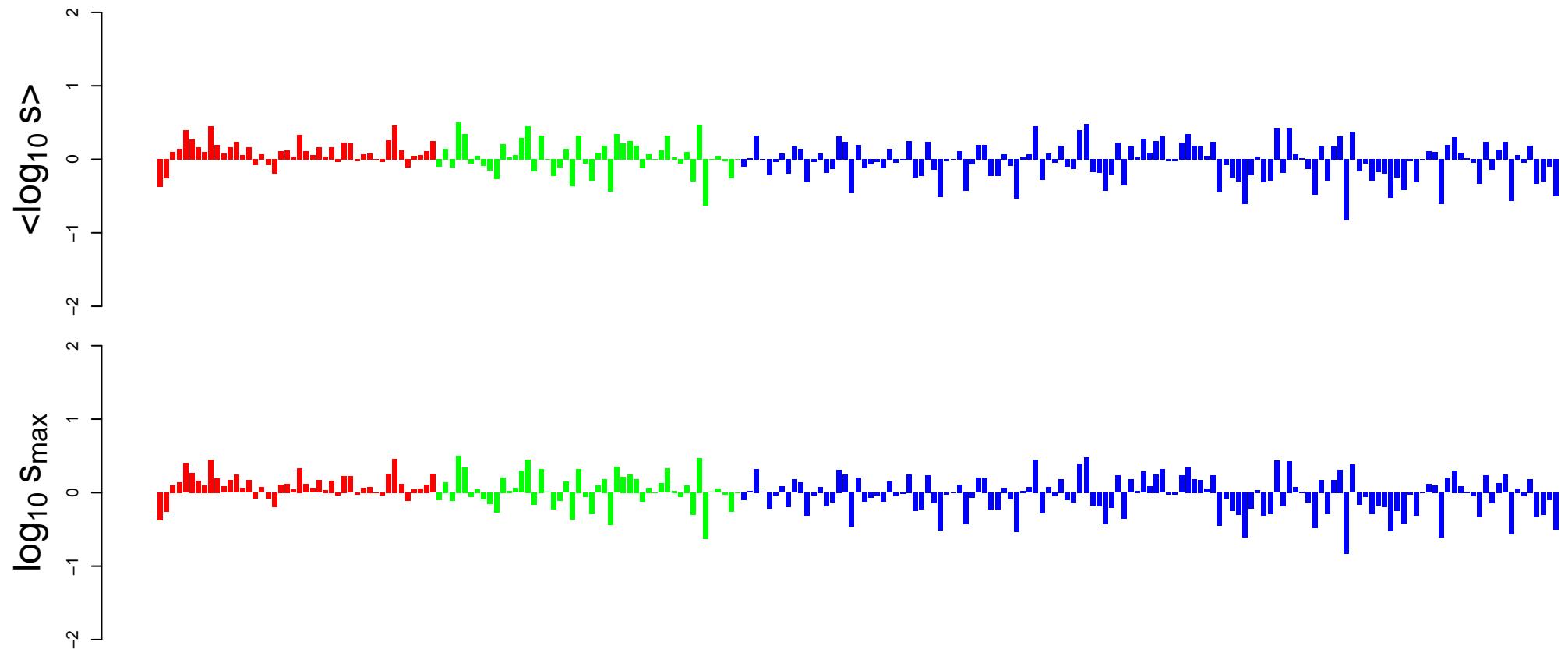
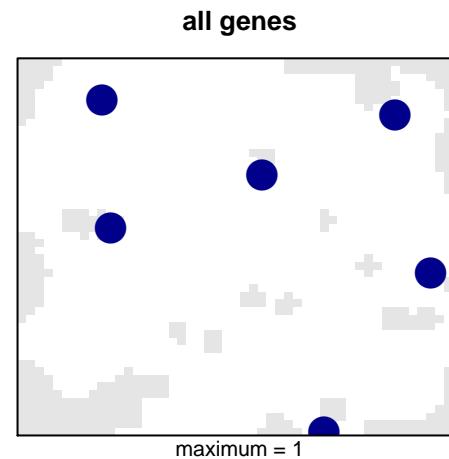
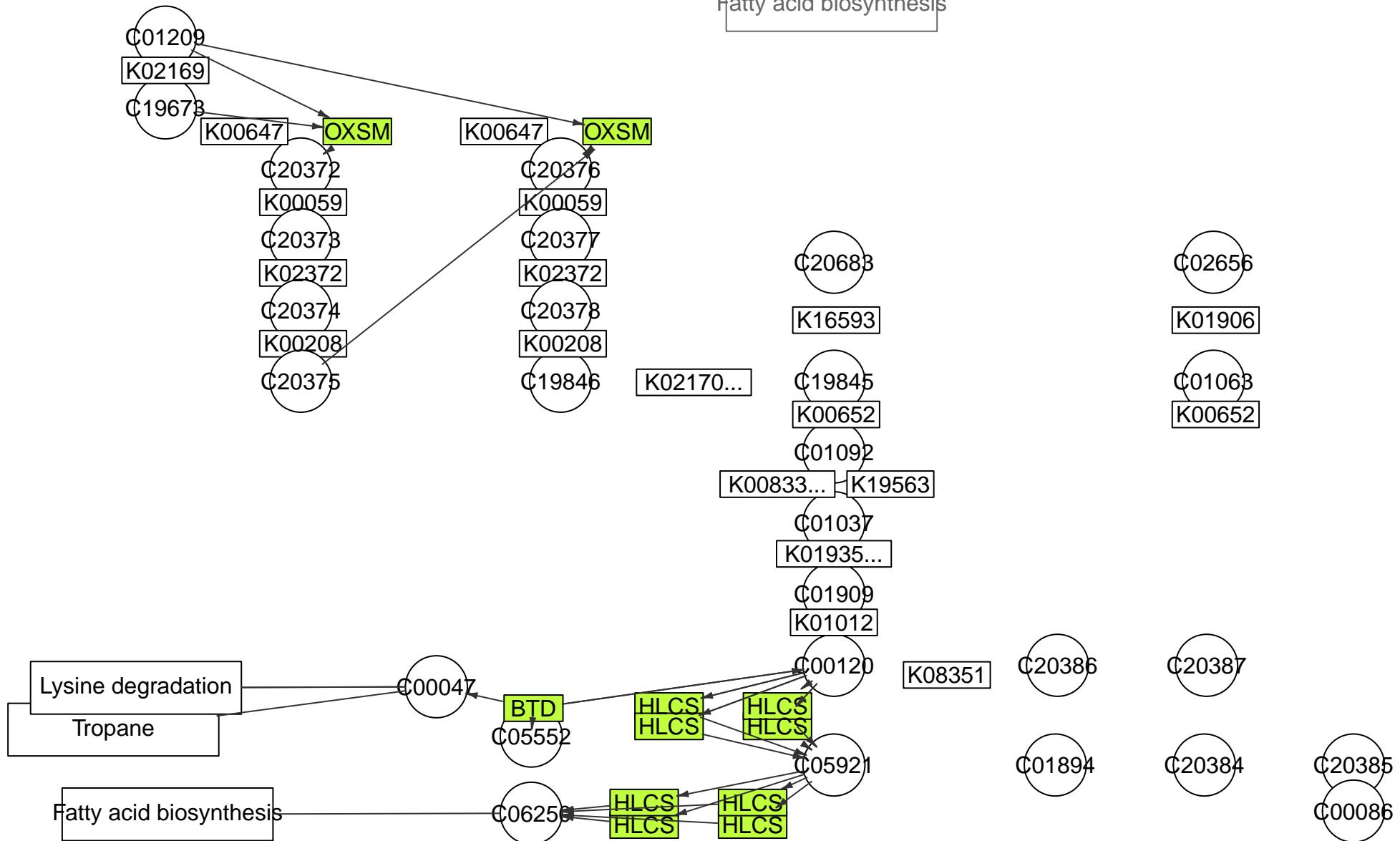


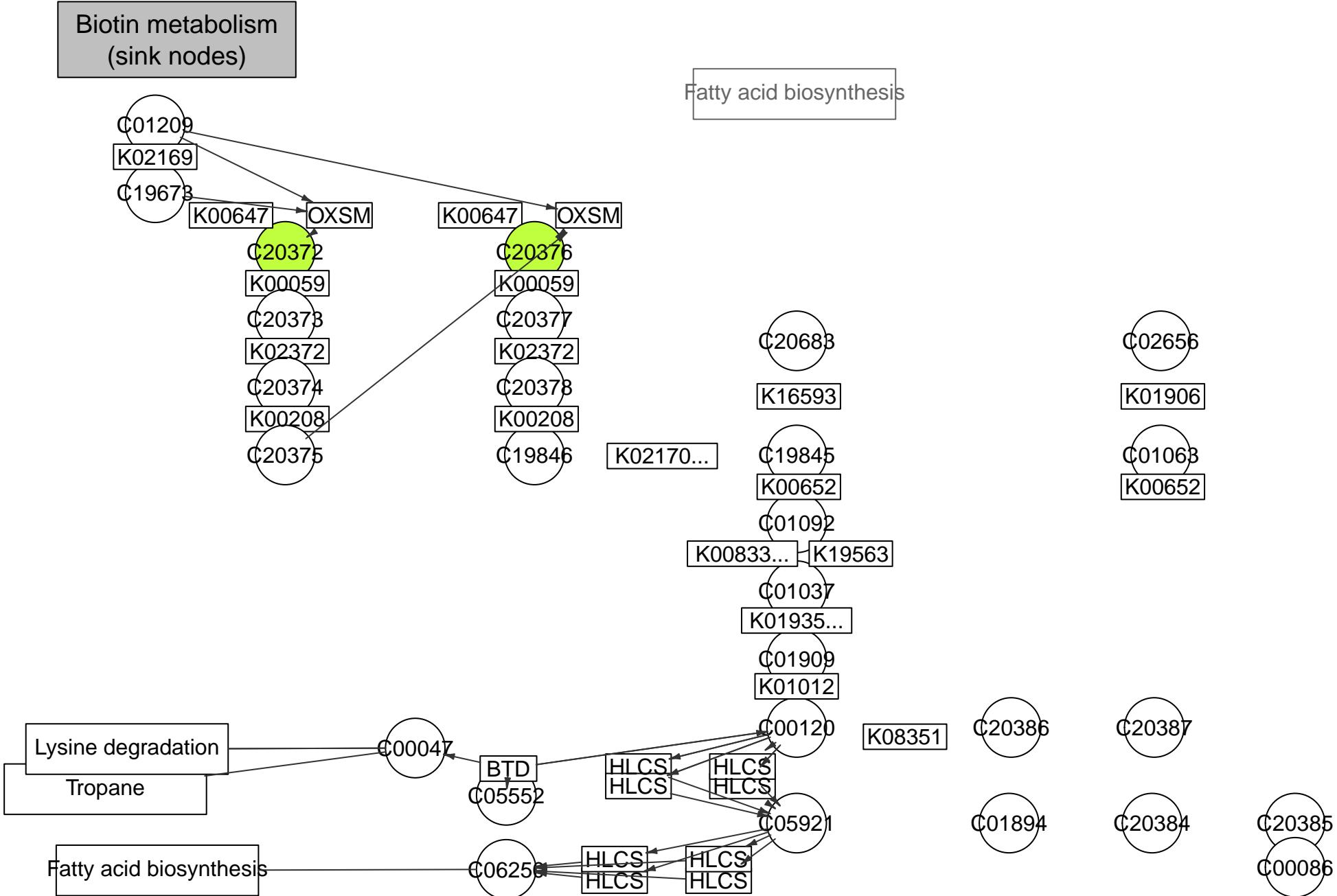
Biotin metabolism



Biotin metabolism
(genes with data)

