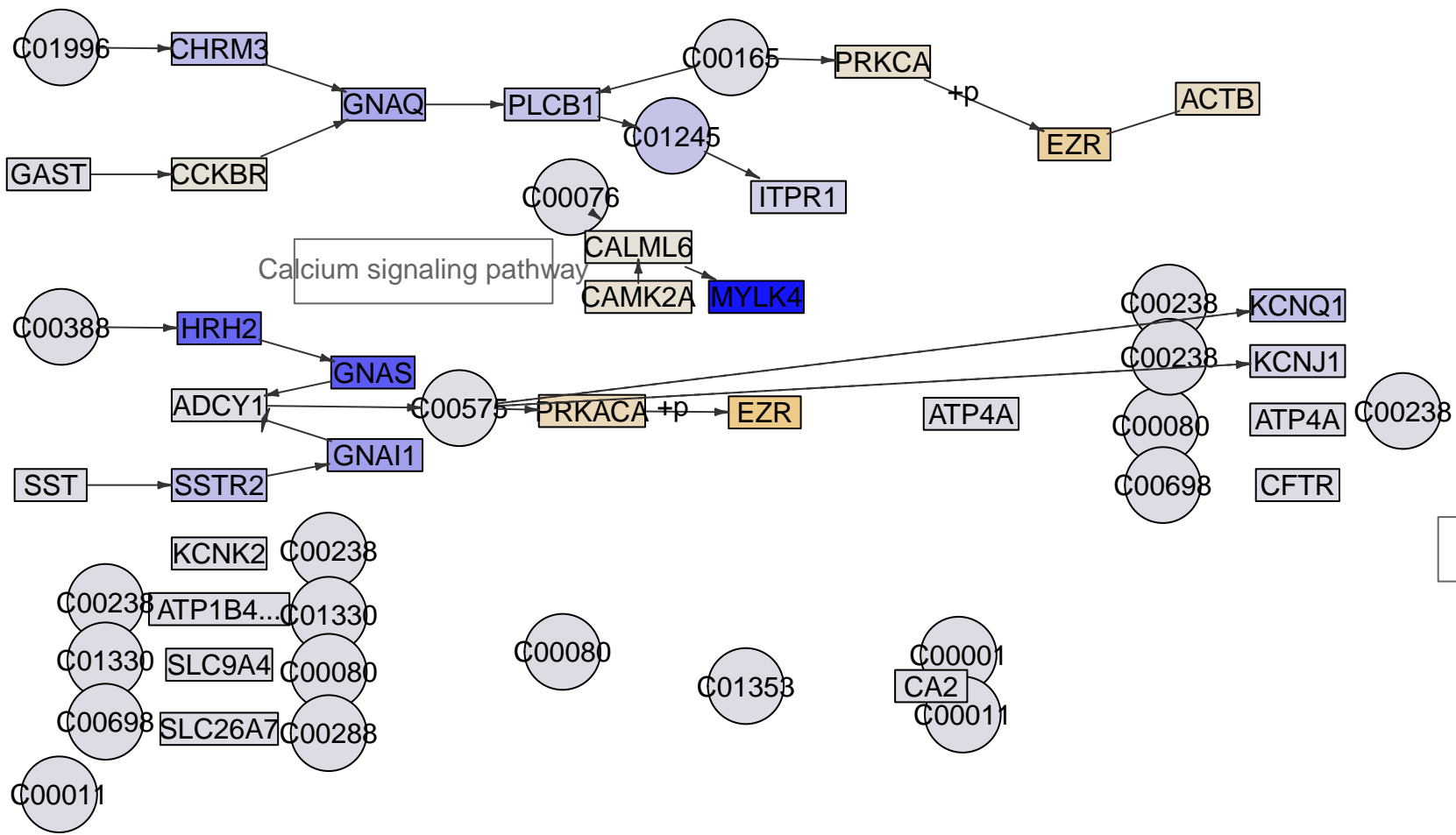
Gastric acid secretion  
MPI-147

Tight junction



Gastric acid secretion  
MPI-171

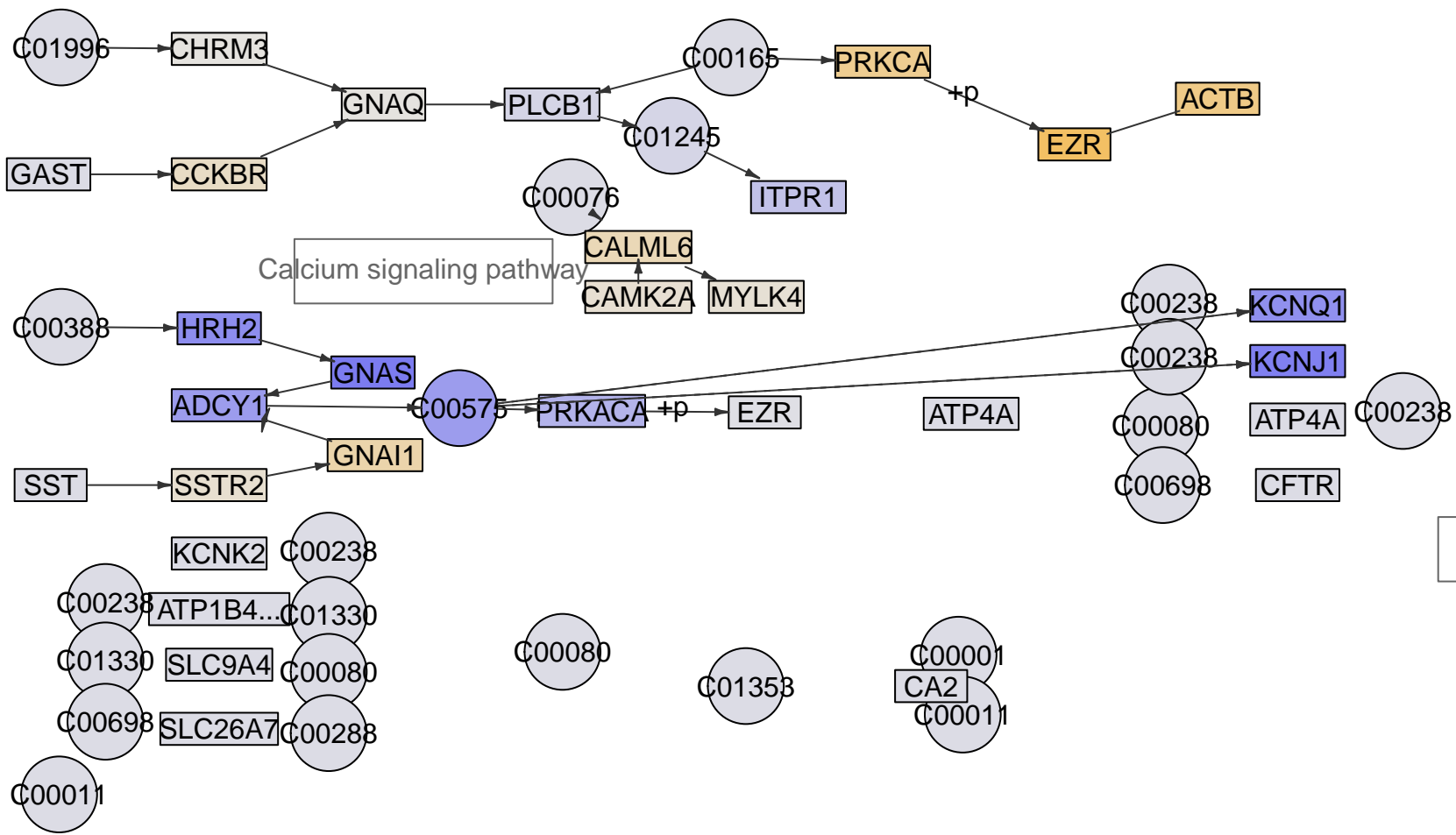
Tight junction



Protein digestion and absorption

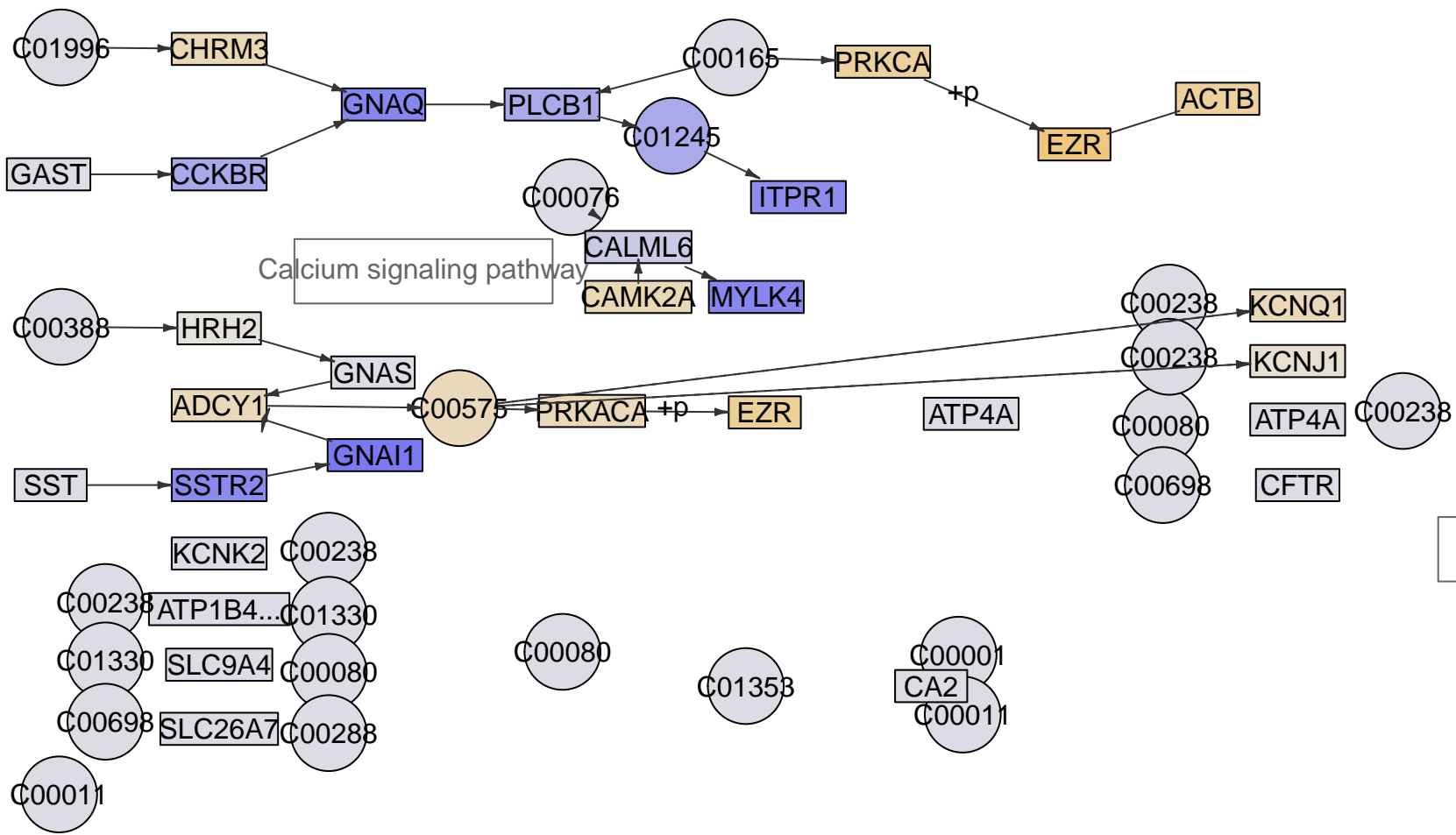
Gastric acid secretion  
MPI-172

Tight junction



Gastric acid secretion  
MPI-007

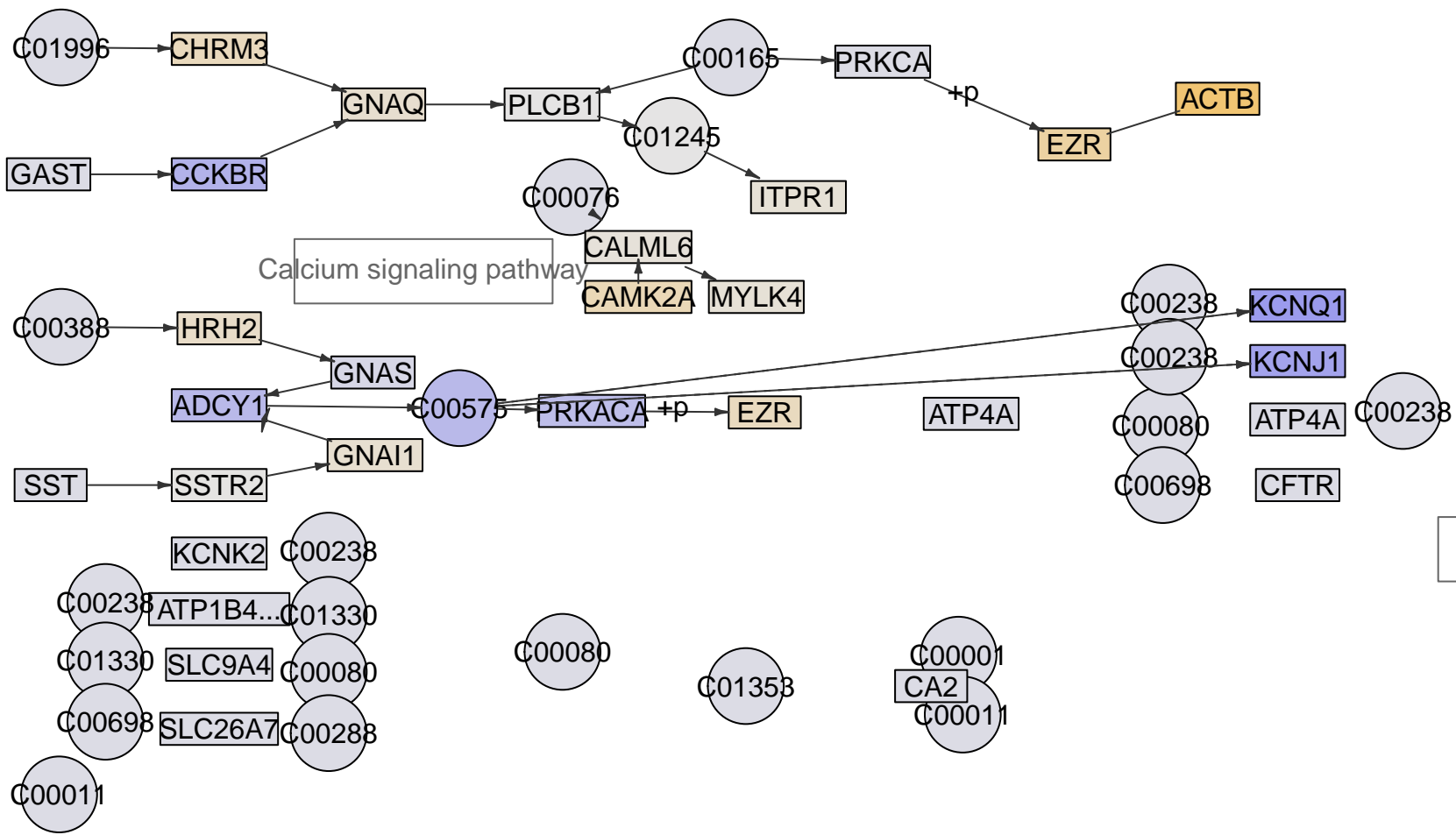
Tight junction





Gastric acid secretion  
MPI-011

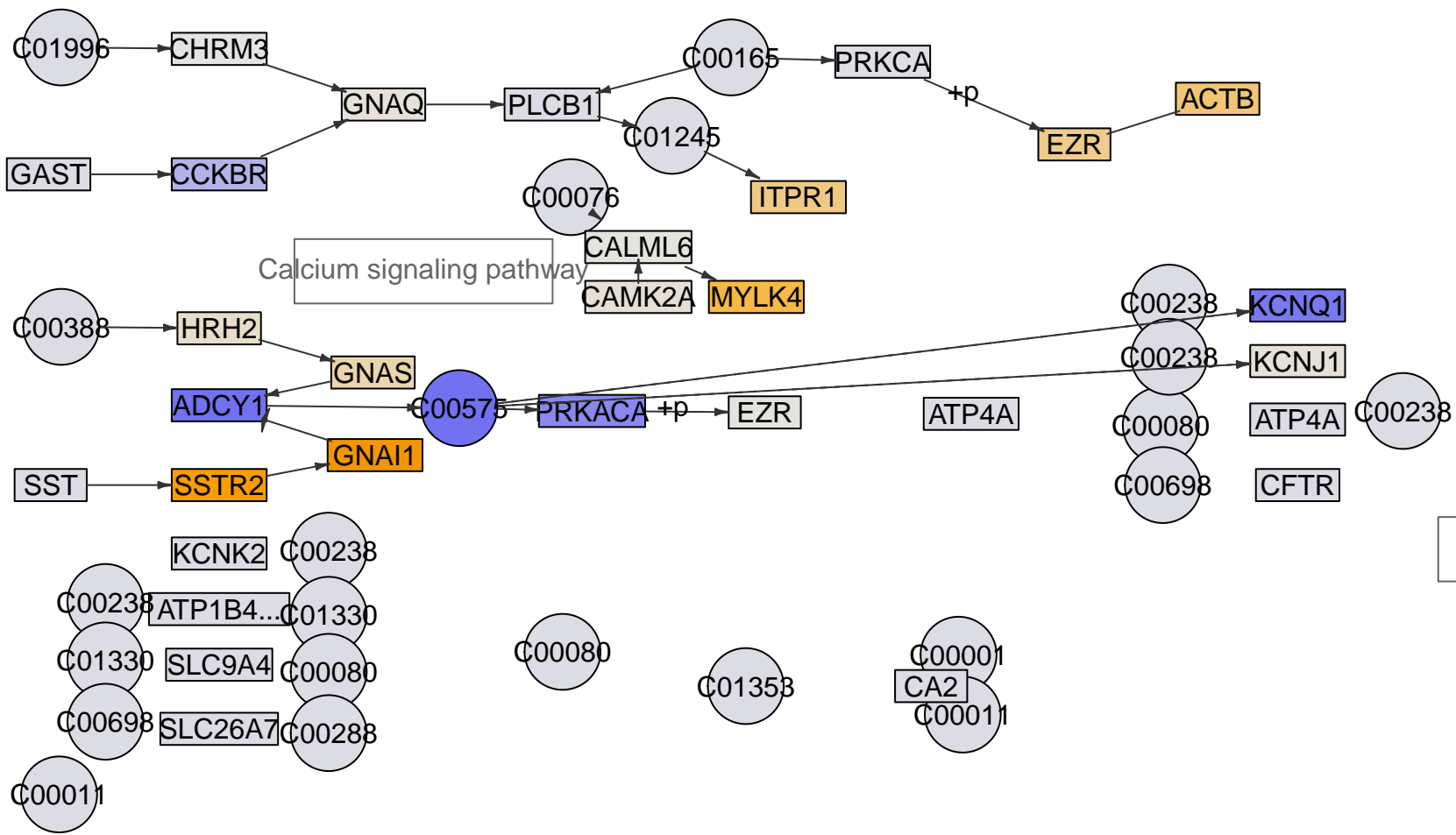
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-024

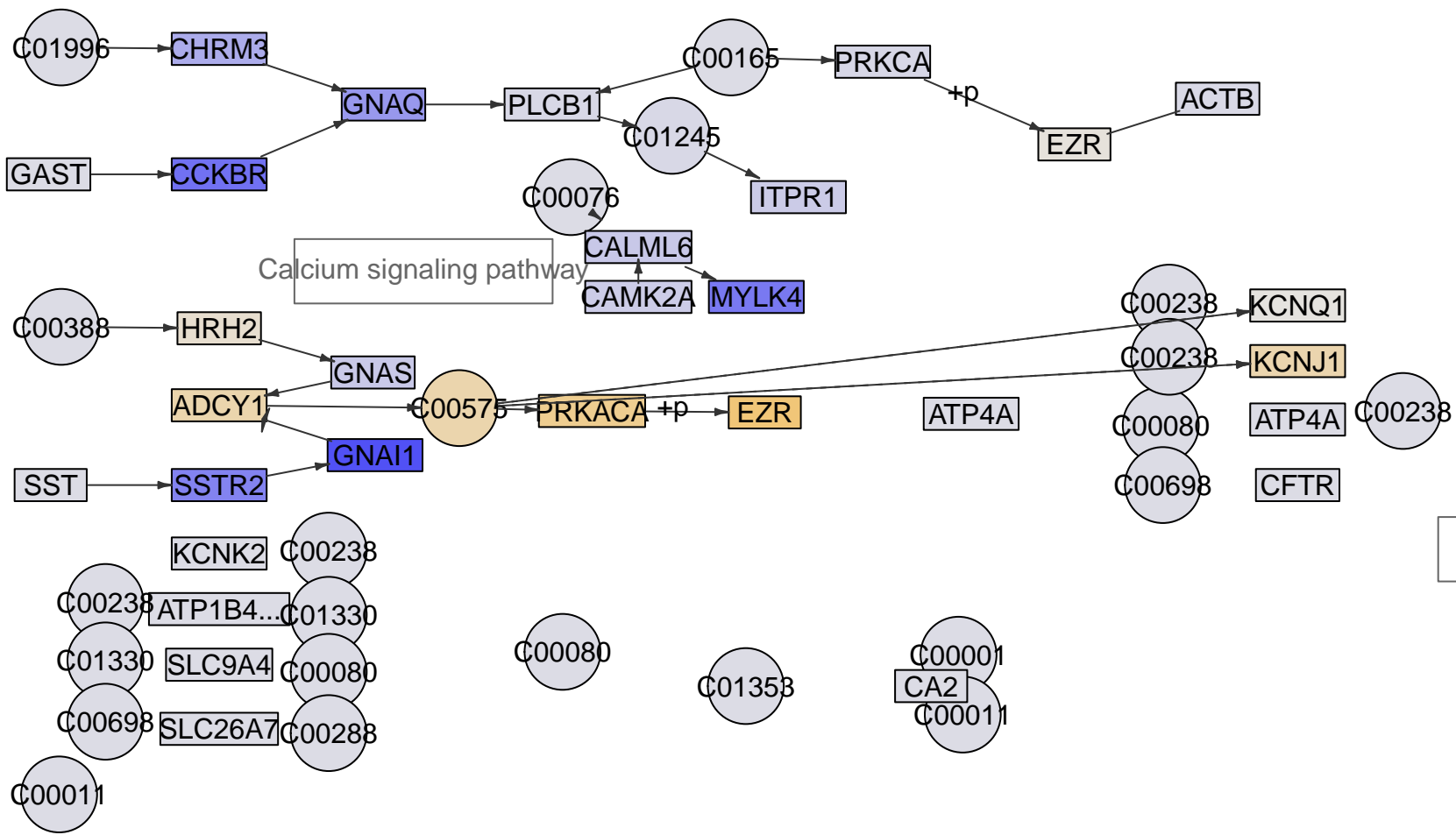
Tight junction



Protein digestion and absorption

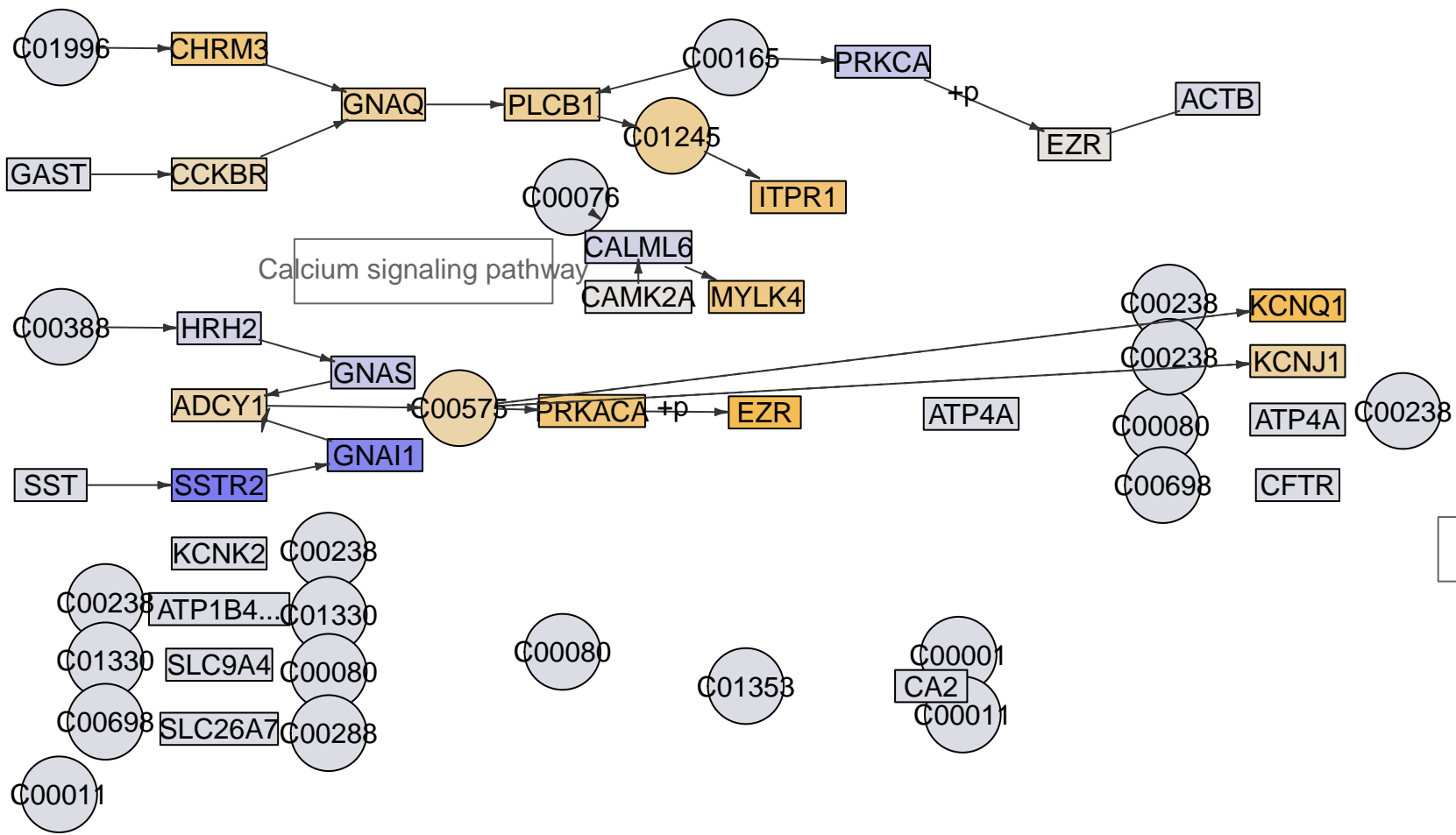
Gastric acid secretion  
MPI-026

Tight junction



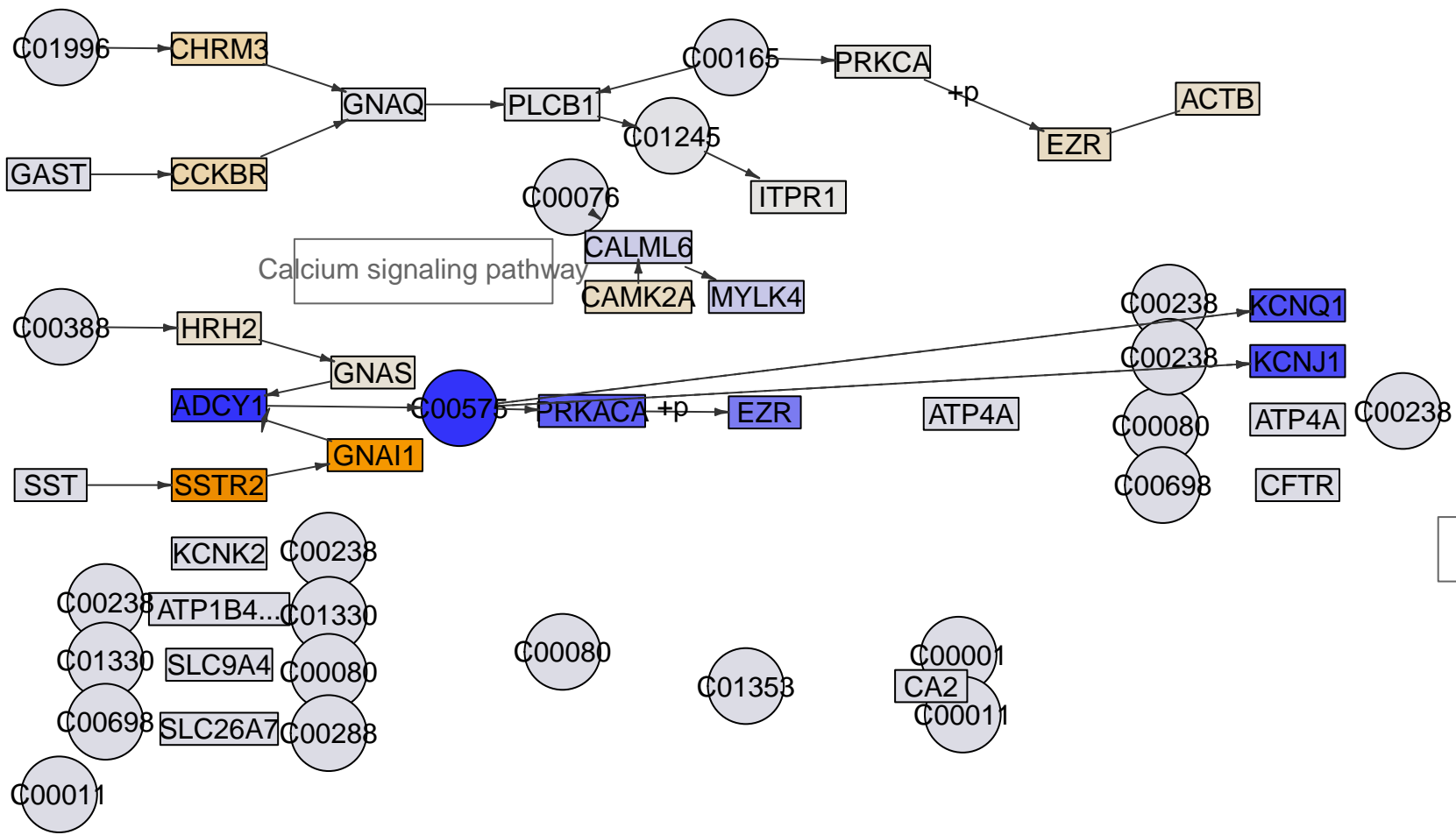
Gastric acid secretion  
MPI-036

Tight junction



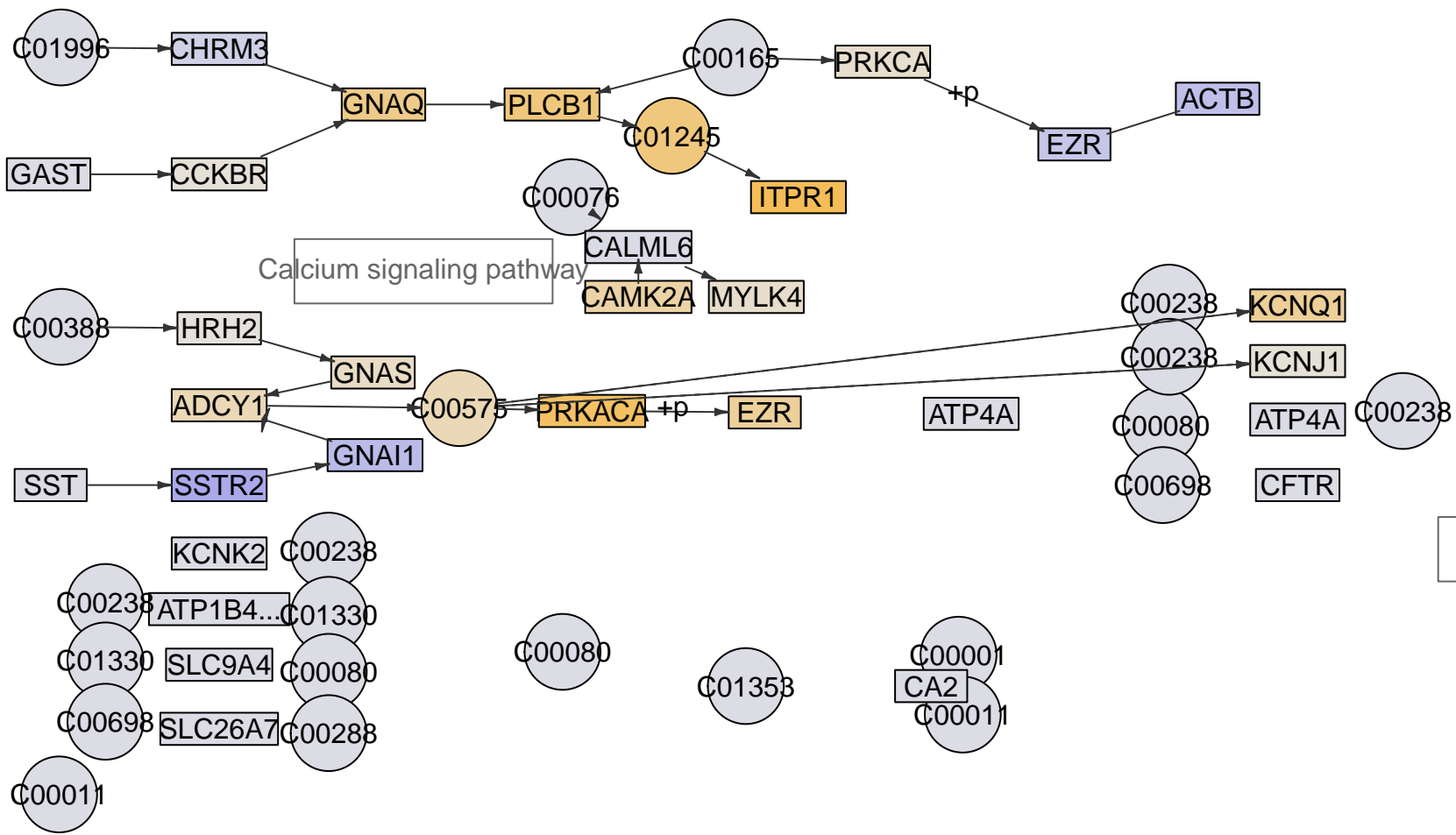
Gastric acid secretion  
MPI-037

Tight junction



Gastric acid secretion  
MPI-038

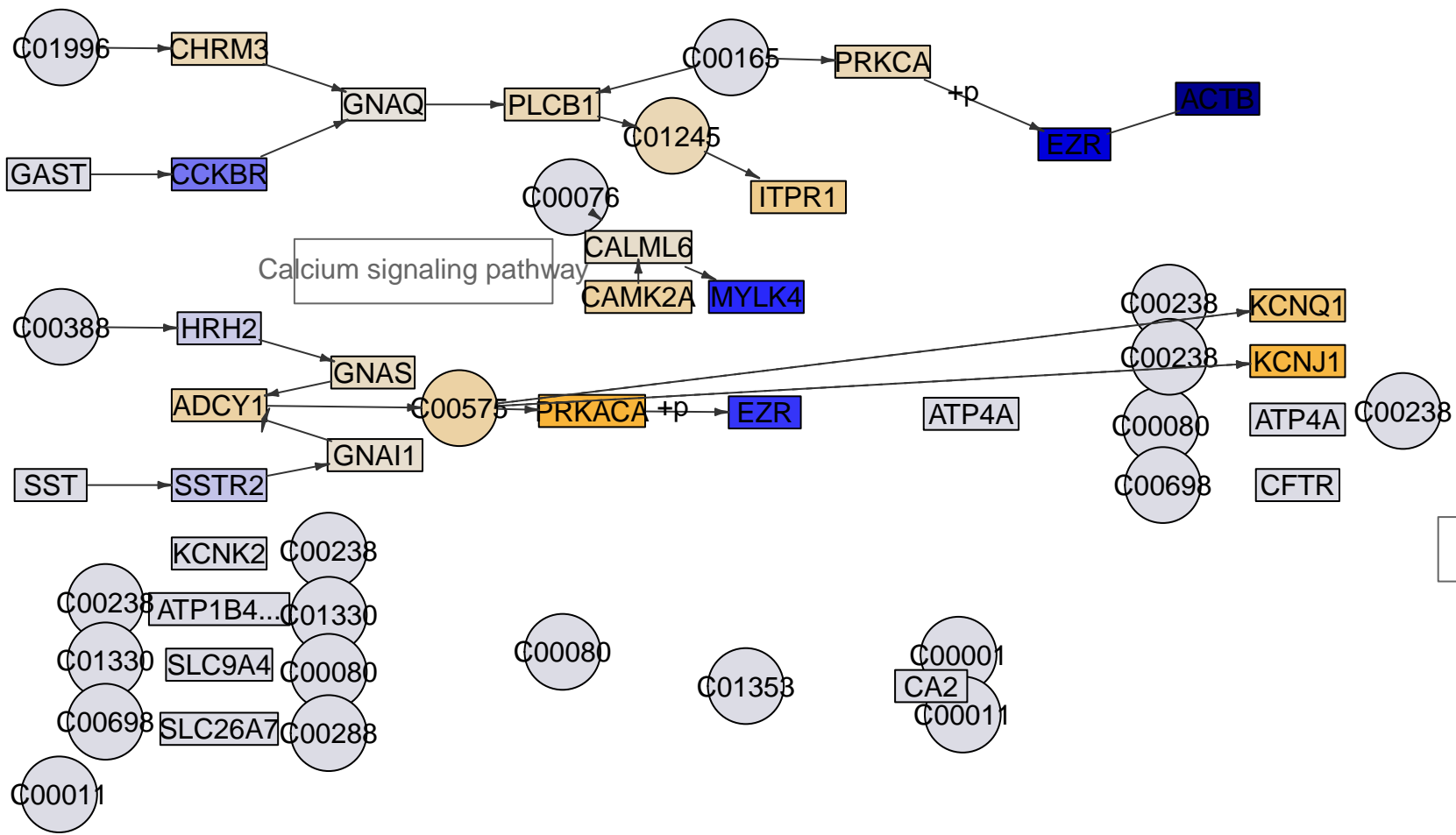
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-041

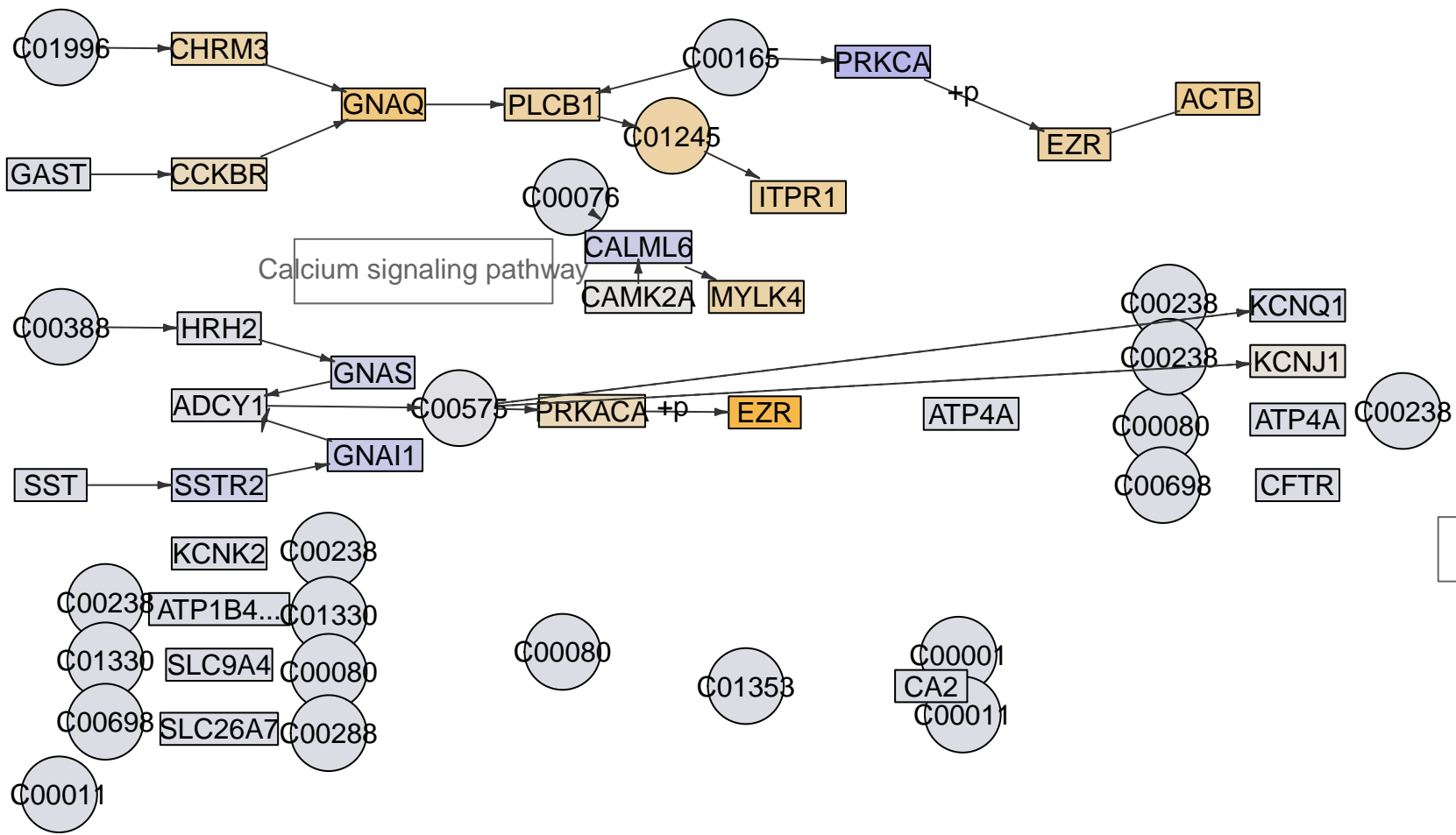
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-046

Tight junction

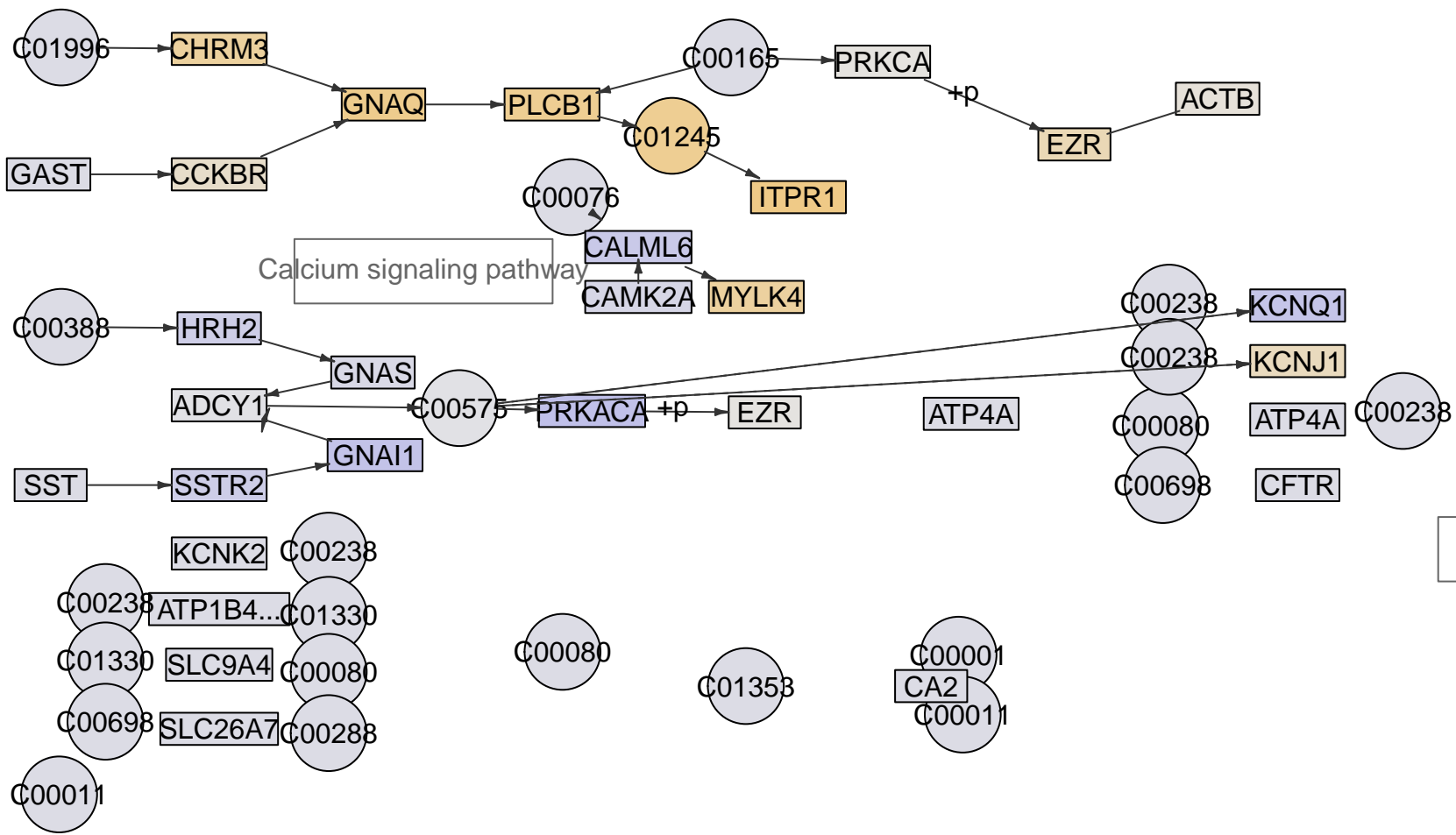


Protein digestion and absorption



Gastric acid secretion  
MPI-050

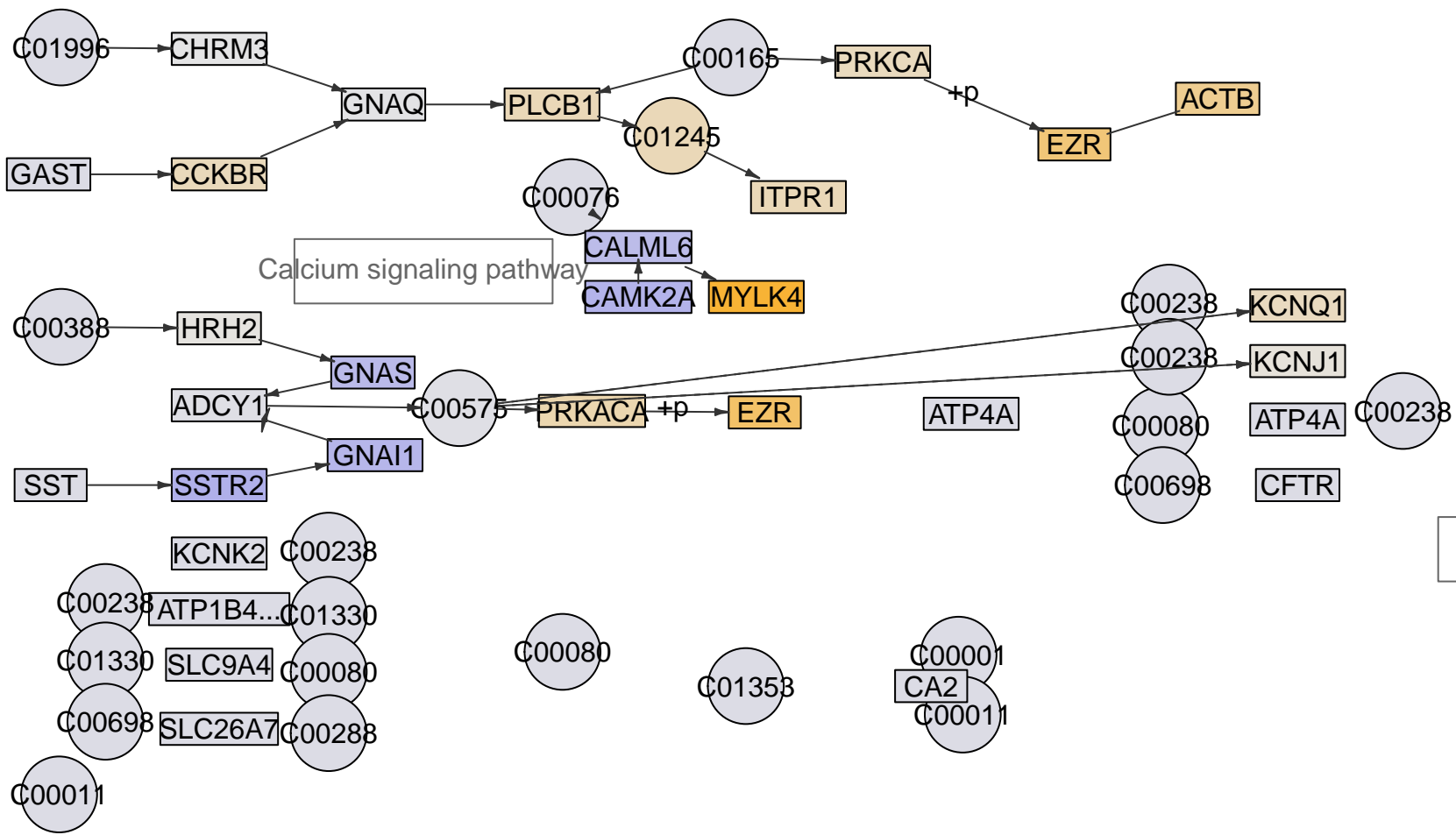
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-051

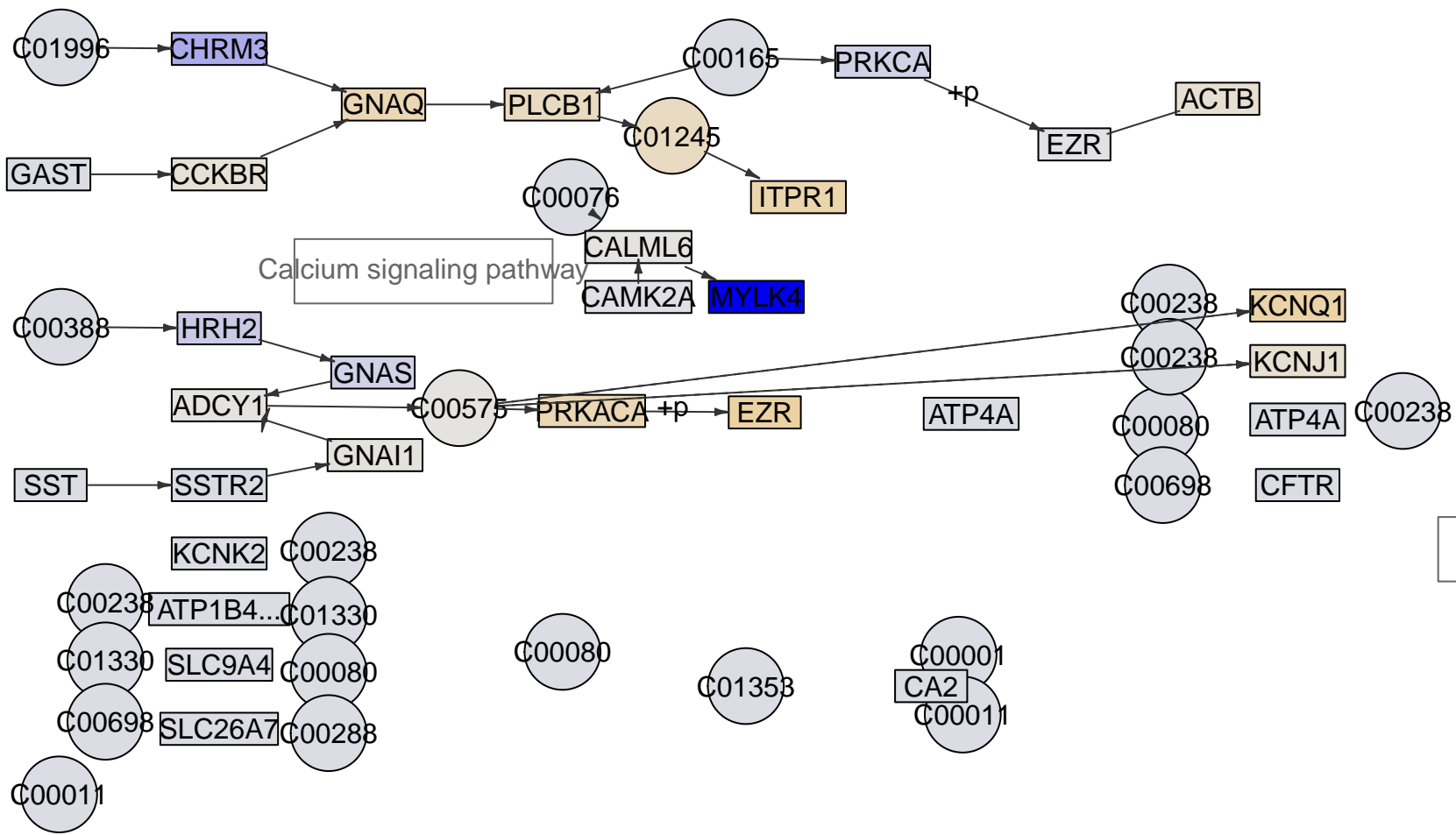
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-054

Tight junction

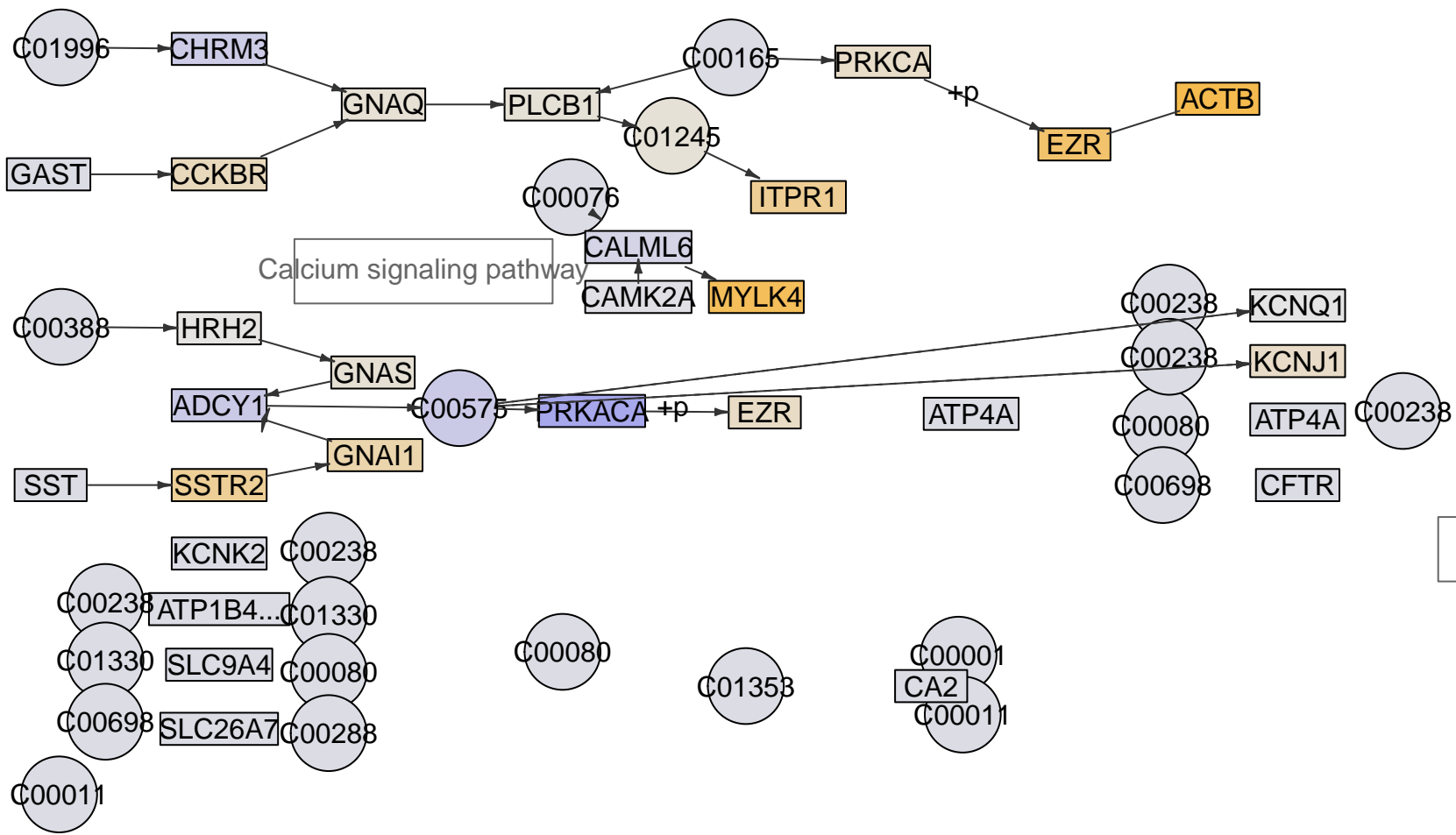


Protein digestion and absorption

Gastric acid secretion  
MPI-059

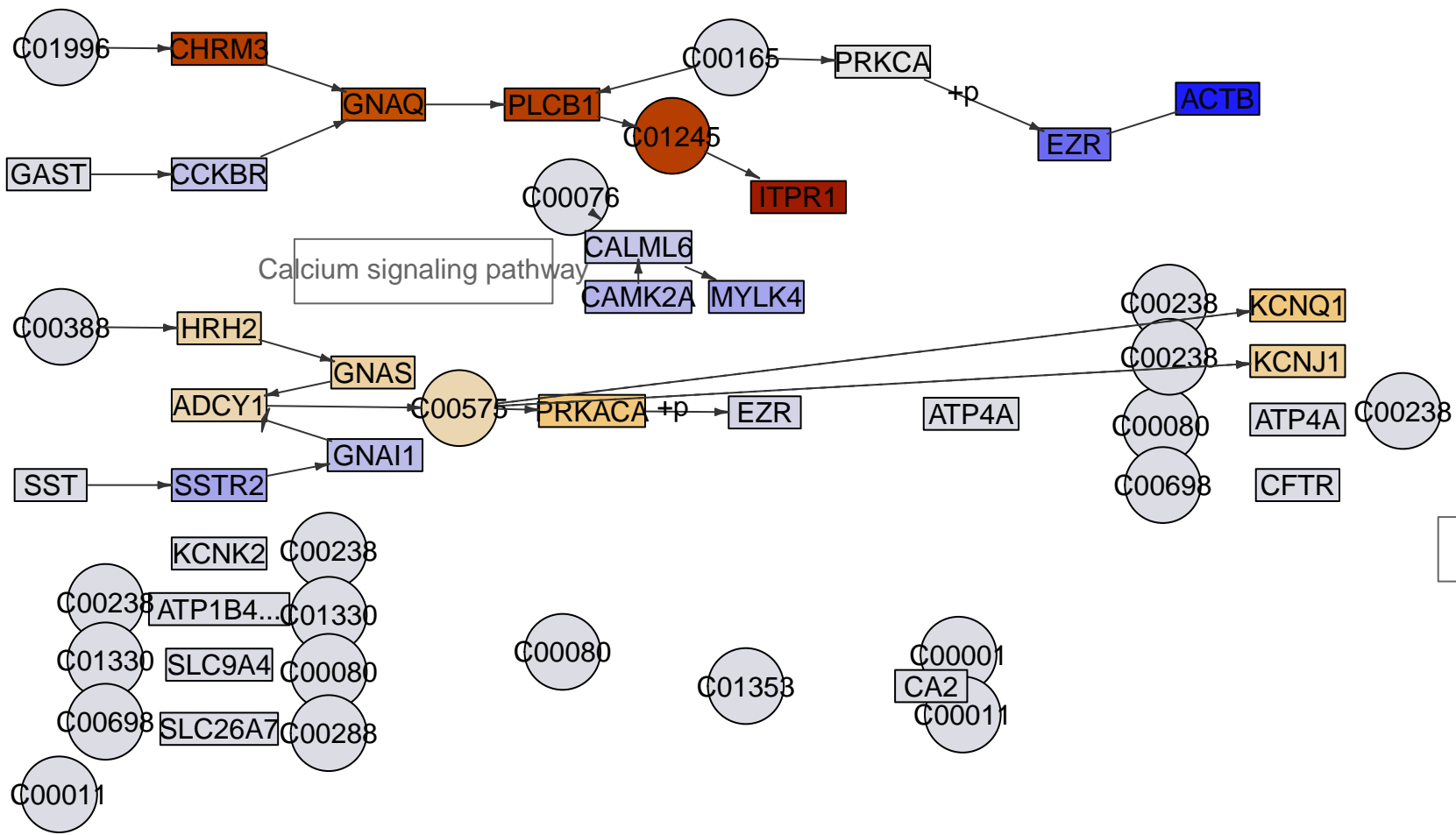
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-060

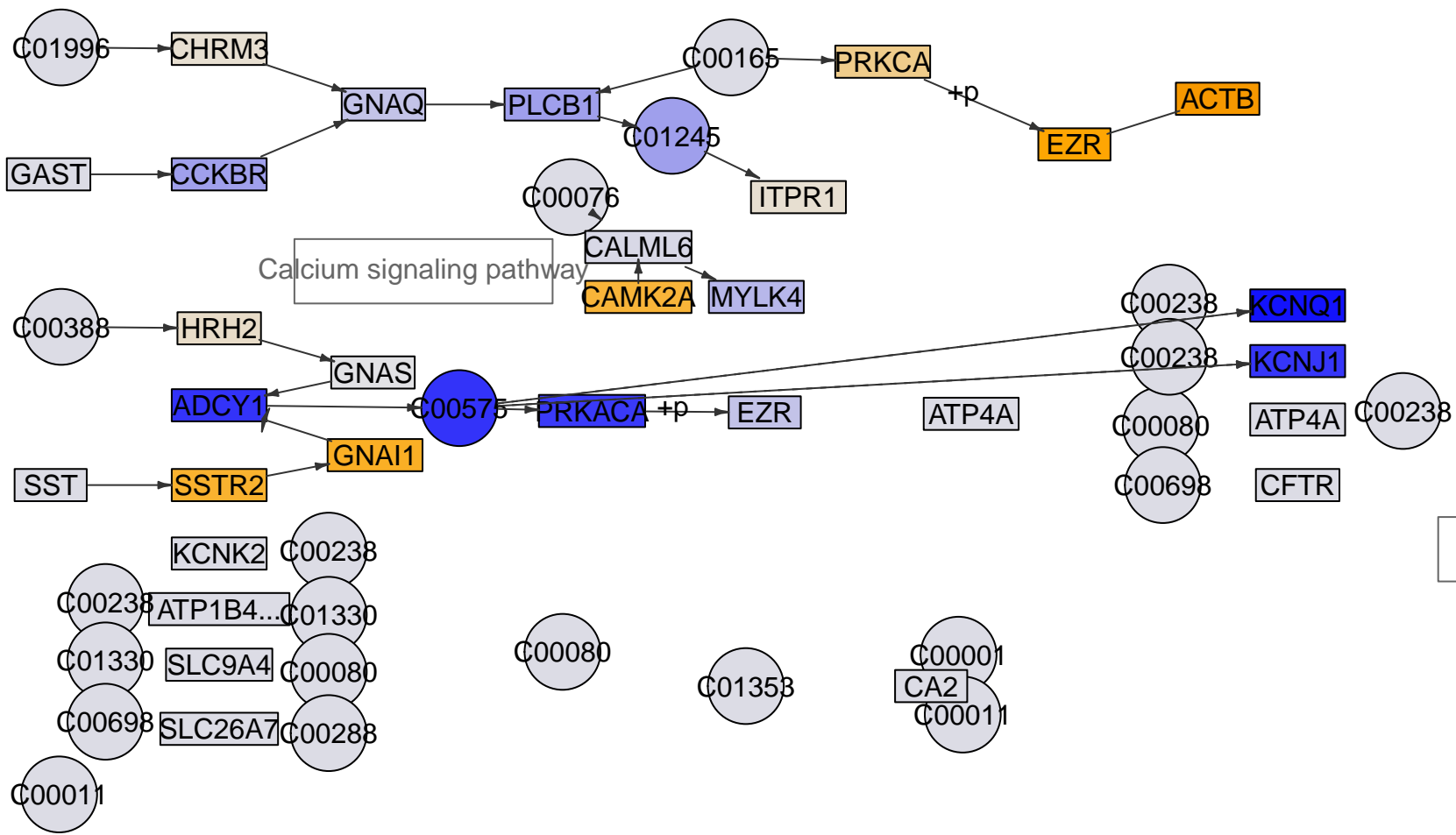
Tight junction





Gastric acid secretion  
MPI-064

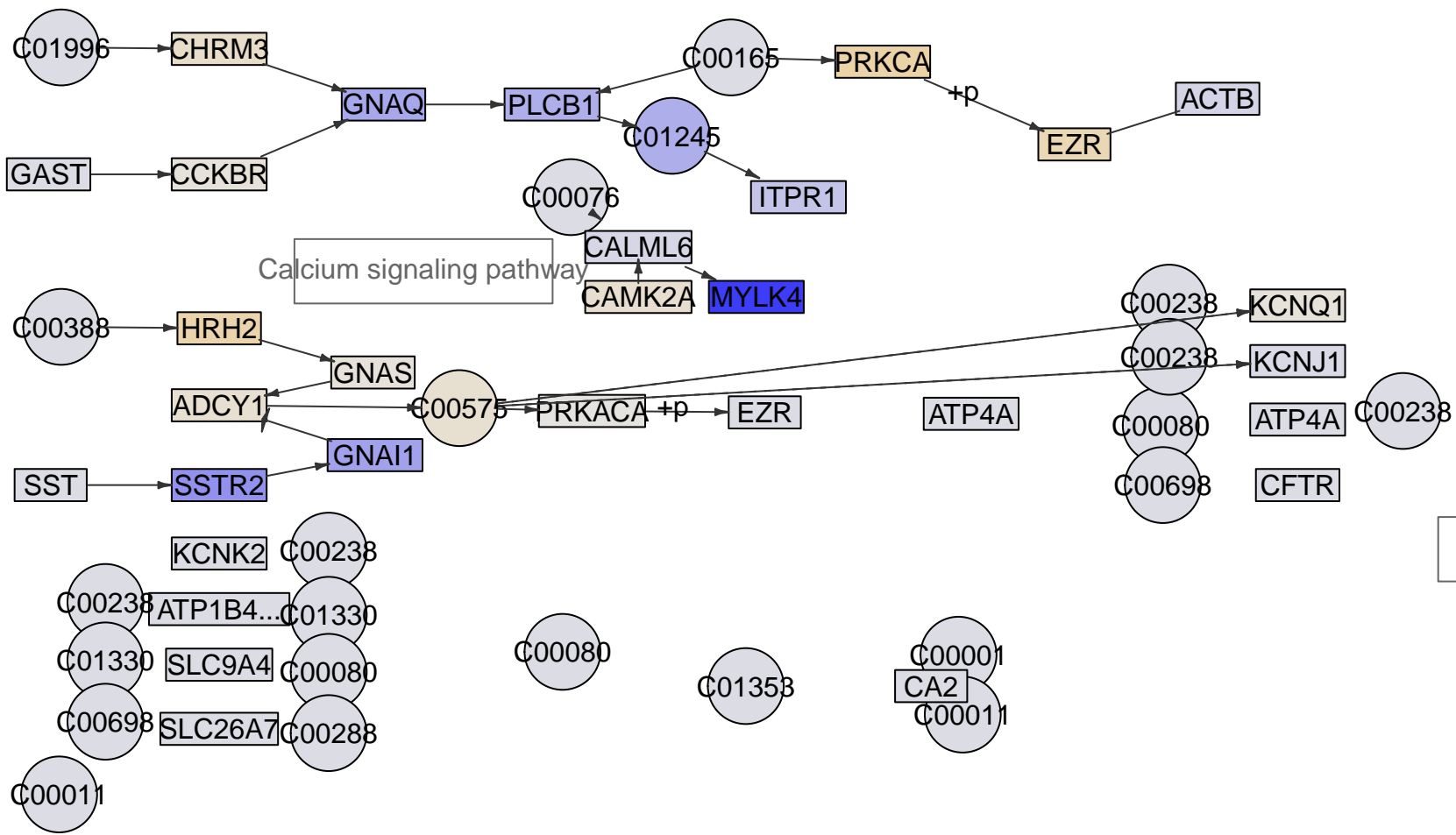
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-070

Tight junction

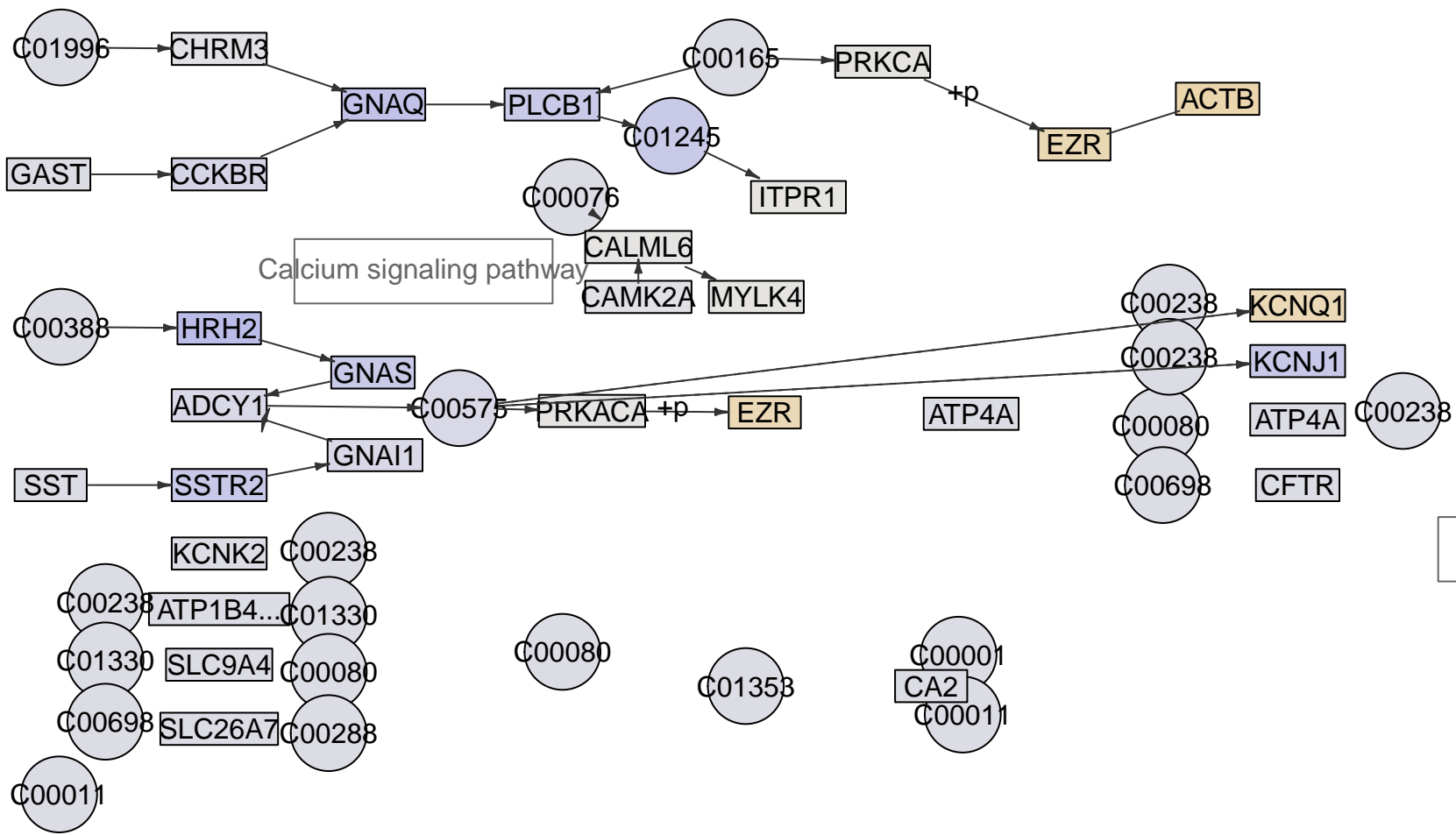


Protein digestion  
and absorption



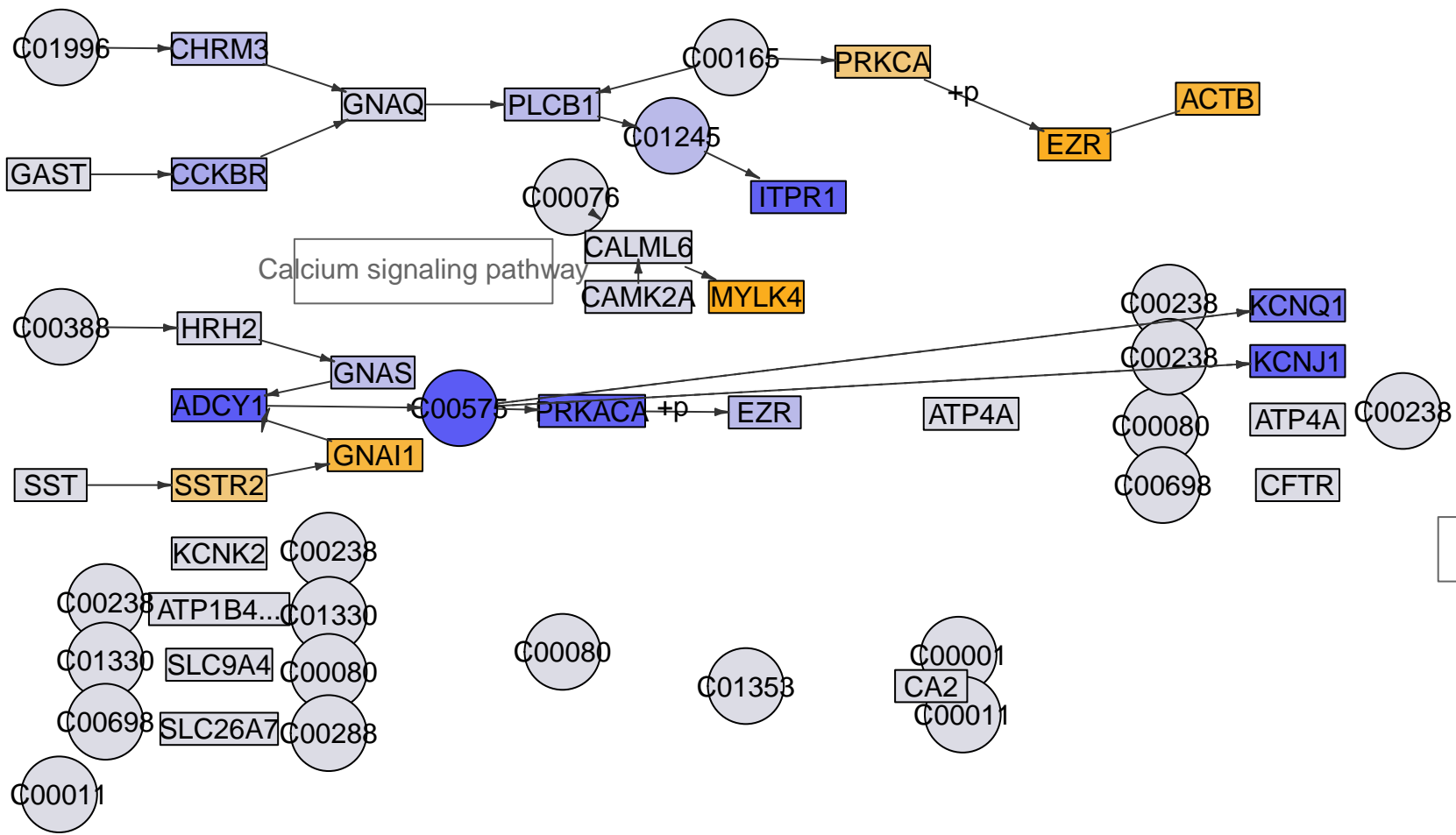
Gastric acid secretion  
MPI-072

Tight junction



Gastric acid secretion  
MPI-093

Tight junction



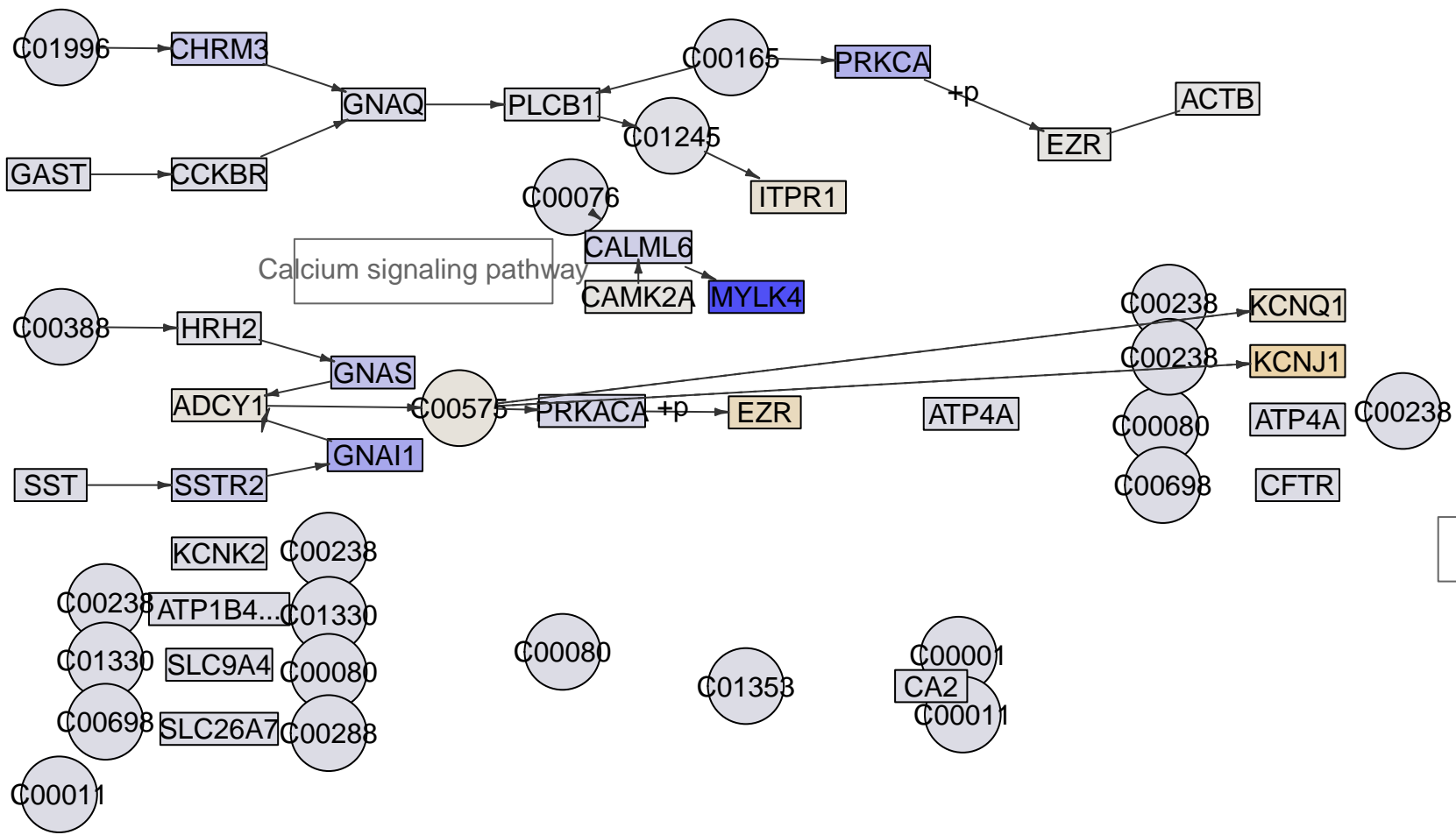
Protein digestion  
and absorption



Gastric acid secretion  
MPI-099

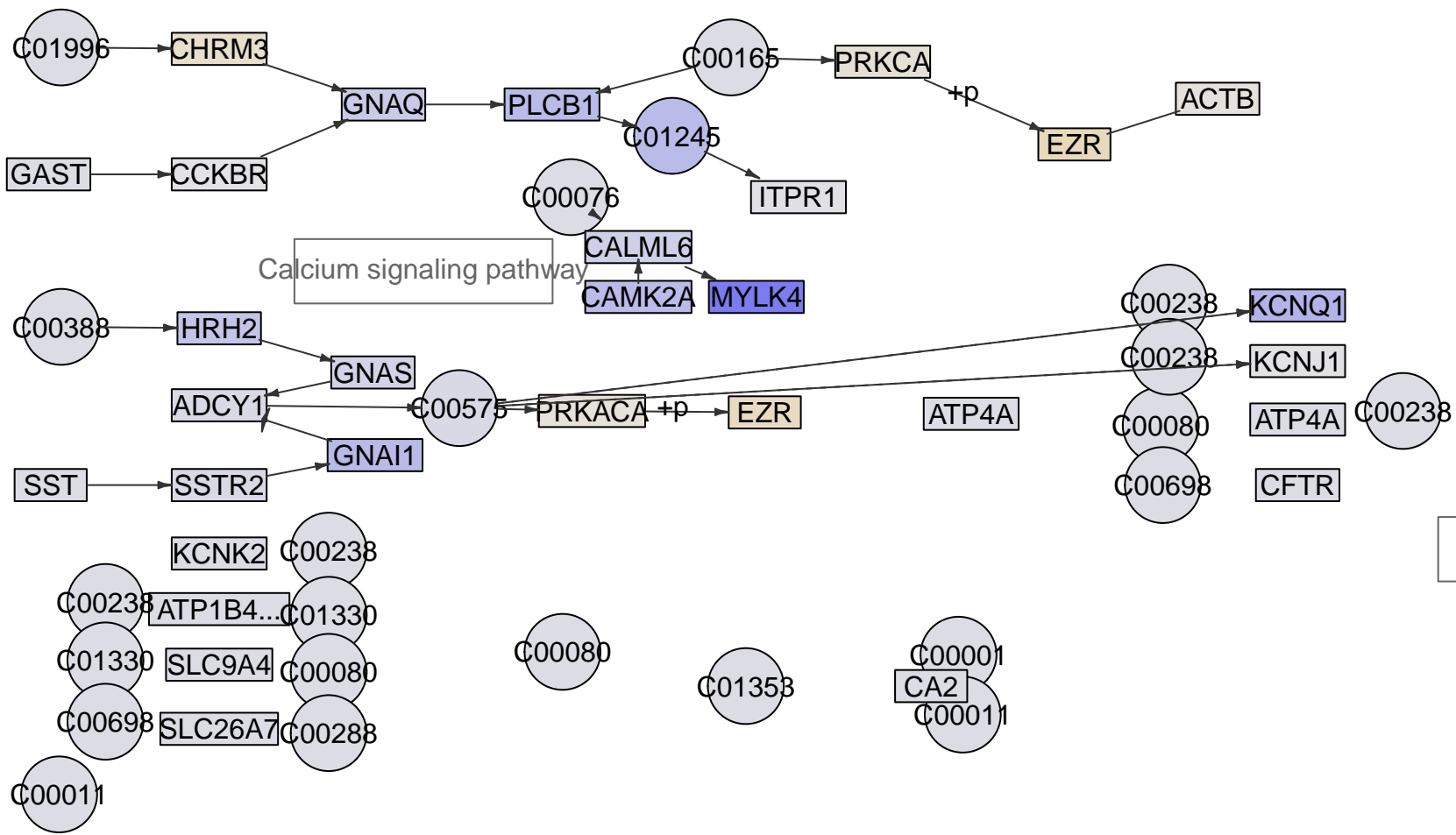
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-104