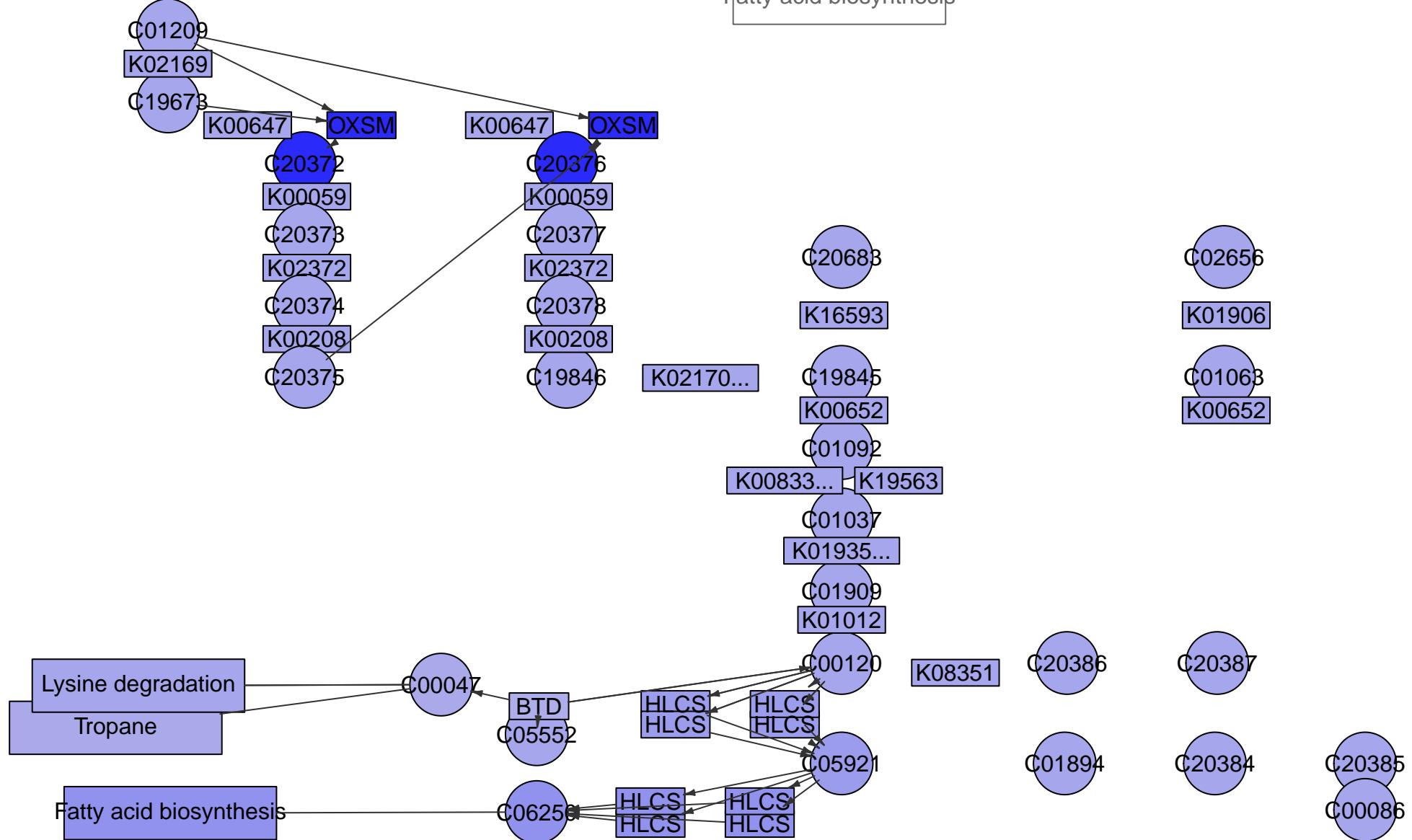
Fatty acid biosynthesis





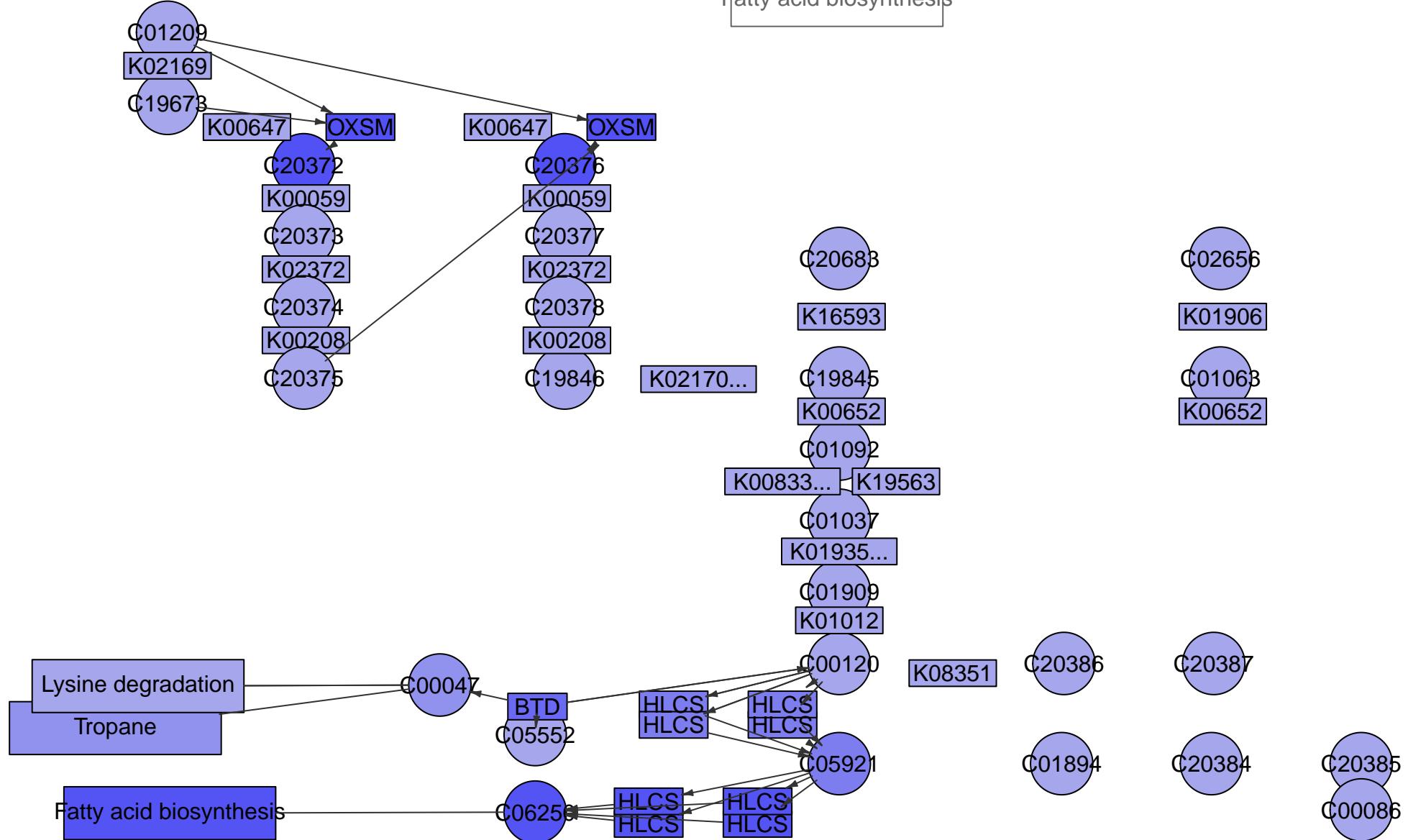
Biotin metabolism
MPI-001

Fatty acid biosynthesis



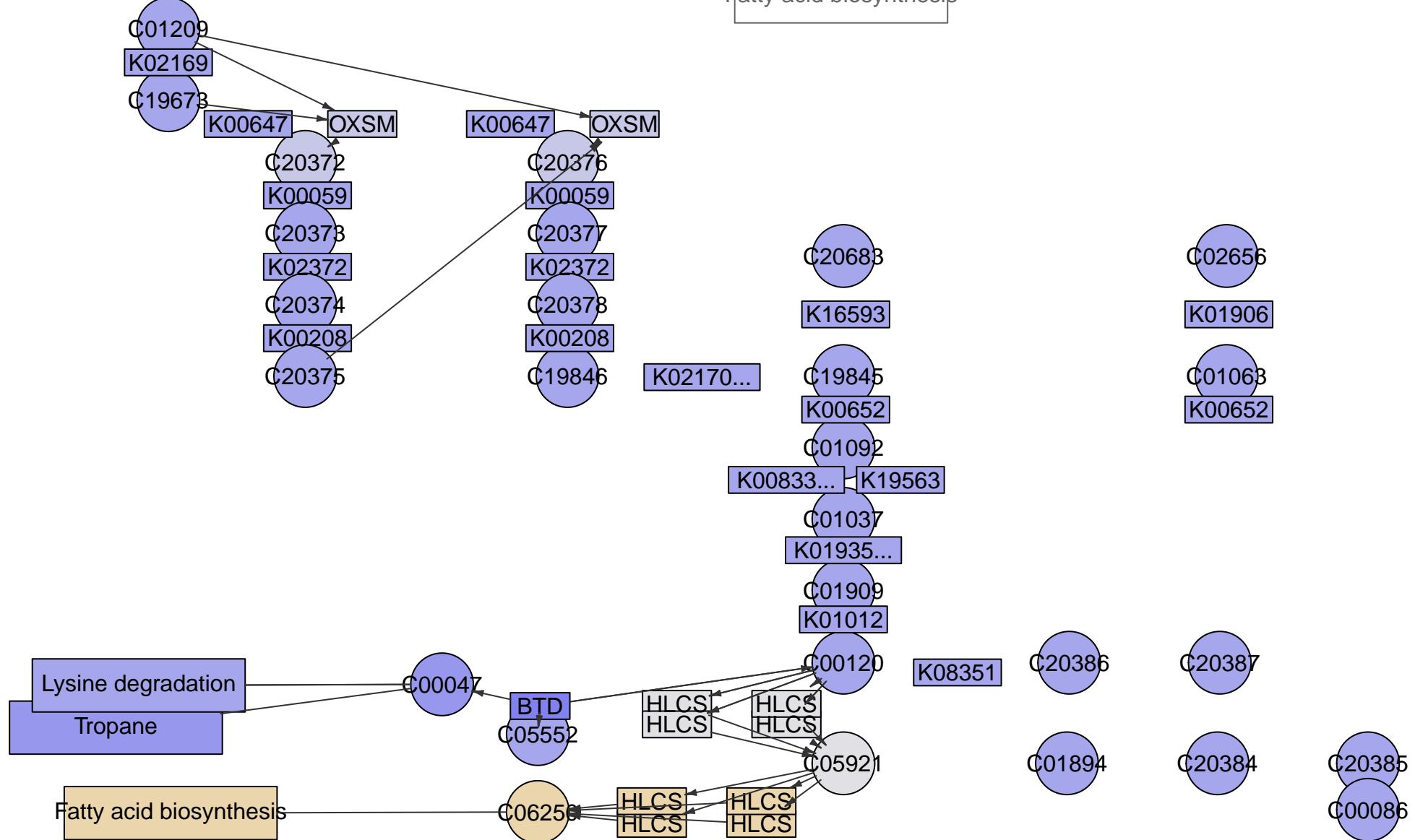
Biotin metabolism
MPI-002

Fatty acid biosynthesis



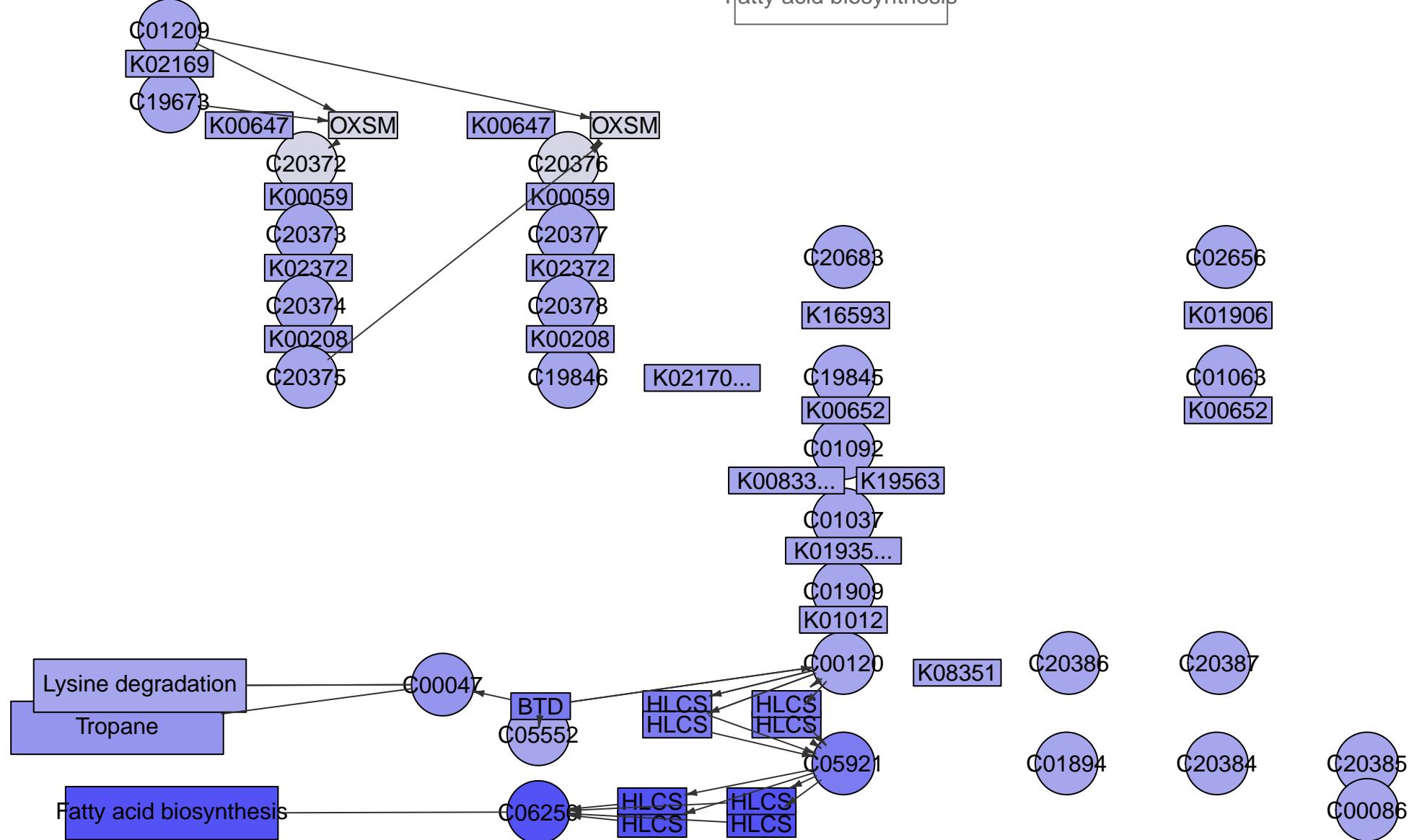
Biotin metabolism
MPI-003

Fatty acid biosynthesis



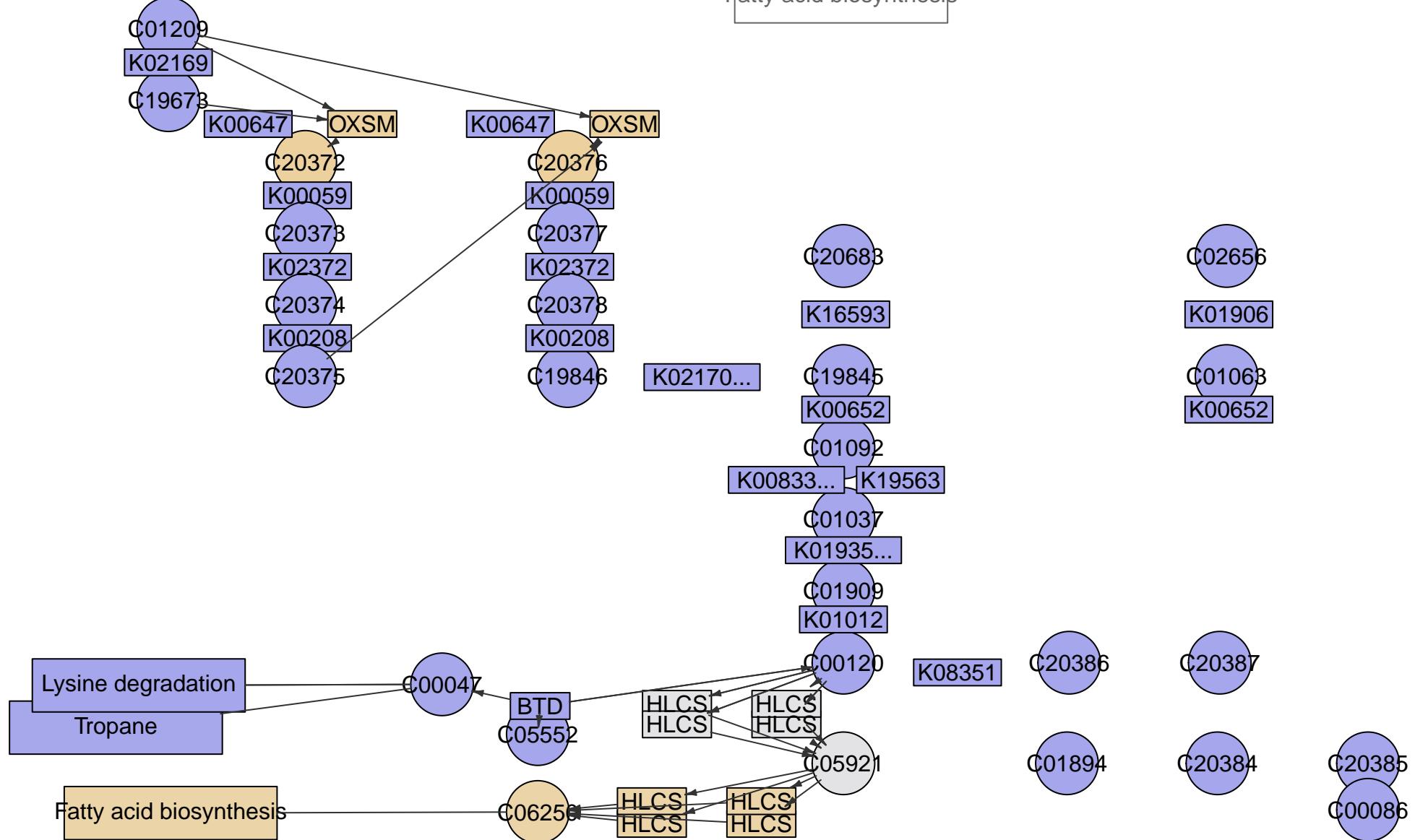
Biotin metabolism
MPI-005

Fatty acid biosynthesis



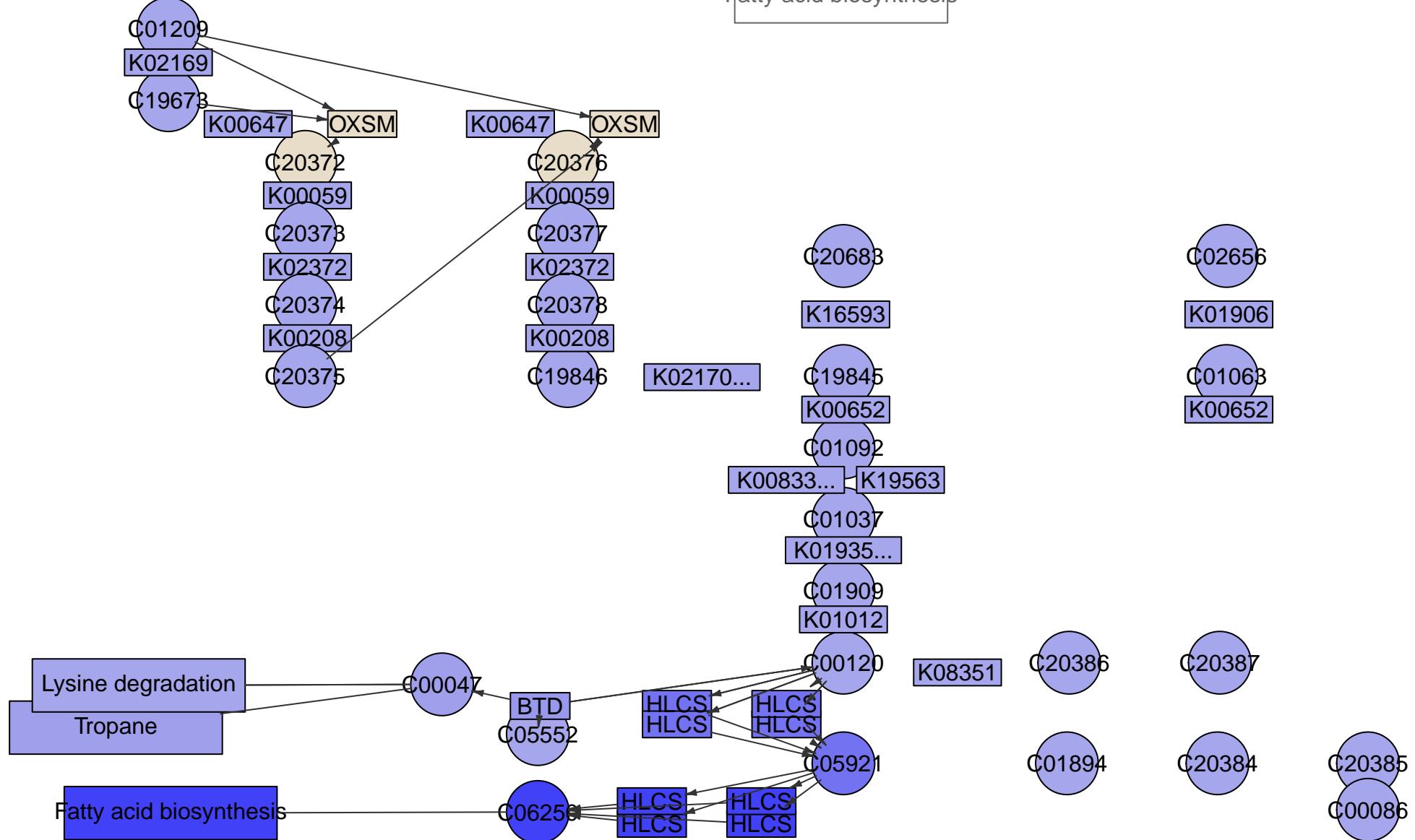
Biotin metabolism
MPI-006

Fatty acid biosynthesis



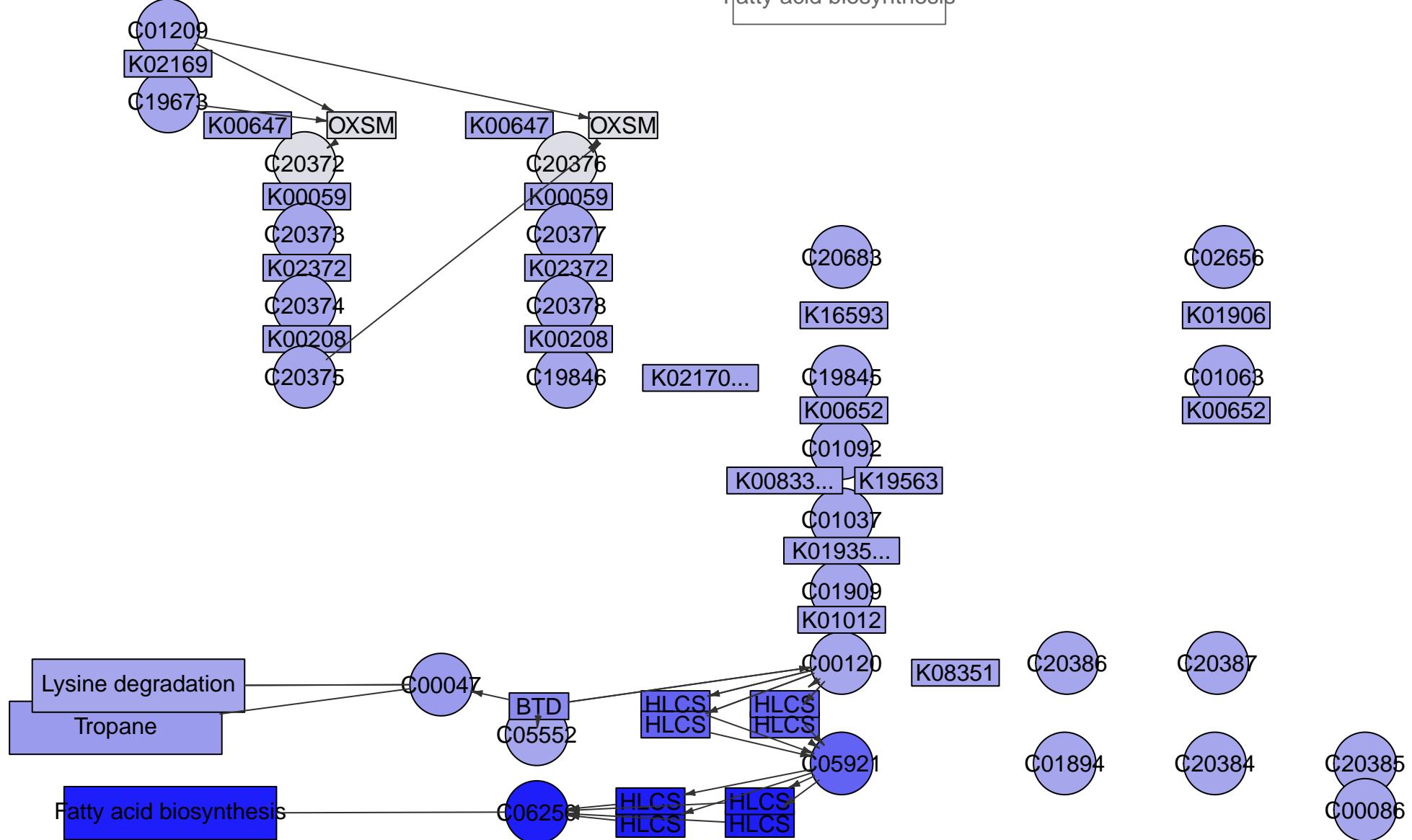
Biotin metabolism
MPI-016

Fatty acid biosynthesis



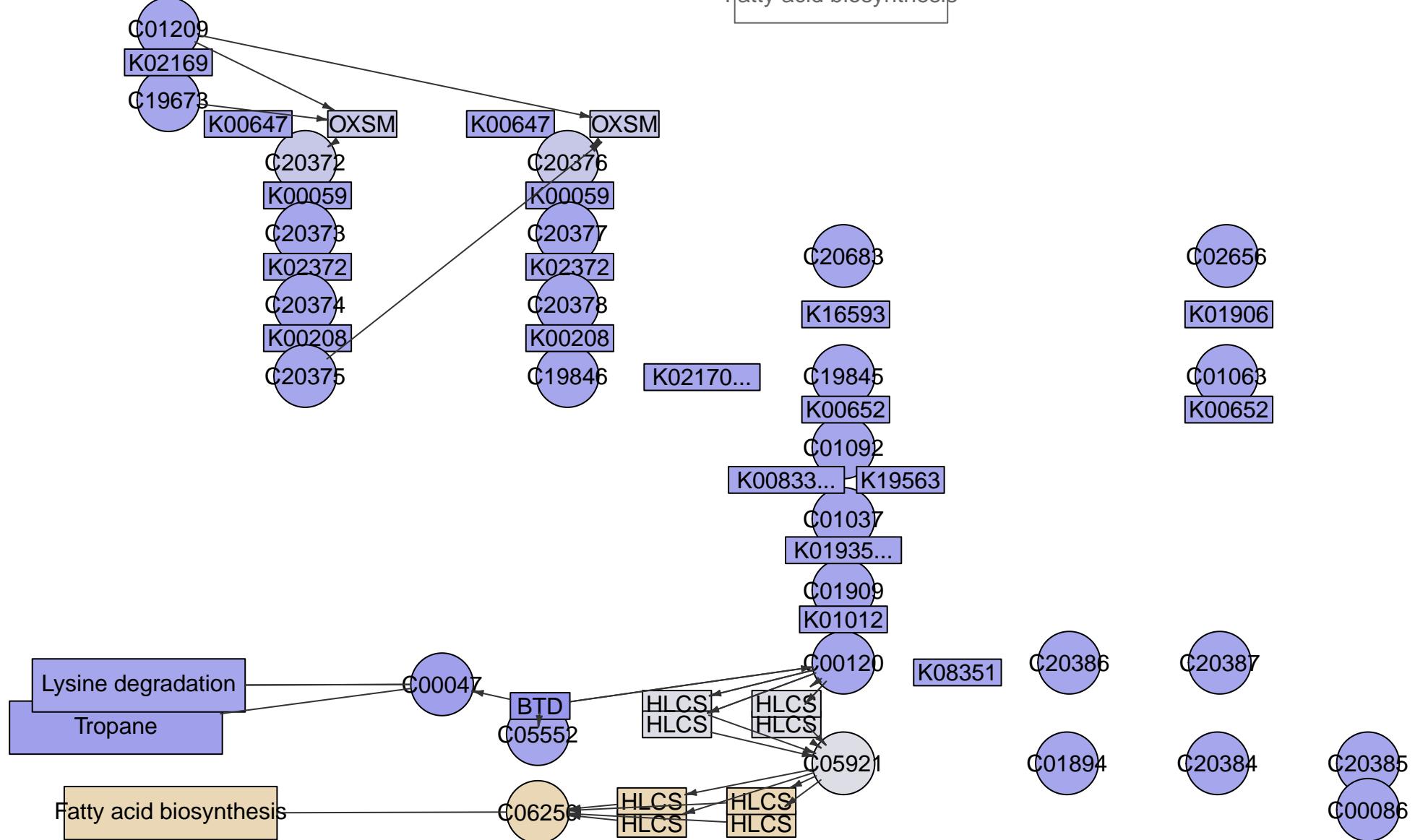
Biotin metabolism
MPI-017

Fatty acid biosynthesis



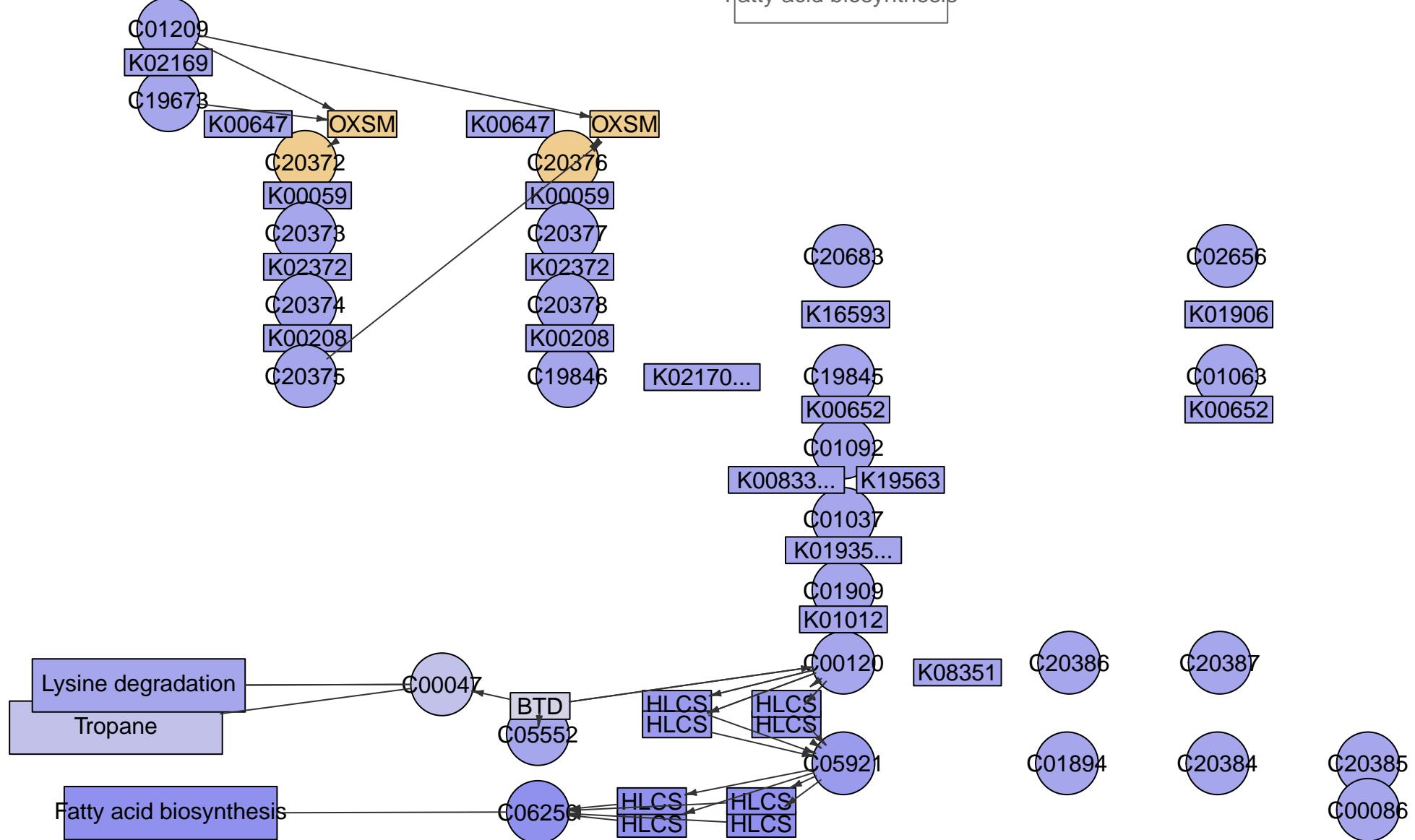
Biotin metabolism
MPI-018

Fatty acid biosynthesis



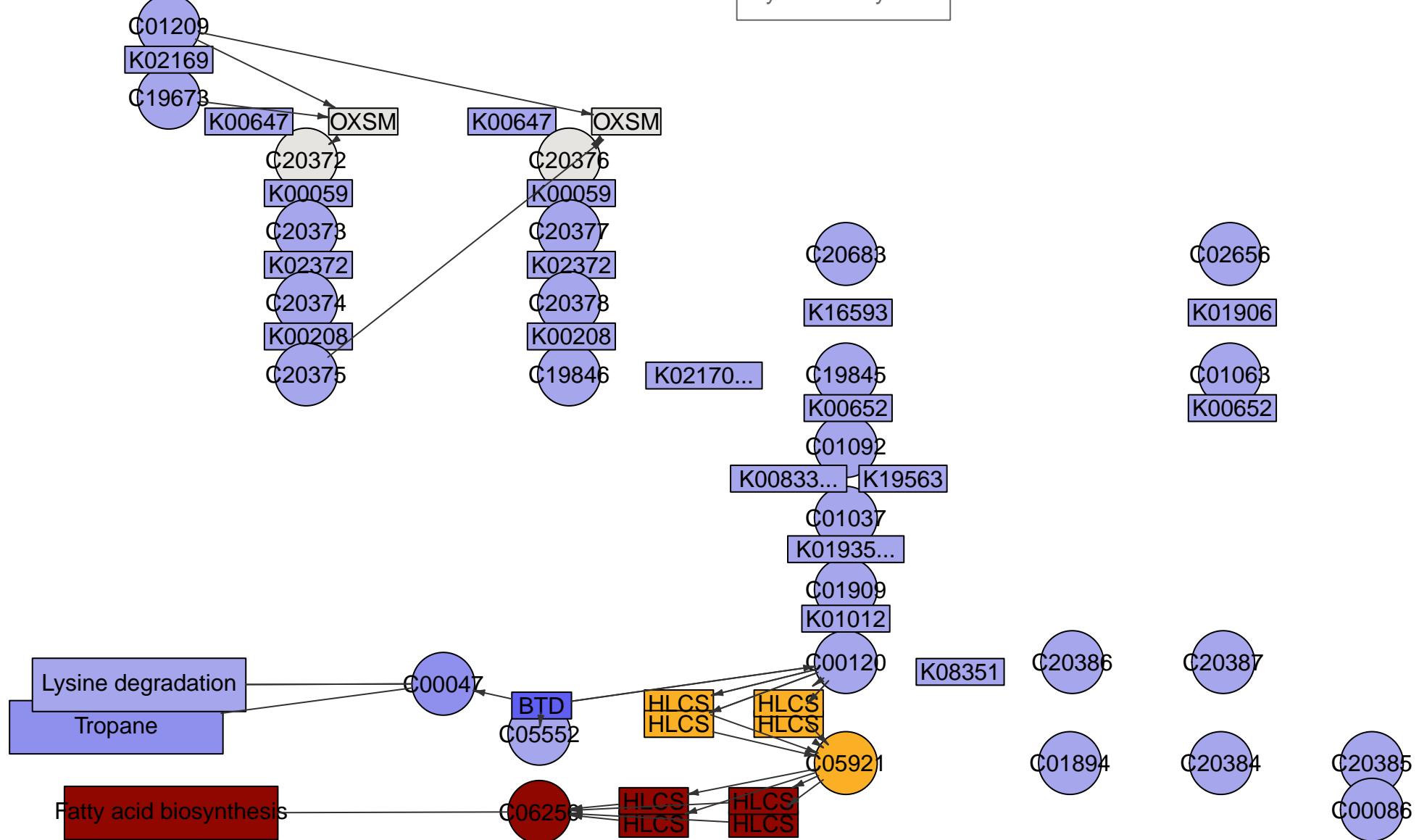
Biotin metabolism
MPI-027

Fatty acid biosynthesis



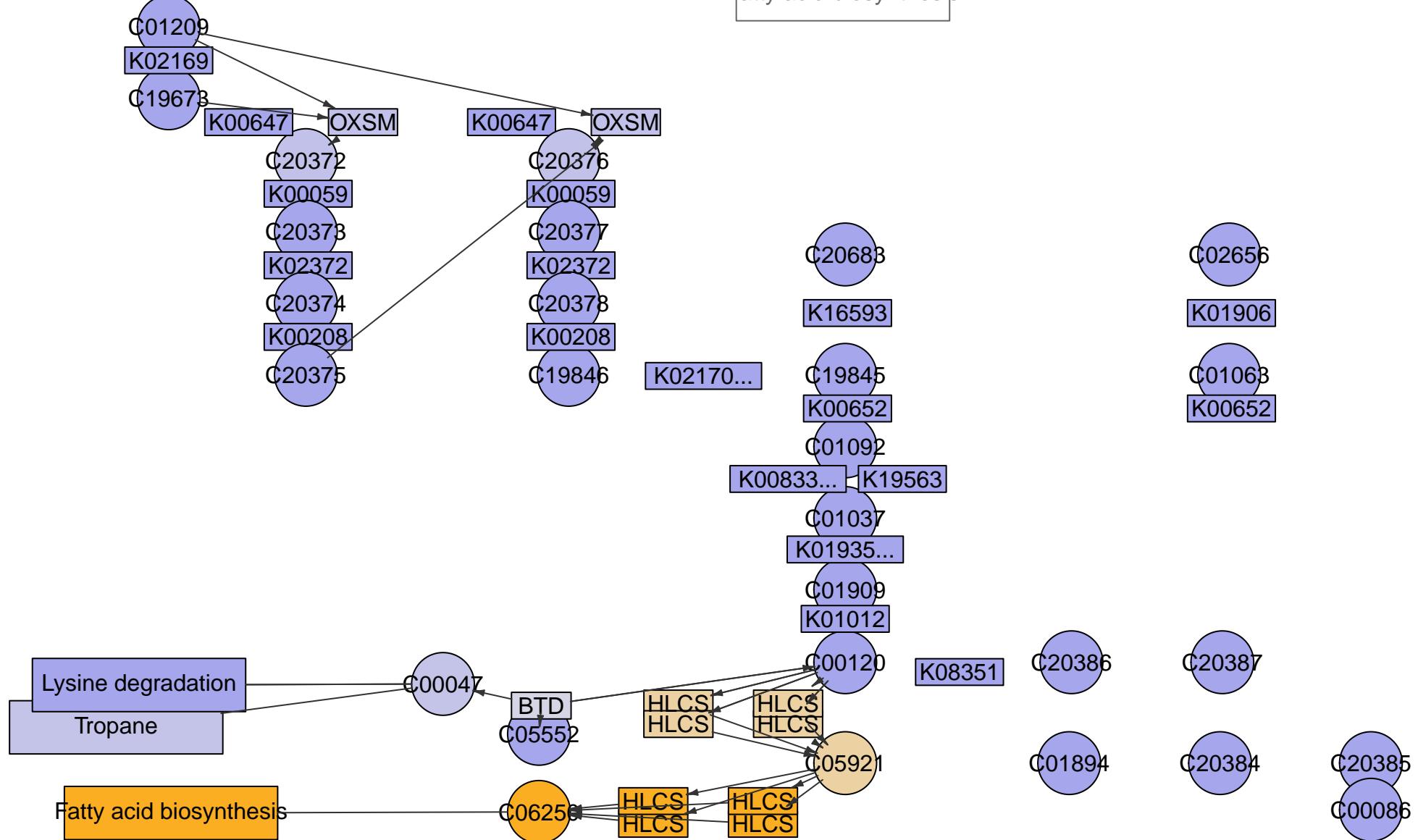
Biotin metabolism
MPI-028

Fatty acid biosynthesis



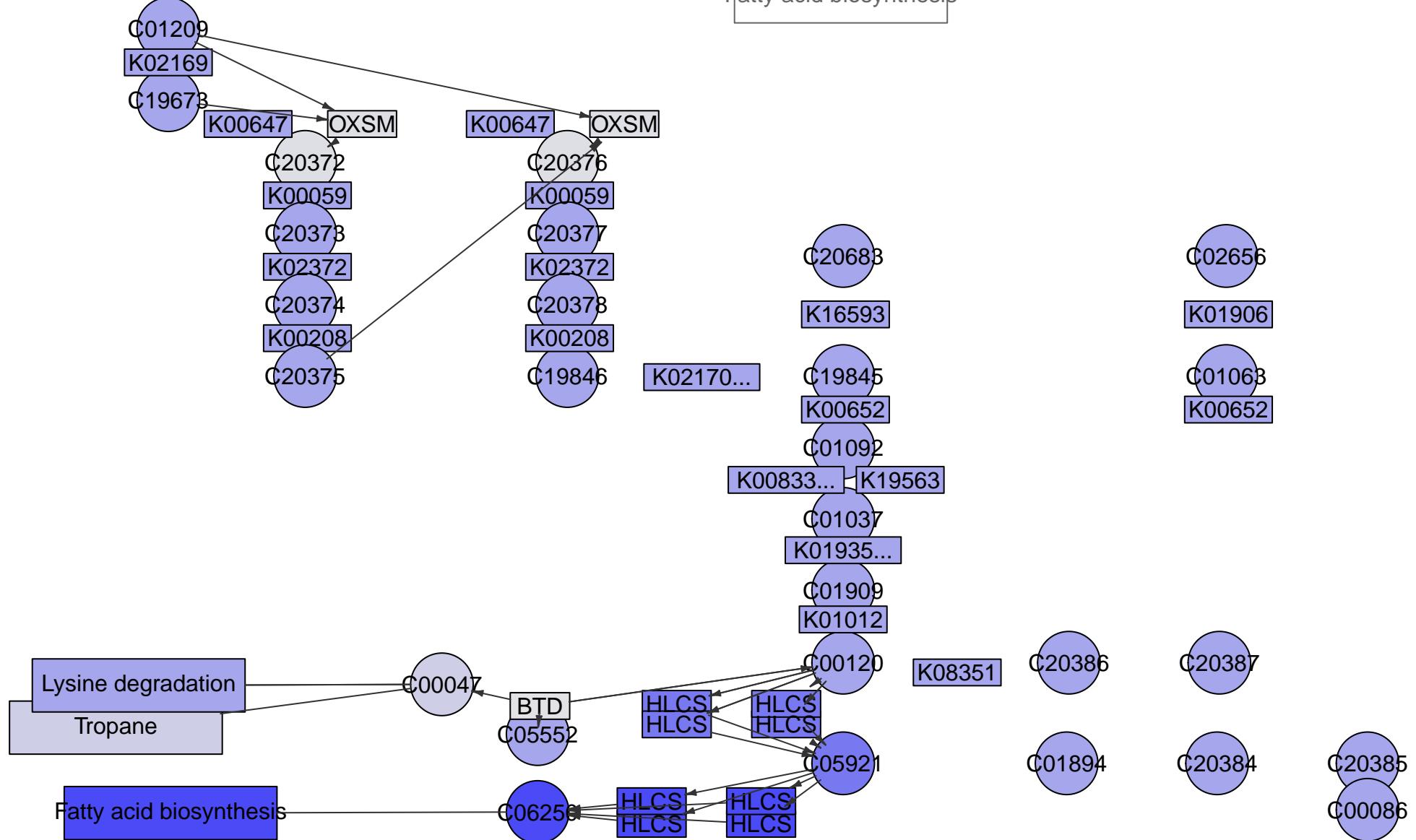
Biotin metabolism
MPI-032

Fatty acid biosynthesis



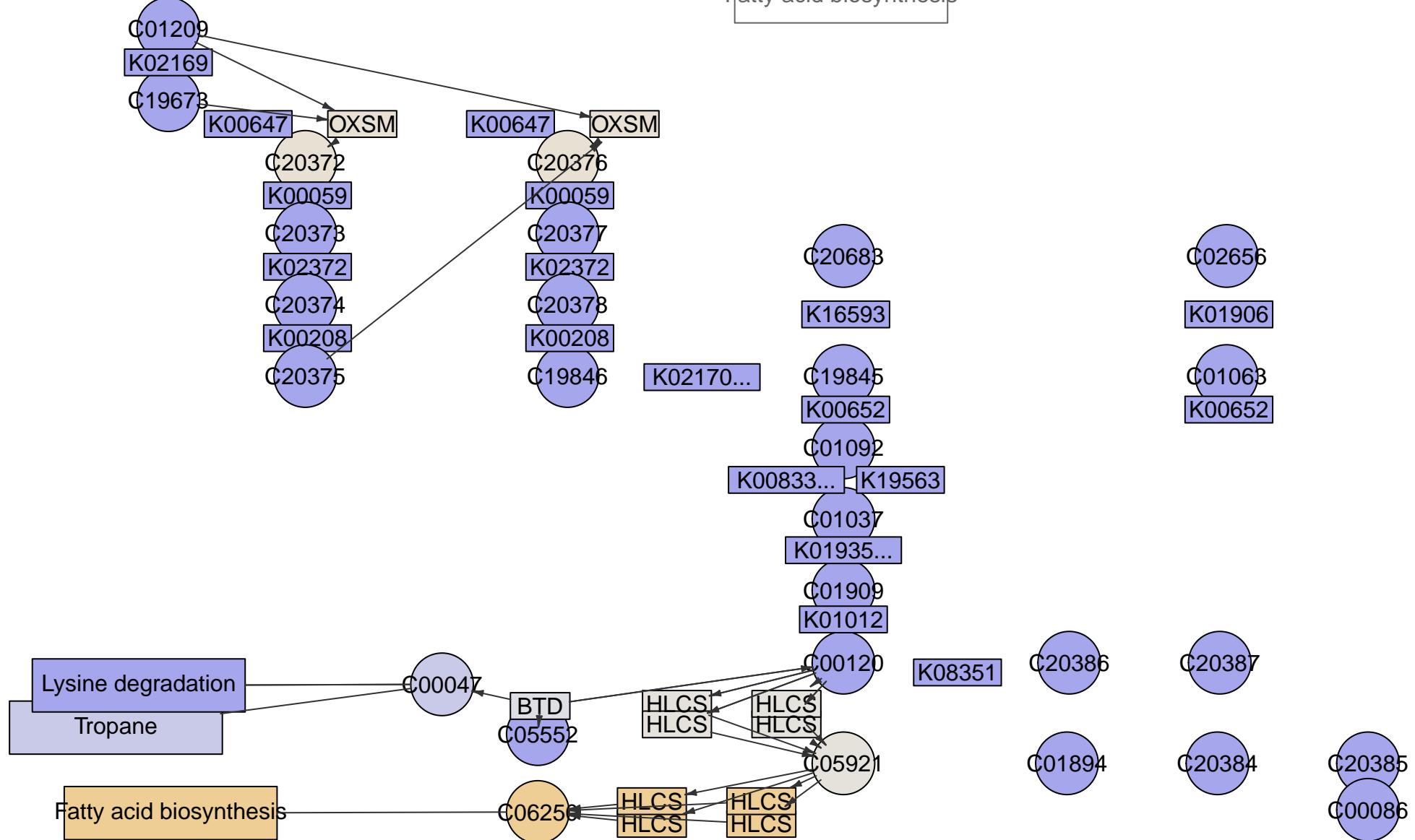
Biotin metabolism
MPI-033

Fatty acid biosynthesis



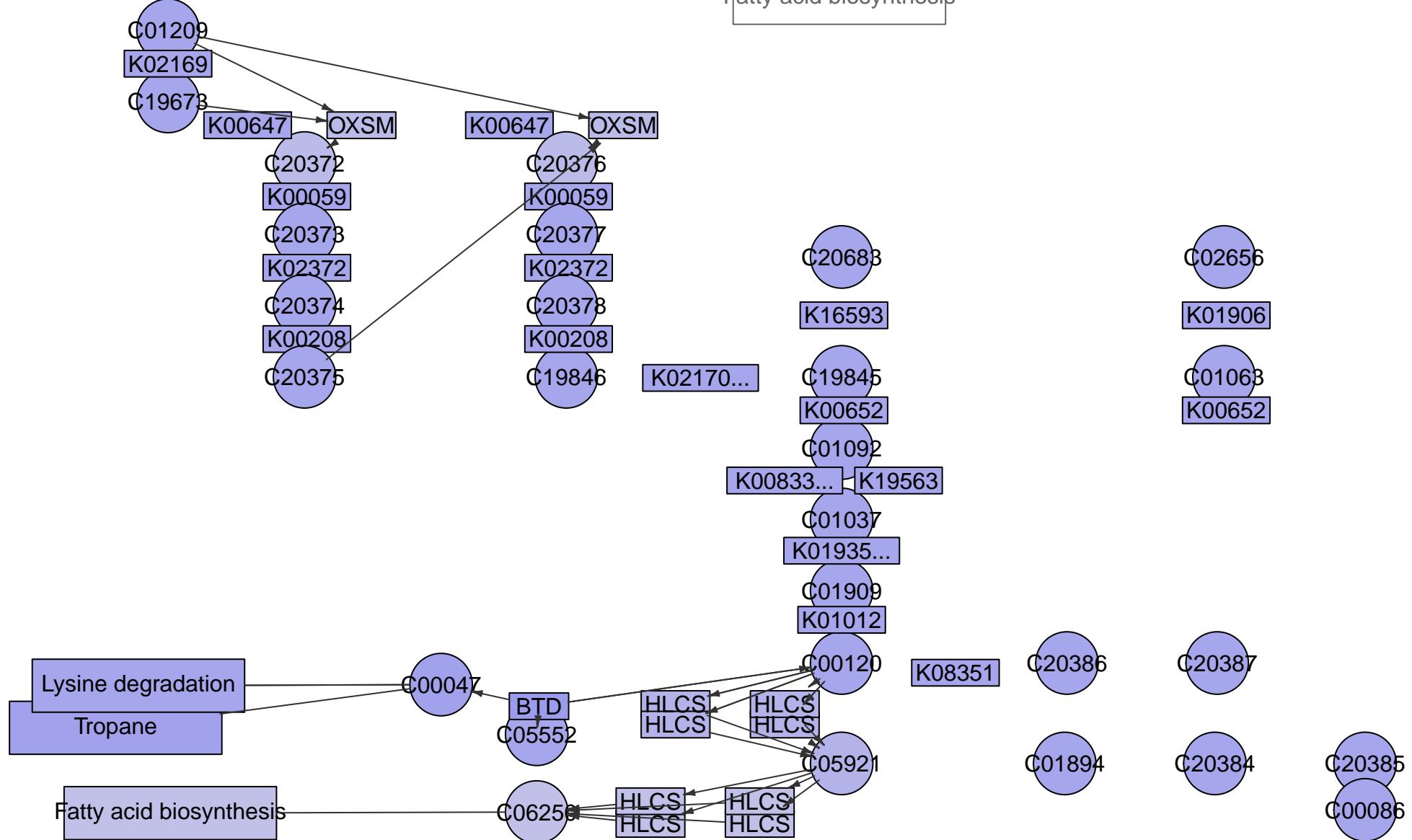
Biotin metabolism
MPI-034

Fatty acid biosynthesis



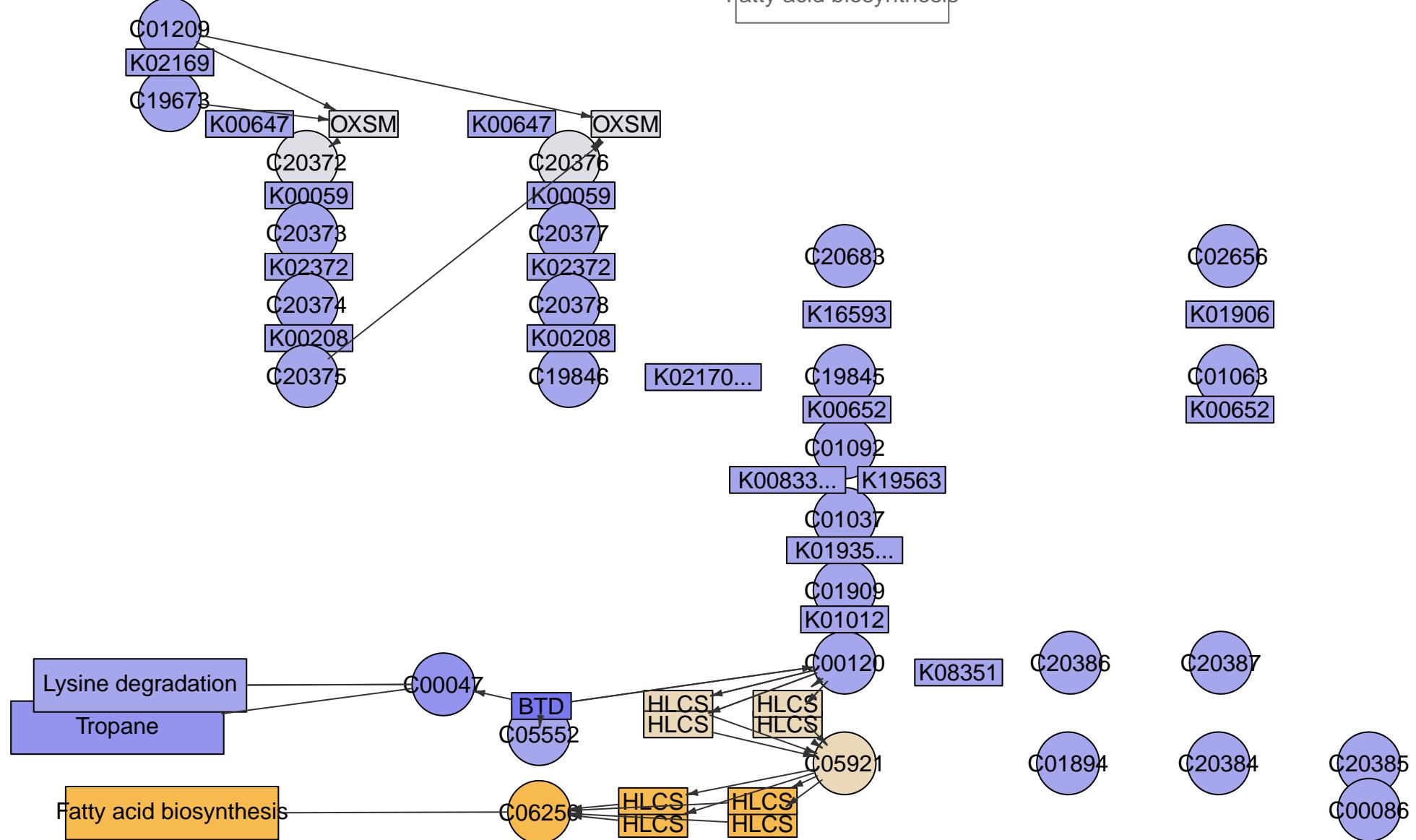
Biotin metabolism
MPI-043

Fatty acid biosynthesis



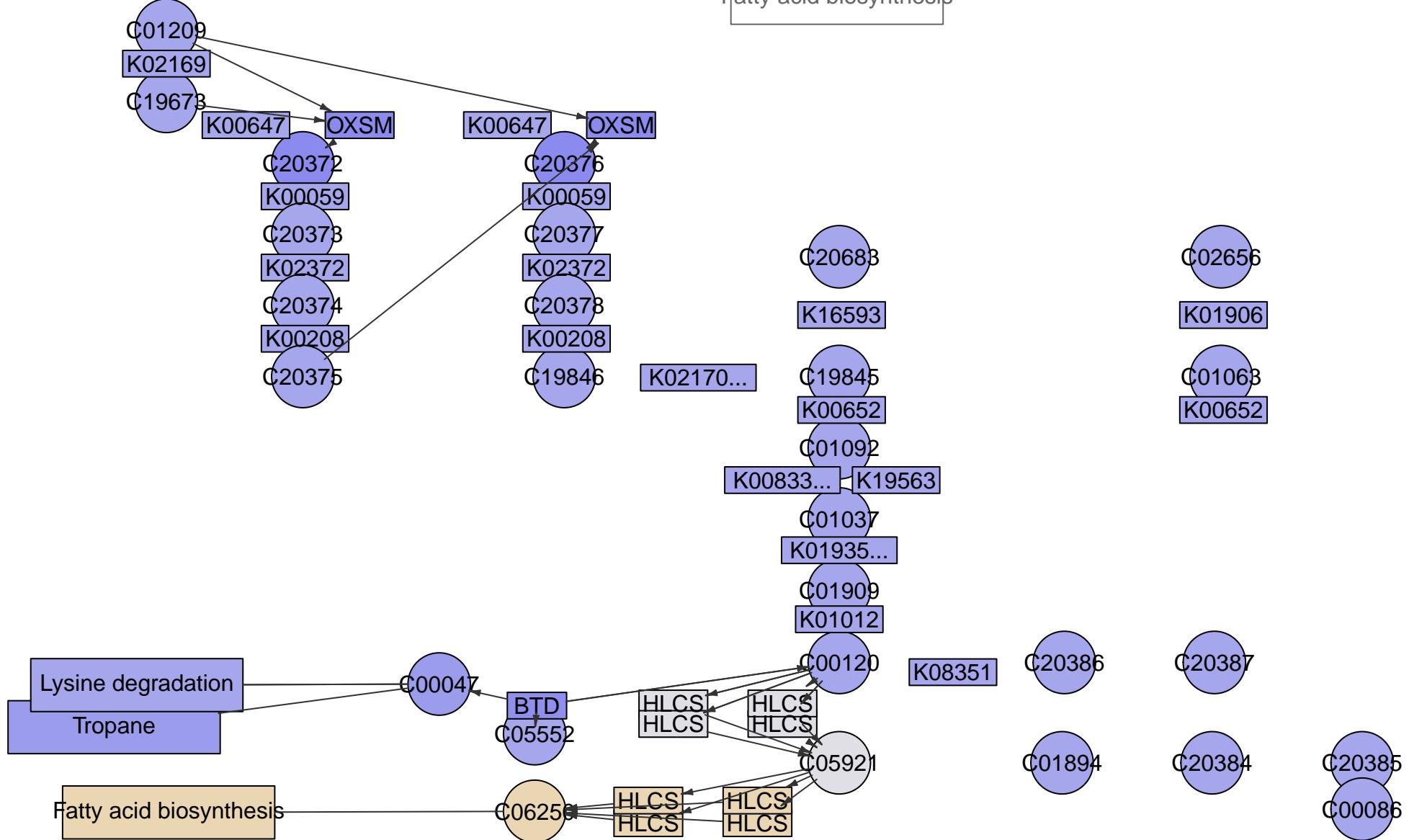
Biotin metabolism
MPI-044

Fatty acid biosynthesis



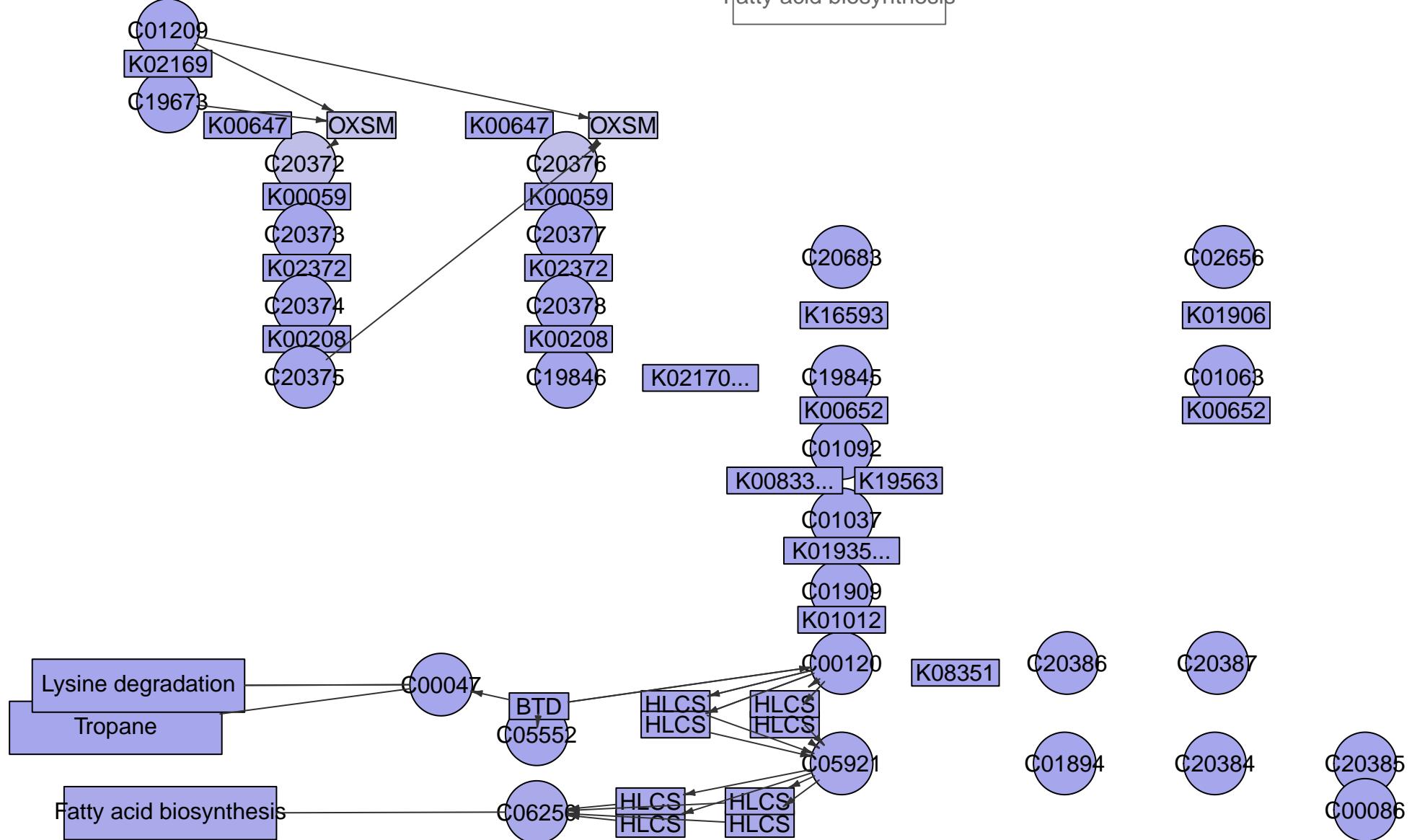
Biotin metabolism
MPI-048

Fatty acid biosynthesis



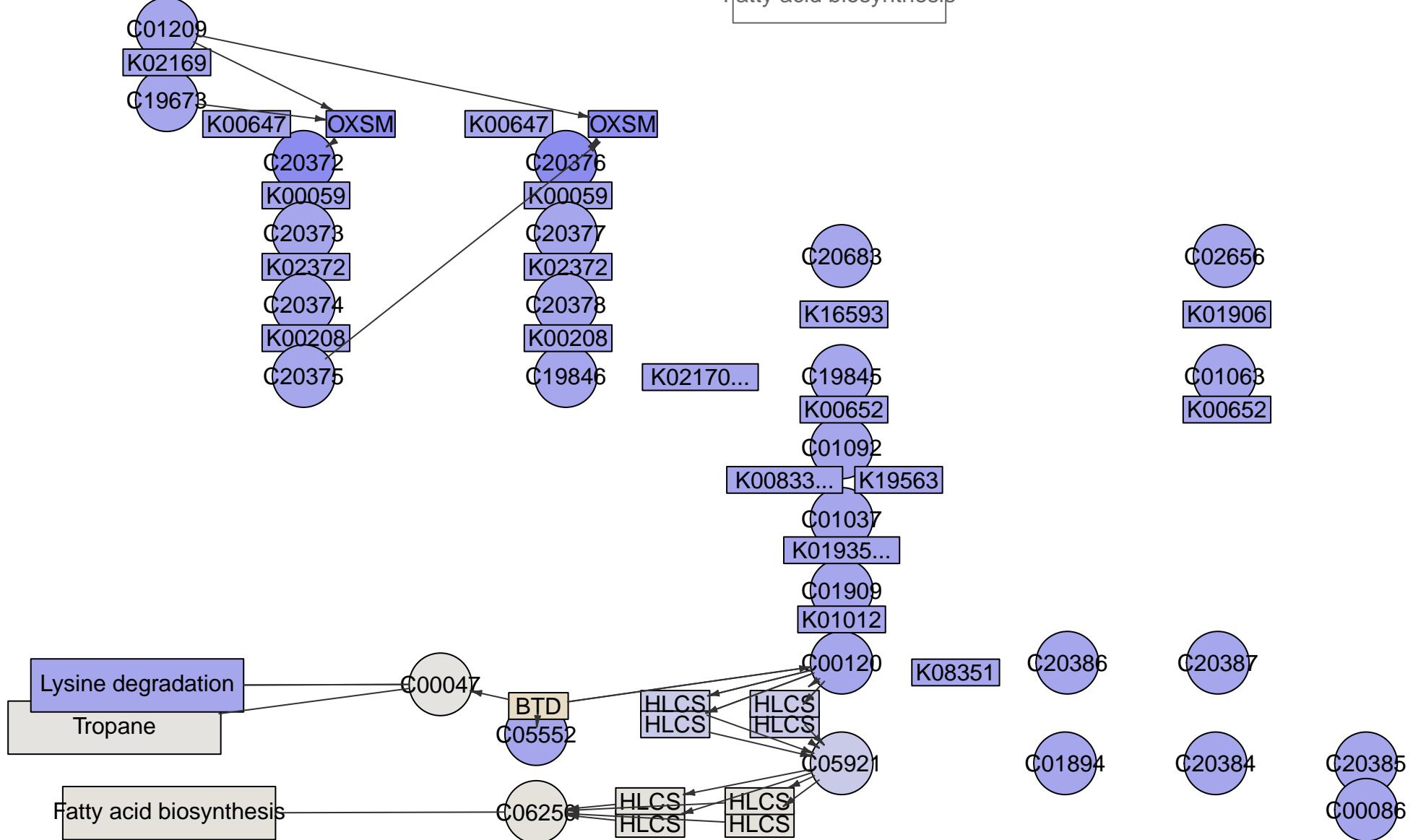
Biotin metabolism
MPI-055

Fatty acid biosynthesis



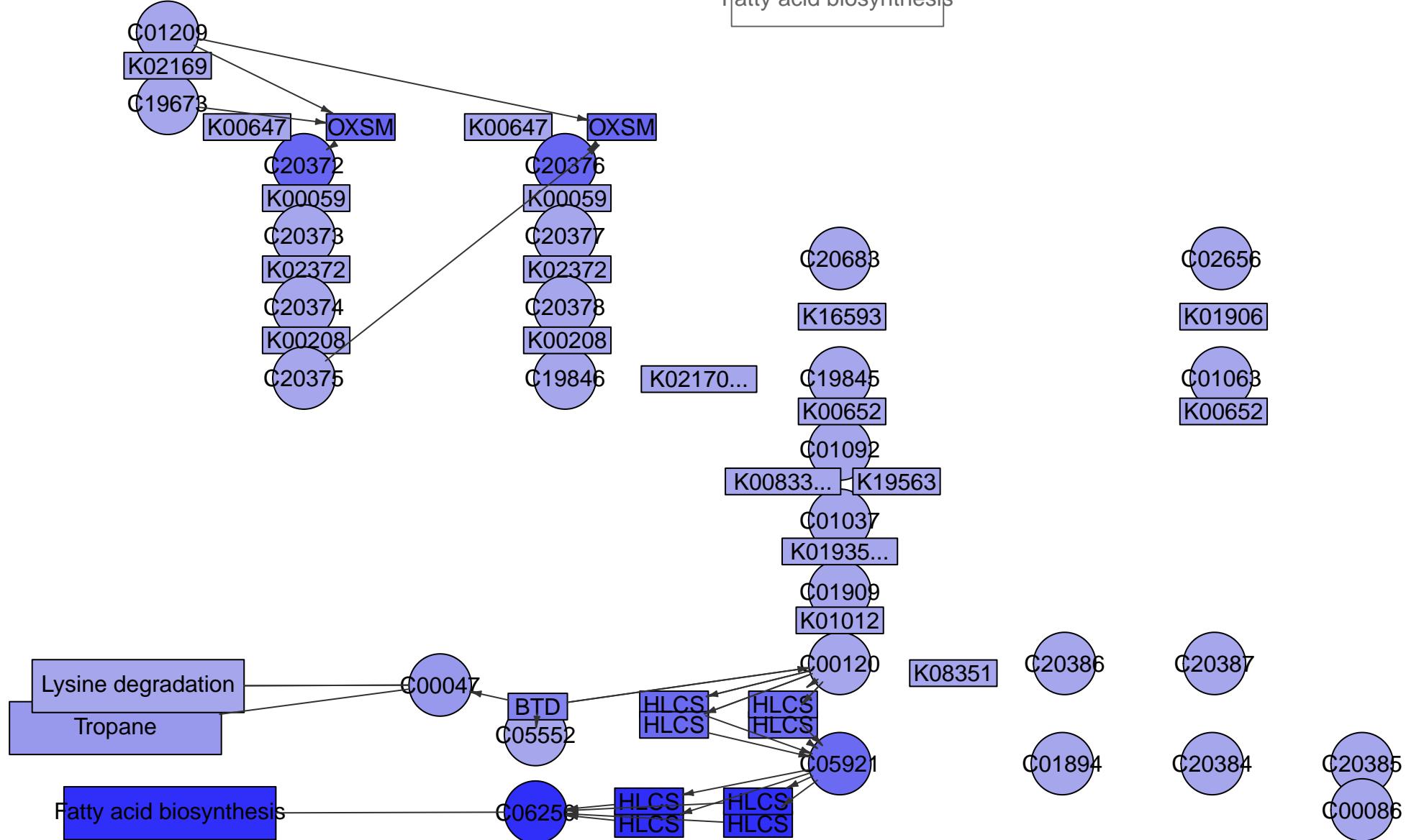