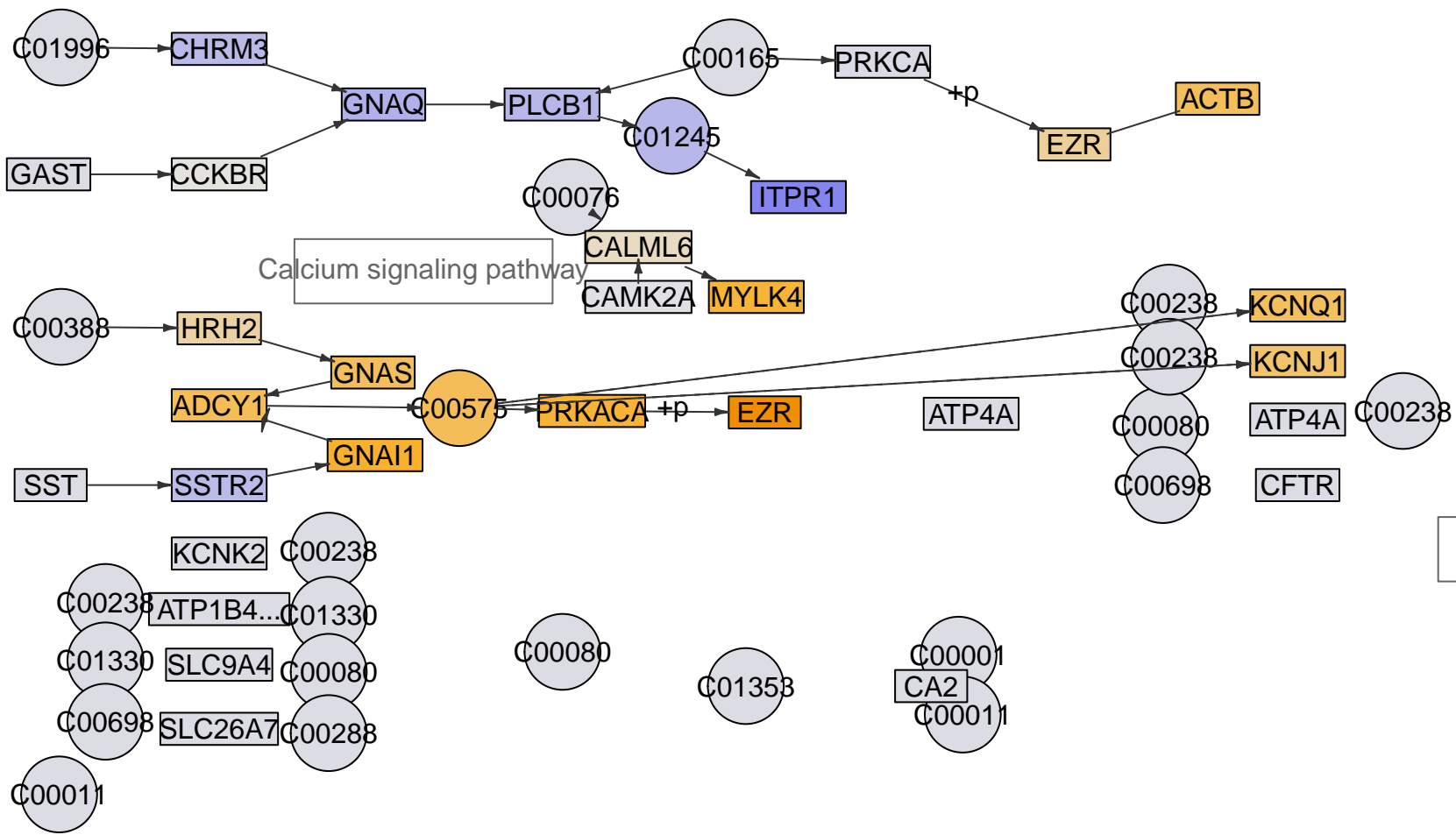
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-107

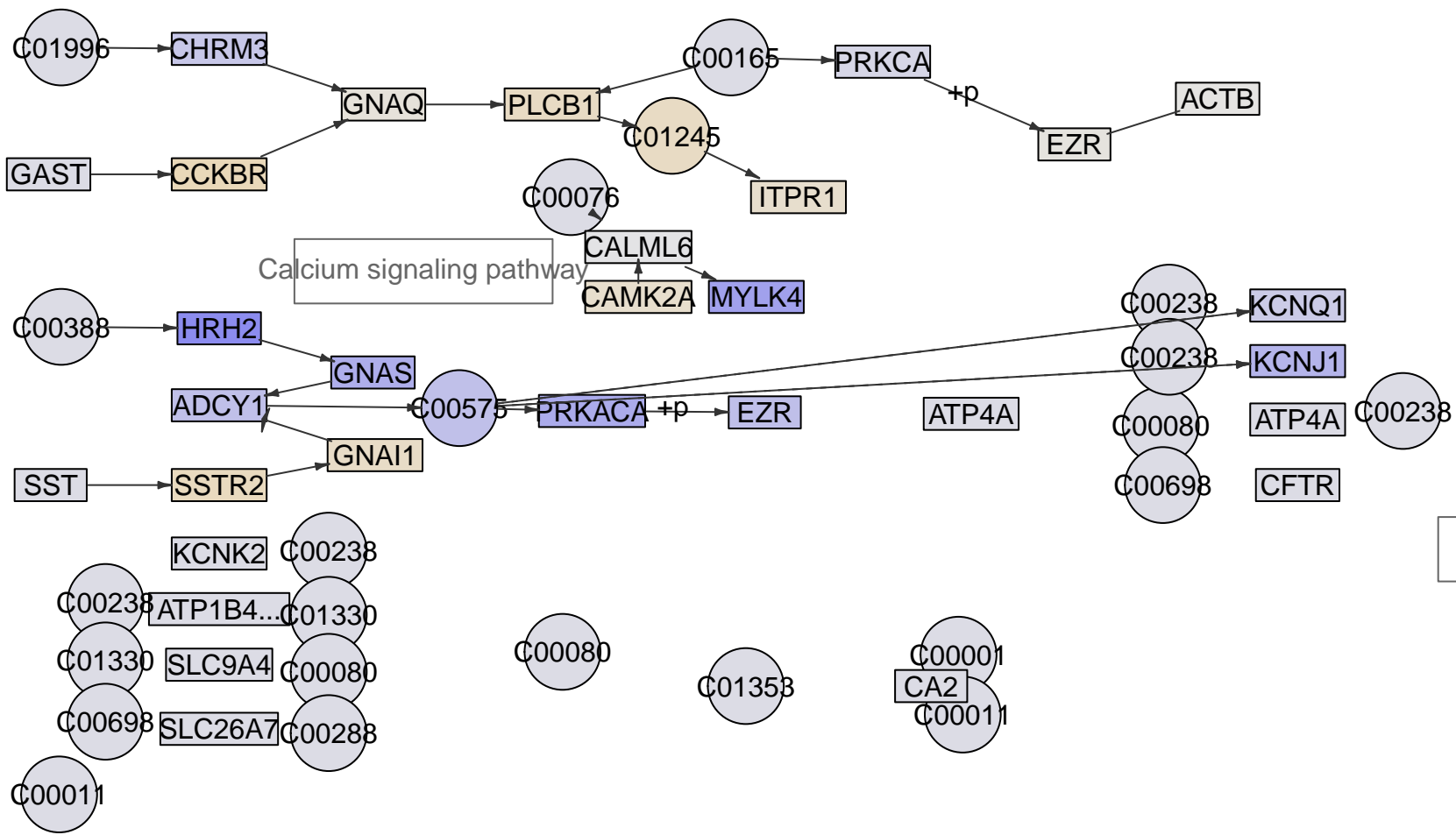
Tight junction



Gastric acid secretion  
MPI-112

Tight junction

Protein digestion  
and absorption



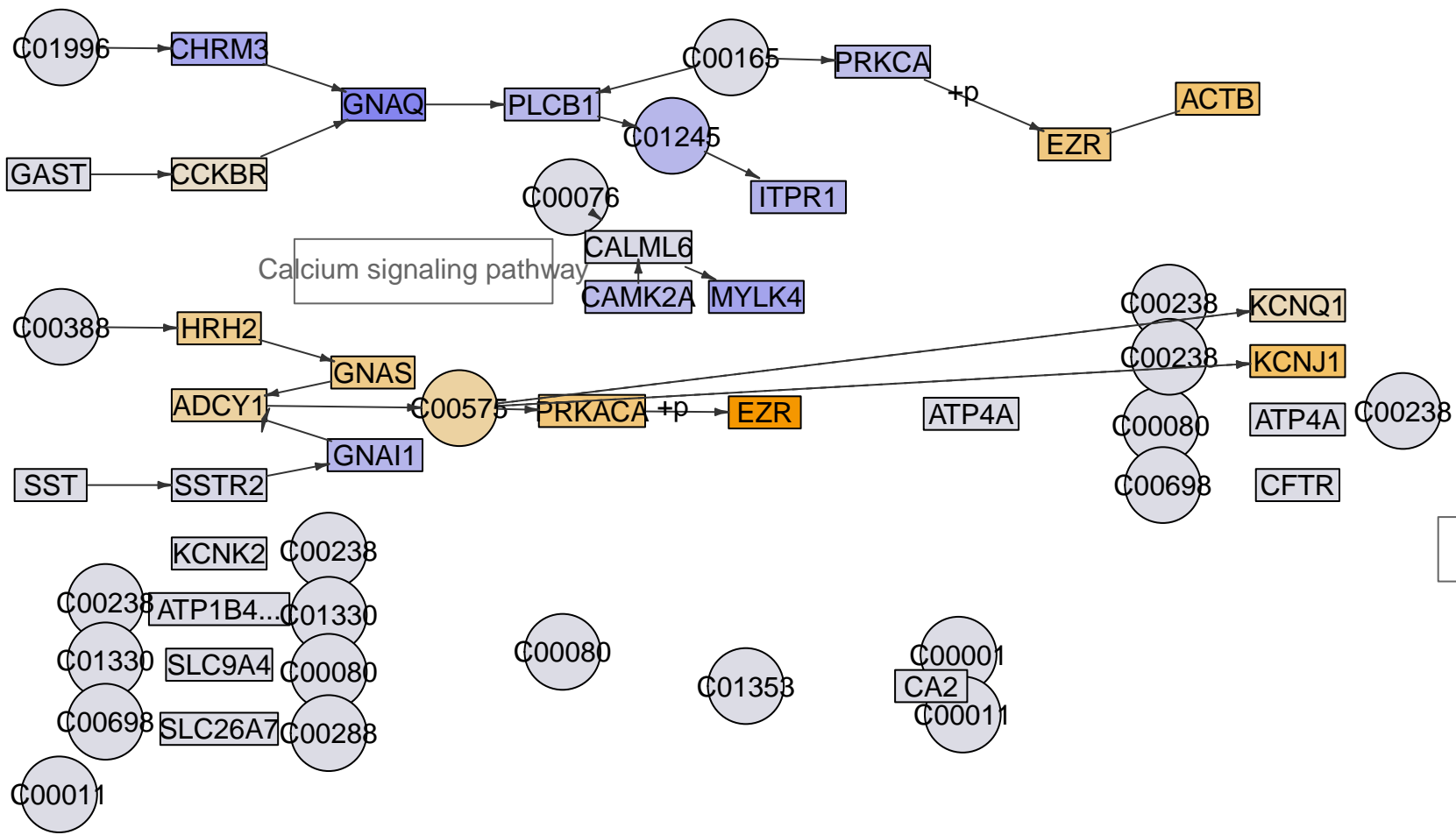




Gastric acid secretion  
MPI-117

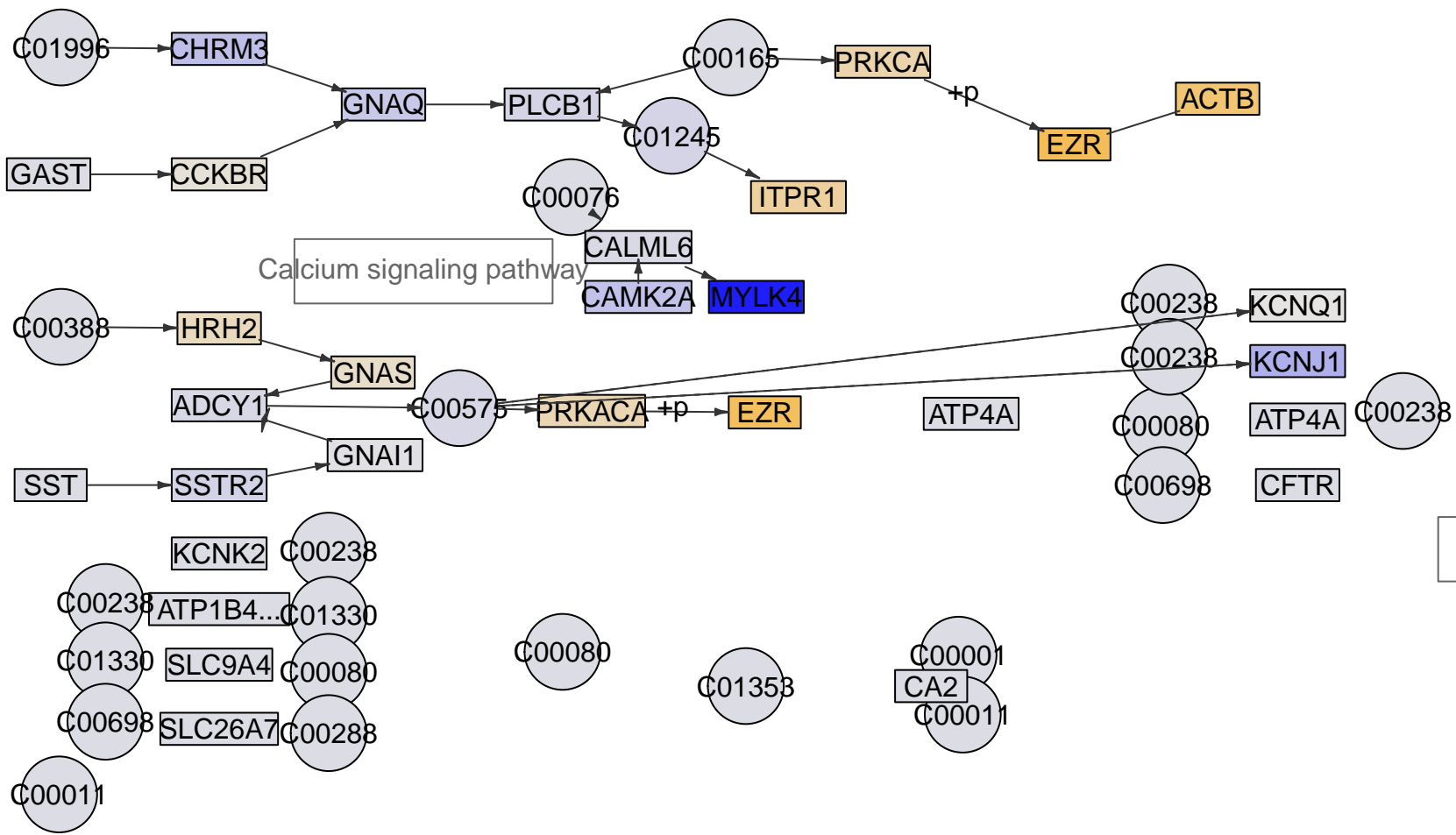
Tight junction

Protein digestion and absorption



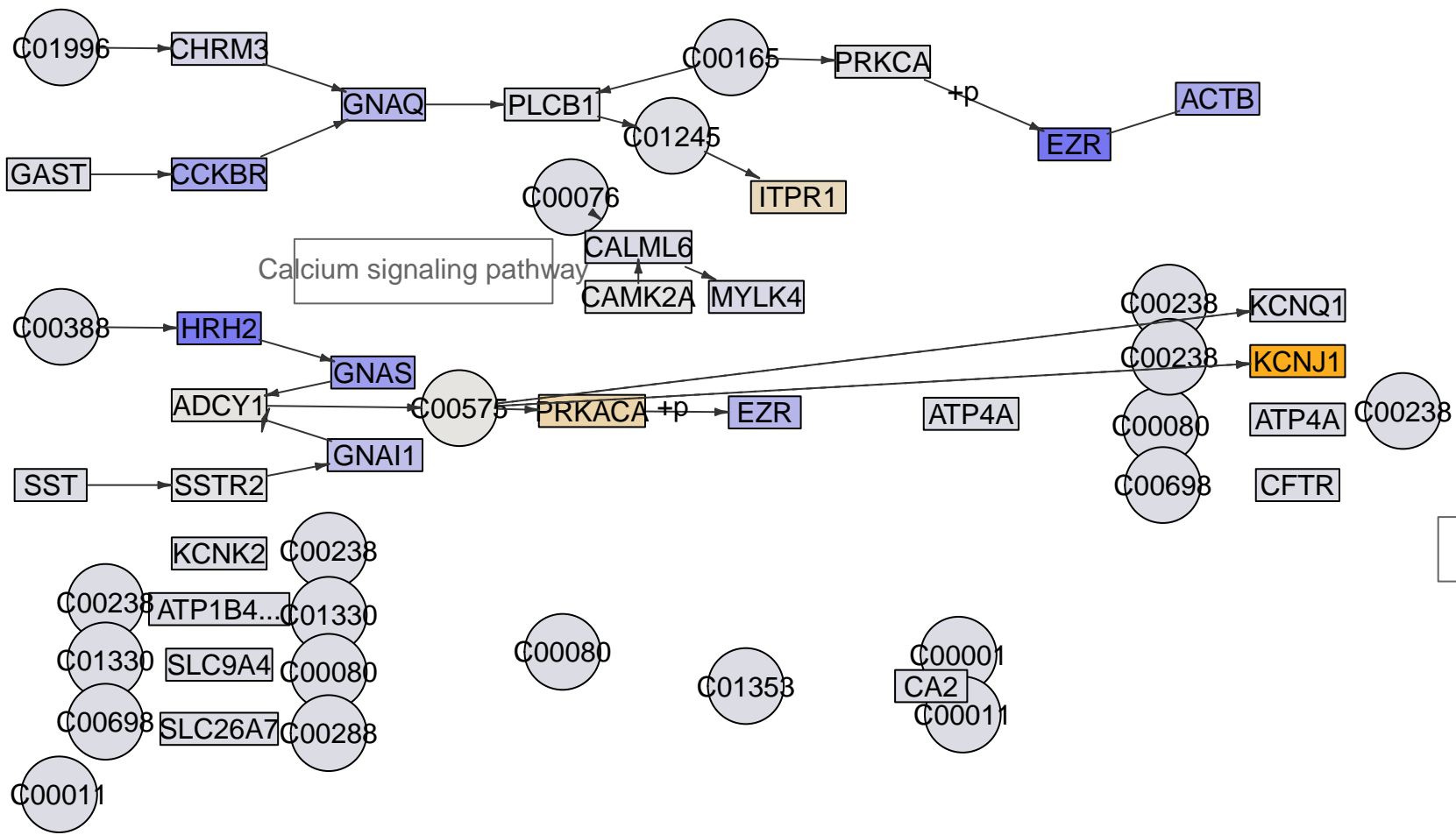
Gastric acid secretion  
MPI-120

Tight junction



Gastric acid secretion  
MPI-121

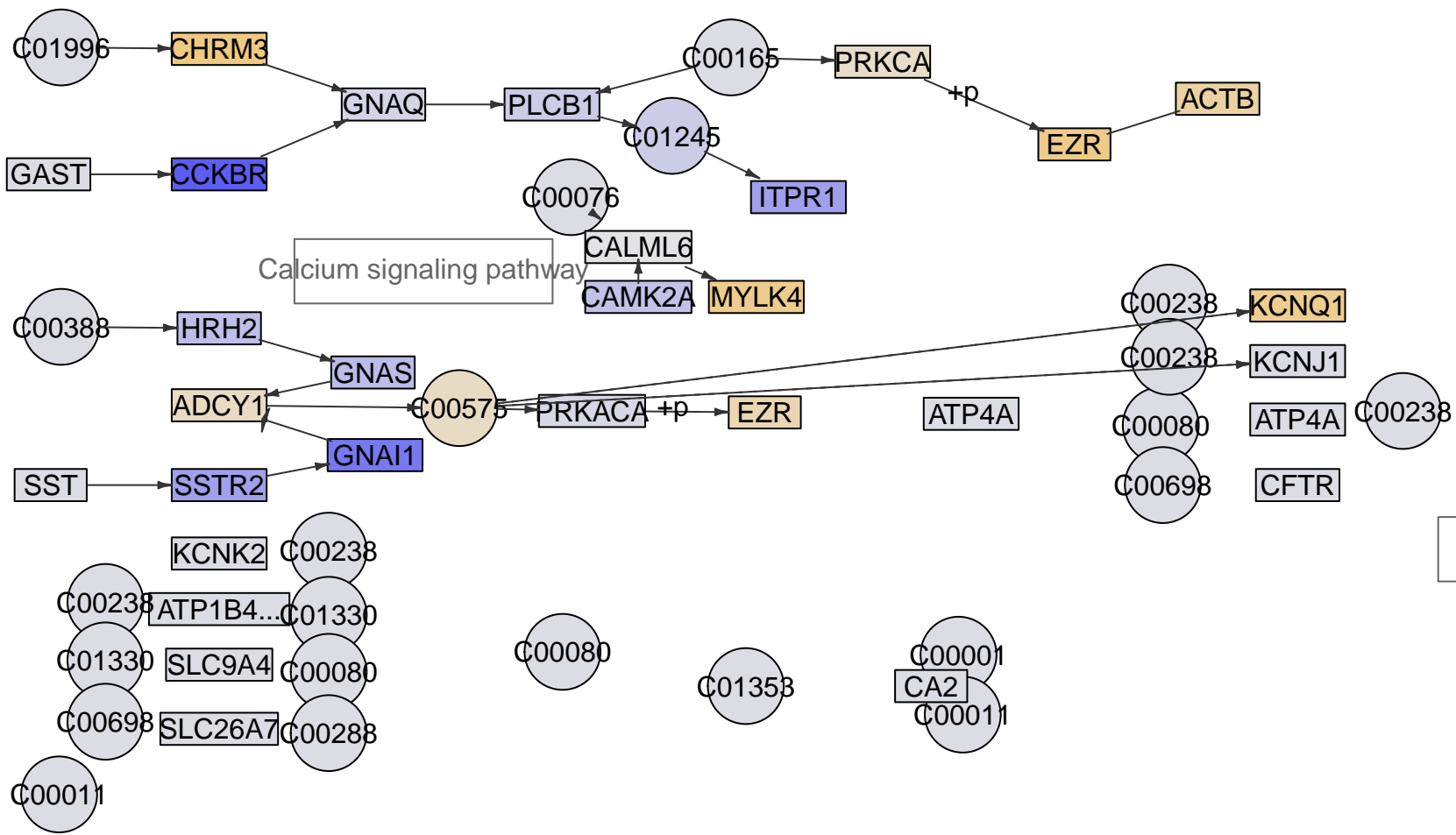
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-124

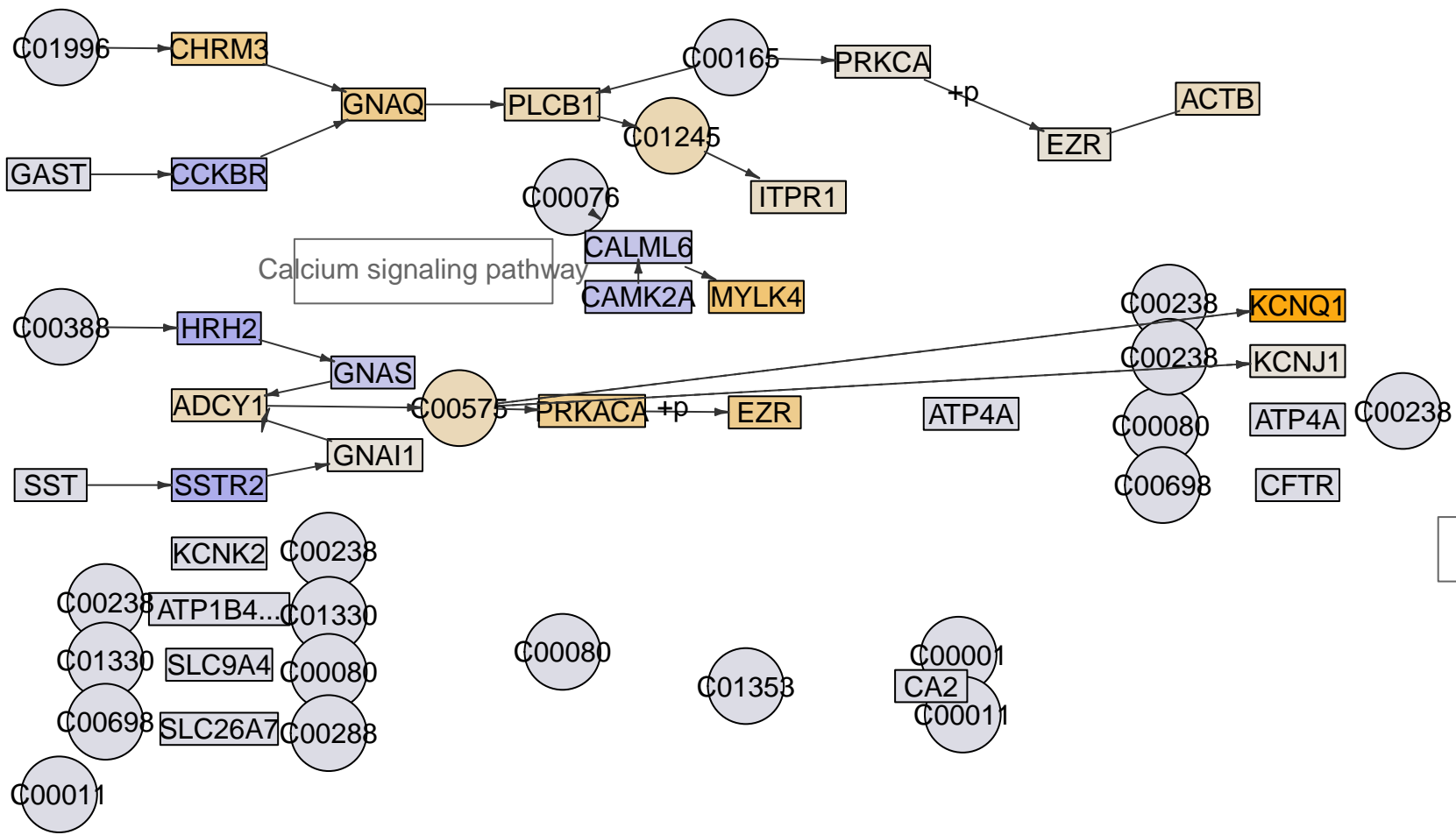
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-126

Tight junction



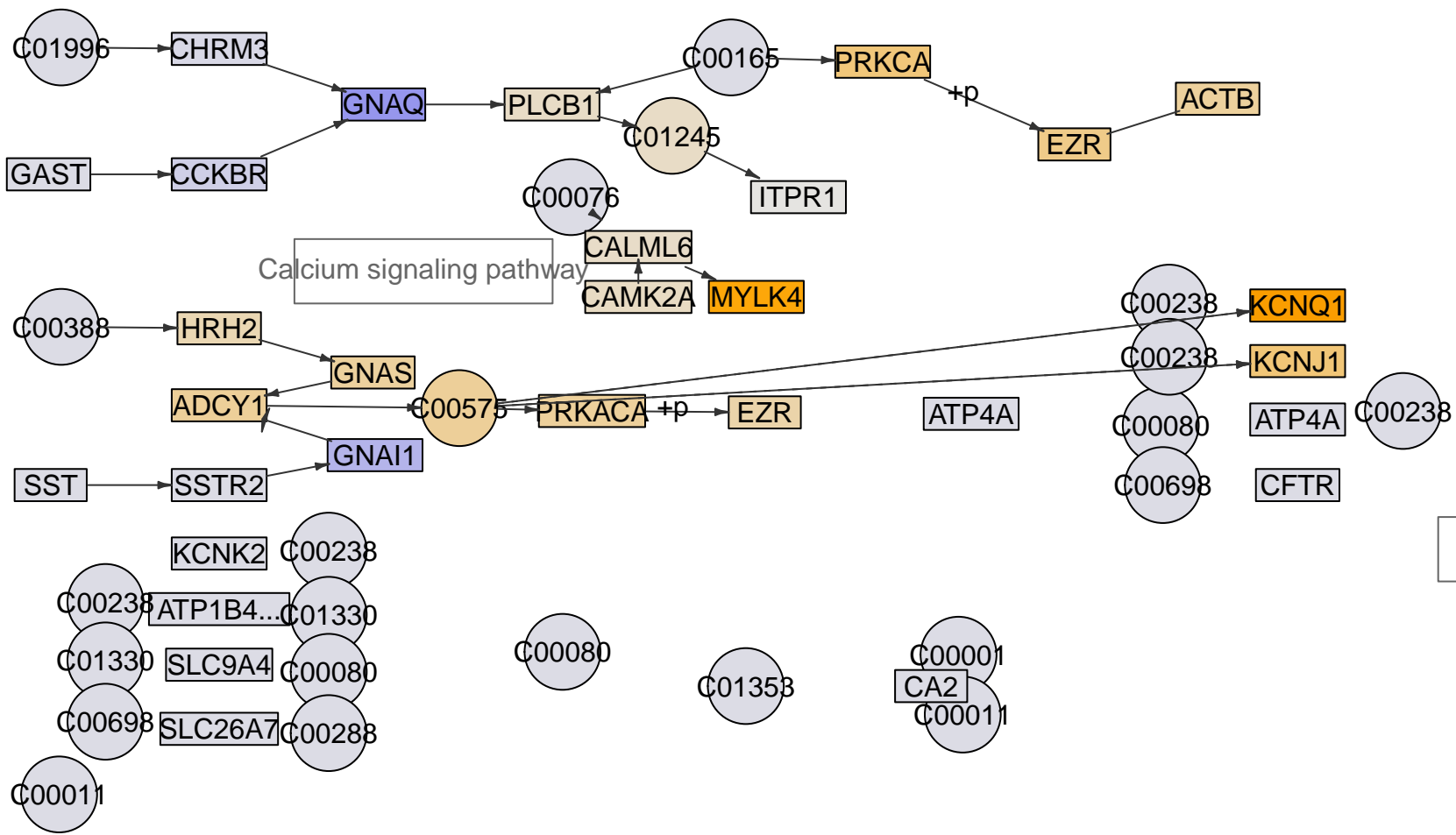
Calcium signaling pathway

Protein digestion and absorption



Gastric acid secretion  
MPI-143

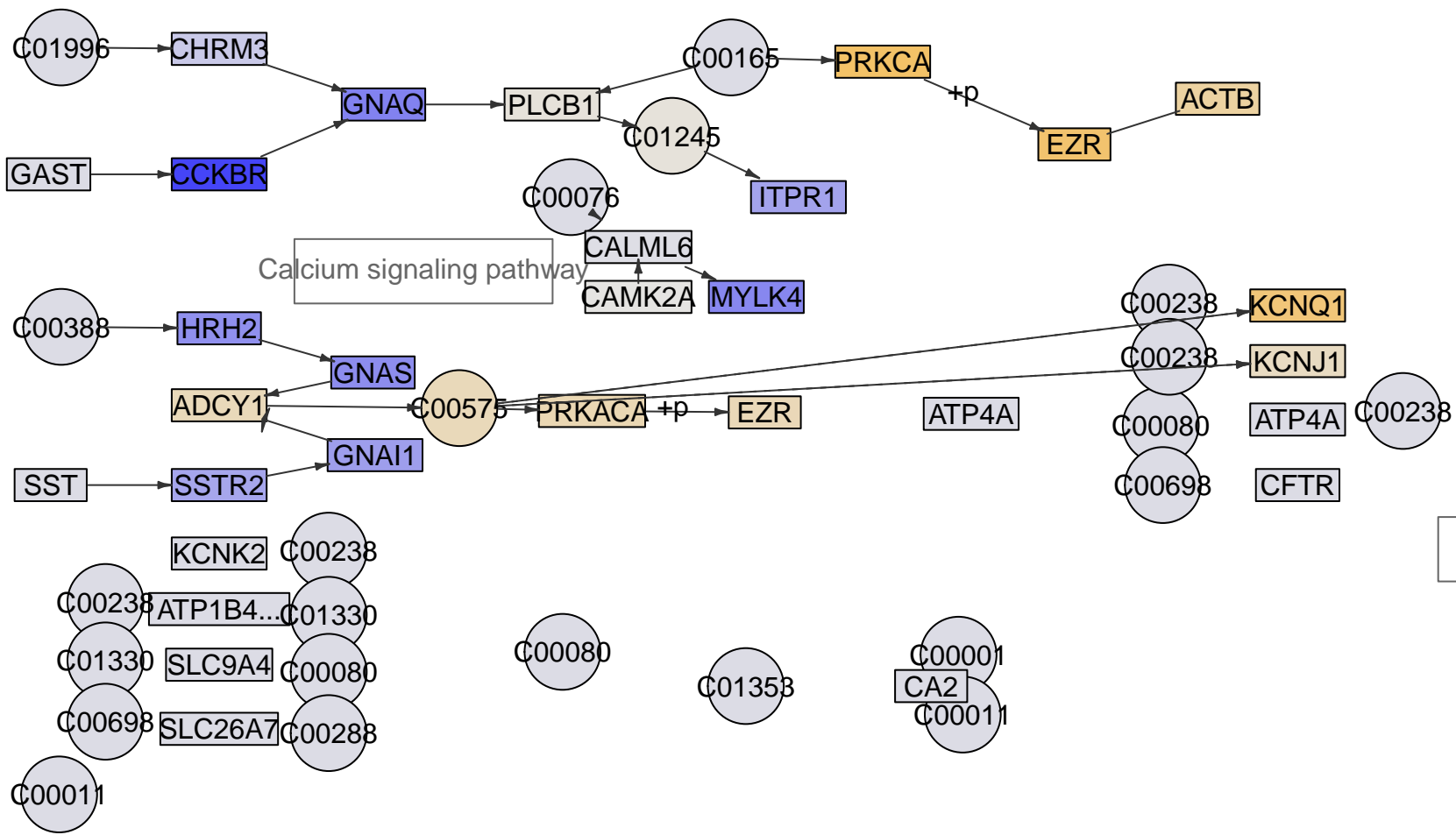
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-148

Tight junction

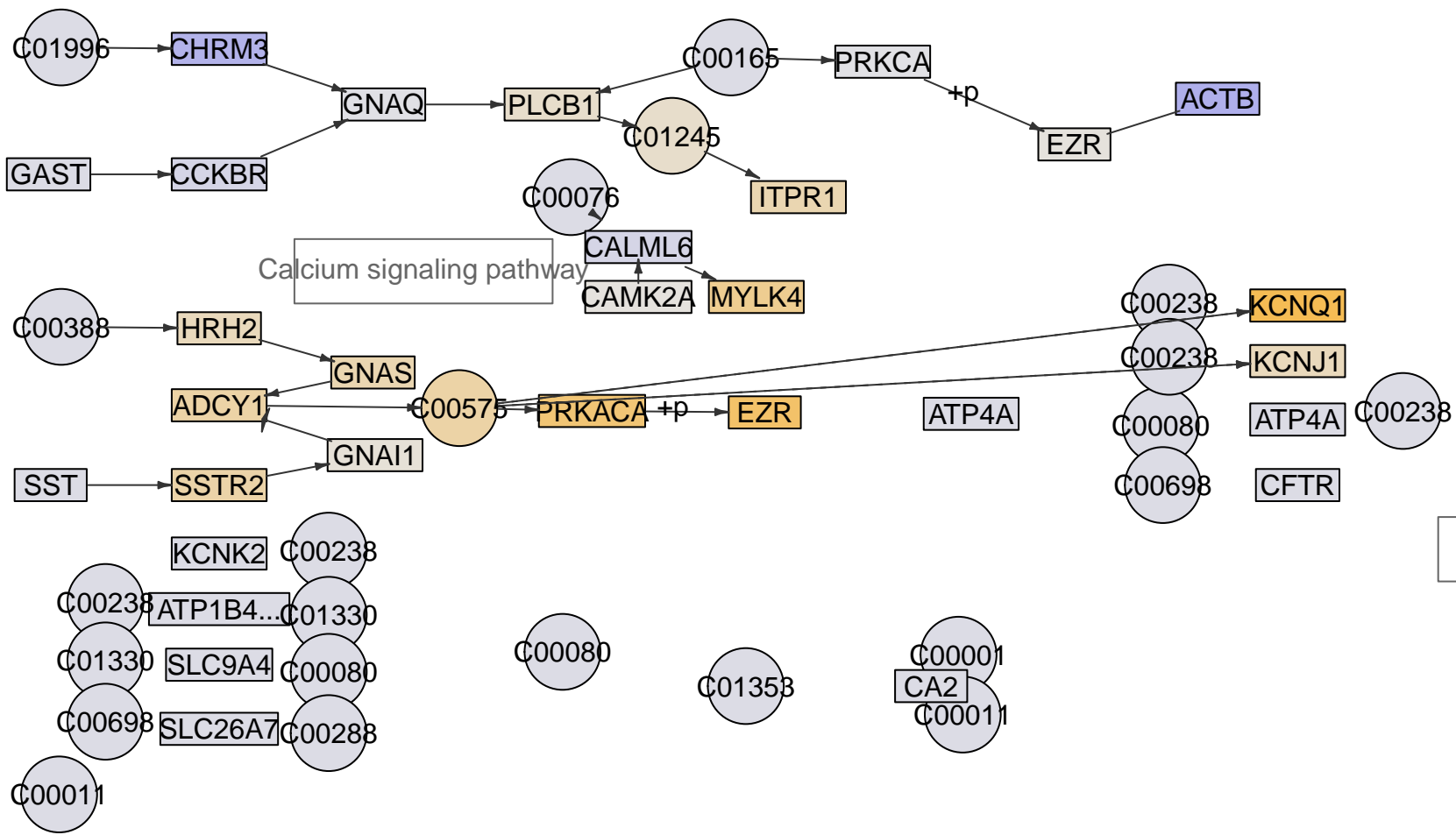


Protein digestion  
and absorption



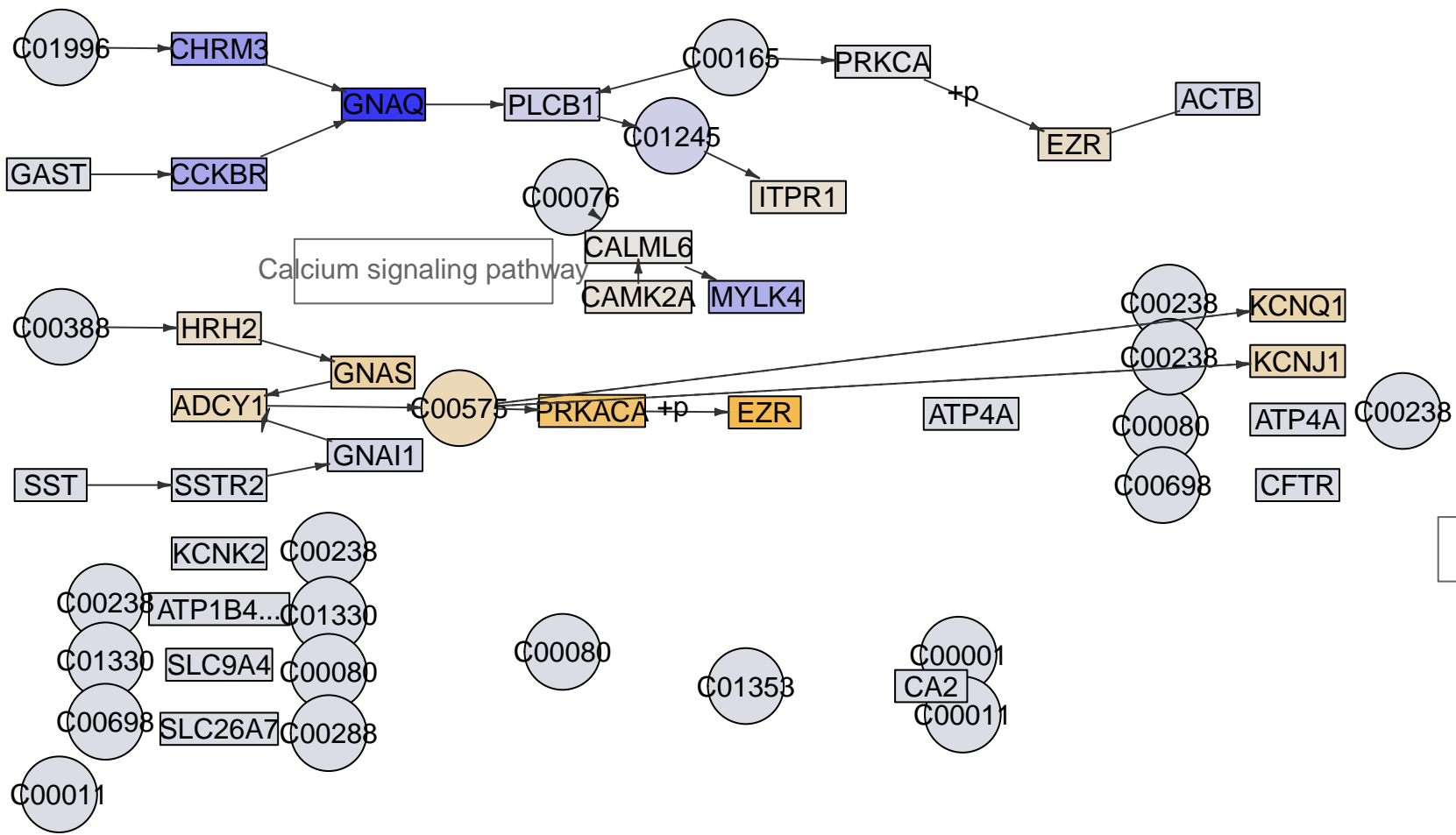
Gastric acid secretion  
MPI-161

Tight junction



Gastric acid secretion  
MPI-162

Tight junction

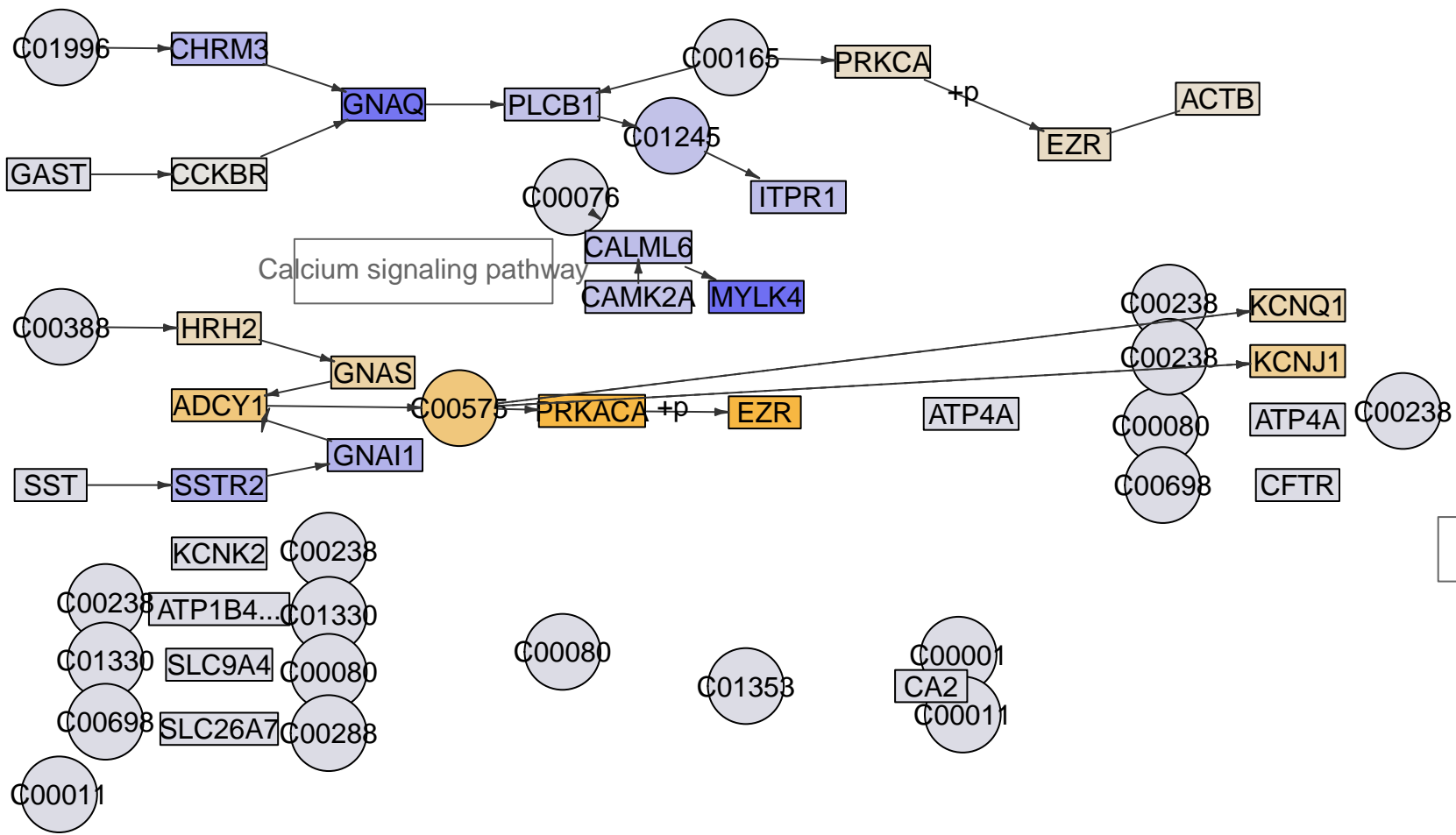


Protein digestion  
and absorption



Gastric acid secretion  
MPI-169

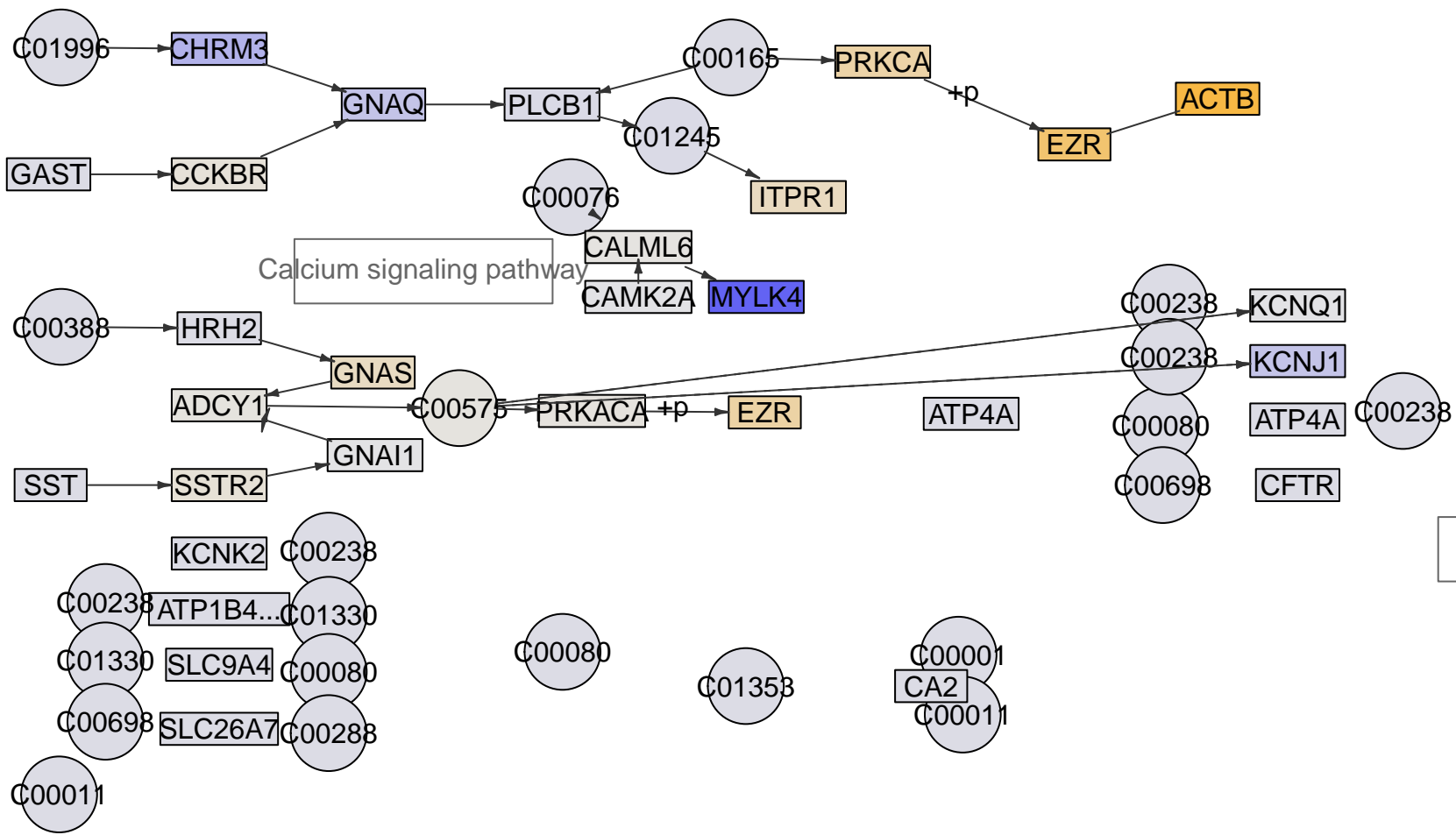
Tight junction



Gastric acid secretion  
MPI-175

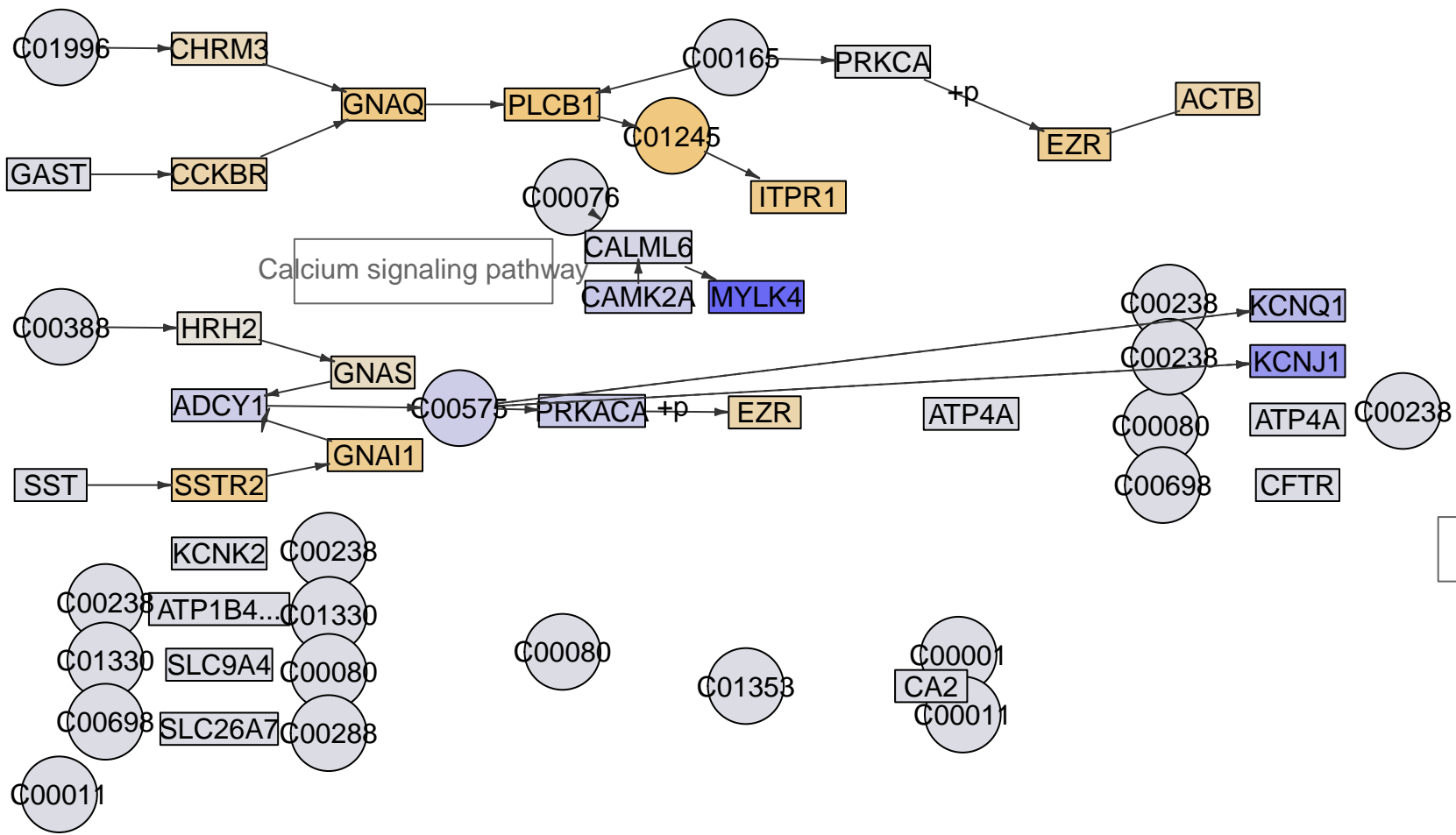
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-187

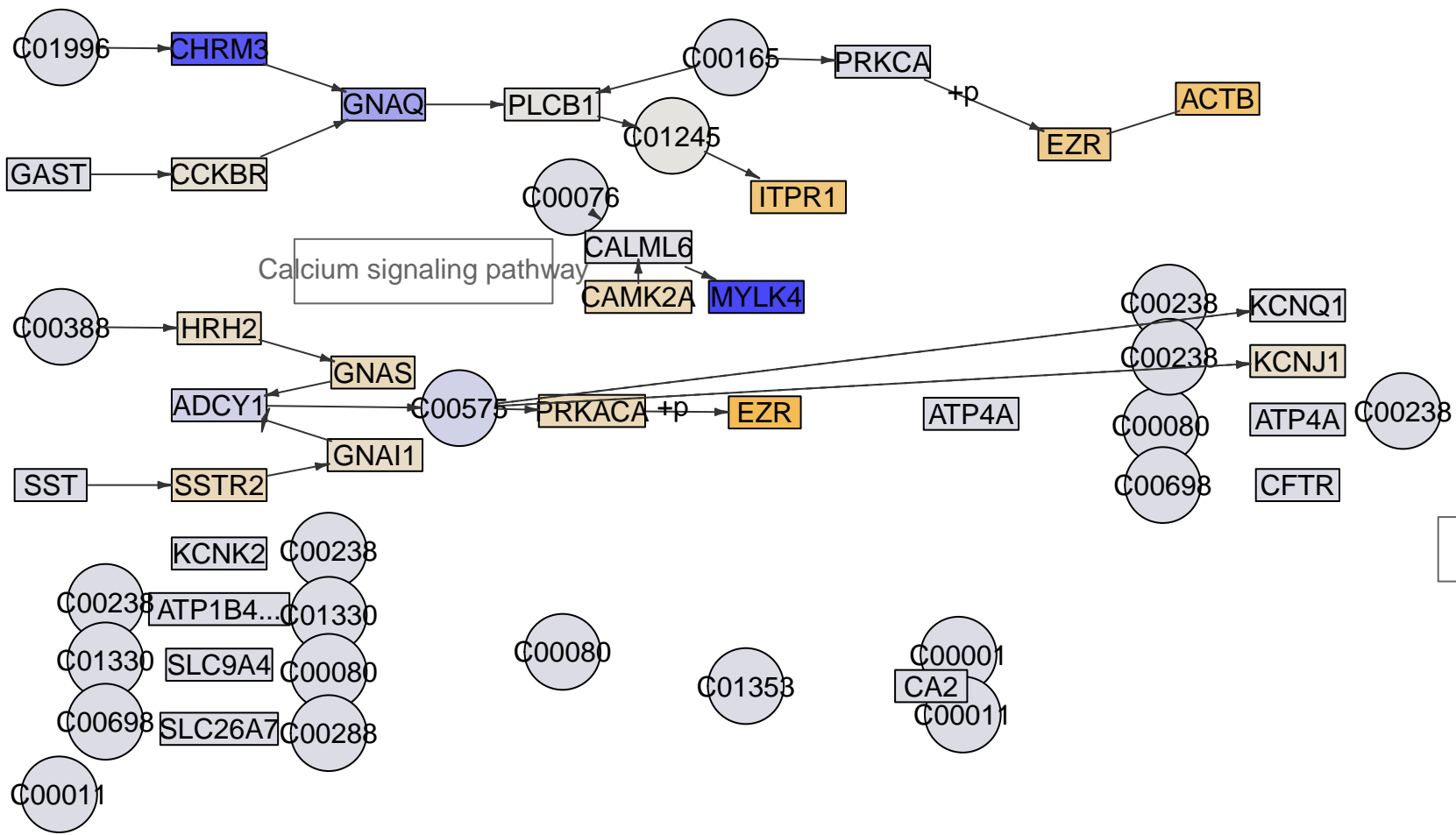
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-193

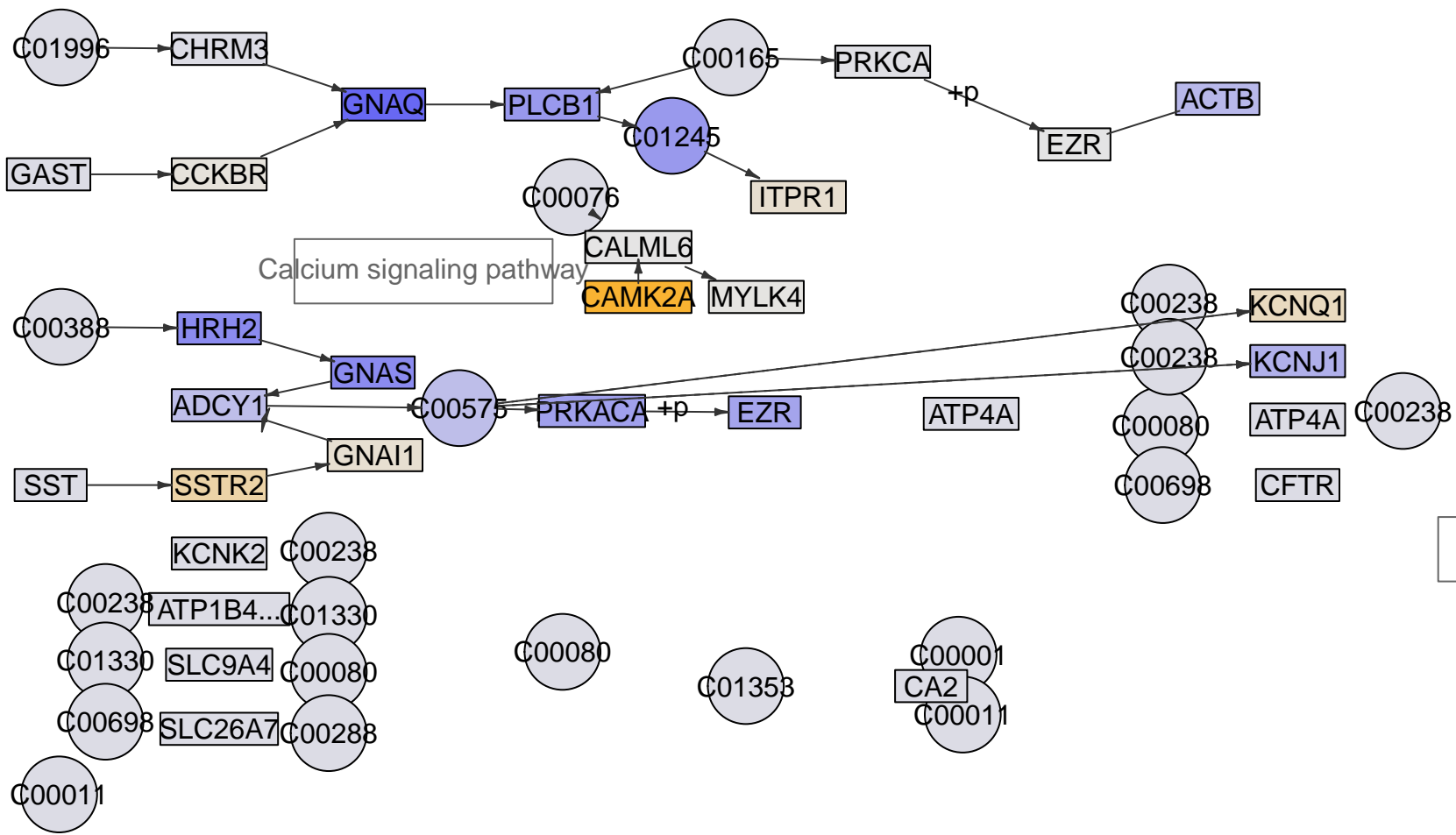
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-216