Biotin metabolism
MPI-065

Fatty acid biosynthesis



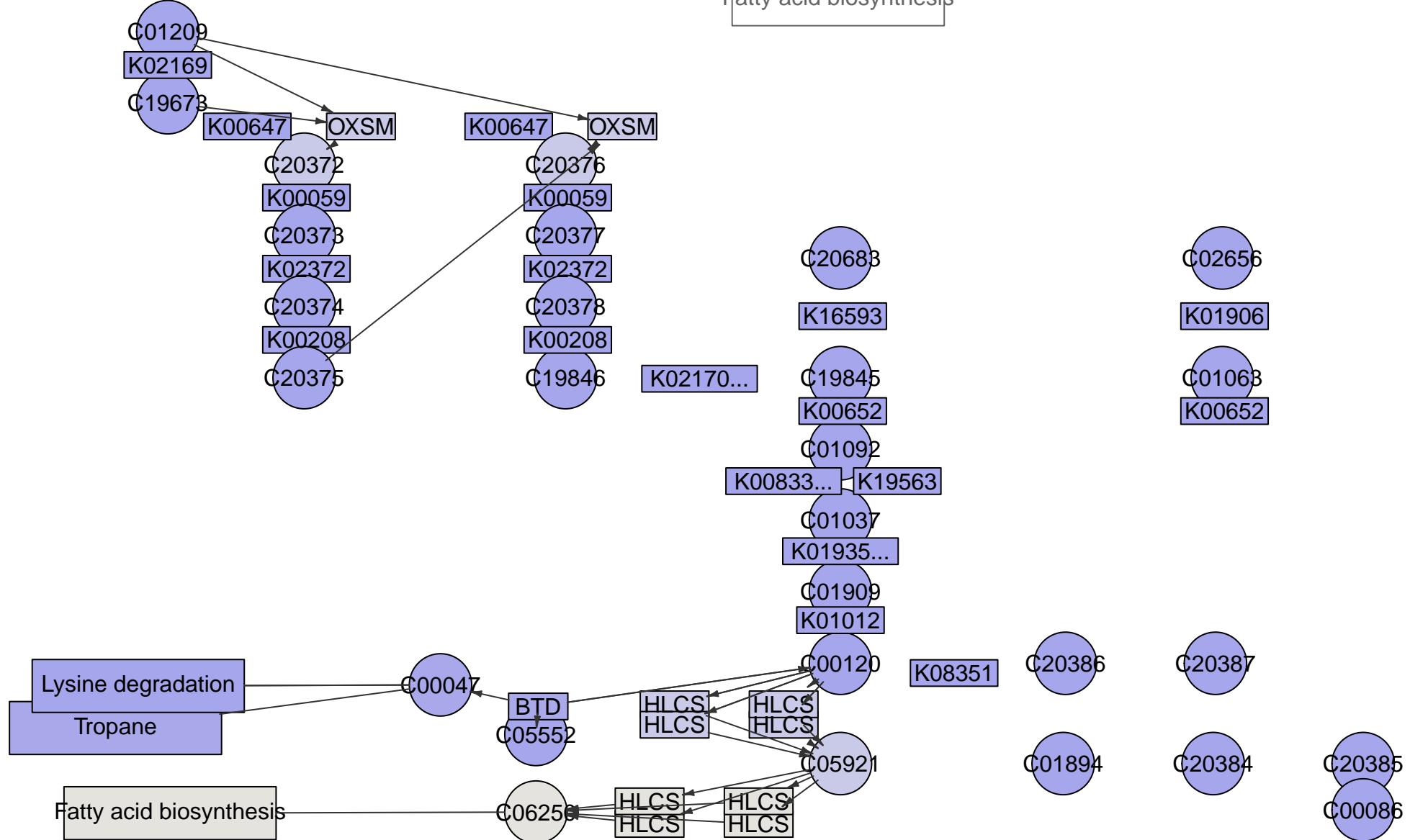
Biotin metabolism
MPI-071

Fatty acid biosynthesis



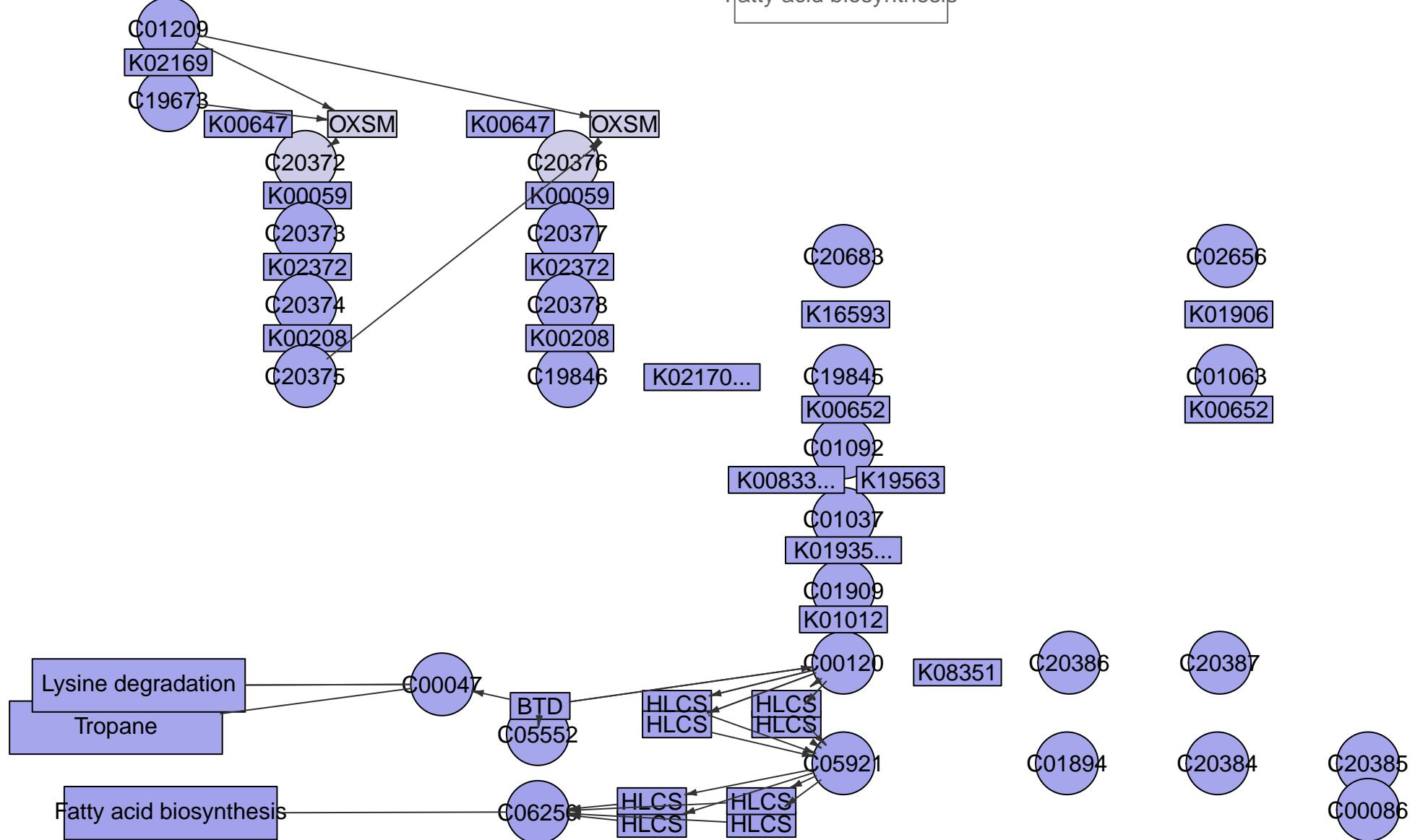
Biotin metabolism
MPI-075

Fatty acid biosynthesis



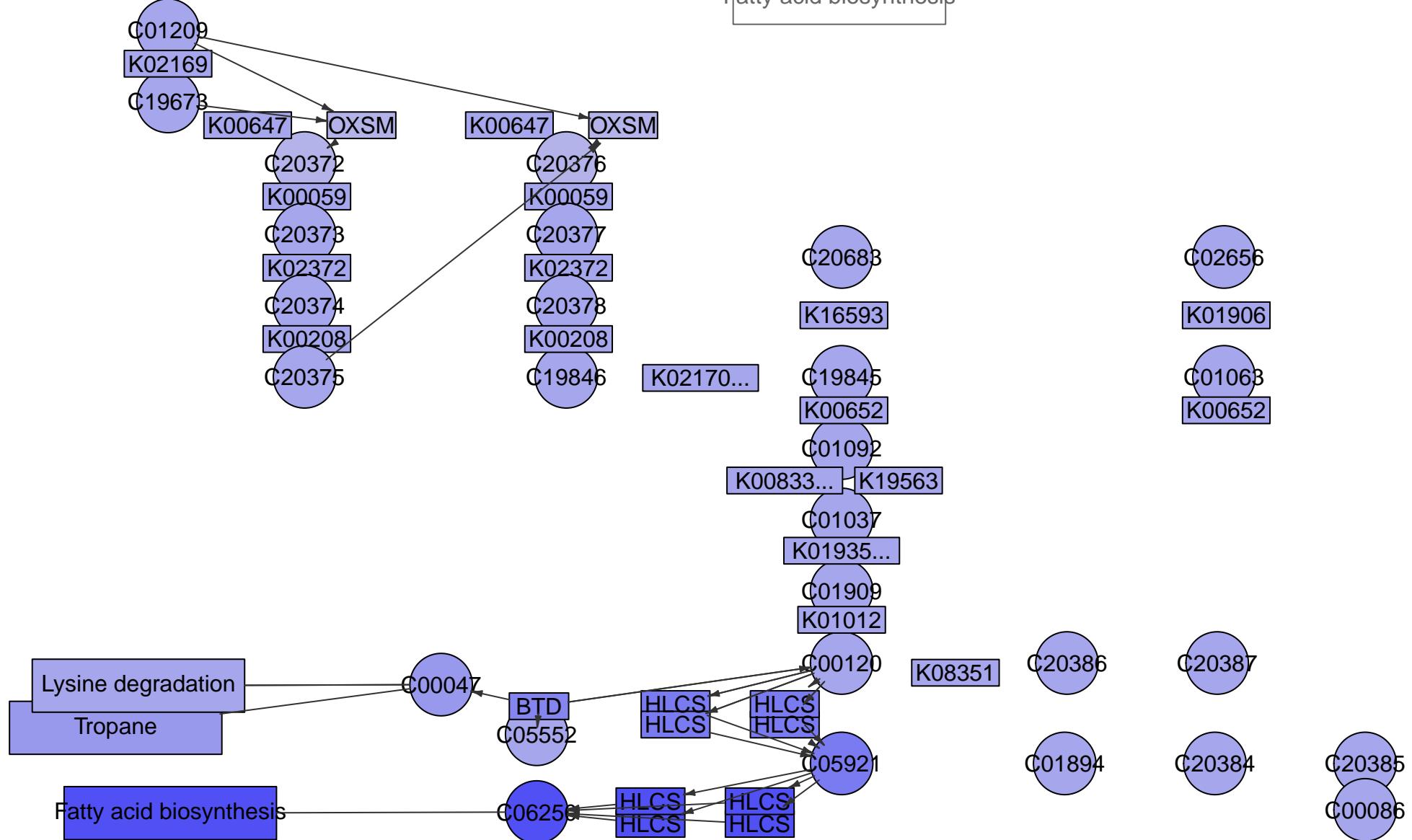
Biotin metabolism
MPI-077

Fatty acid biosynthesis



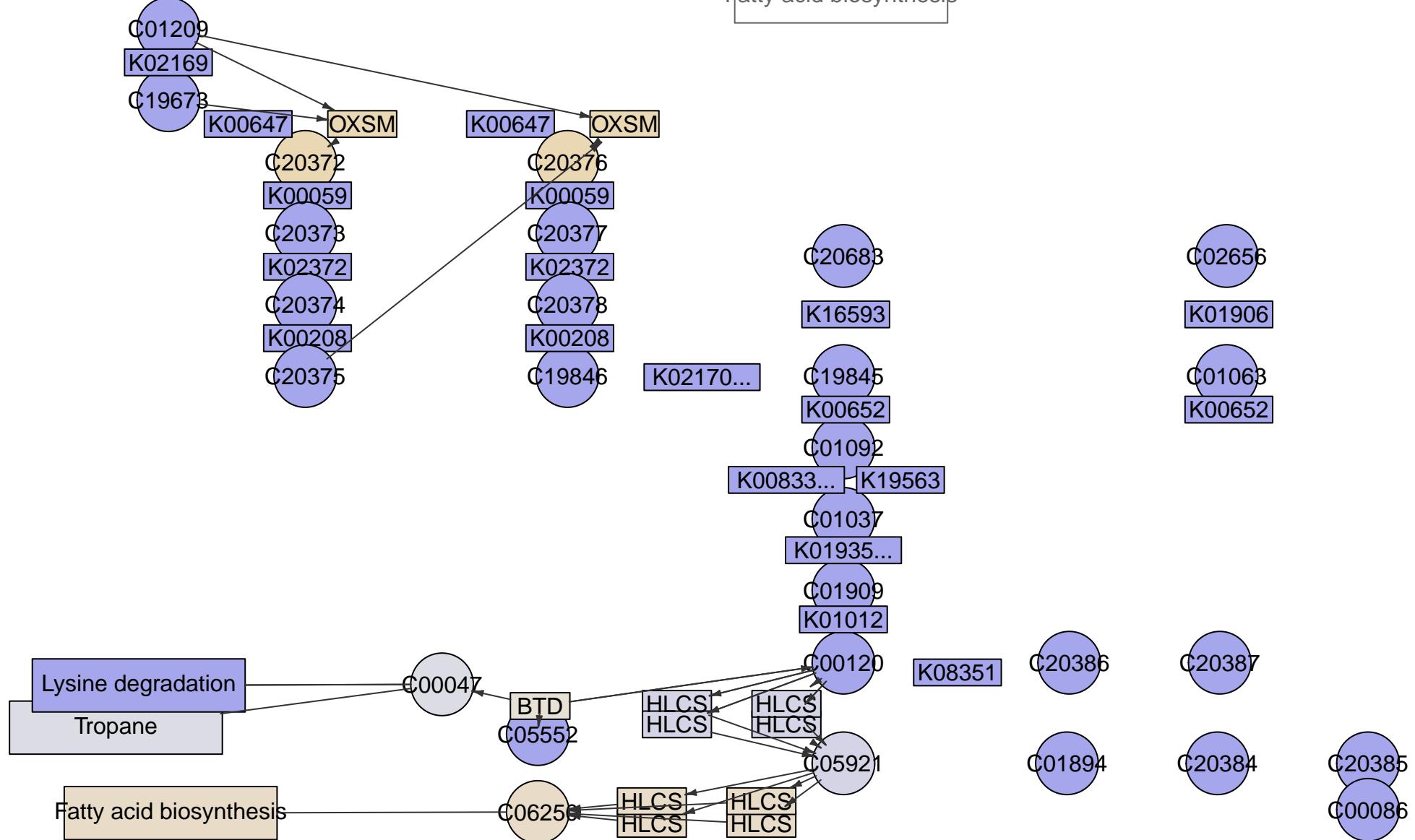
Biotin metabolism
MPI-078

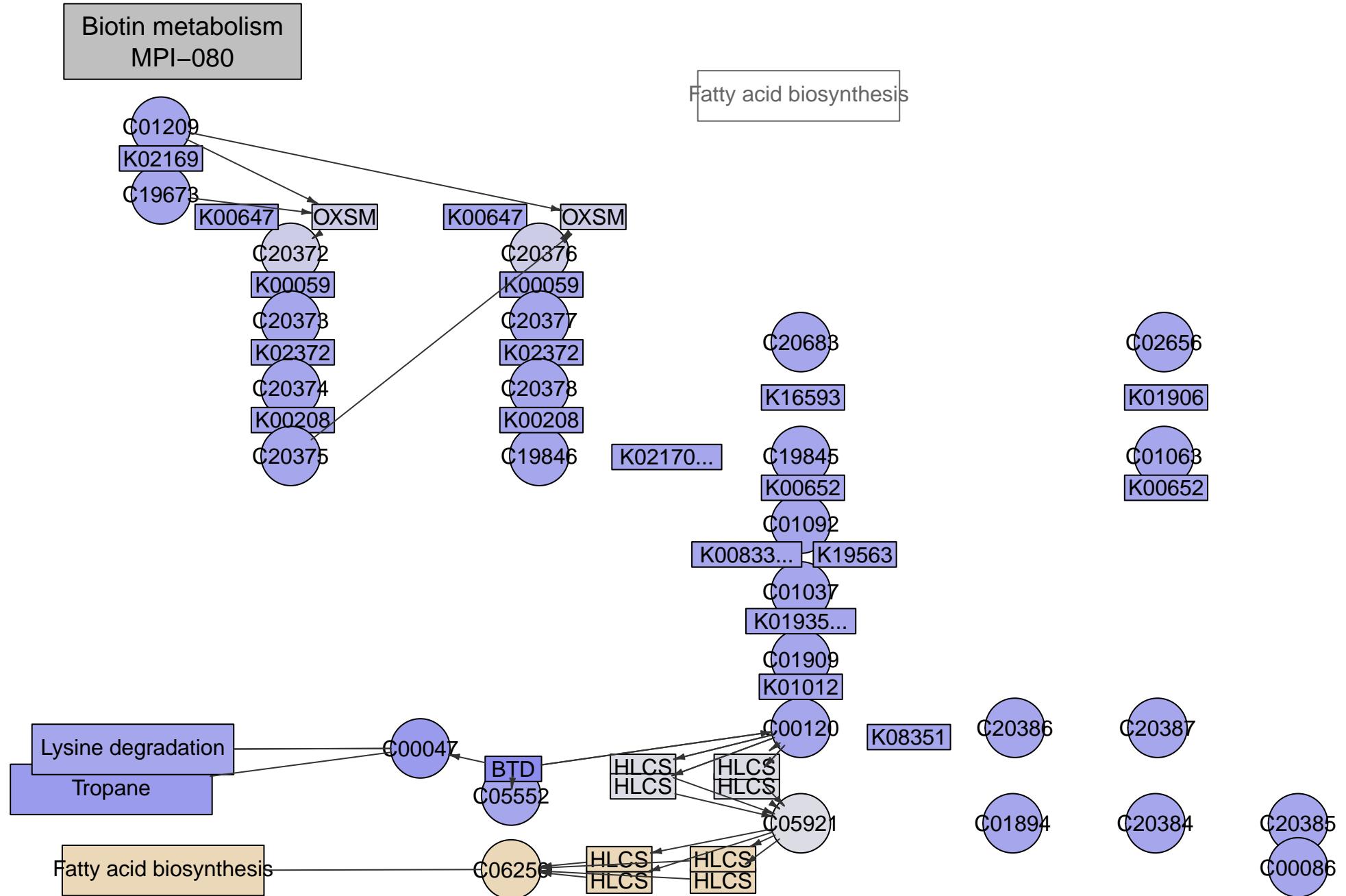
Fatty acid biosynthesis



Biotin metabolism
MPI-079

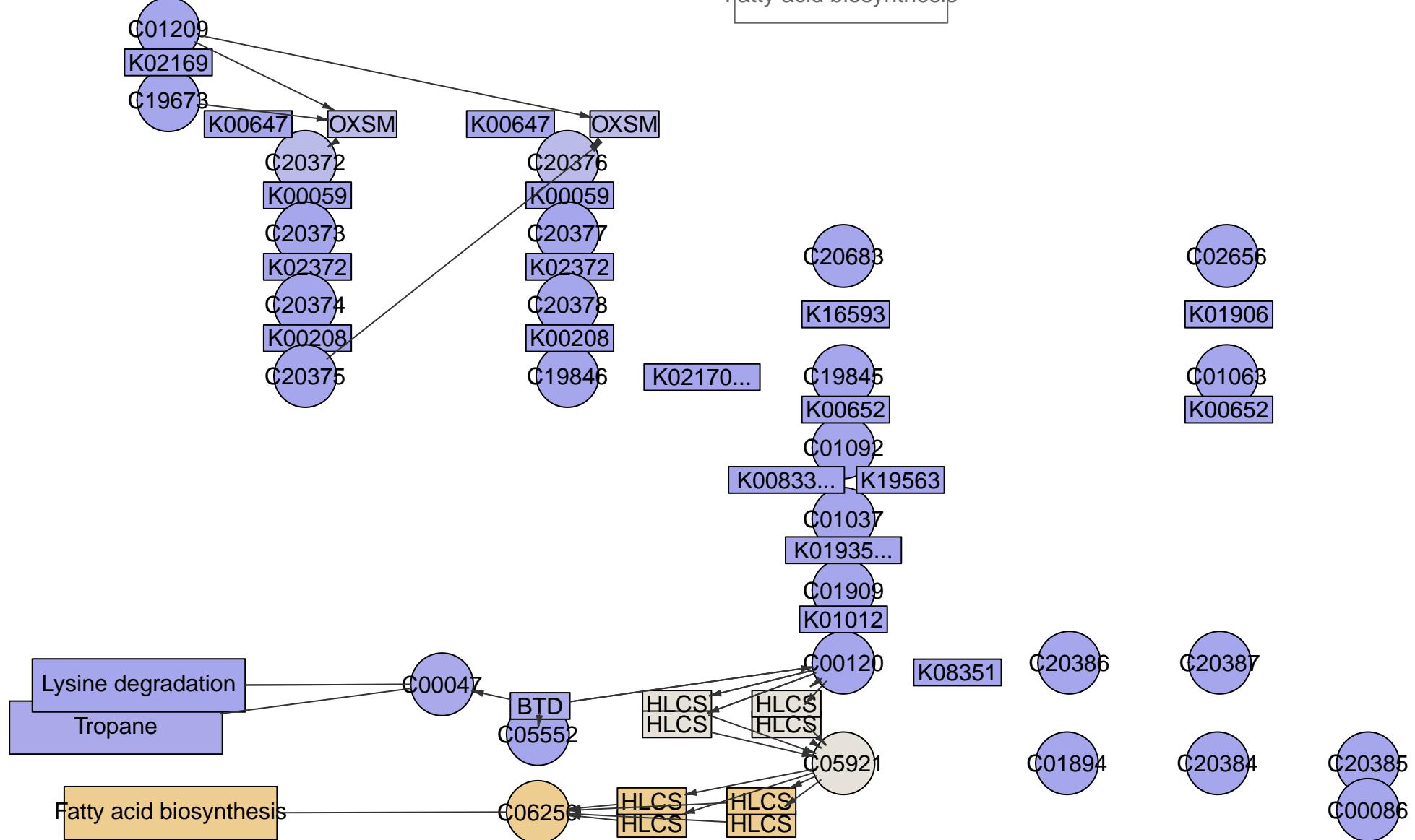
Fatty acid biosynthesis





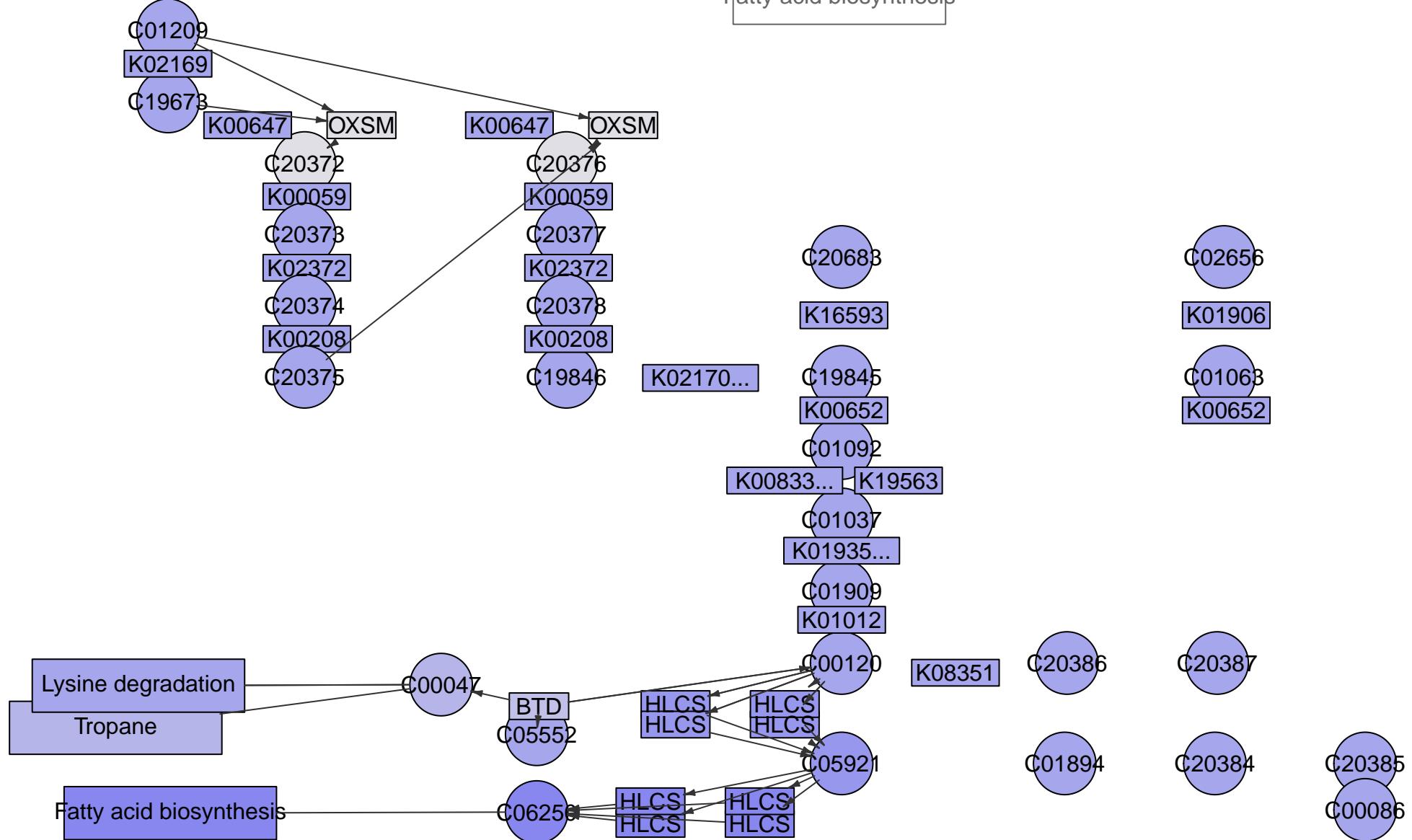
Biotin metabolism
MPI-081

Fatty acid biosynthesis



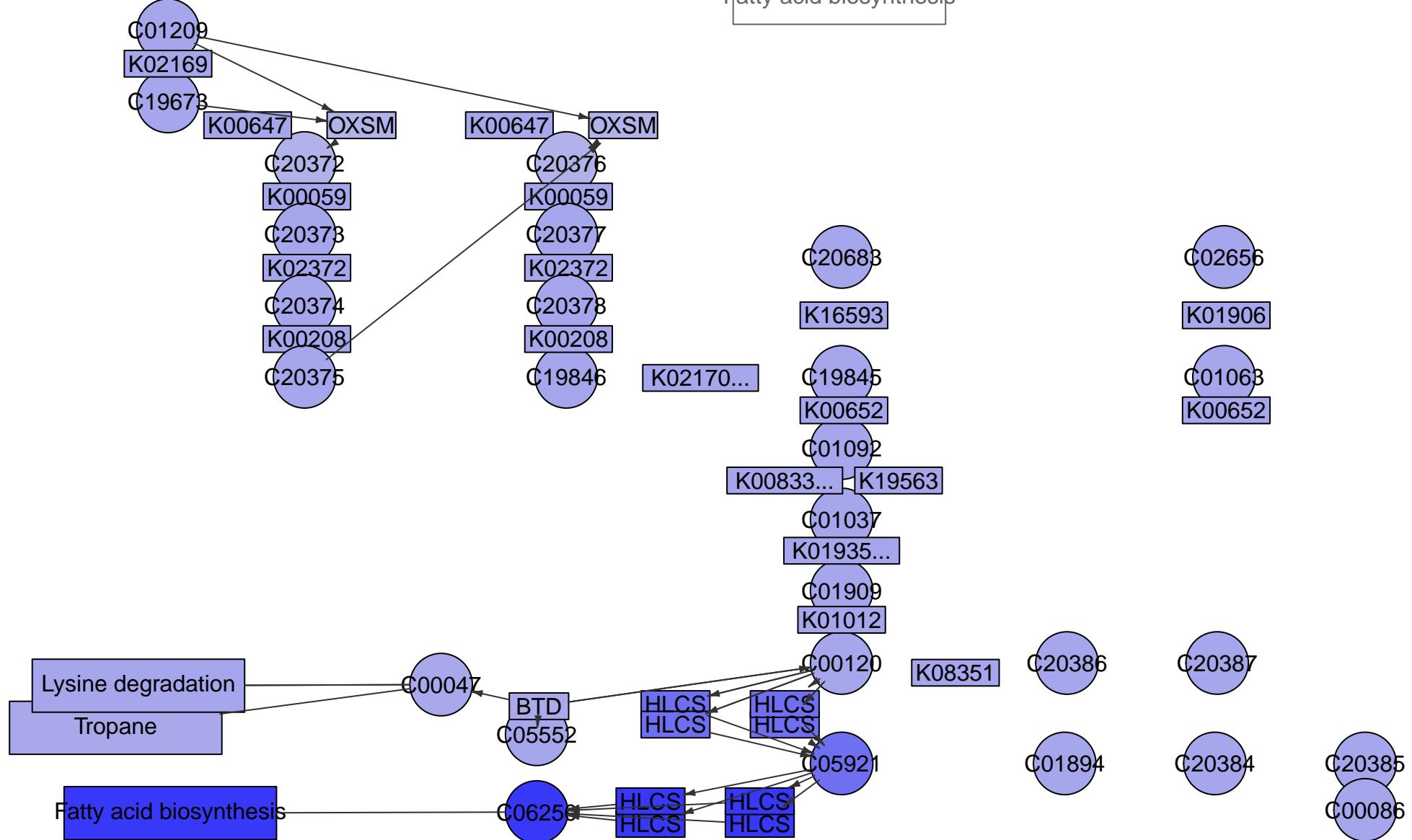
Biotin metabolism
MPI-082

Fatty acid biosynthesis



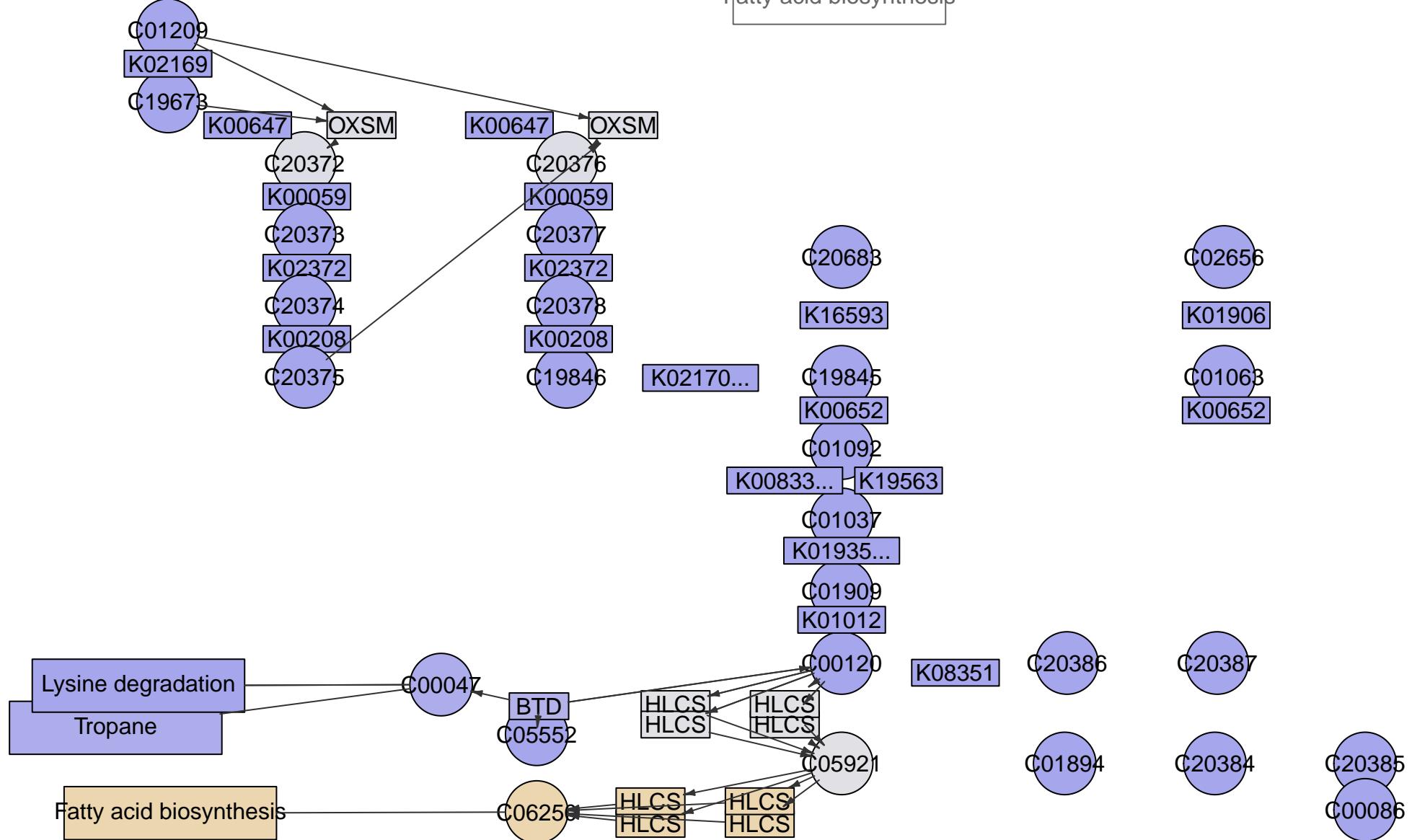
Biotin metabolism
MPI-084

Fatty acid biosynthesis