Tight junction

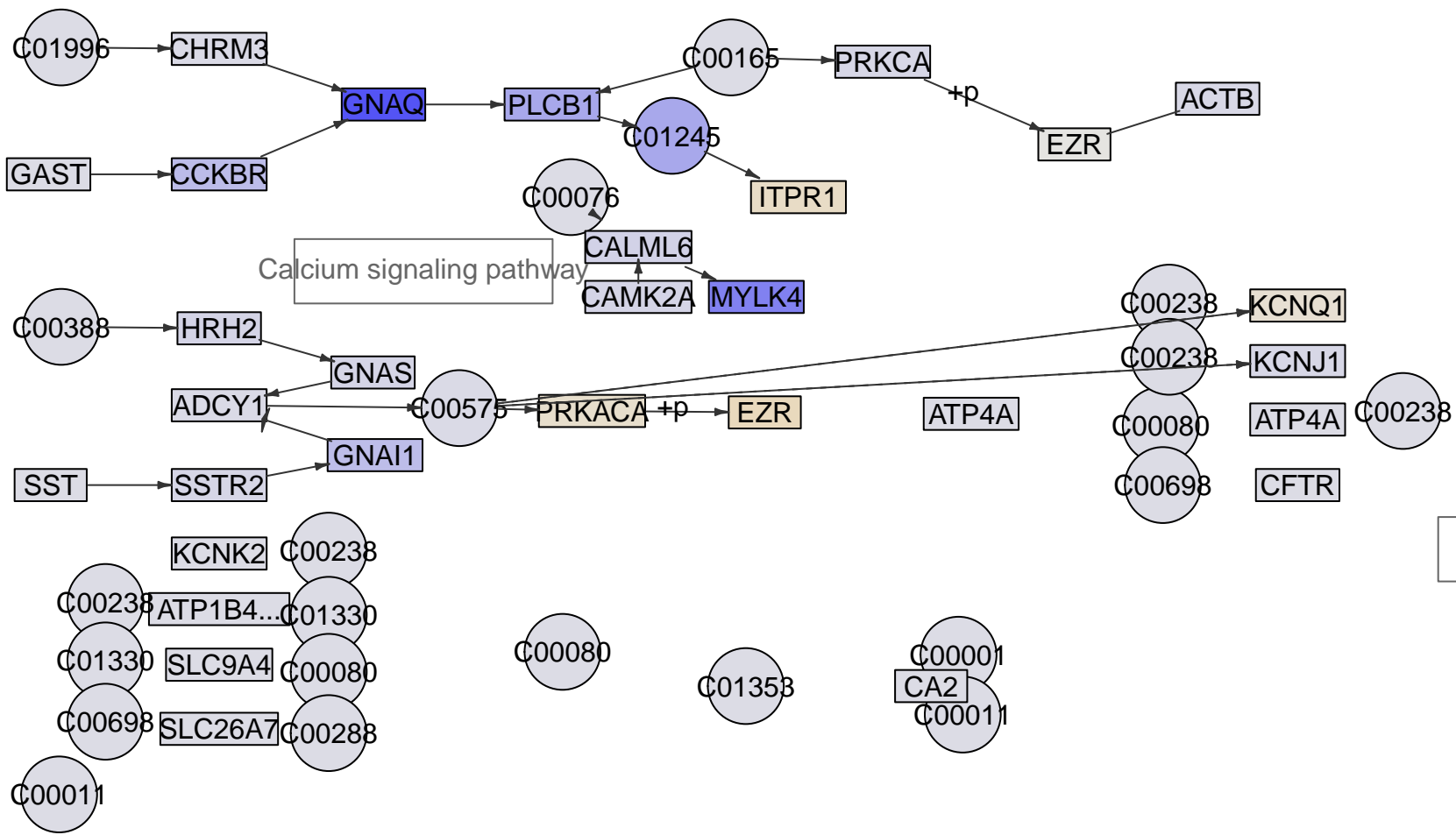


Protein digestion and absorption



Gastric acid secretion  
MPI-222

Tight junction

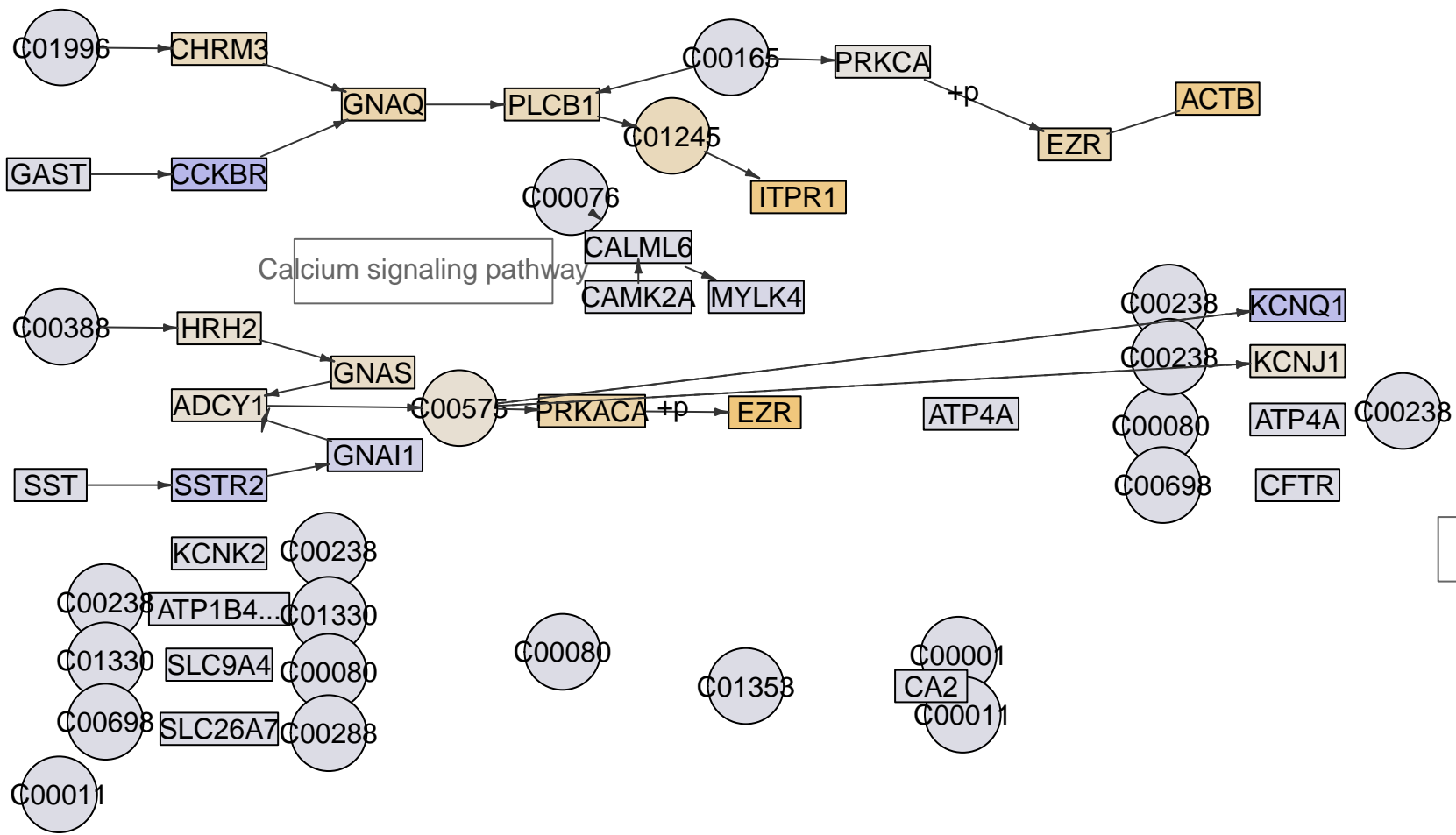


Protein digestion  
and absorption

Gastric acid secretion  
MPI-225

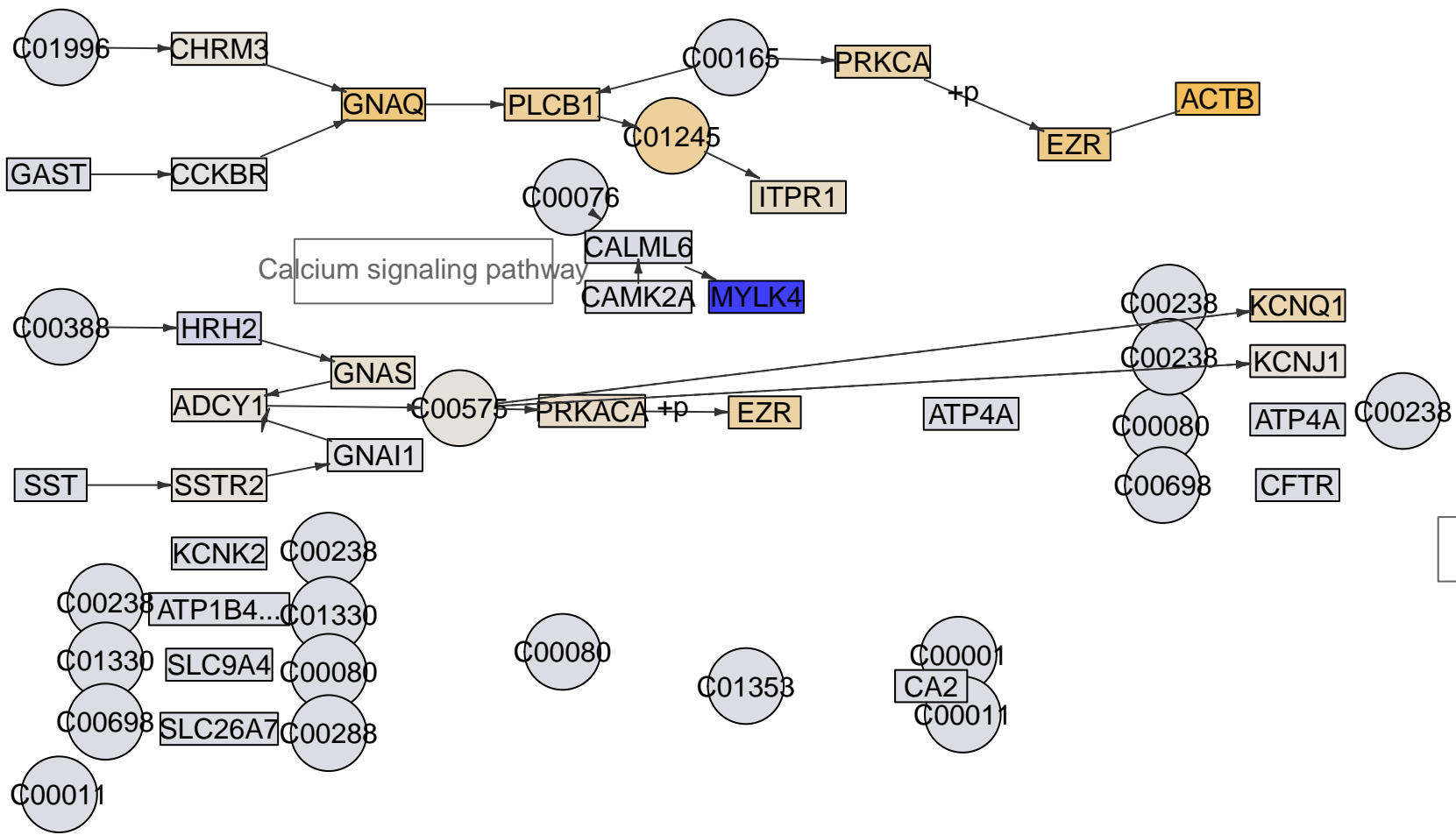
Tight junction

Protein digestion  
and absorption



Gastric acid secretion  
MPI-242

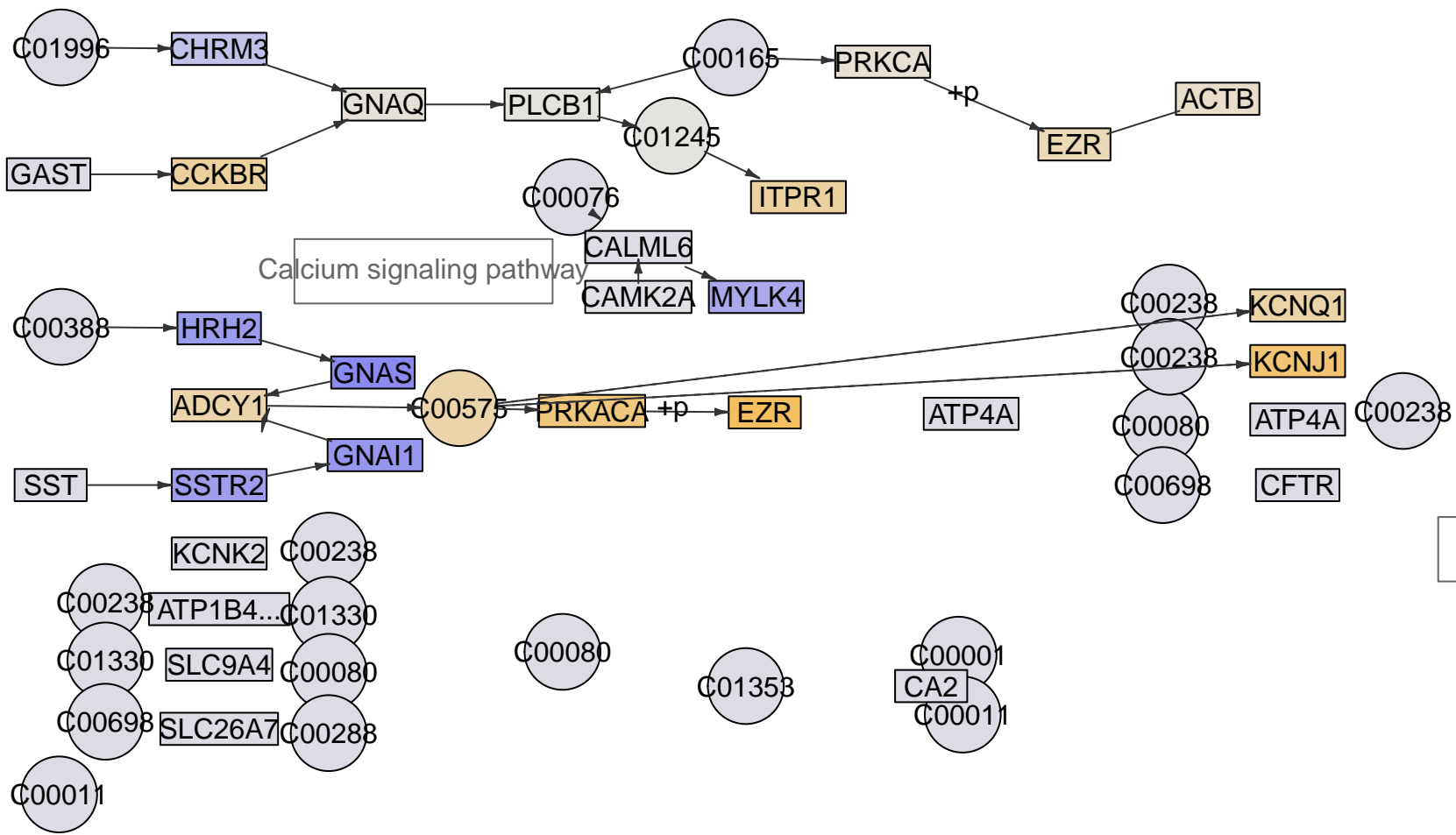
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-245

Tight junction

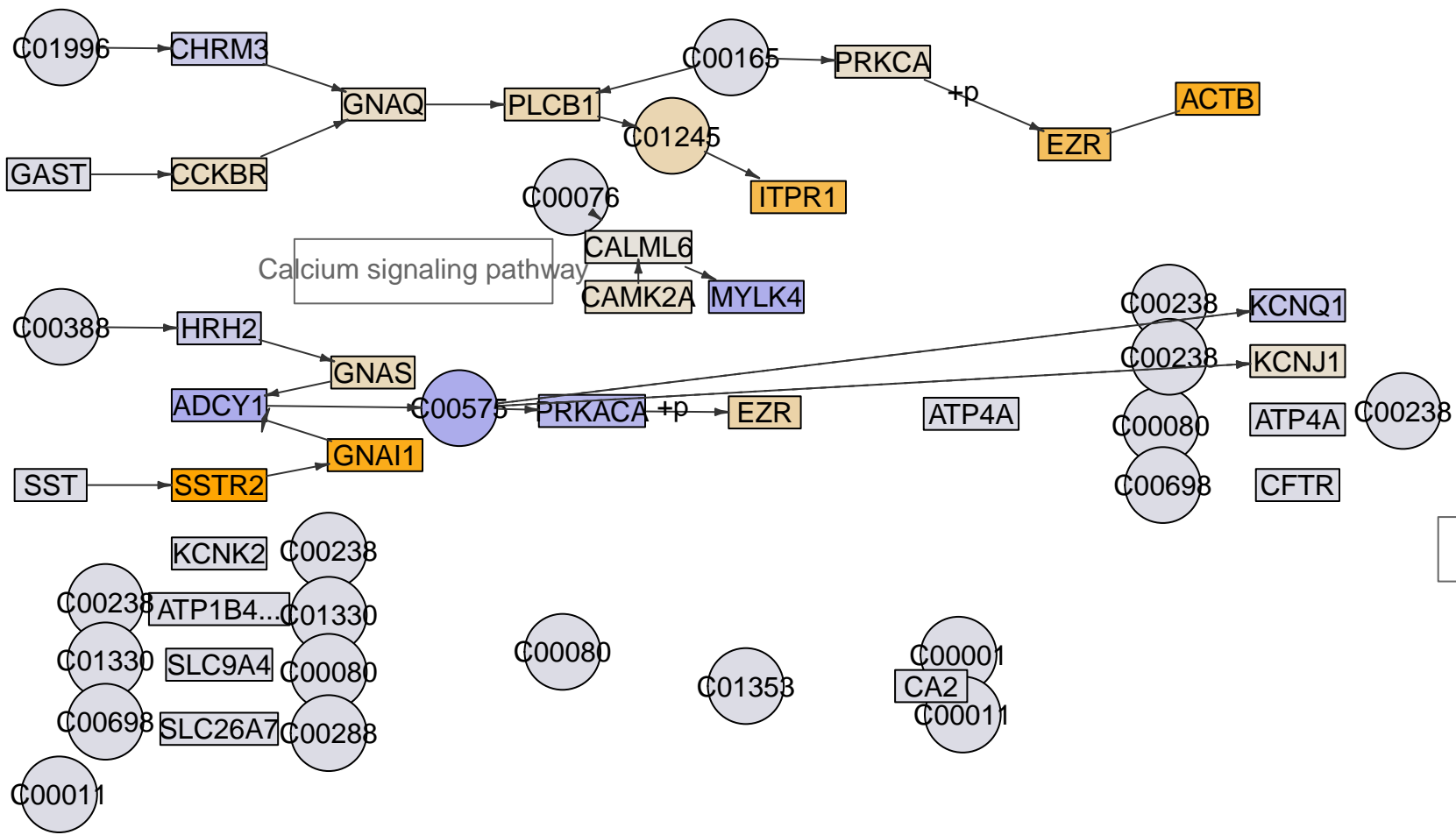


Protein digestion and absorption



Gastric acid secretion  
MPI-249

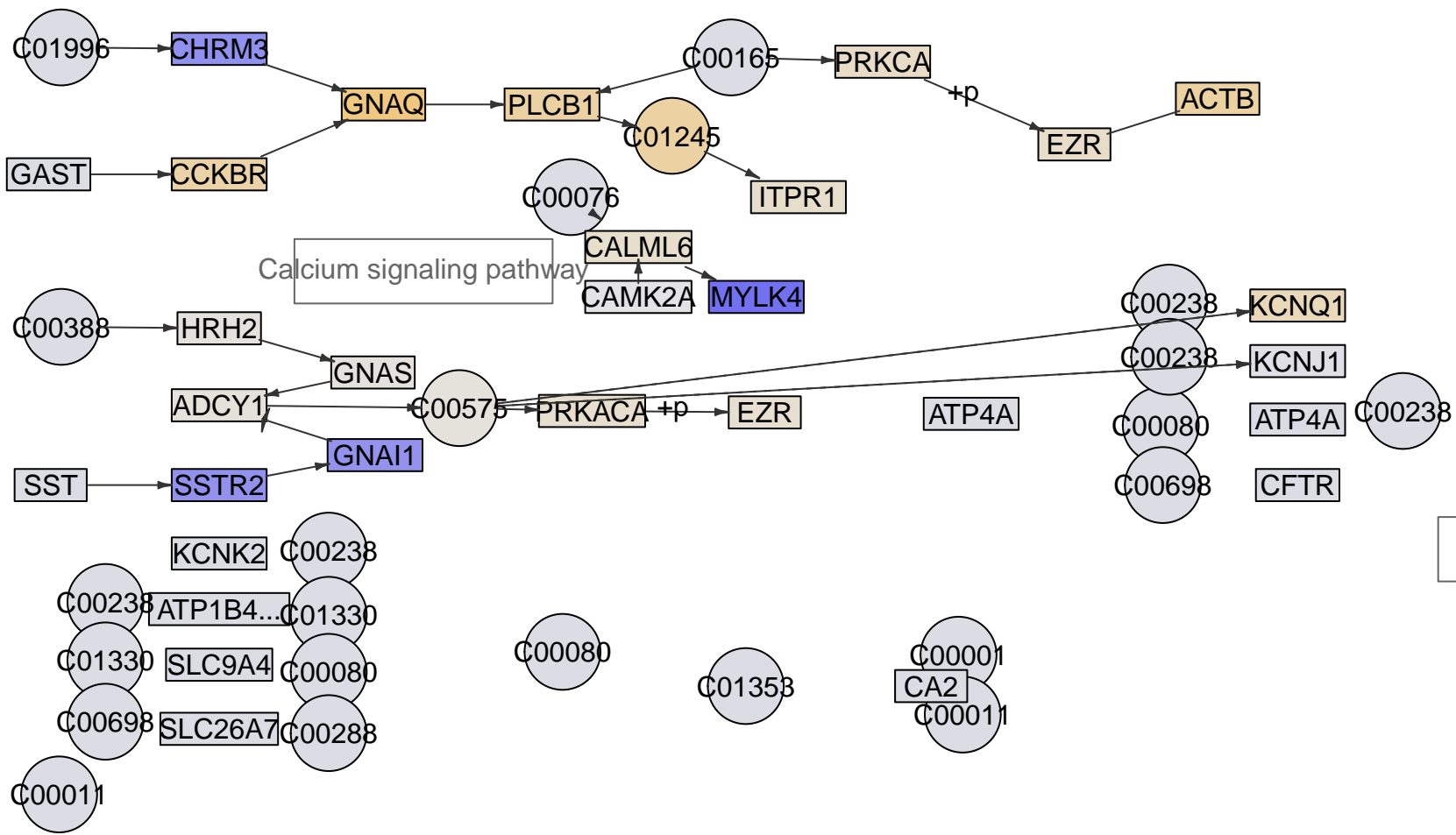
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-250

Tight junction

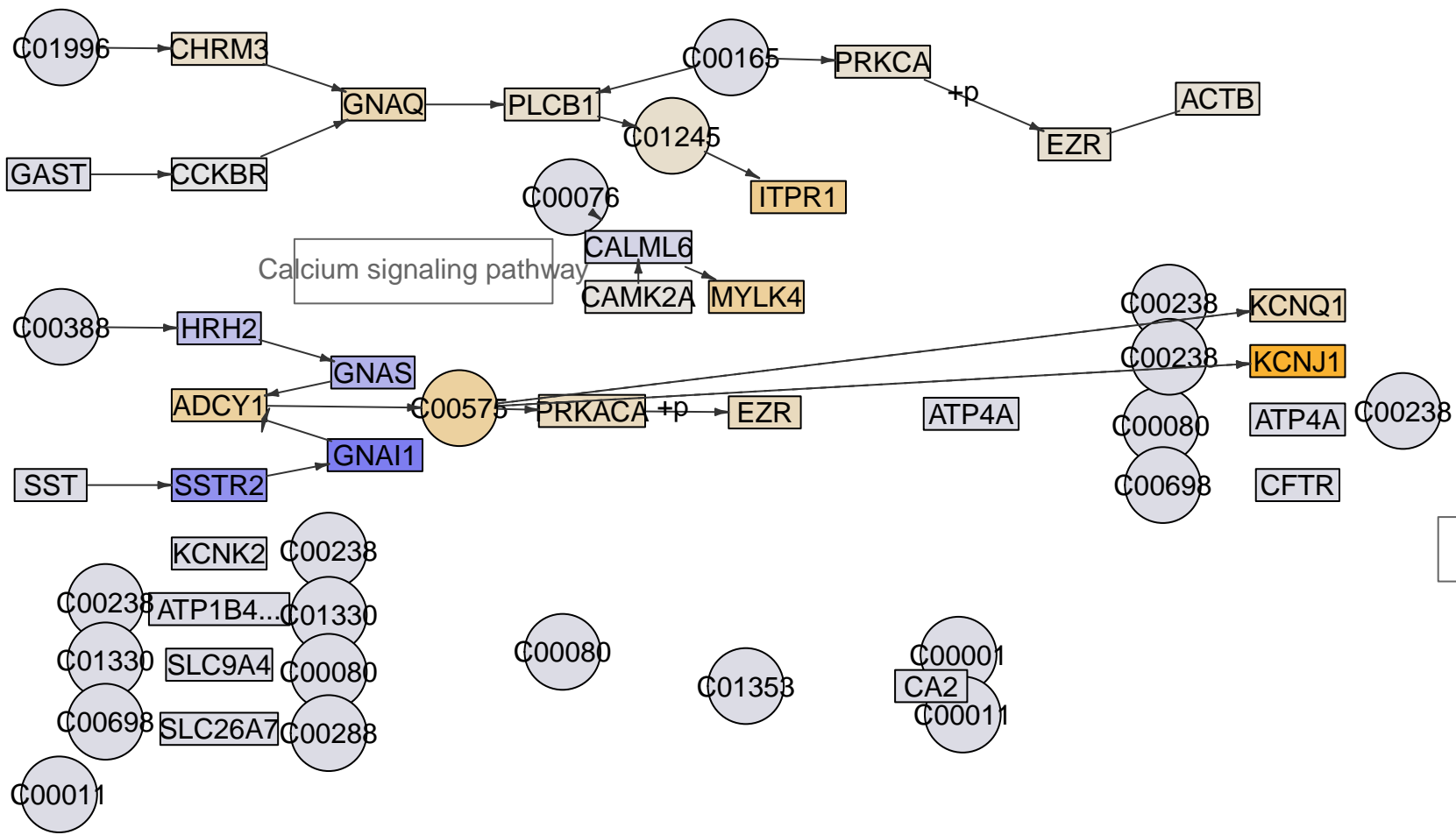


Protein digestion  
and absorption

Gastric acid secretion  
MPI-008

Tight junction

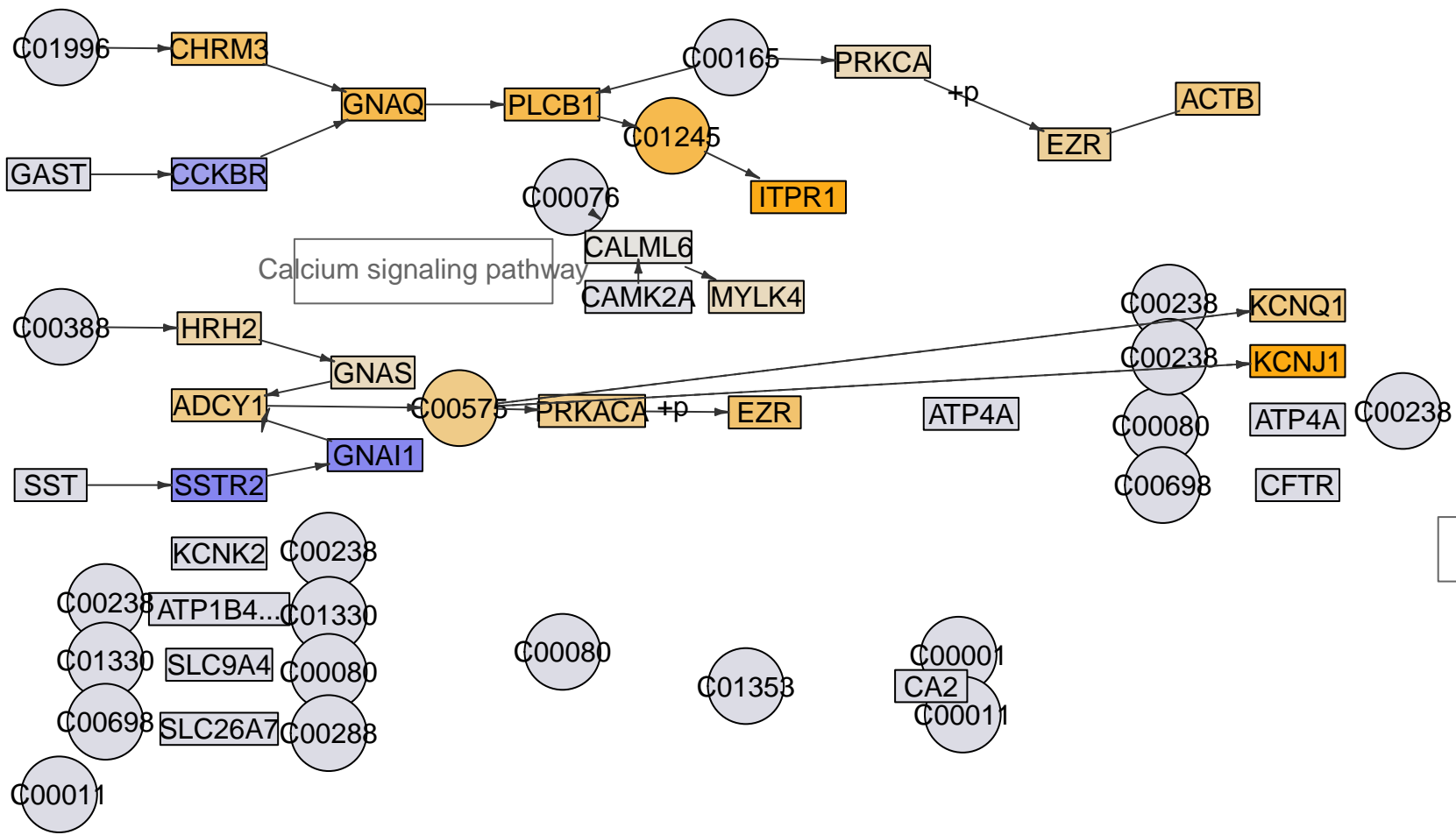
Protein digestion and absorption





Gastric acid secretion  
MPI-009

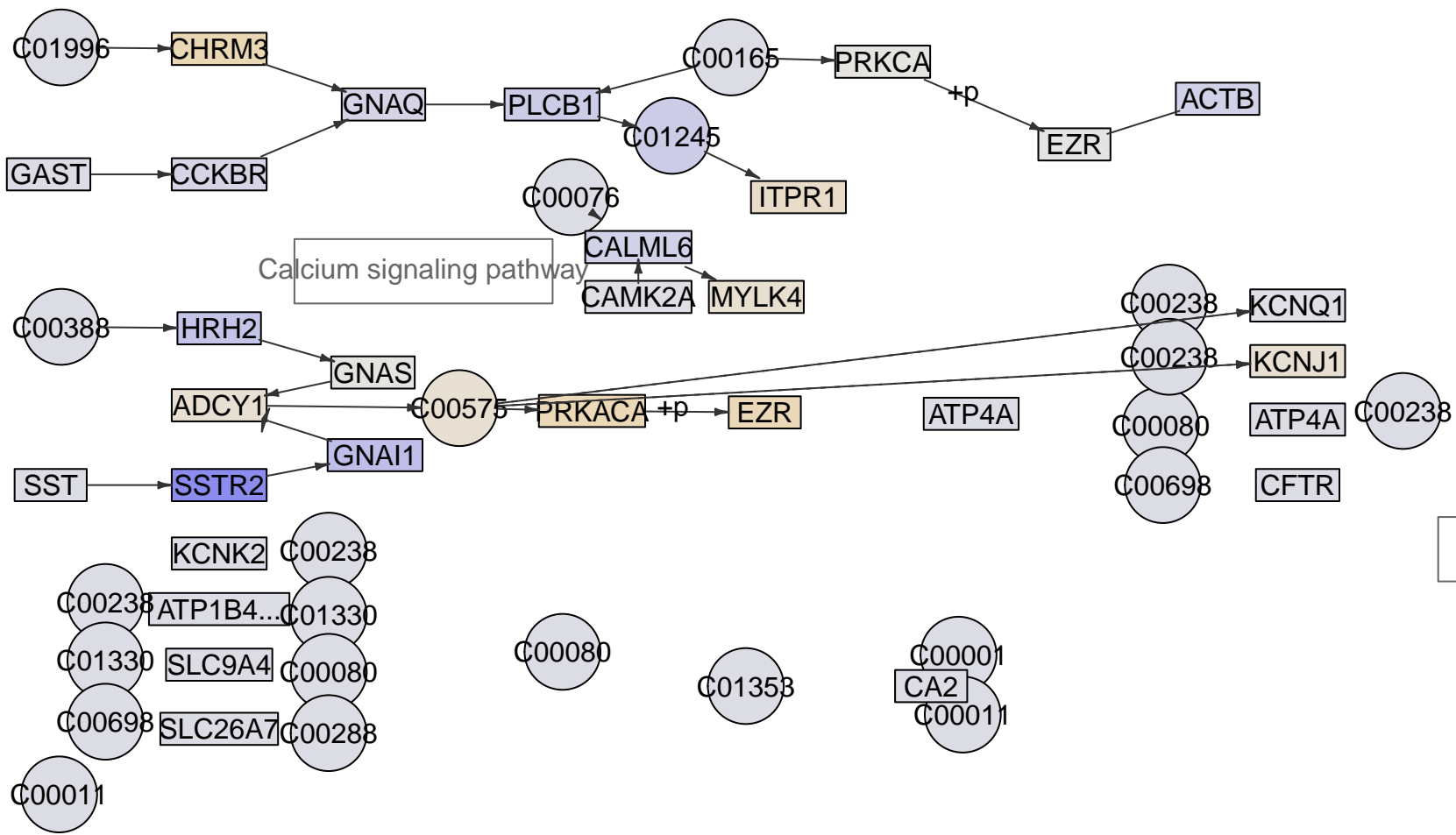
Tight junction



Protein digestion and absorption

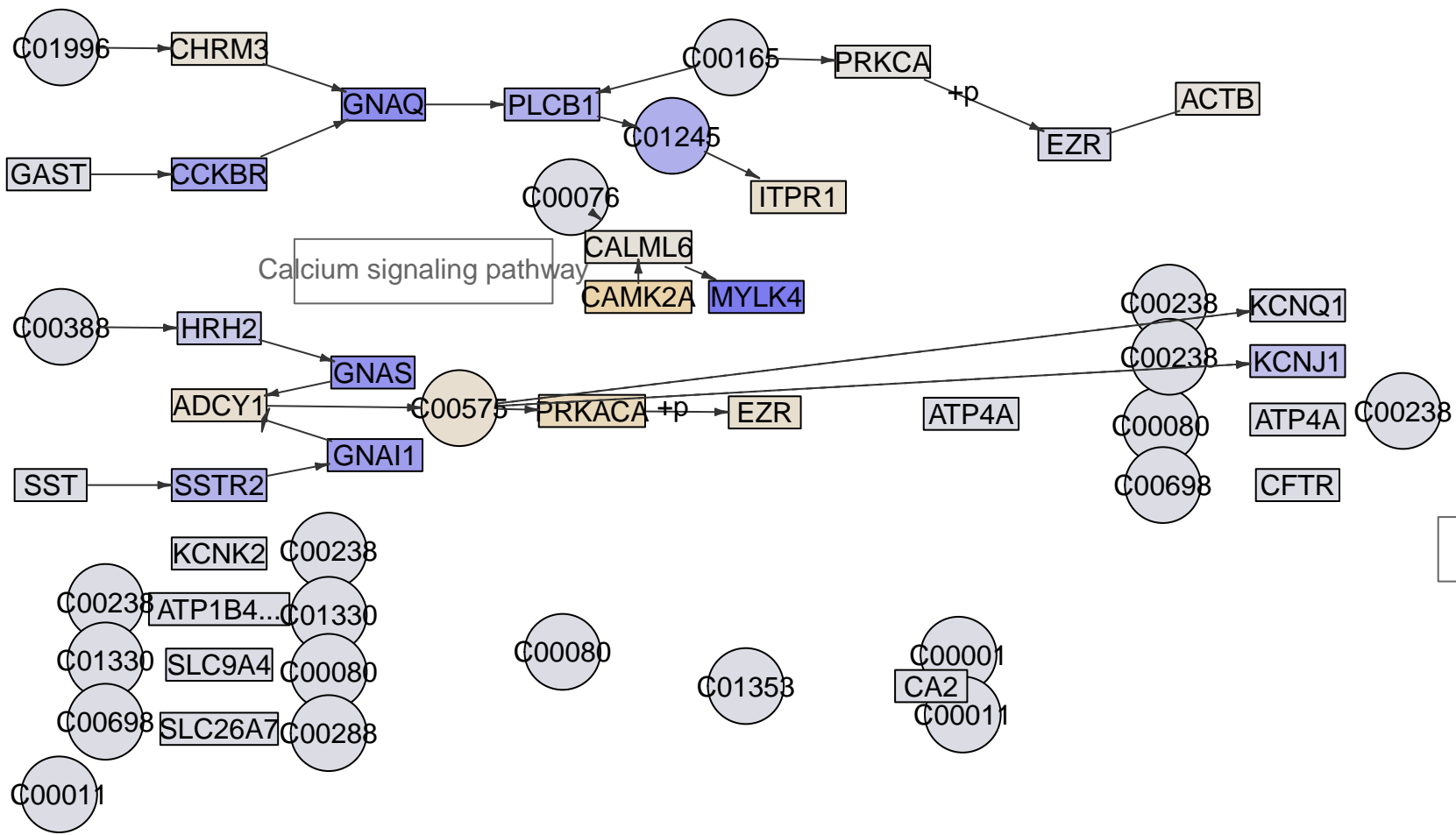
Gastric acid secretion  
MPI-010

Tight junction



Gastric acid secretion  
MPI-012

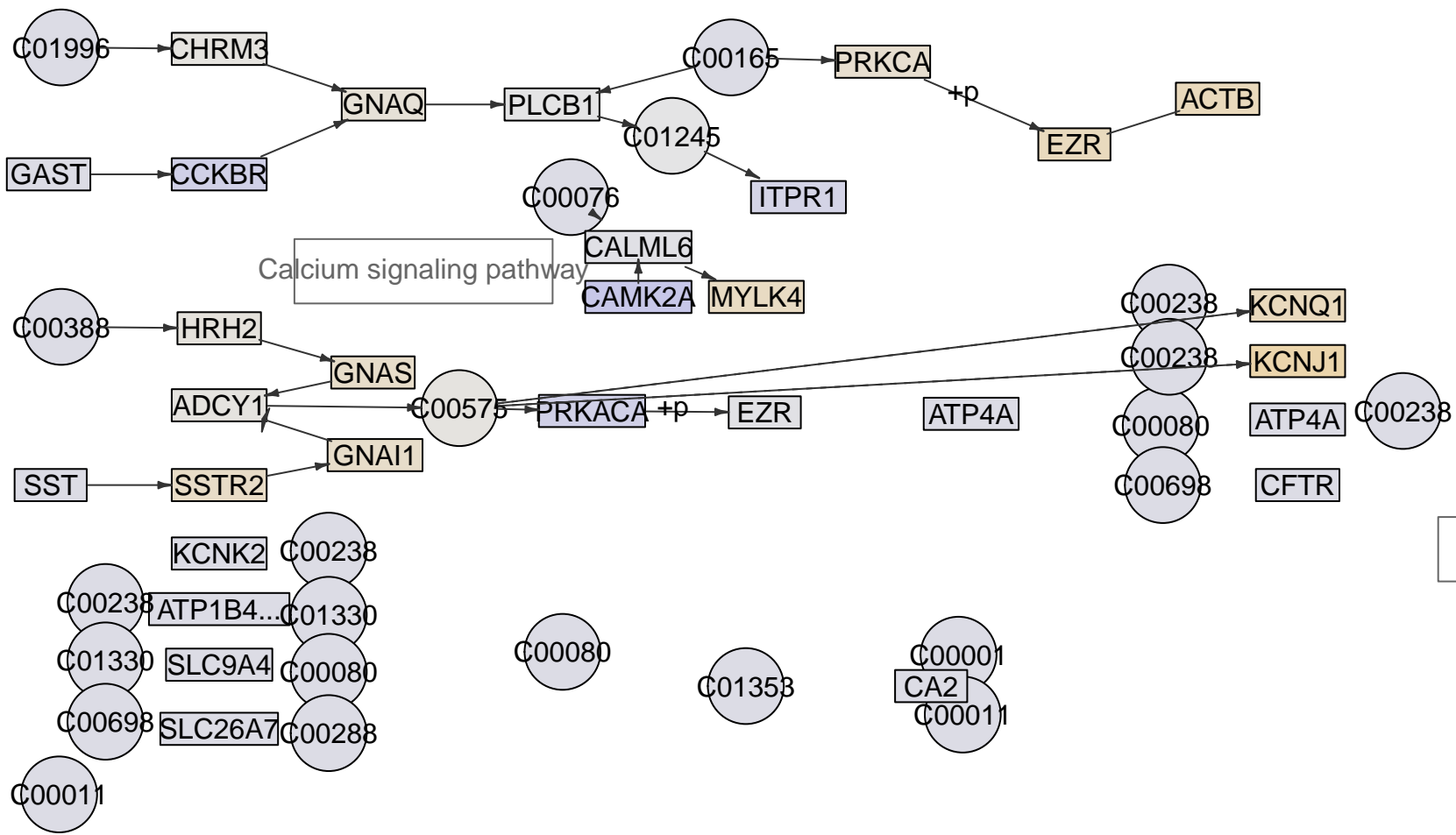
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-013

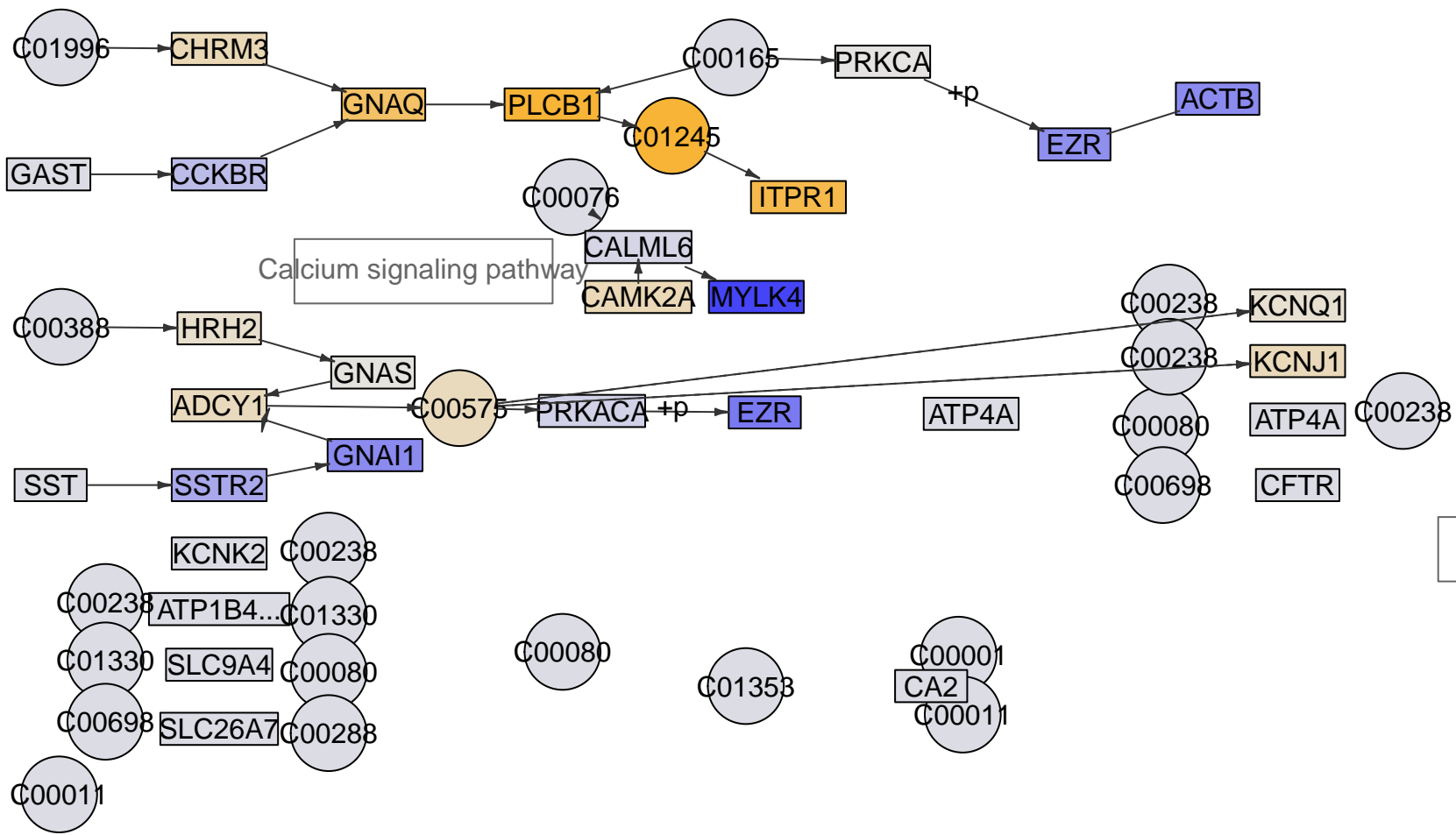
Tight junction



Protein digestion and absorption

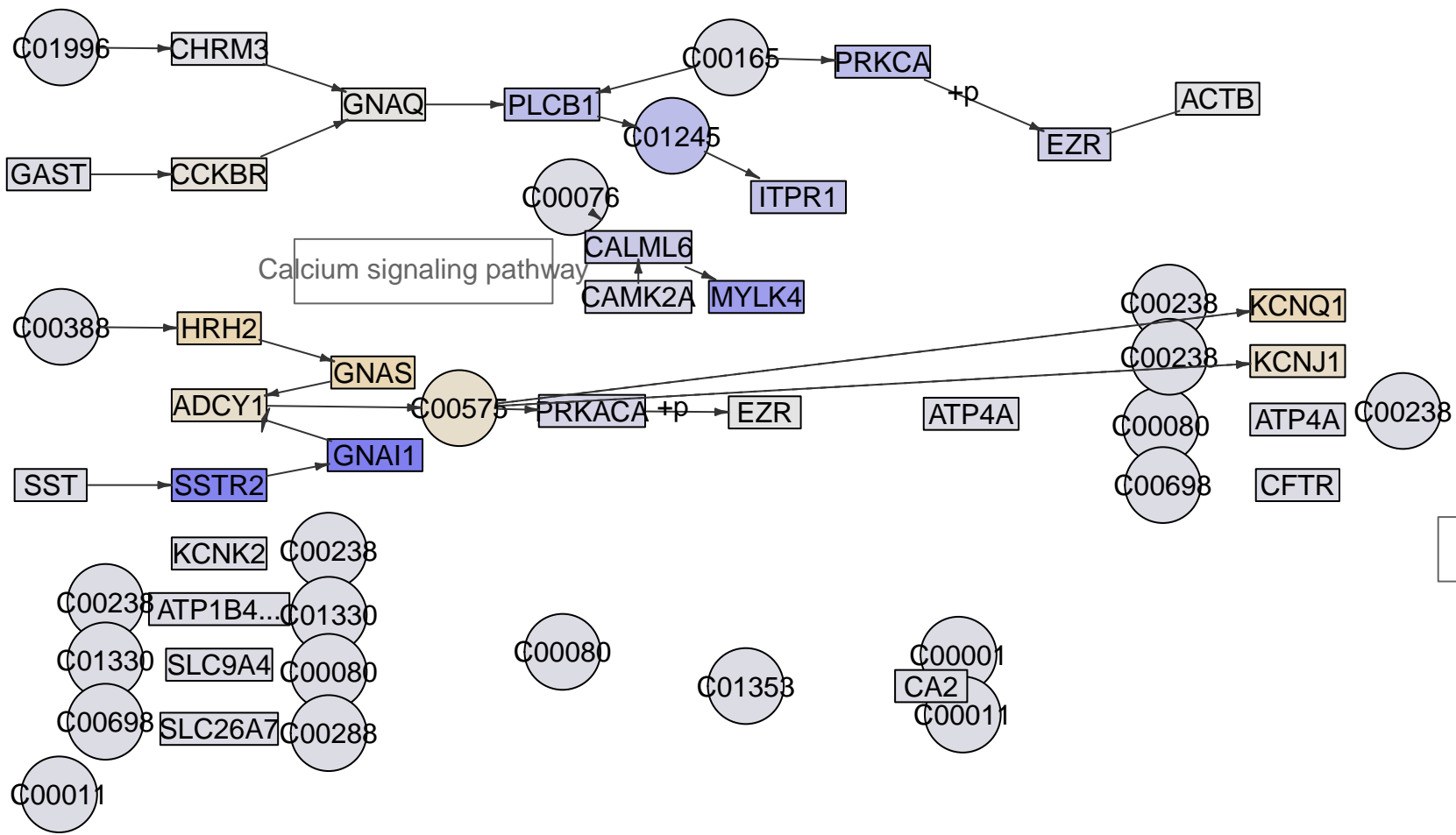
Gastric acid secretion  
MPI-014

Tight junction



Gastric acid secretion  
MPI-015

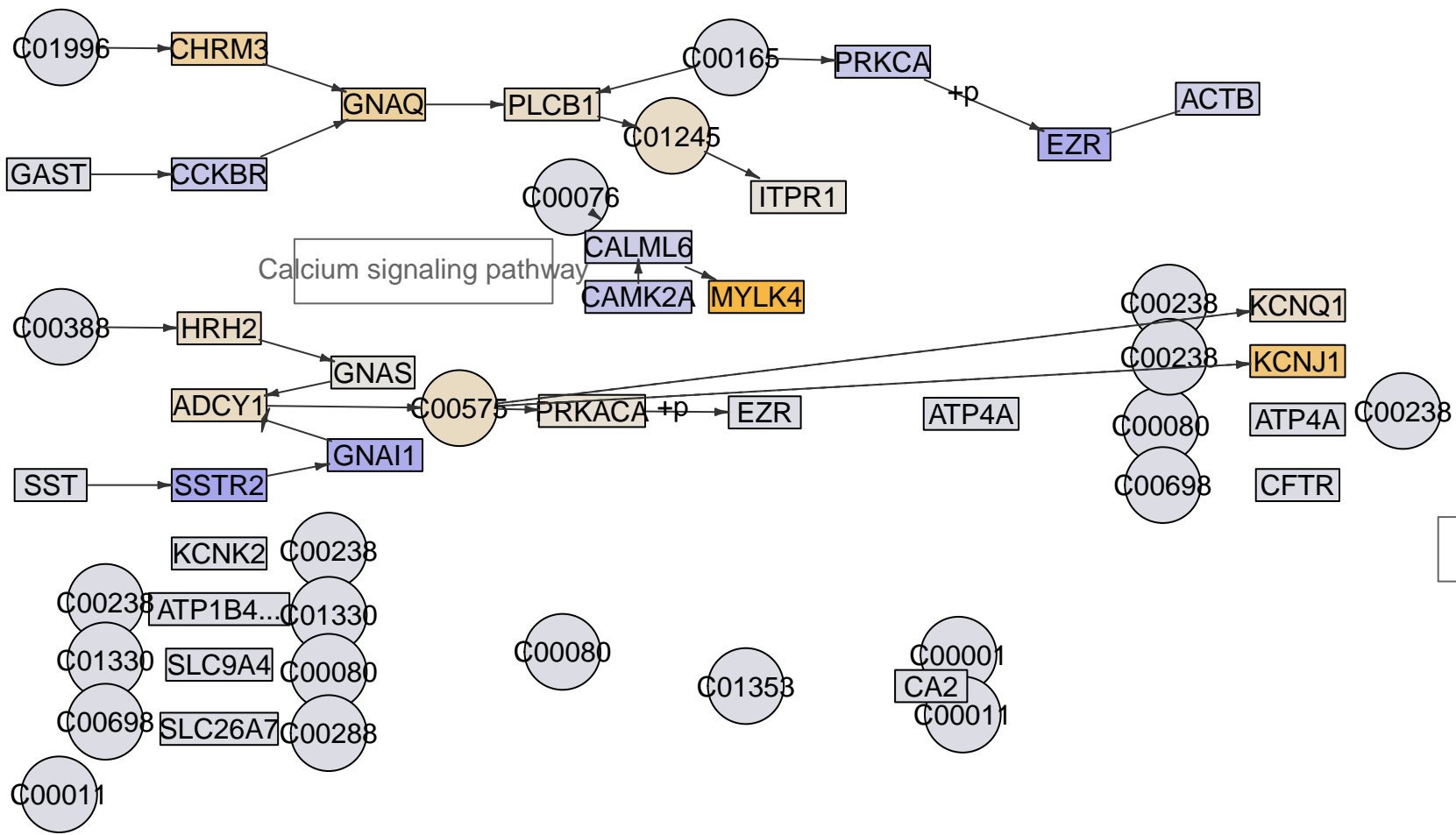
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-021

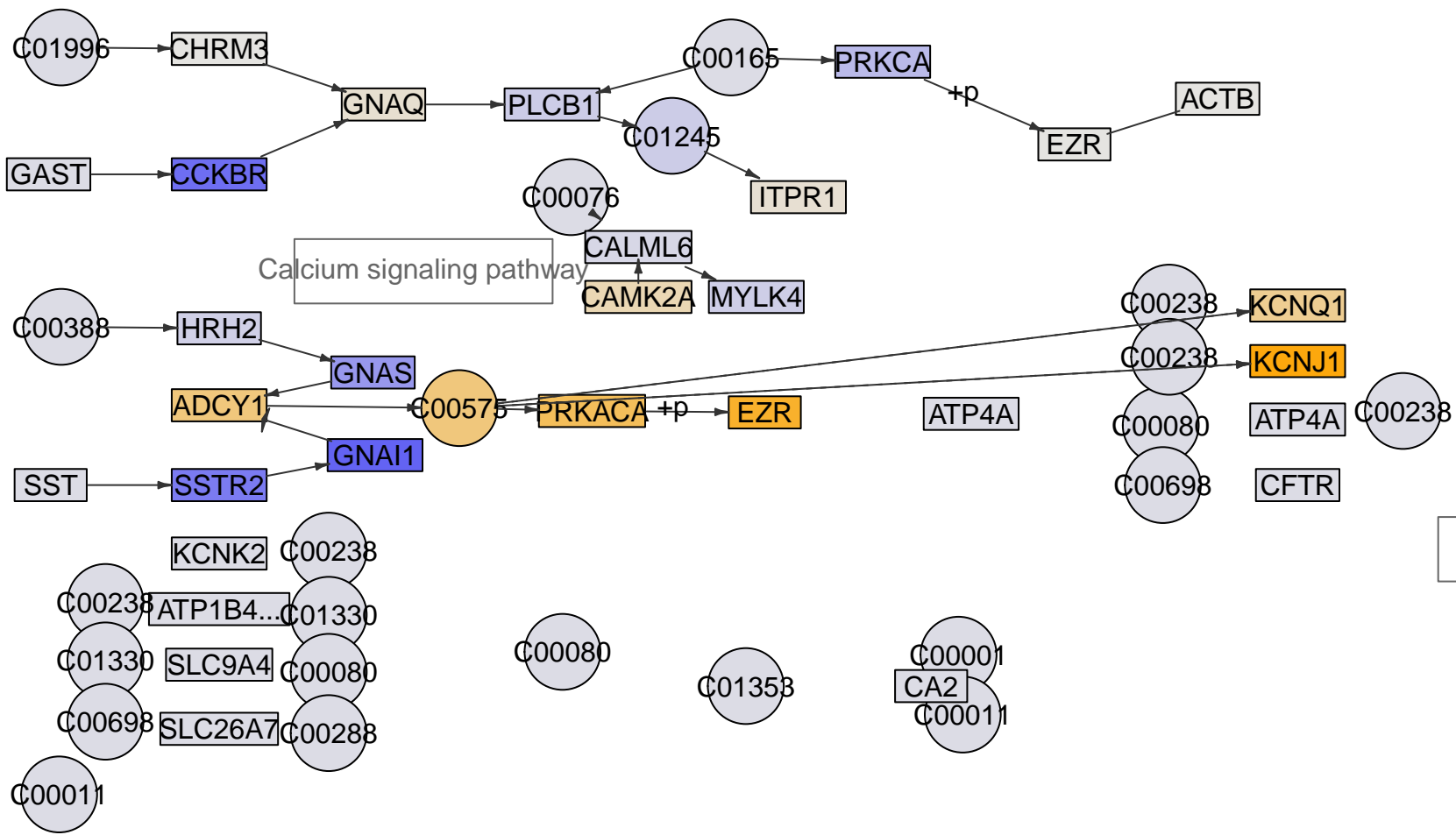
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-022

Tight junction

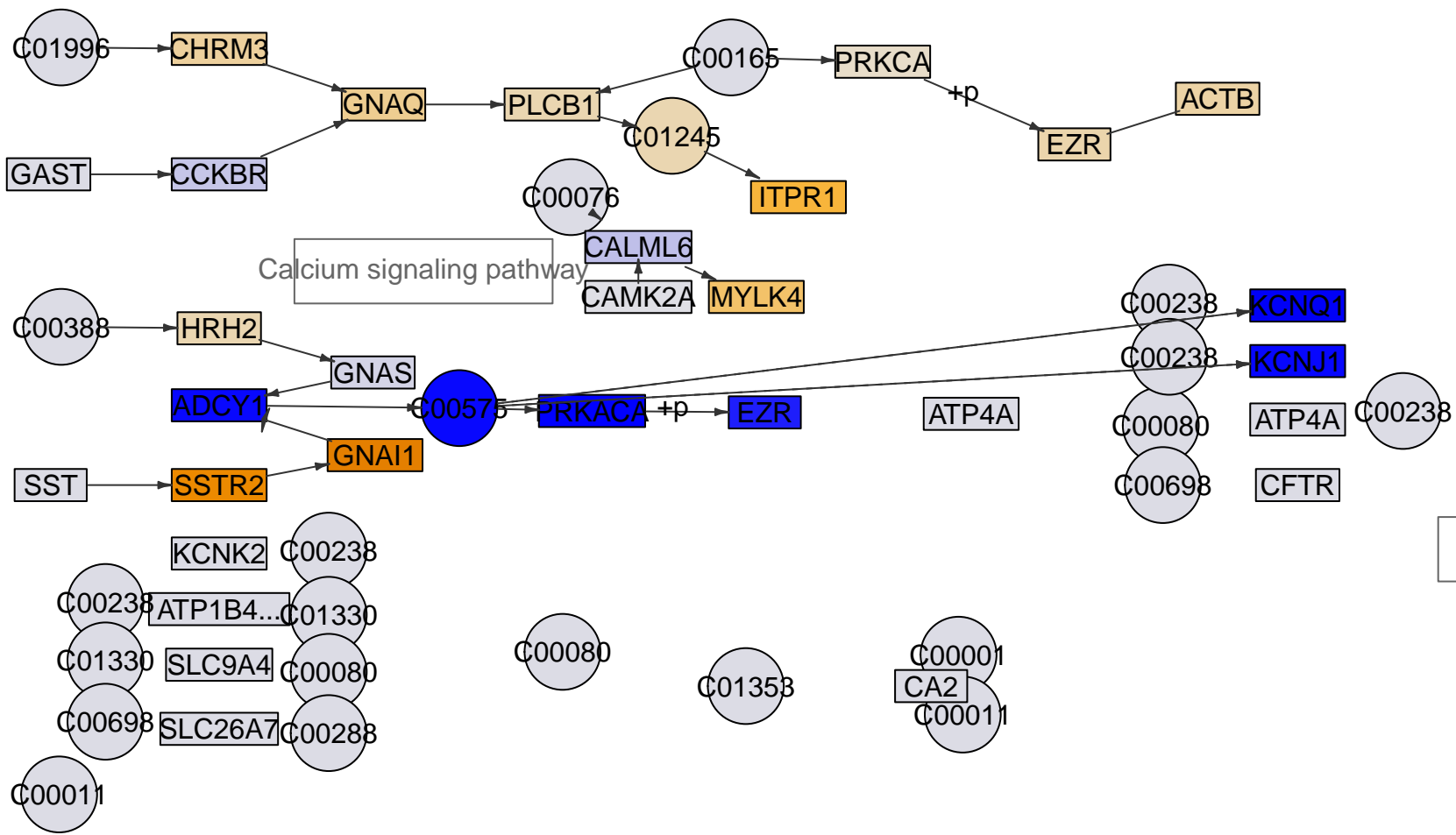


Protein digestion and absorption



Gastric acid secretion  
MPI-025

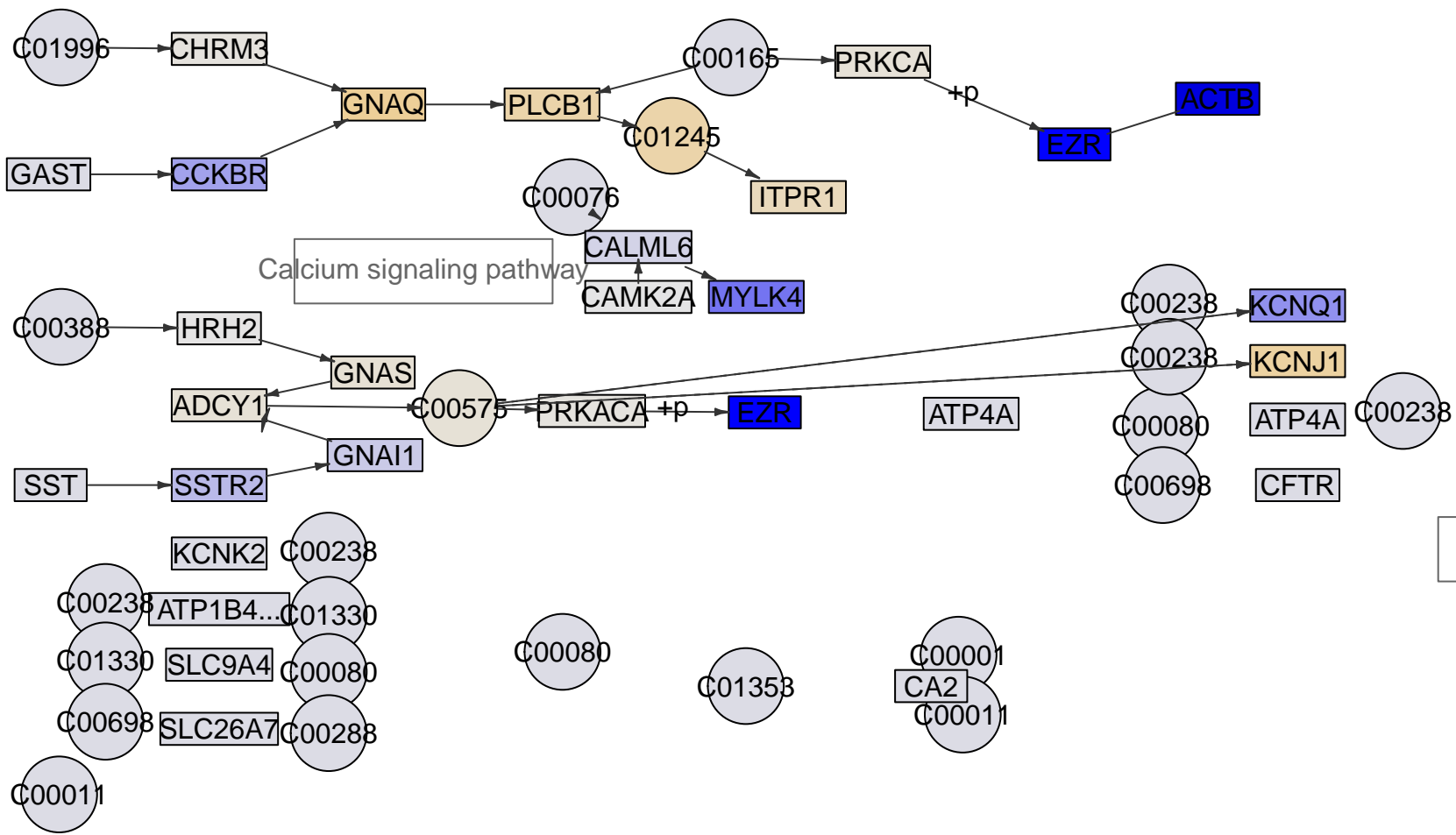
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-029

Tight junction

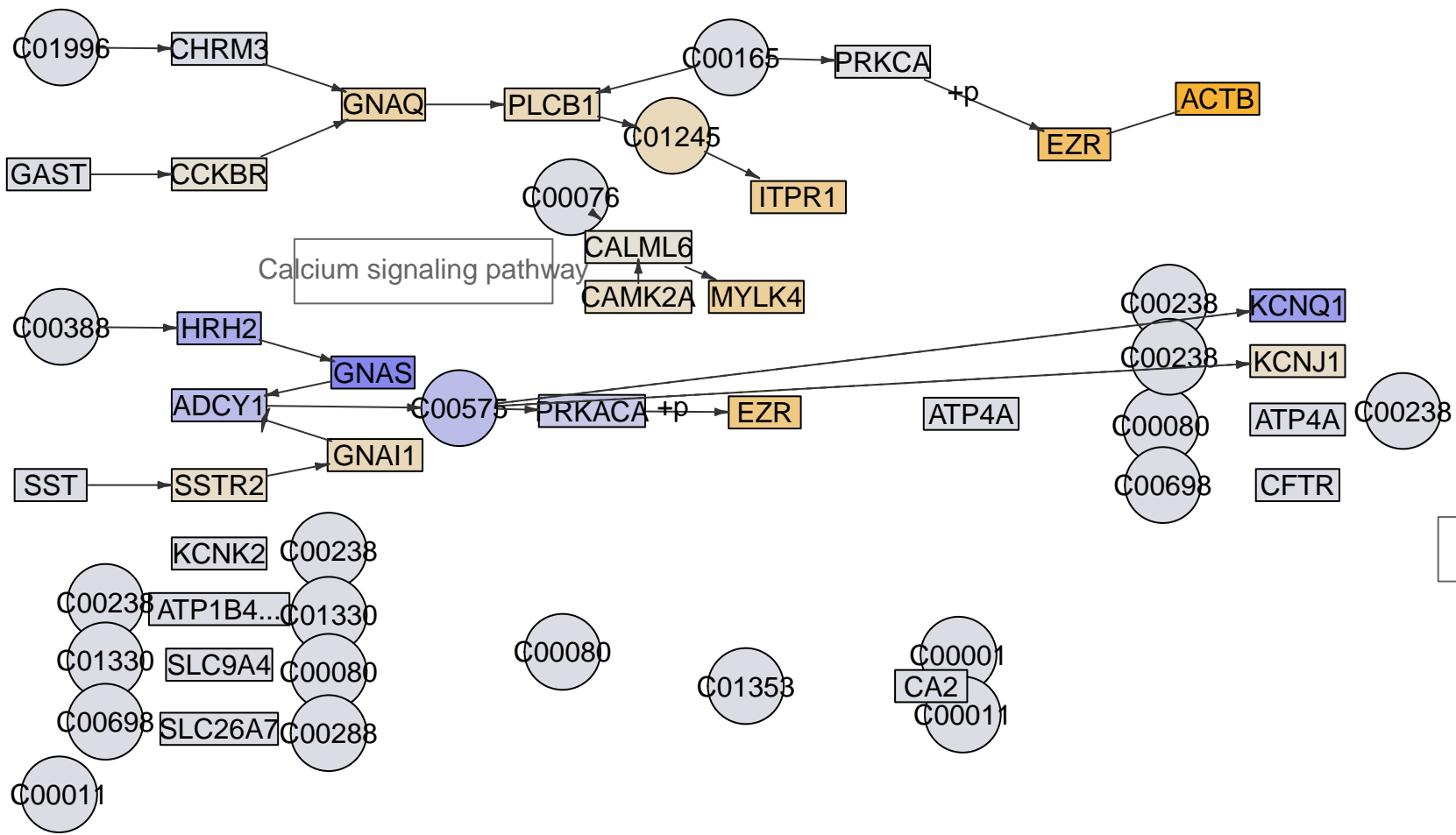


Protein digestion and absorption

Gastric acid secretion  
MPI-030

Tight junction

Protein digestion and absorption

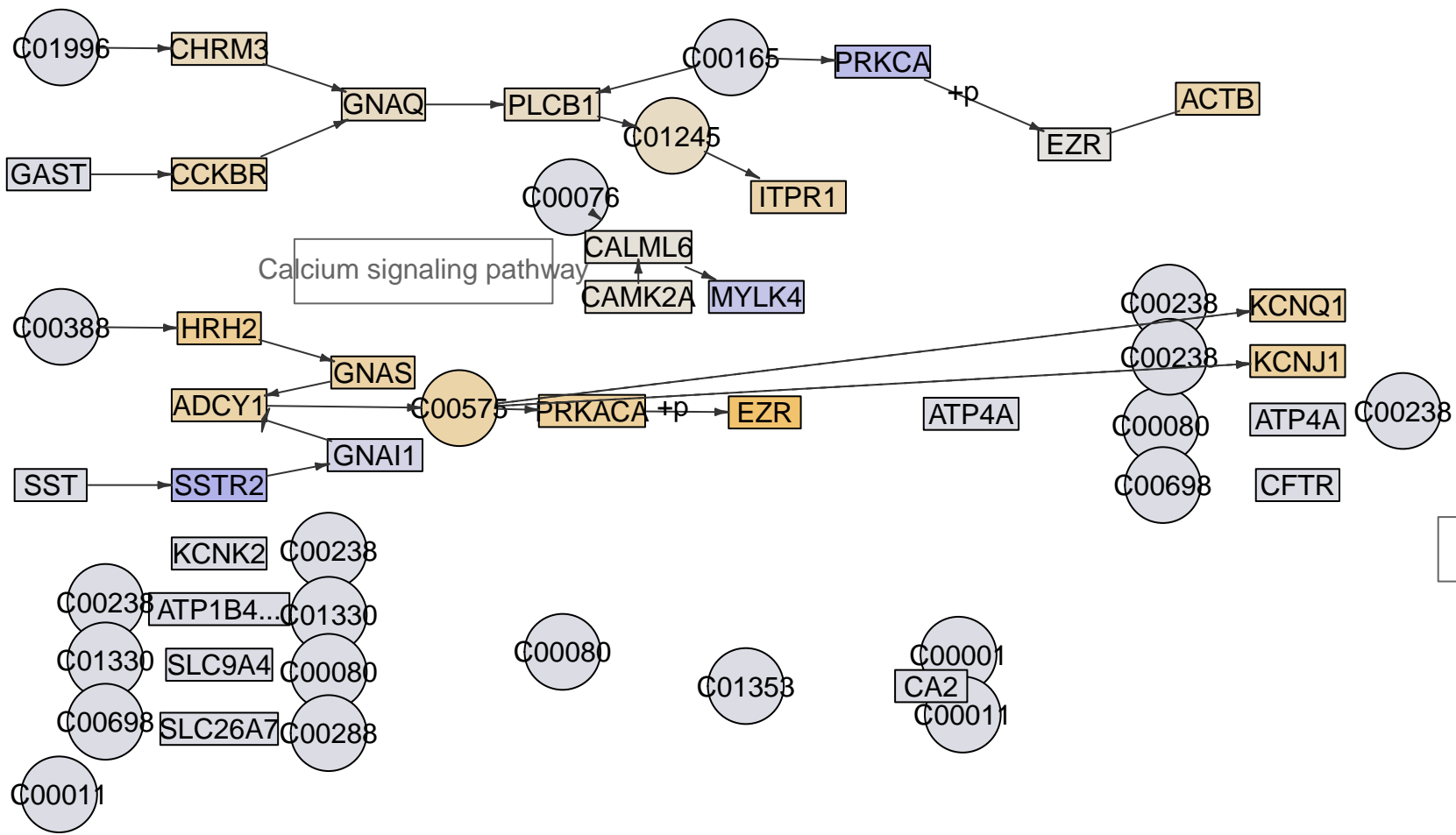




Gastric acid secretion  
MPI-039

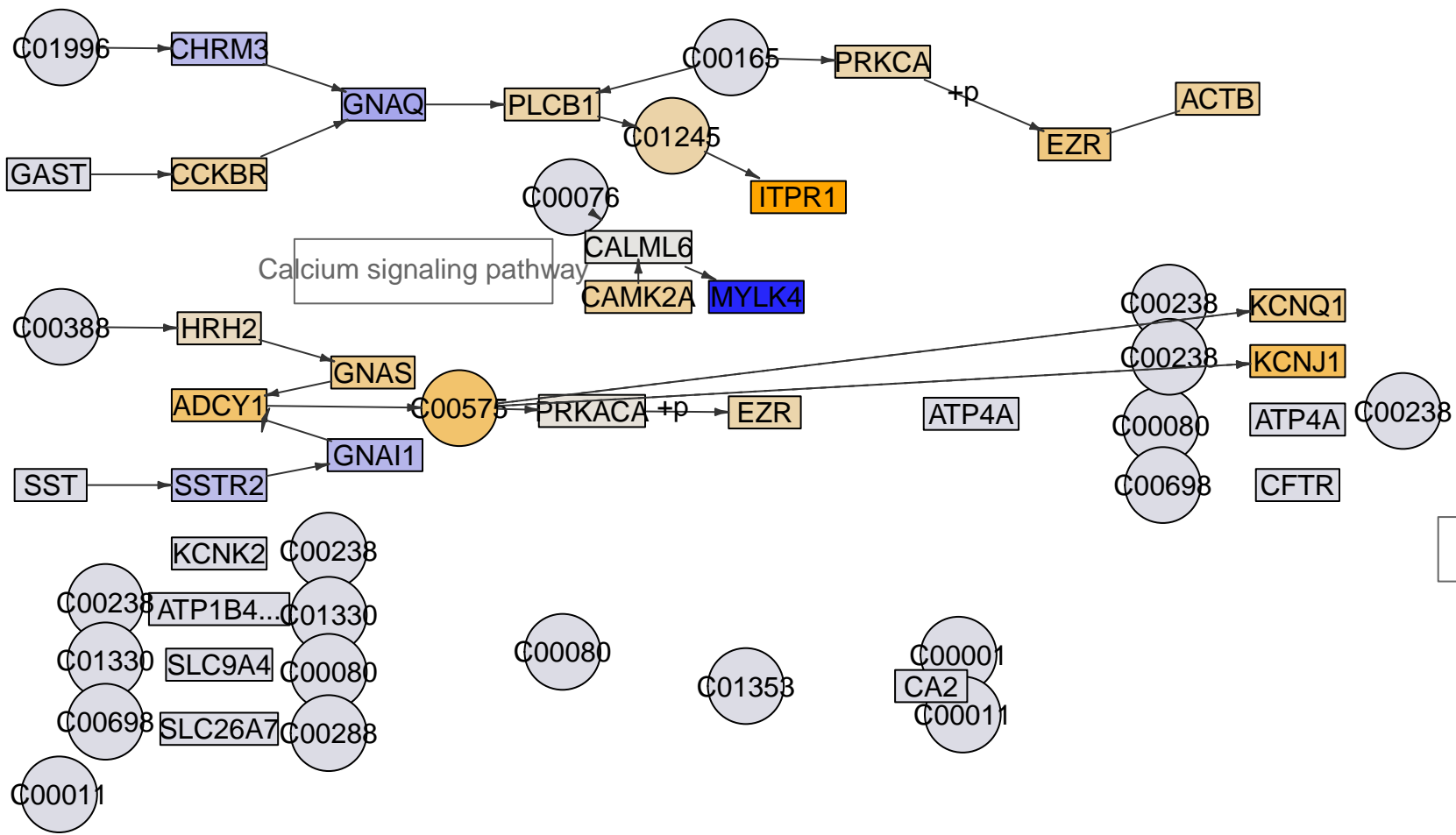
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-040