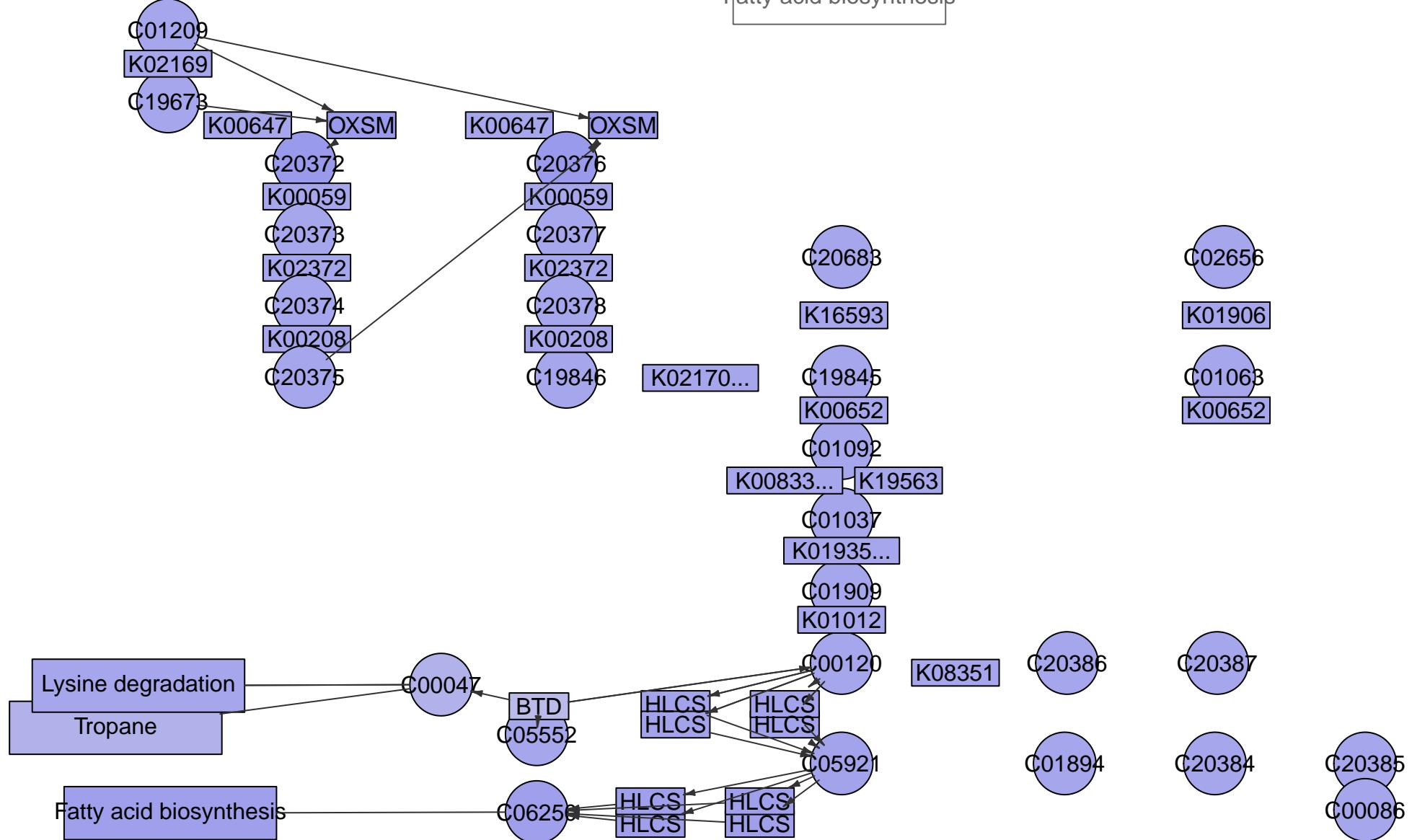
Biotin metabolism
MPI-085

Fatty acid biosynthesis



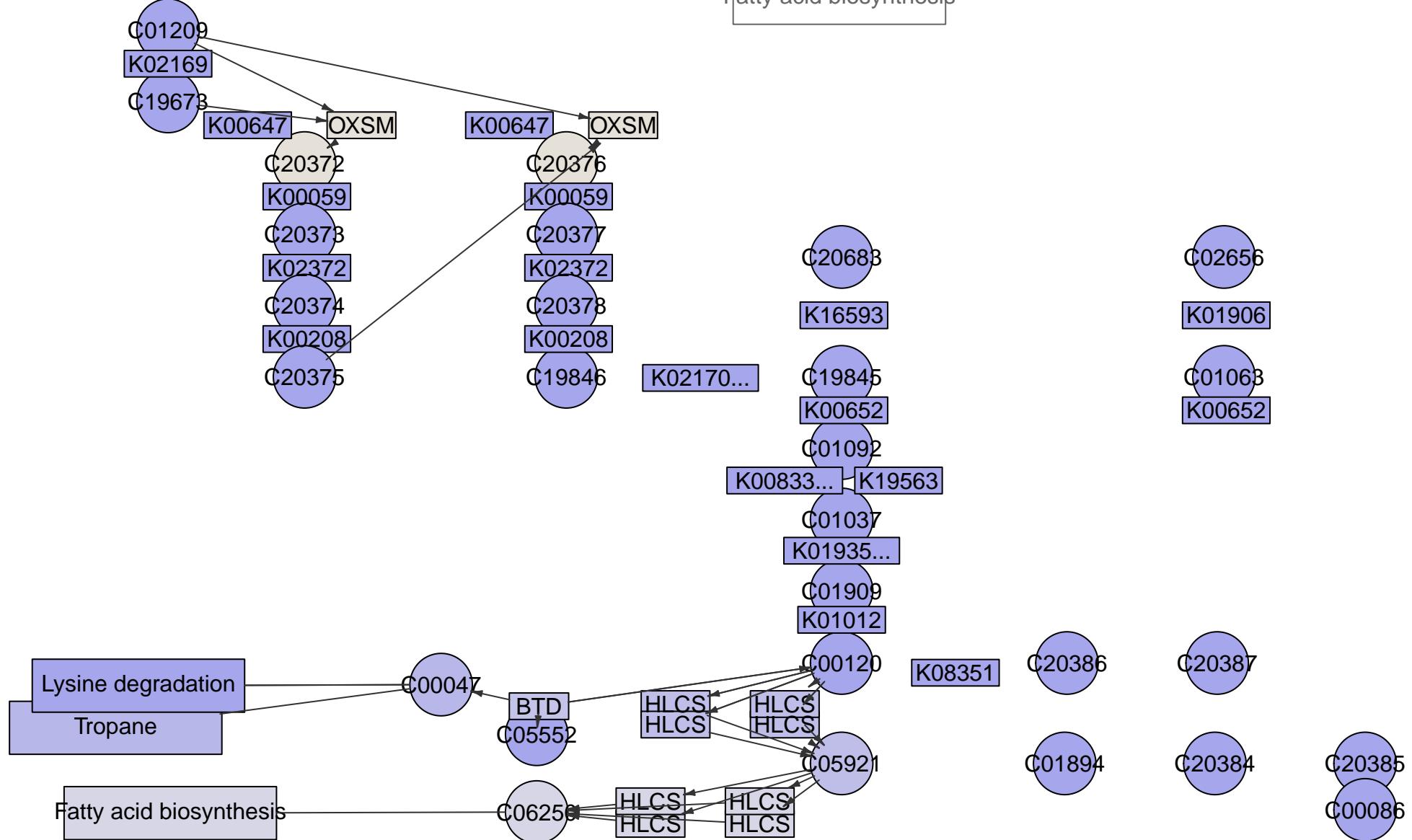
Biotin metabolism
MPI-086

Fatty acid biosynthesis



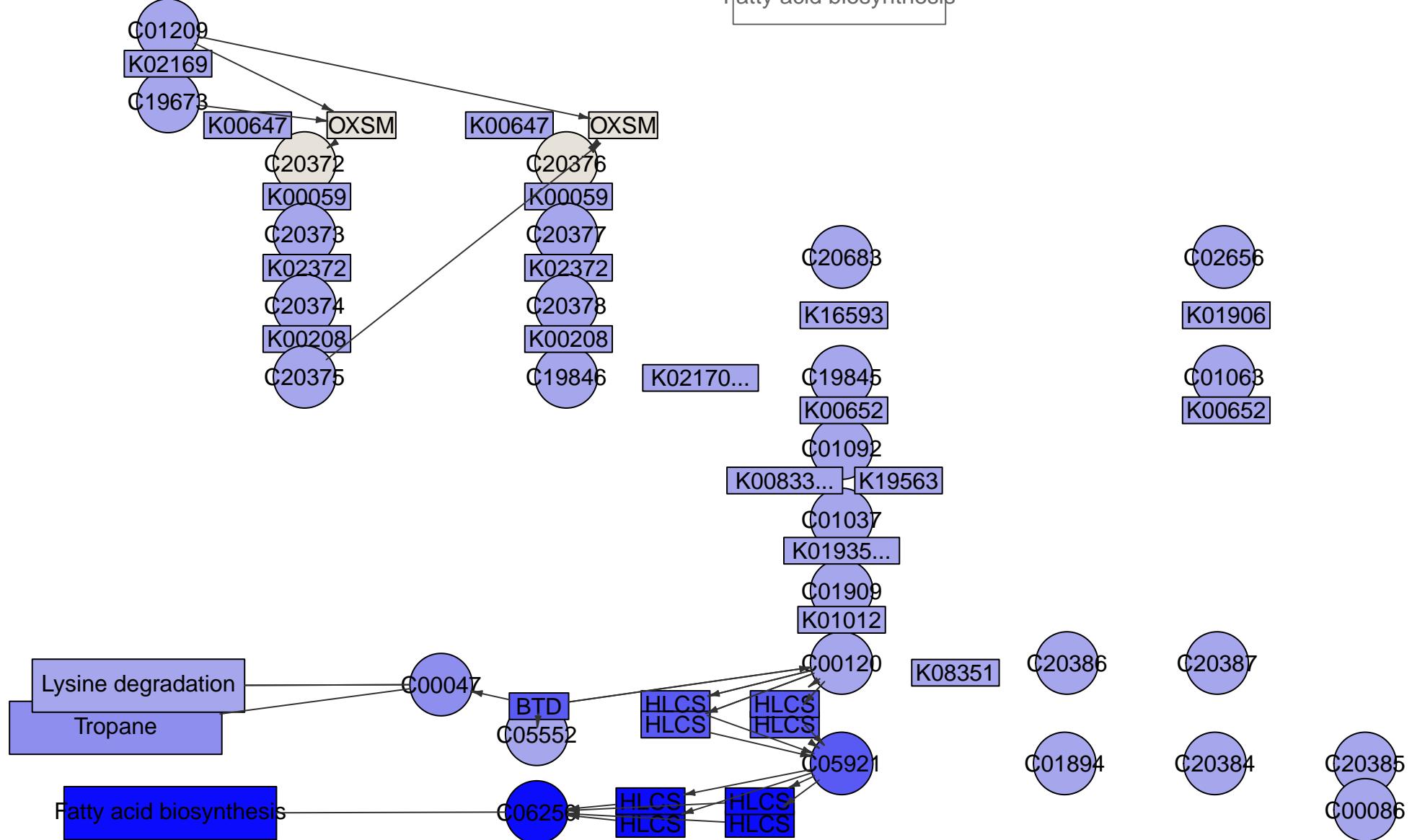
Biotin metabolism
MPI-087

Fatty acid biosynthesis



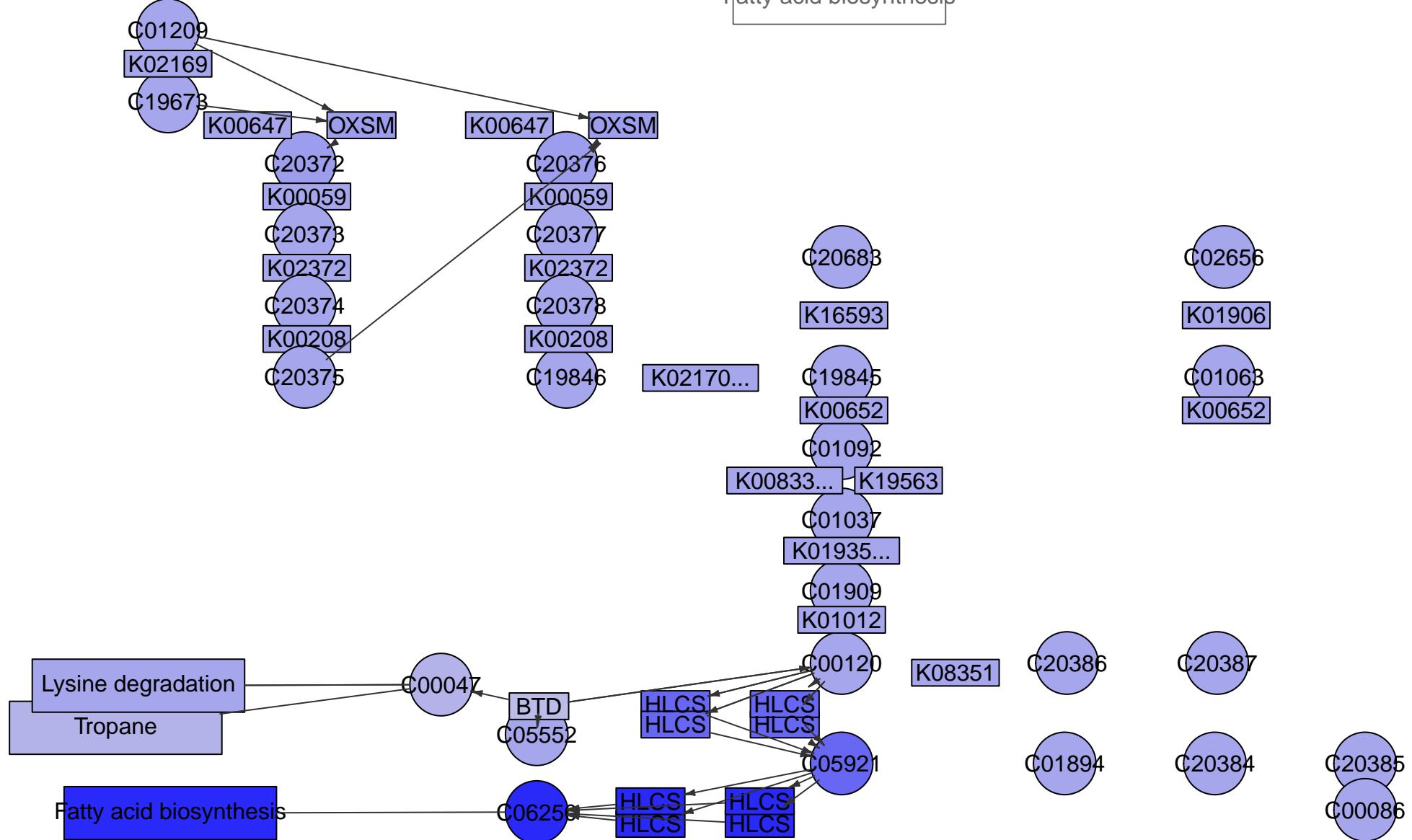
Biotin metabolism
MPI-089

Fatty acid biosynthesis



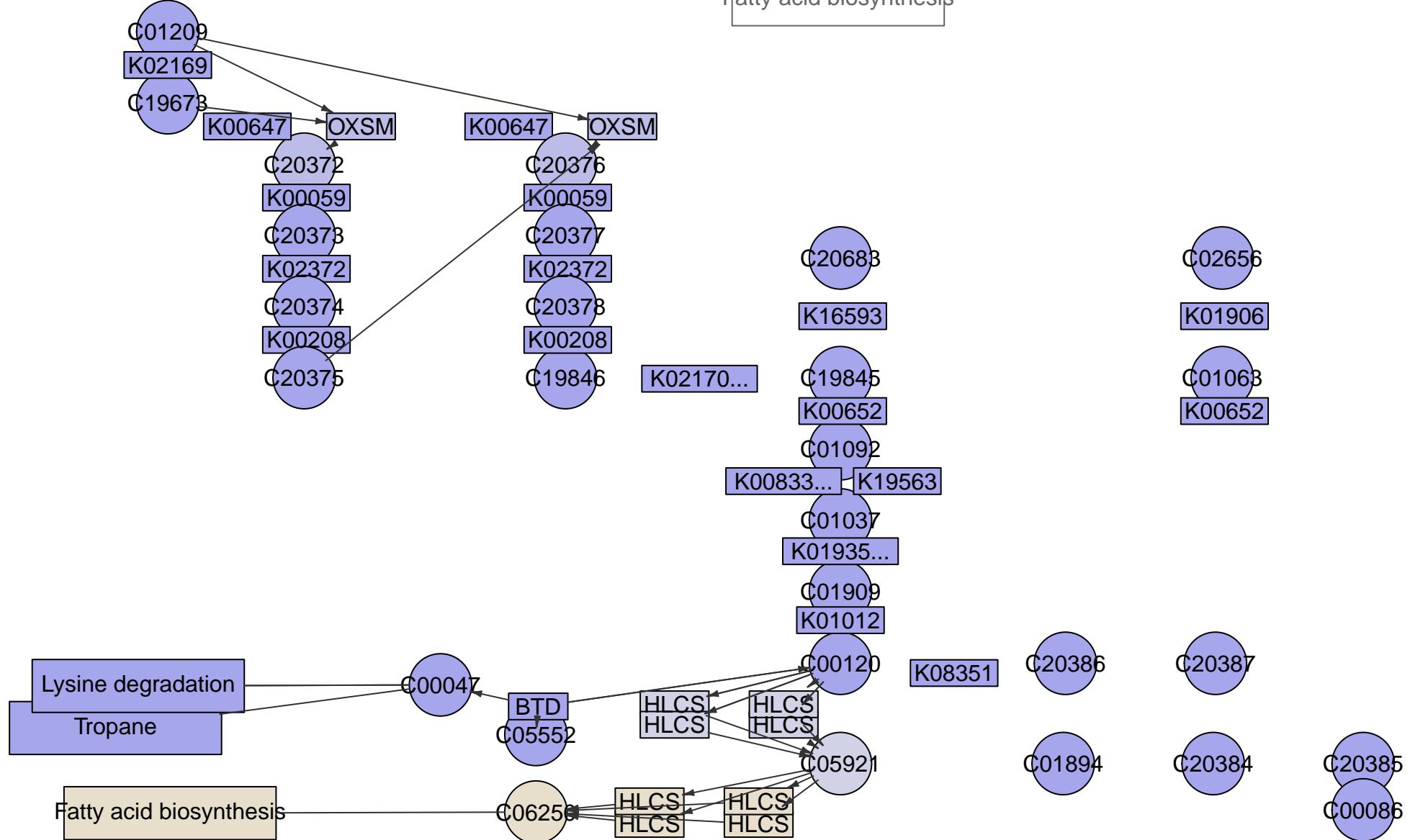
Biotin metabolism
MPI-090

Fatty acid biosynthesis



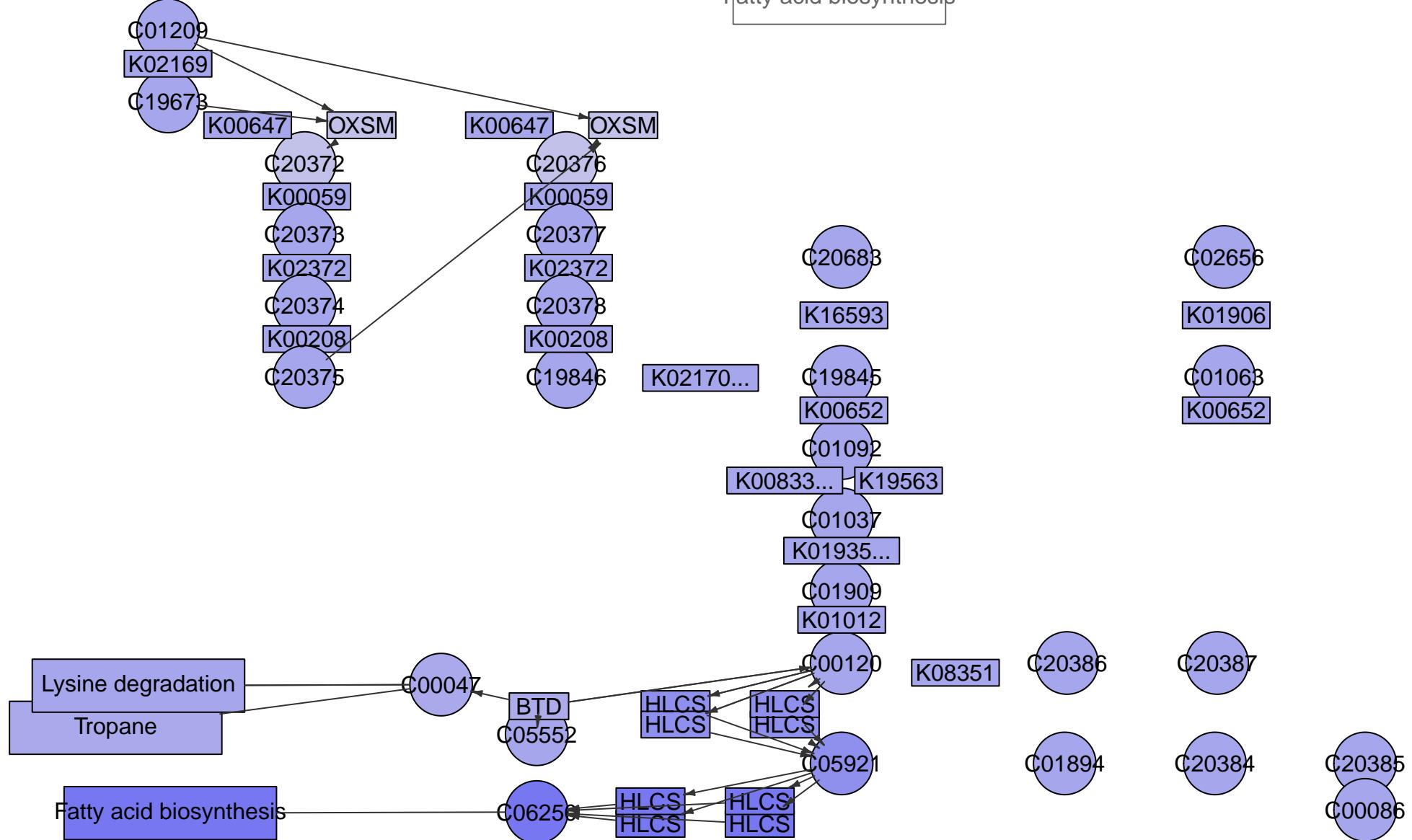
Biotin metabolism
MPI-091

Fatty acid biosynthesis



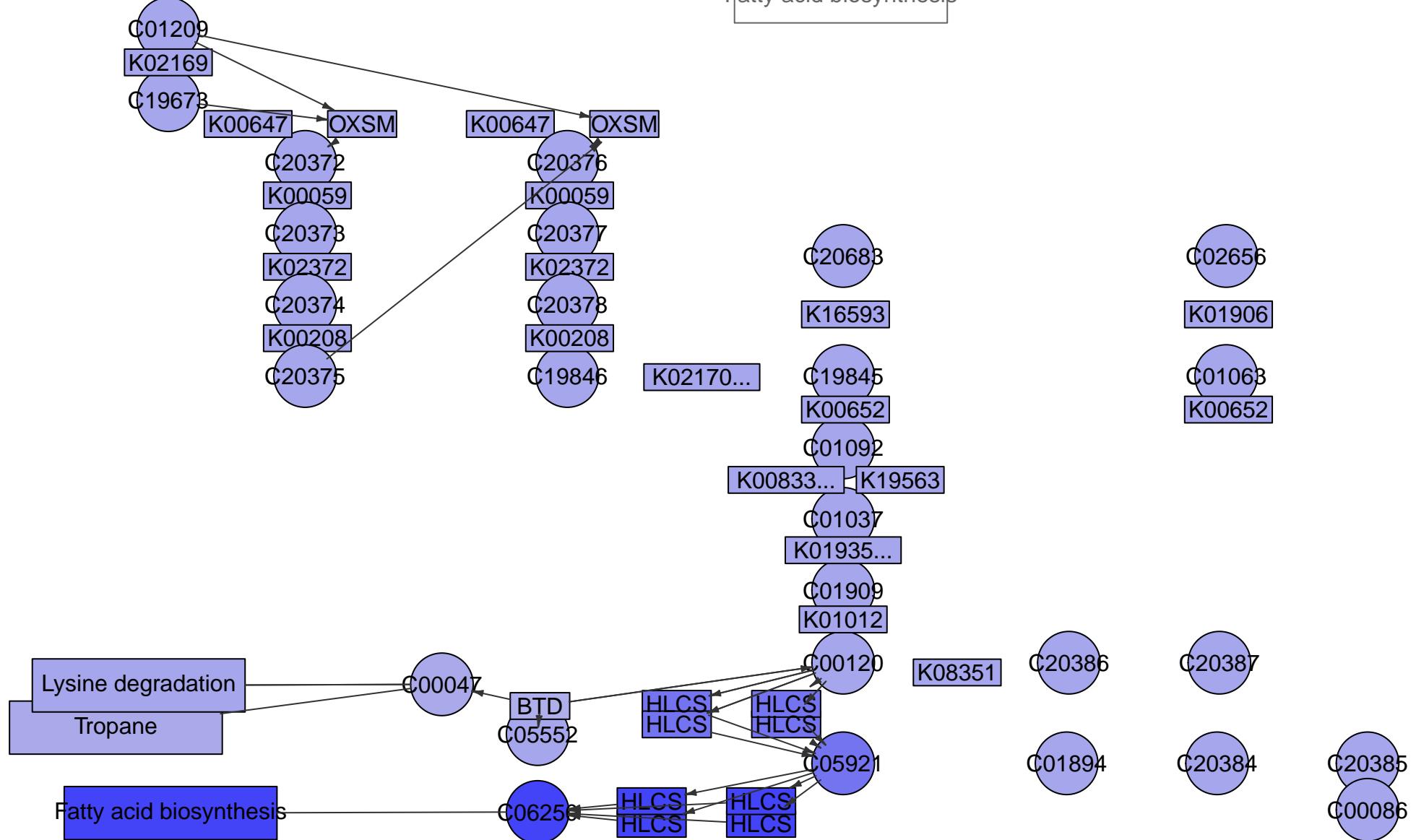
Biotin metabolism
MPI-095

Fatty acid biosynthesis



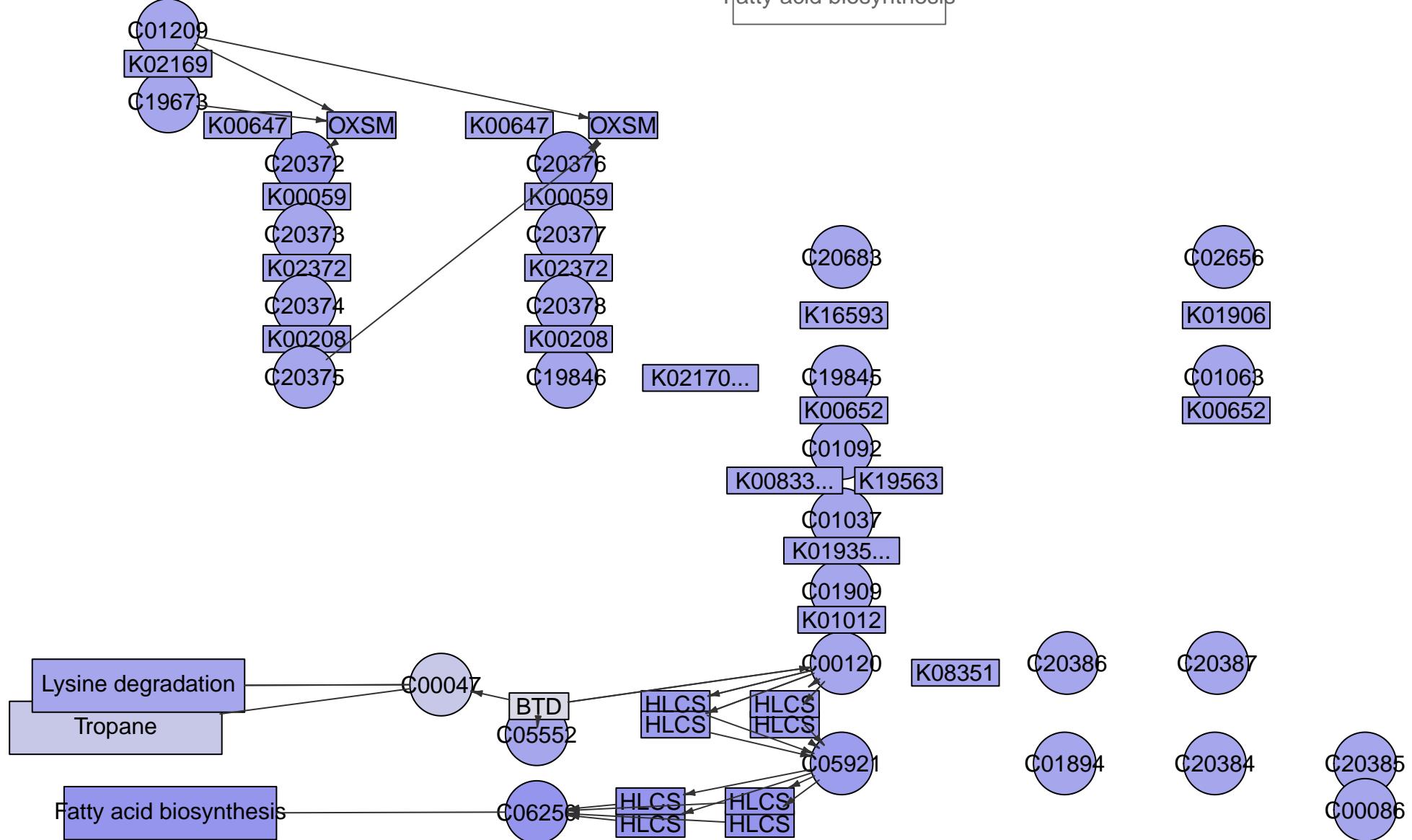
Biotin metabolism
MPI-101

Fatty acid biosynthesis



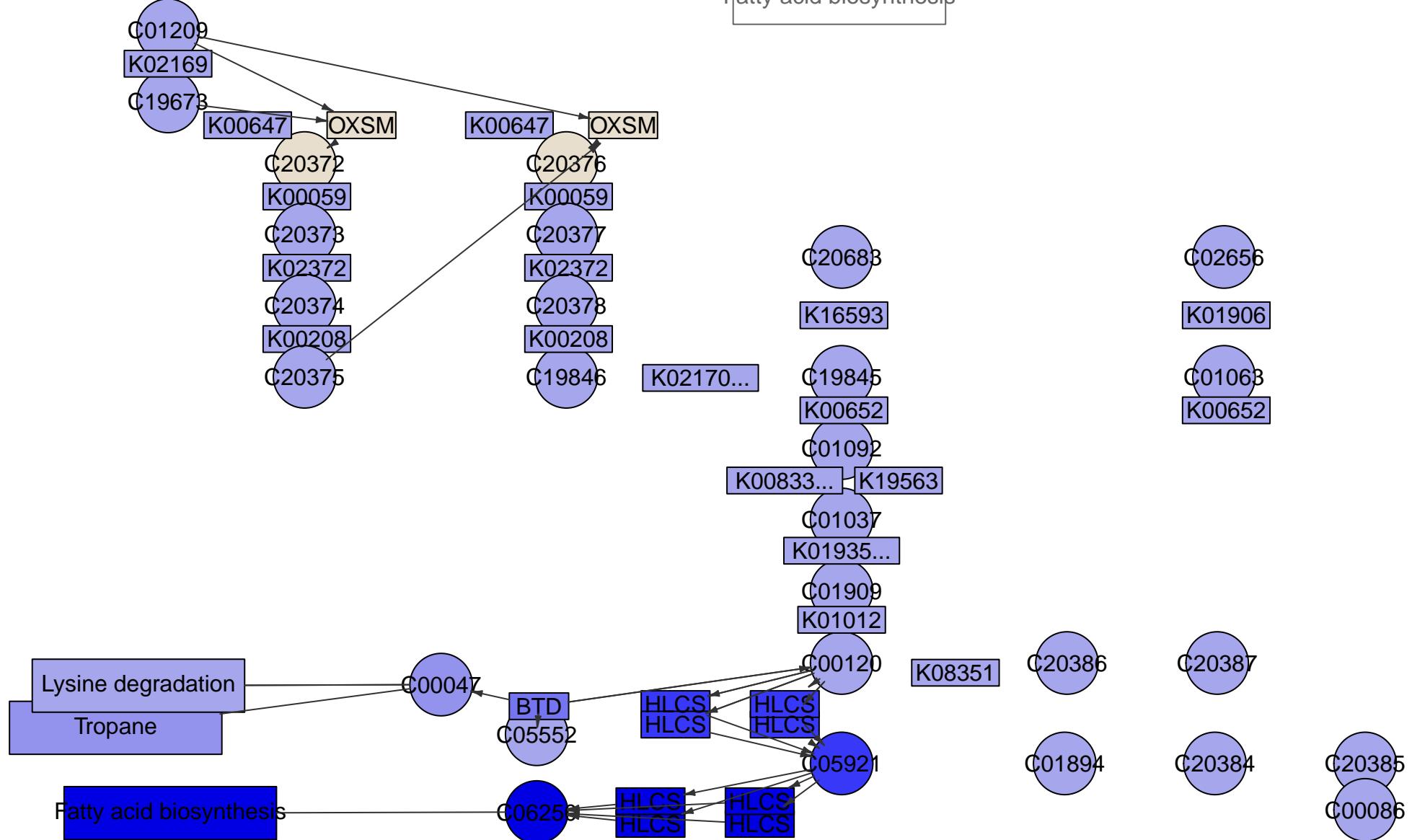
Biotin metabolism
MPI-114

Fatty acid biosynthesis