Tight junction

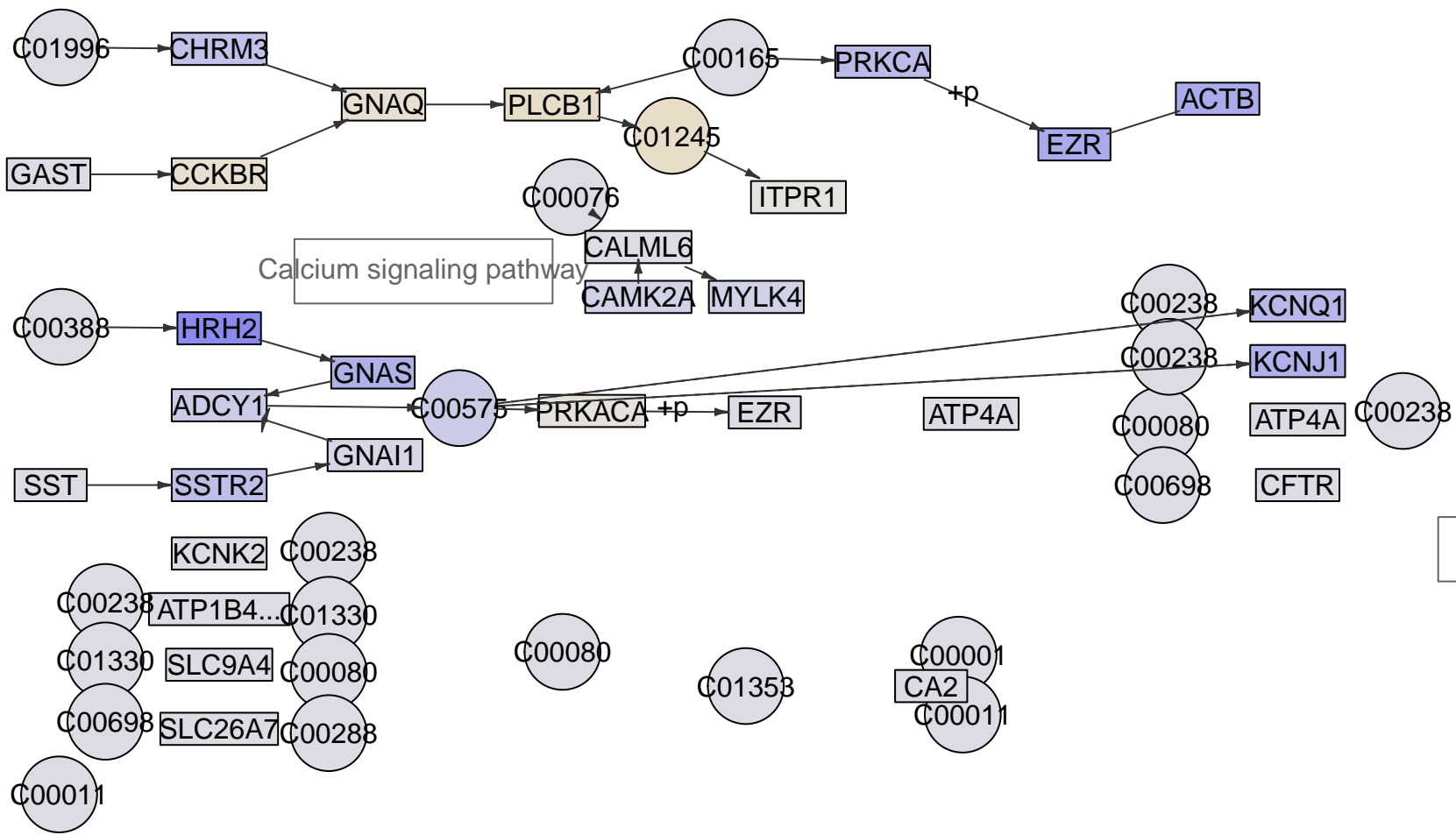


Protein digestion and absorption

Gastric acid secretion  
MPI-045

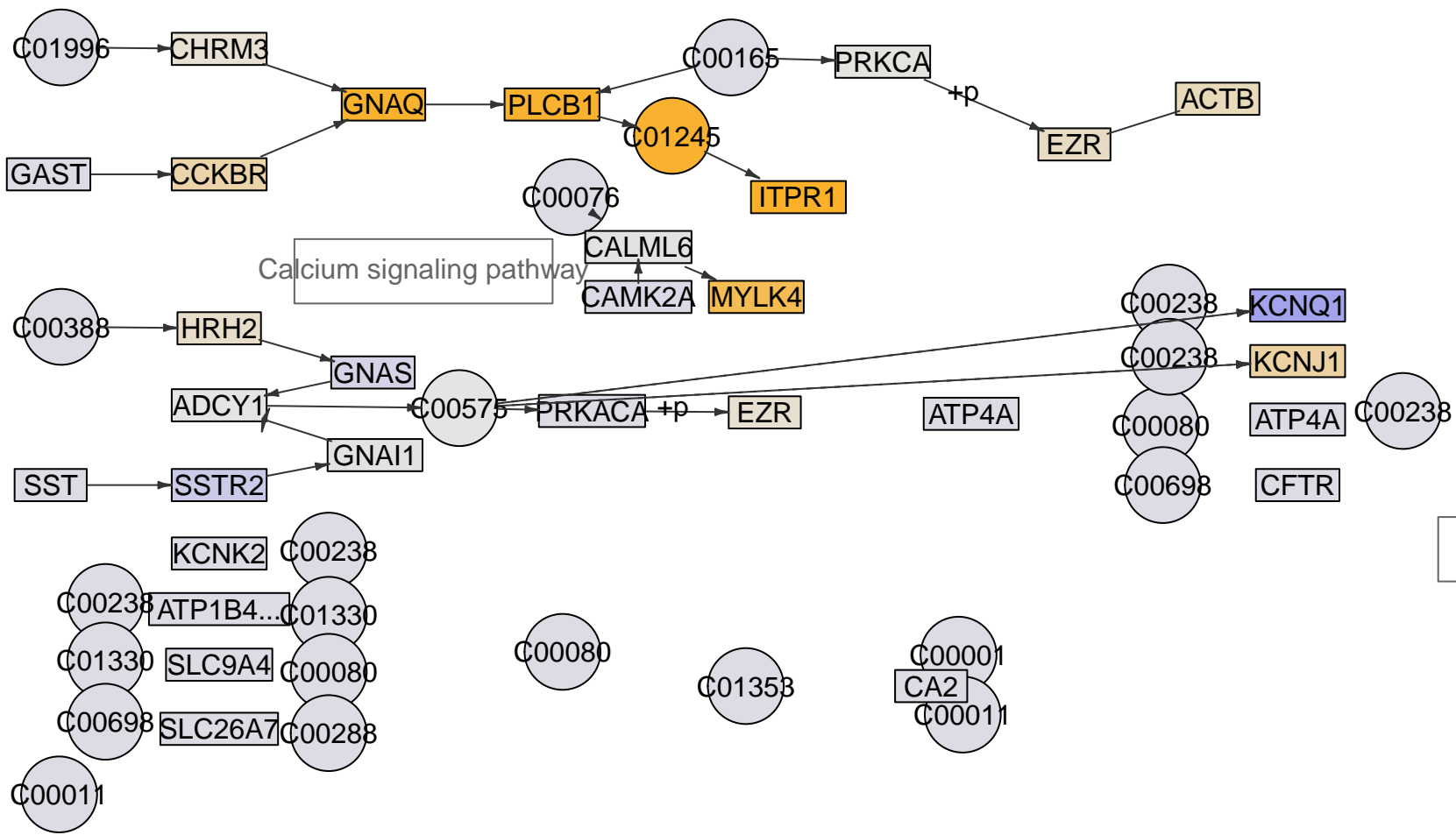
Tight junction

Protein digestion  
and absorption



Gastric acid secretion  
MPI-047

Tight junction

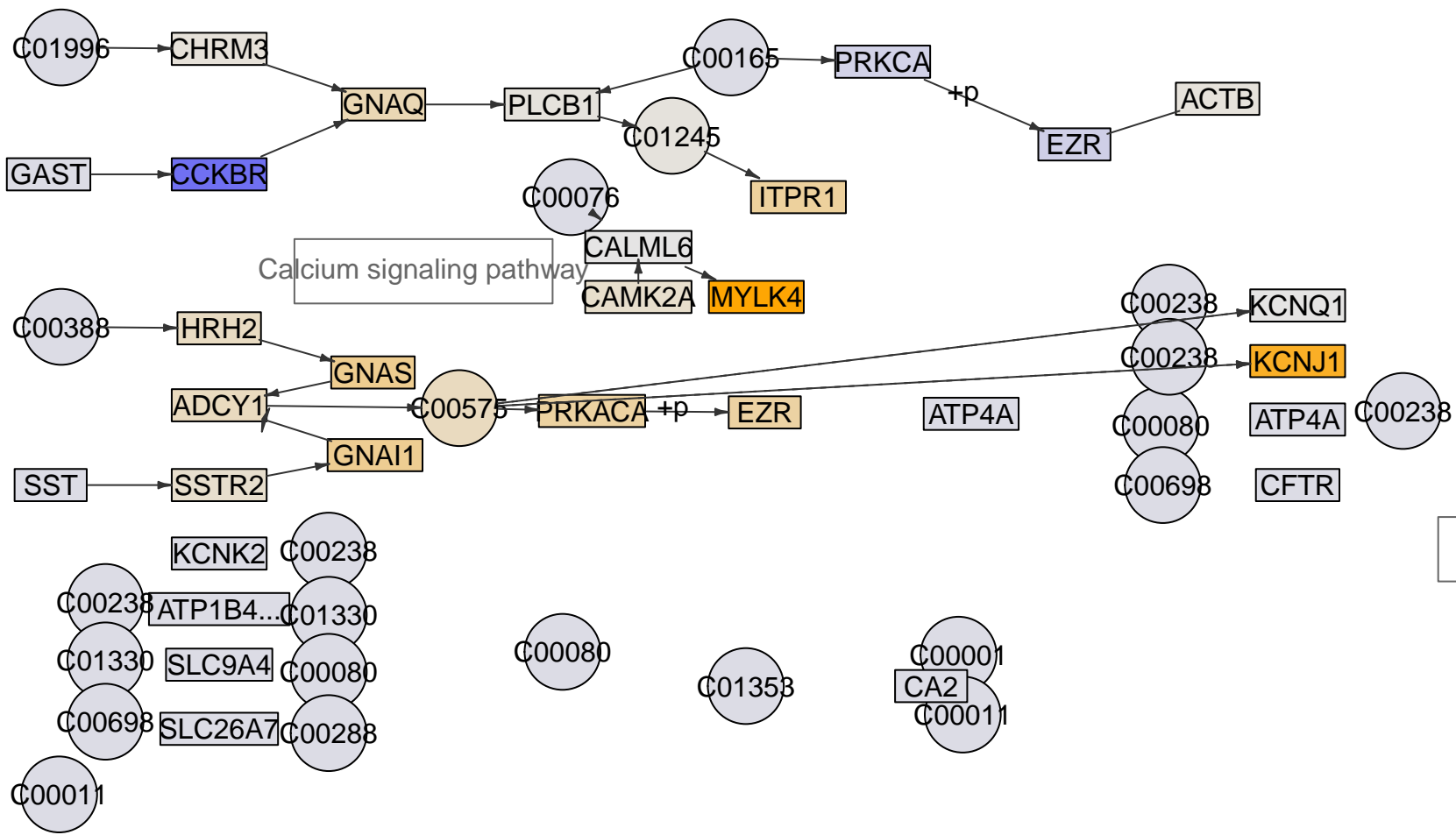


Protein digestion and absorption



Gastric acid secretion  
MPI-053

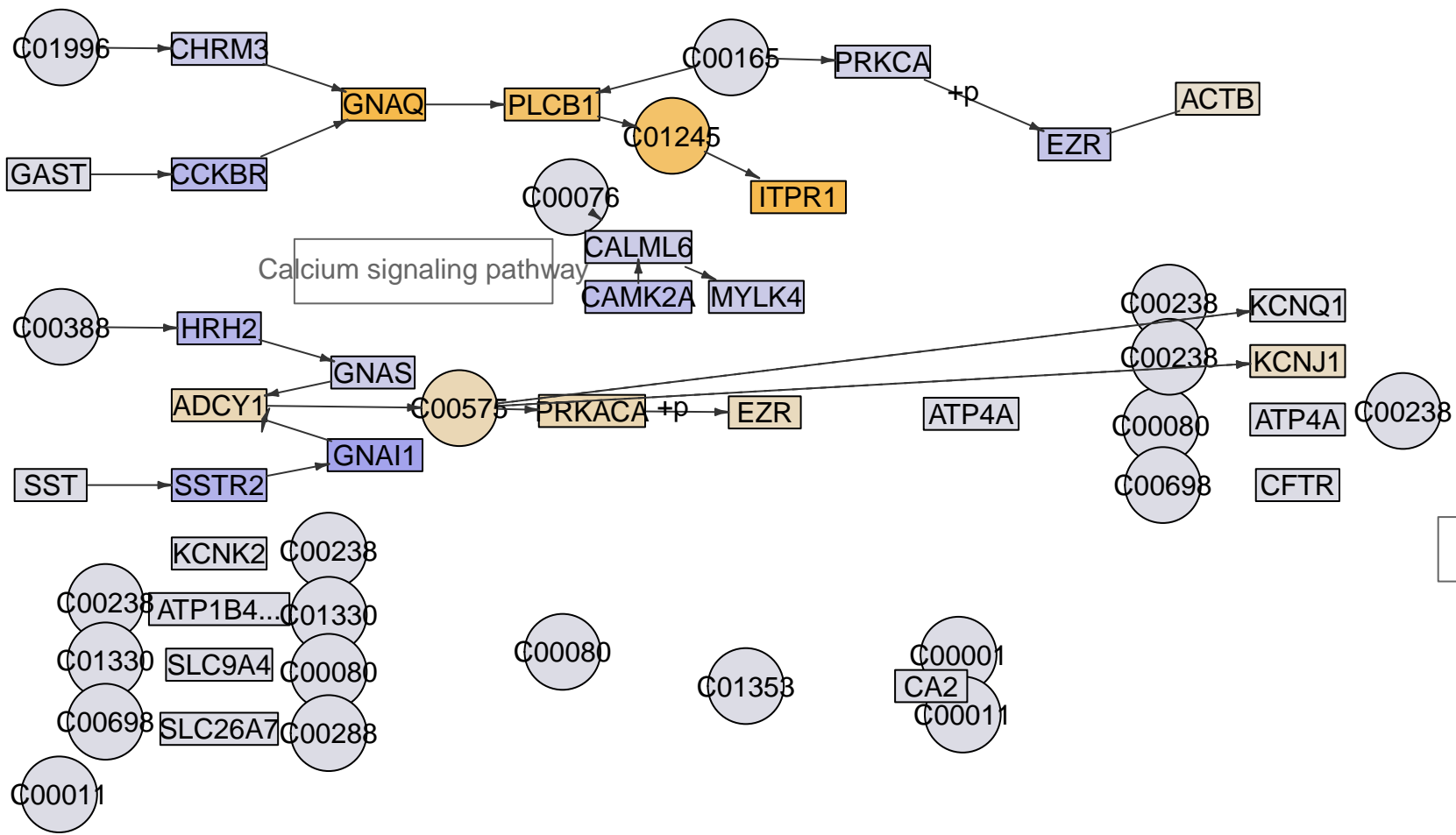
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-062

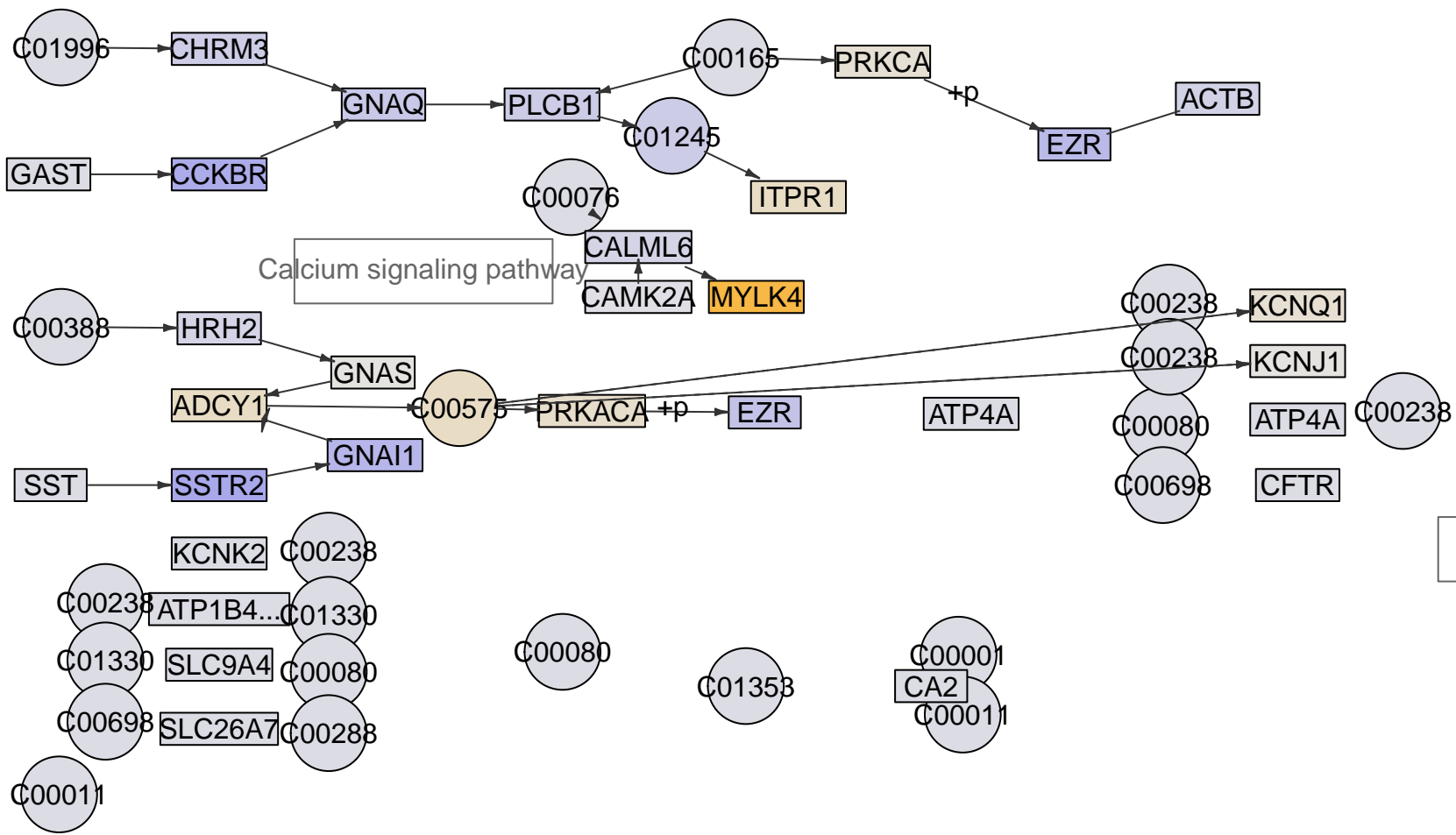
Tight junction



Protein digestion and absorption

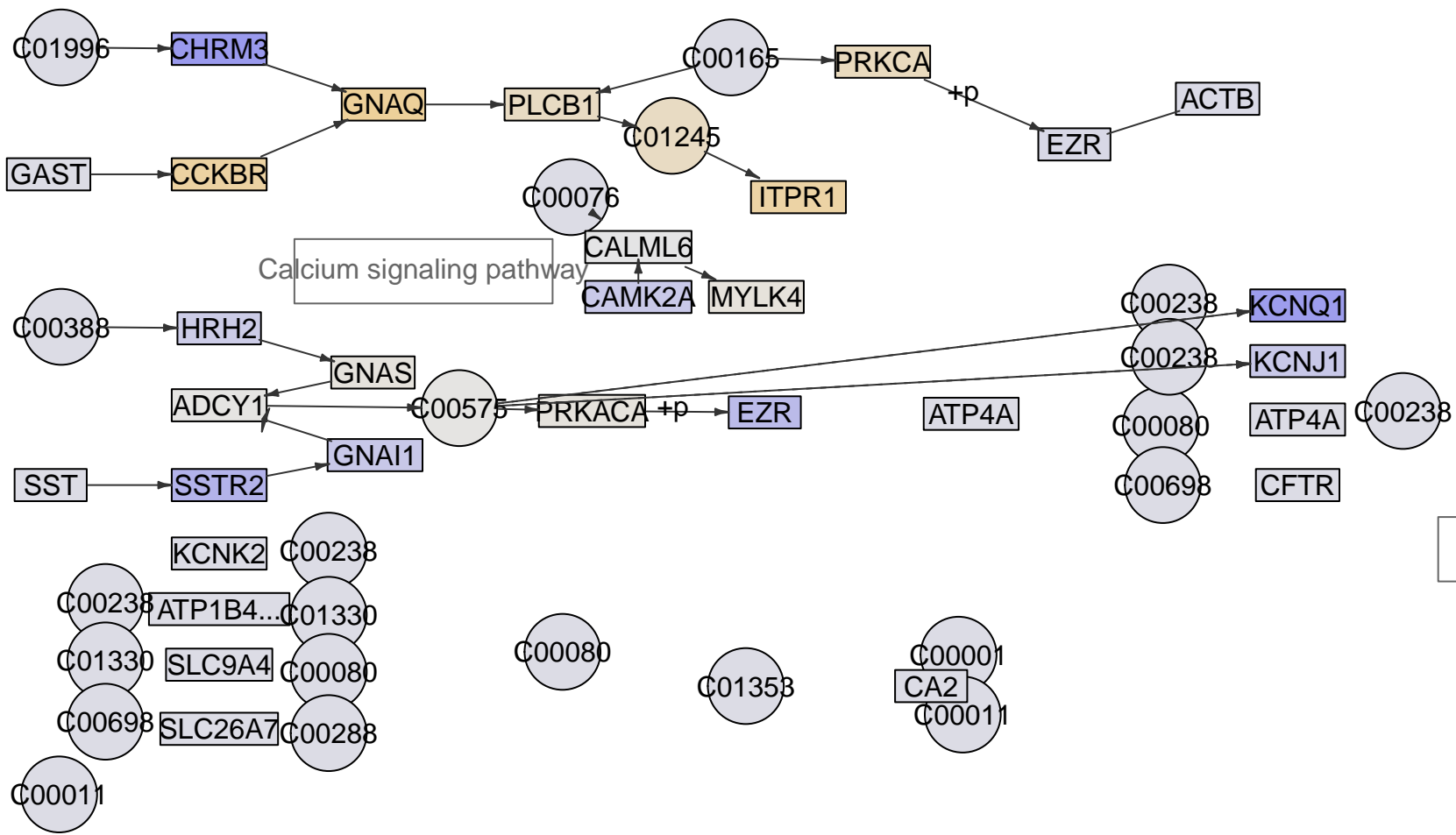
Gastric acid secretion  
MPI-063

Tight junction



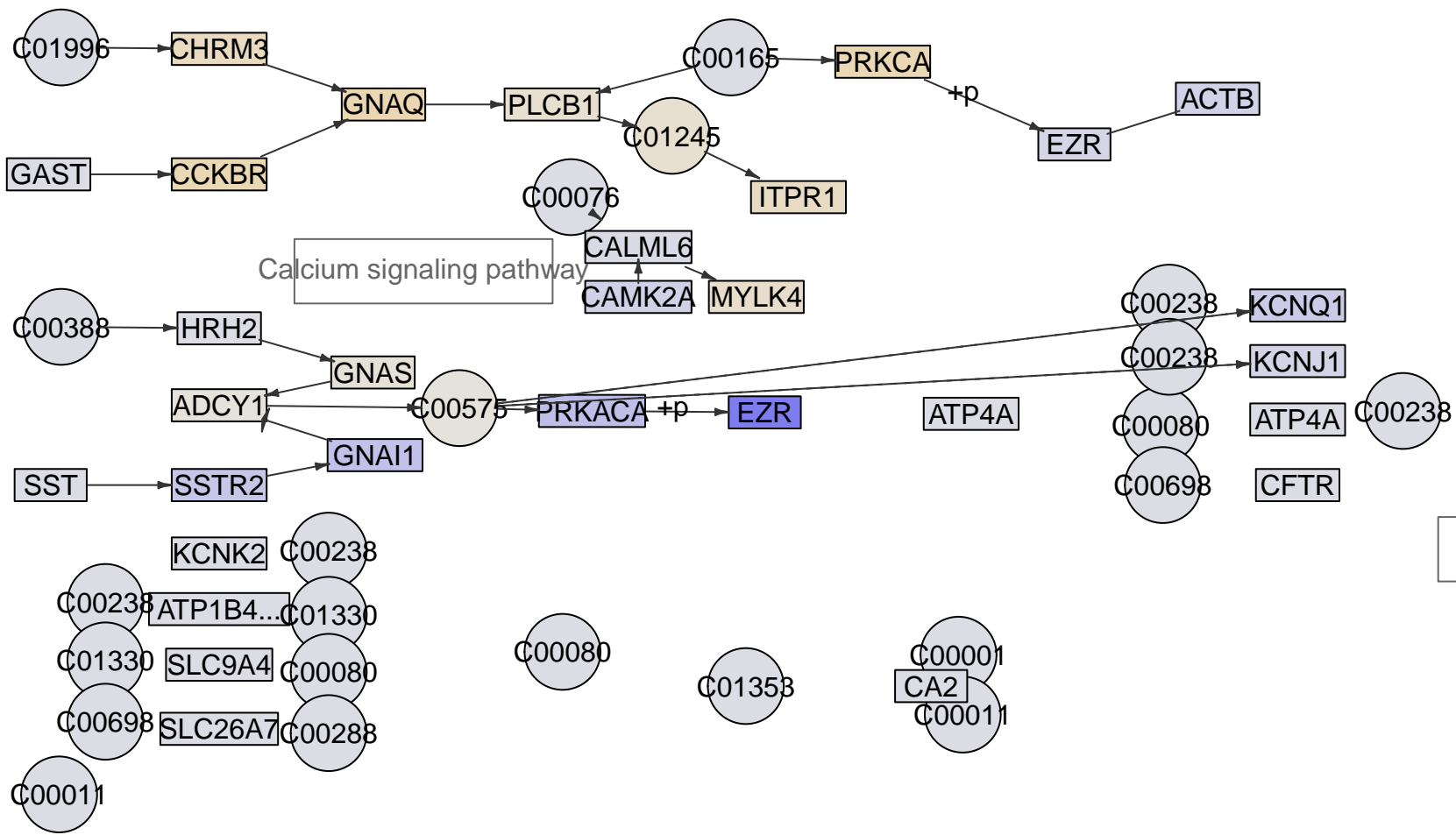
Gastric acid secretion  
MPI-069

Tight junction



Gastric acid secretion  
MPI-073

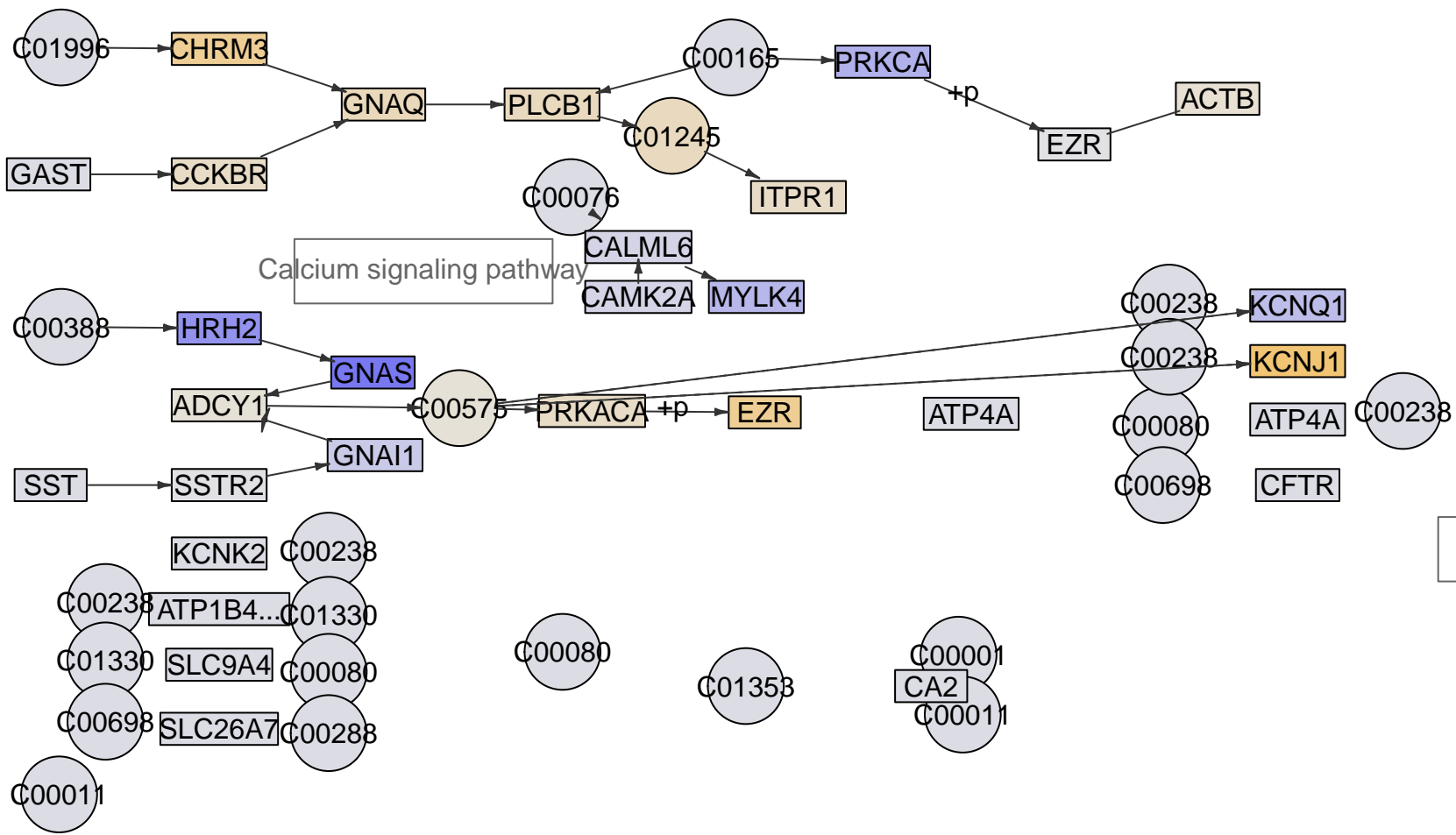
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-074

Tight junction

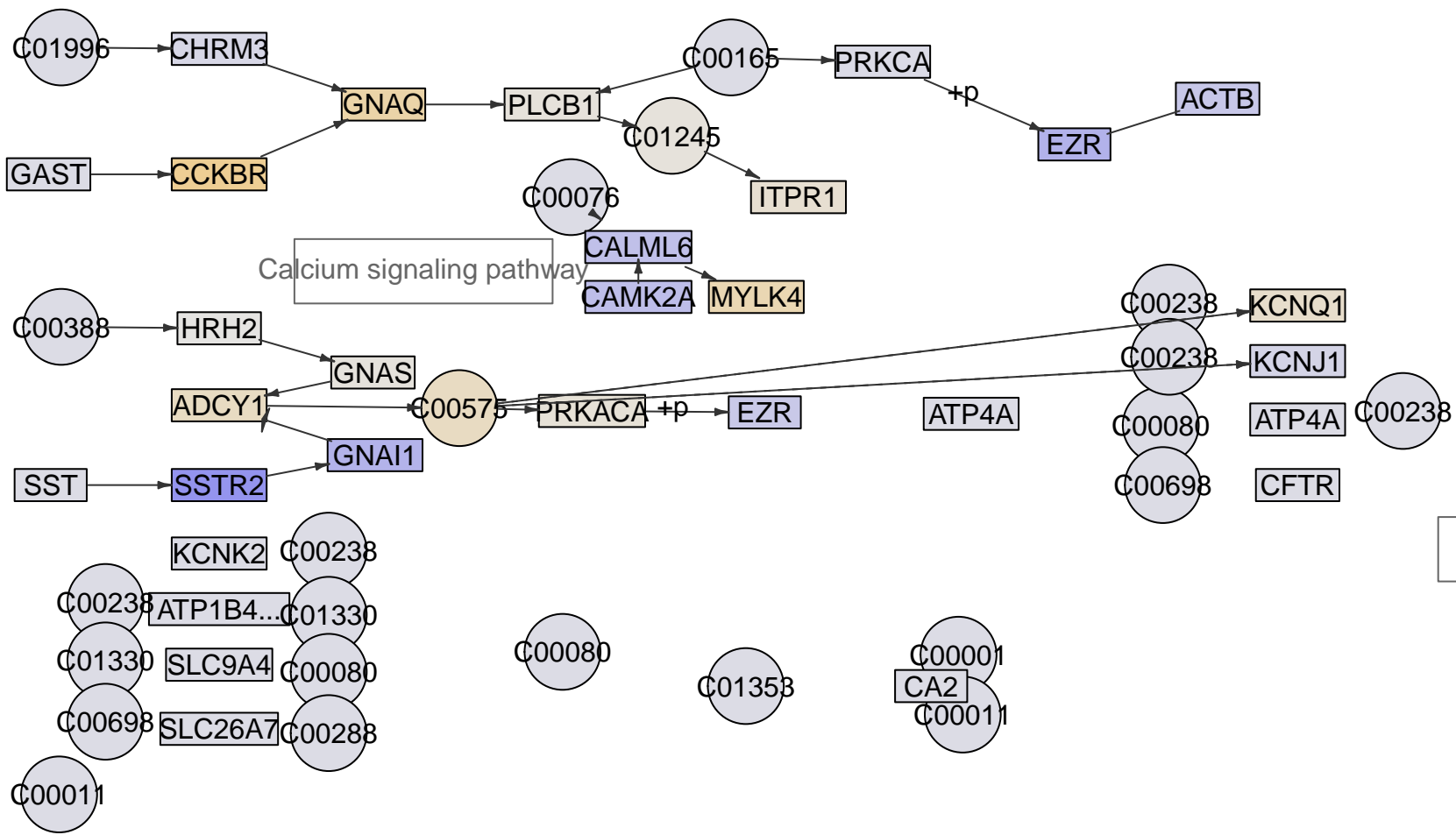




Gastric acid secretion  
MPI-083

Tight junction

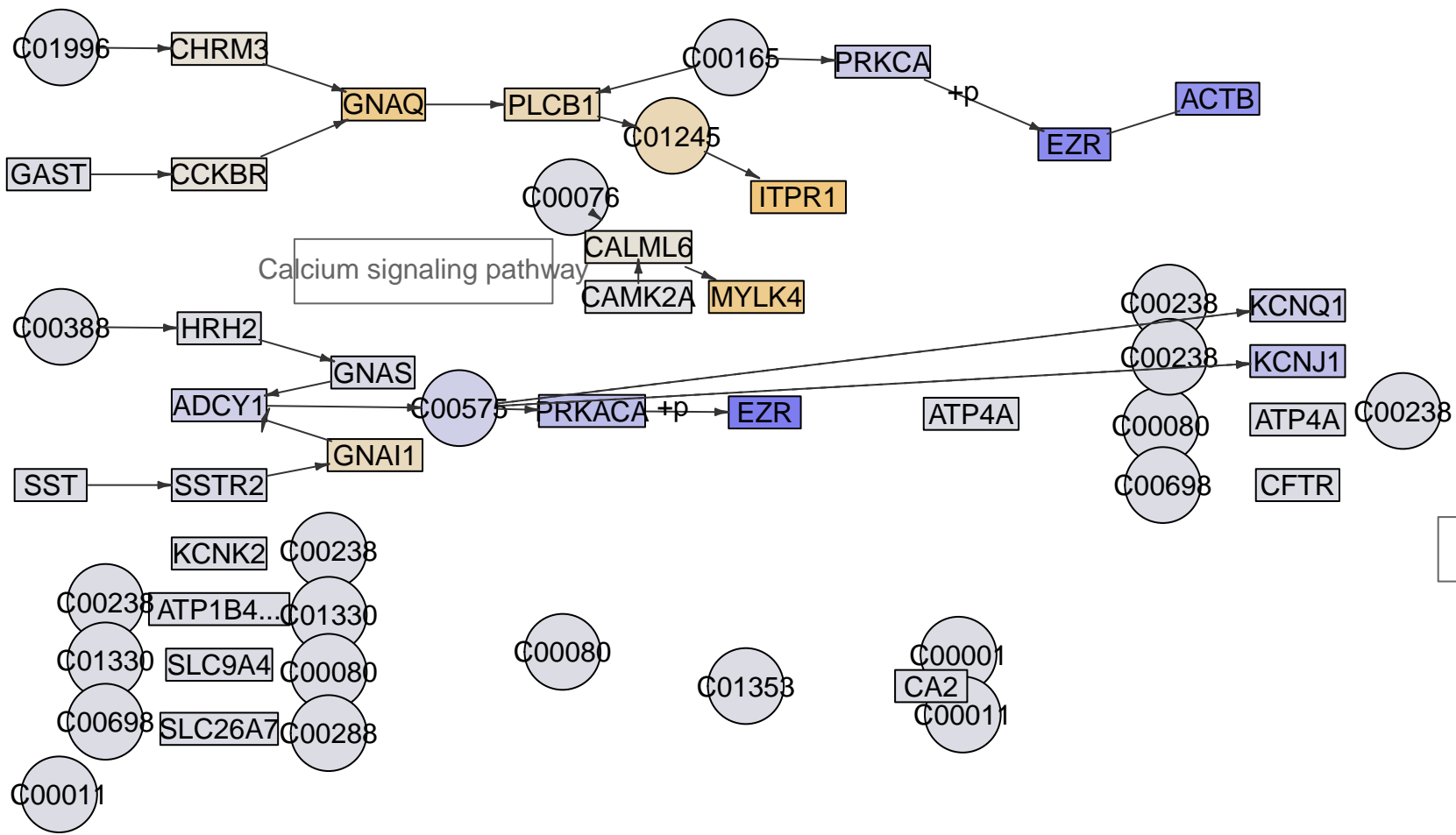
Protein digestion  
and absorption





Gastric acid secretion  
MPI-088

Tight junction

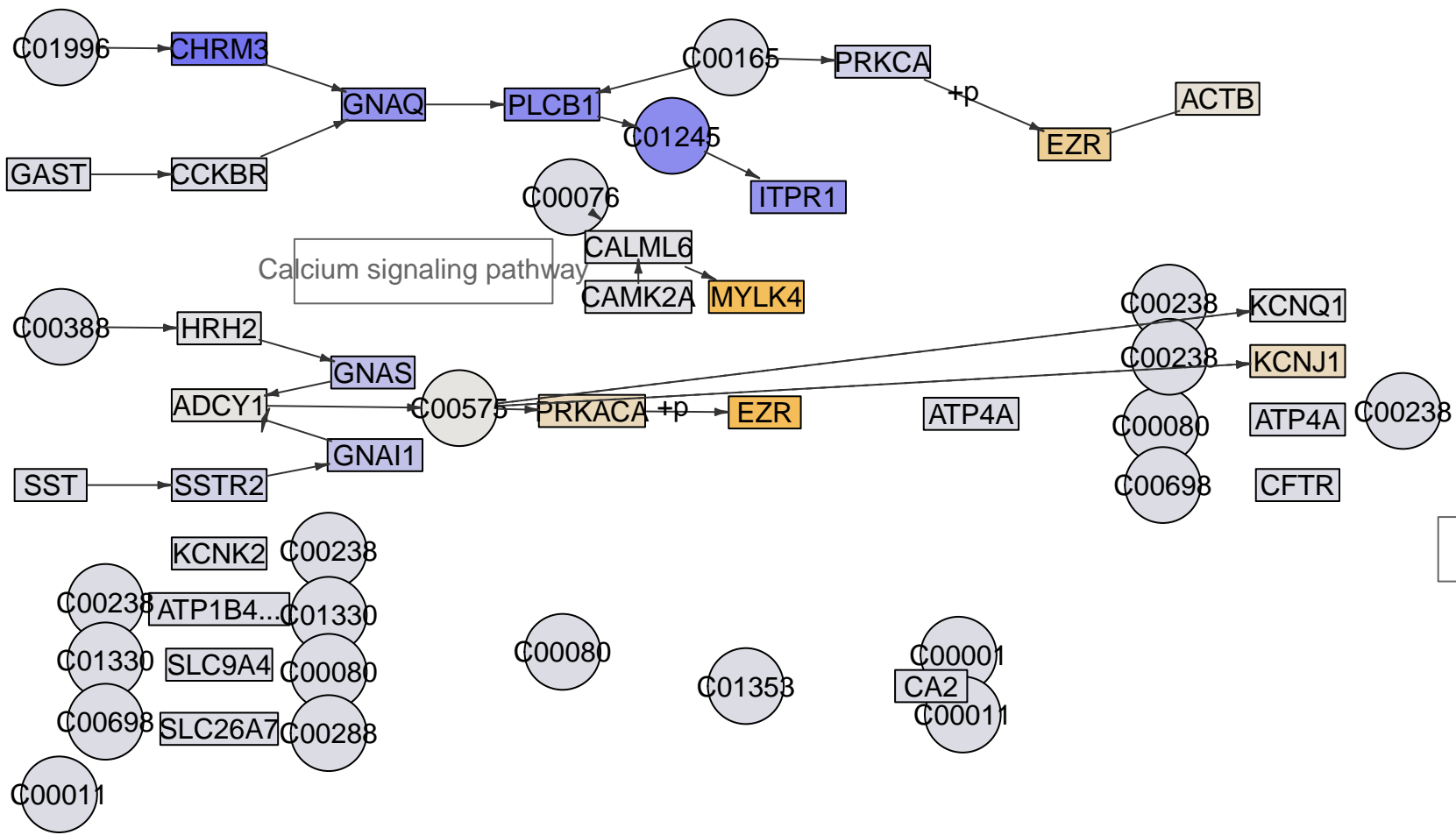


Protein digestion and absorption

Gastric acid secretion  
MPI-092

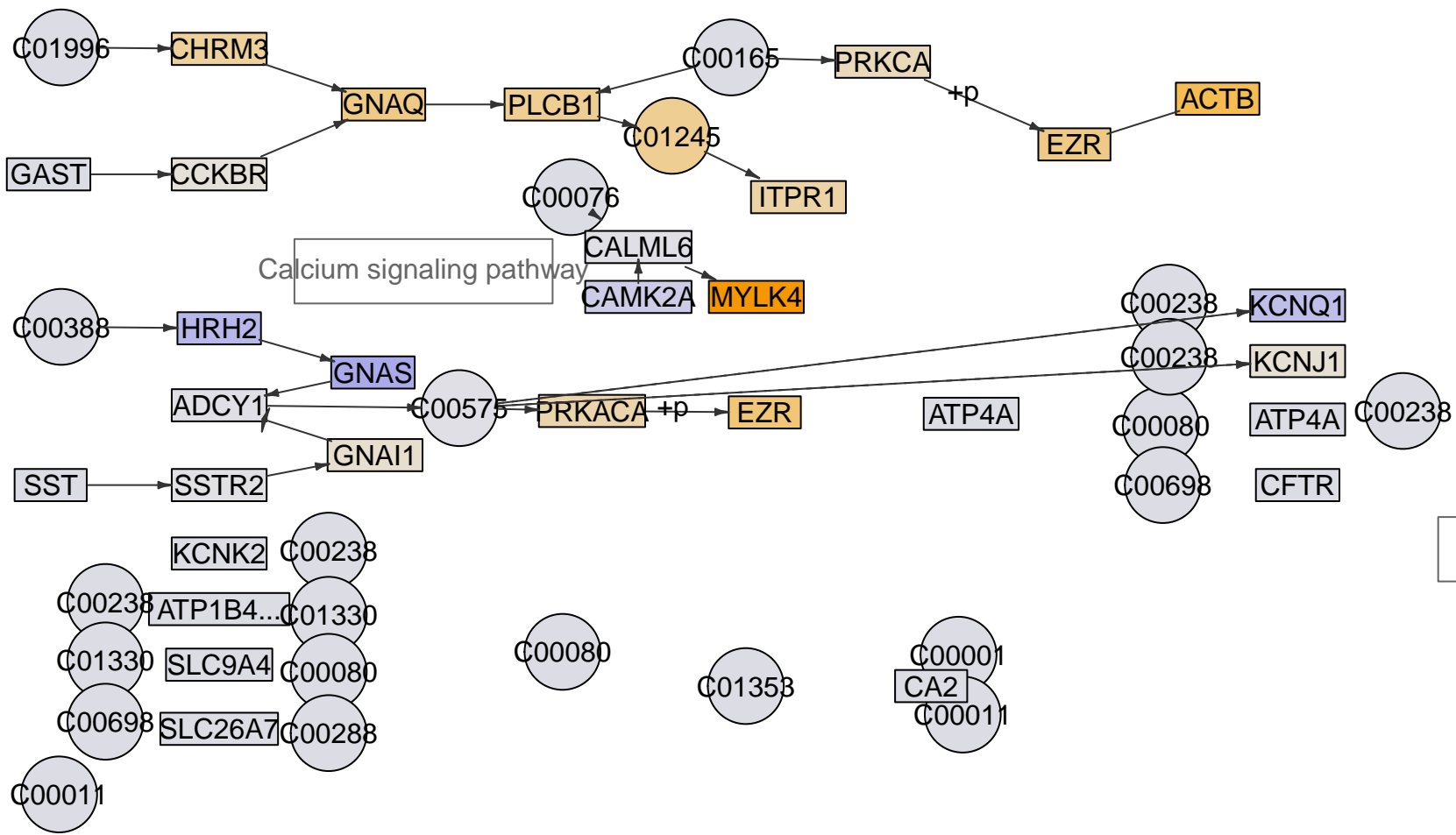
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-096

Tight junction

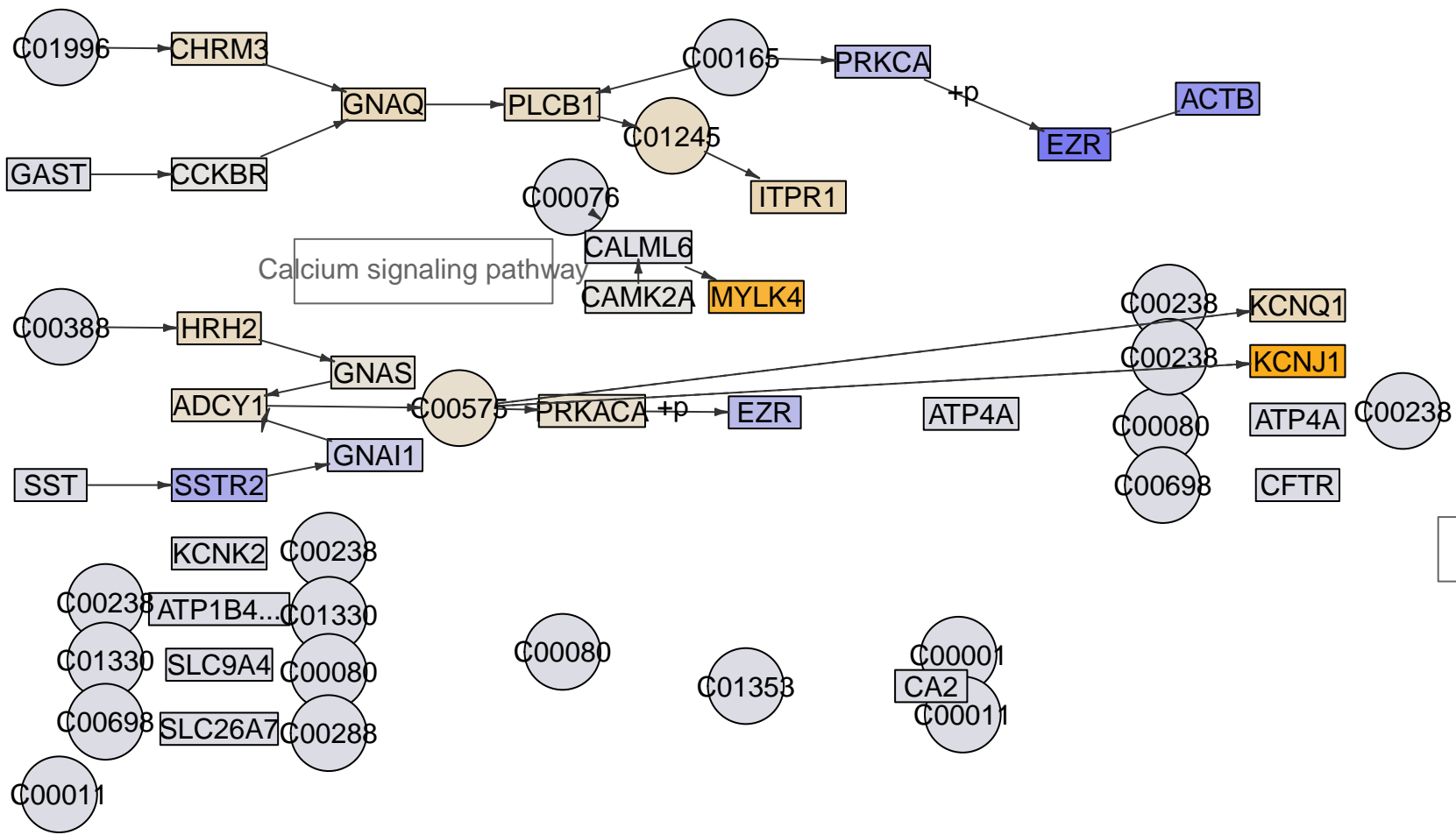


Protein digestion and absorption

Gastric acid secretion  
MPI-098

Tight junction

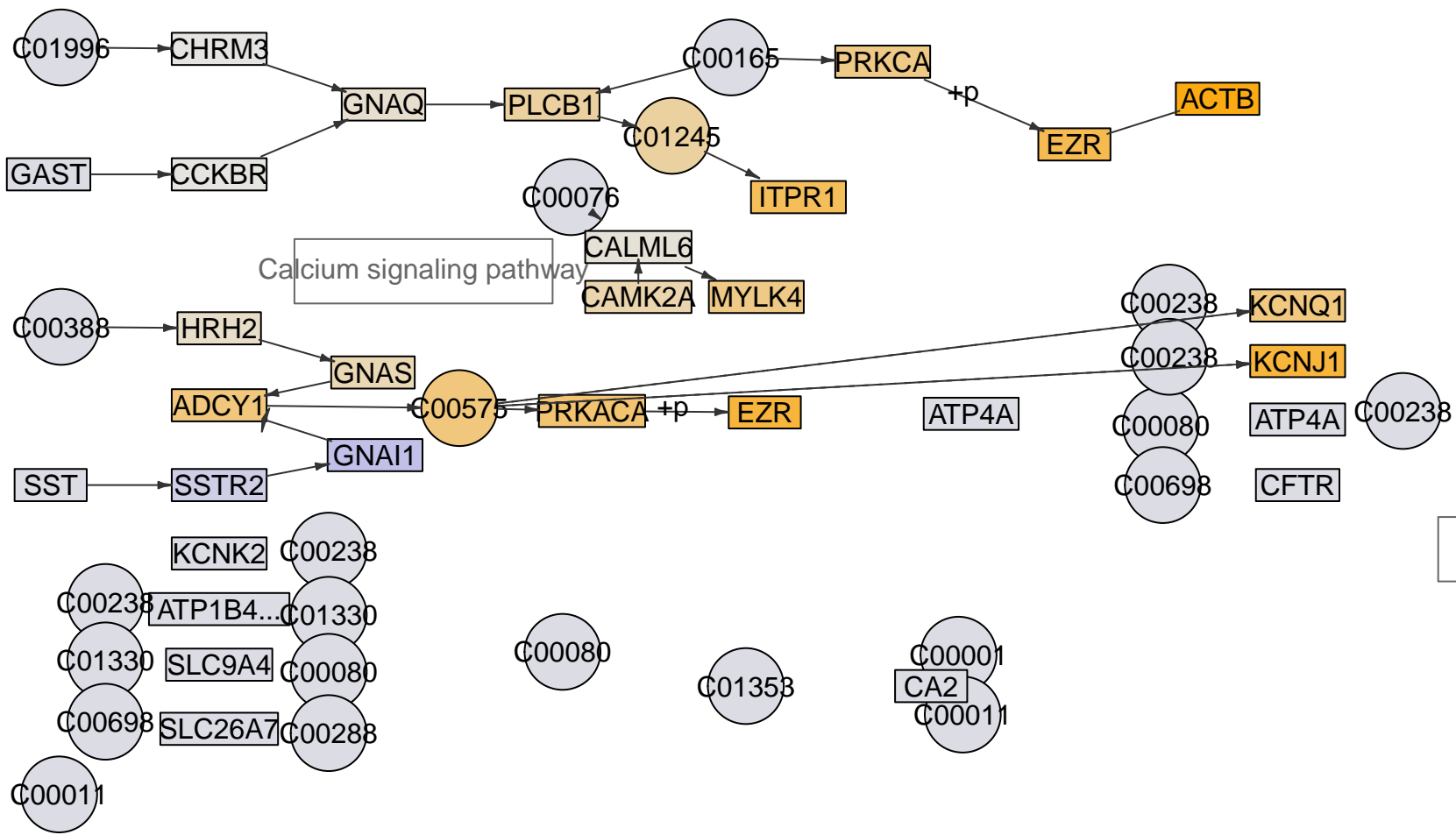
Protein digestion  
and absorption





Gastric acid secretion  
MPI-105

Tight junction

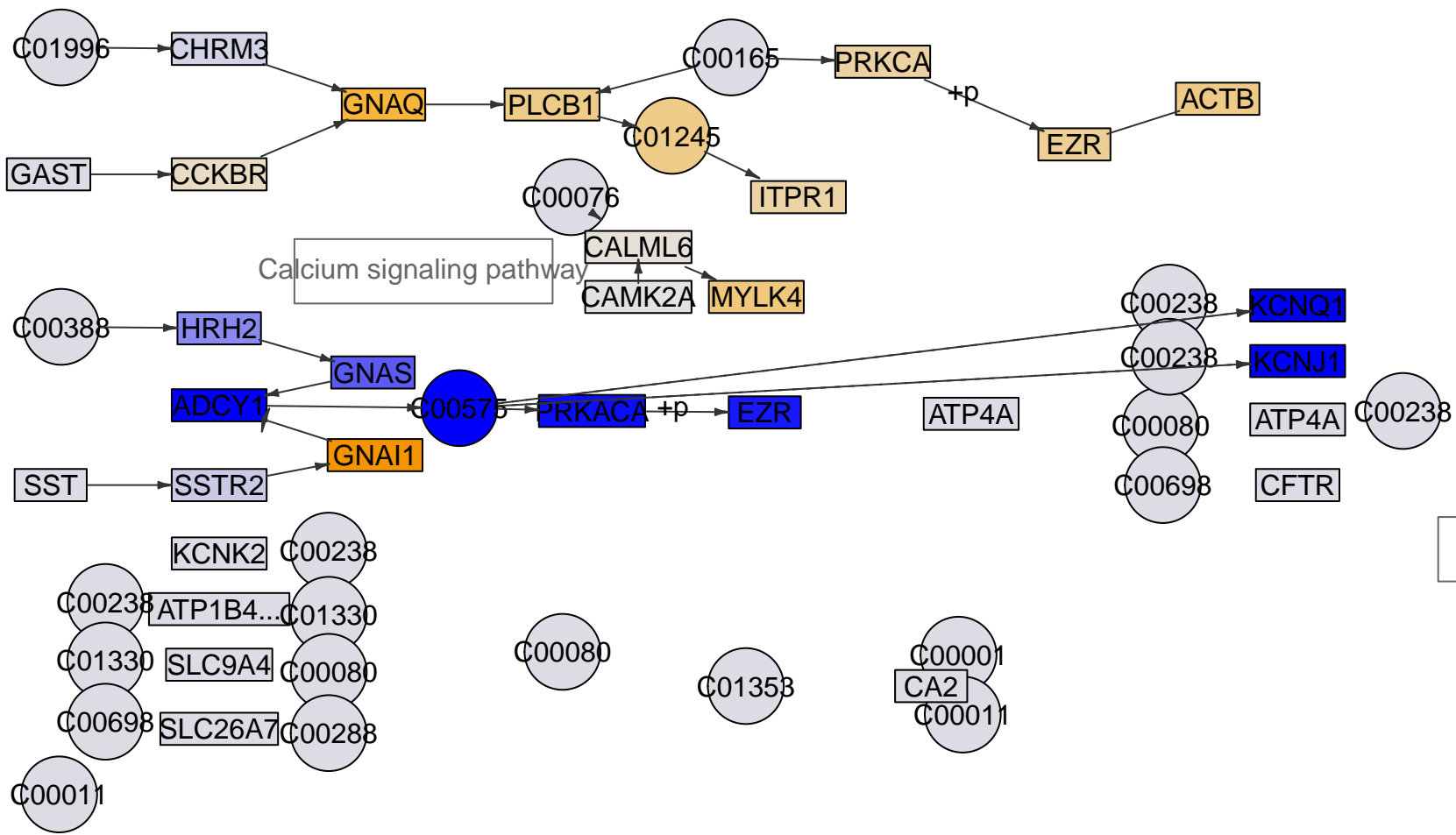


Protein digestion and absorption



Gastric acid secretion  
MPI-108

Tight junction

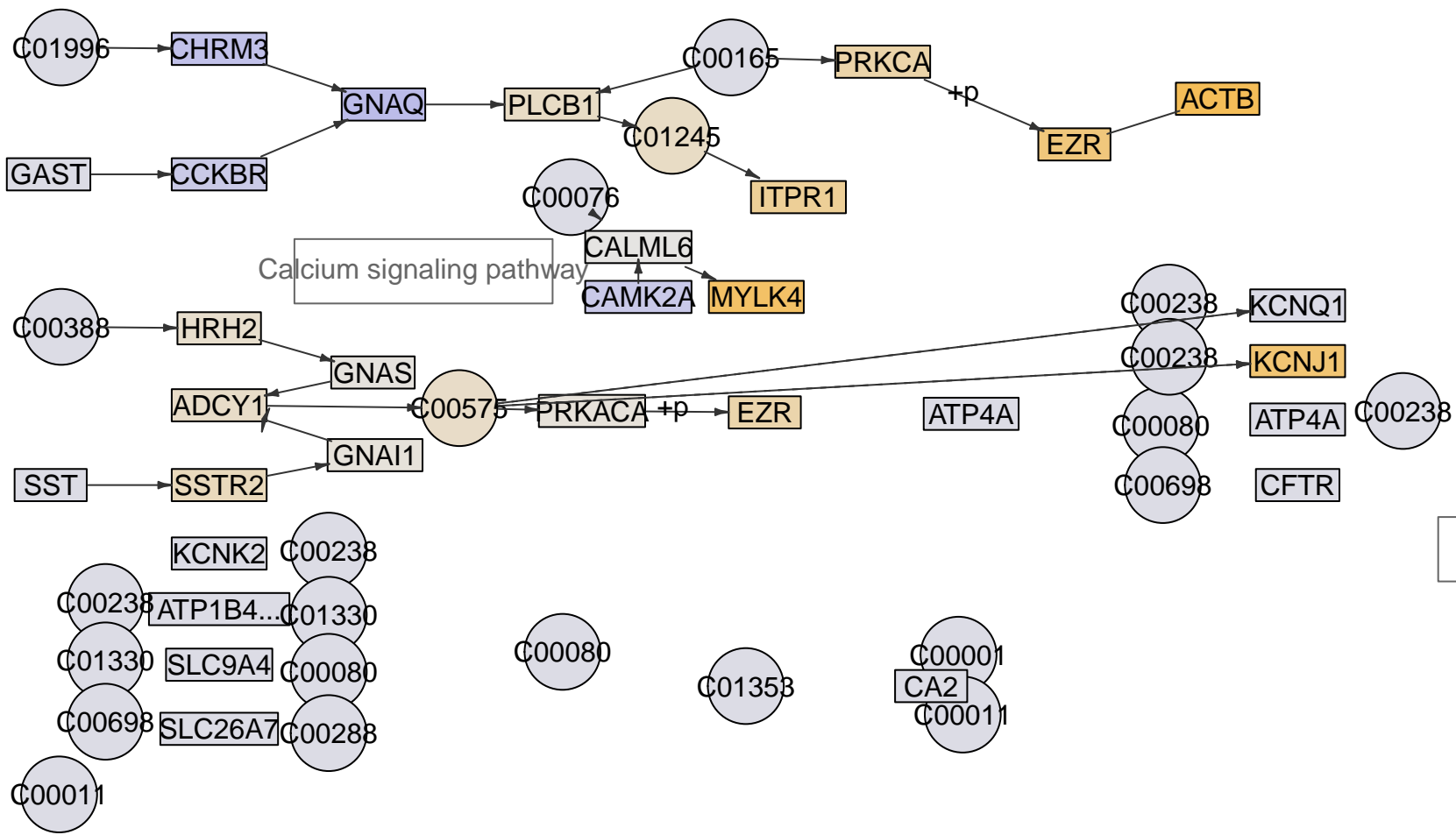


Protein digestion and absorption



Gastric acid secretion  
MPI-109

Tight junction

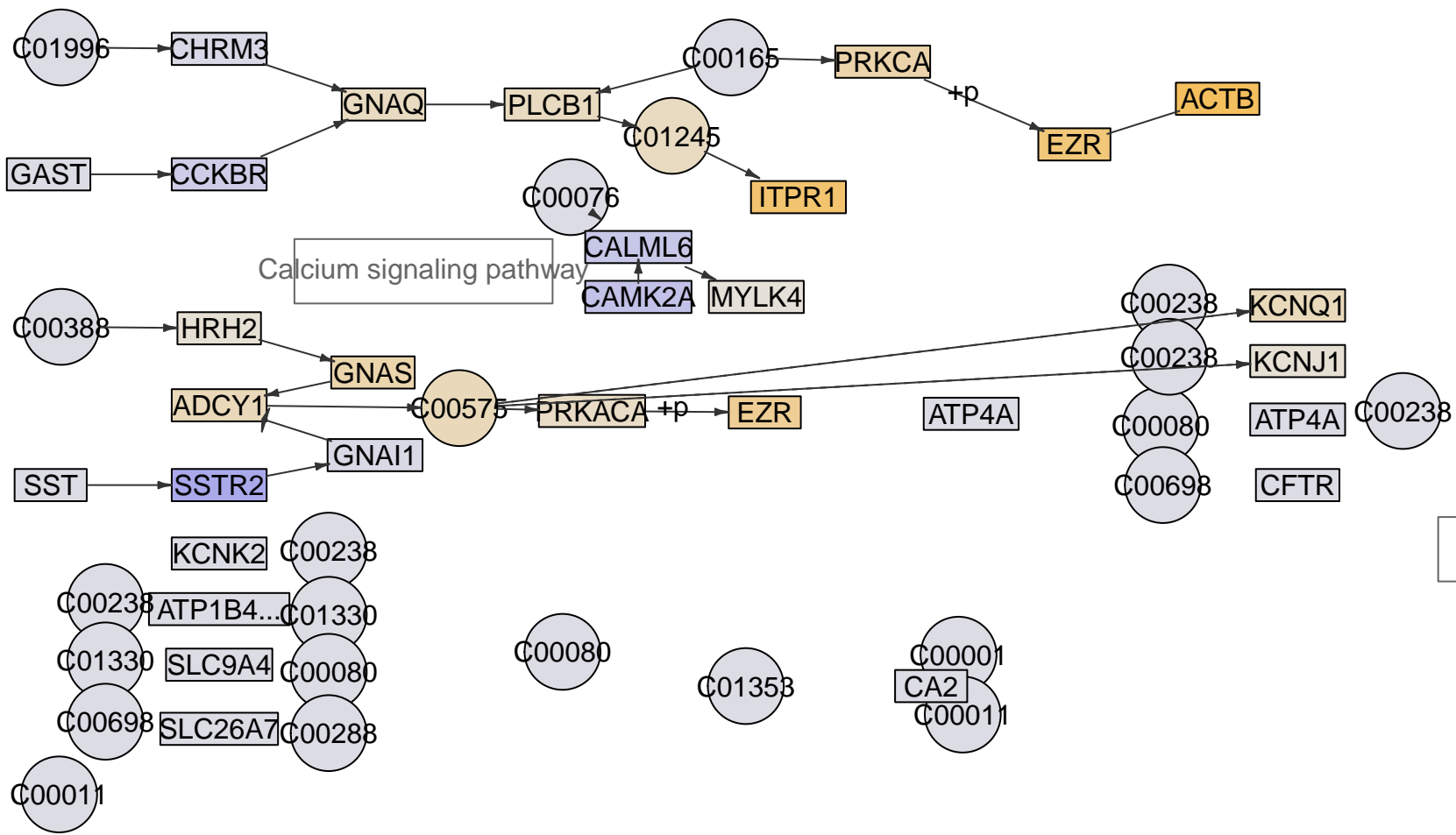


Protein digestion and absorption

Gastric acid secretion  
MPI-110

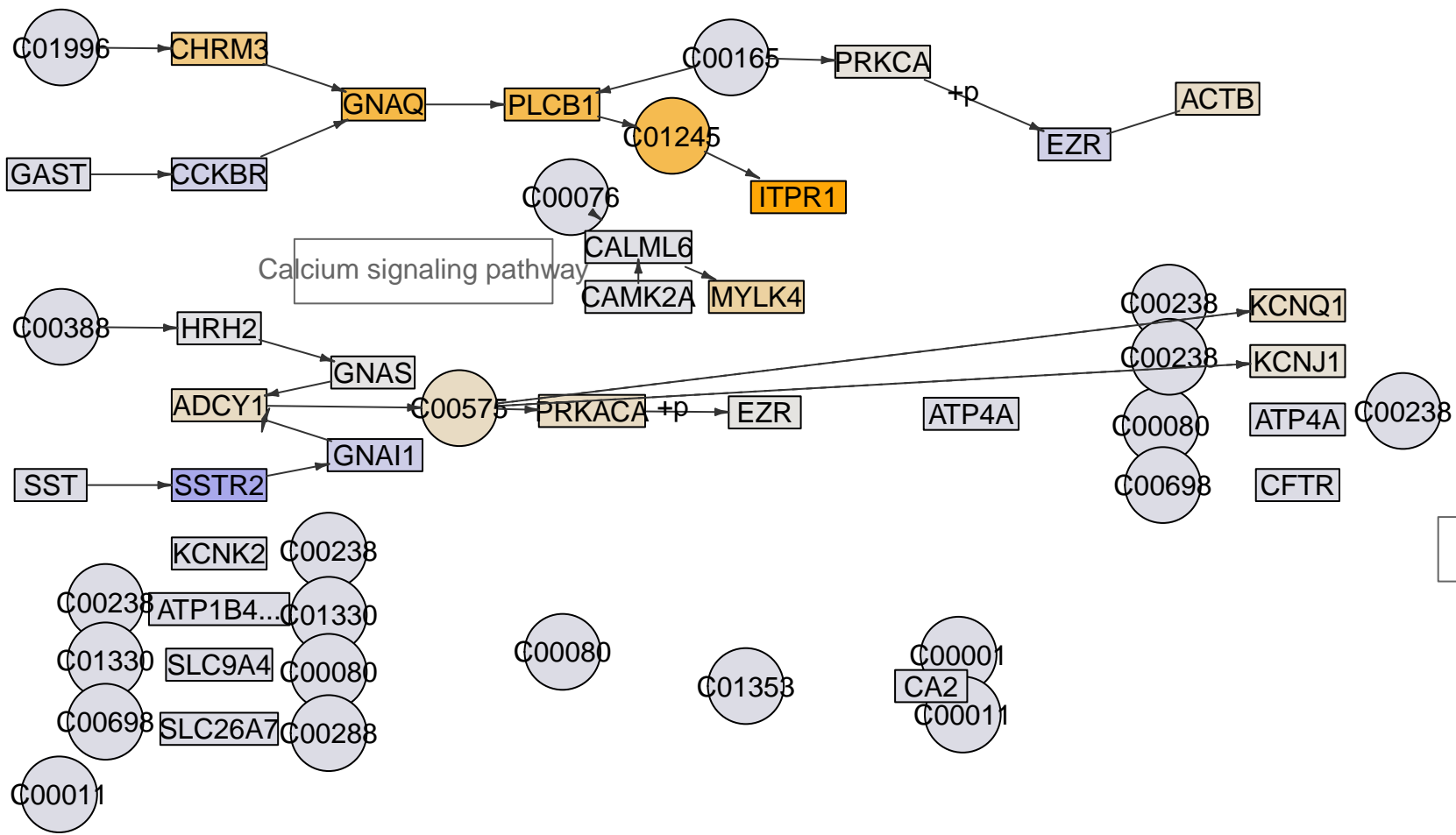
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-111

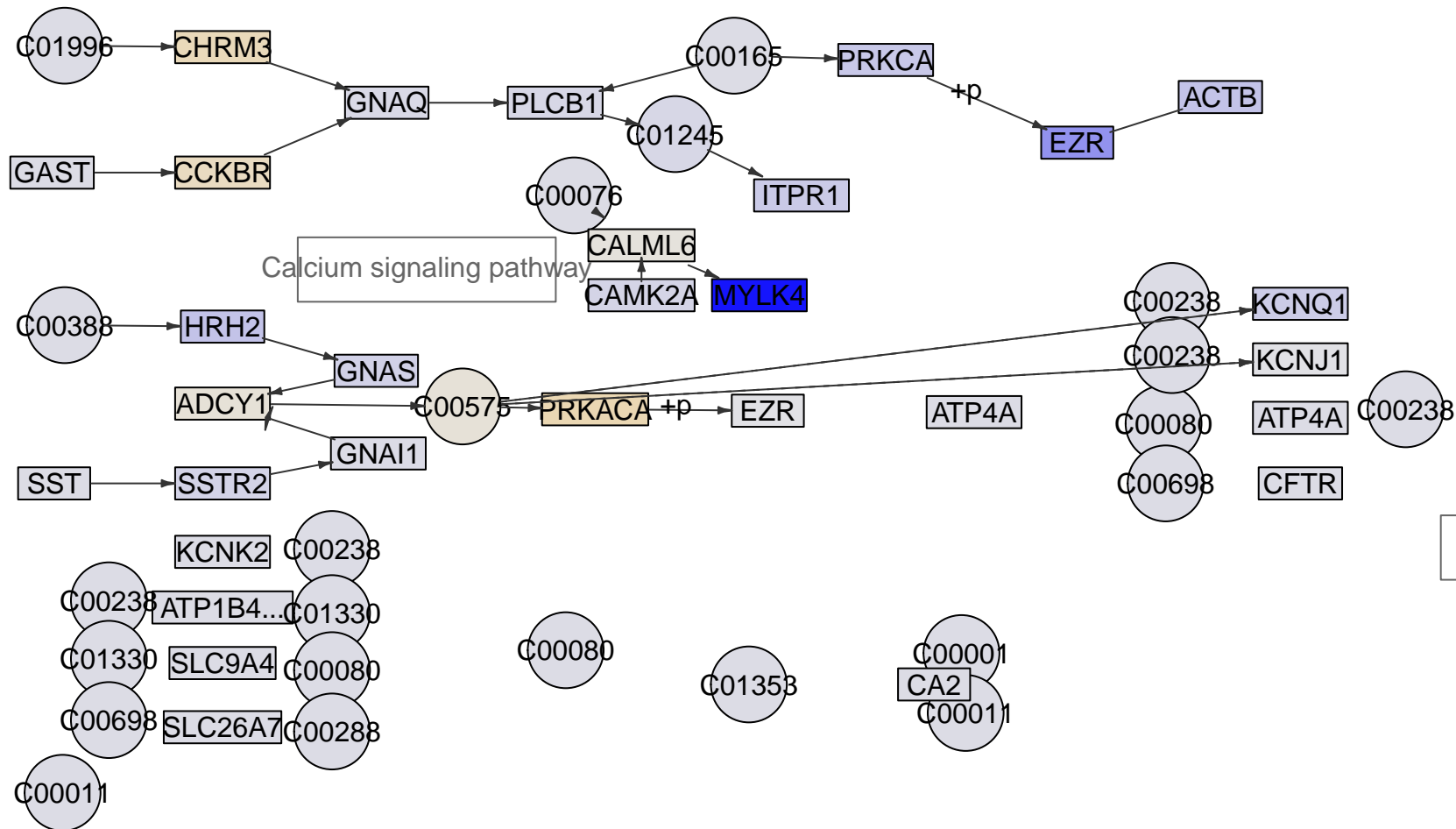
Tight junction



Protein digestion and absorption

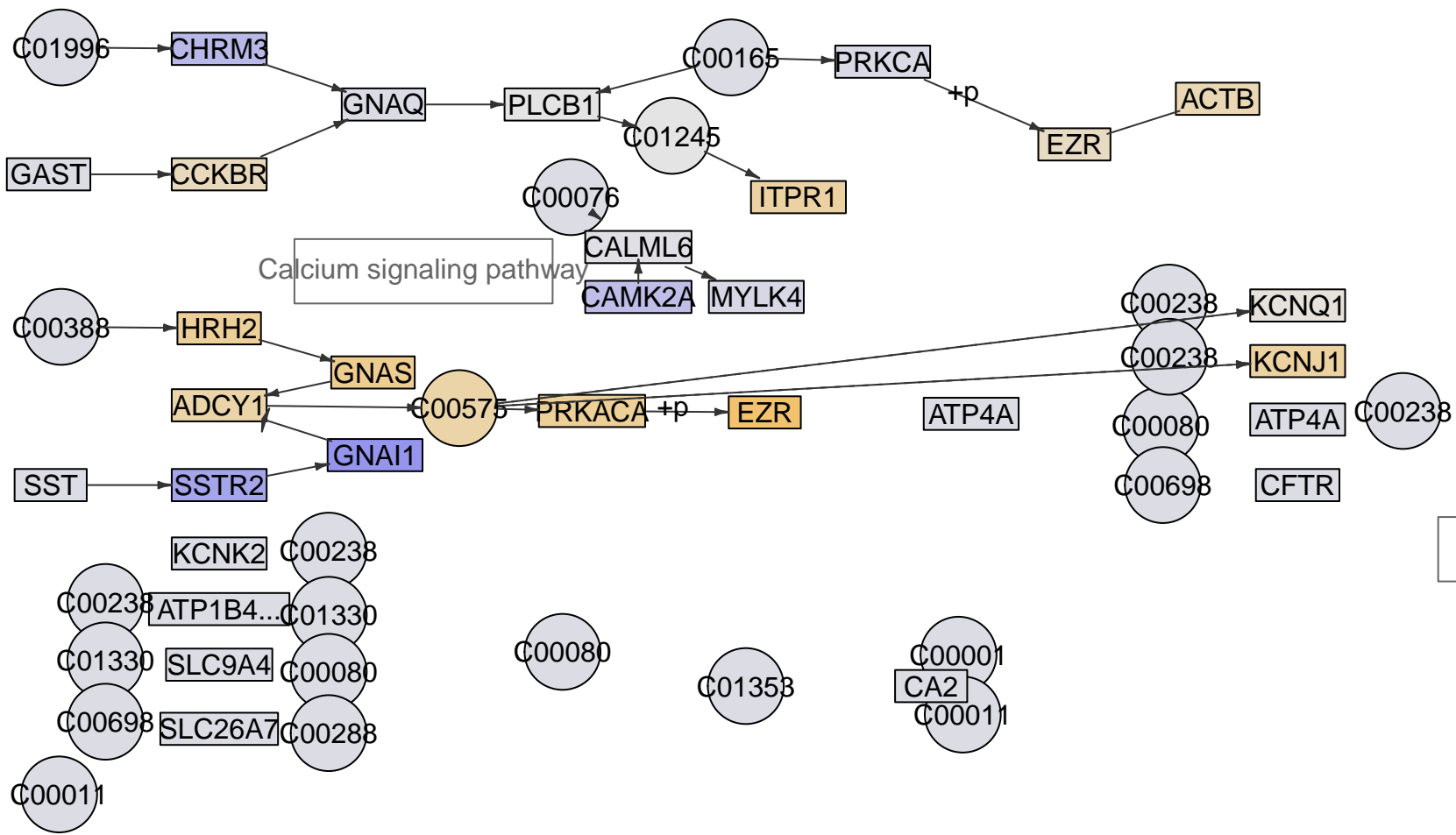
Gastric acid secretion  
MPI-113

Tight junction



Gastric acid secretion  
MPI-115

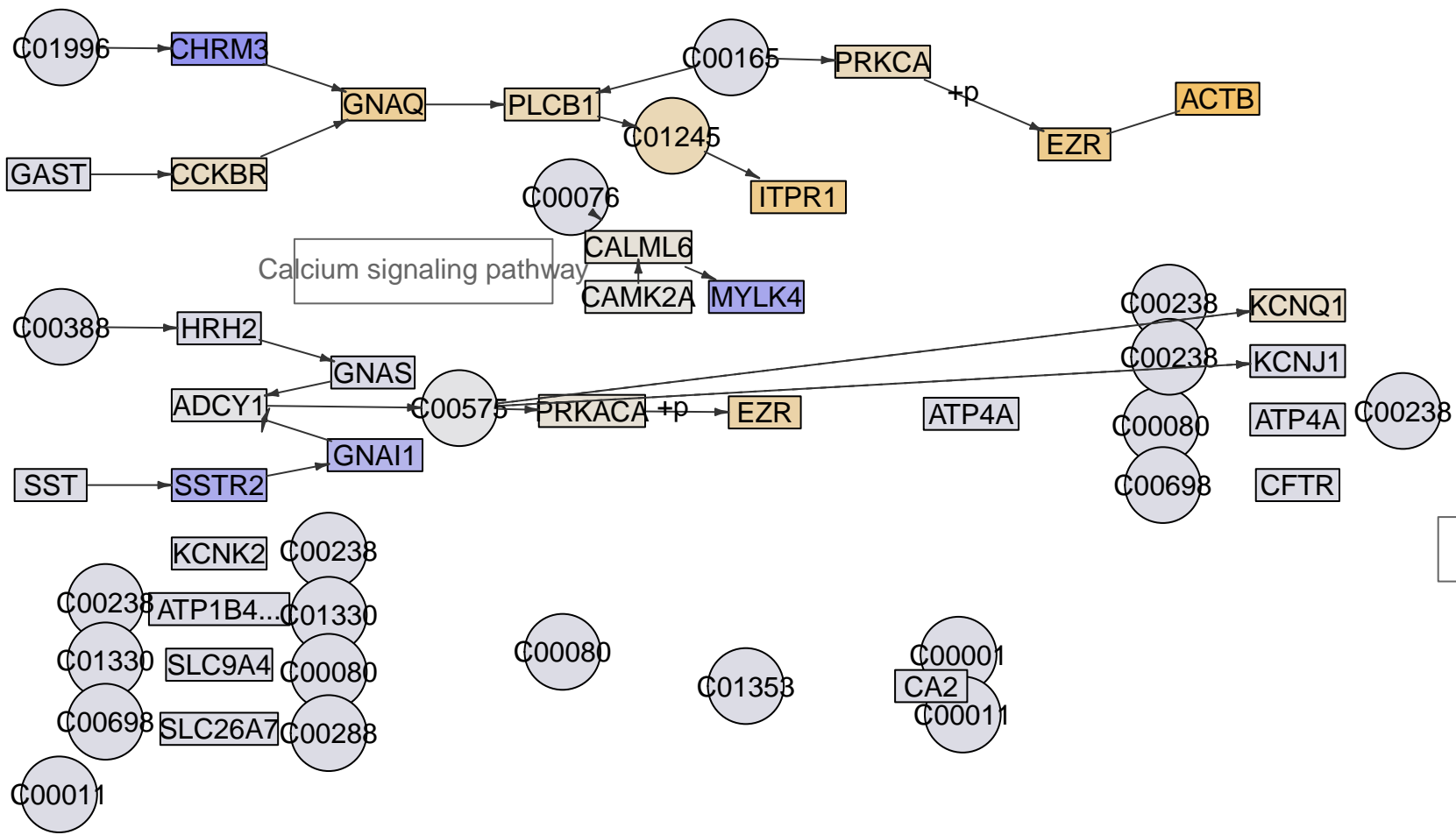
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-118

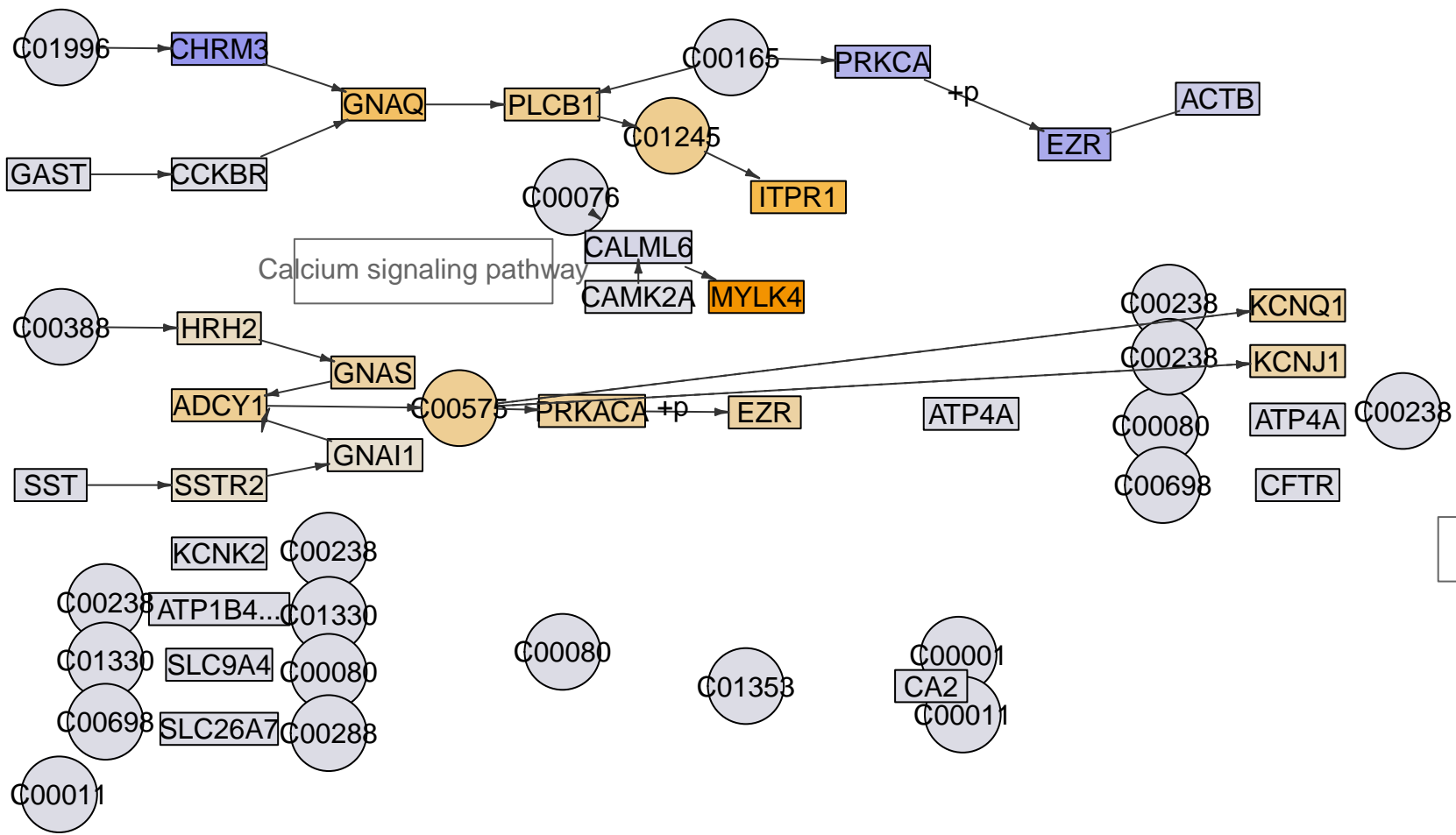
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-119

Tight junction



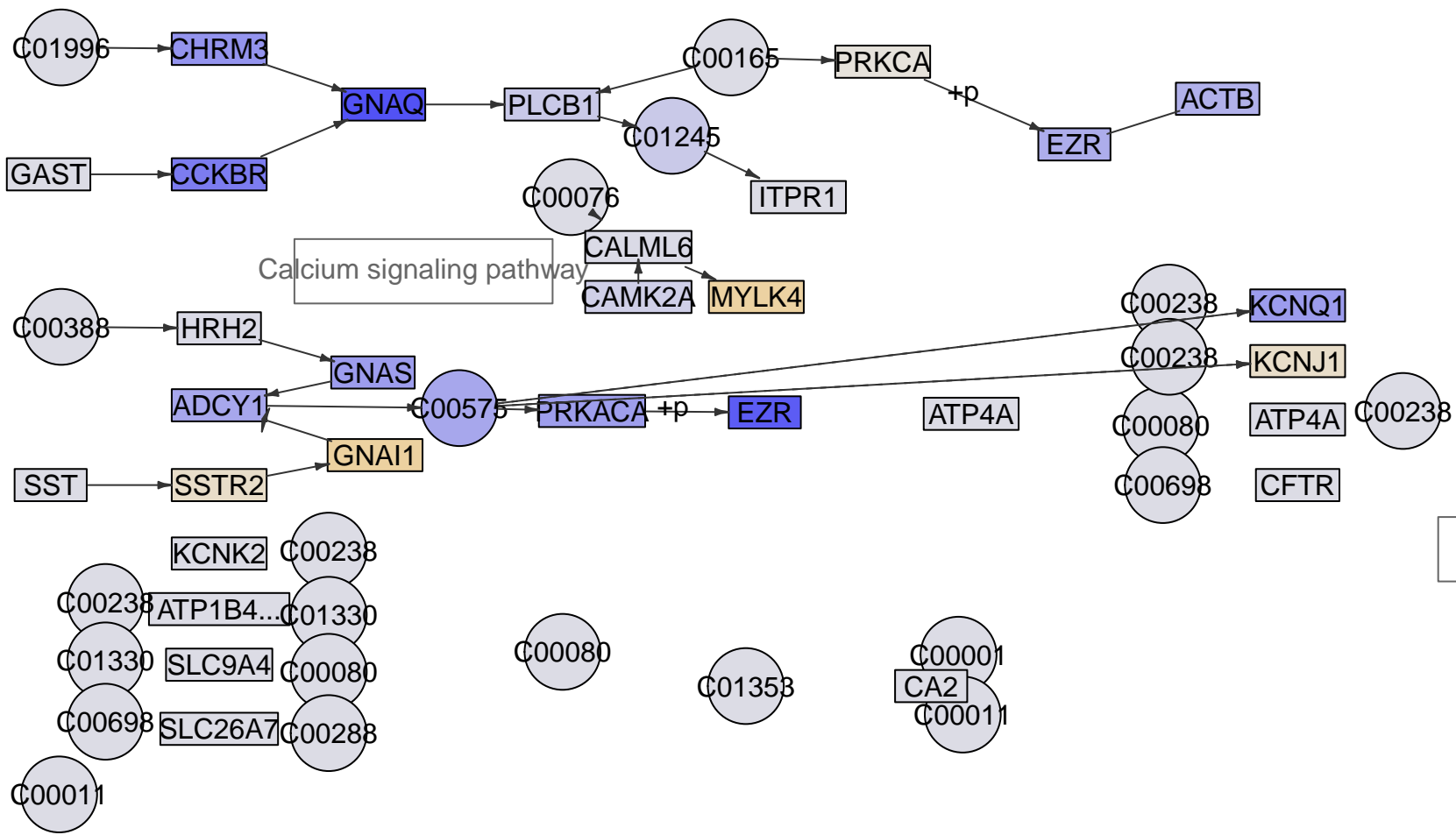
Protein digestion and absorption





Gastric acid secretion  
MPI-127

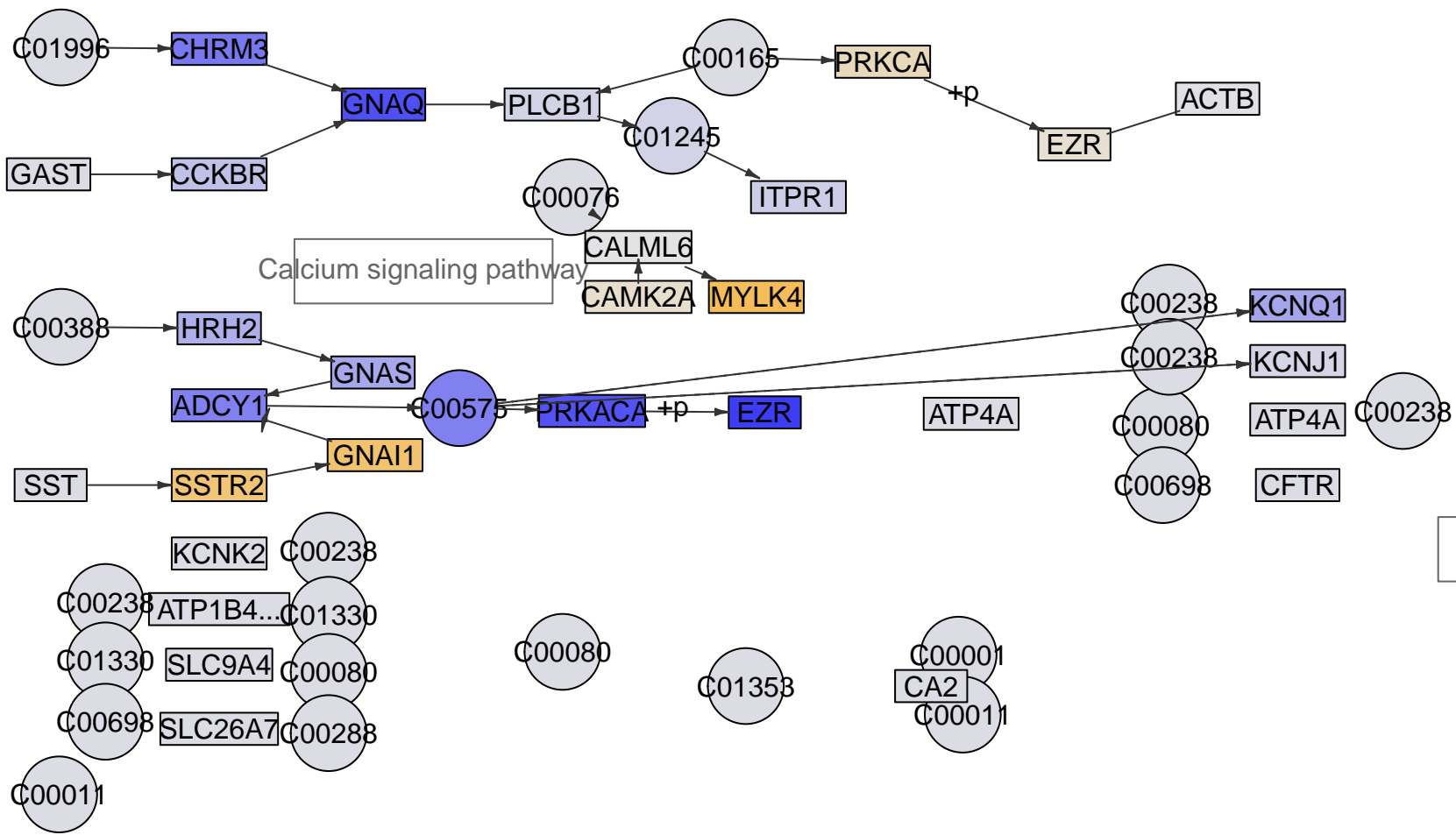
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-128

Tight junction



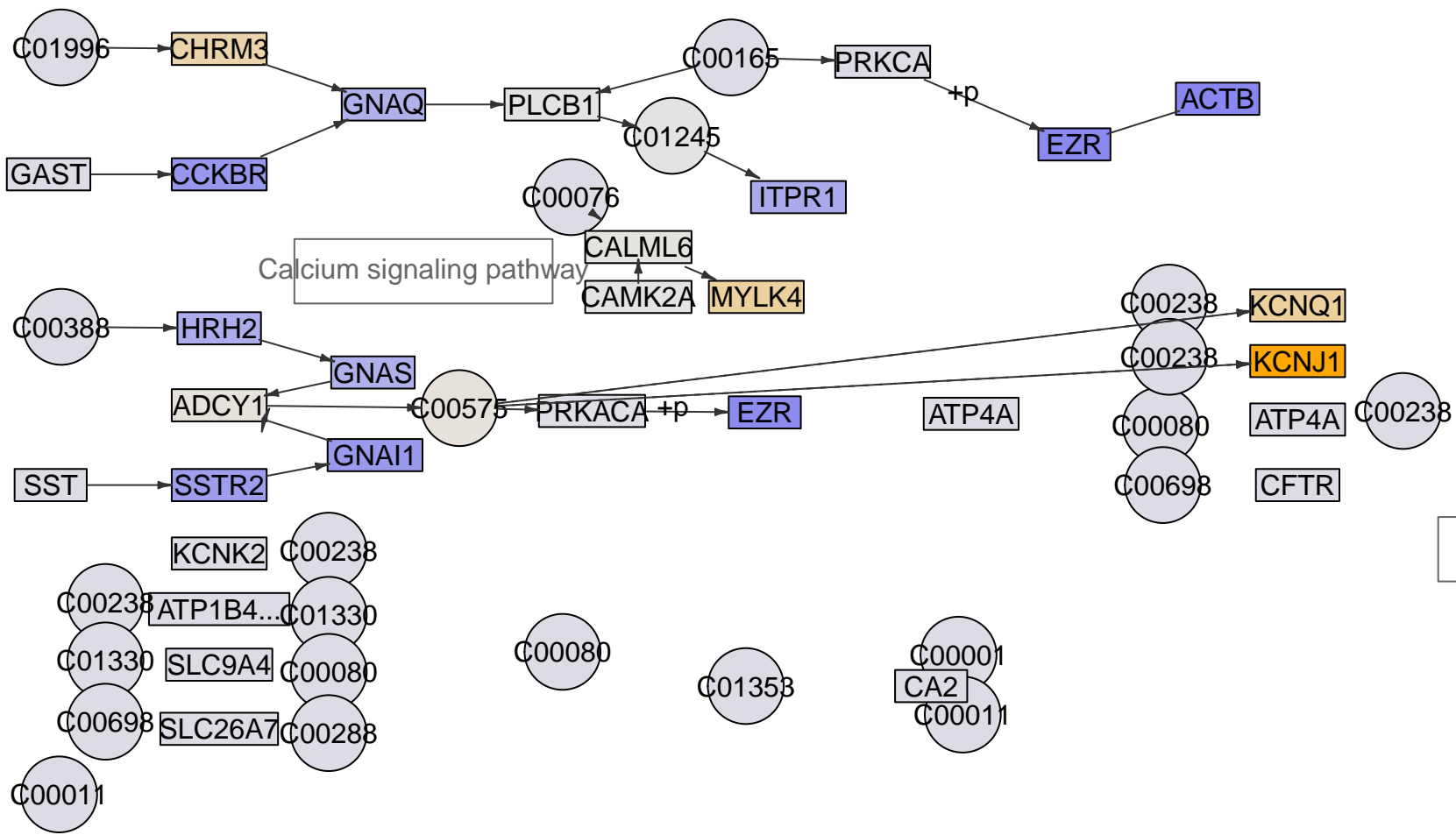
Calcium signaling pathway

Protein digestion and absorption



Gastric acid secretion  
MPI-130

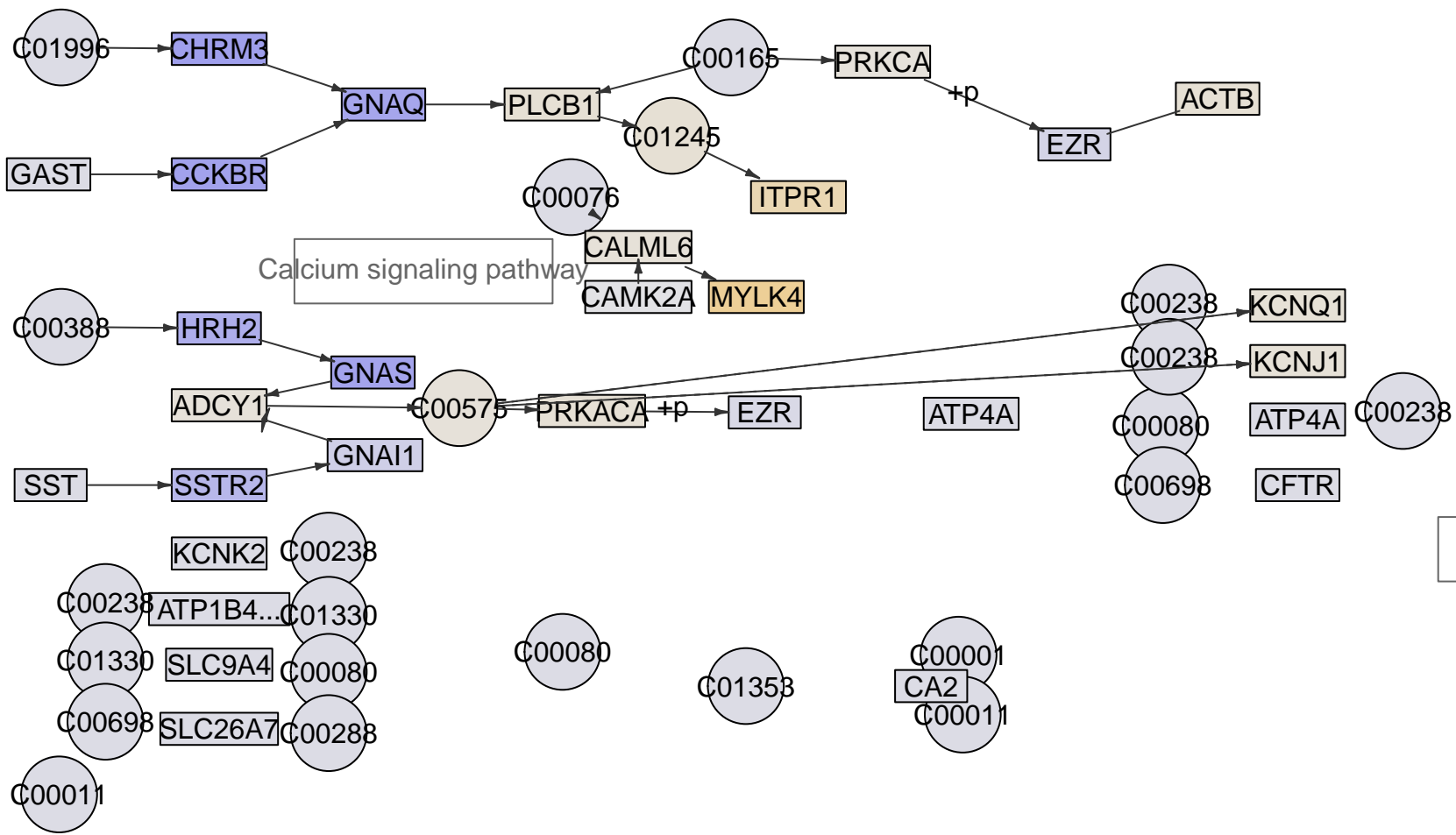
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-132

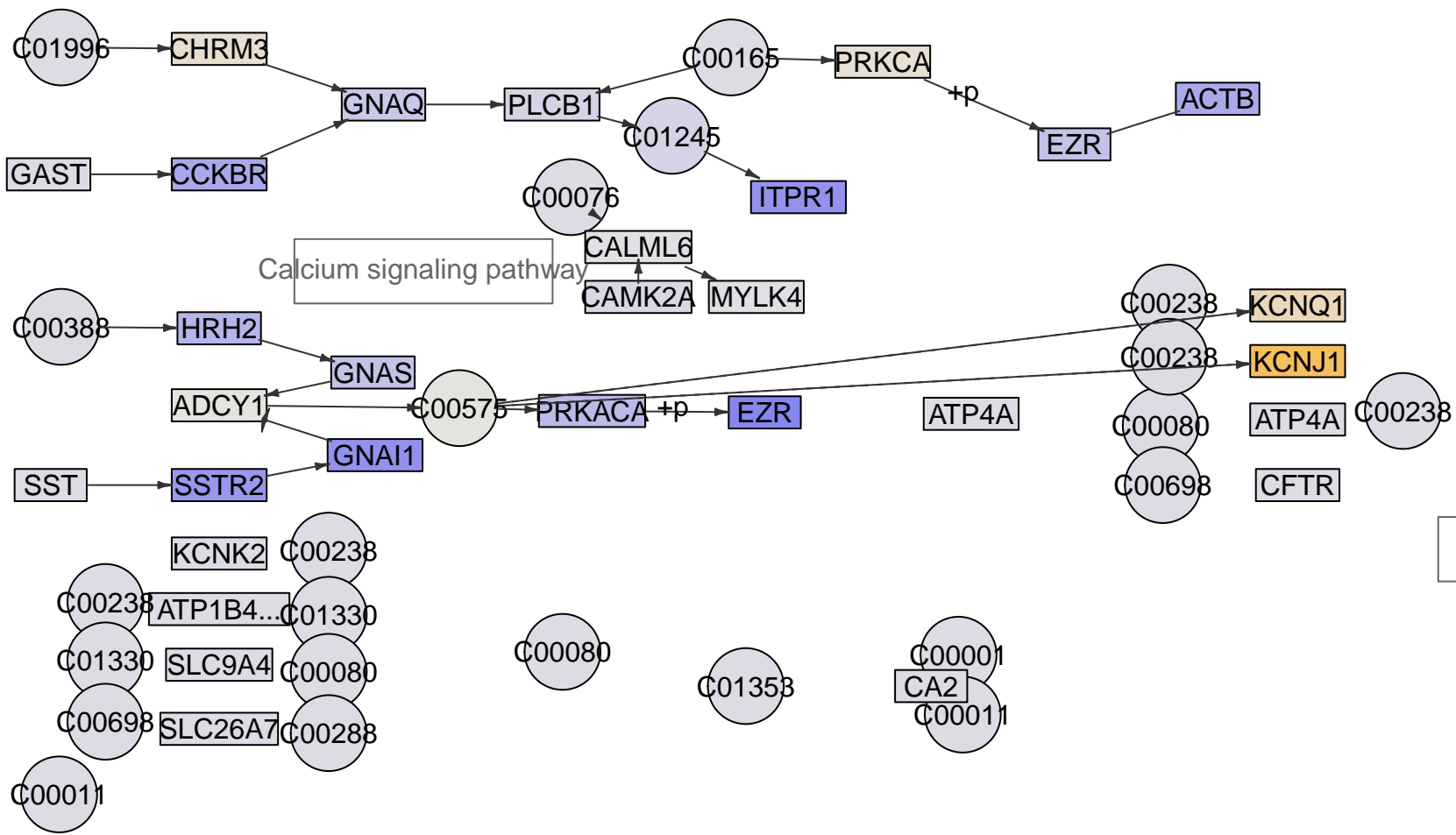
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-133

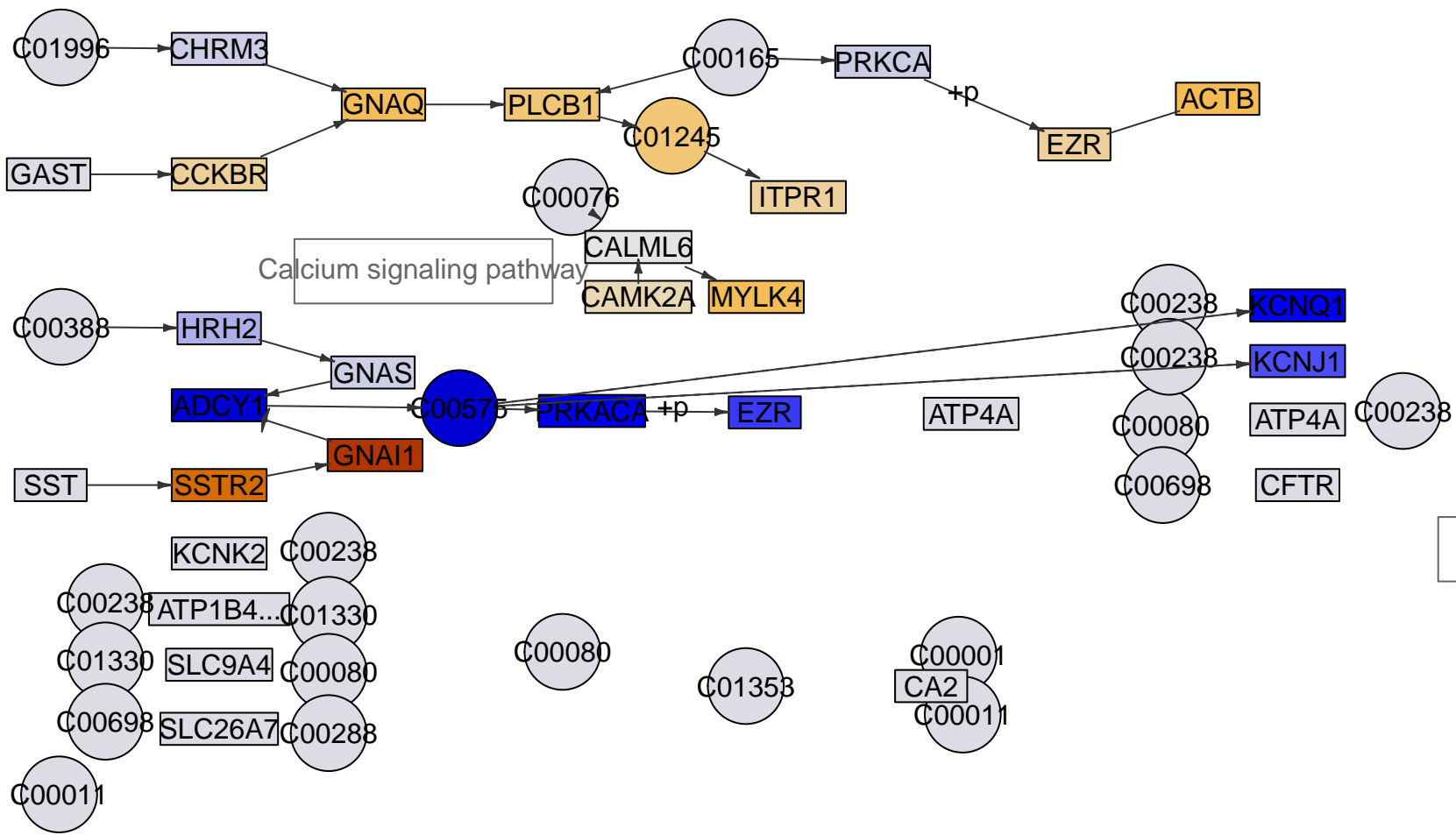
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-134

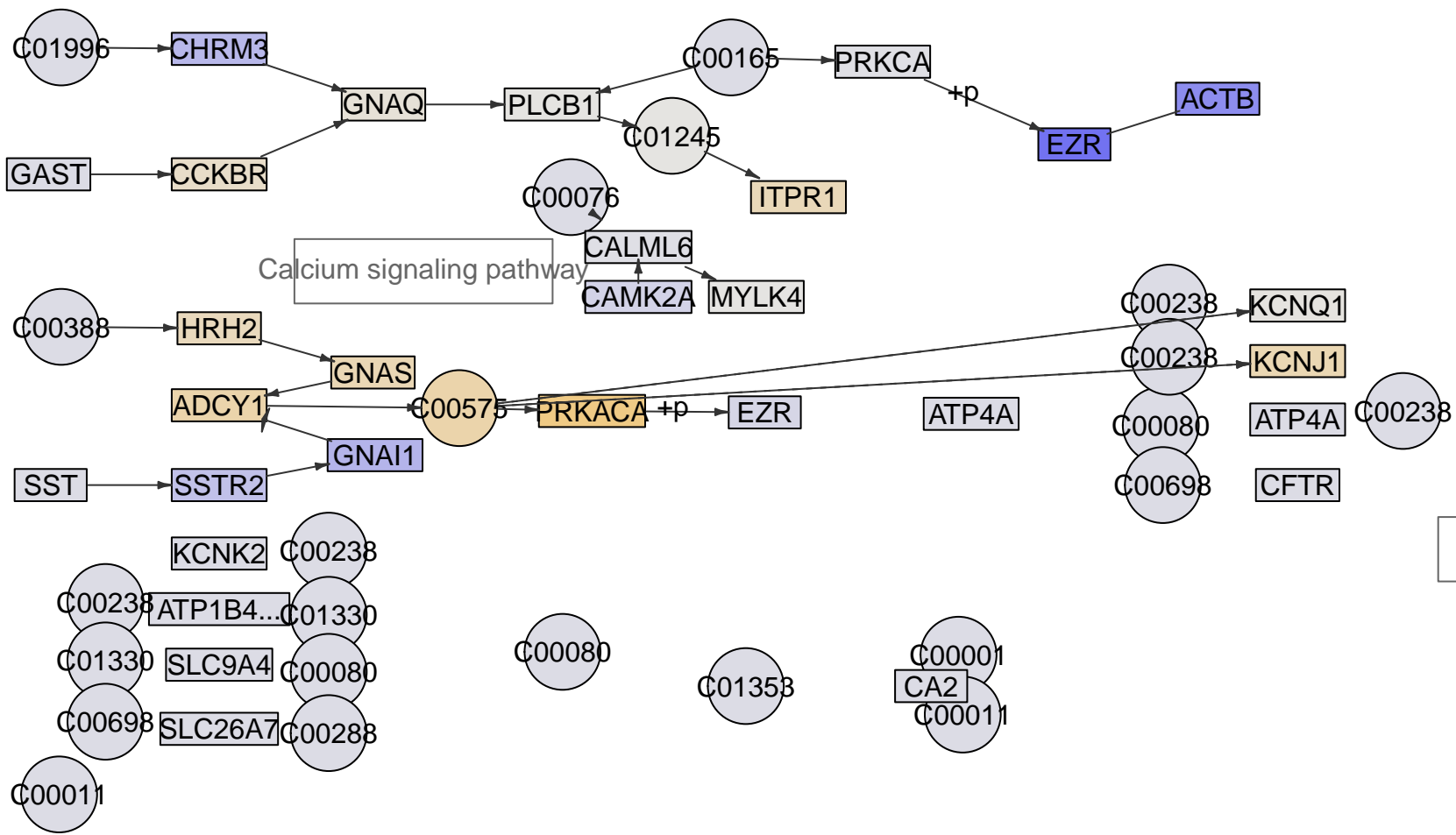
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-135

Tight junction

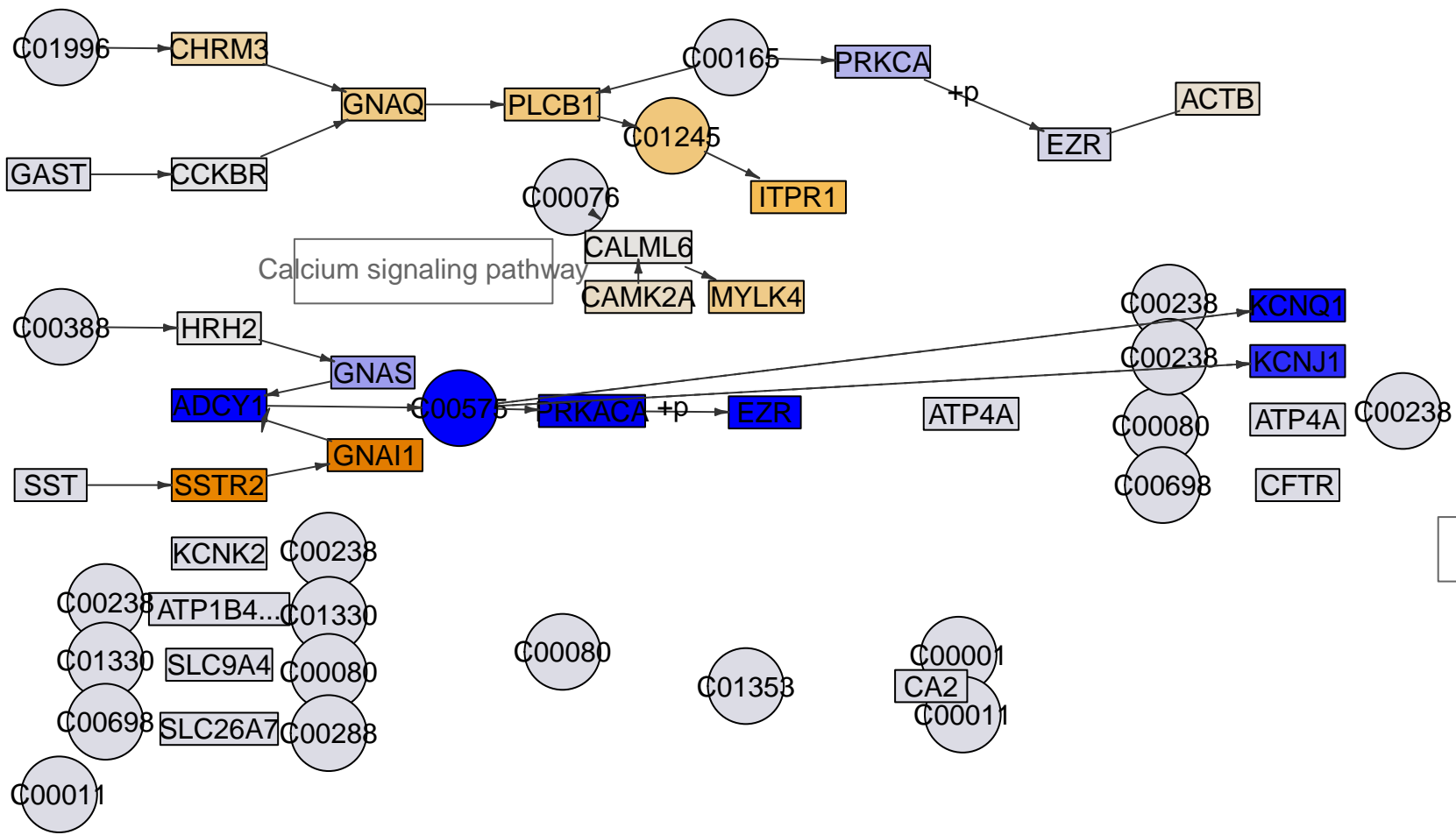


Protein digestion and absorption



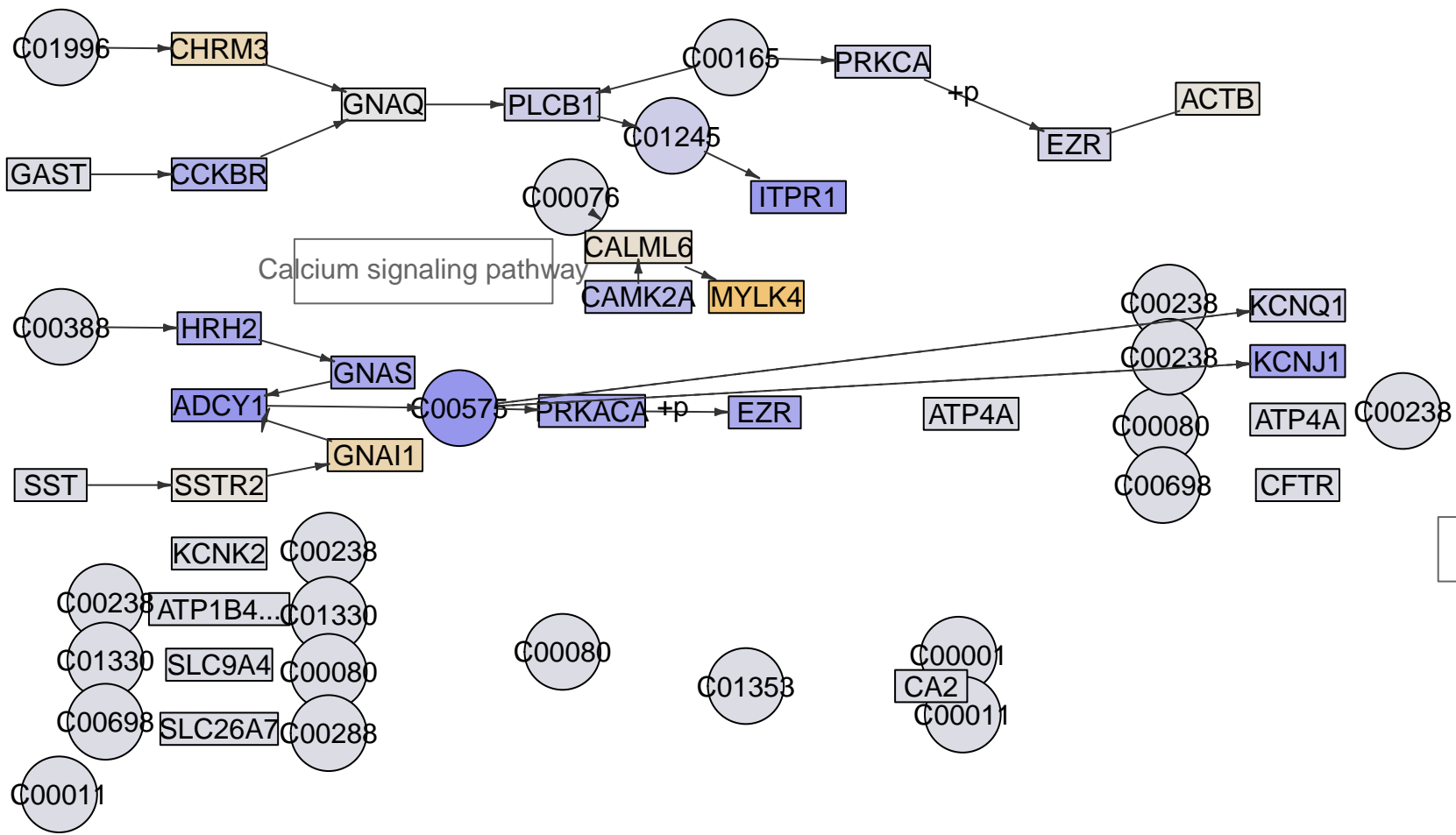
Gastric acid secretion  
MPI-136

Tight junction



Gastric acid secretion  
MPI-141

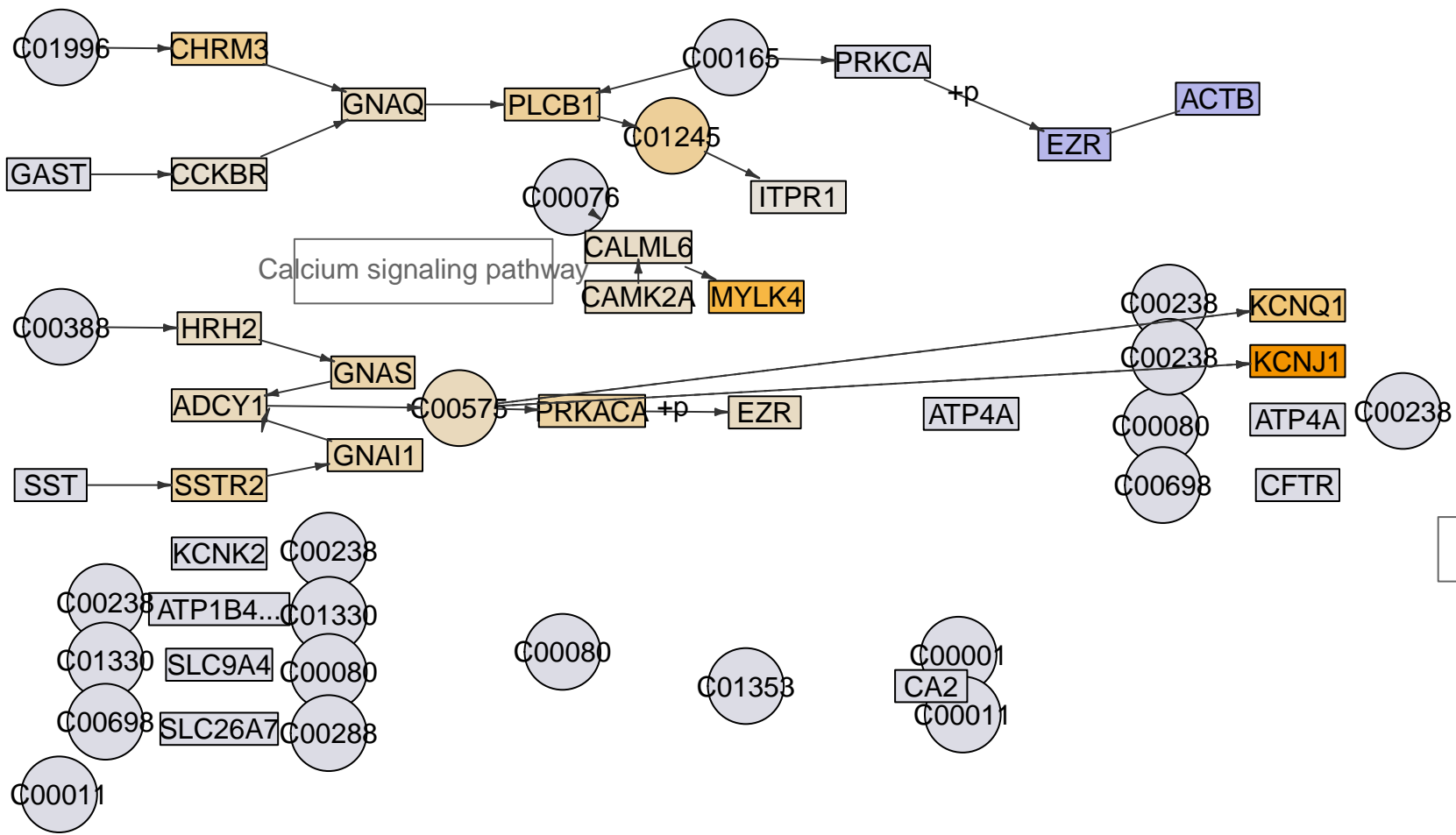
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-142

Tight junction

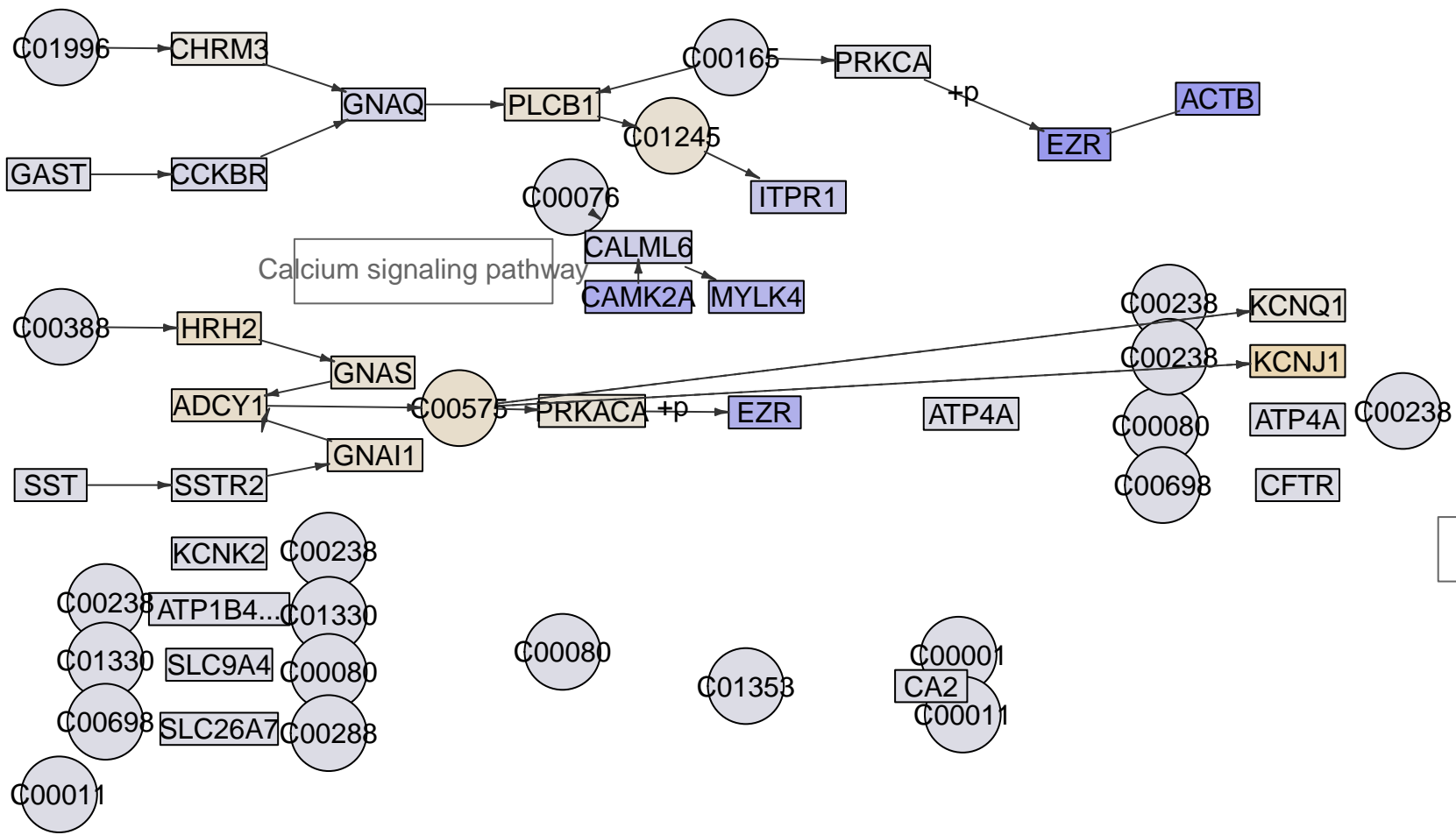


Calcium signaling pathway

Protein digestion and absorption

Gastric acid secretion  
MPI-145

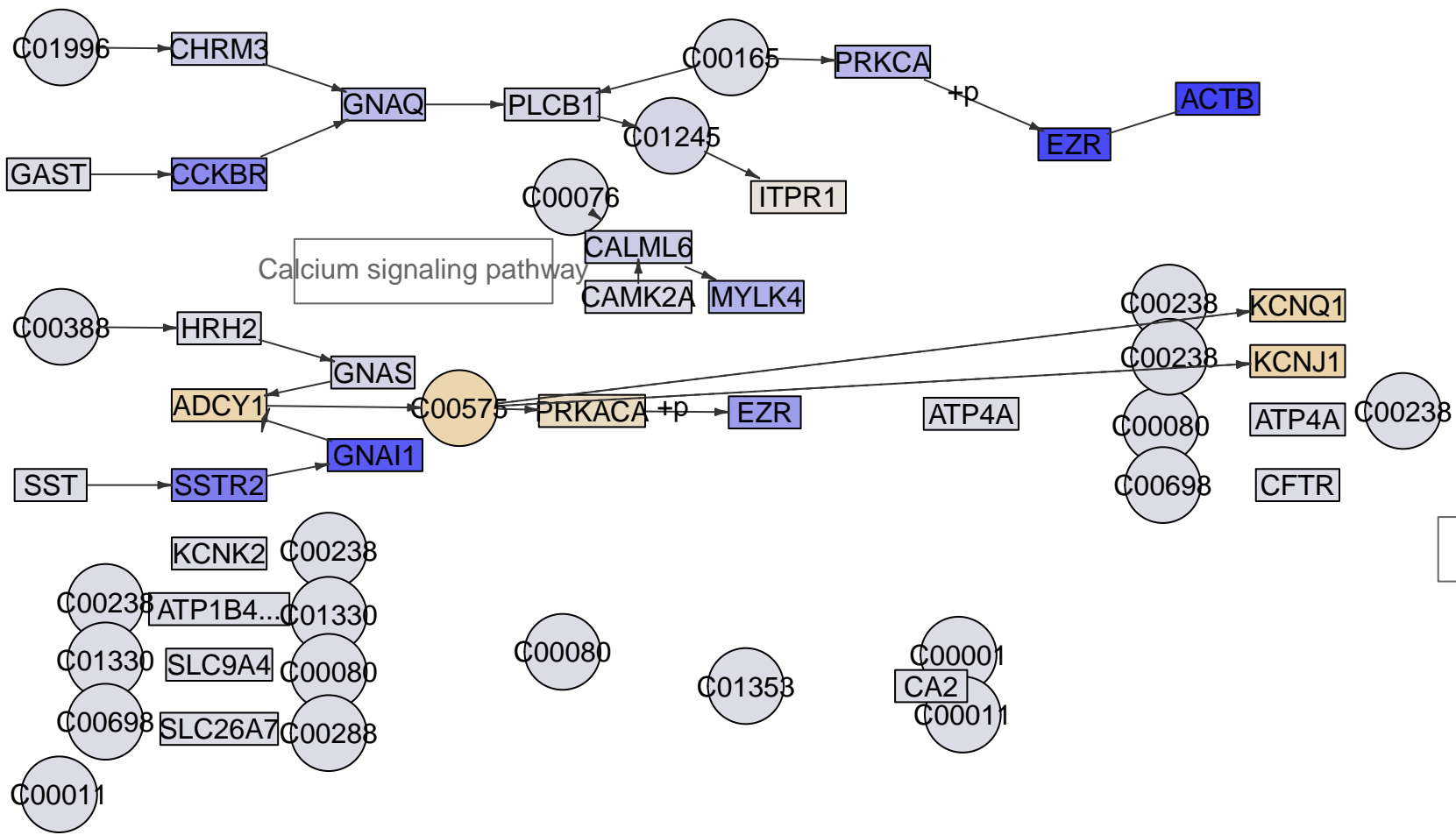
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-146

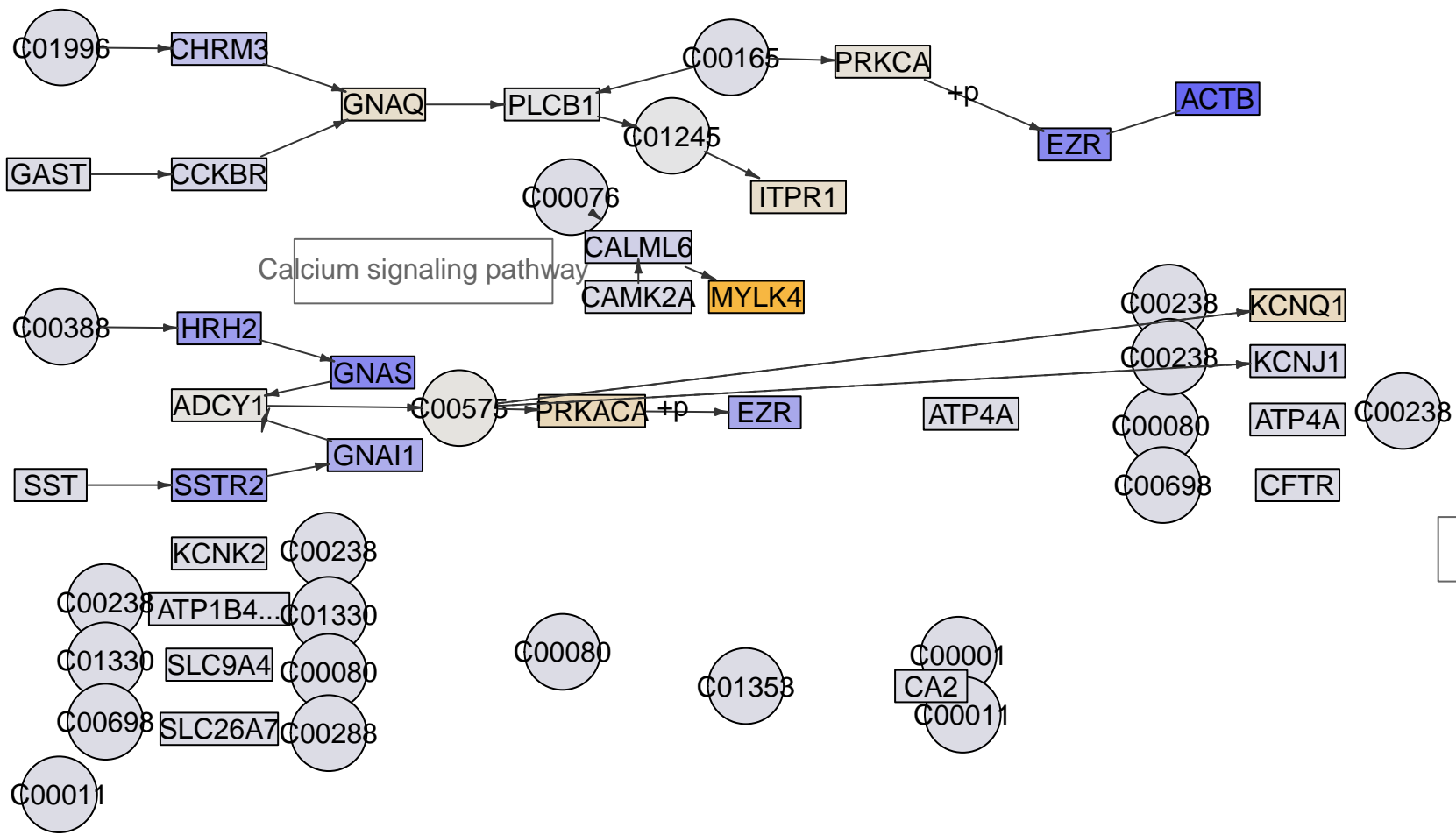
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-149

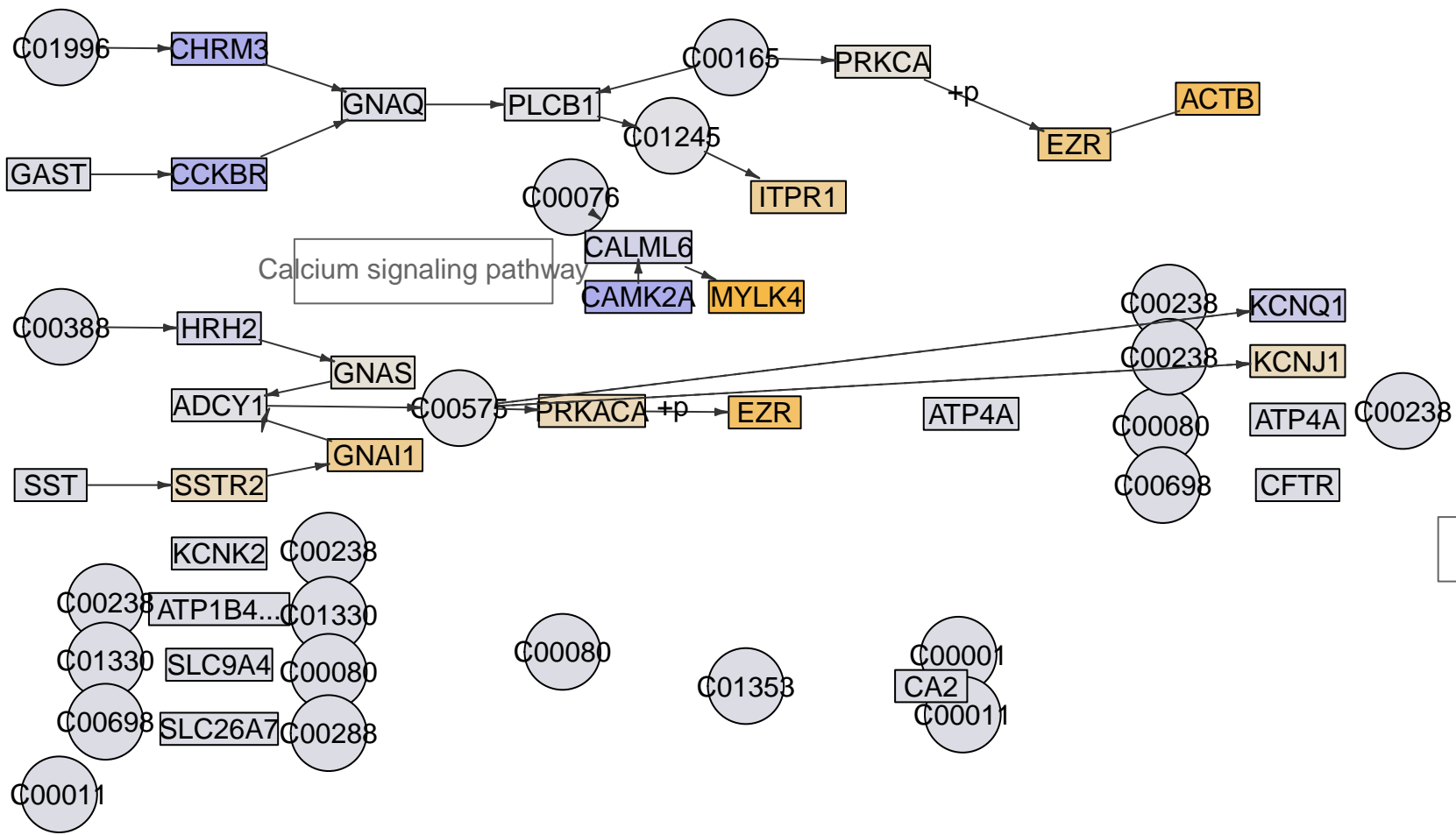
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-150

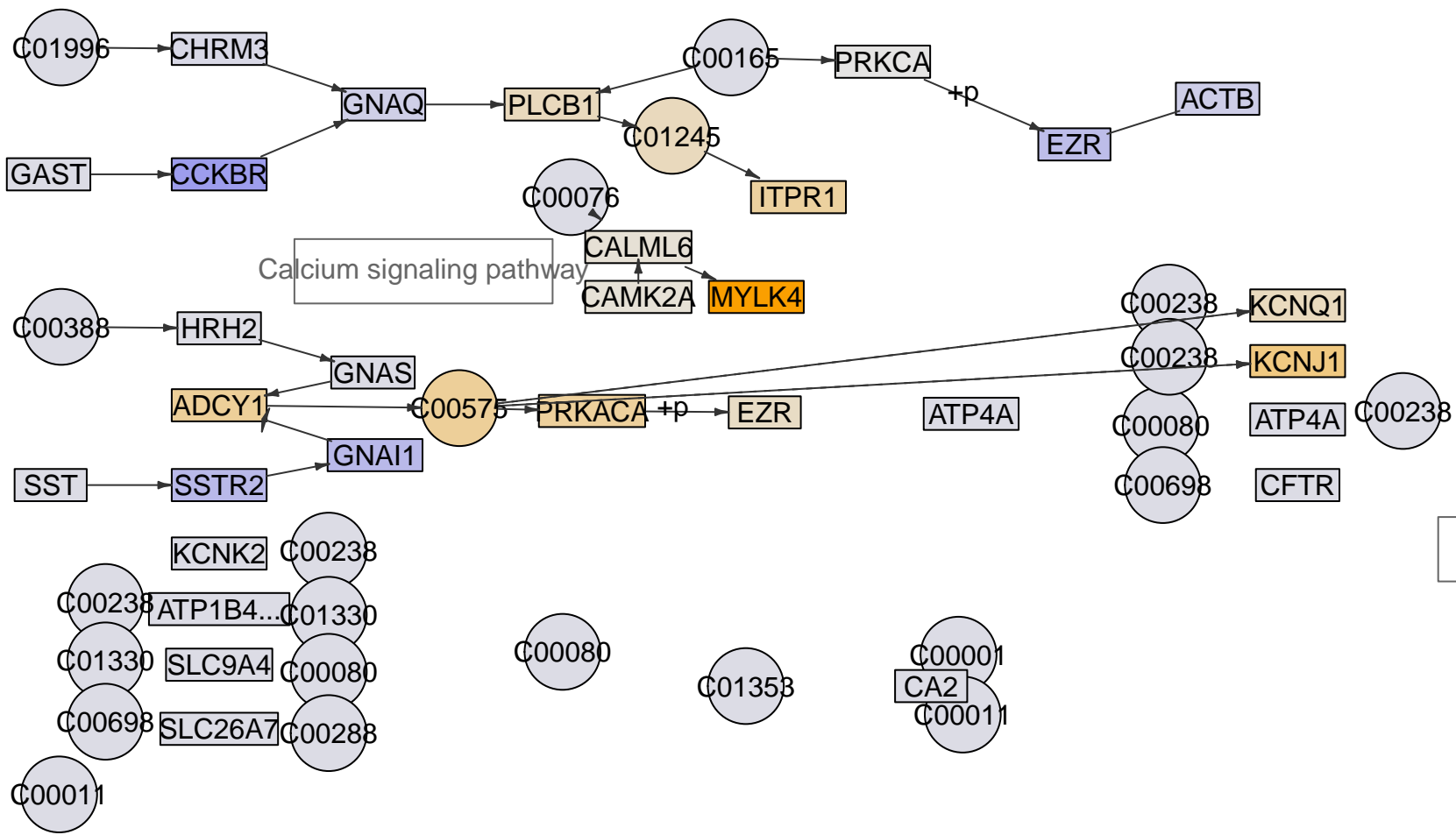
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-151

Tight junction

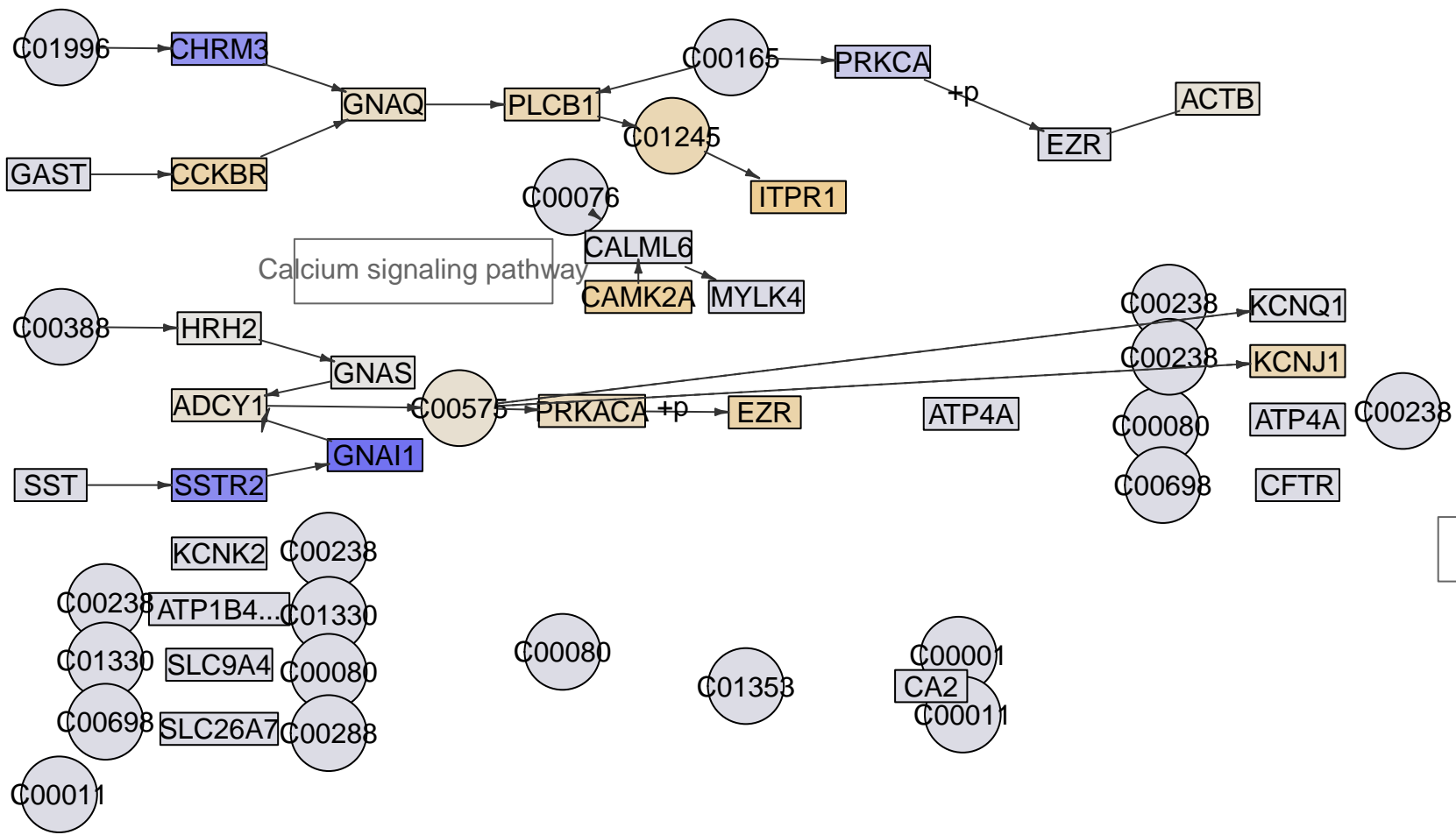


Protein digestion and absorption



Gastric acid secretion  
MPI-152

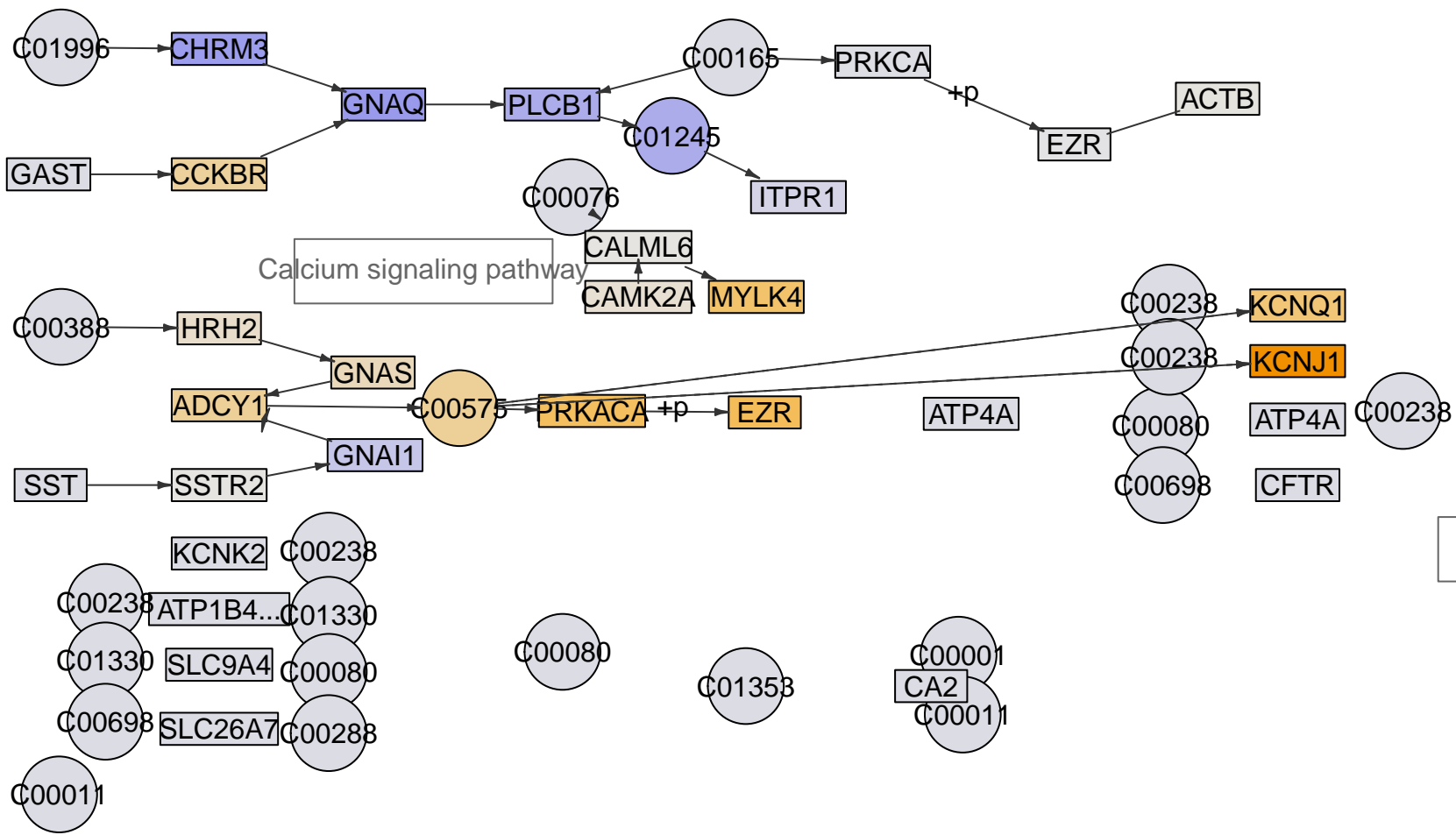
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-153

Tight junction

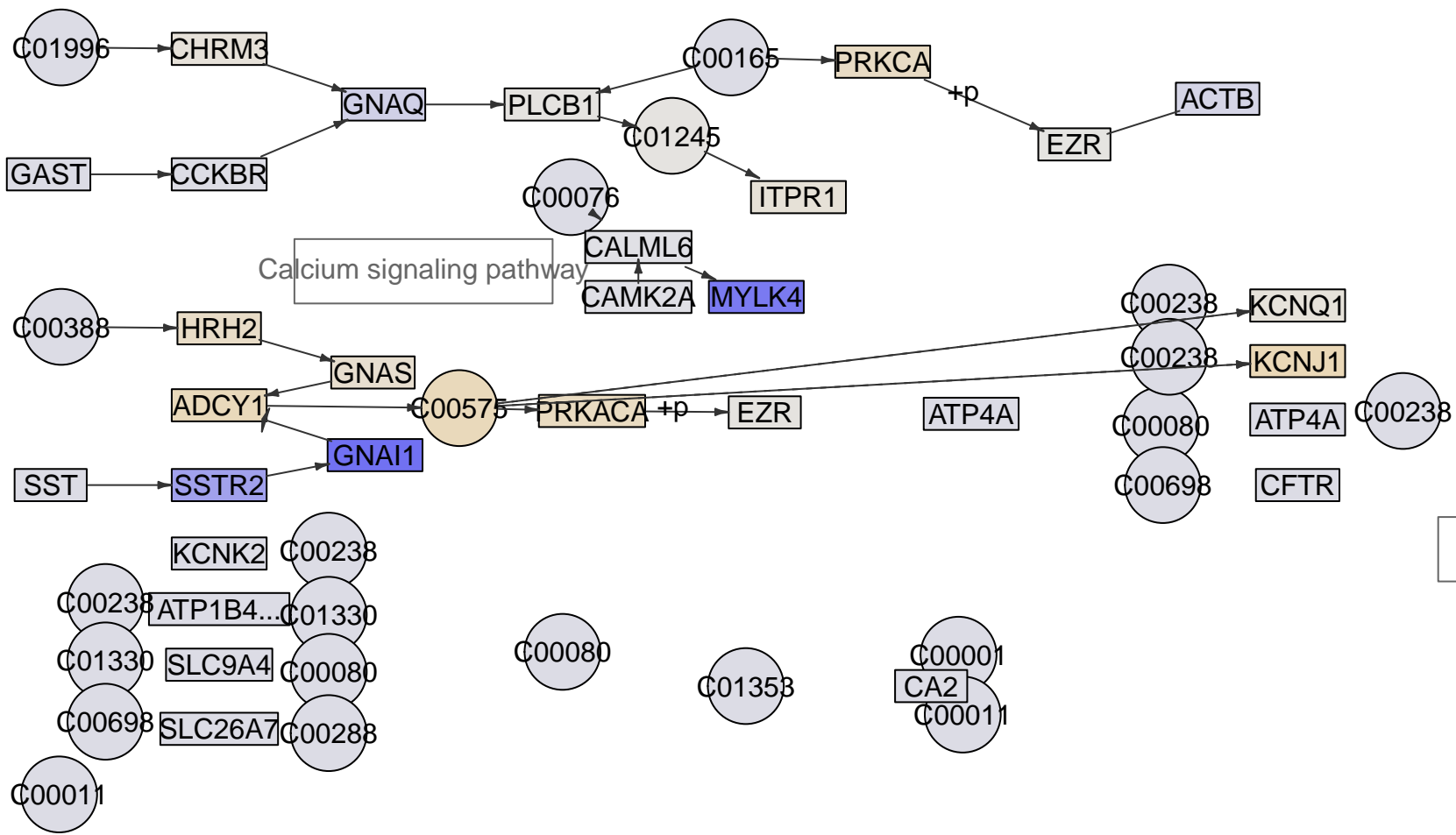




Gastric acid secretion  
MPI-155

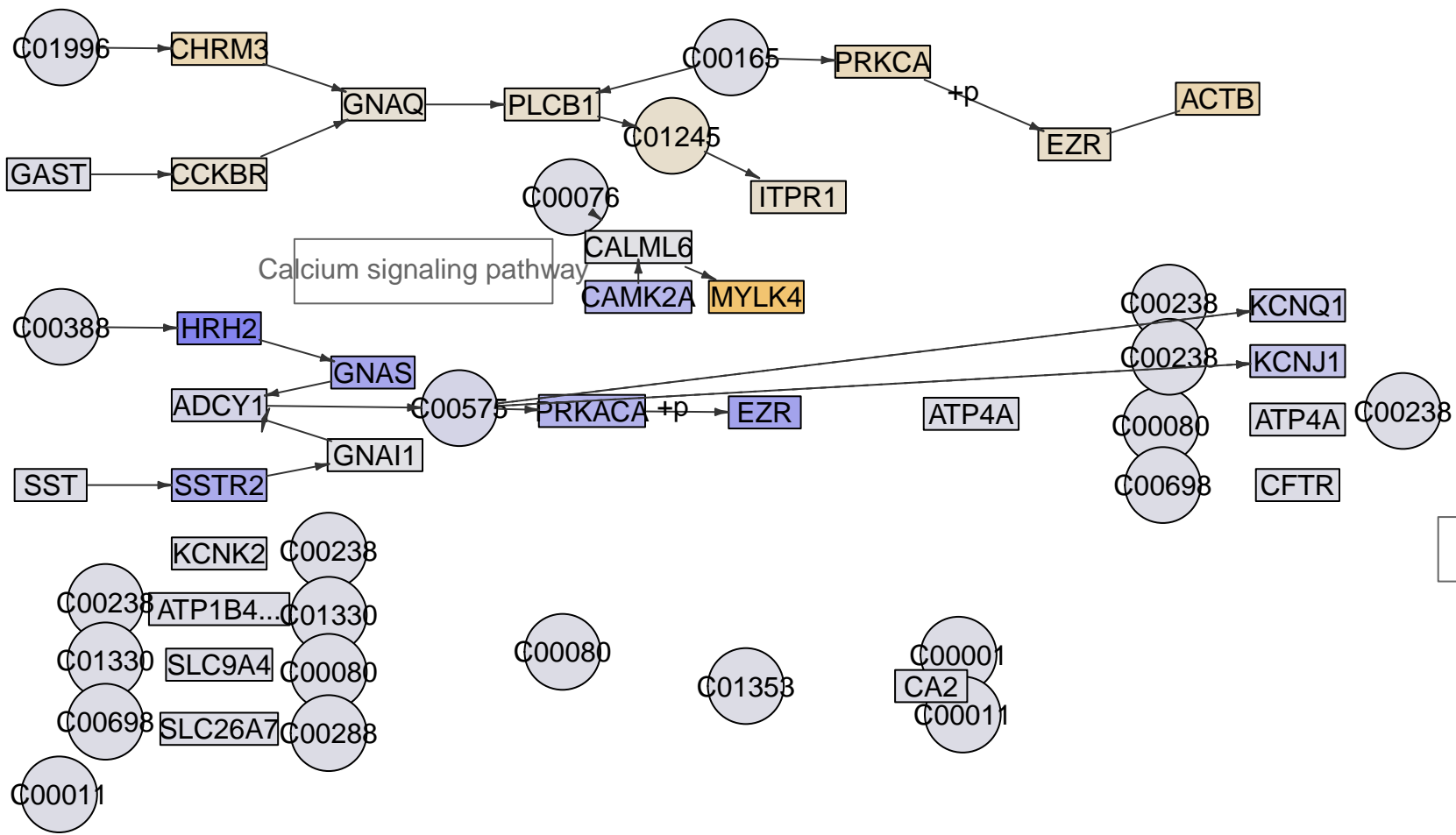
Tight junction

Protein digestion  
and absorption



Gastric acid secretion  
MPI-159

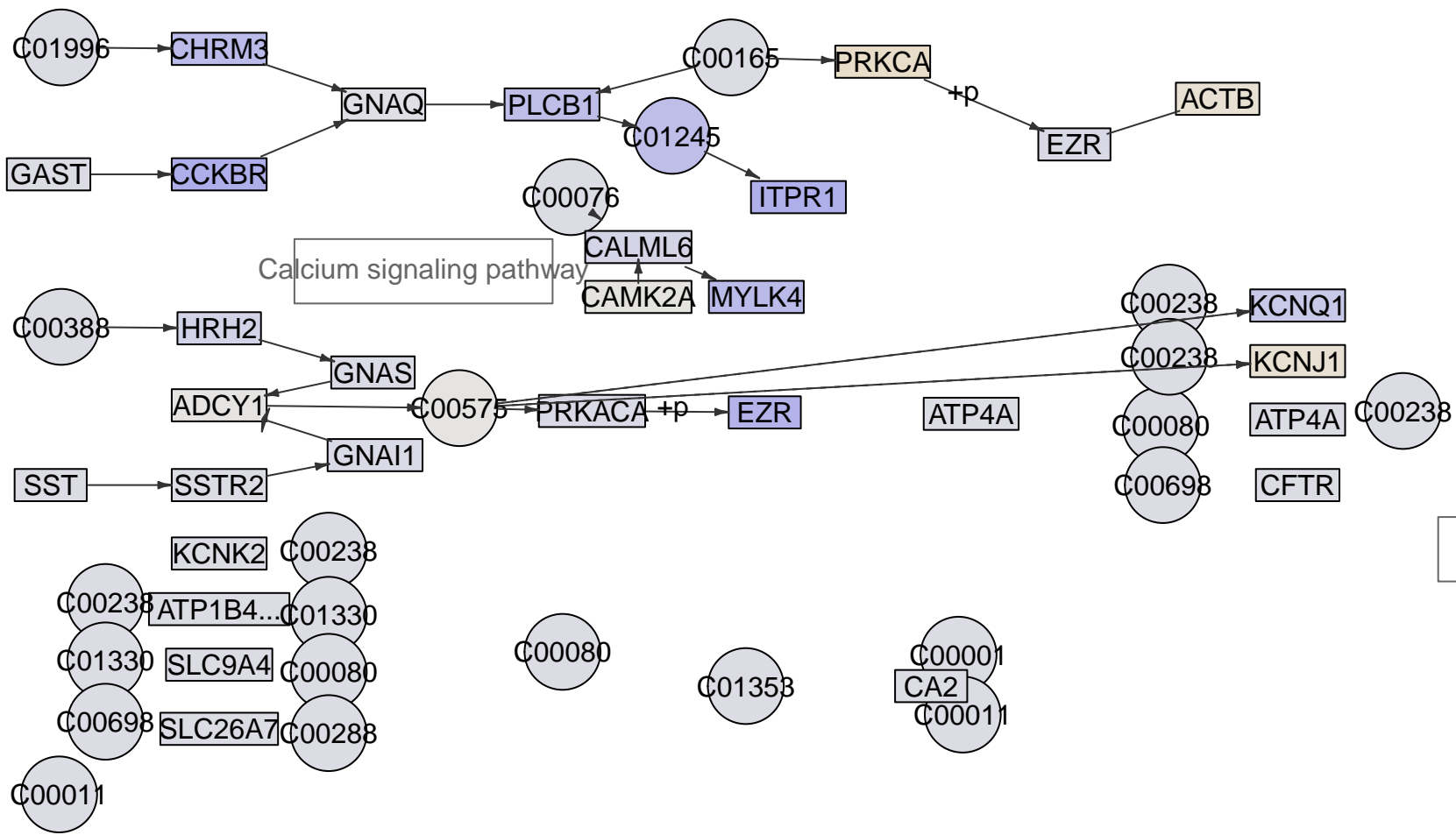
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-163