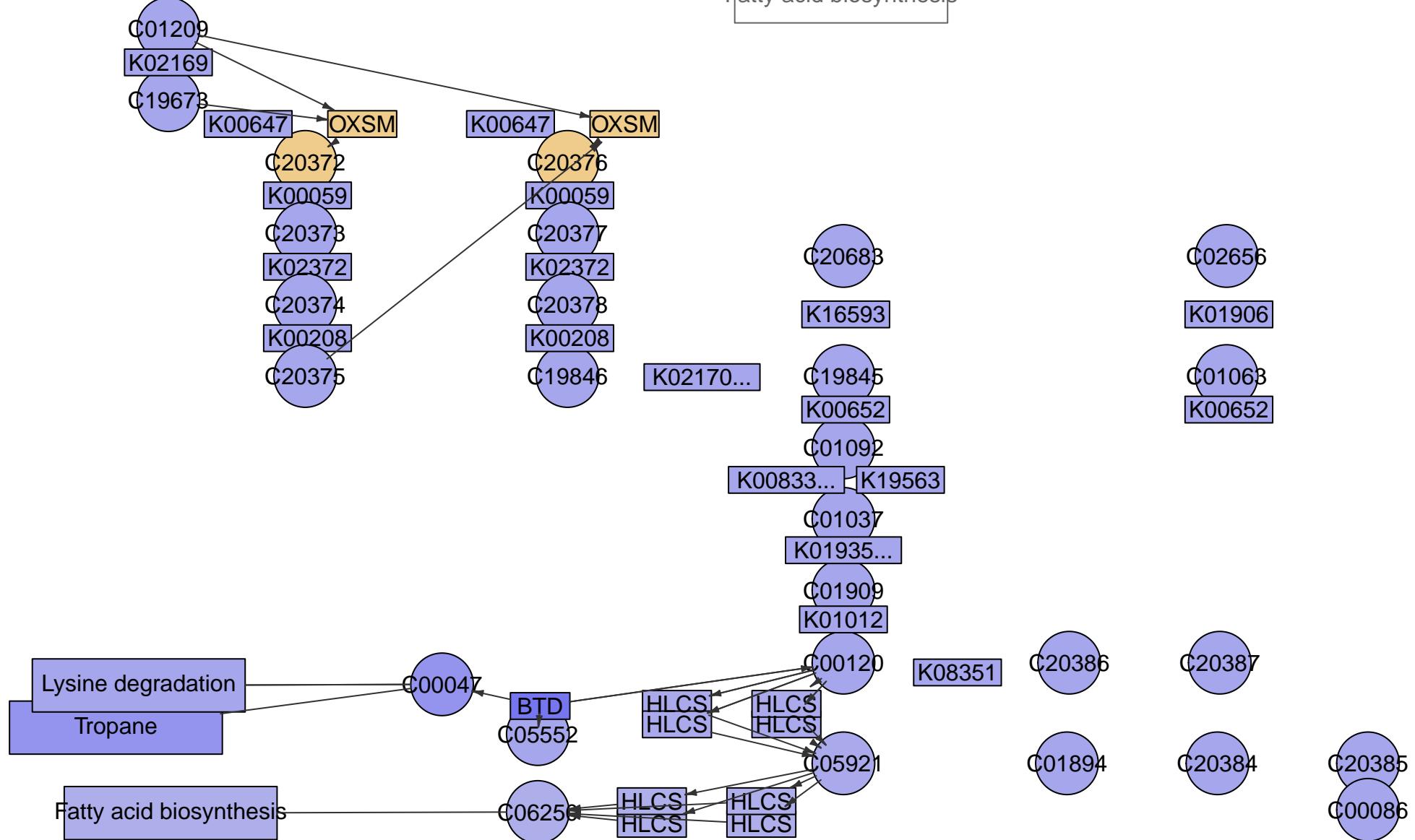
Biotin metabolism
MPI-123

Fatty acid biosynthesis



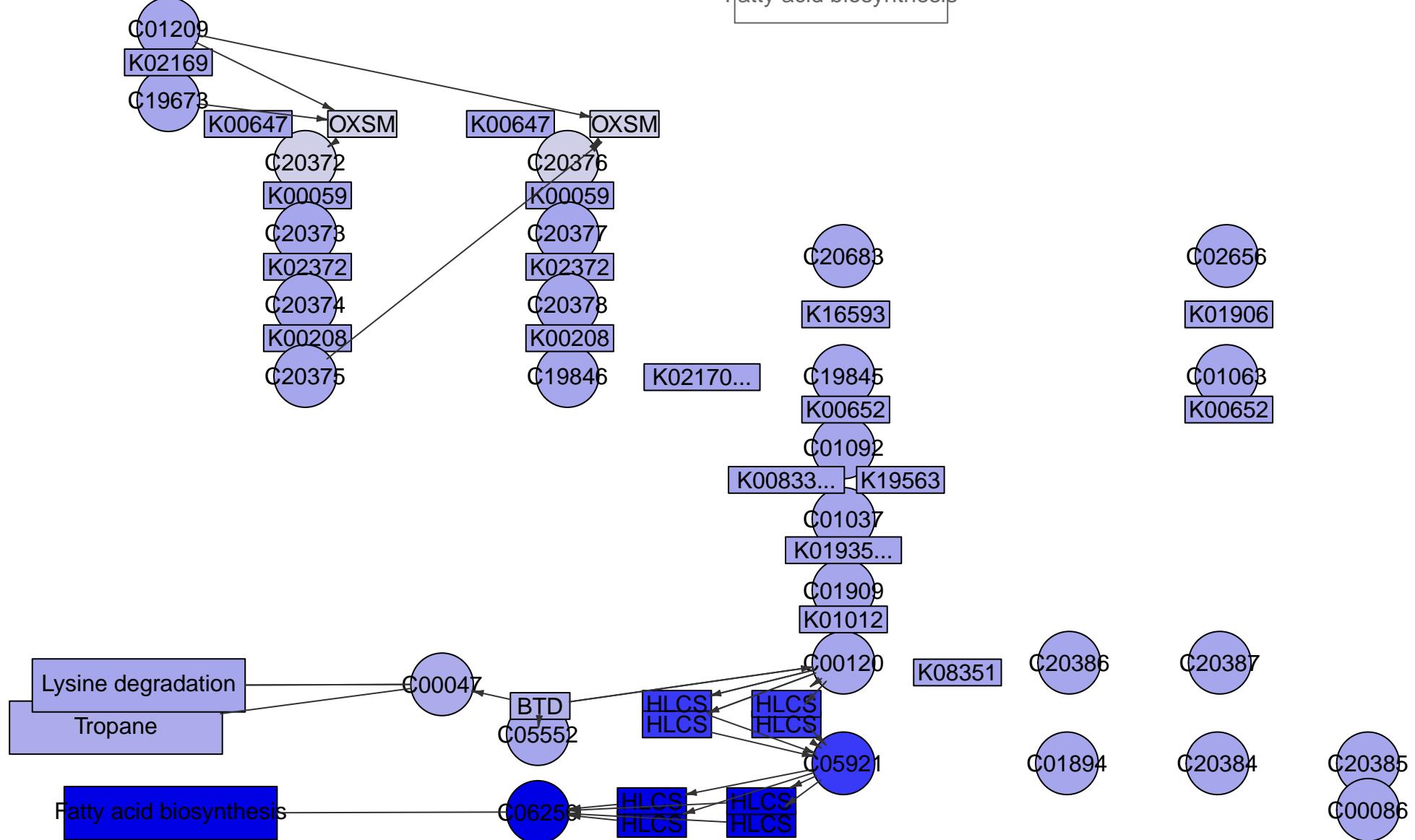
Biotin metabolism
MPI-138

Fatty acid biosynthesis



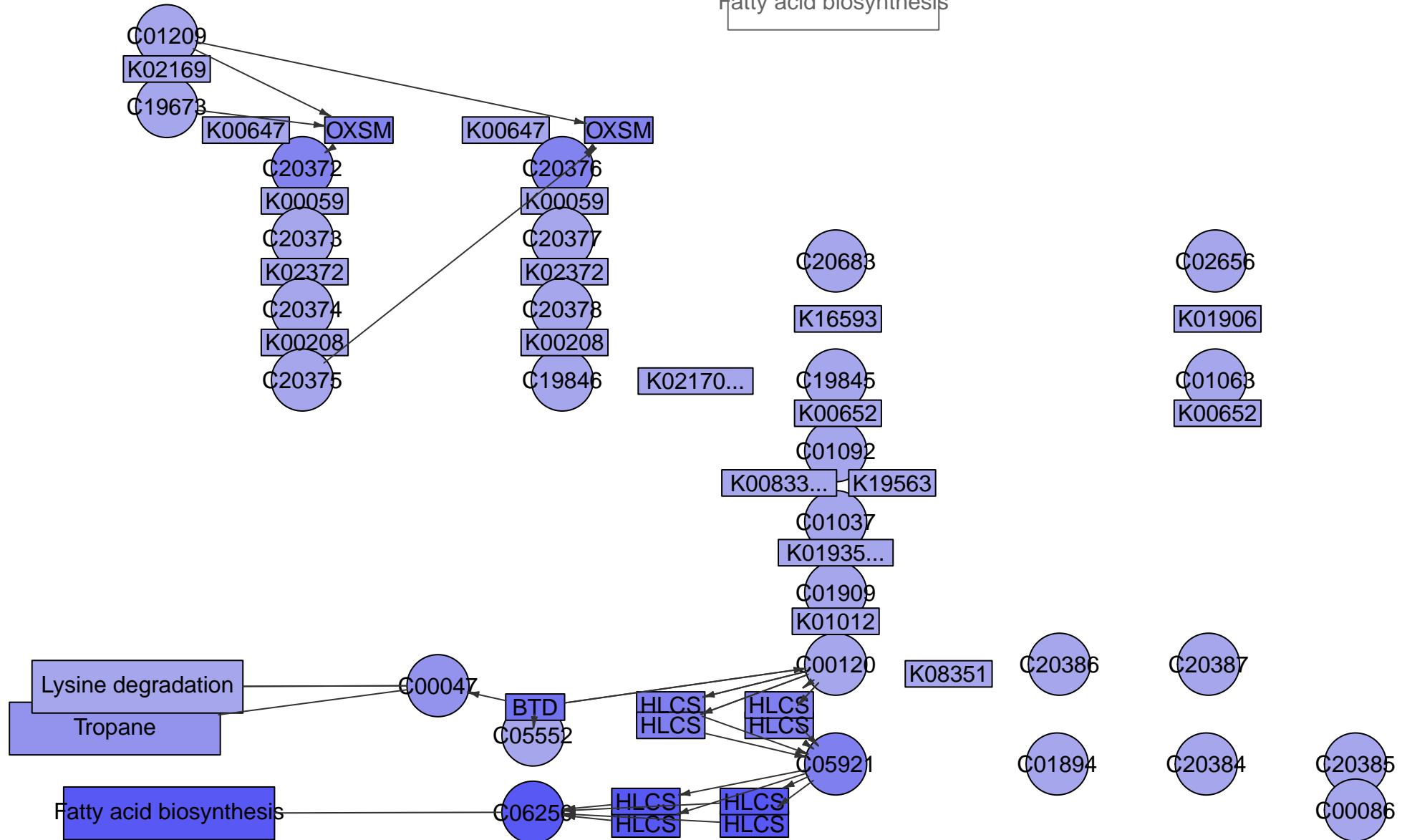
Biotin metabolism
MPI-139

Fatty acid biosynthesis



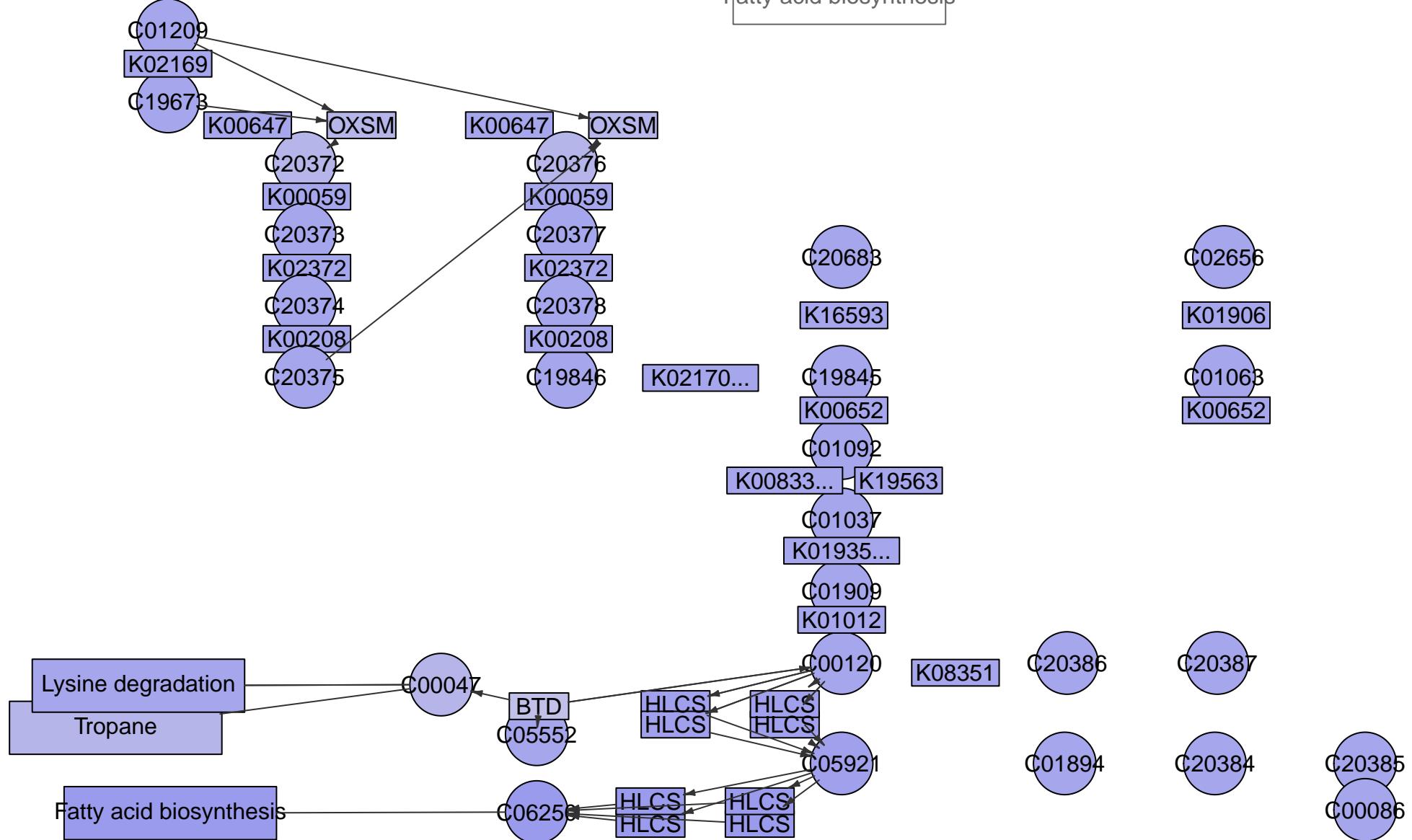
Biotin metabolism
MPI-140

Fatty acid biosynthesis



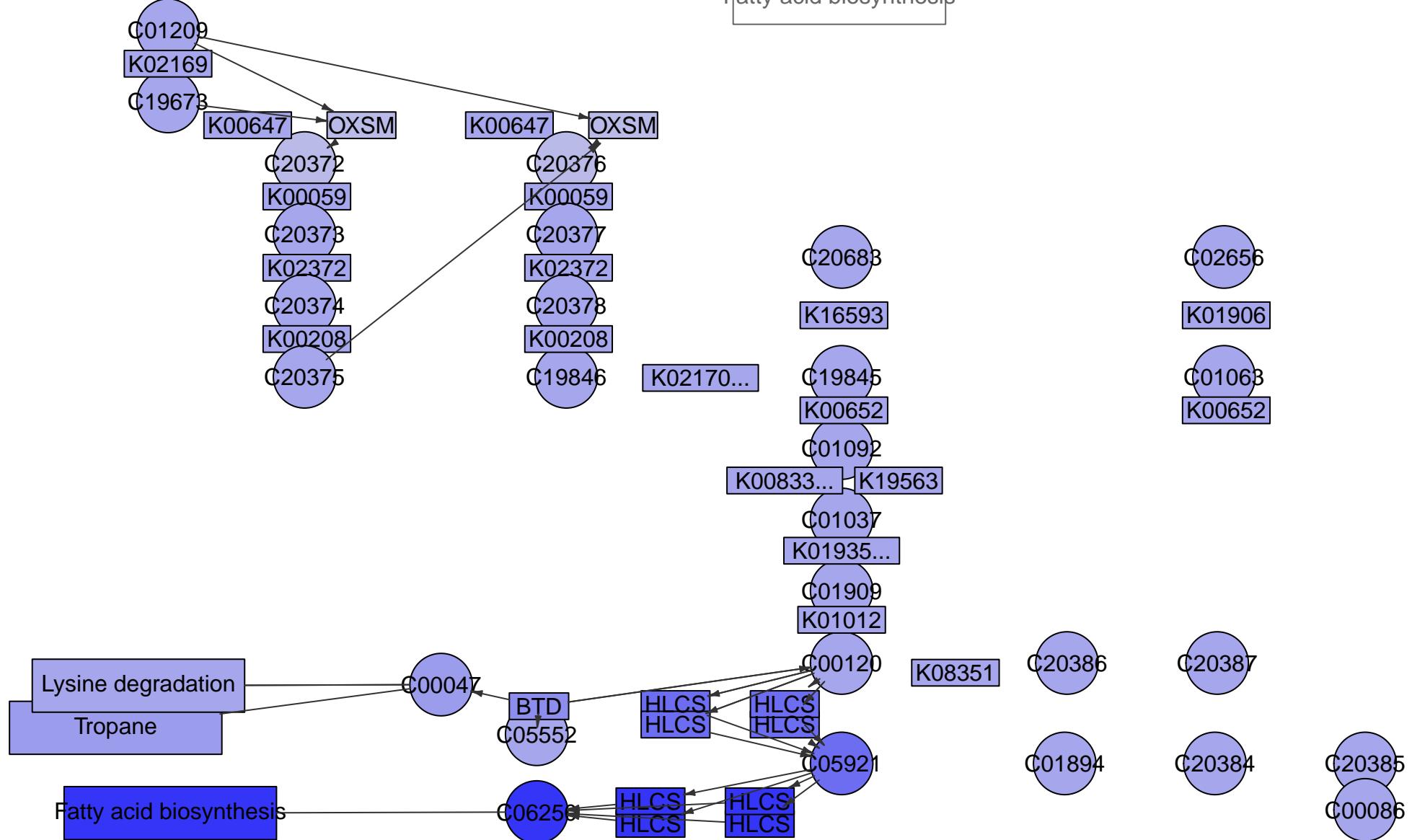
Biotin metabolism
MPI-144

Fatty acid biosynthesis



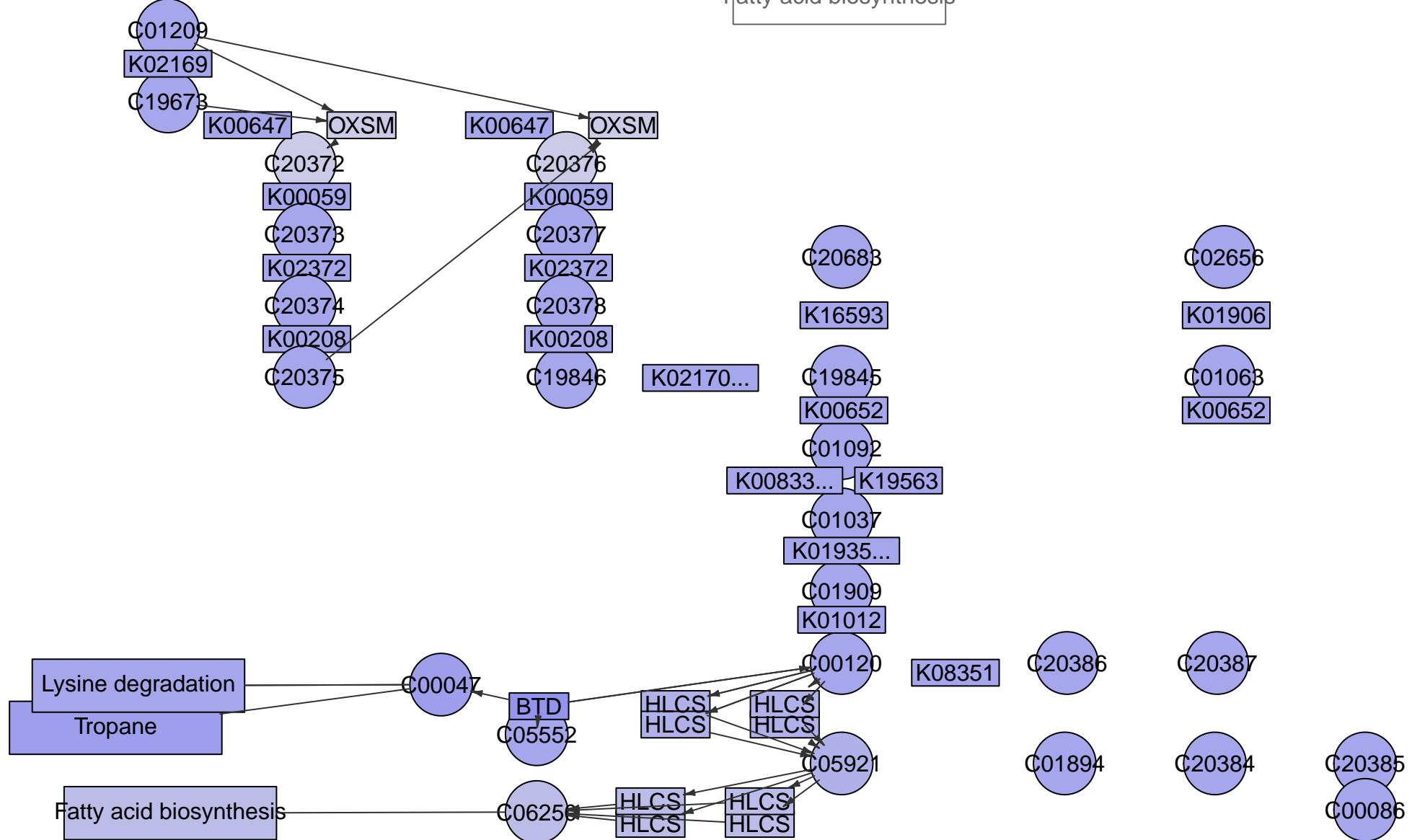
Biotin metabolism
MPI-147

Fatty acid biosynthesis



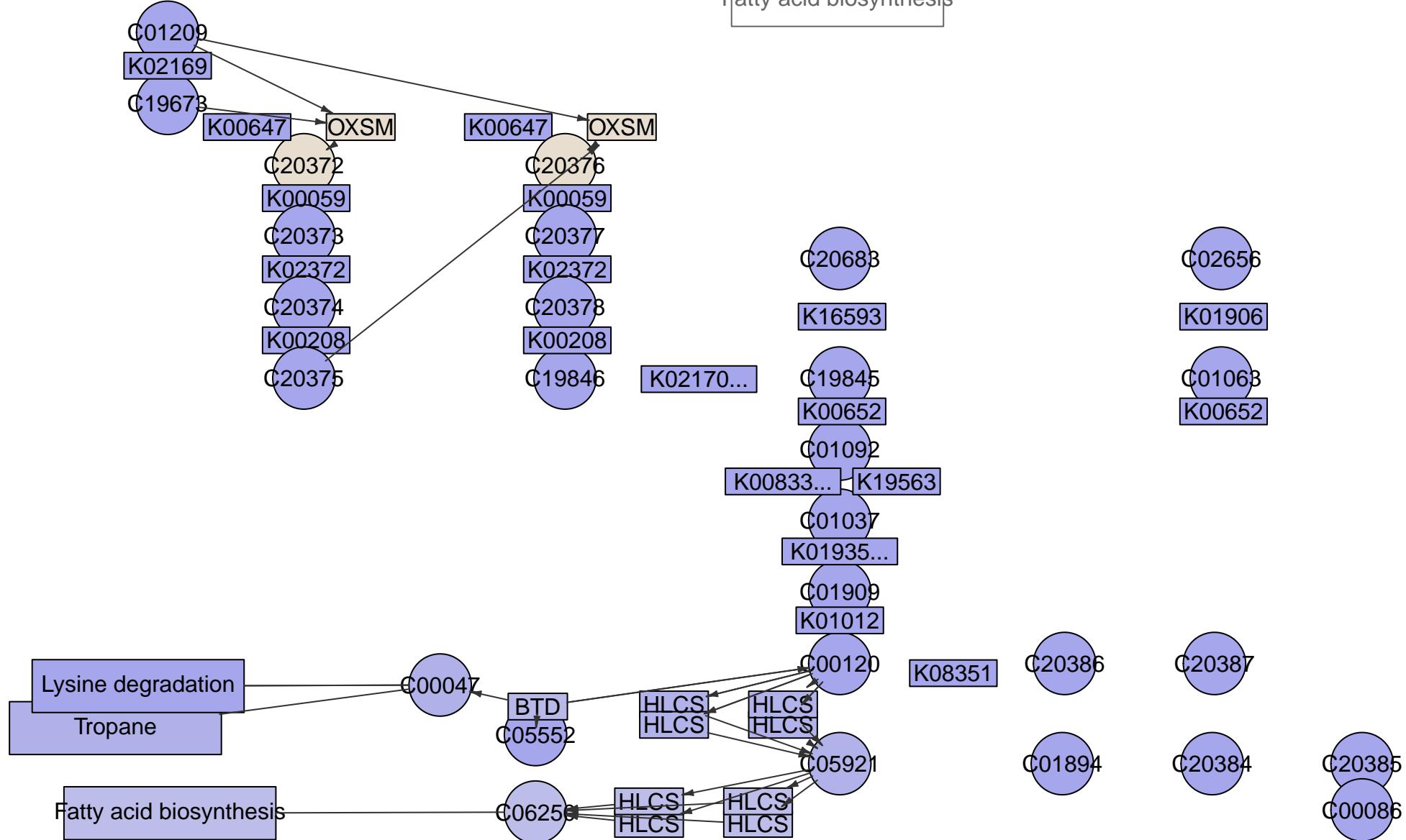
Biotin metabolism
MPI-171

Fatty acid biosynthesis



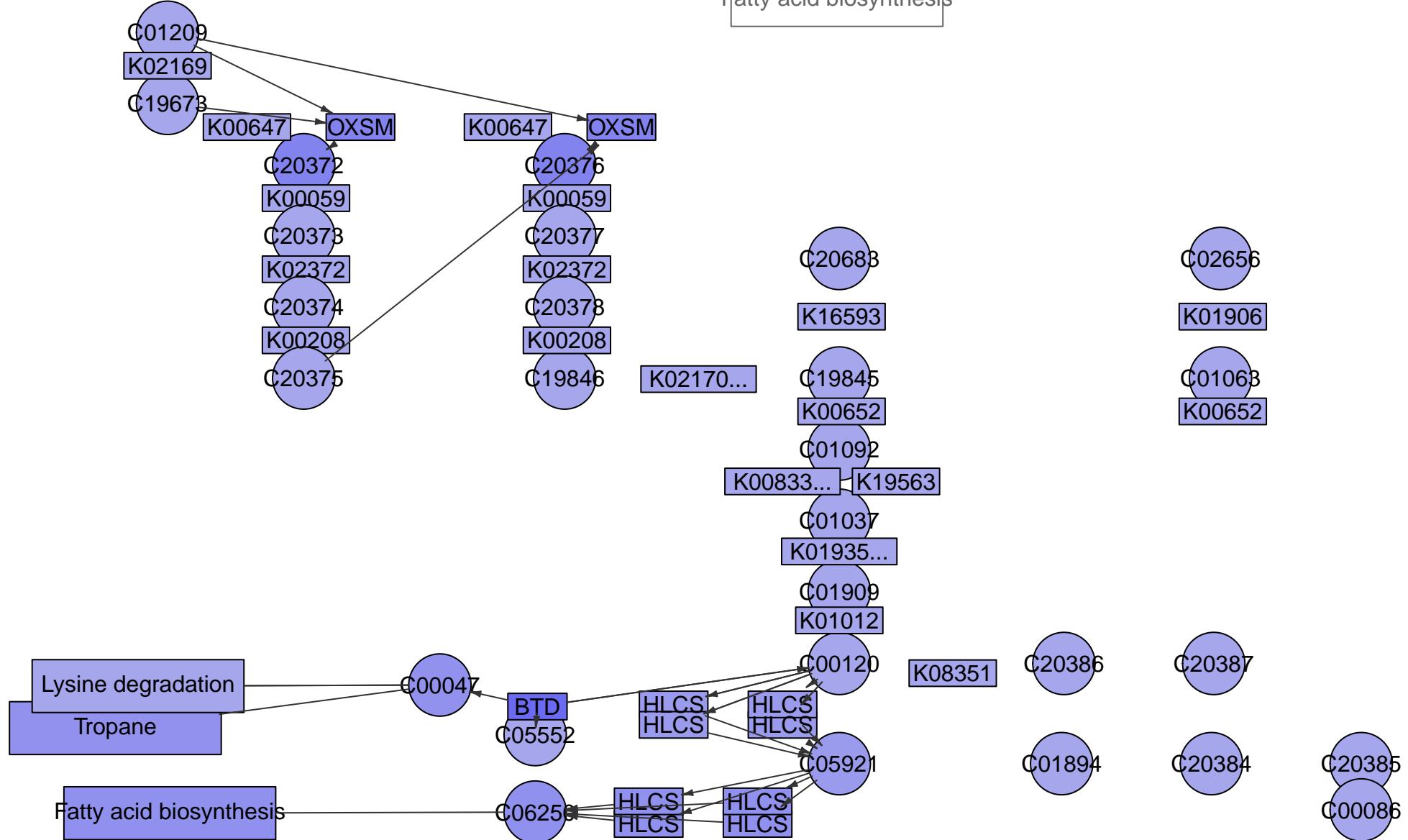
Biotin metabolism
MPI-172

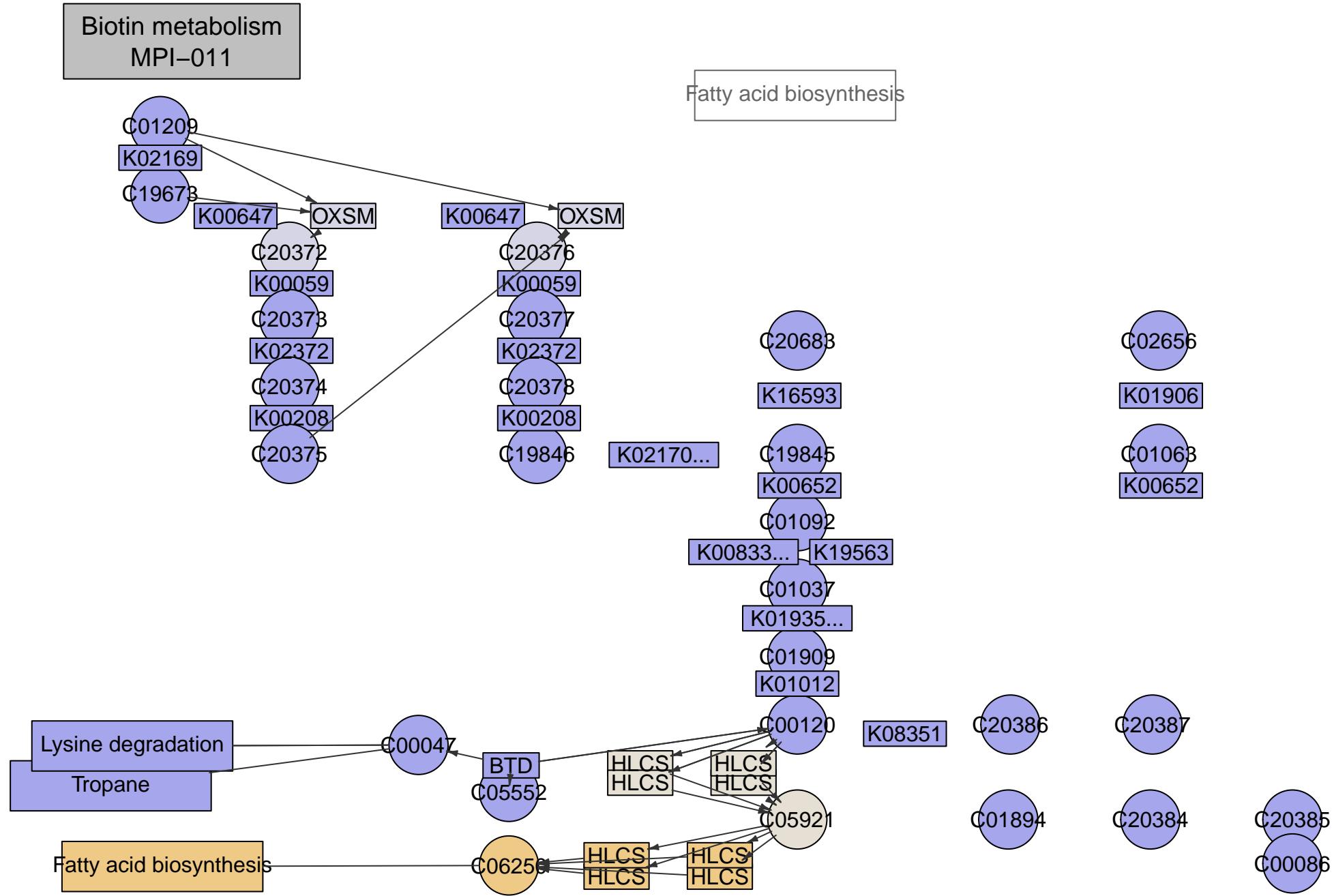
Fatty acid biosynthesis



Biotin metabolism
MPI-007

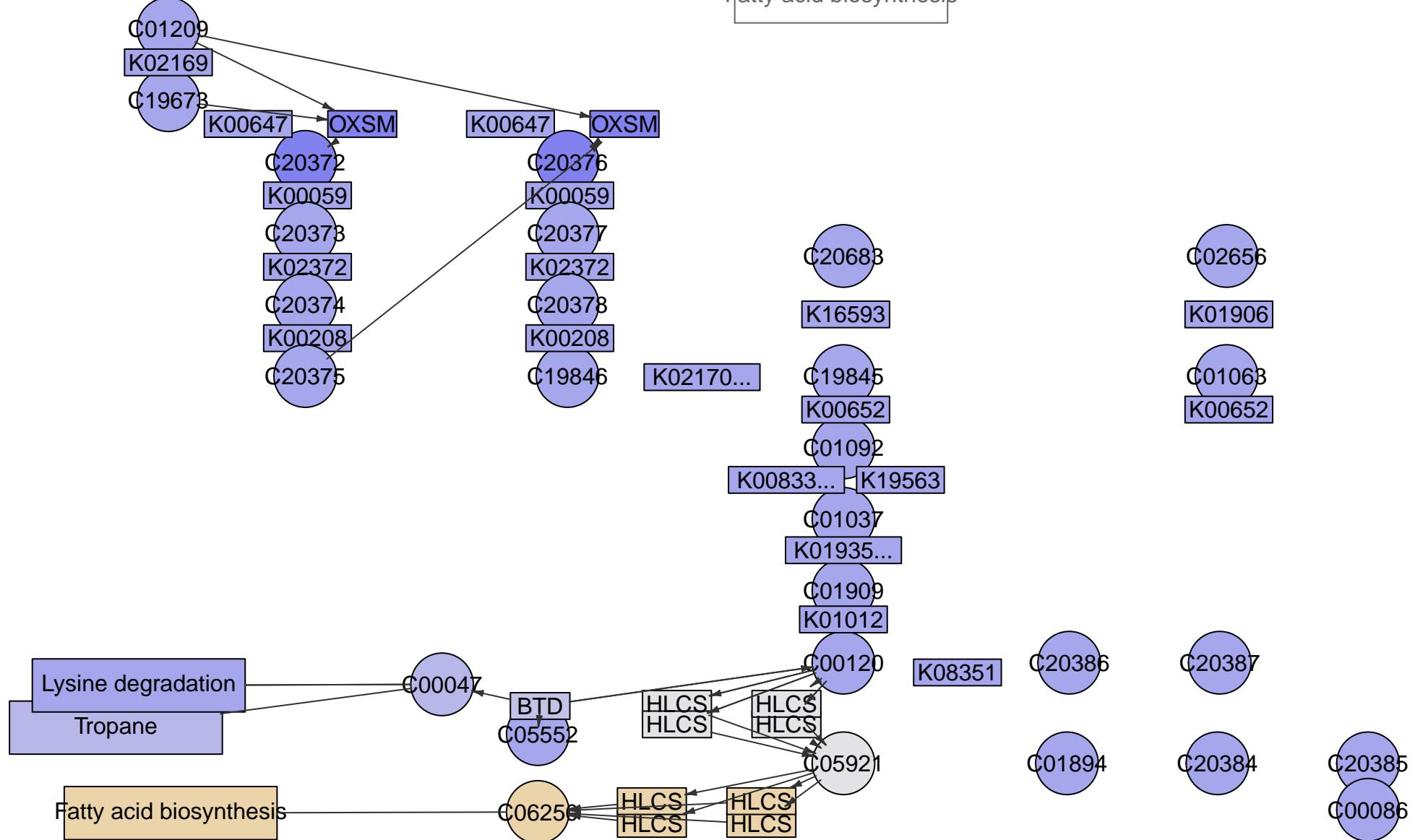