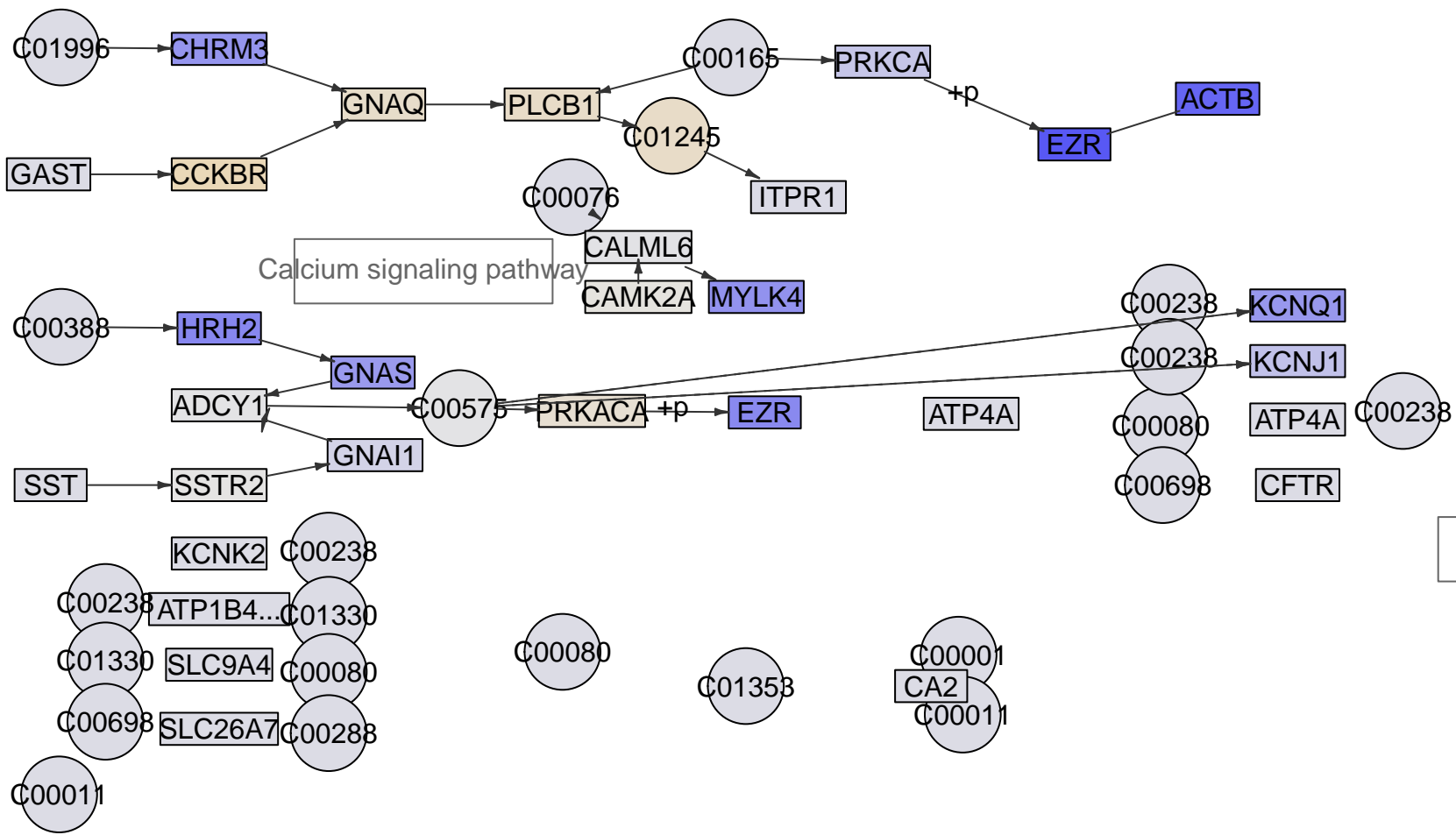
Tight junction



Protein digestion  
and absorption

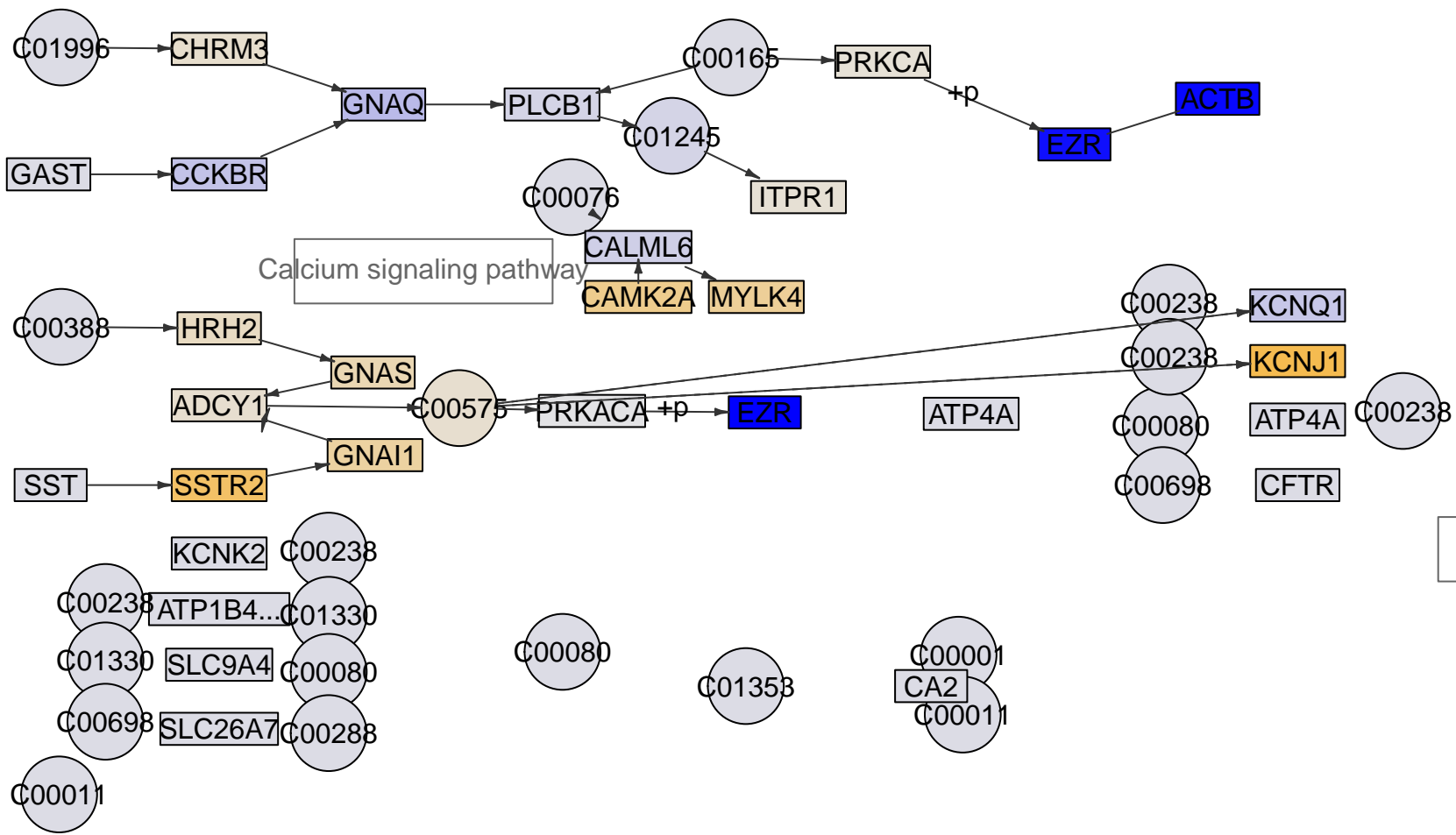
Gastric acid secretion  
MPI-164

Tight junction



Gastric acid secretion  
MPI-166

Tight junction

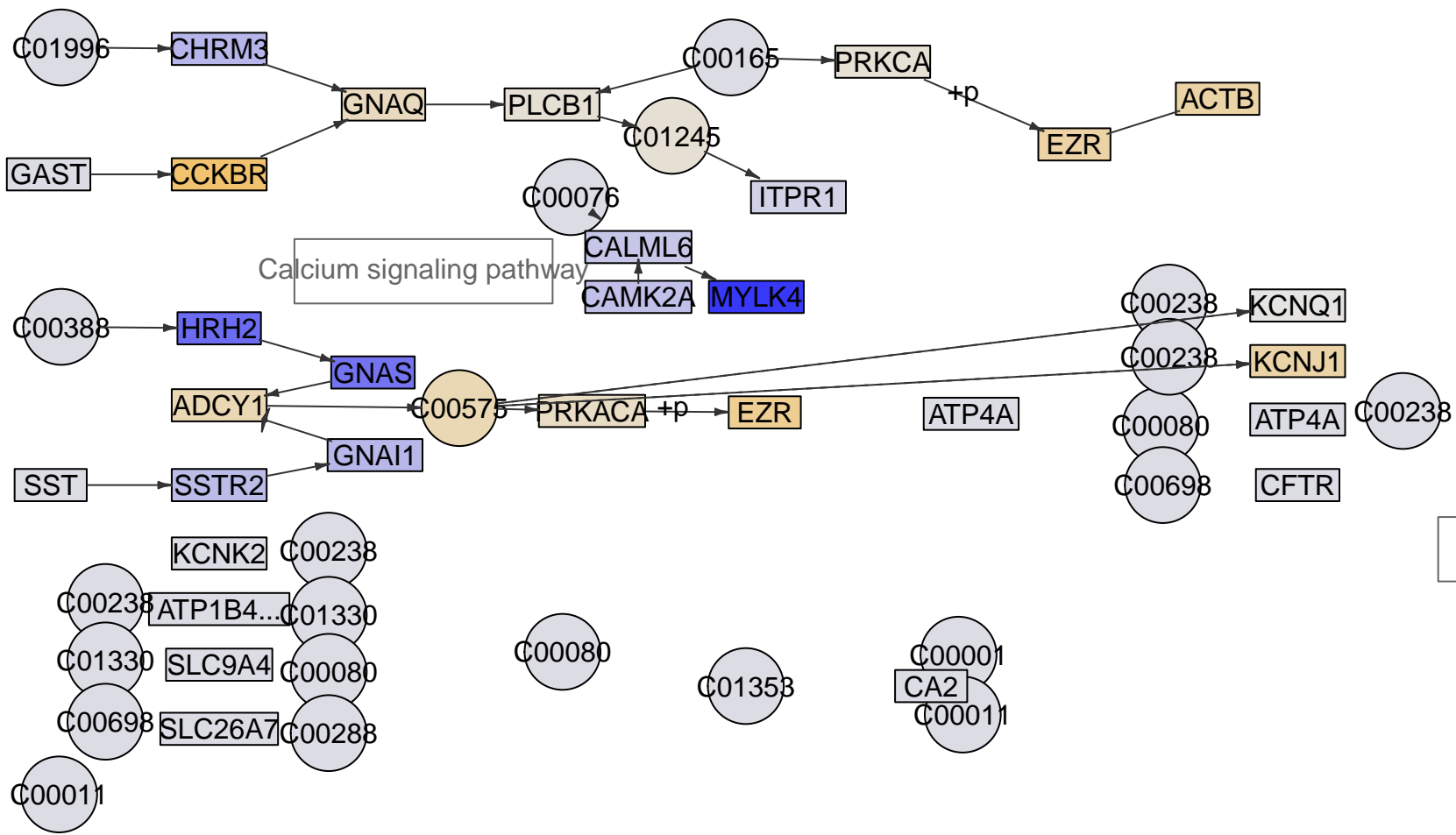


Protein digestion and absorption



Gastric acid secretion  
MPI-167

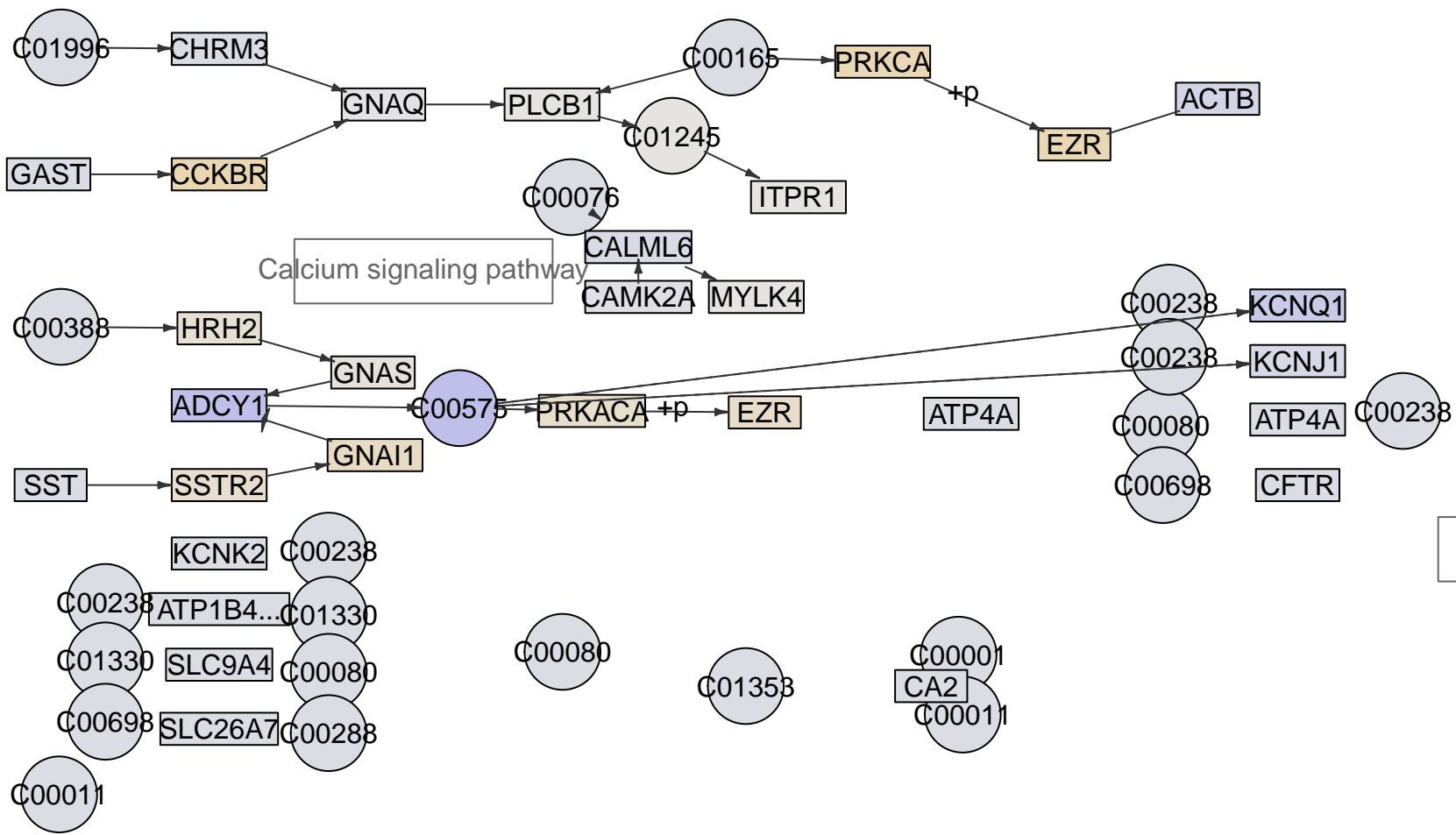
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-168

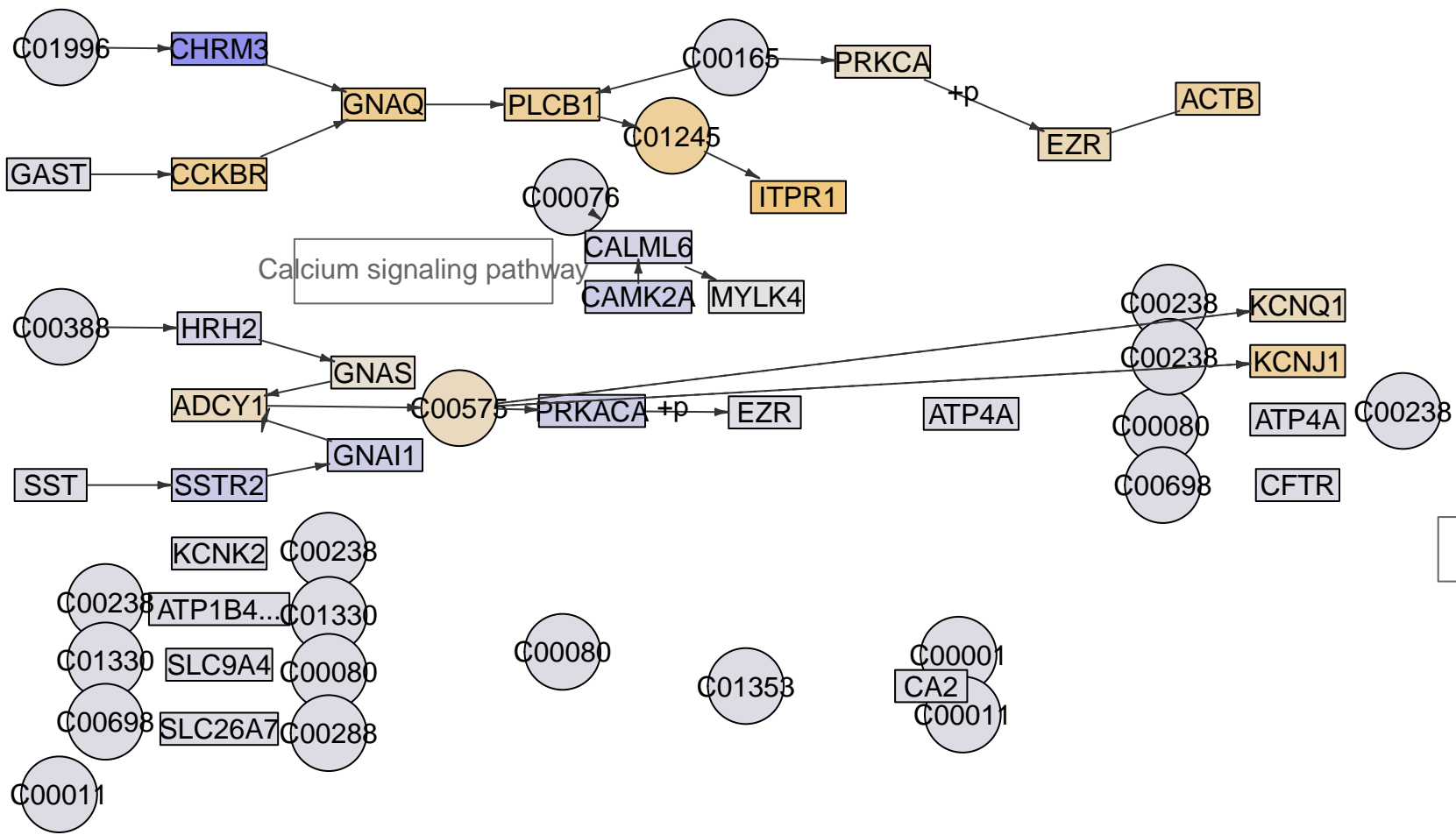
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-170

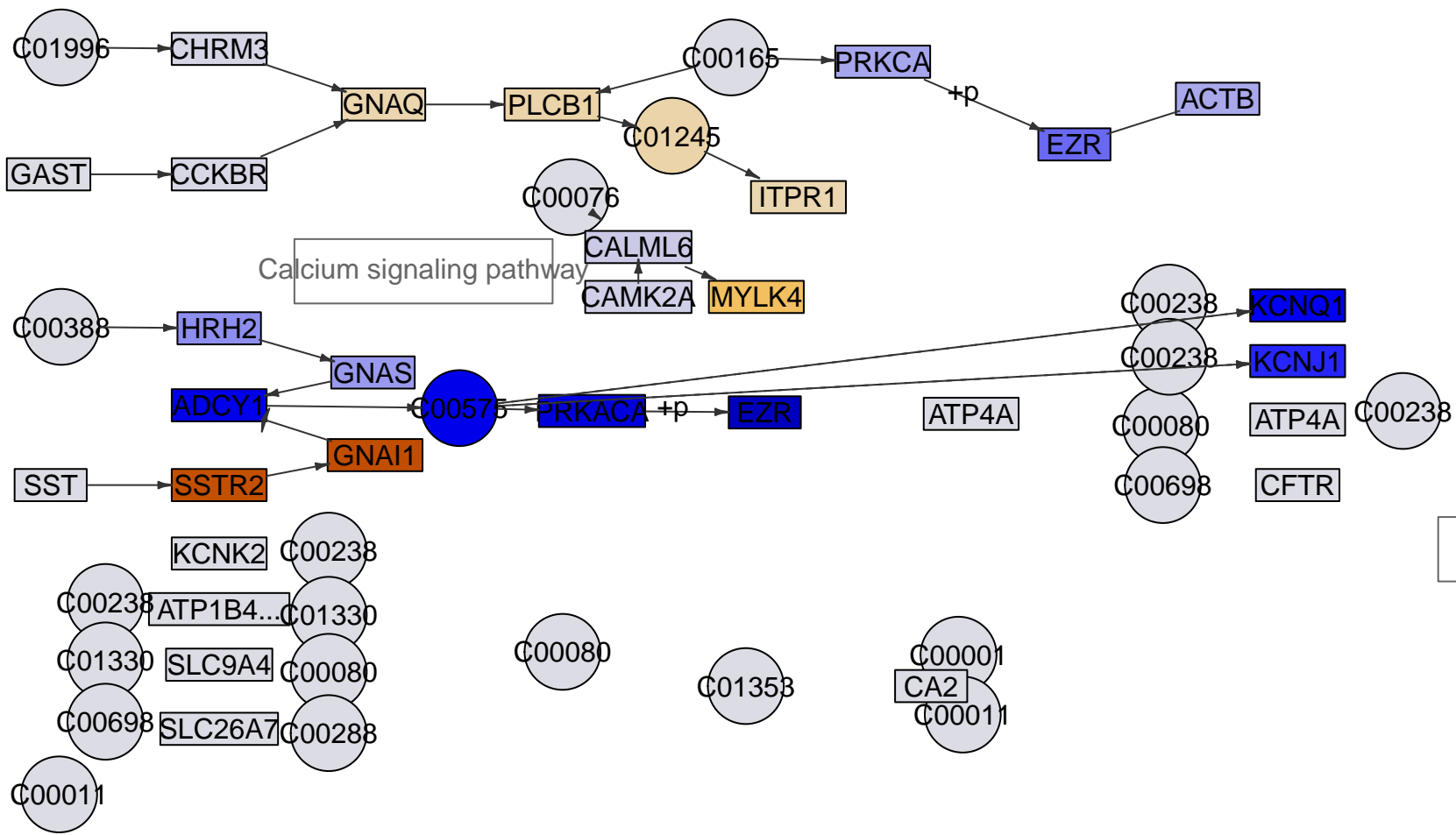
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-173

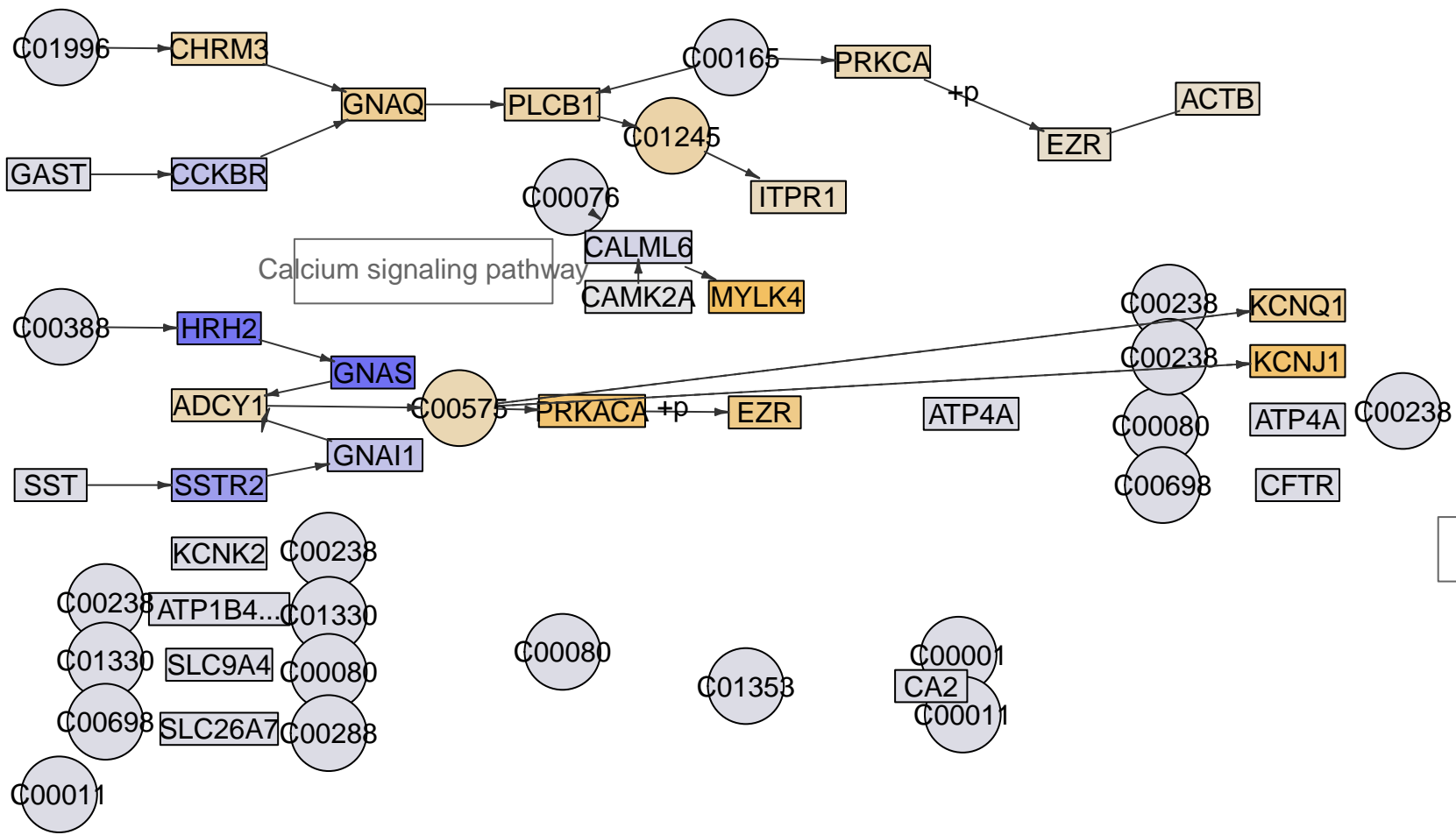
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-174

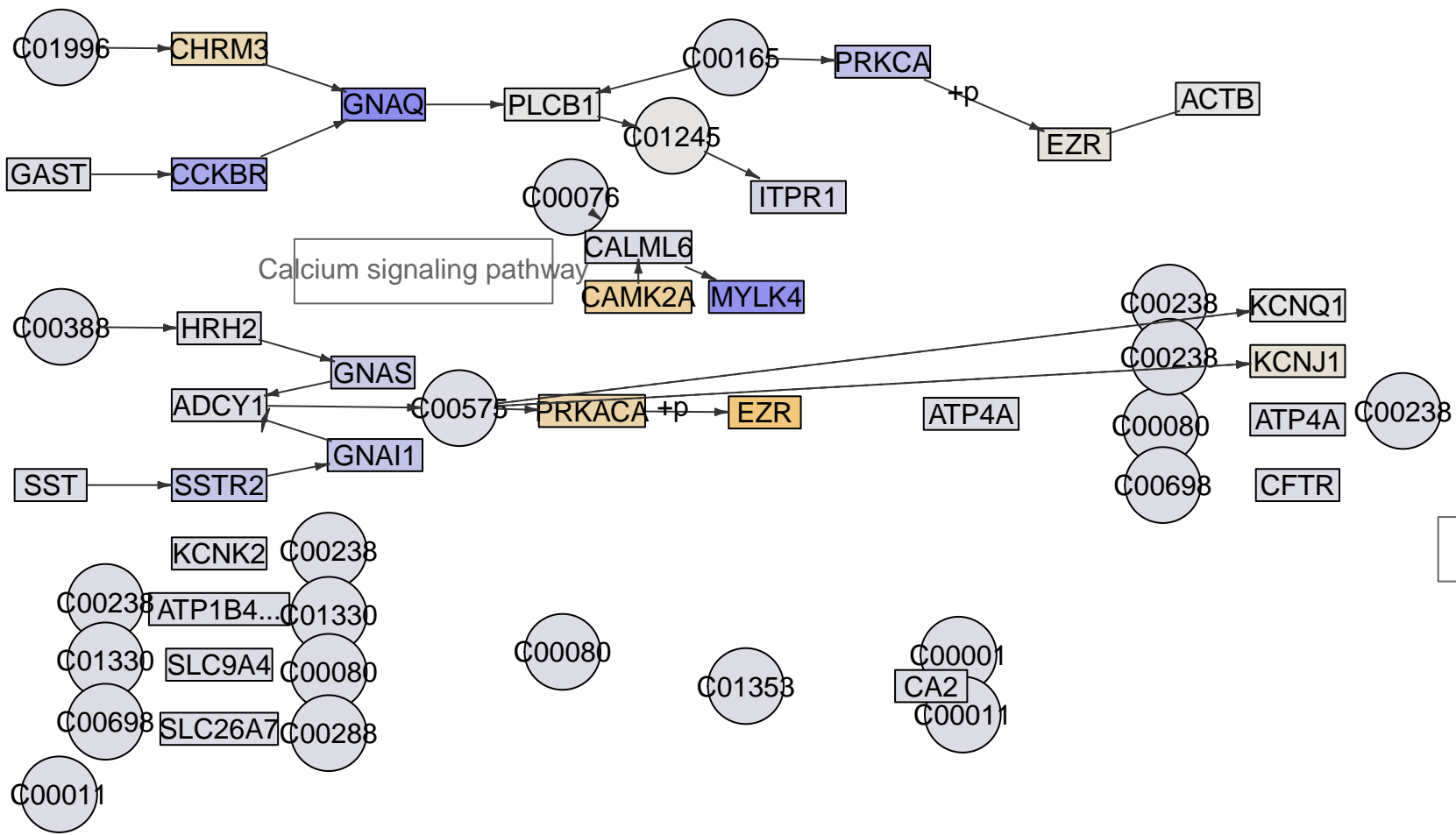
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-176

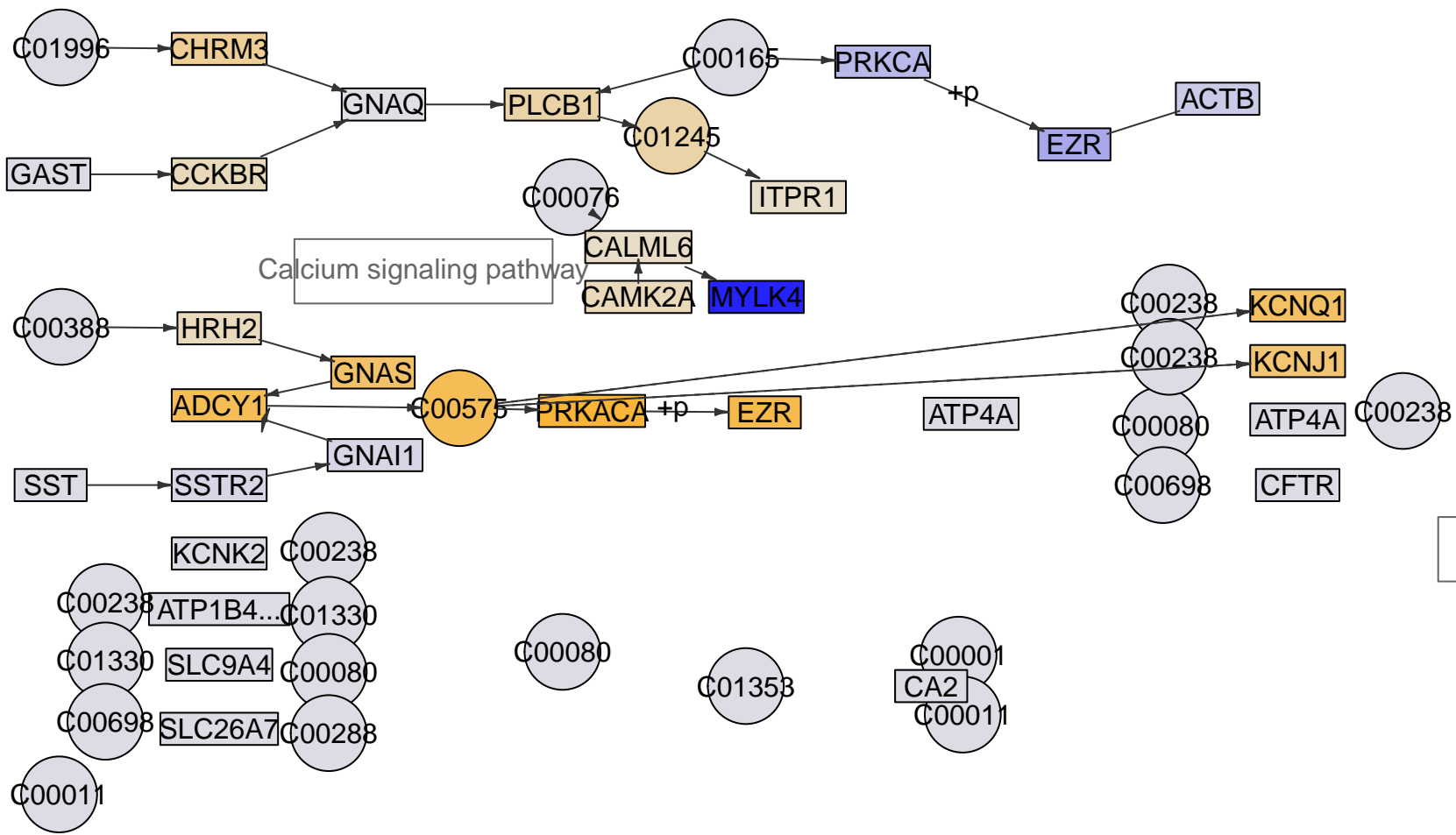
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-177

Tight junction



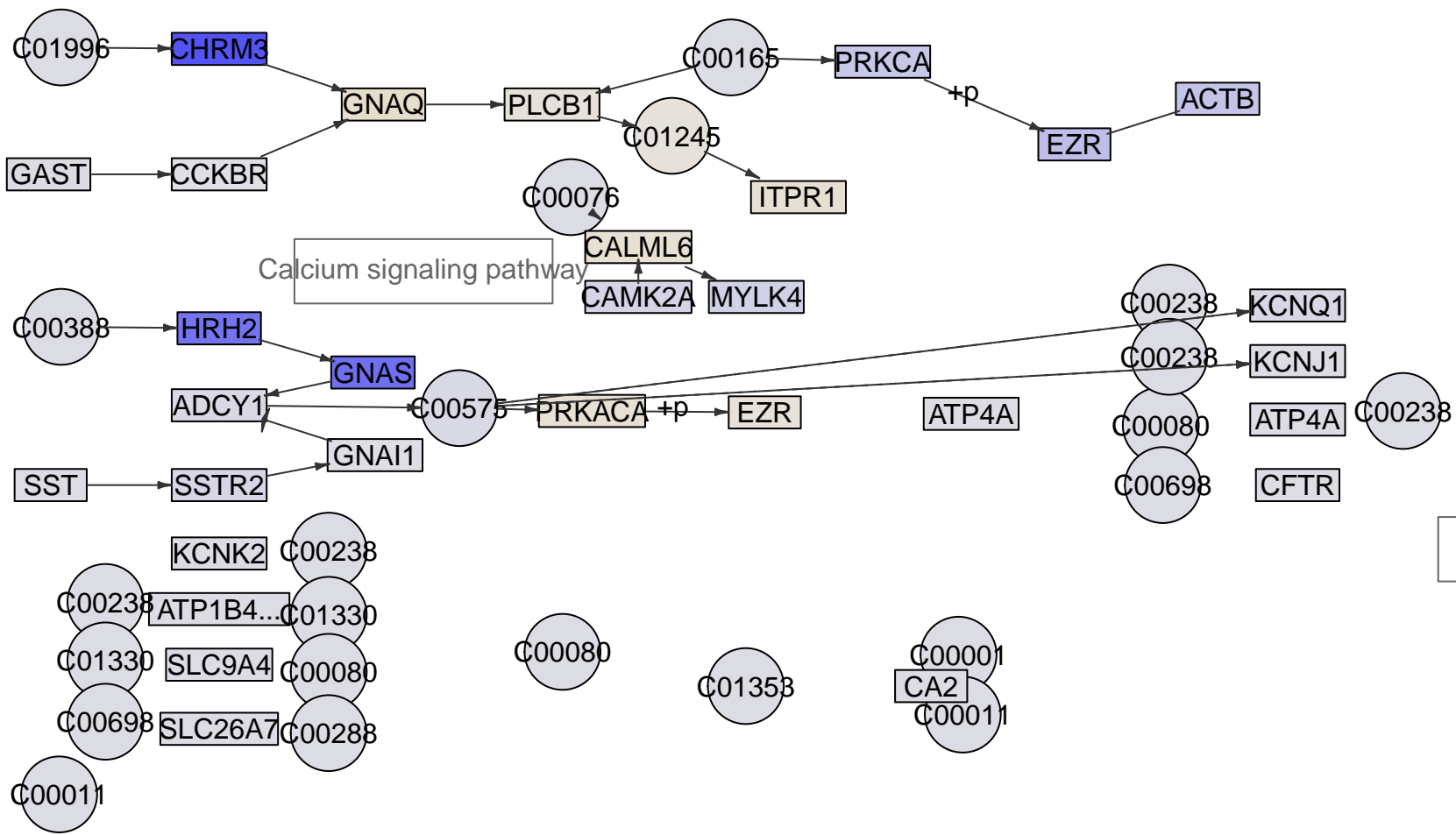
Protein digestion and absorption





Gastric acid secretion  
MPI-179

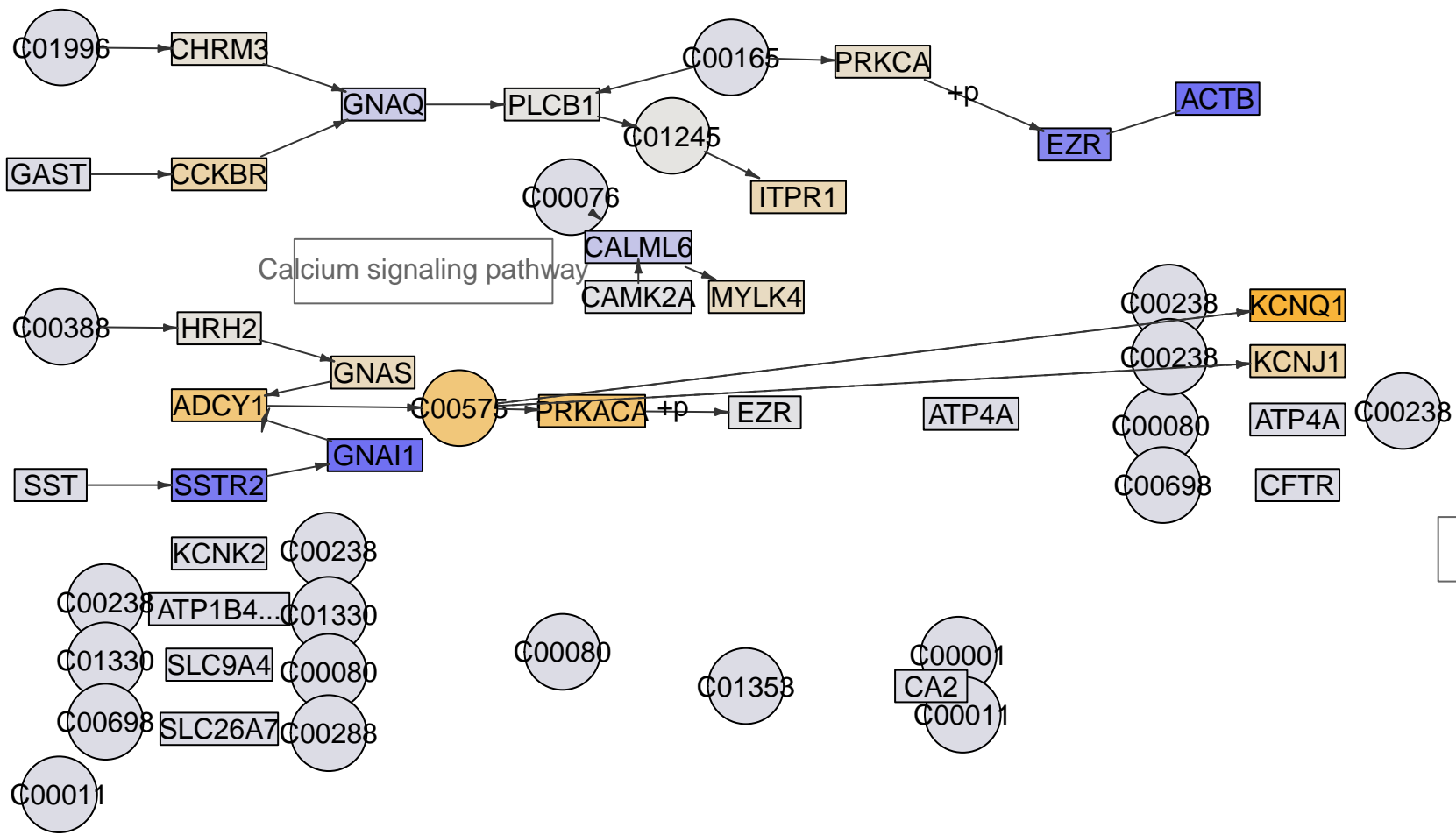
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-180

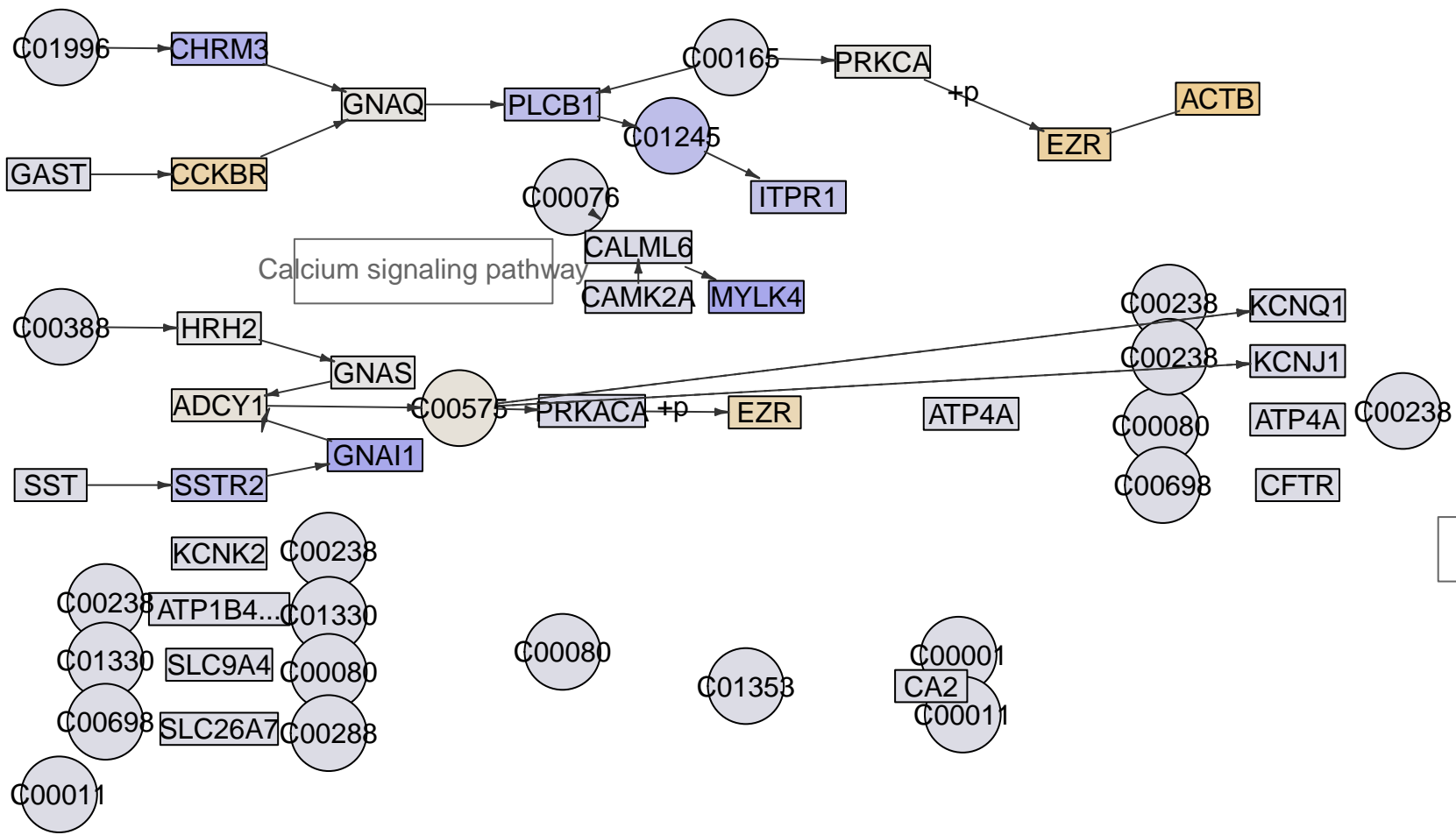
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-182

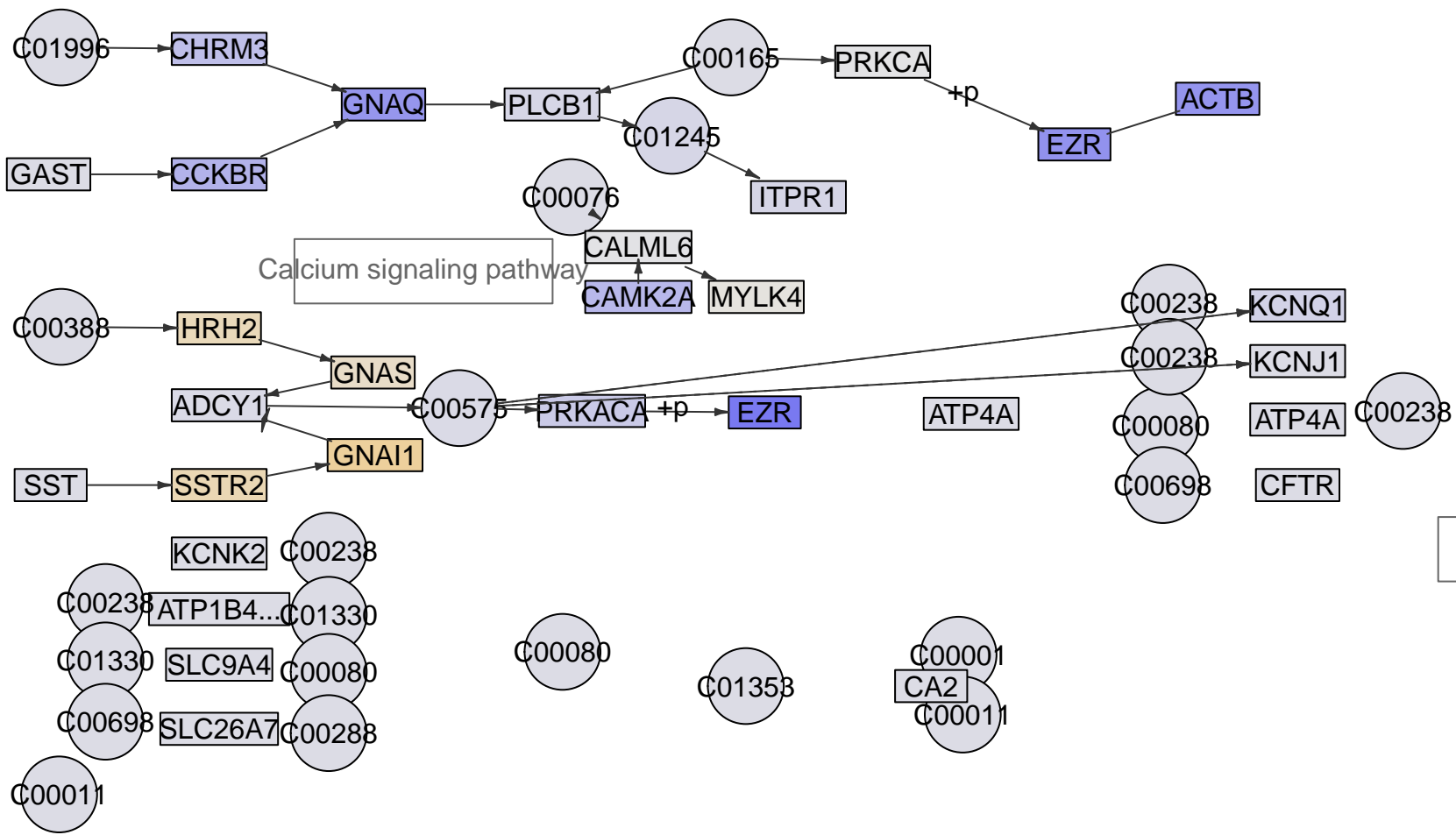
Tight junction



Protein digestion  
and absorption

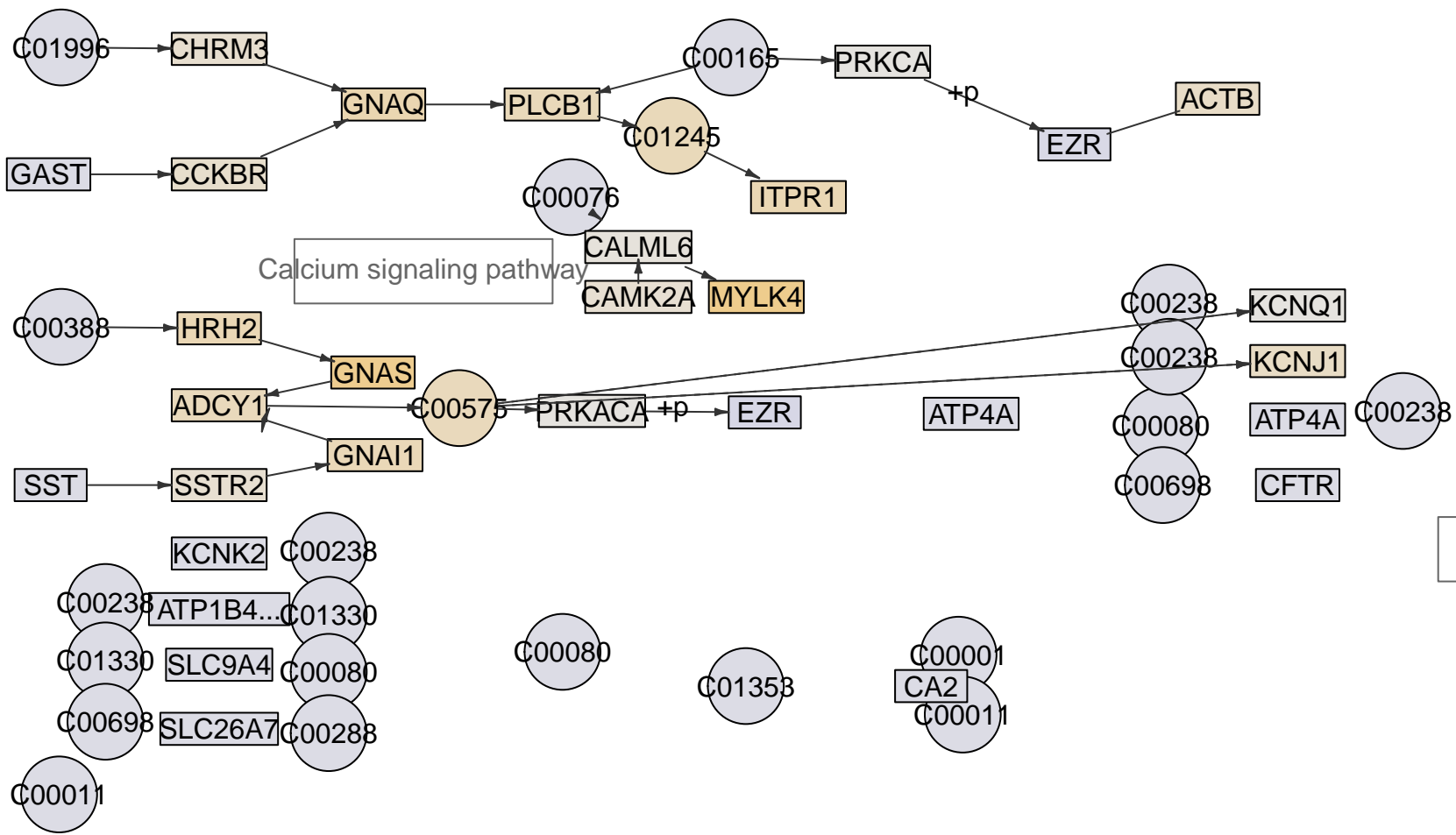
Gastric acid secretion  
MPI-183

Tight junction



Gastric acid secretion  
MPI-184

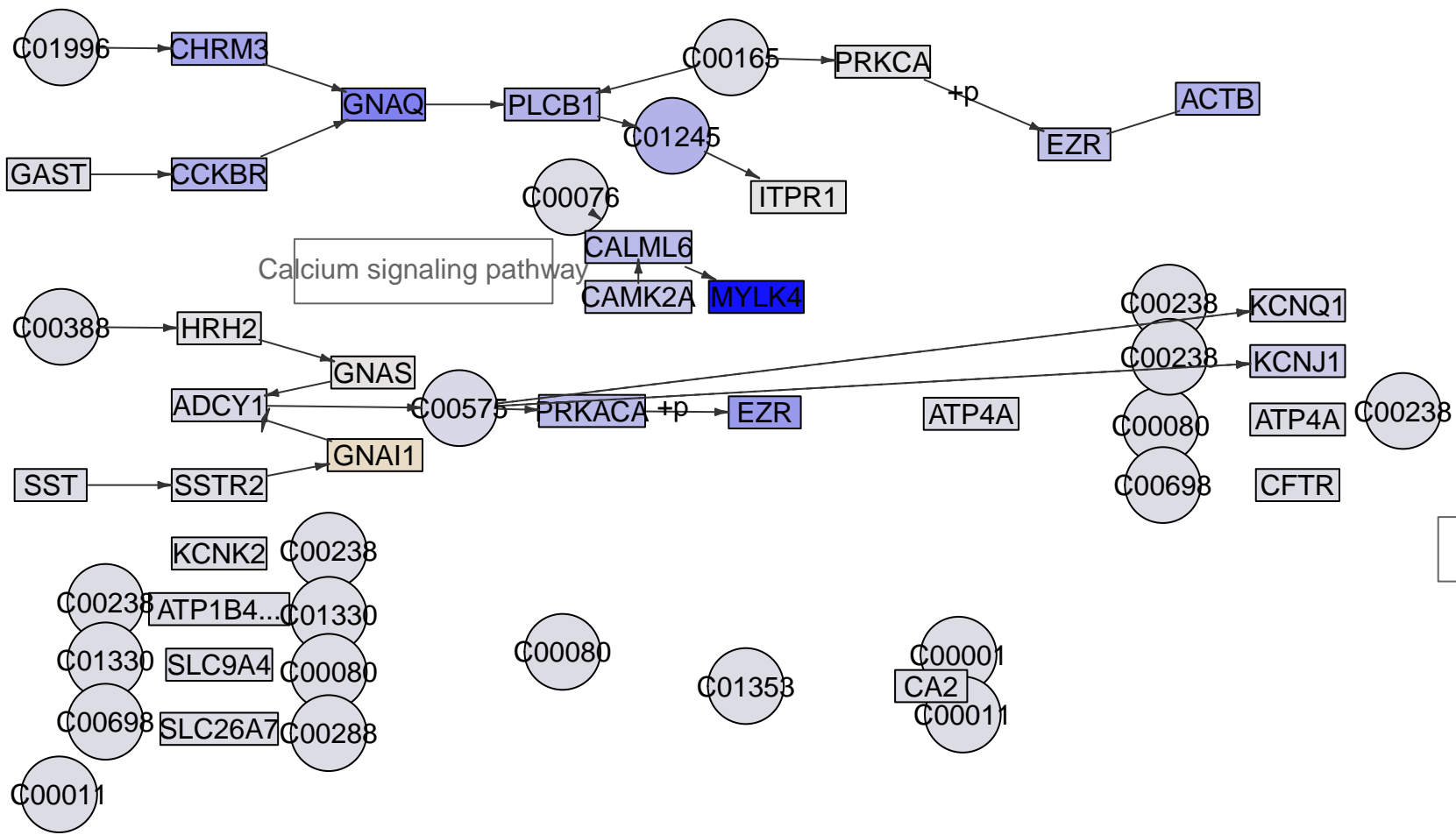
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-185

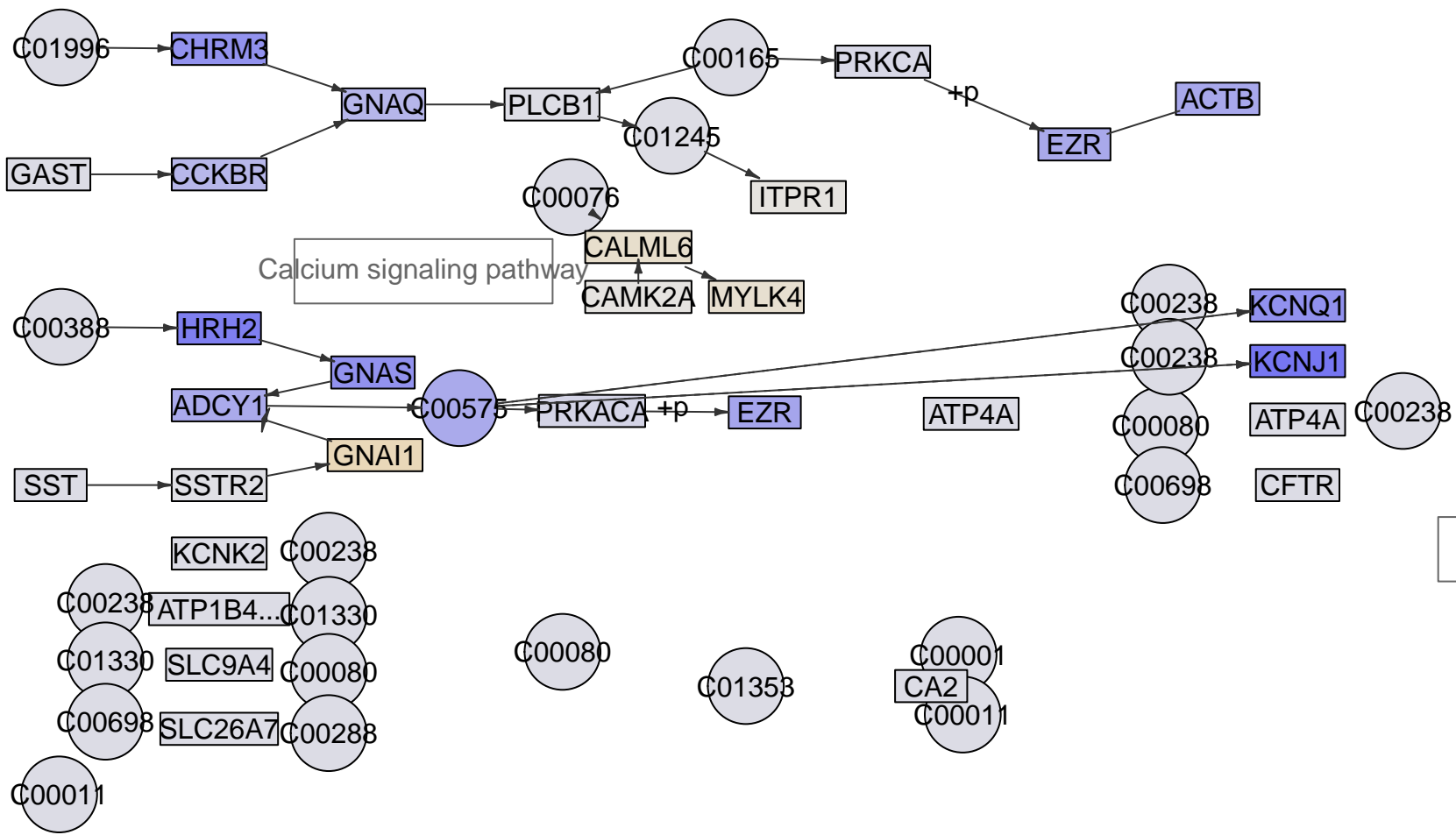
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-186

Tight junction

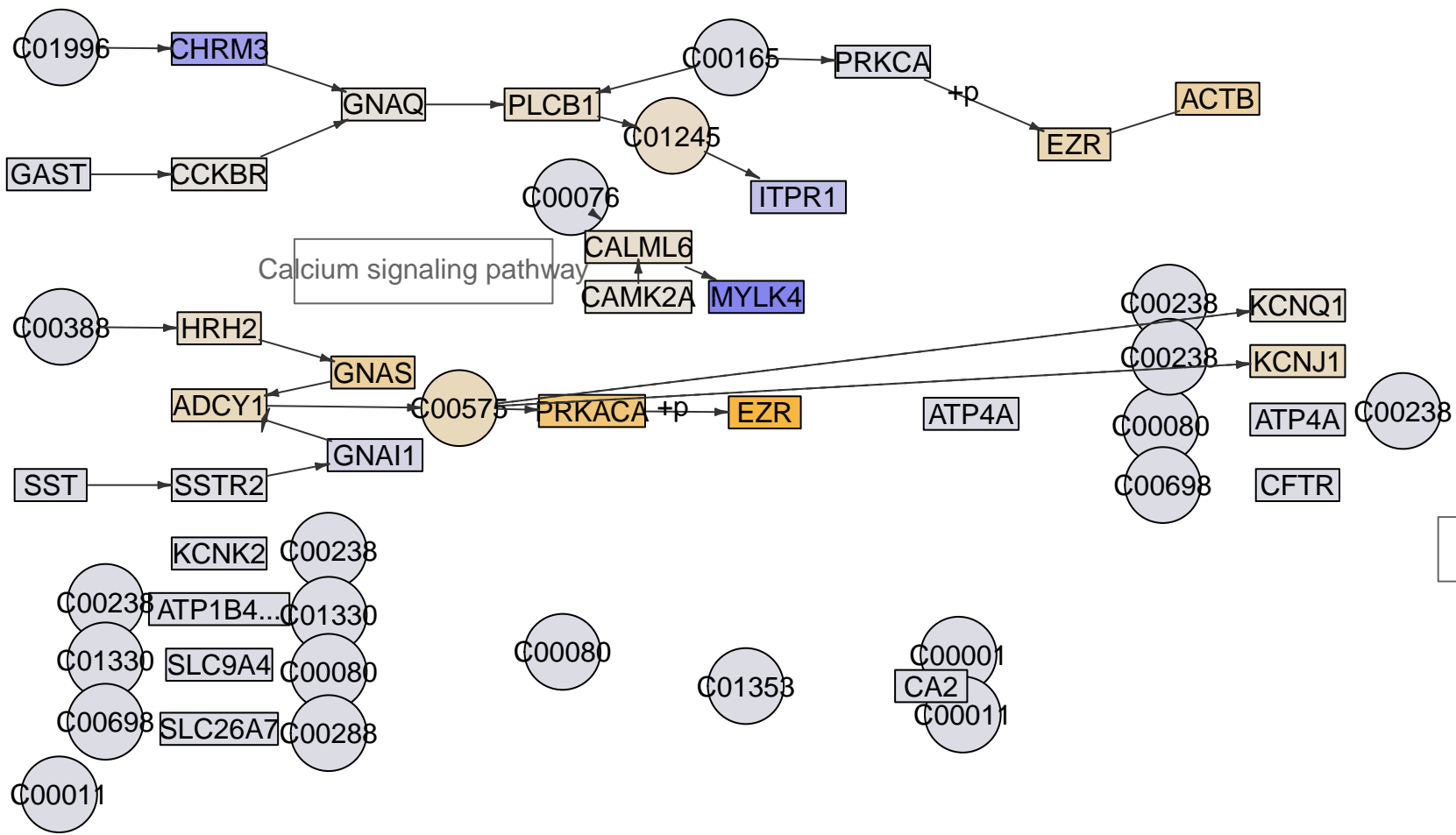


Protein digestion and absorption

Gastric acid secretion  
MPI-188

Tight junction

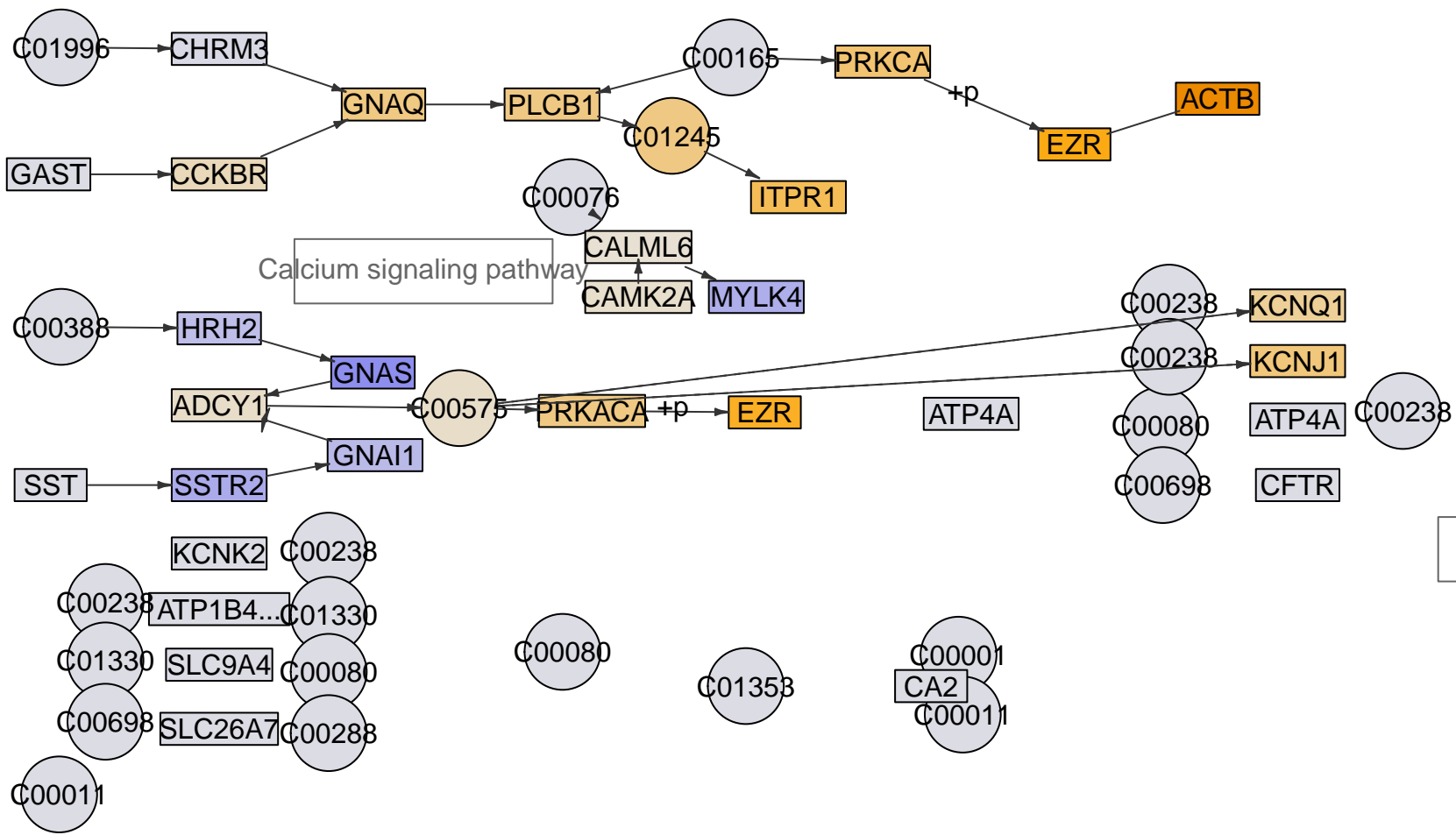
Protein digestion and absorption





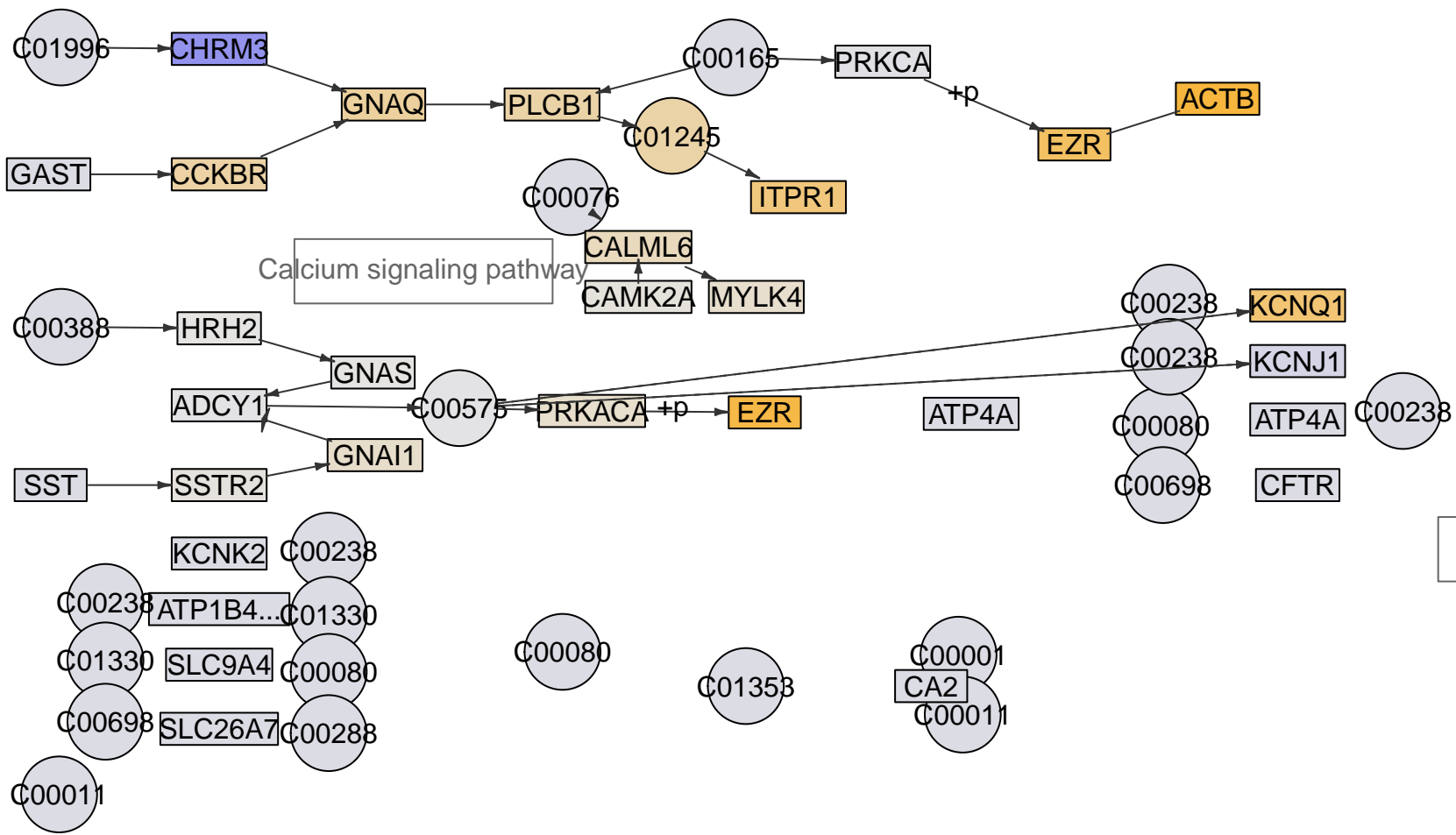
Gastric acid secretion  
MPI-189

Tight junction



Gastric acid secretion  
MPI-190

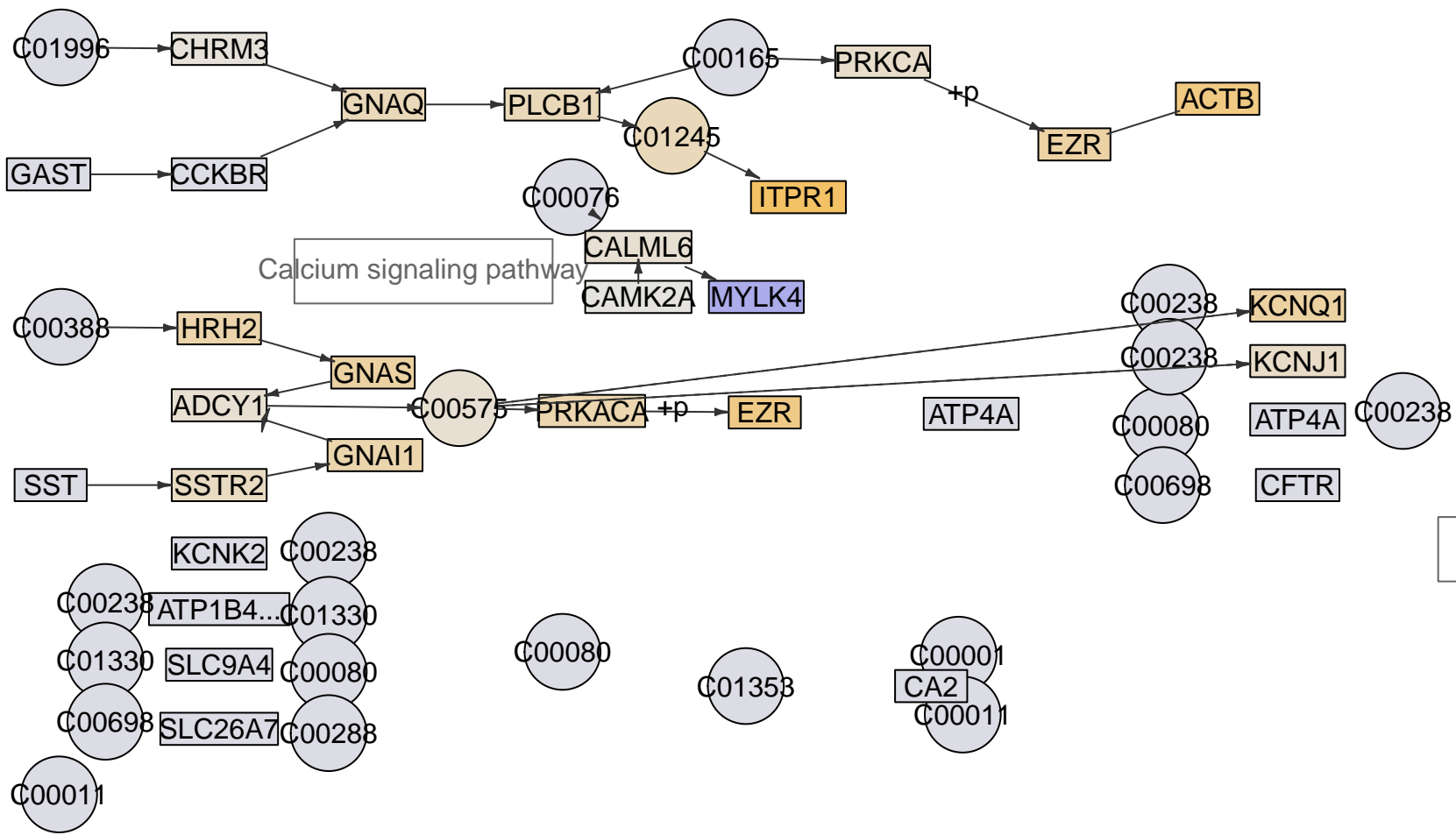
Tight junction



Protein digestion and absorption

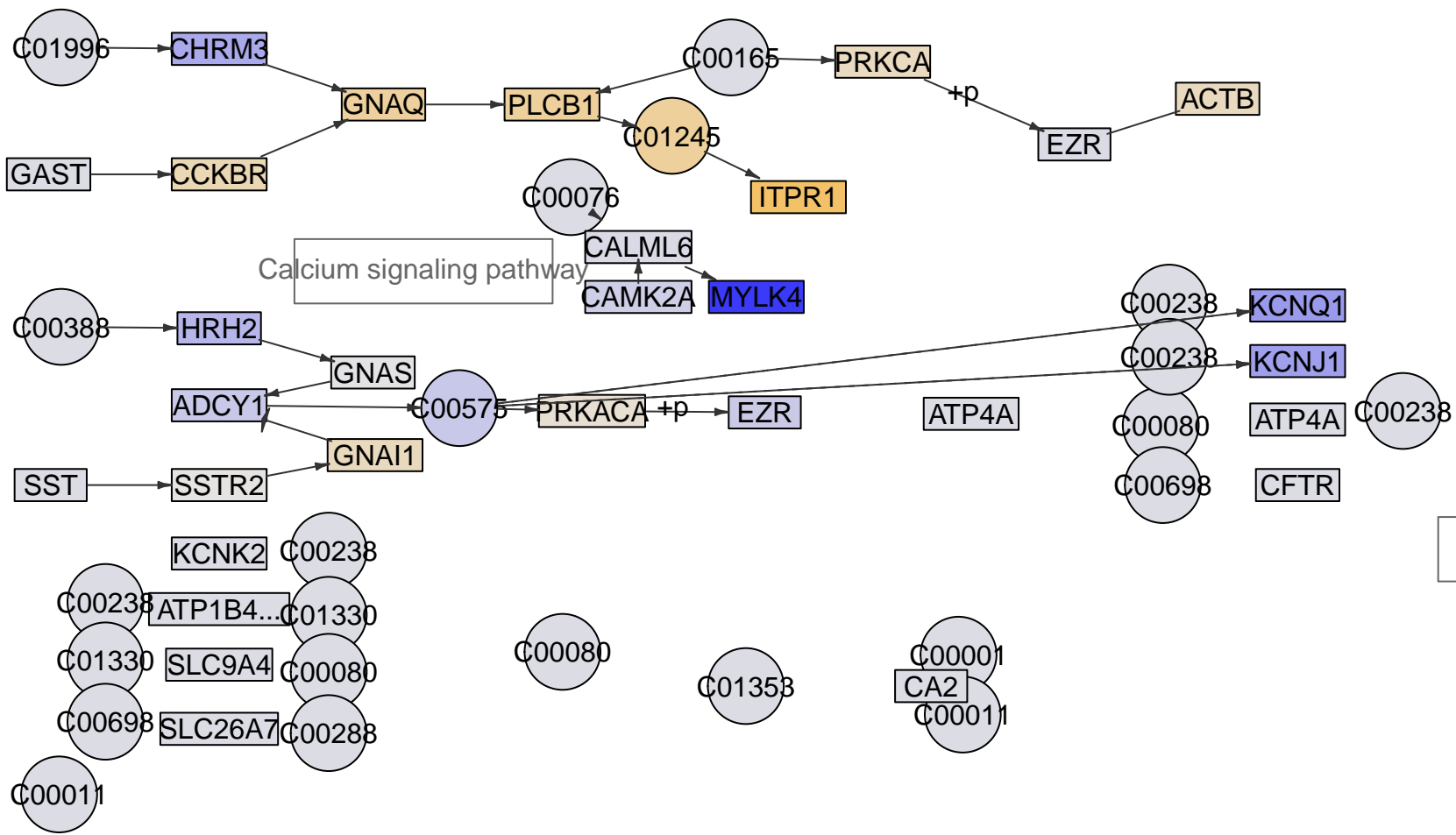
Gastric acid secretion  
MPI-191

Tight junction



Gastric acid secretion  
MPI-192

Tight junction



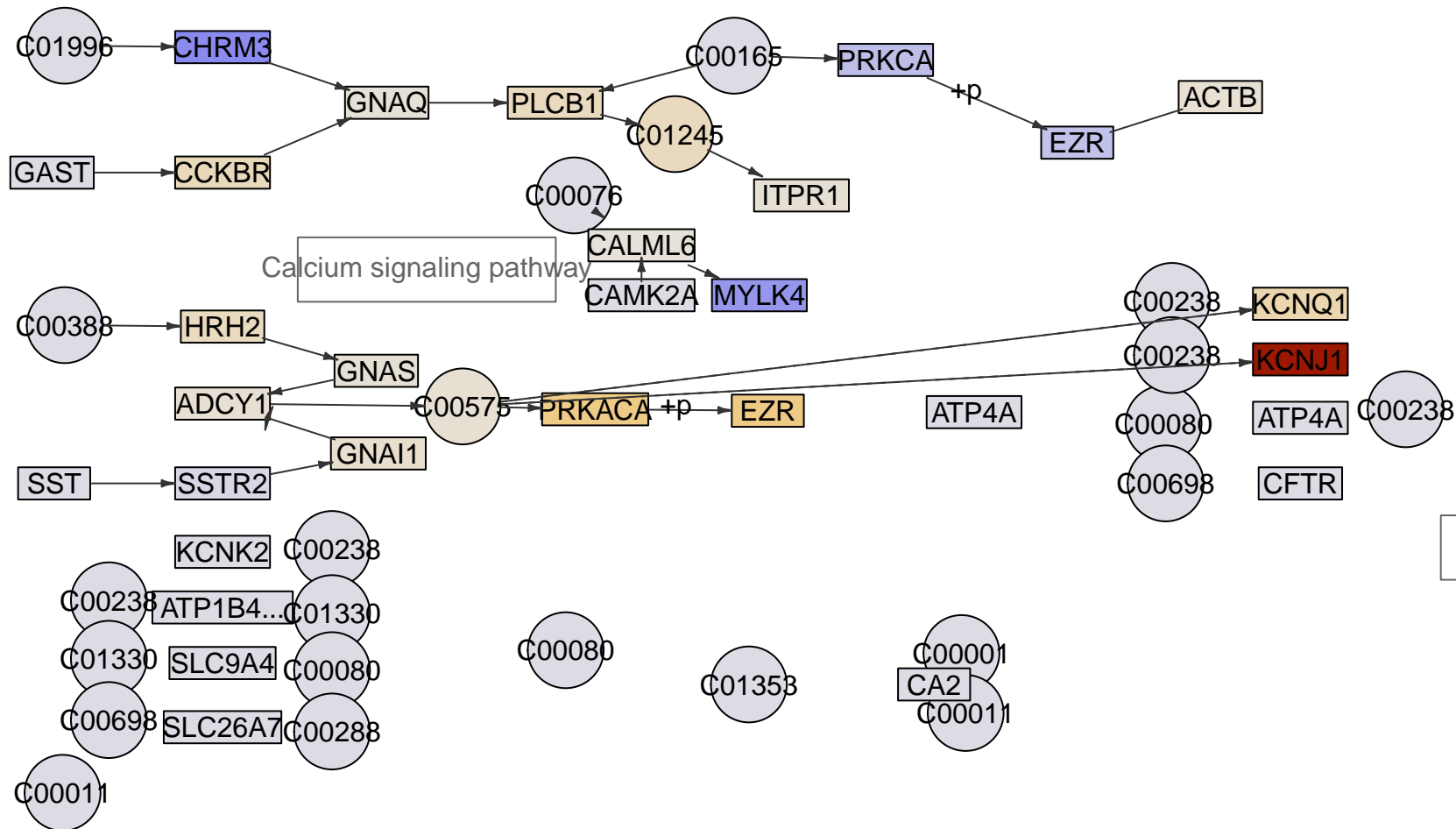
Protein digestion and absorption





Gastric acid secretion  
MPI-196

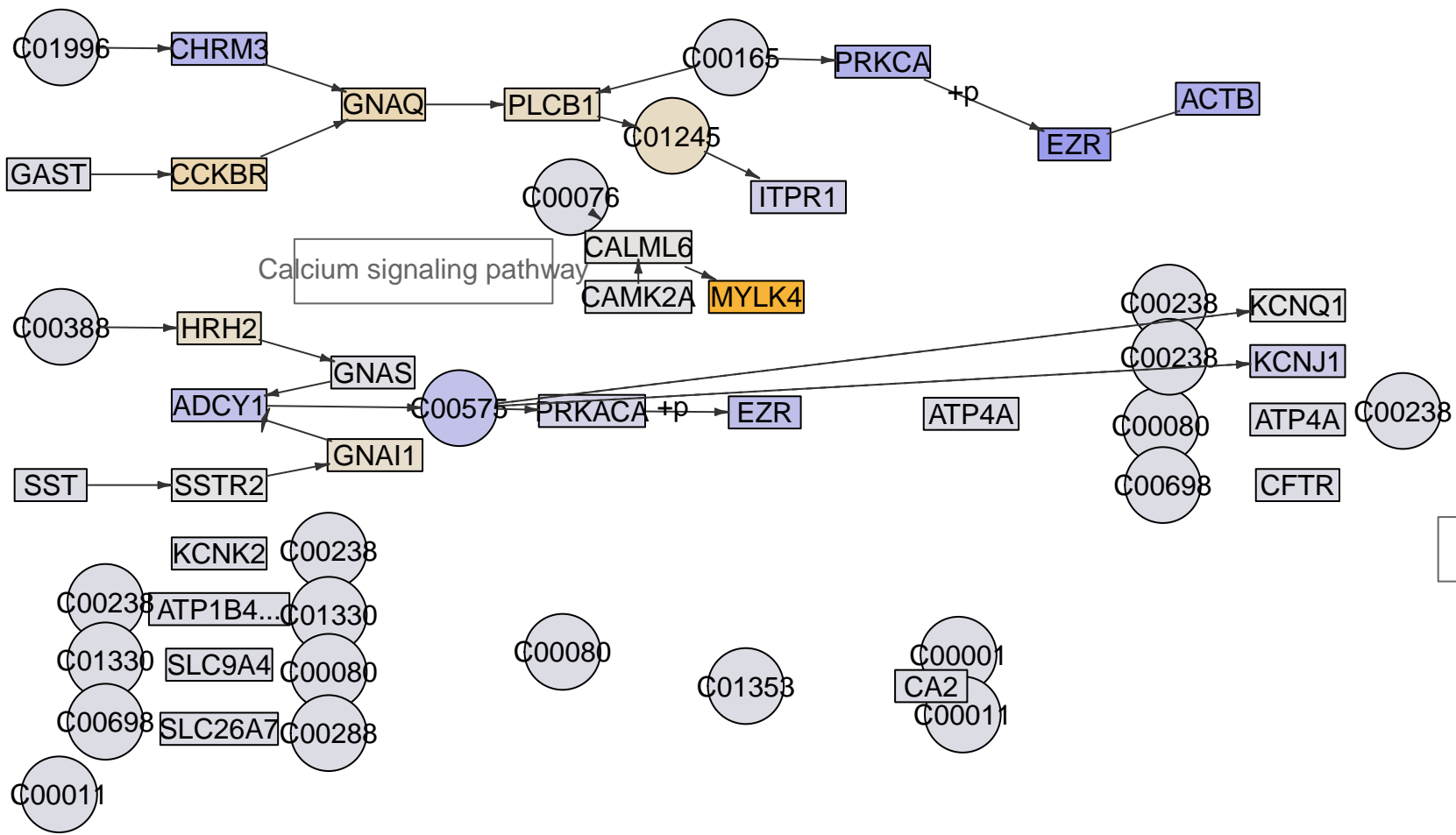
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-198

Tight junction

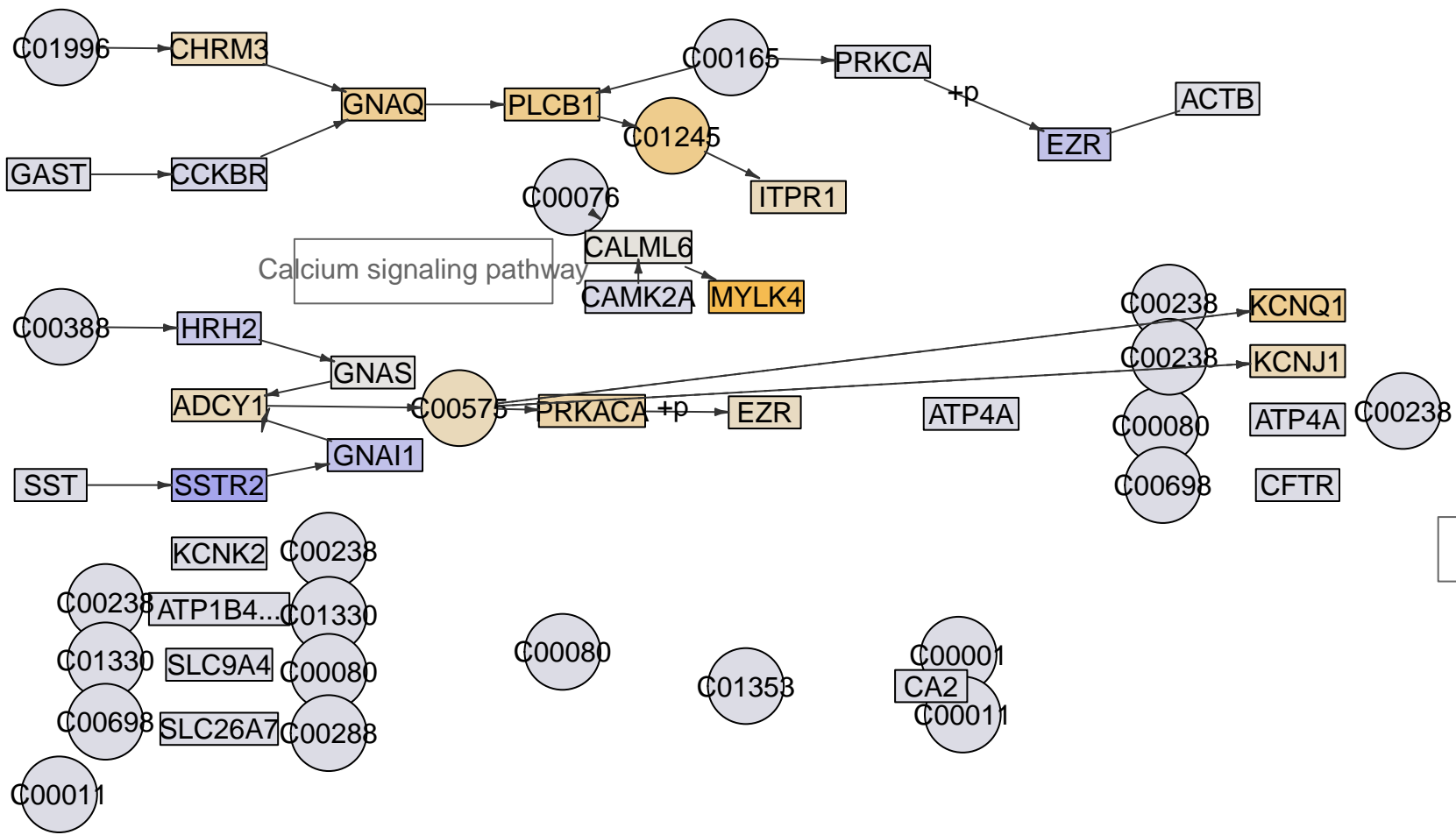


Protein digestion and absorption



Gastric acid secretion  
MPI-199

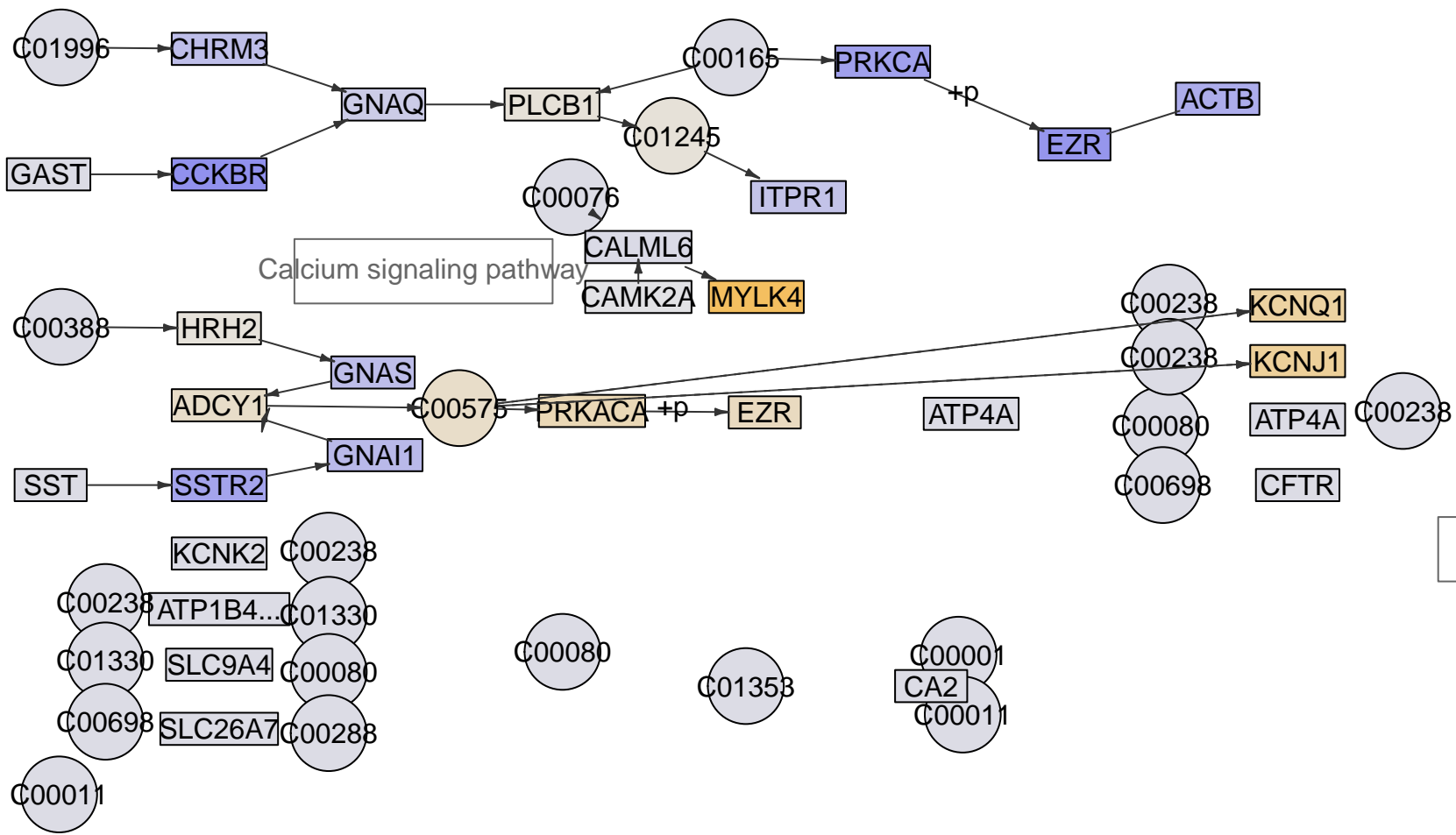
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-200

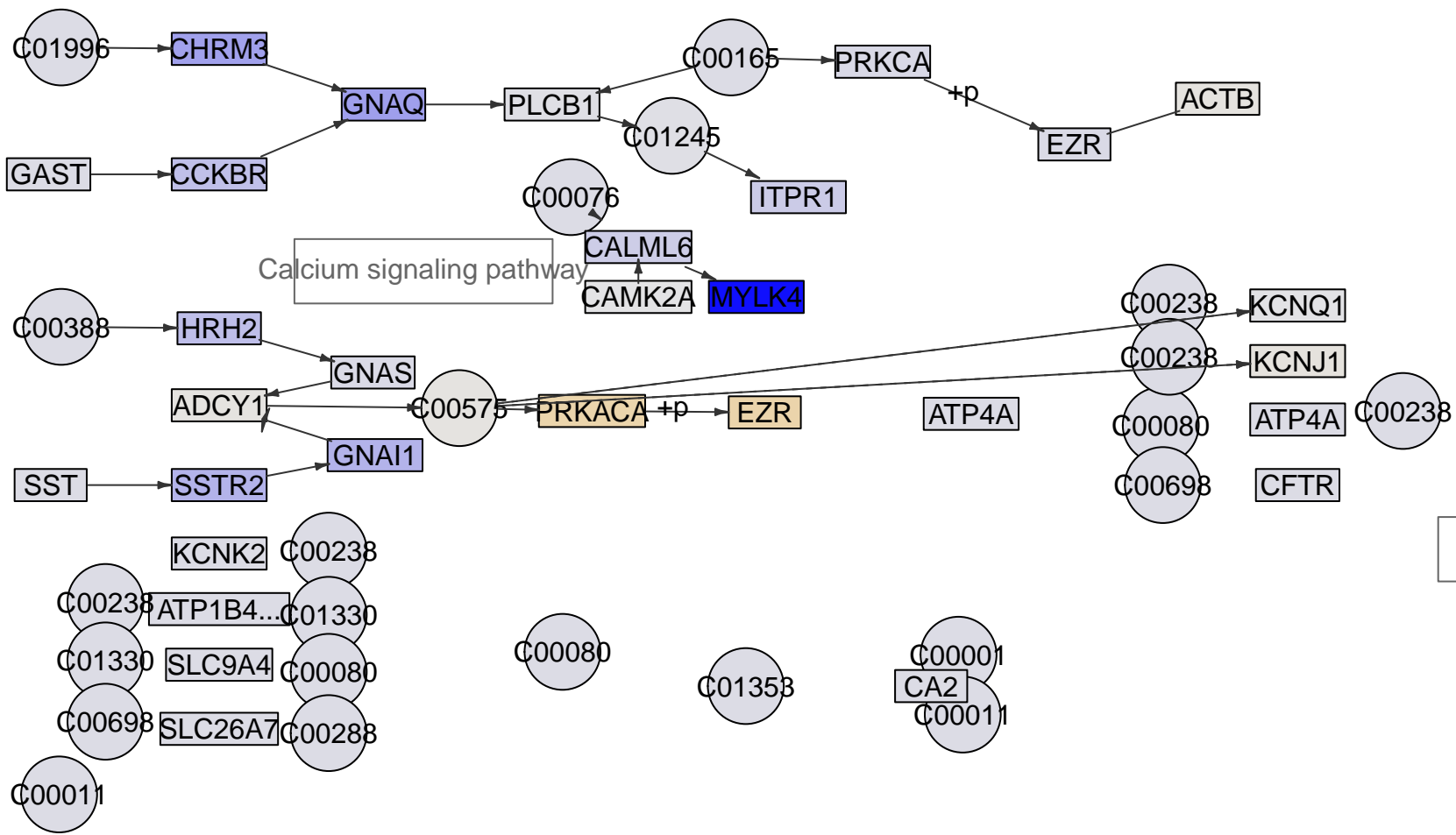
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-201

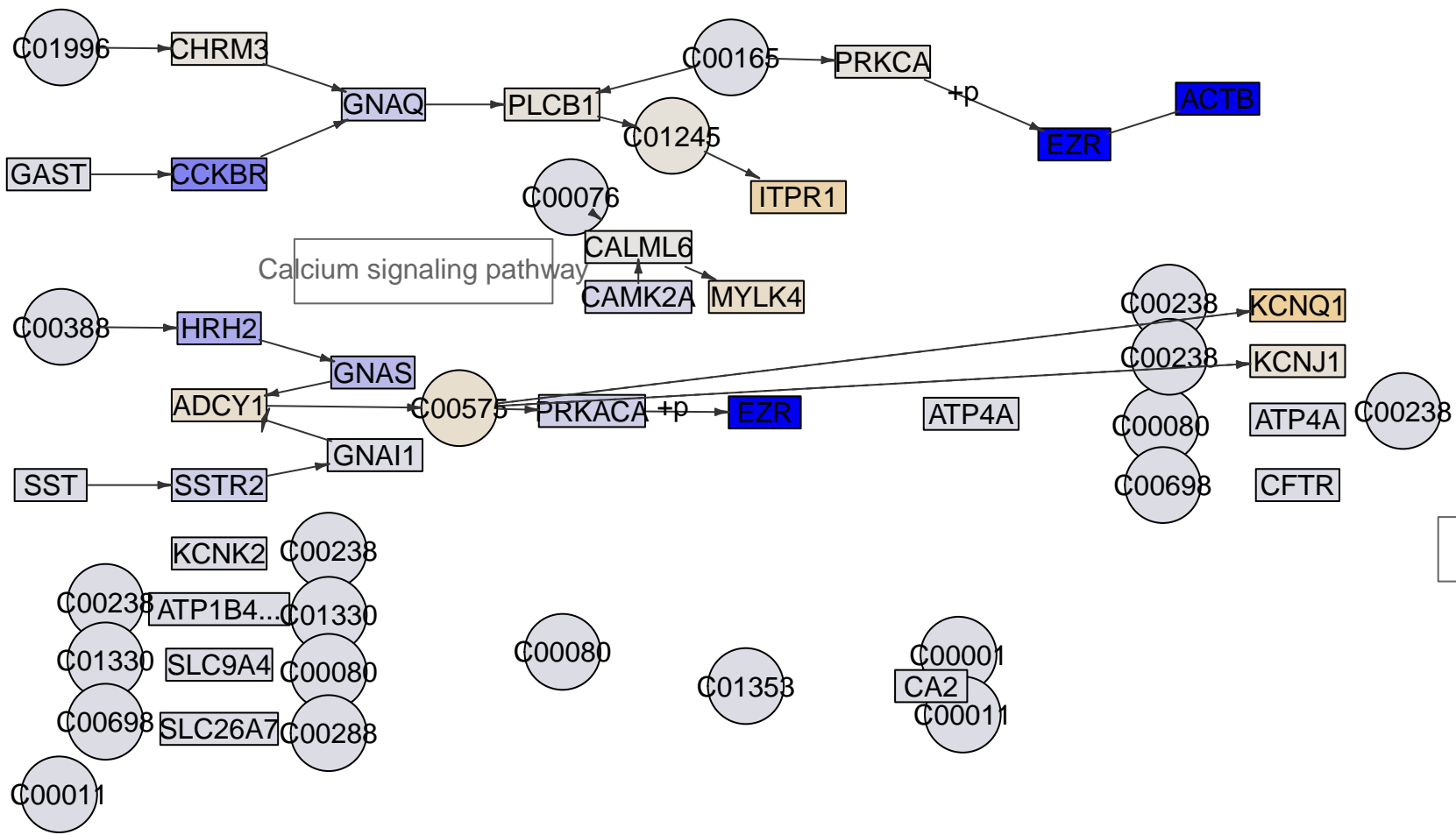
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-202

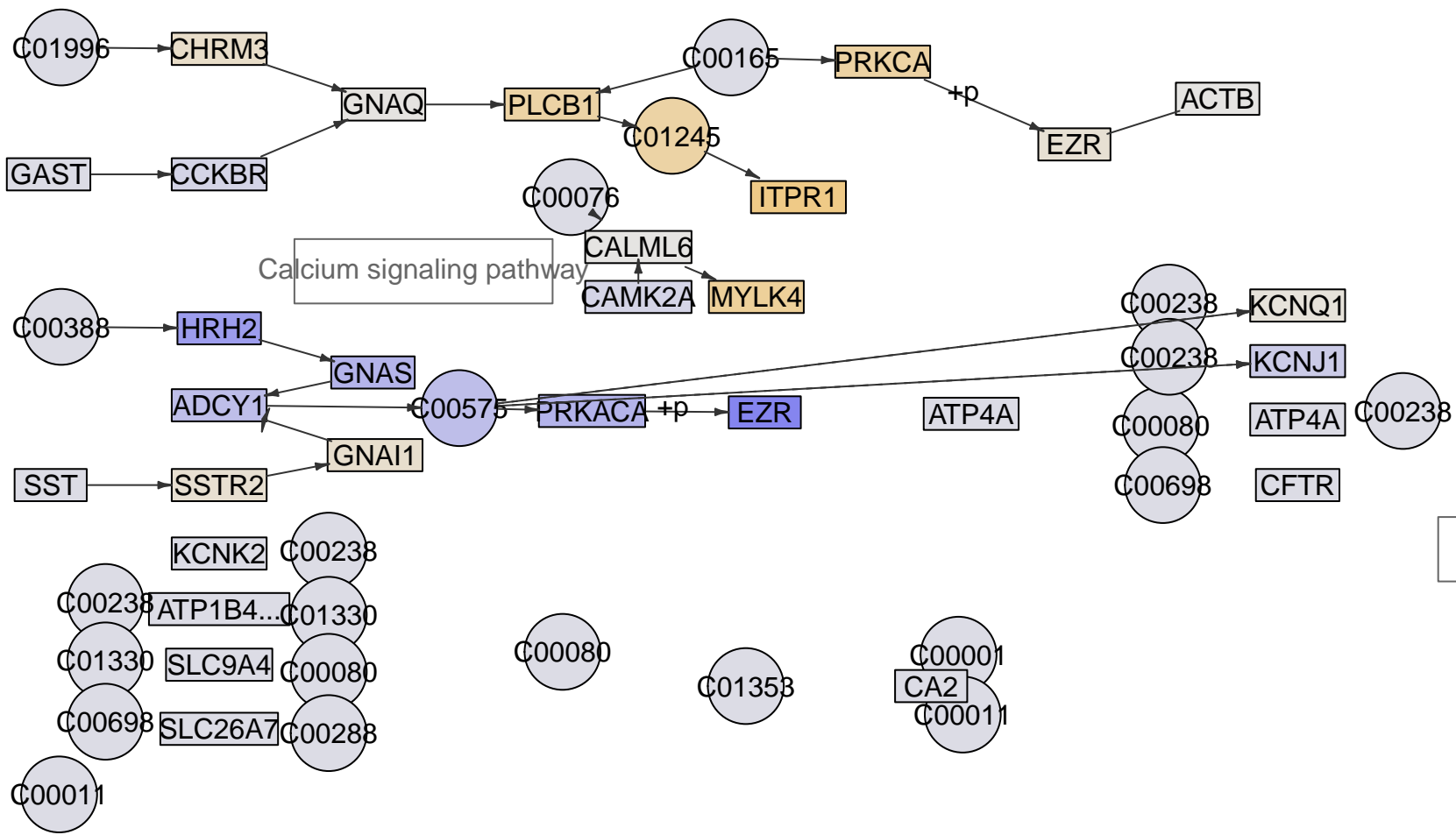
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-203

Tight junction

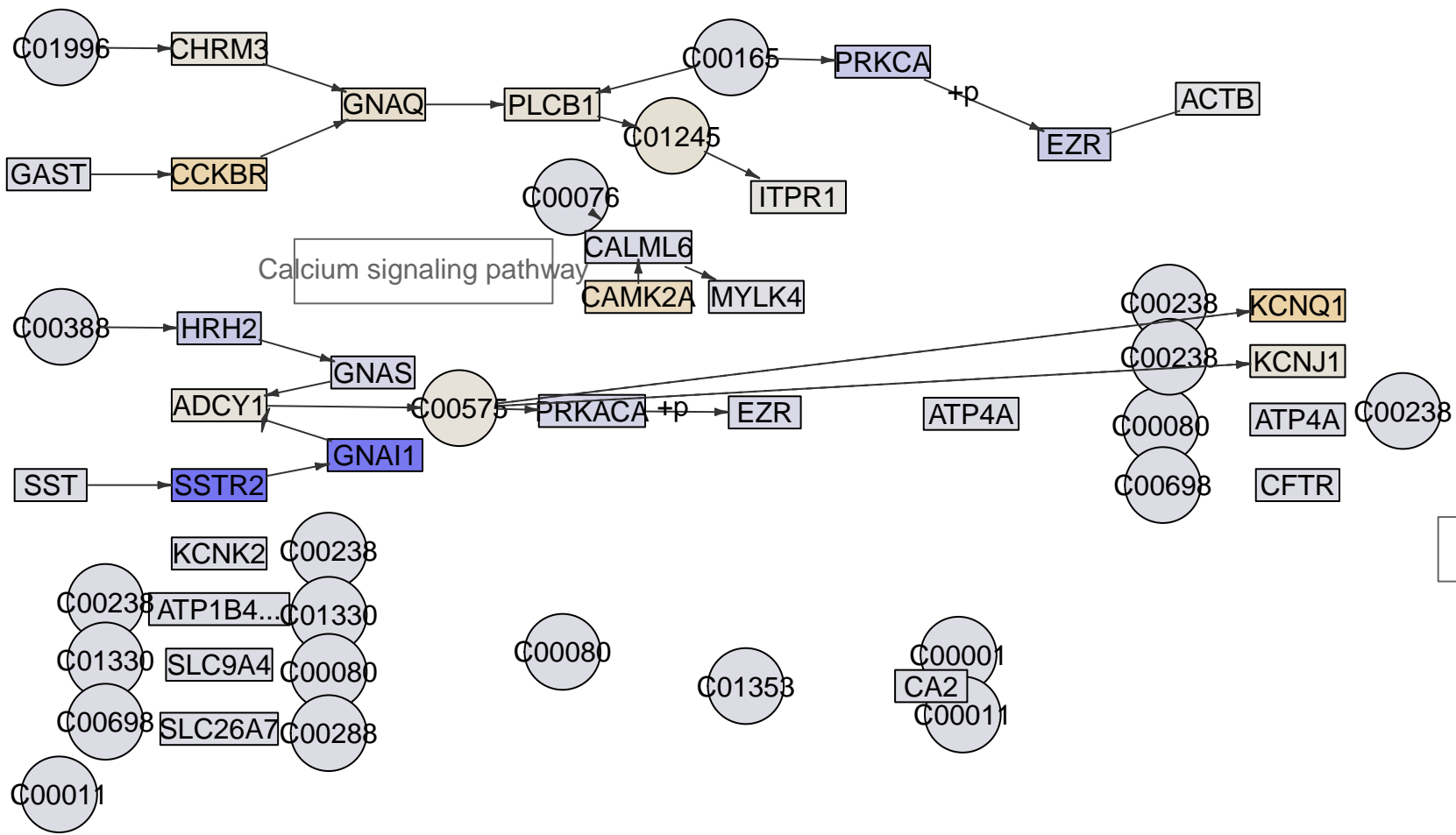


Protein digestion and absorption



Gastric acid secretion  
MPI-205

Tight junction



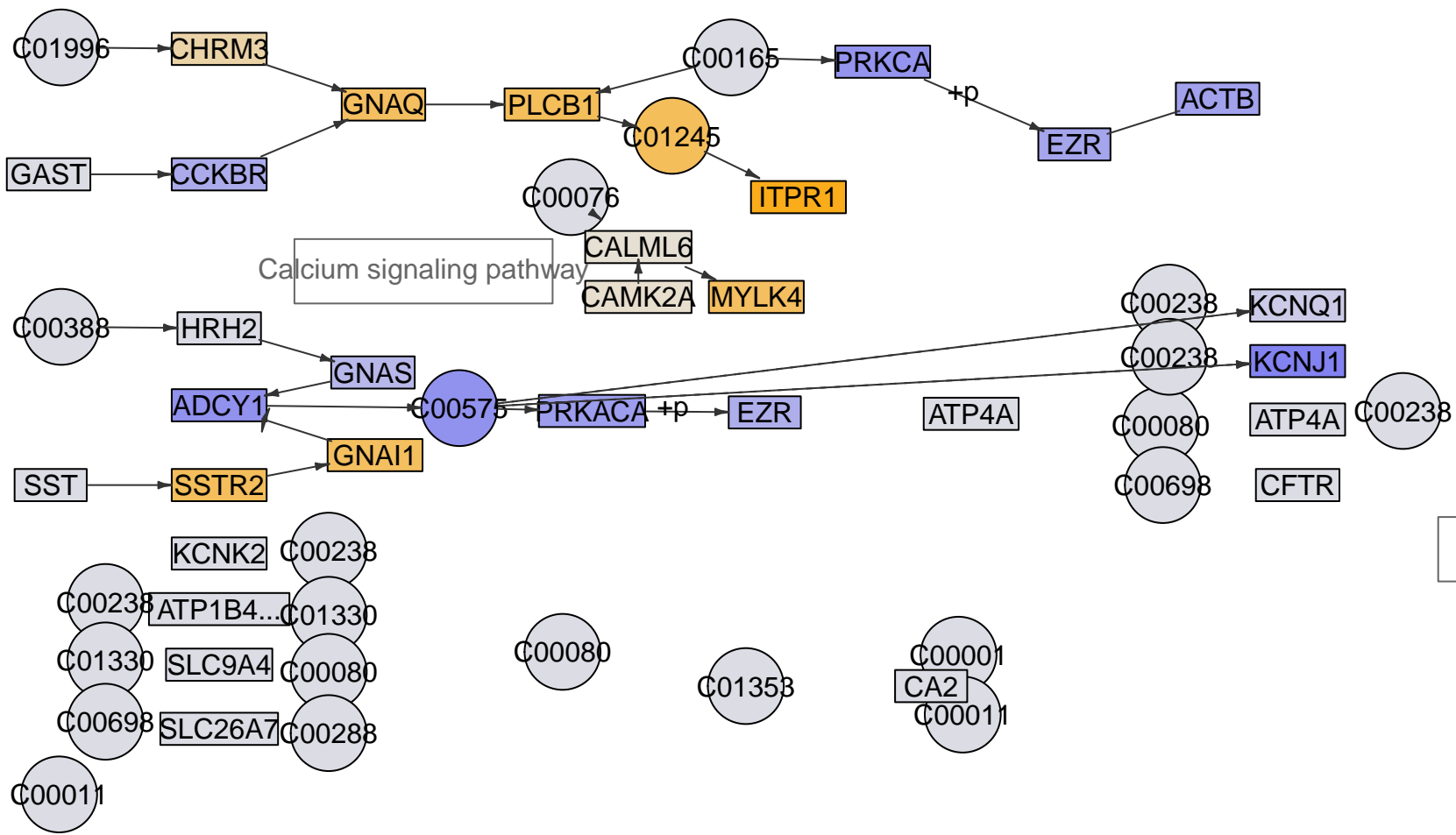
Protein digestion  
and absorption





Gastric acid secretion  
MPI-207

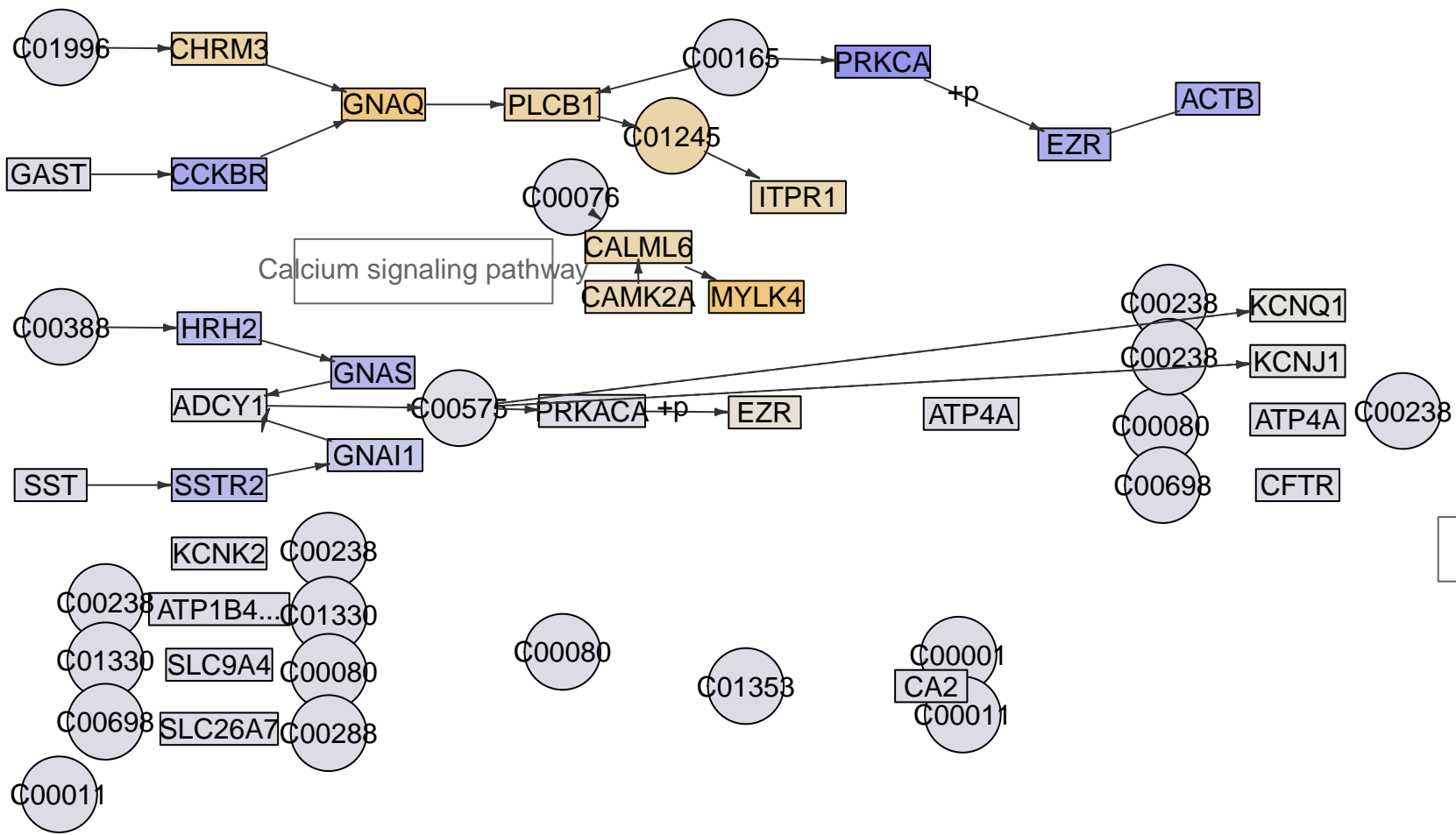
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-208

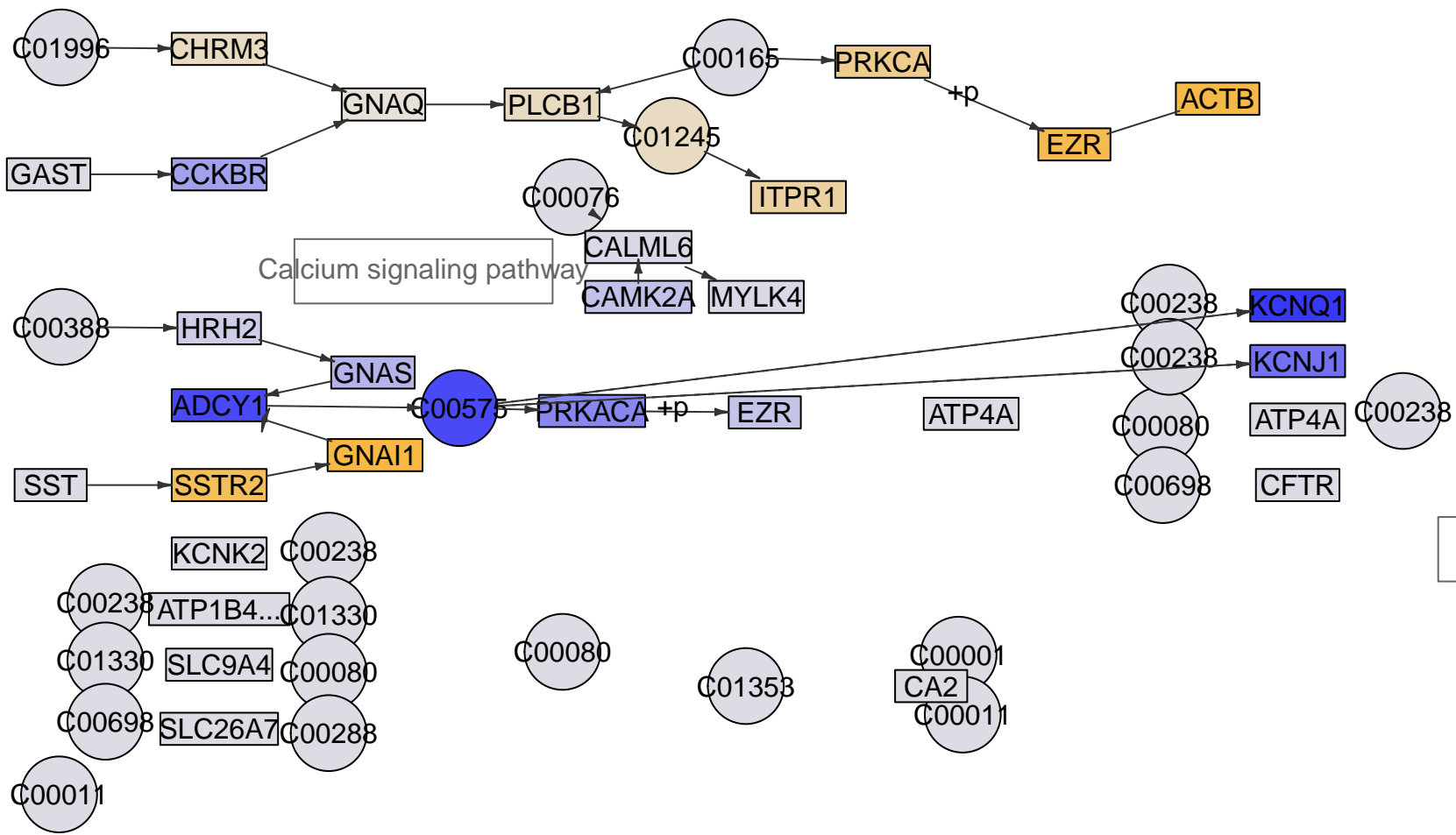
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-209

Tight junction

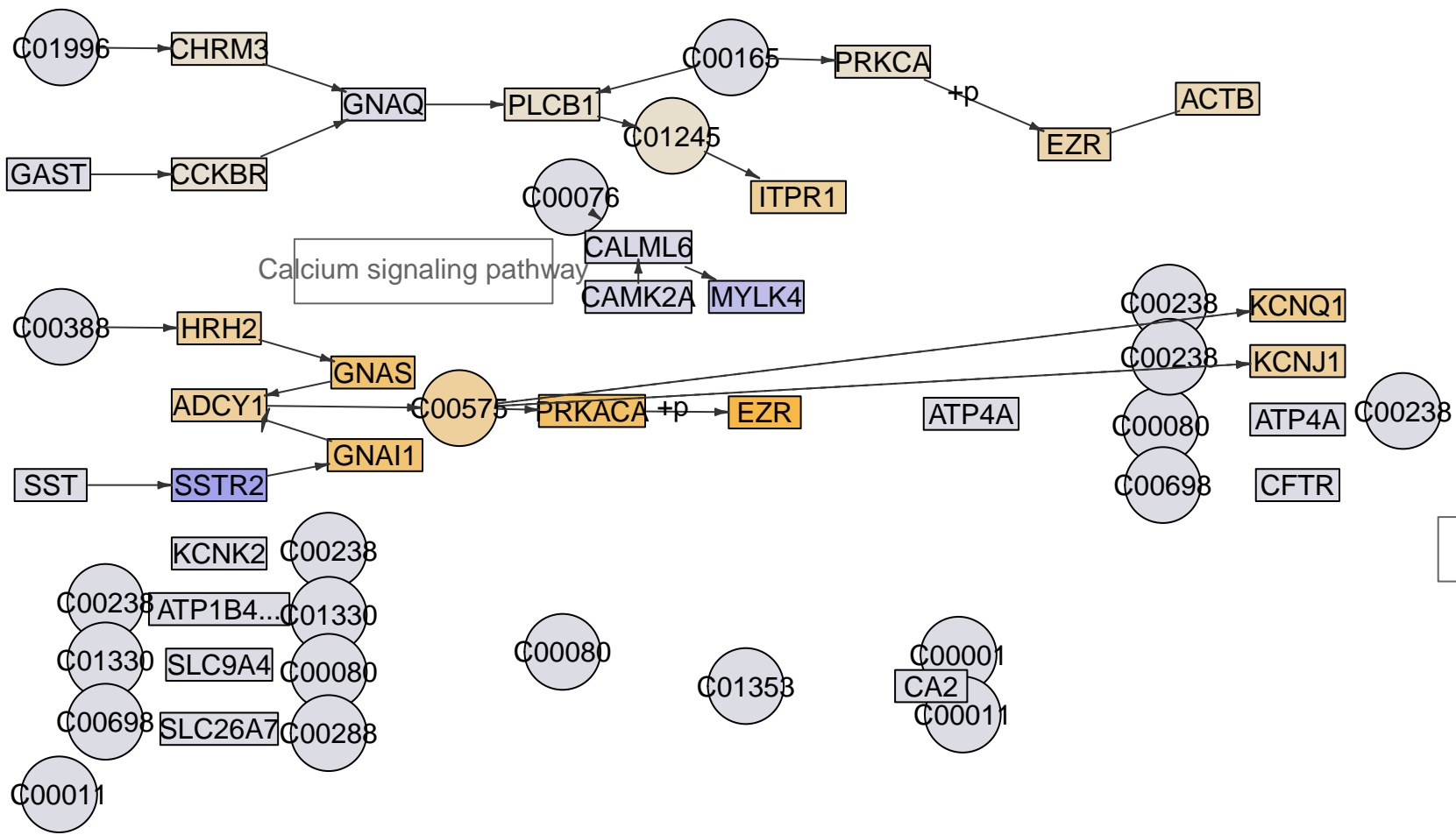


Protein digestion  
and absorption

Gastric acid secretion  
MPI-210

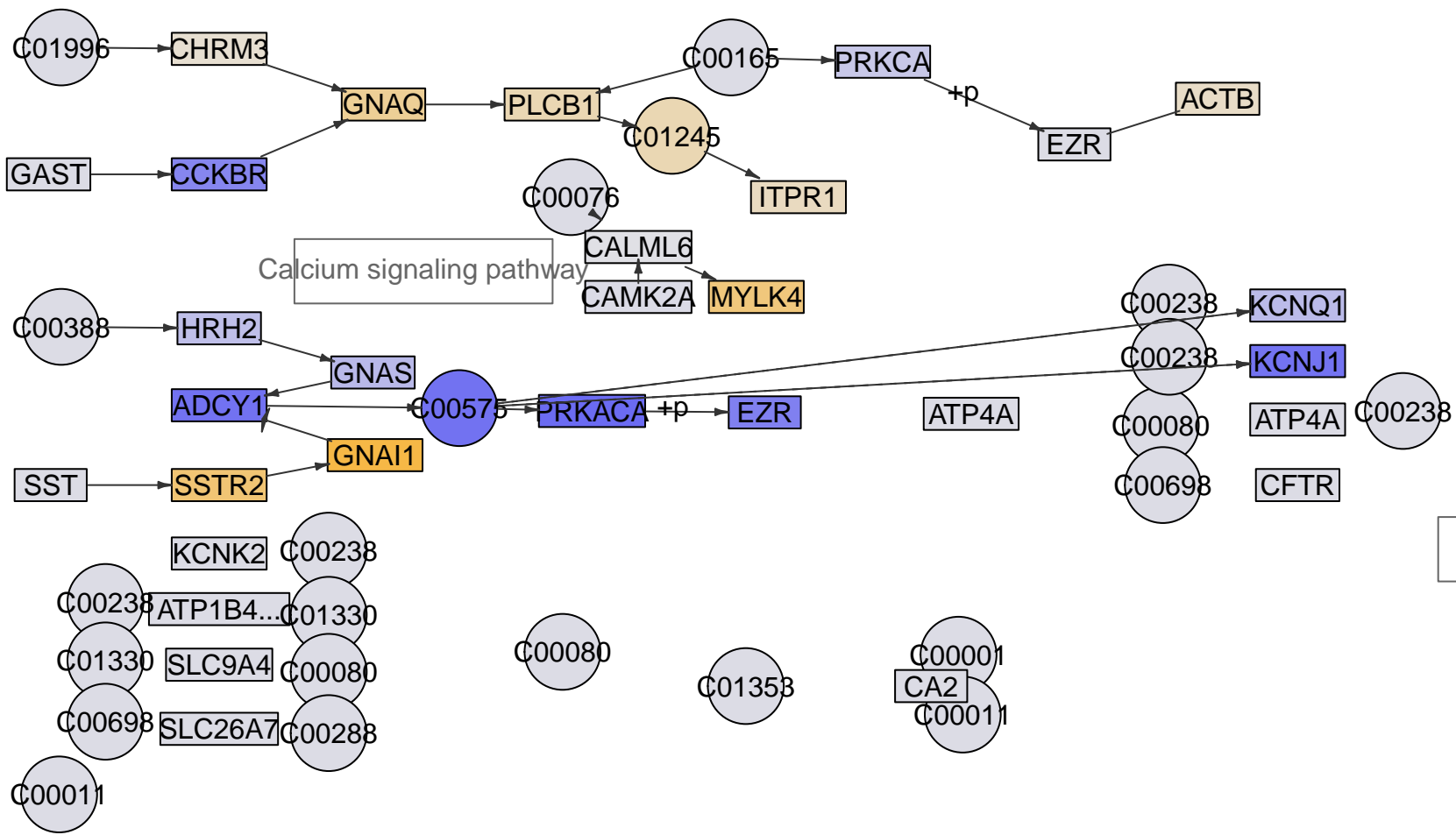
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-212

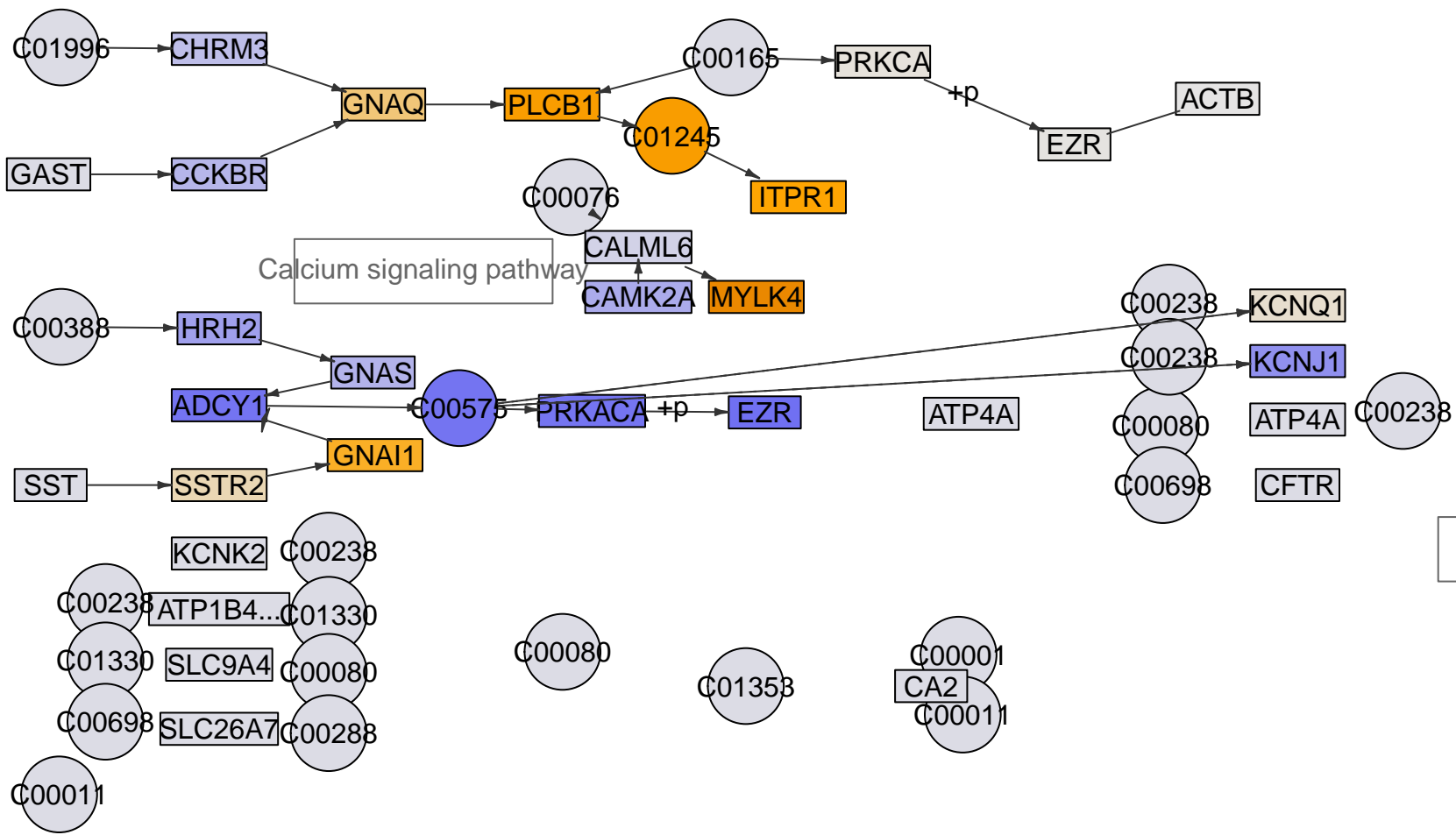
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-213