Fatty acid biosynthesis





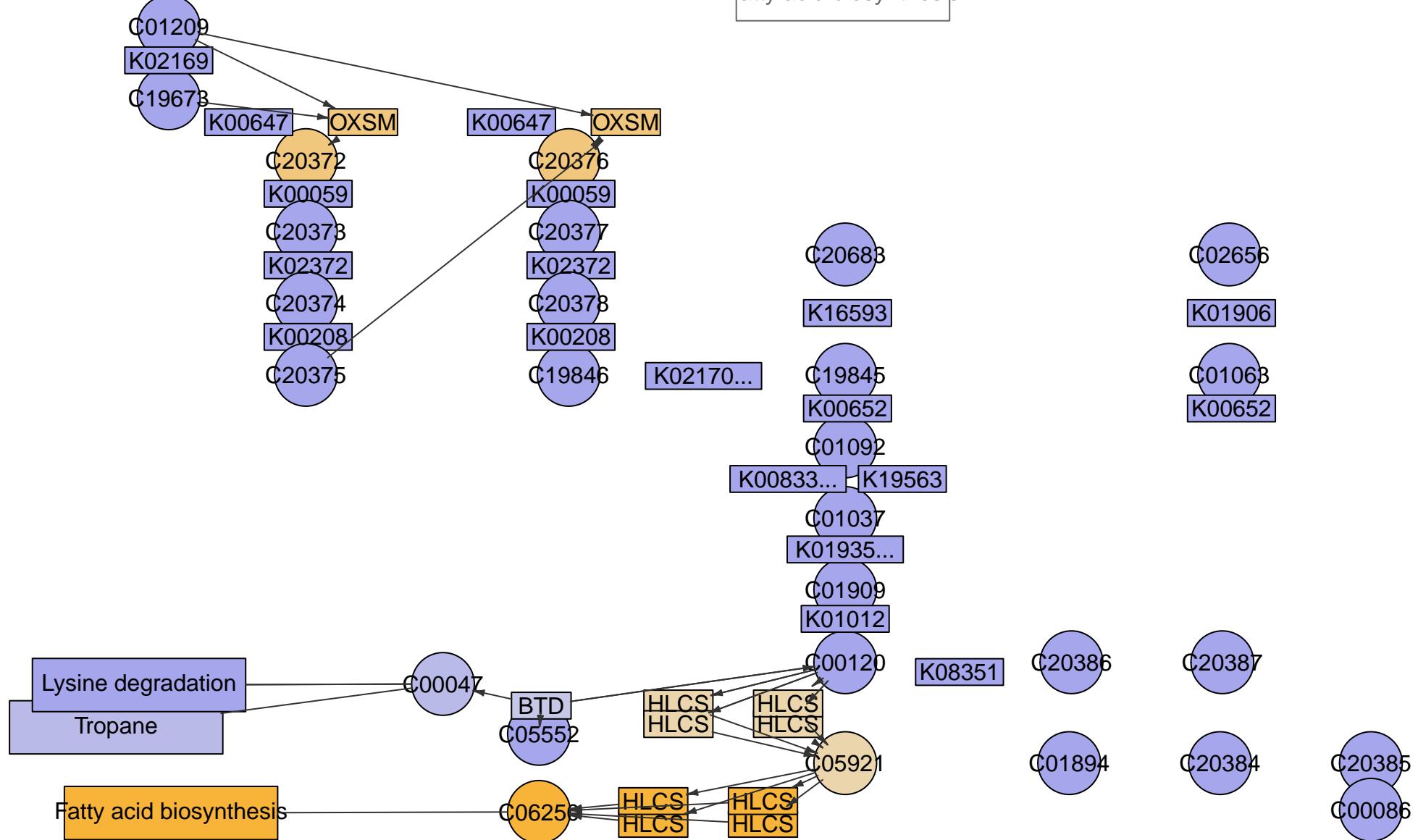
Biotin metabolism
MPI-024

Fatty acid biosynthesis



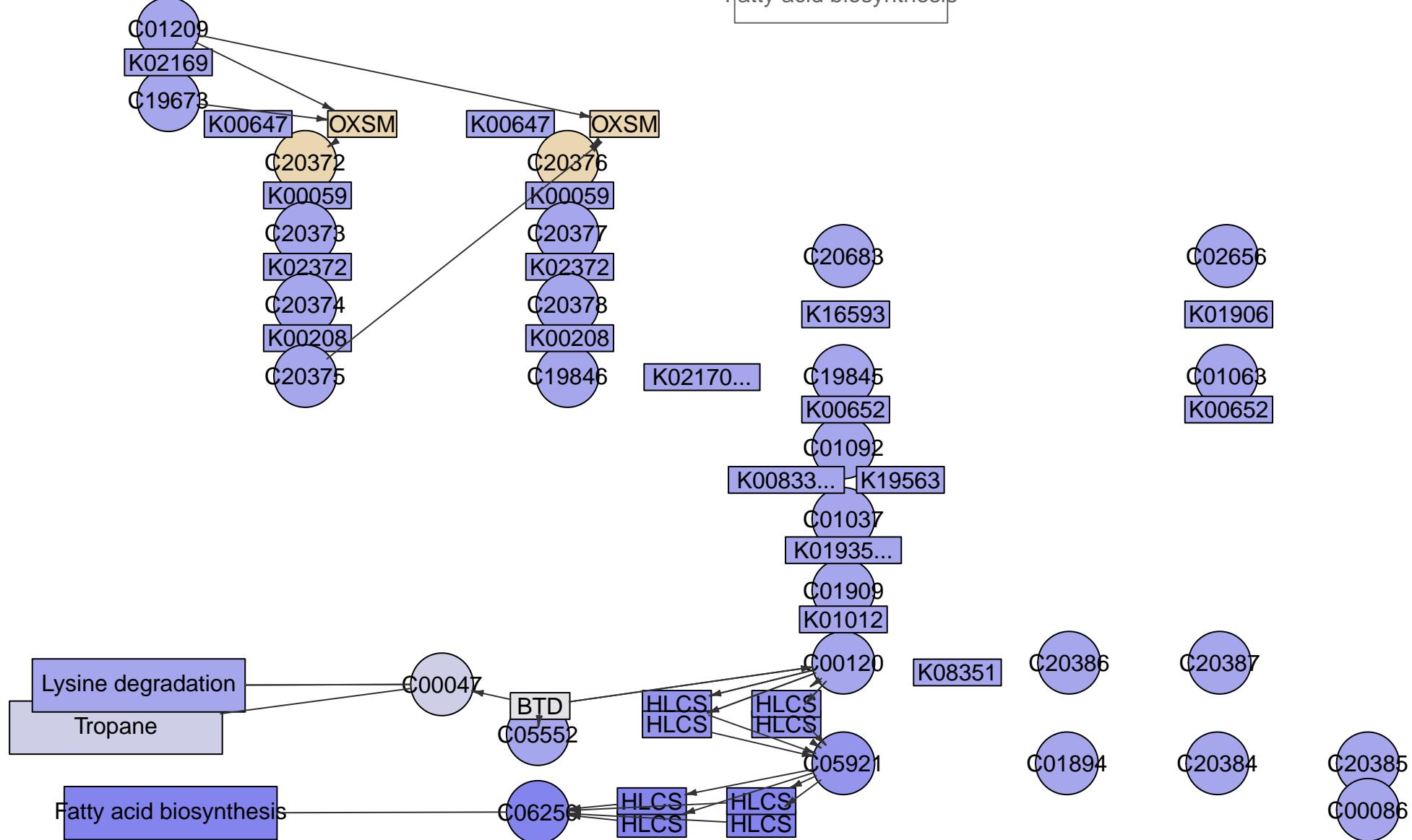
Biotin metabolism
MPI-026

Fatty acid biosynthesis



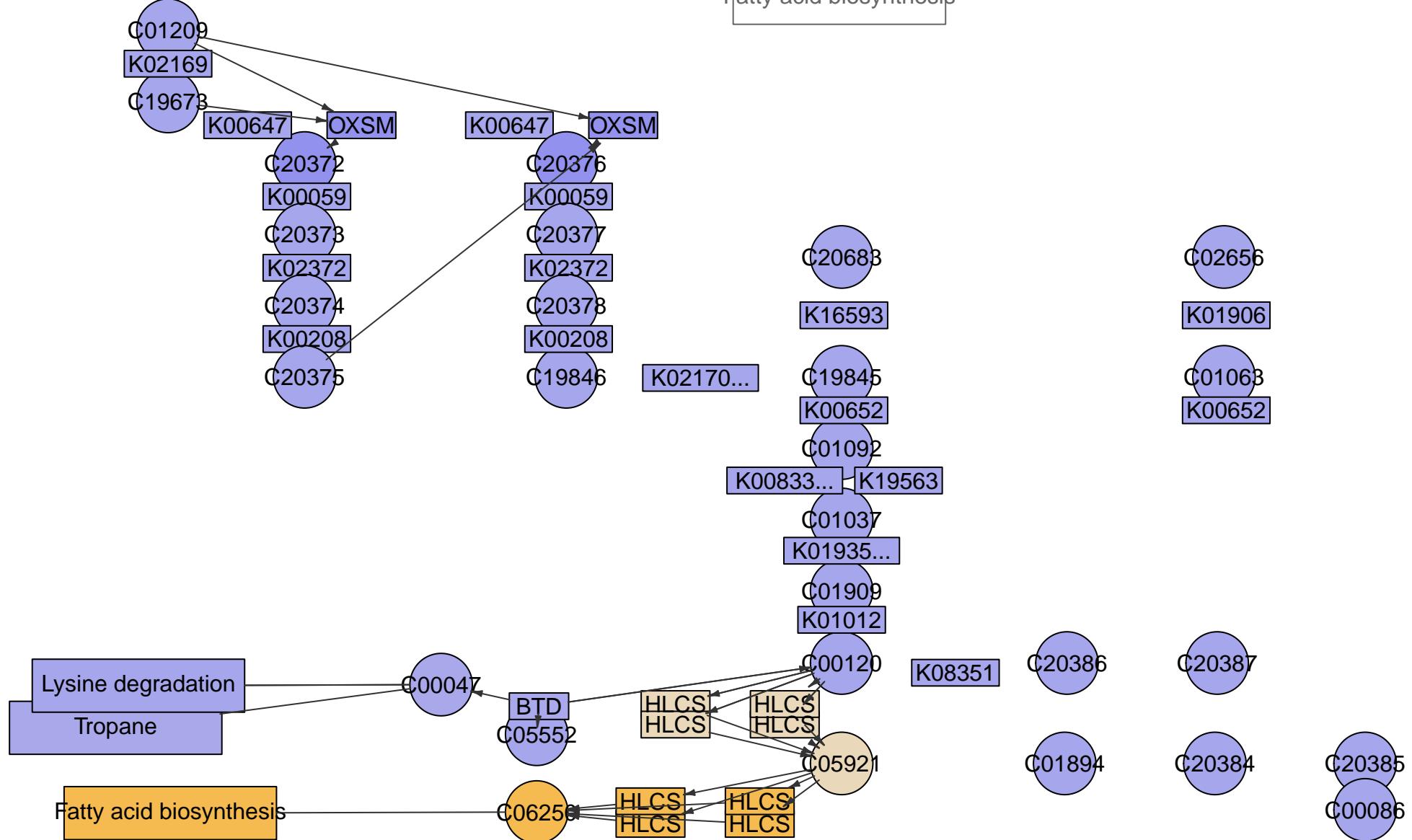
Biotin metabolism
MPI-036

Fatty acid biosynthesis



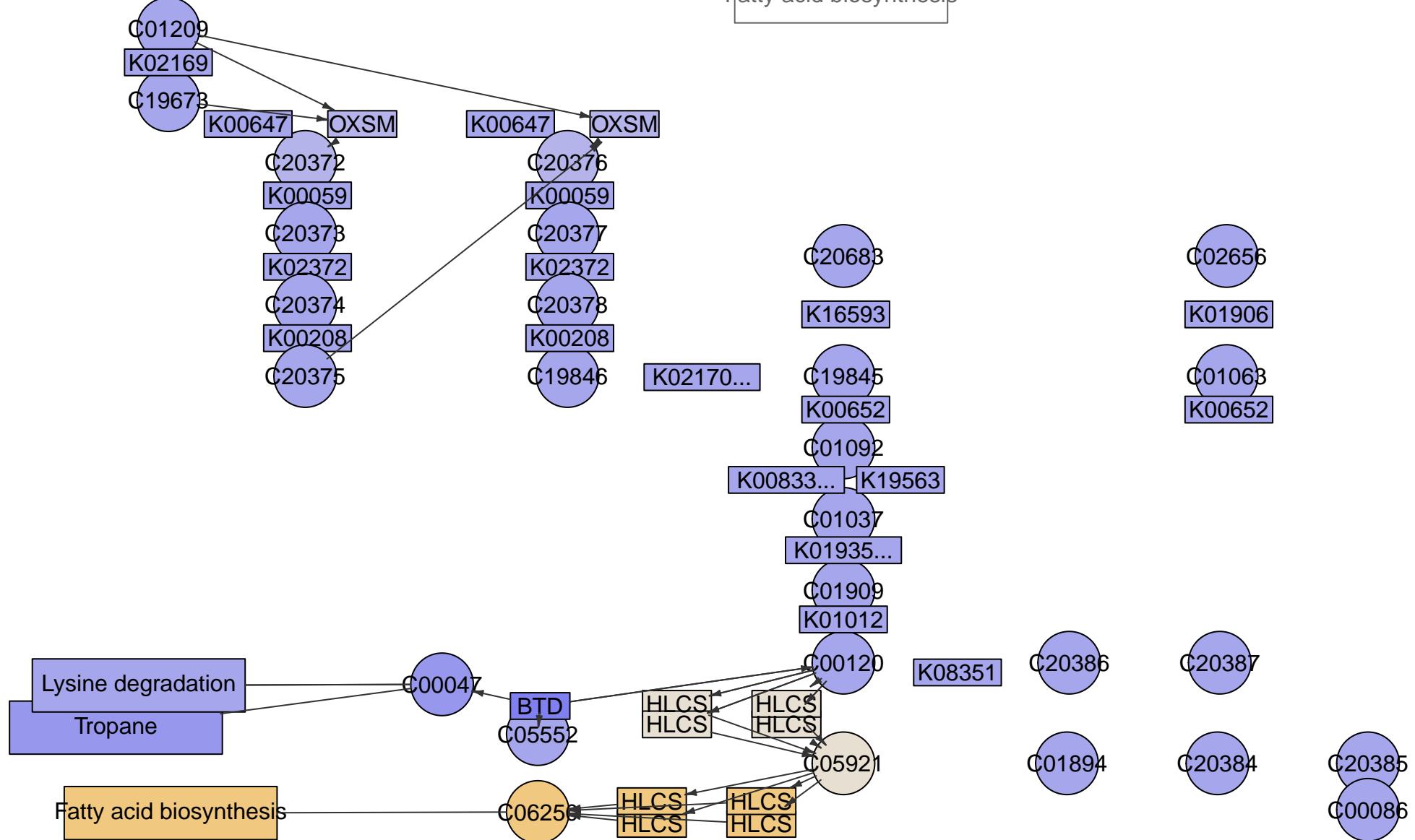
Biotin metabolism
MPI-037

Fatty acid biosynthesis



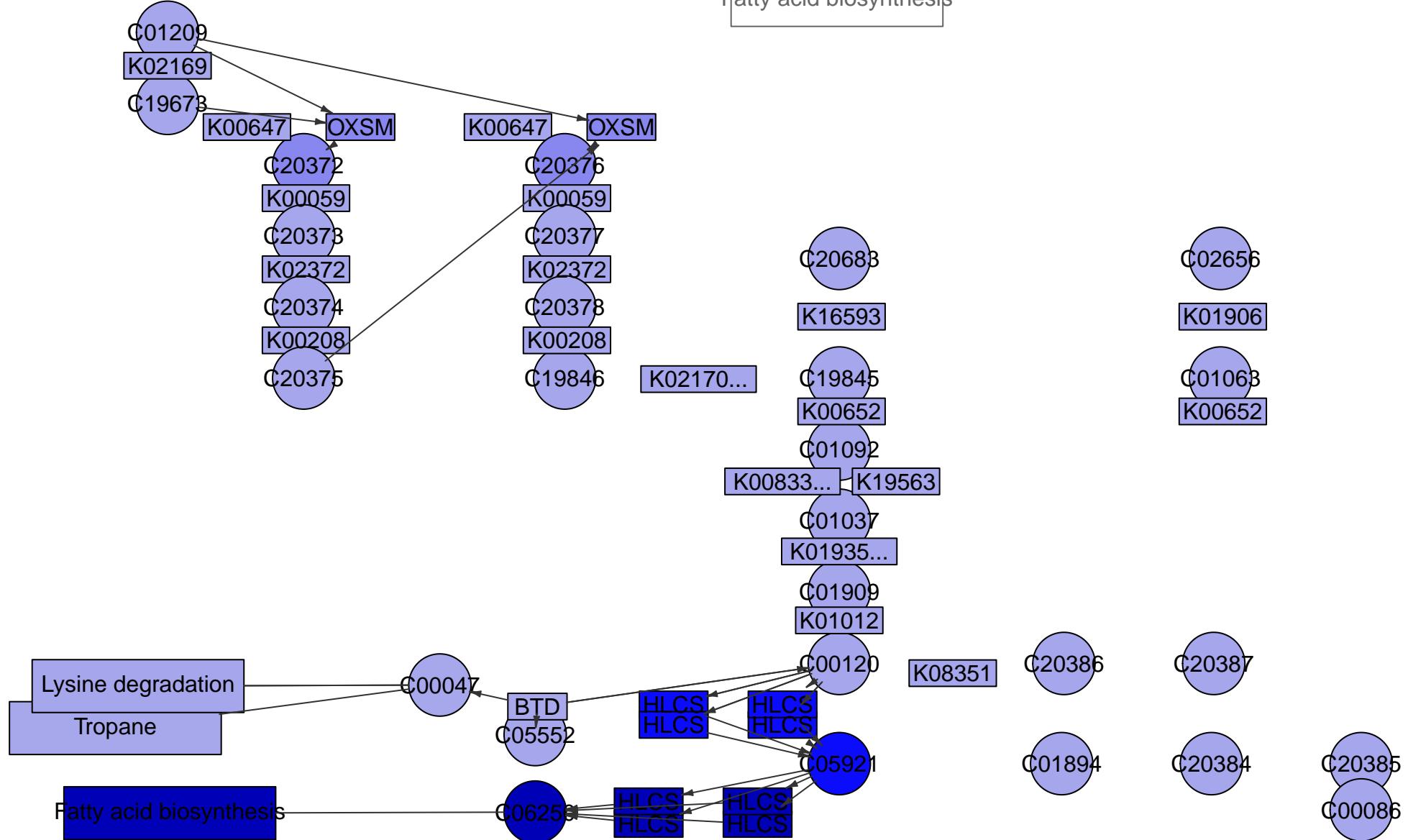
Biotin metabolism
MPI-038

Fatty acid biosynthesis



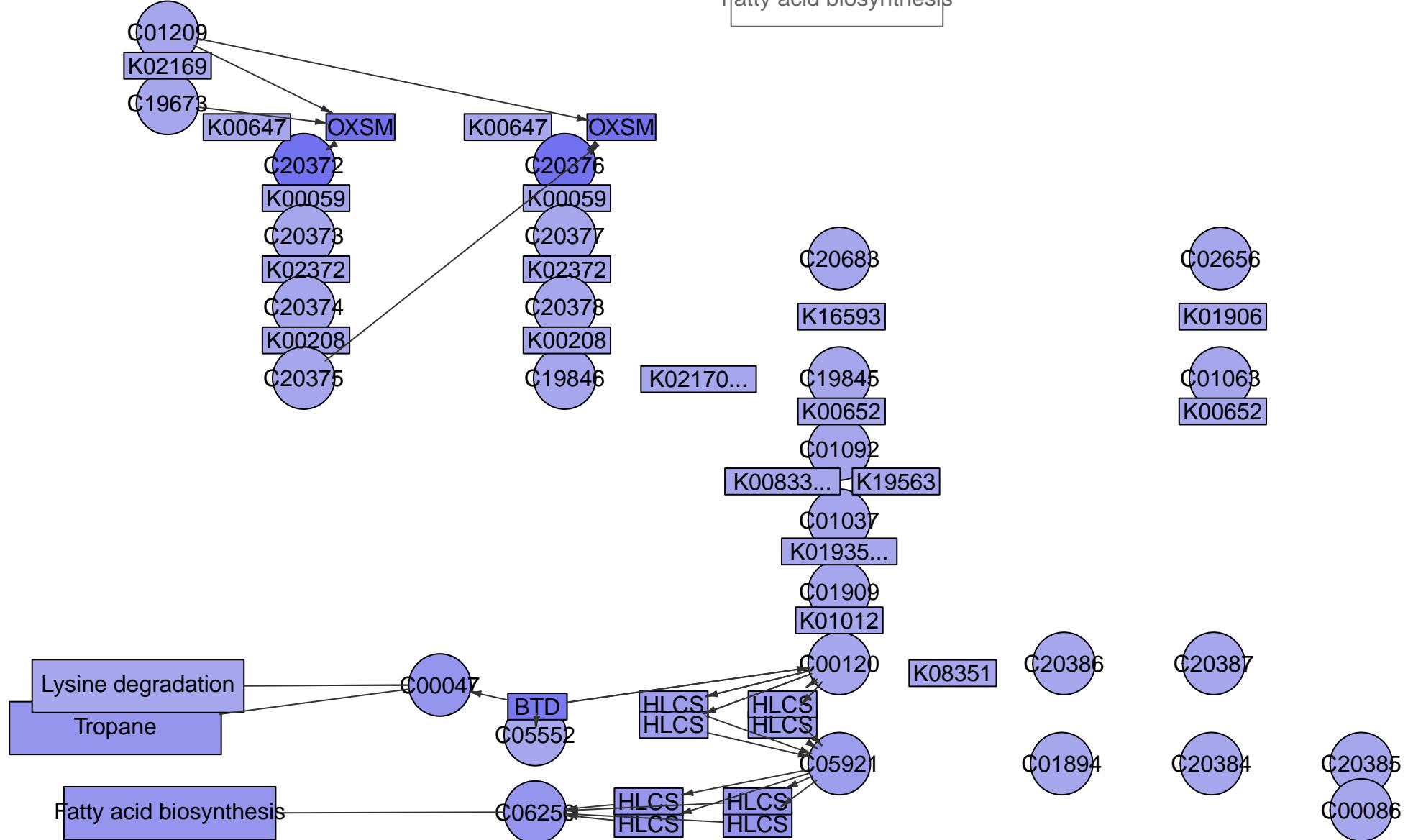
Biotin metabolism
MPI-041

Fatty acid biosynthesis



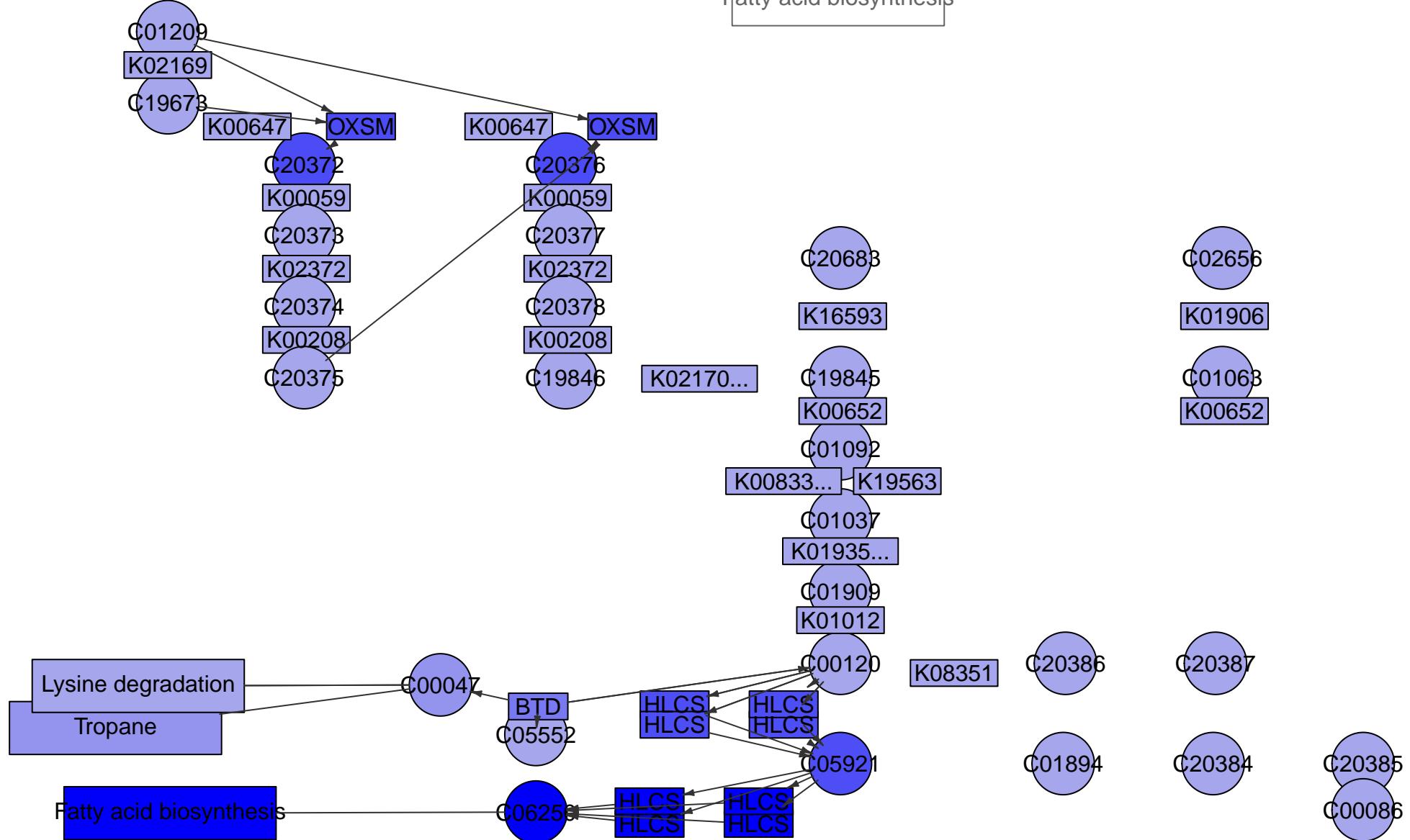
Biotin metabolism
MPI-046

Fatty acid biosynthesis



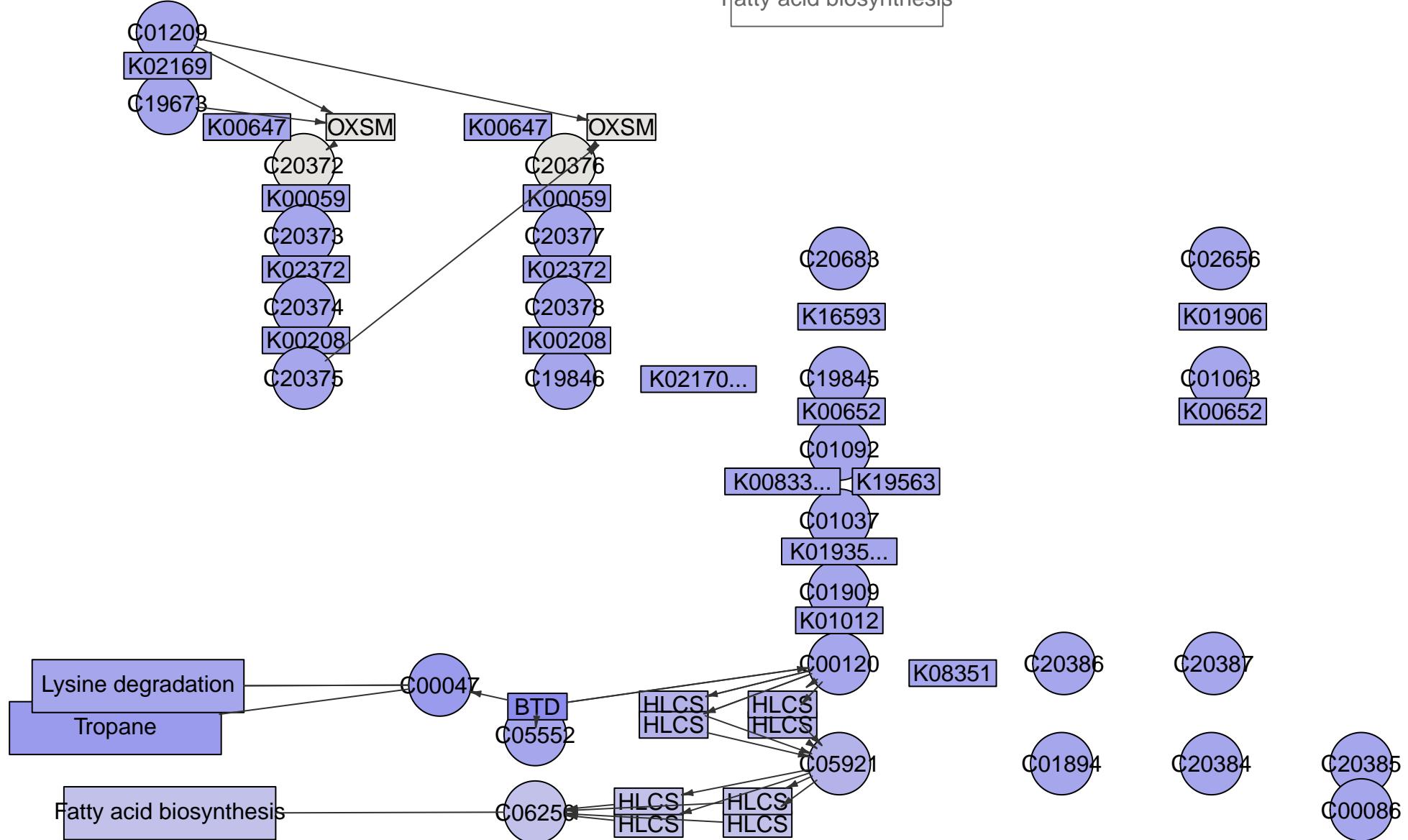
Biotin metabolism
MPI-050

Fatty acid biosynthesis



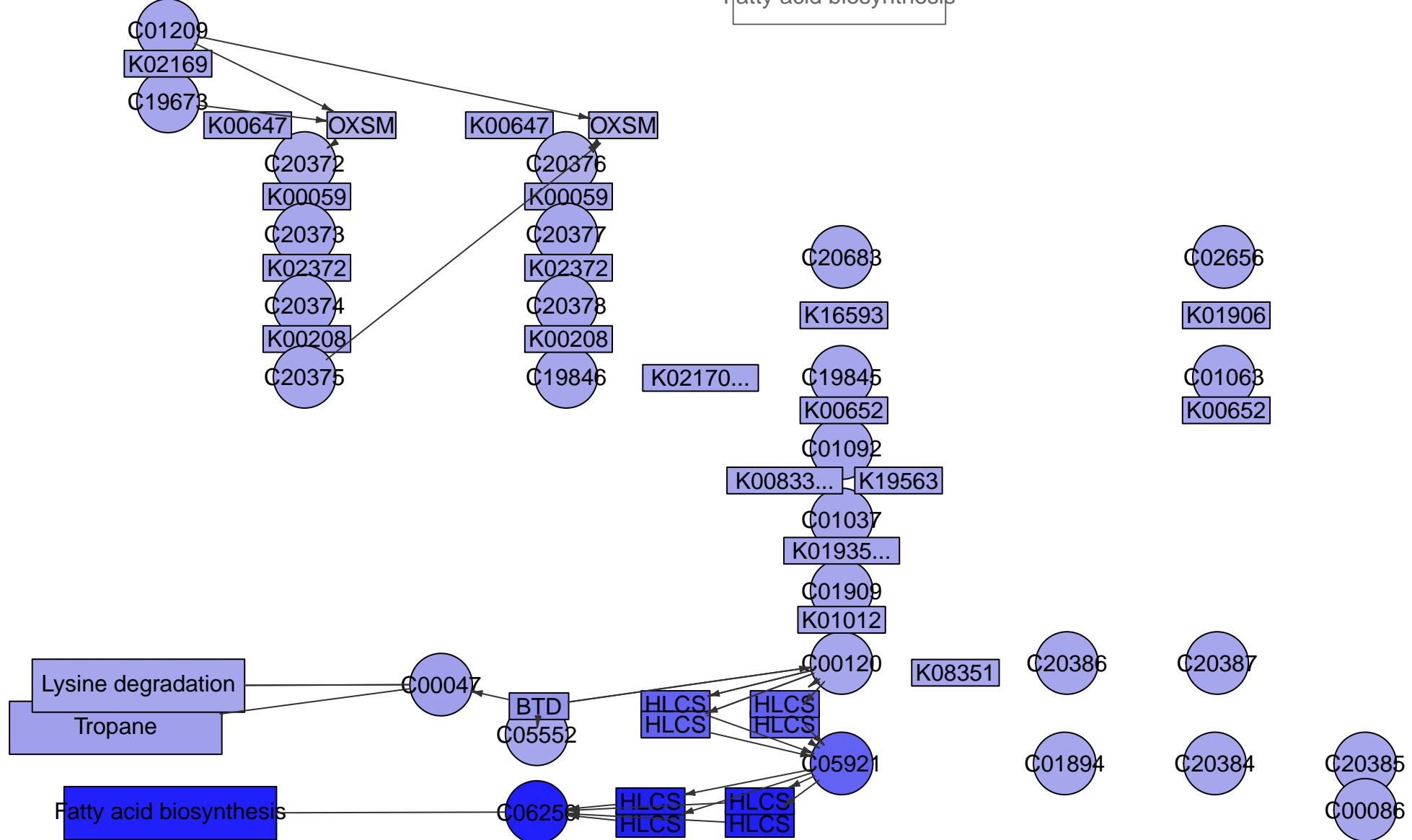
Biotin metabolism
MPI-051

Fatty acid biosynthesis