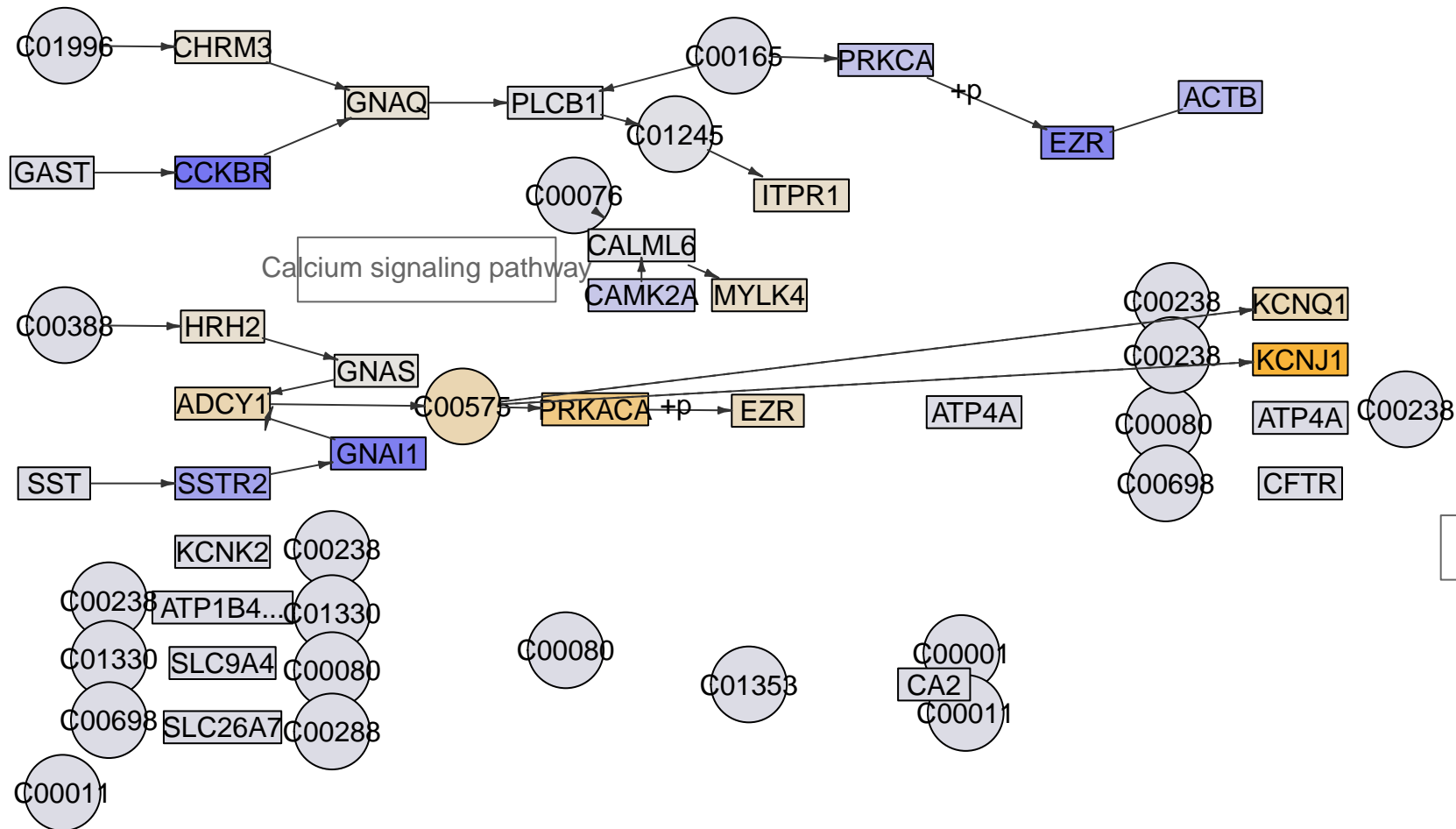
Tight junction



Protein digestion and absorption

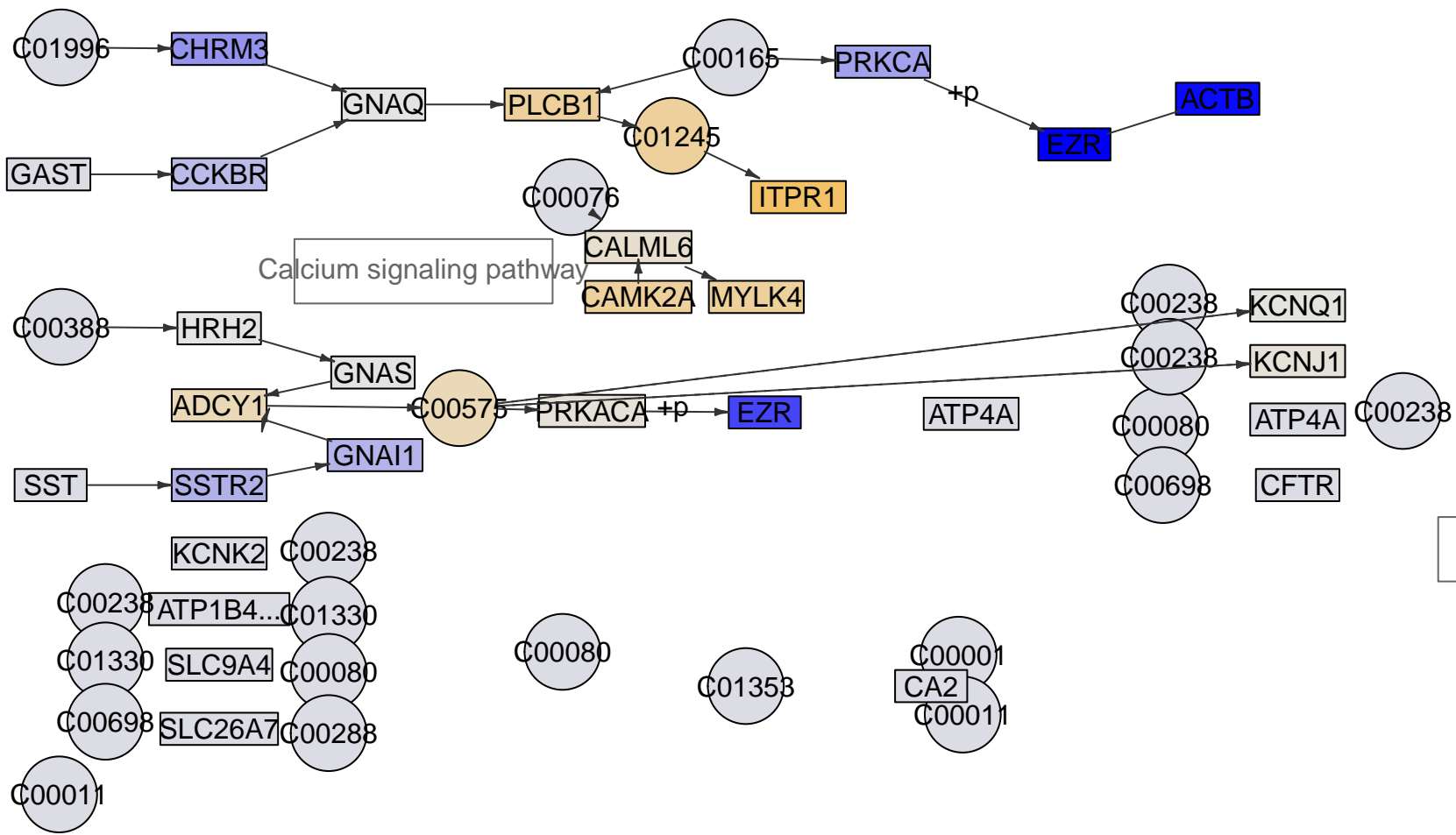
Gastric acid secretion  
MPI-215

Tight junction



Gastric acid secretion  
MPI-219

Tight junction

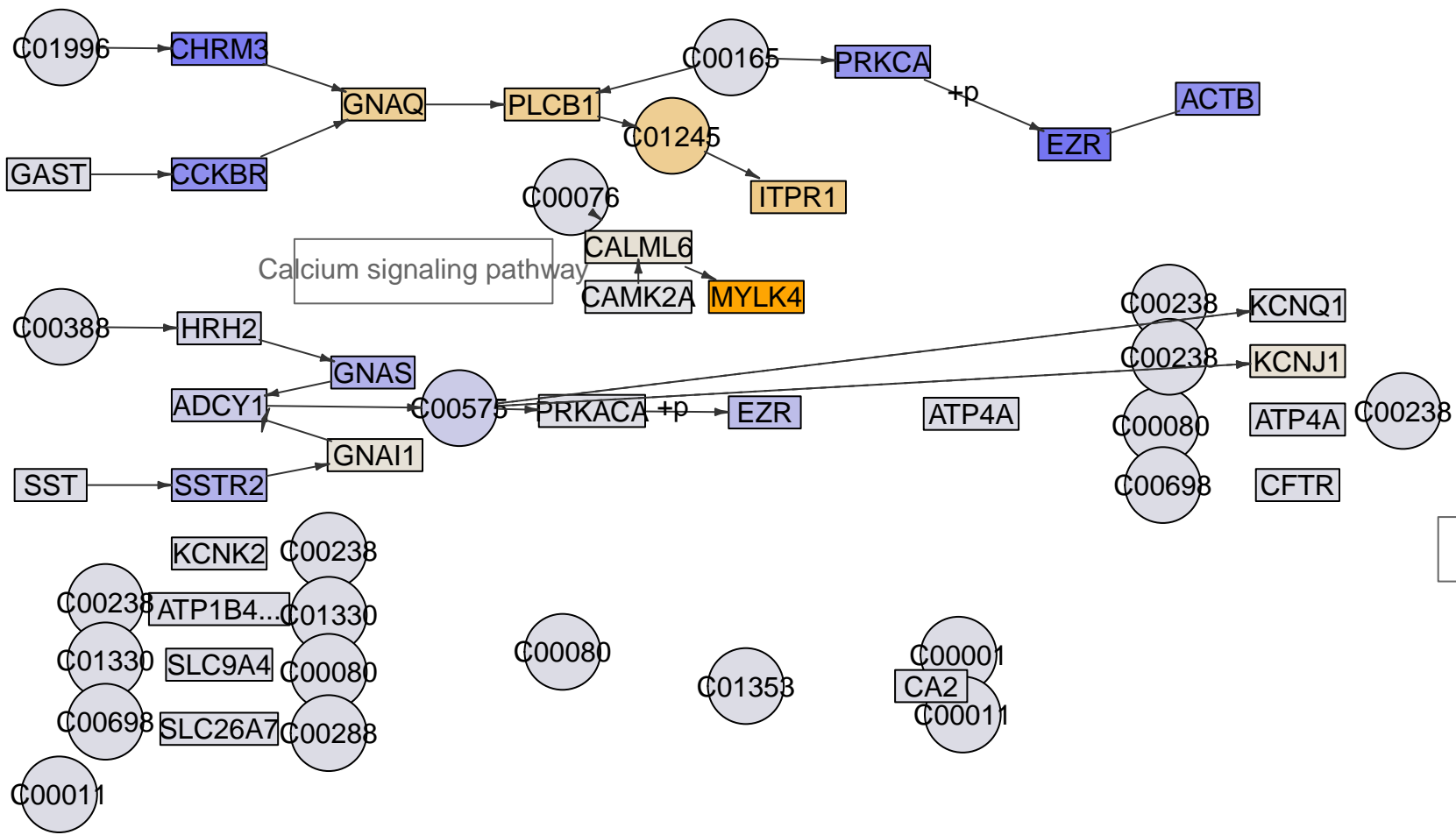


Protein digestion and absorption



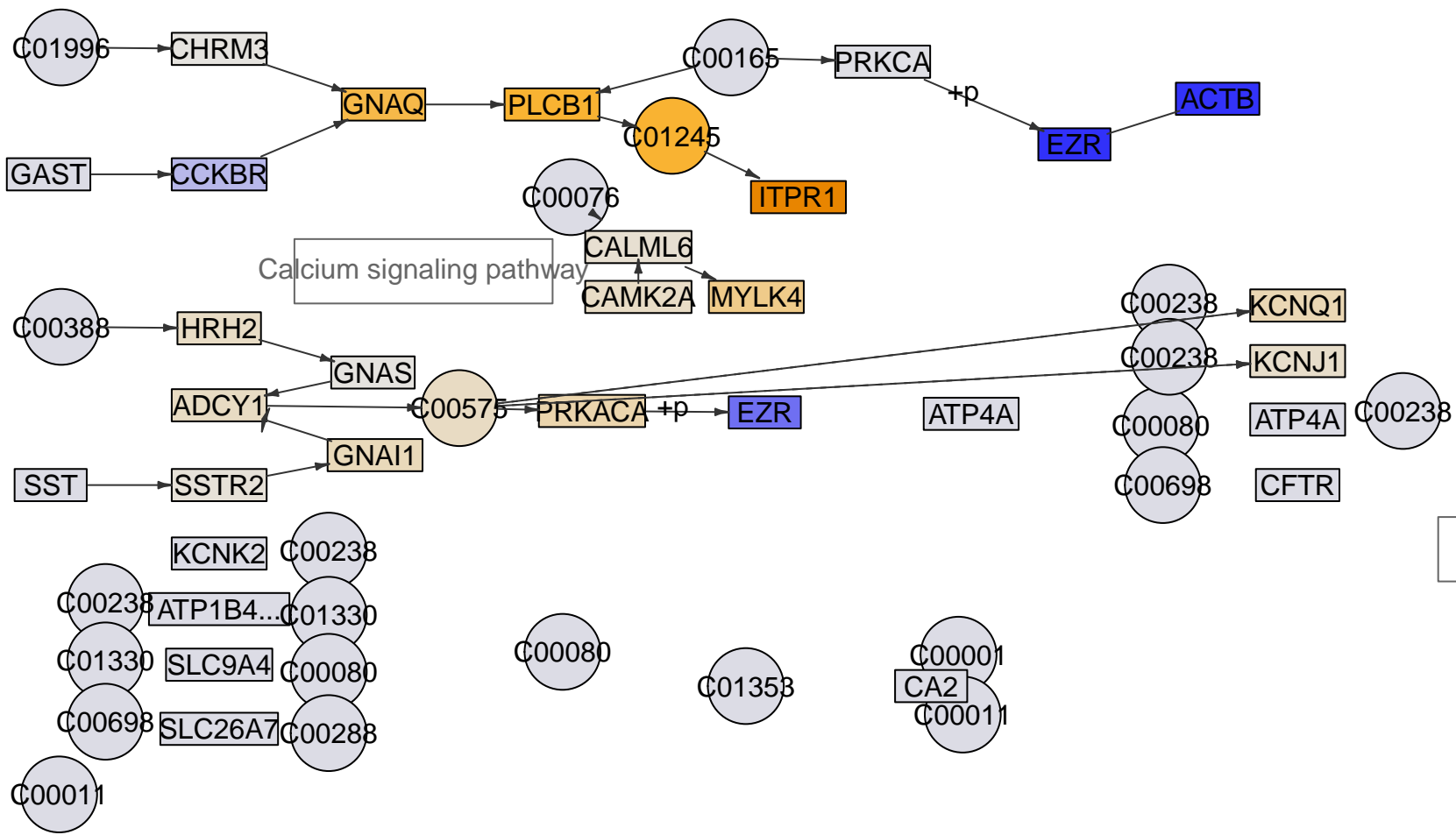
Gastric acid secretion  
MPI-221

Tight junction



Gastric acid secretion  
MPI-223a

Tight junction

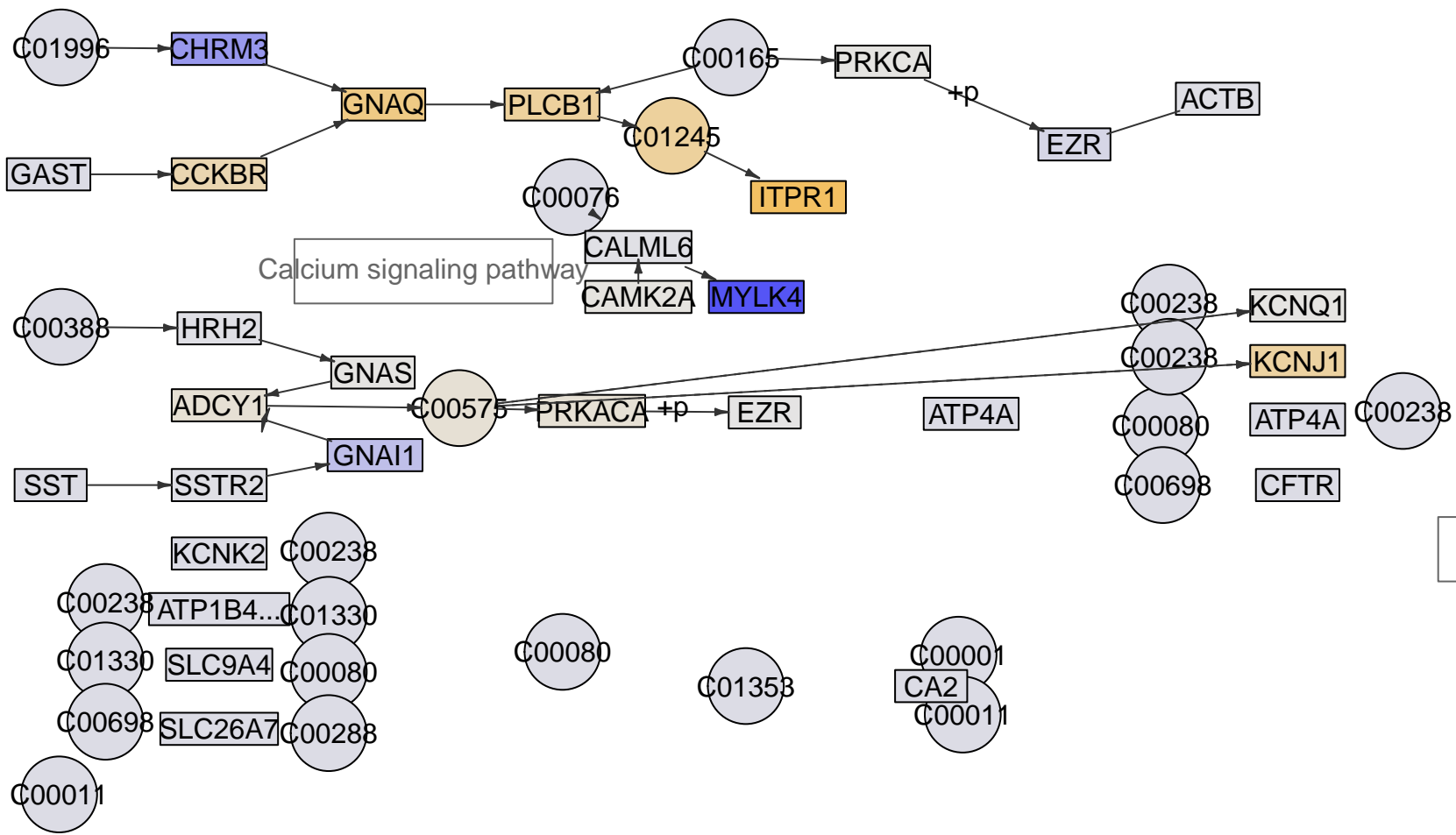


Protein digestion  
and absorption

Gastric acid secretion  
MPI-224

Tight junction

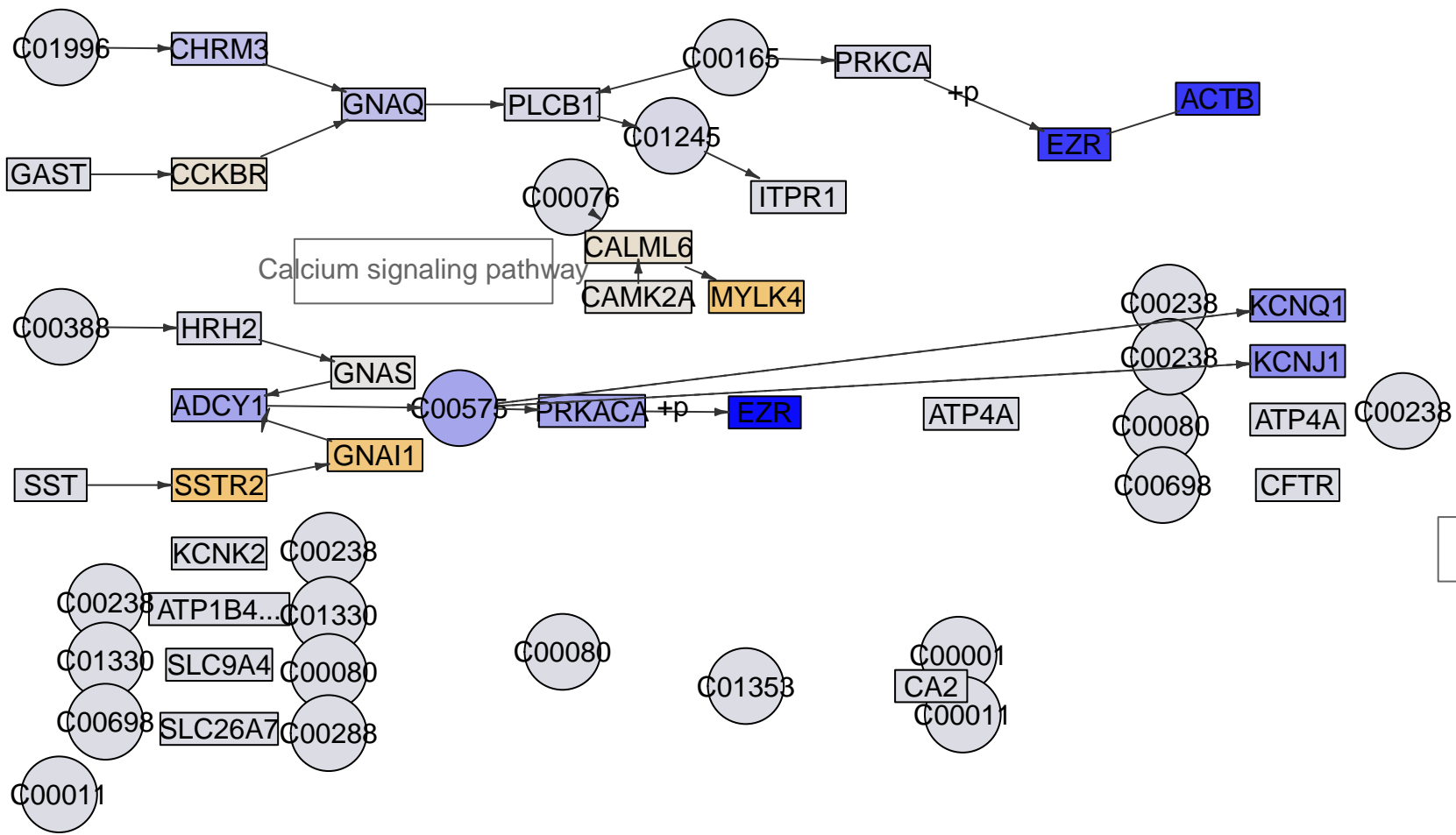
Protein digestion and absorption





Gastric acid secretion  
MPI-227

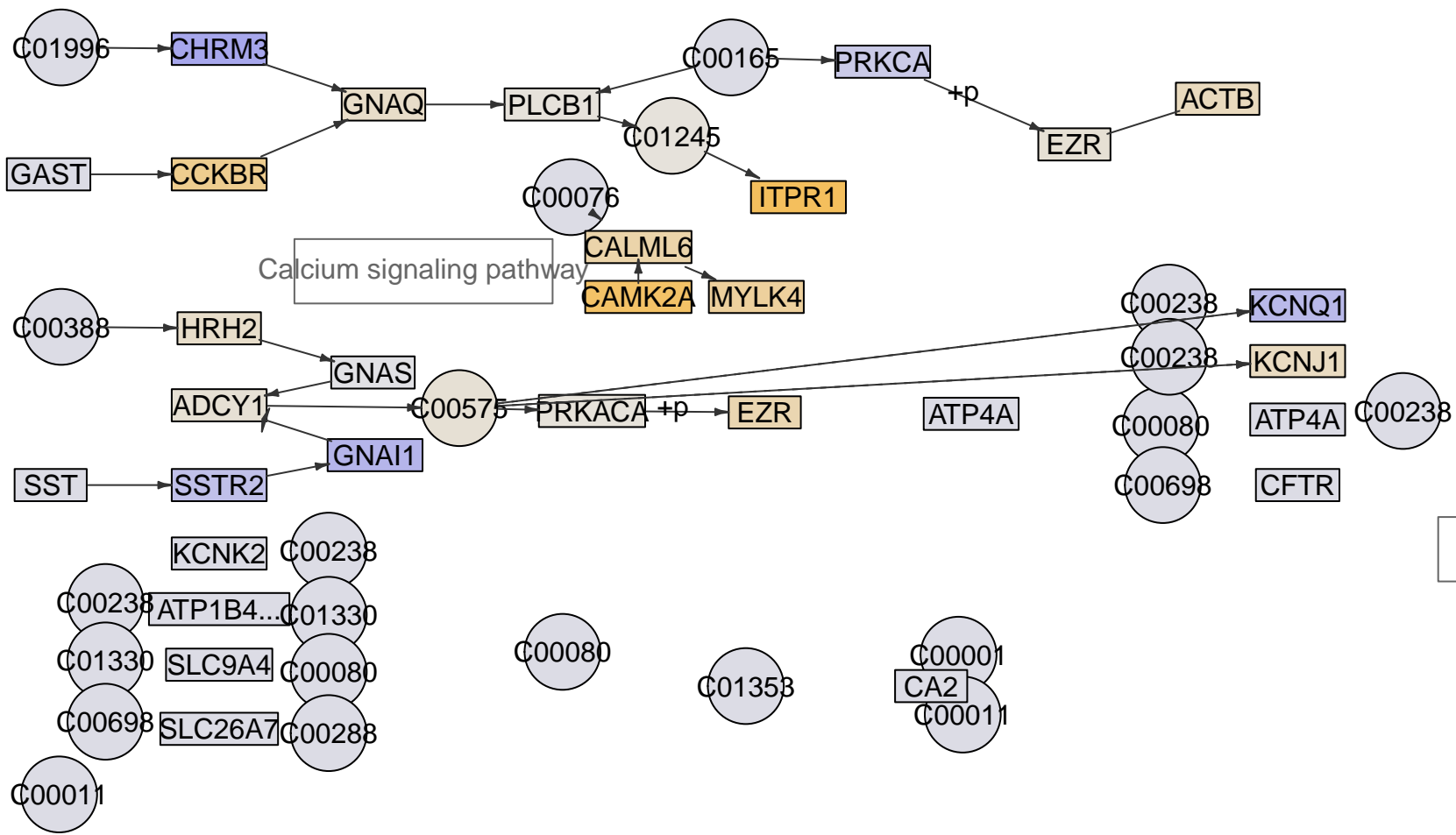
Tight junction



Gastric acid secretion  
MPI-228

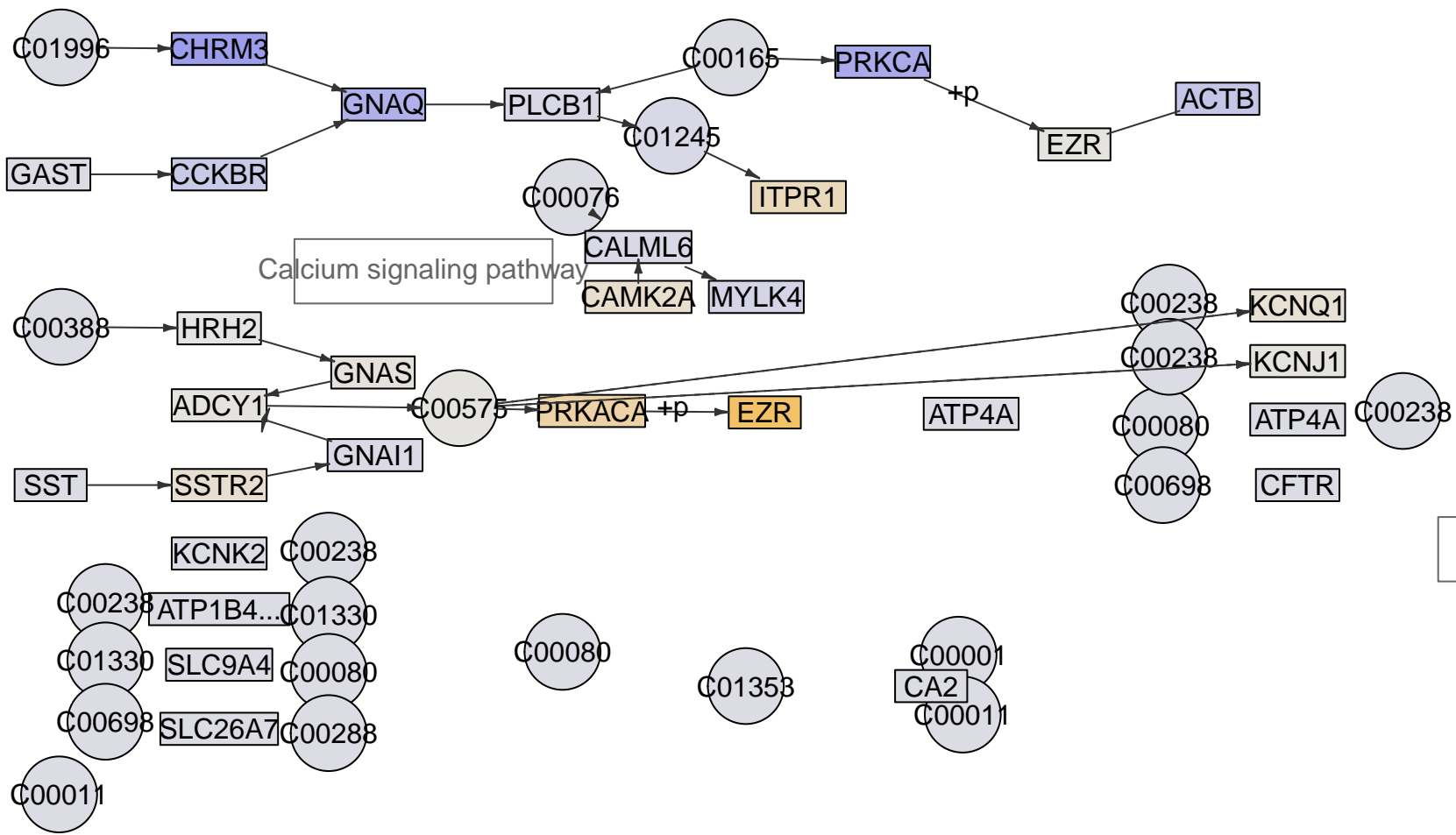
Tight junction

Protein digestion and absorption



Gastric acid secretion  
MPI-229

Tight junction

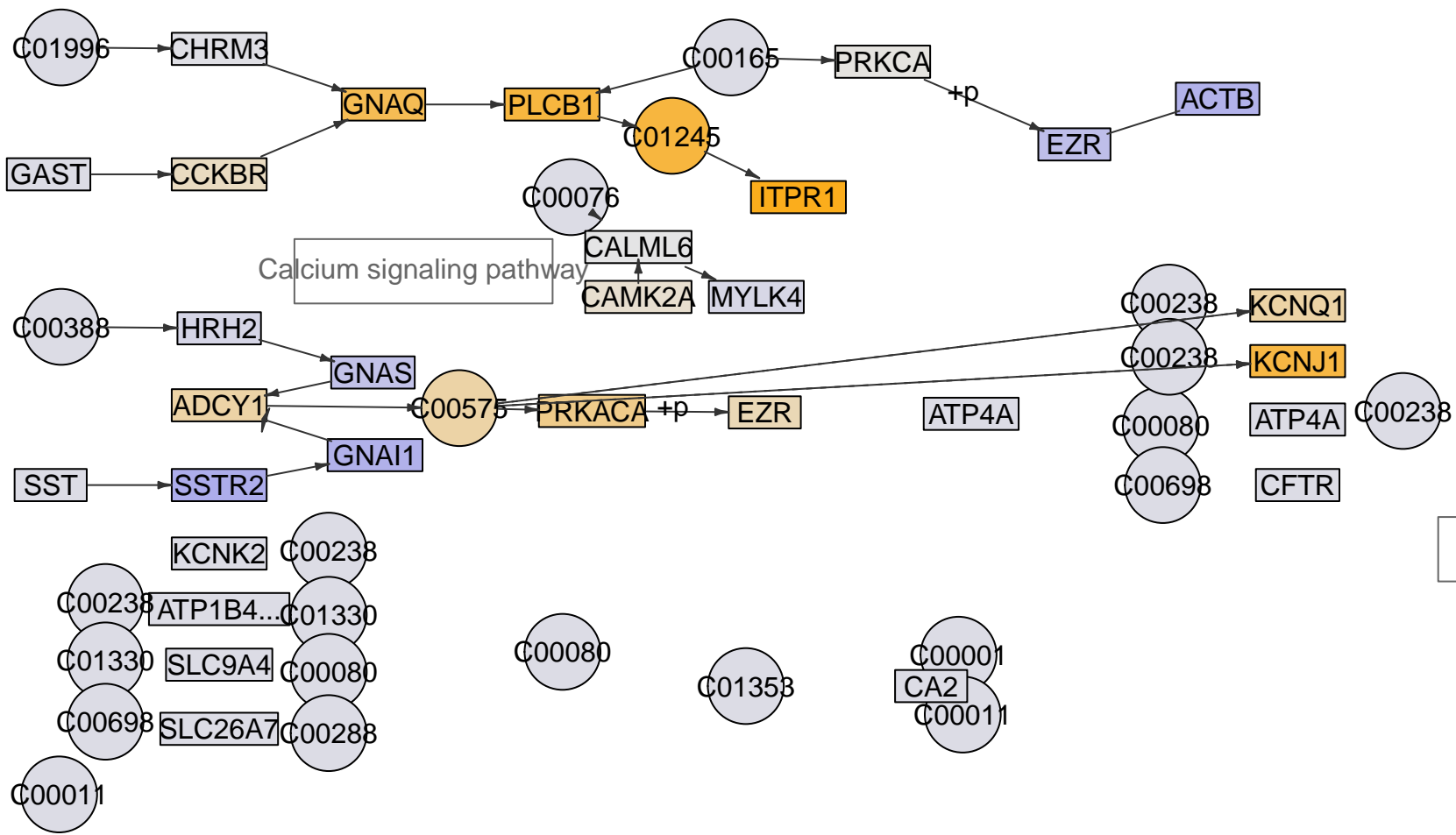


Protein digestion and absorption

Gastric acid secretion  
MPI-230

Tight junction

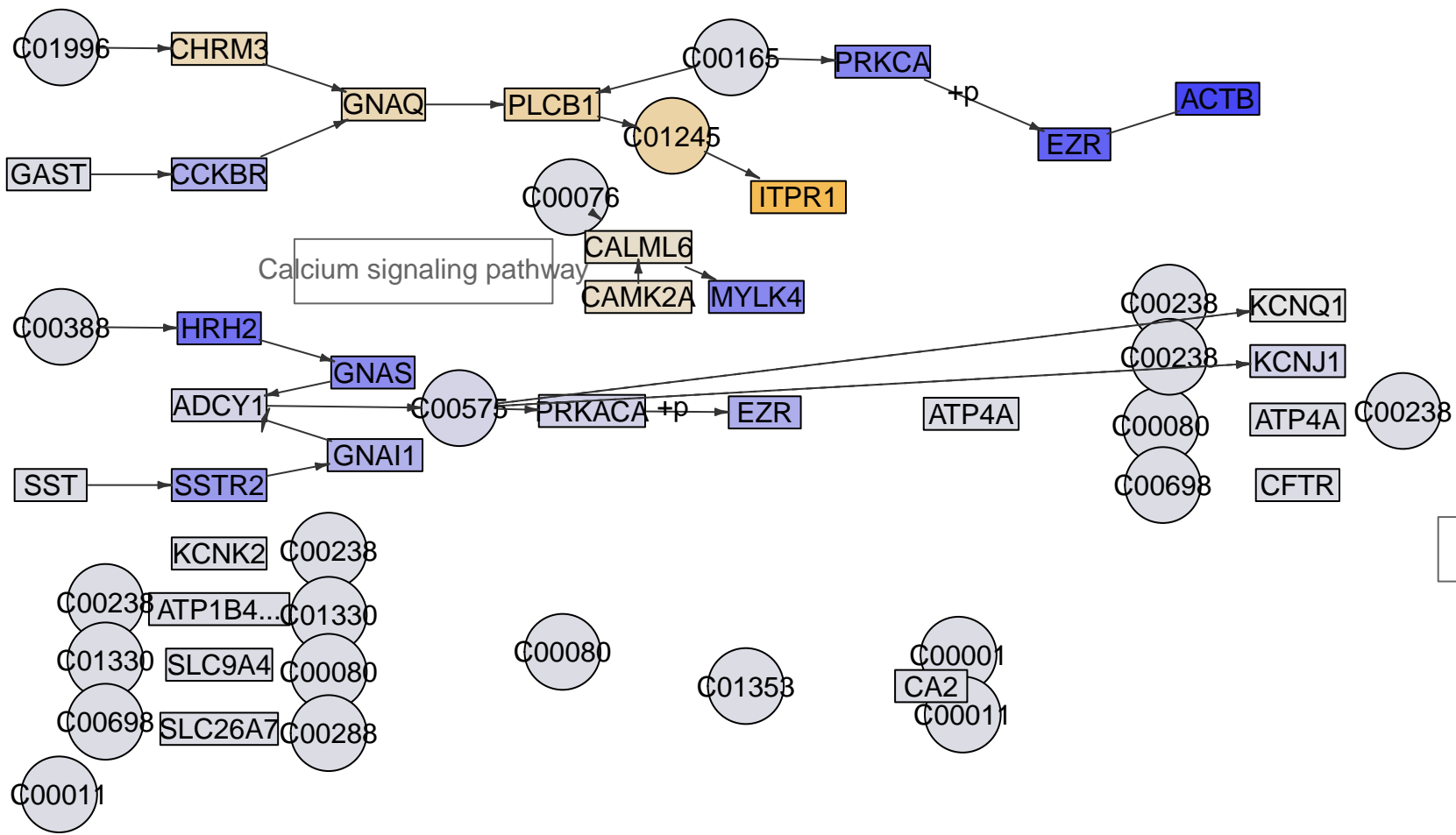
Protein digestion  
and absorption





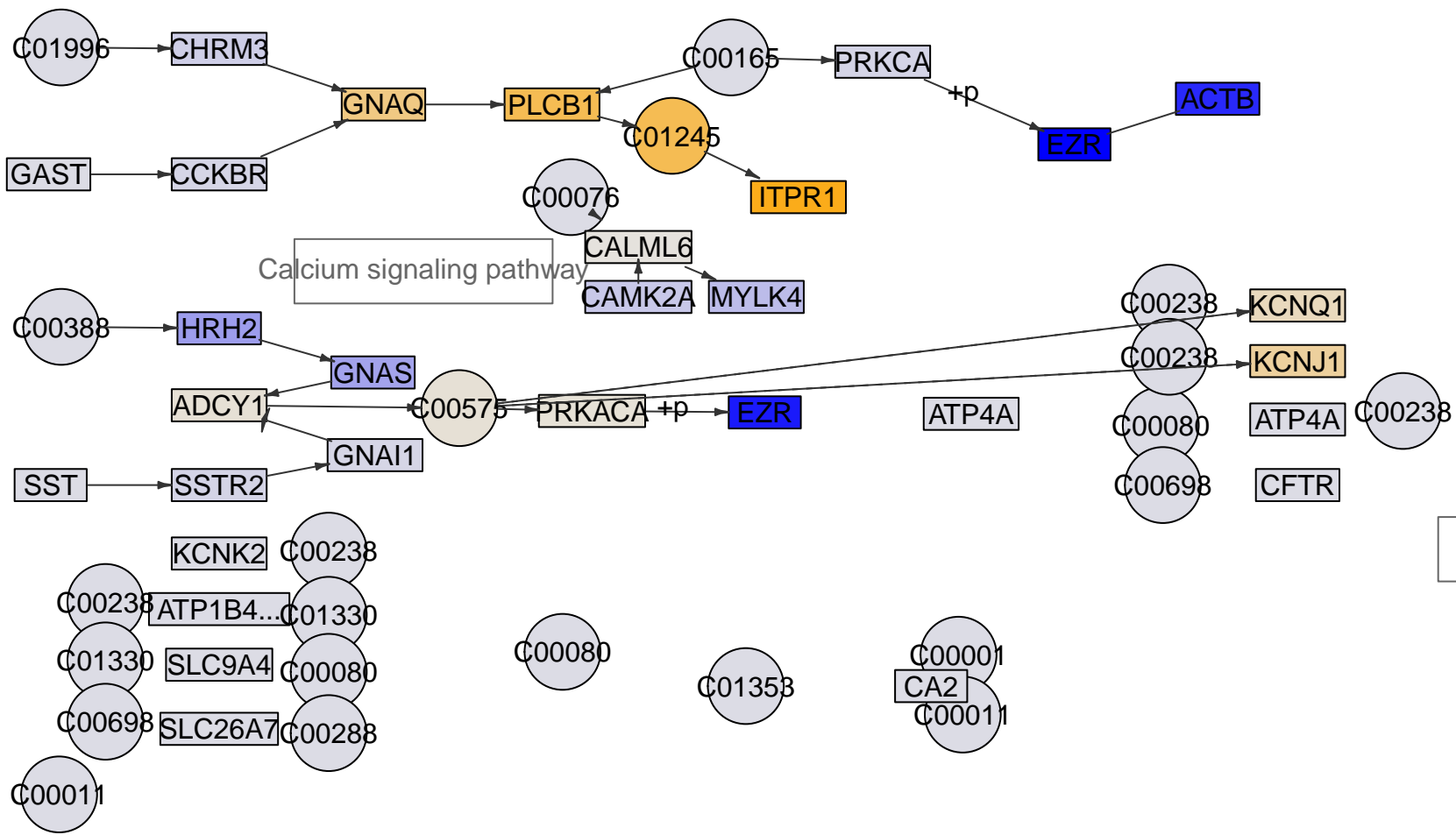
Gastric acid secretion  
MPI-231

Tight junction



Gastric acid secretion  
MPI-232

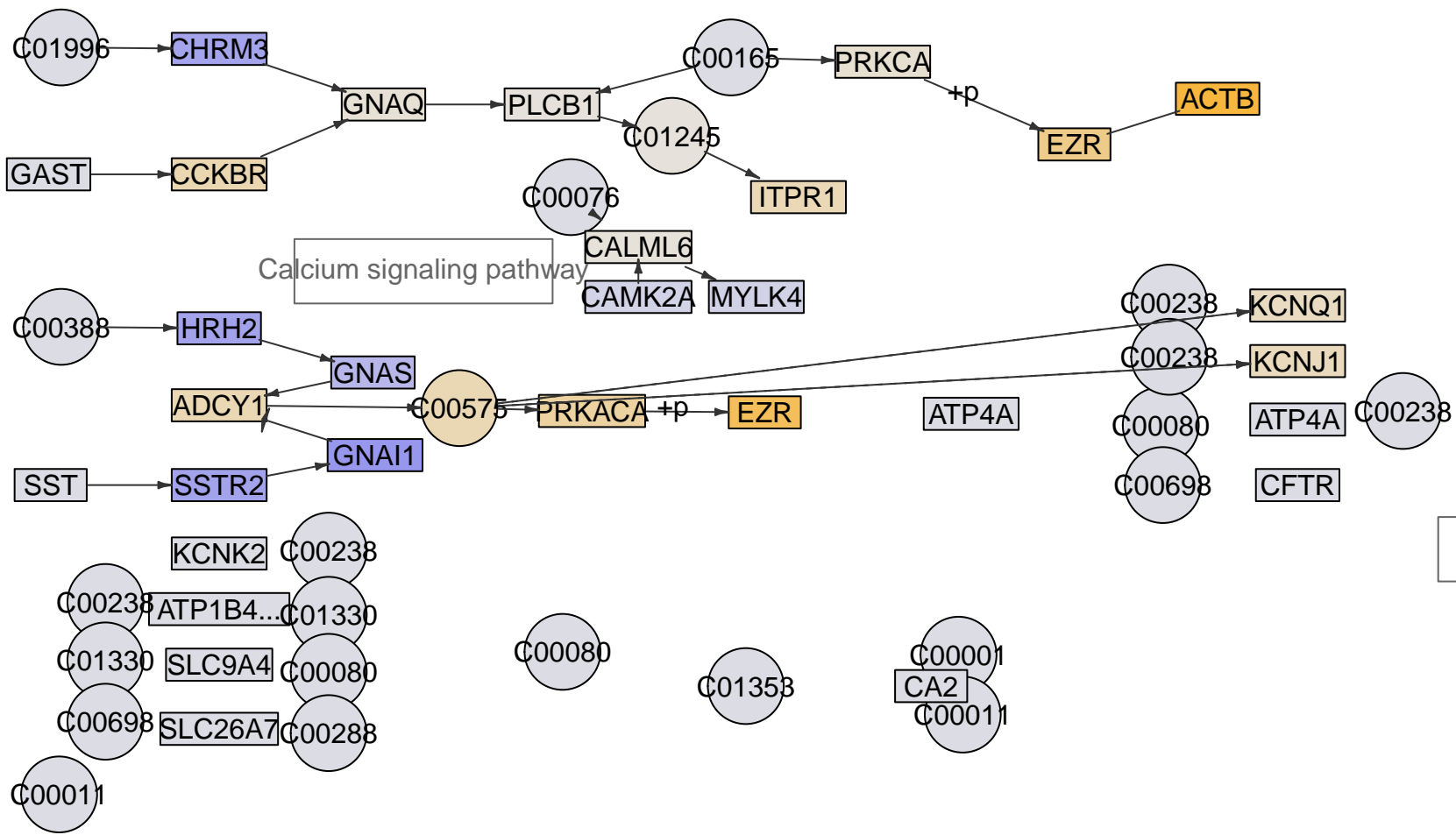
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-233

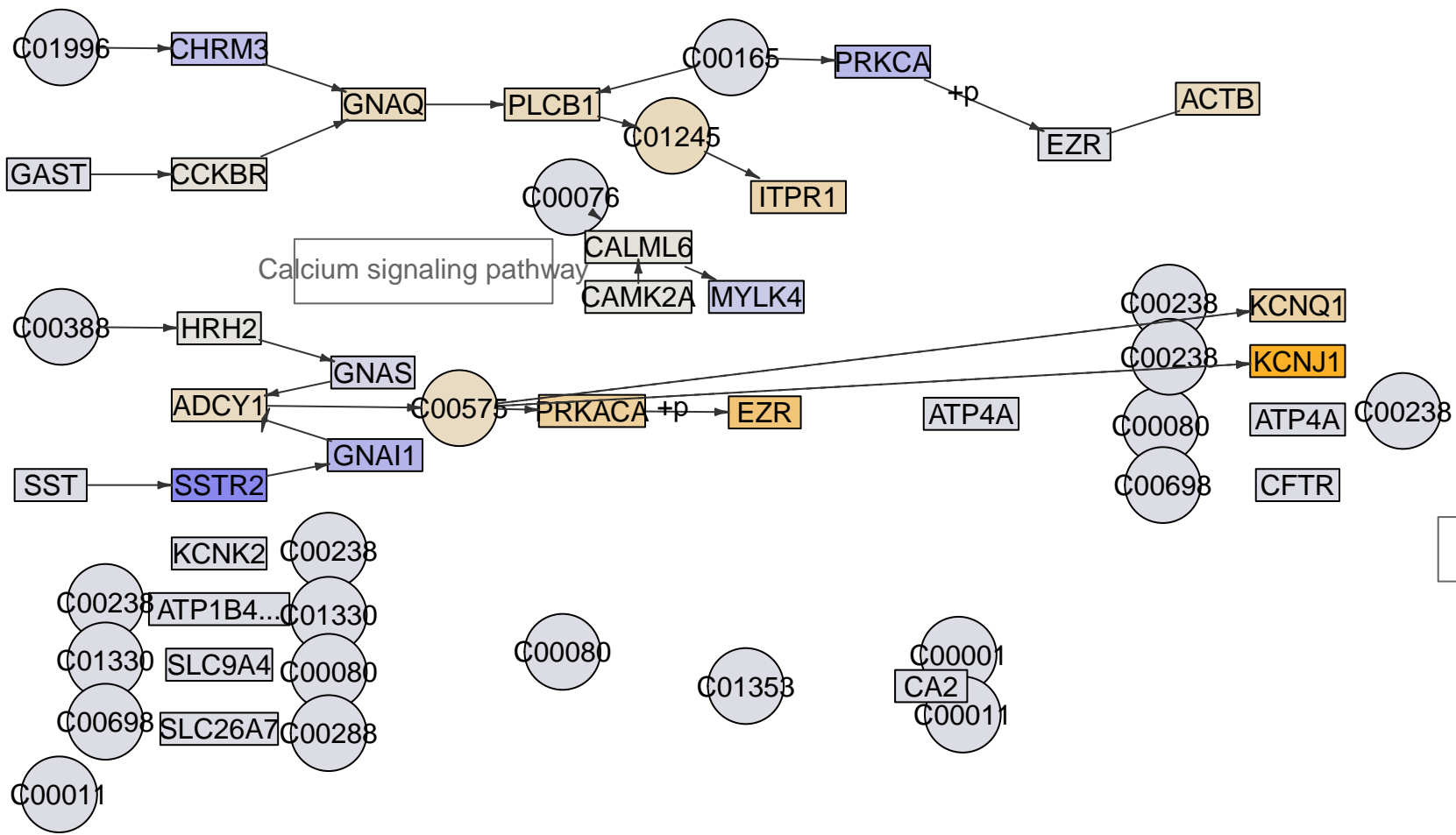
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-234

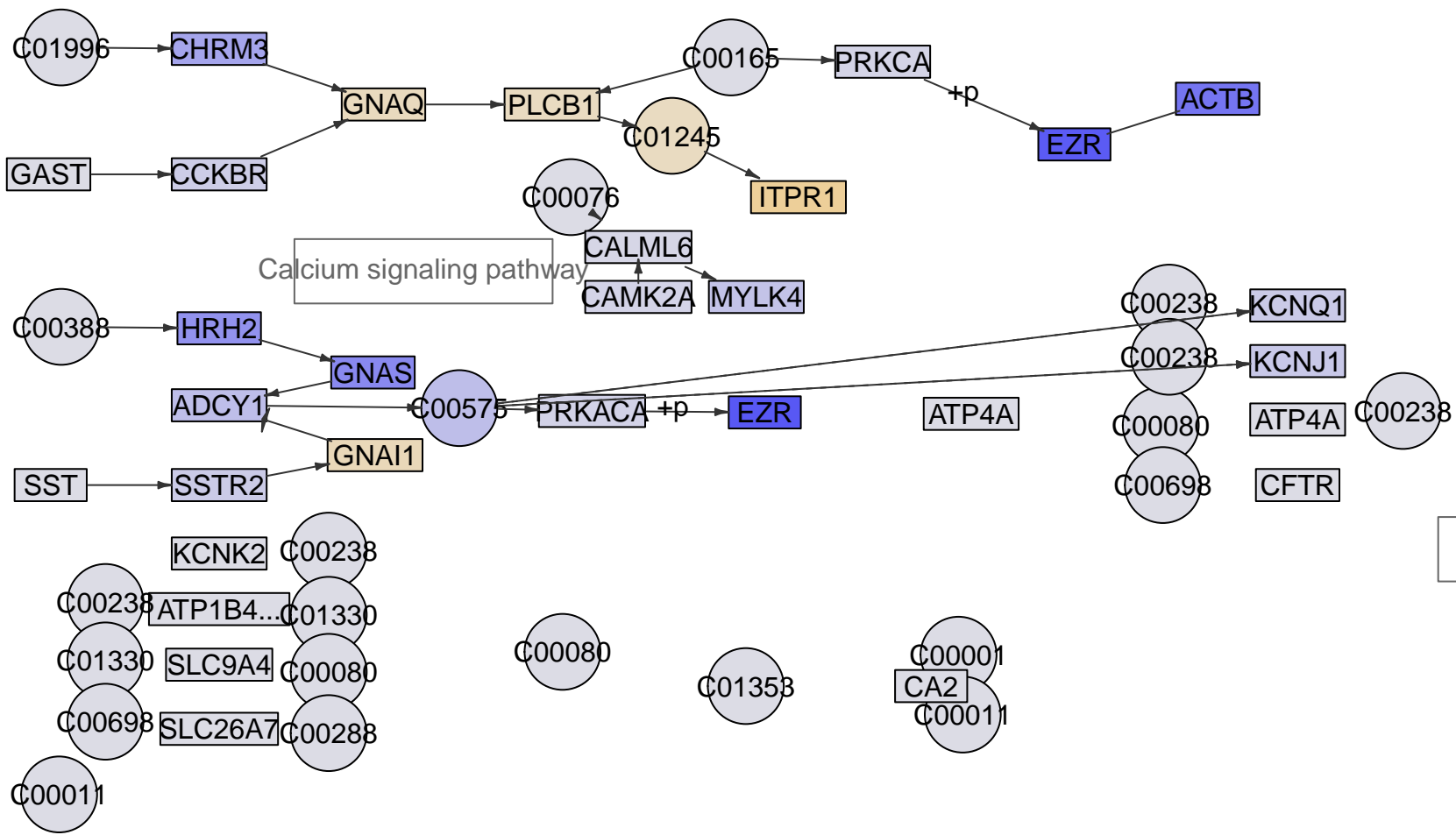
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-235

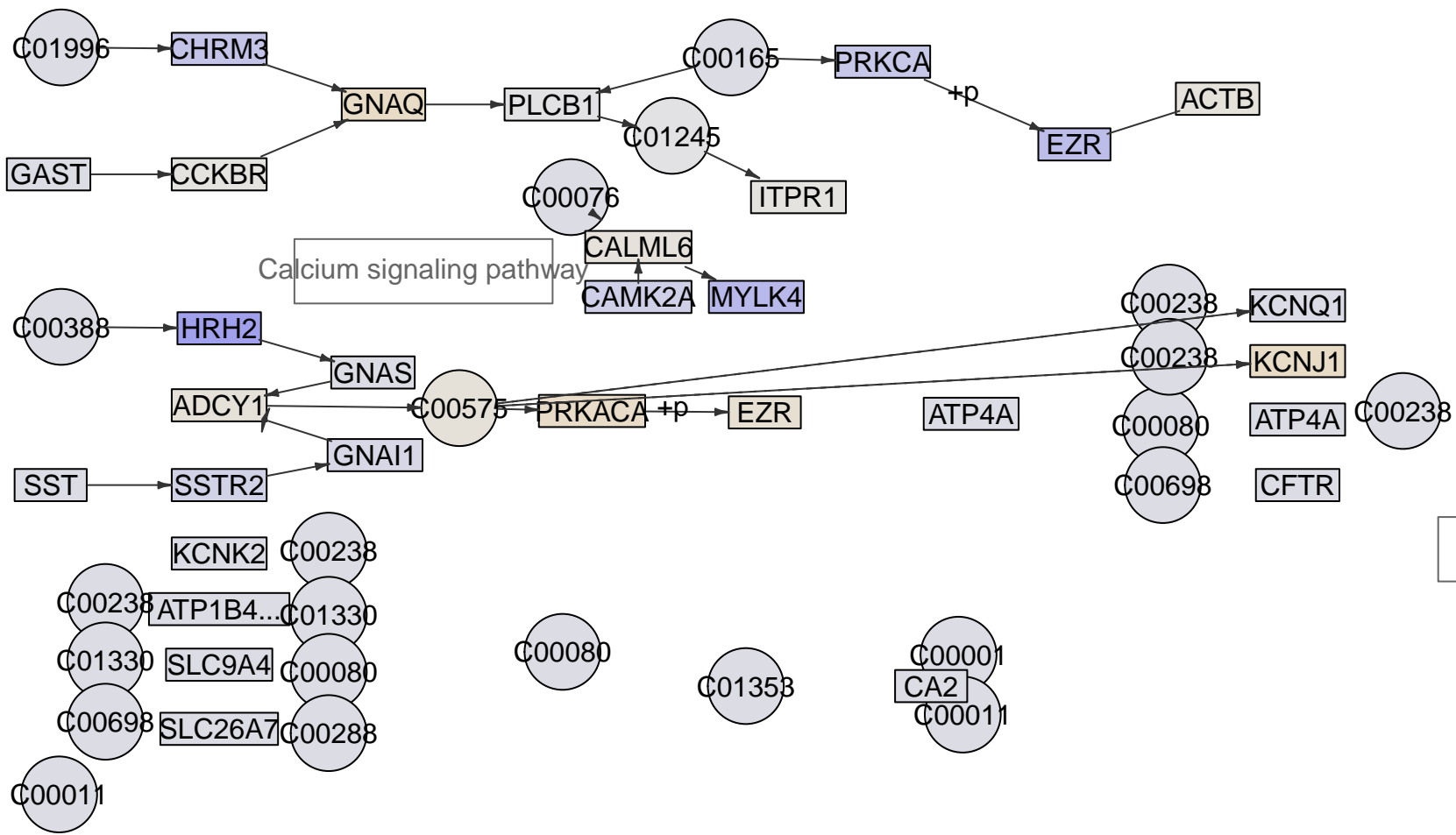
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-236

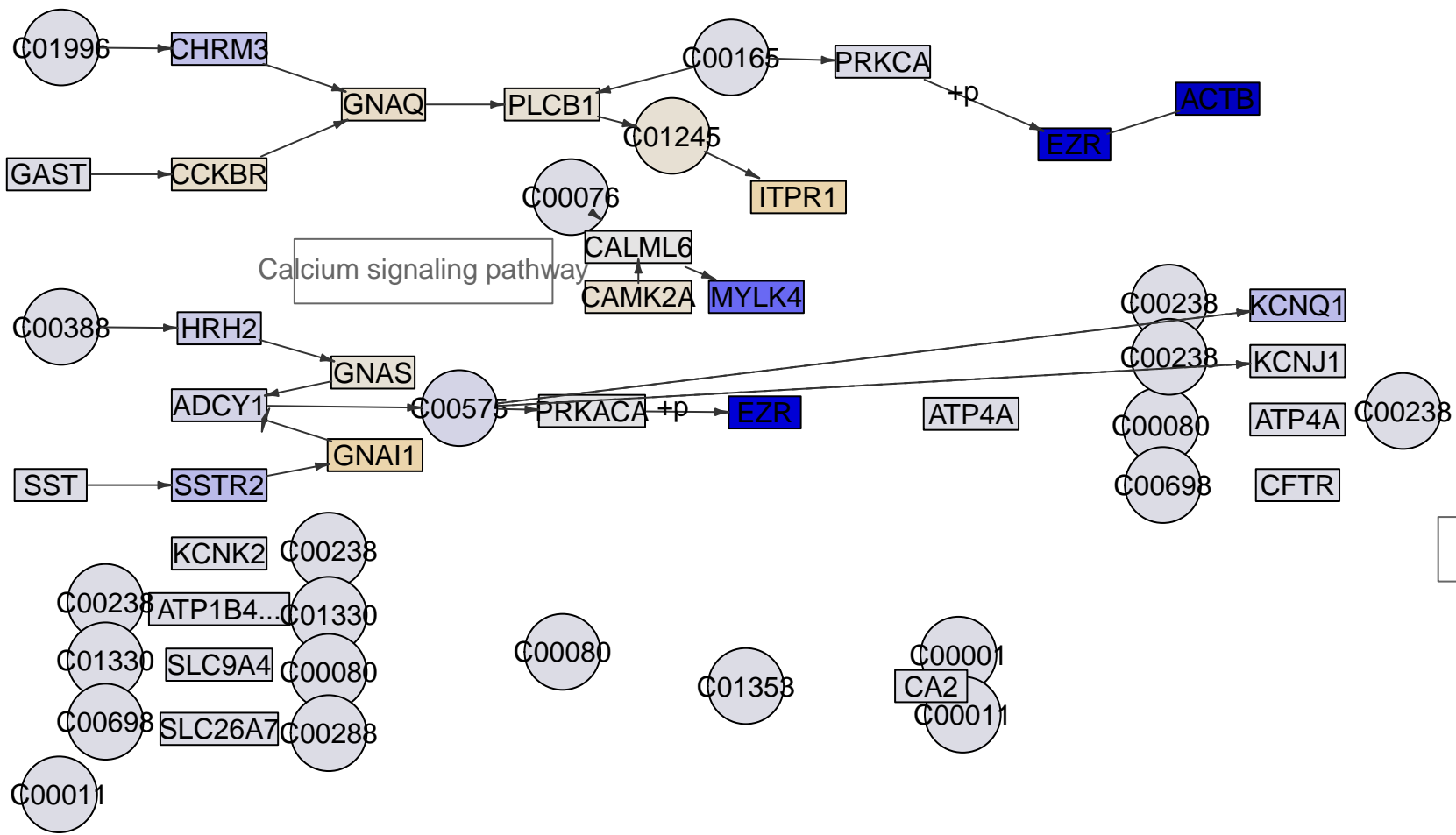
Tight junction



Protein digestion  
and absorption

Gastric acid secretion  
MPI-237

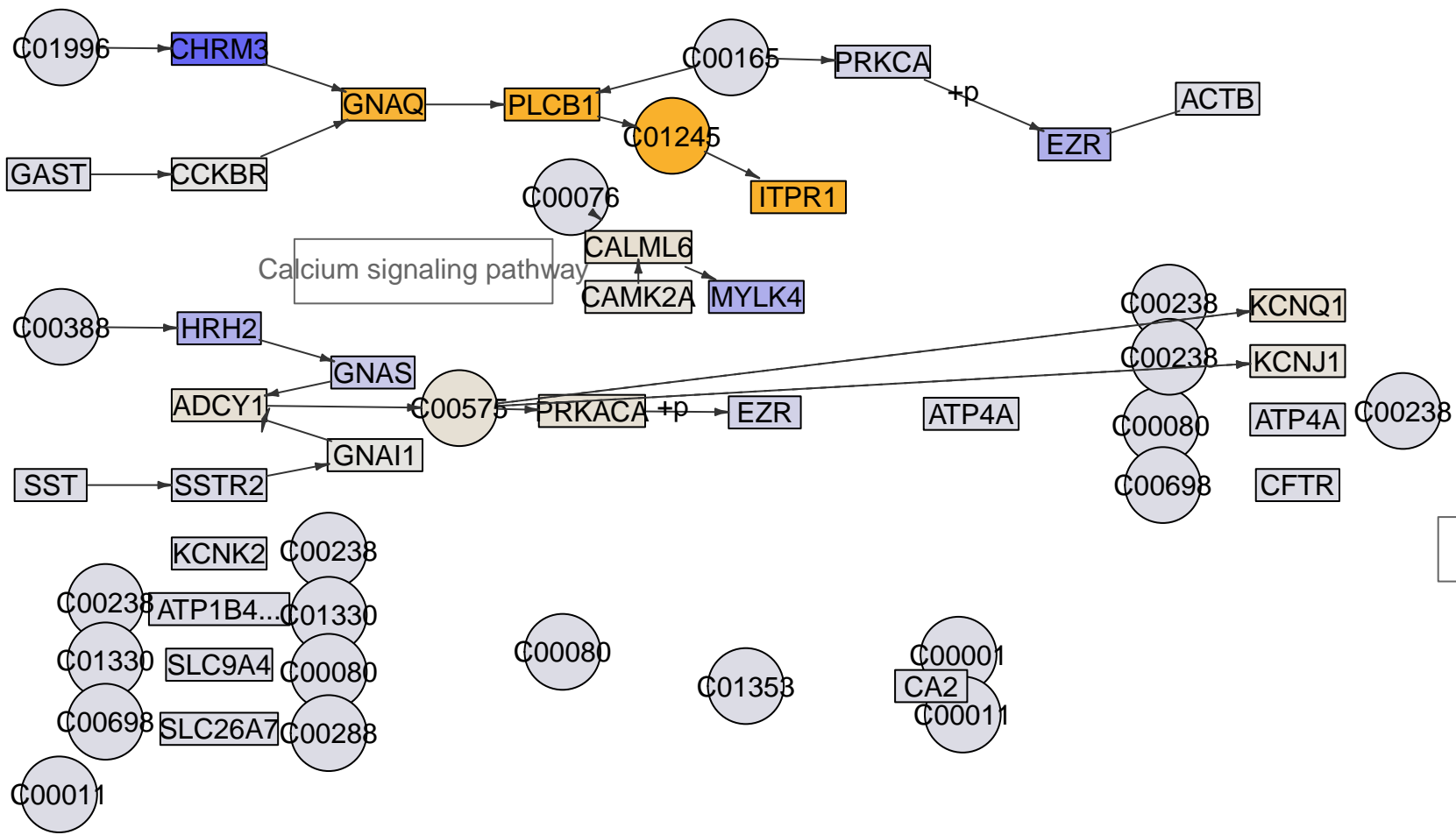
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-239

Tight junction

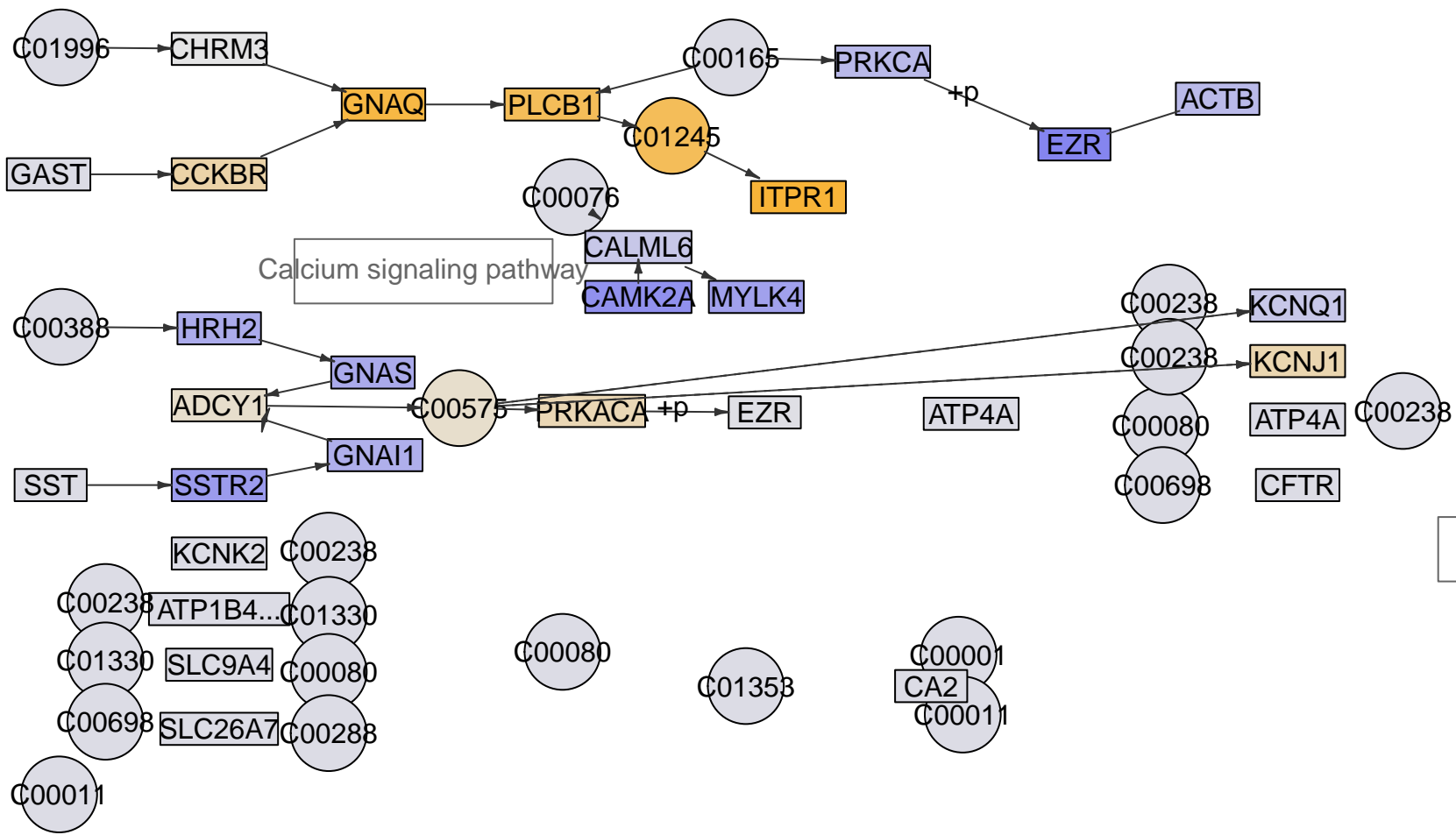


Protein digestion and absorption



Gastric acid secretion  
MPI-241

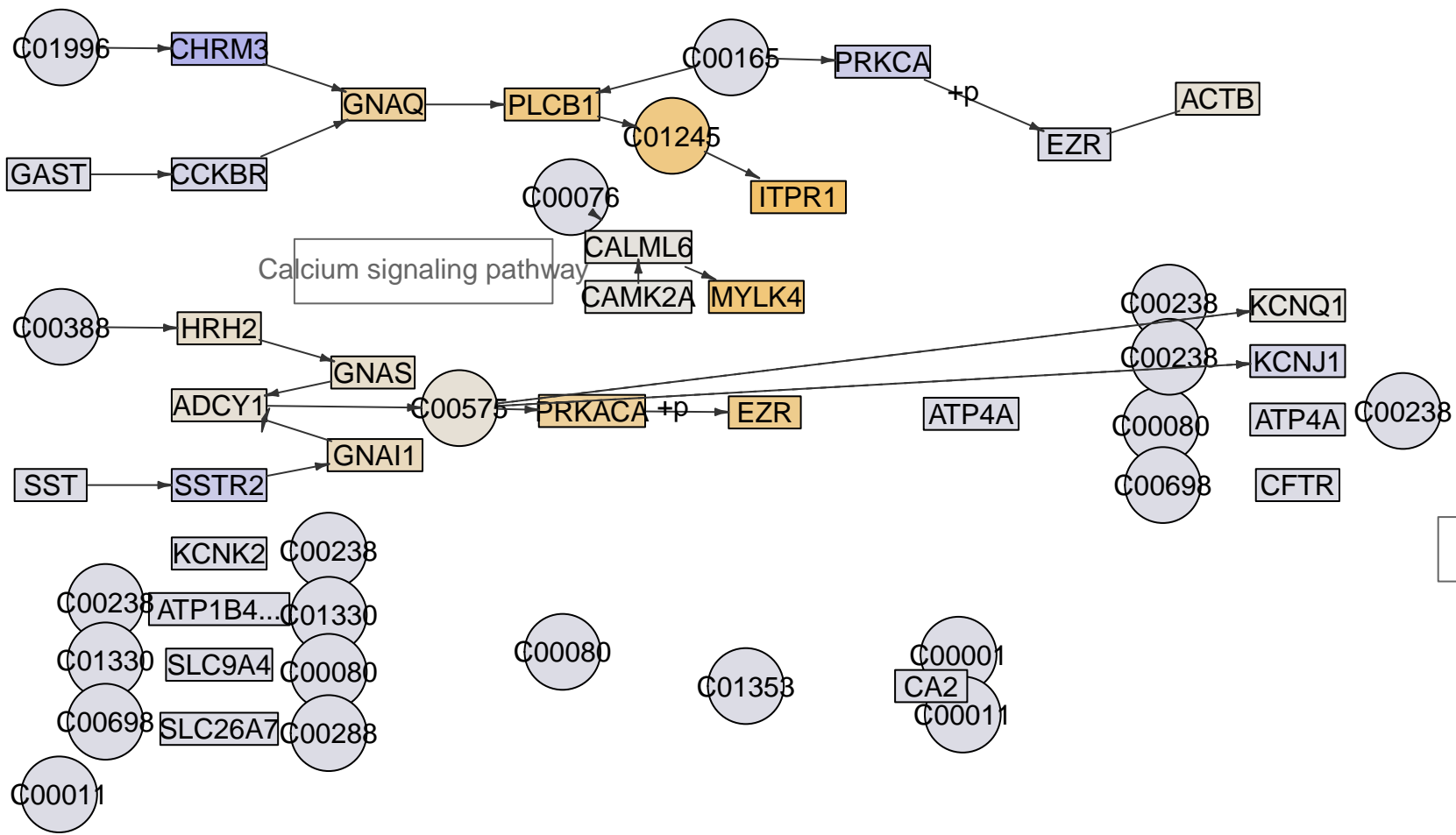
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-243

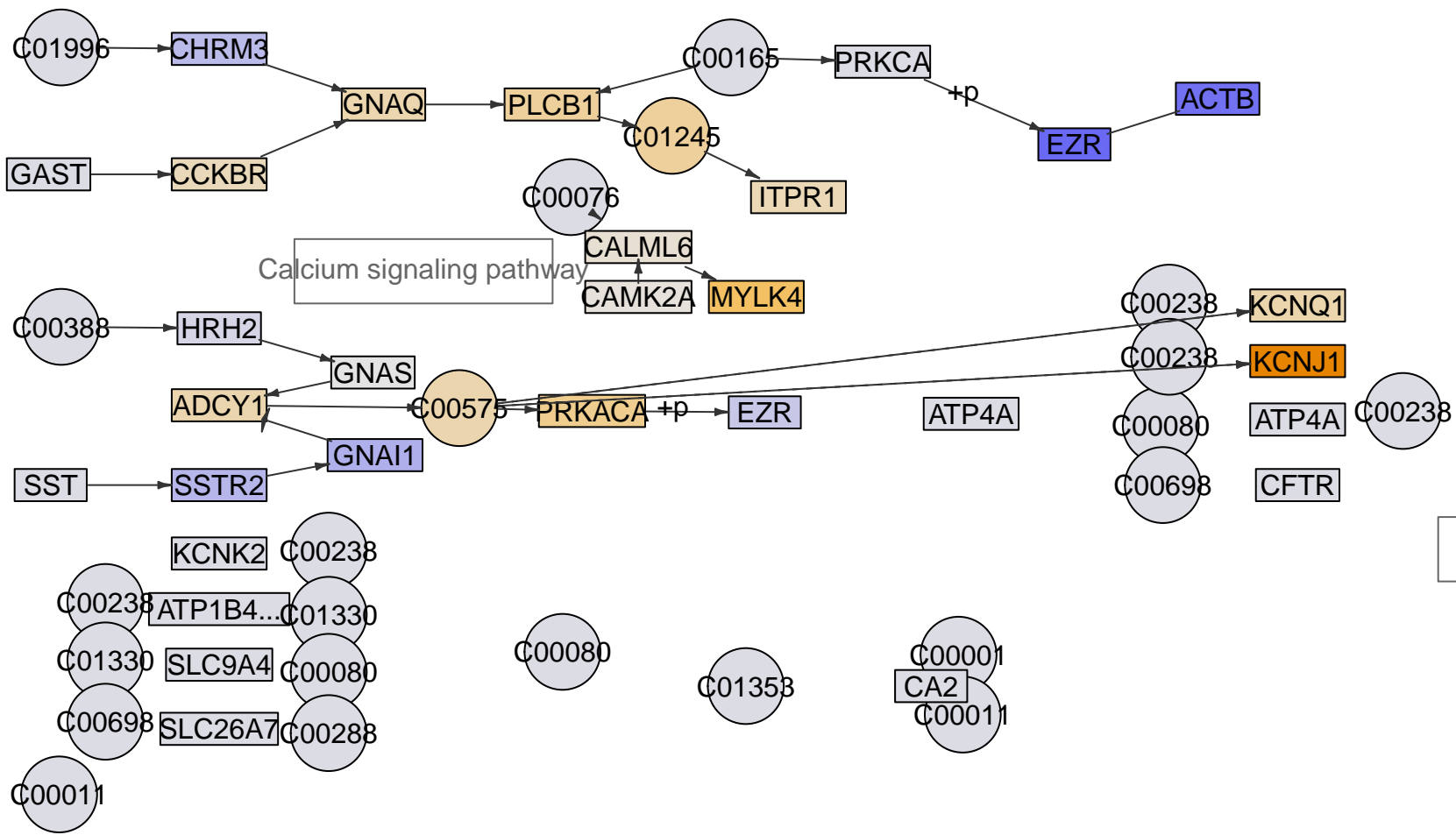
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-244

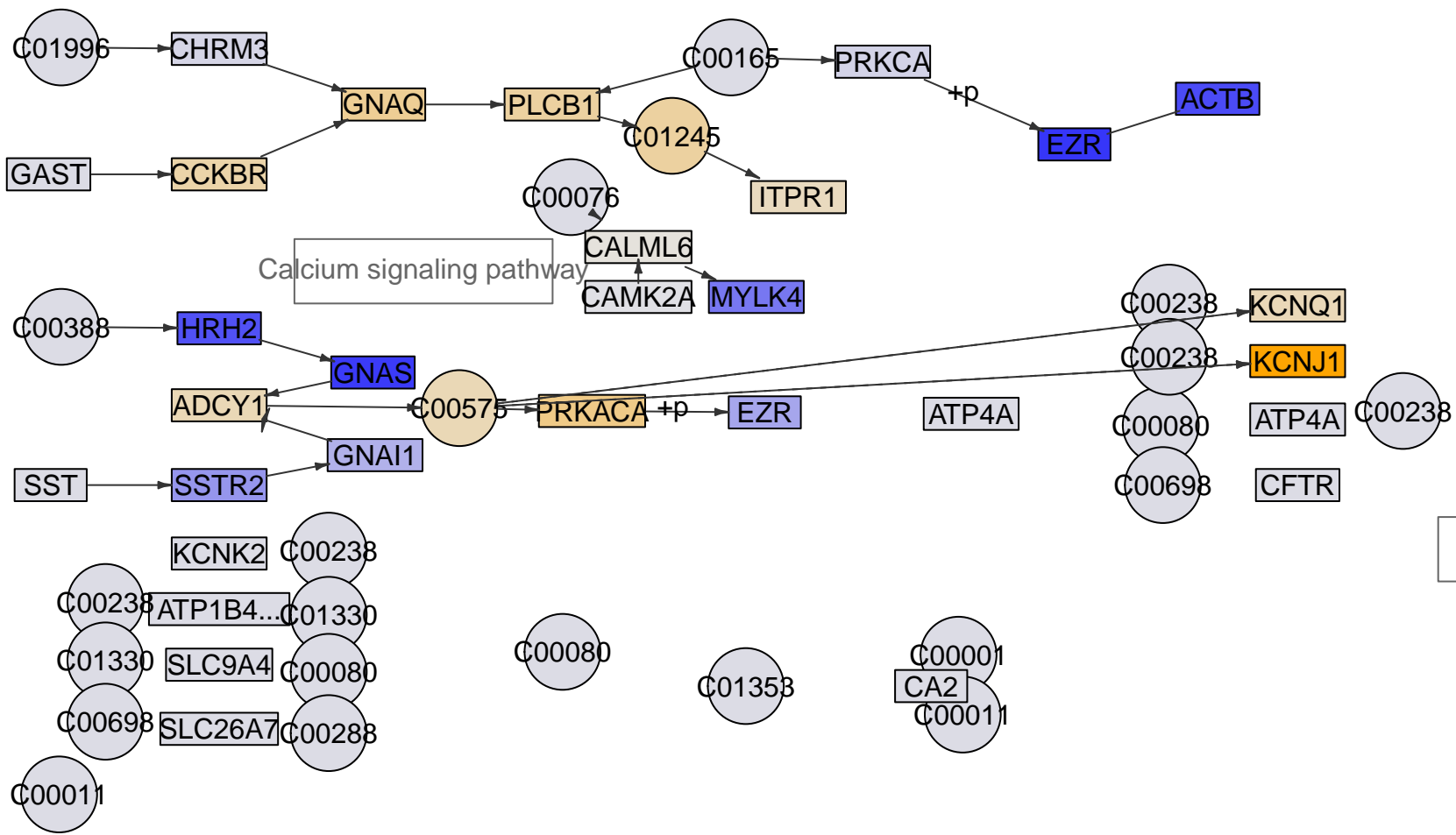
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-246

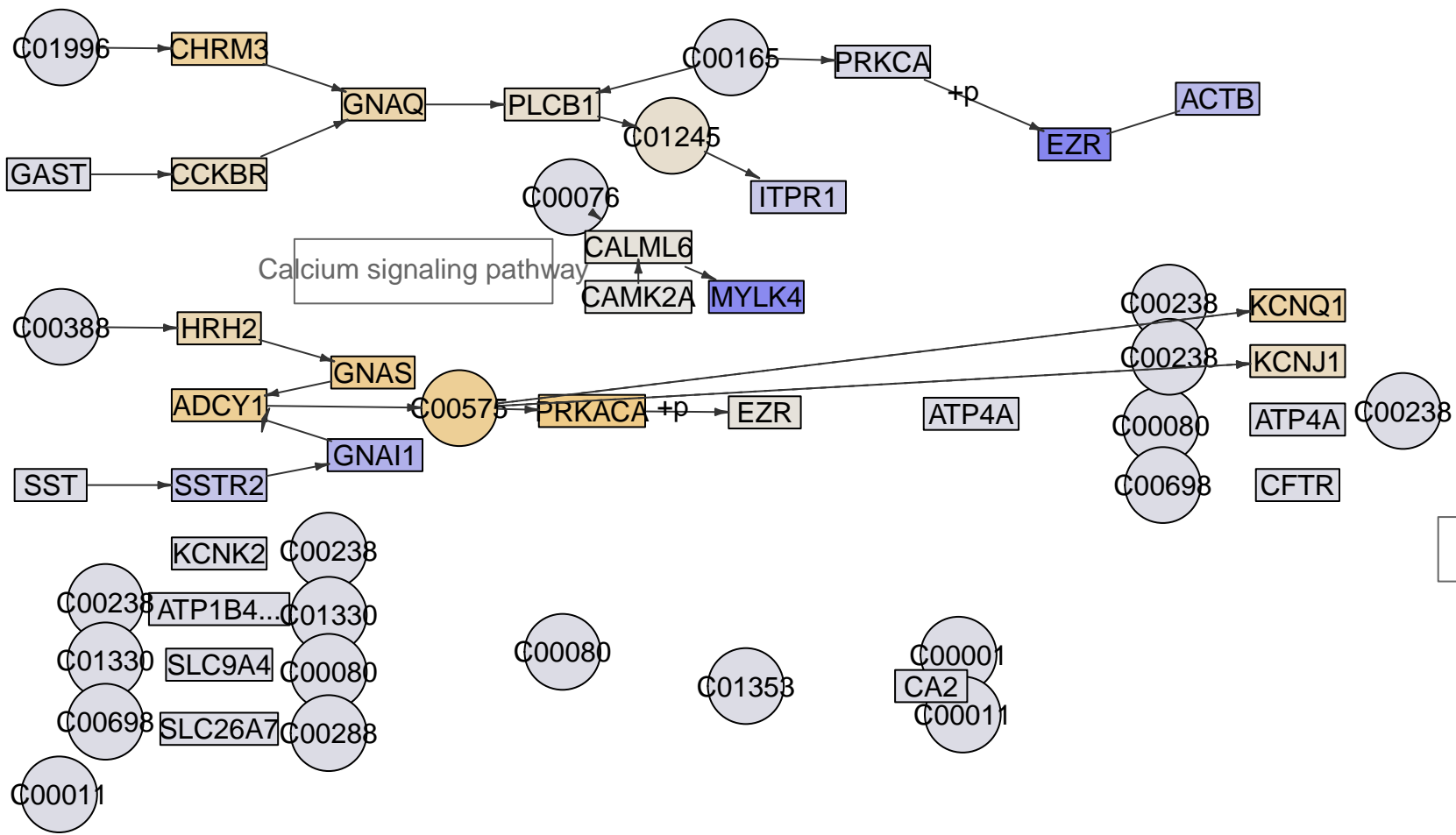
Tight junction



Protein digestion and absorption

Gastric acid secretion  
MPI-247

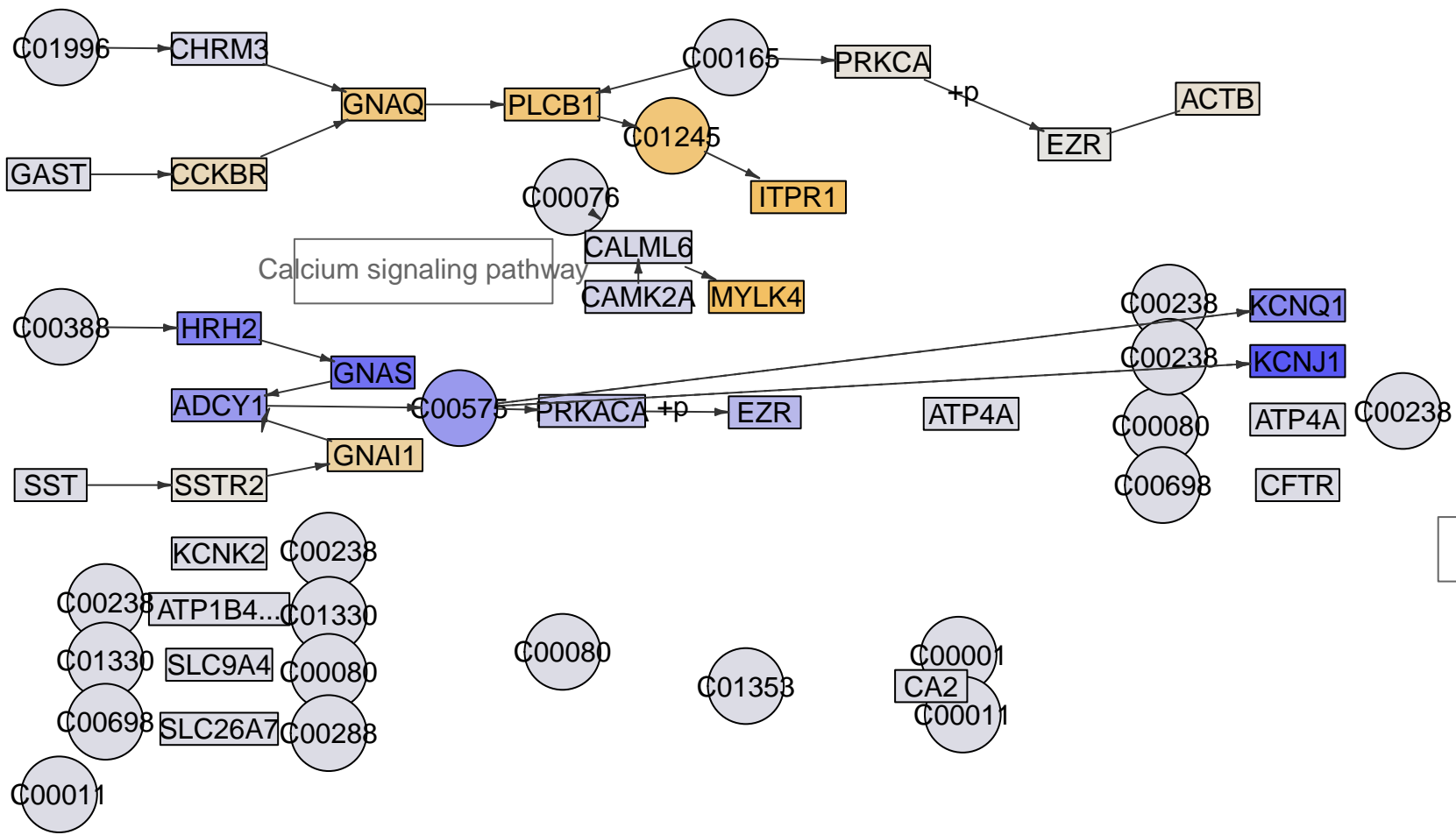
Tight junction



Protein digestion  
and absorption

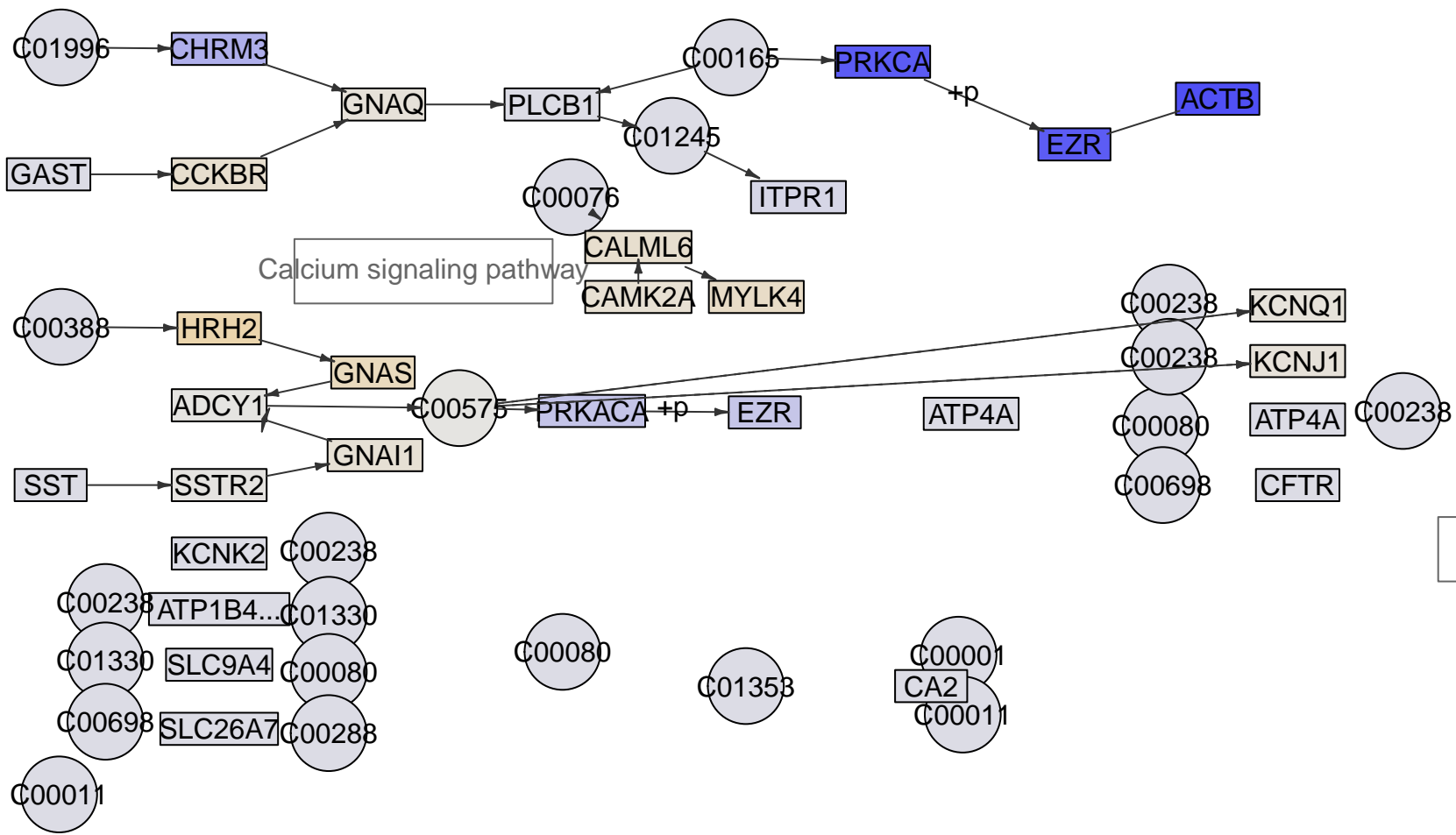
Gastric acid secretion  
MPI-251

Tight junction



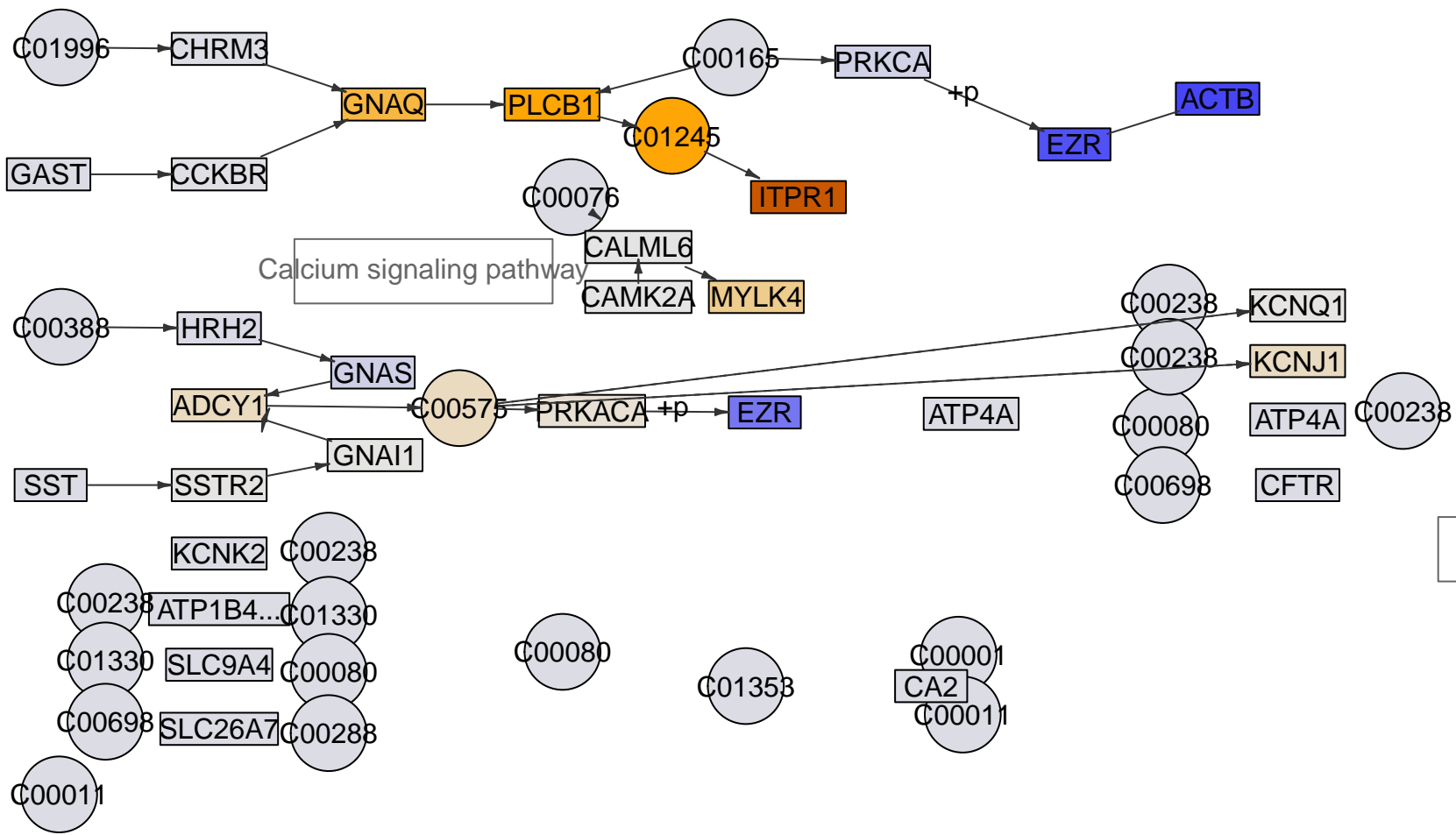
Gastric acid secretion  
MPI-255

Tight junction



Gastric acid secretion  
MPI-223b

Tight junction



Protein digestion and absorption