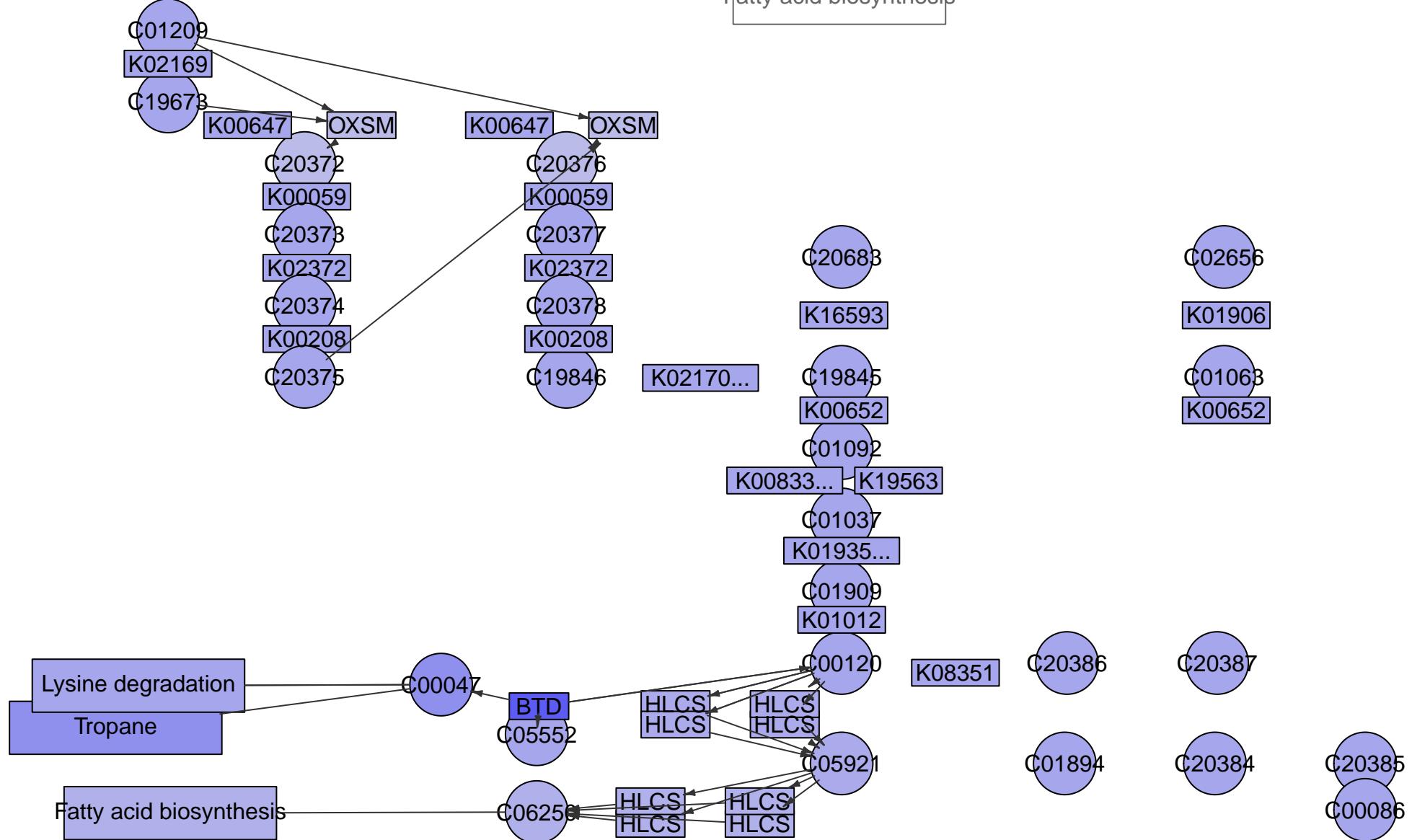
Biotin metabolism
MPI-054

Fatty acid biosynthesis



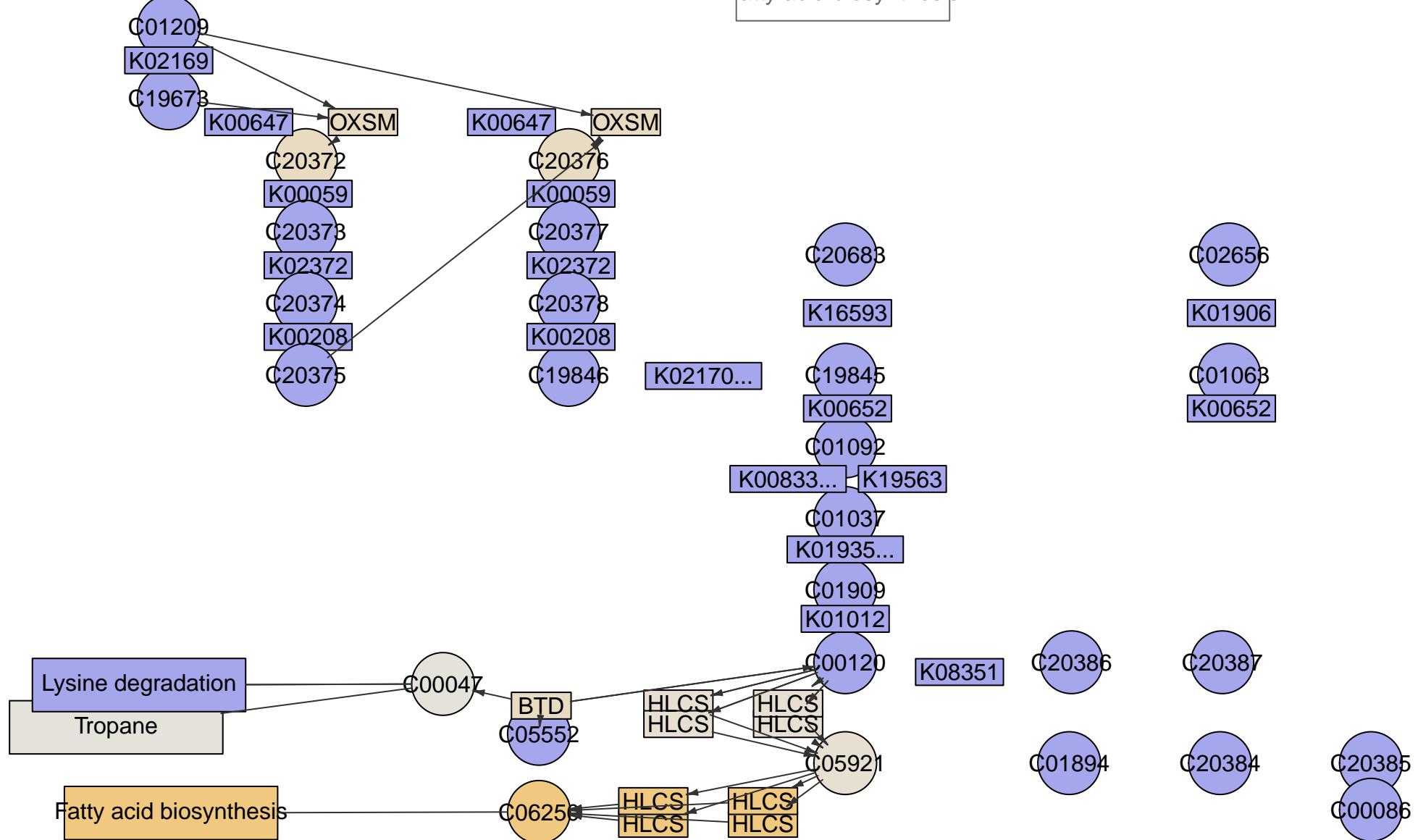
Biotin metabolism
MPI-059

Fatty acid biosynthesis



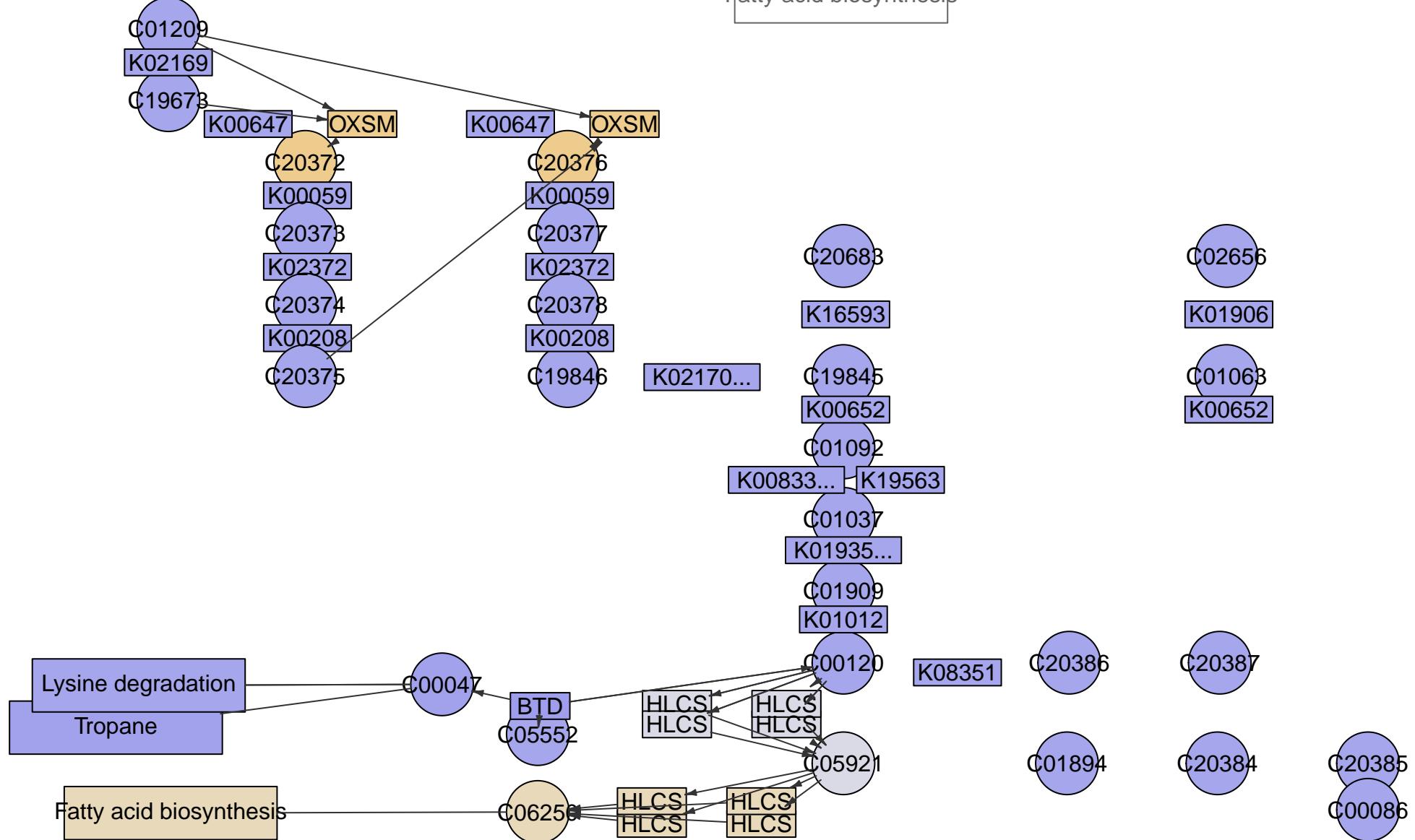
Biotin metabolism
MPI-060

Fatty acid biosynthesis



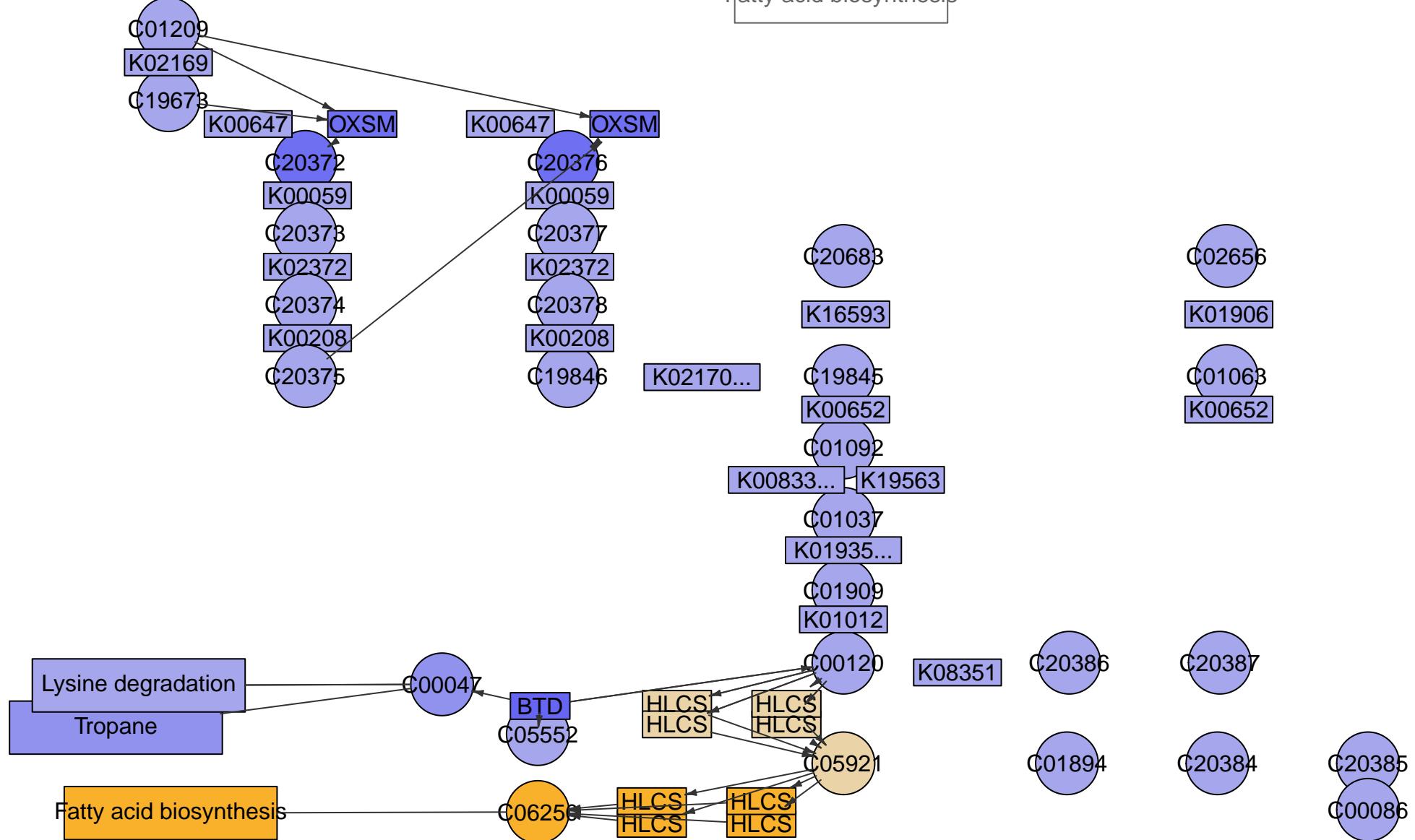
Biotin metabolism
MPI-061

Fatty acid biosynthesis



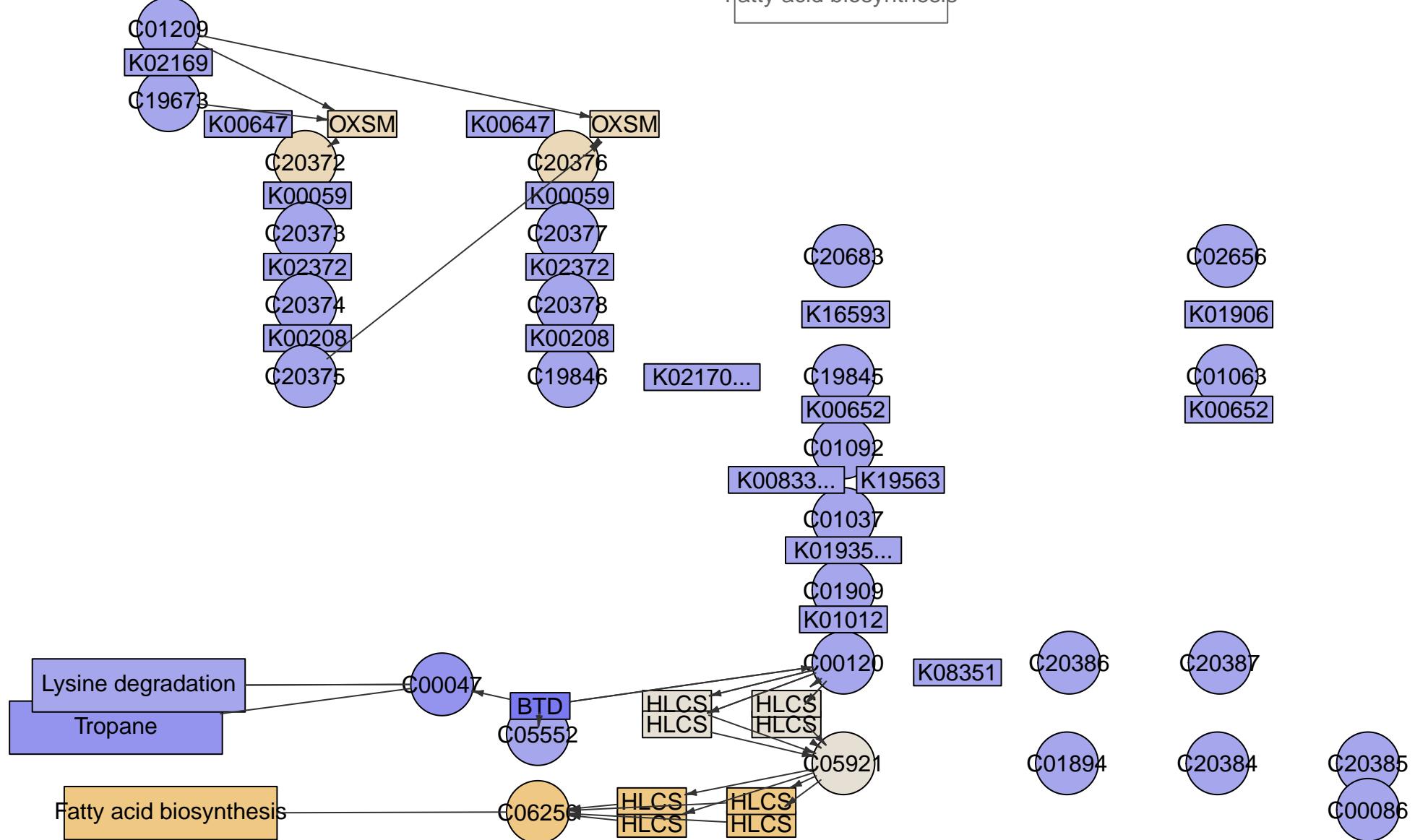
Biotin metabolism
MPI-064

Fatty acid biosynthesis



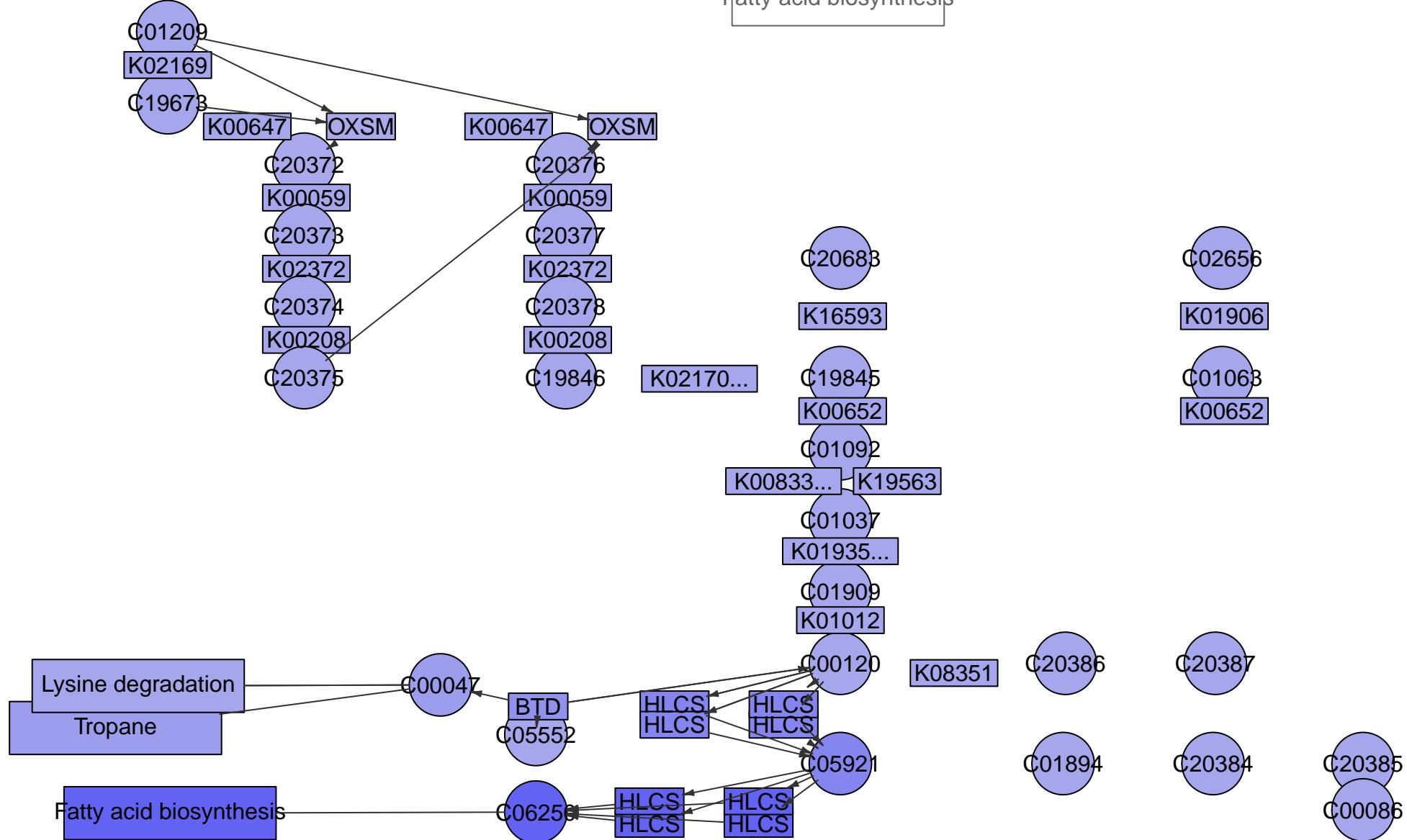
Biotin metabolism
MPI-070

Fatty acid biosynthesis



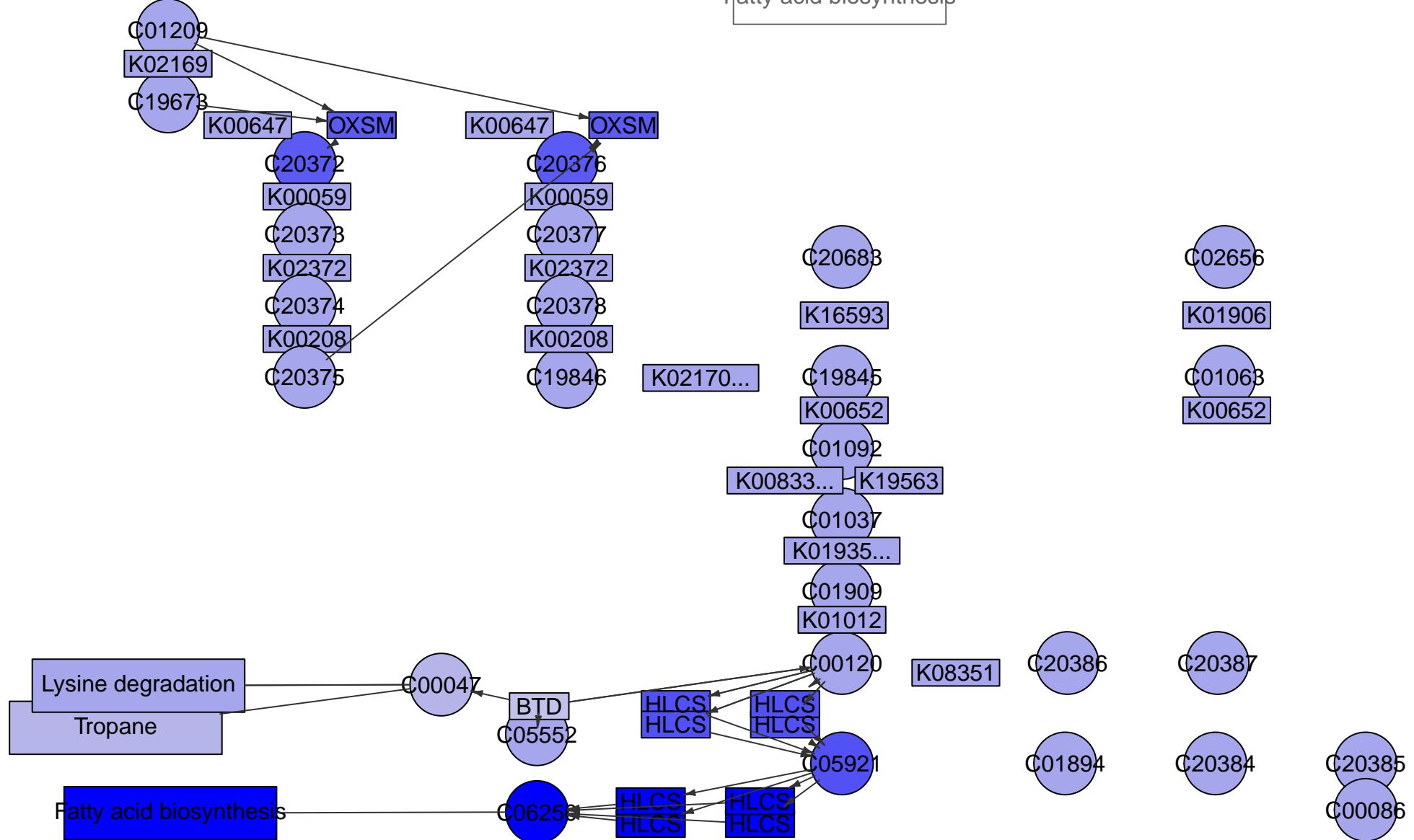
Biotin metabolism
MPI-072

Fatty acid biosynthesis



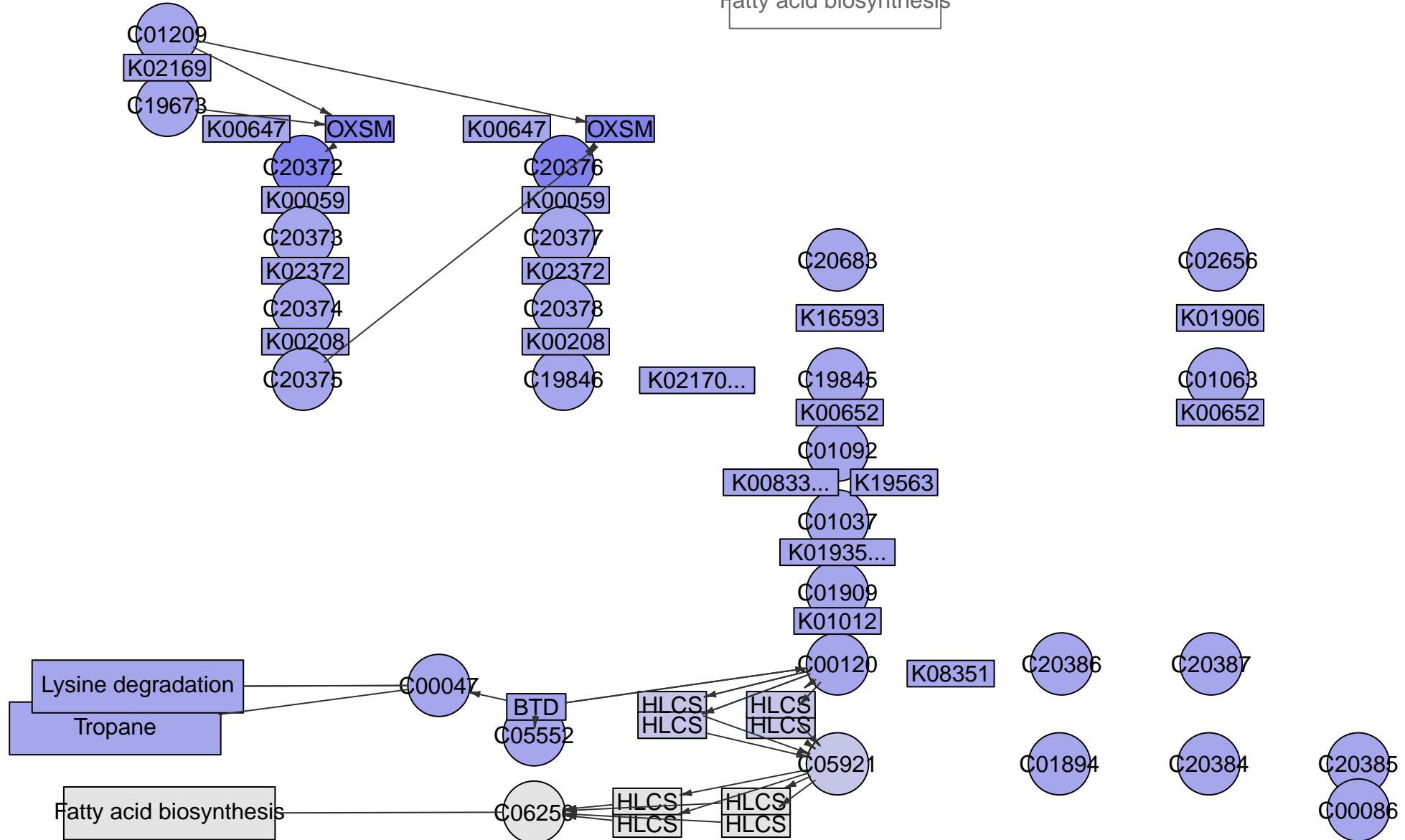
Biotin metabolism
MPI-093

Fatty acid biosynthesis



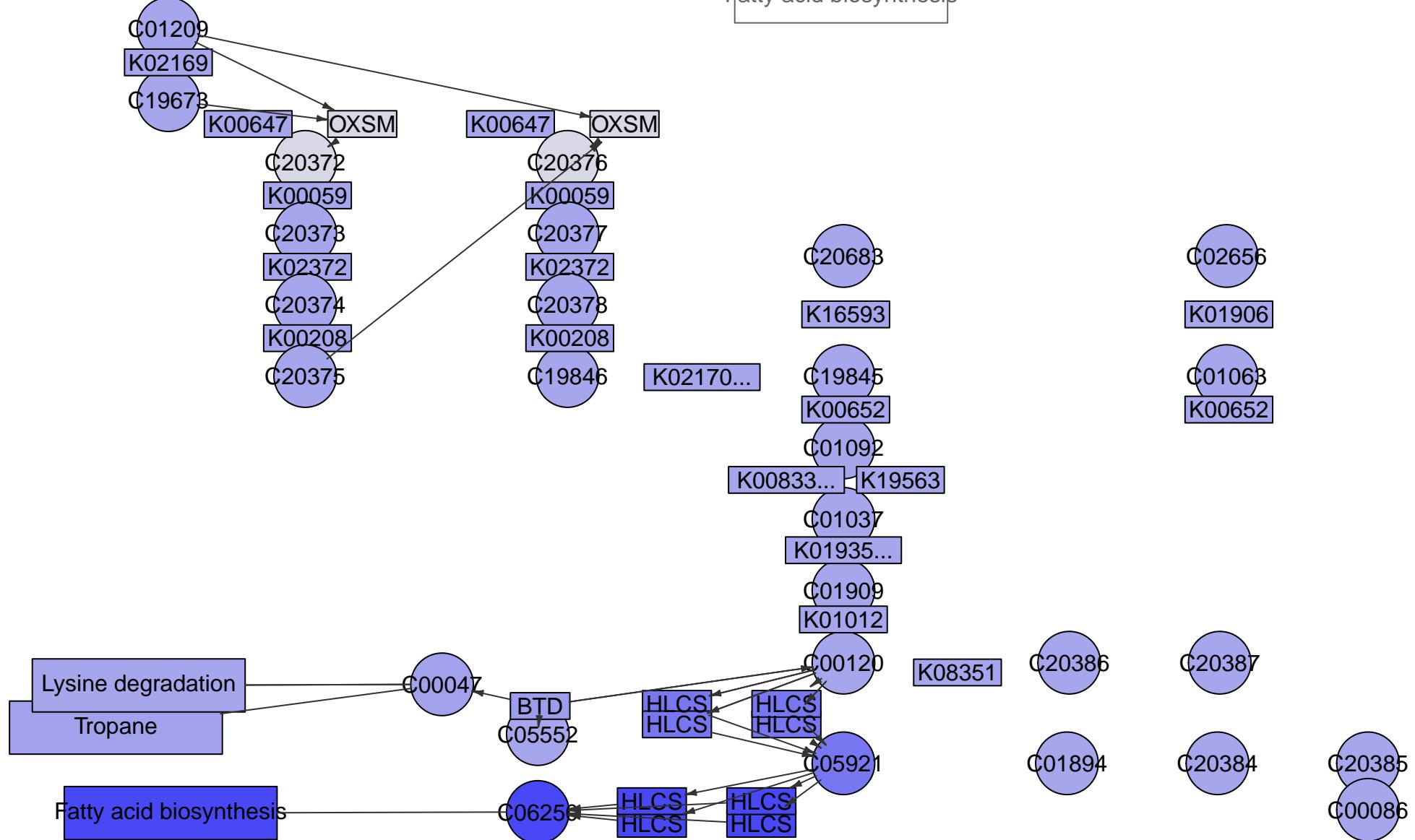
Biotin metabolism
MPI-094

Fatty acid biosynthesis



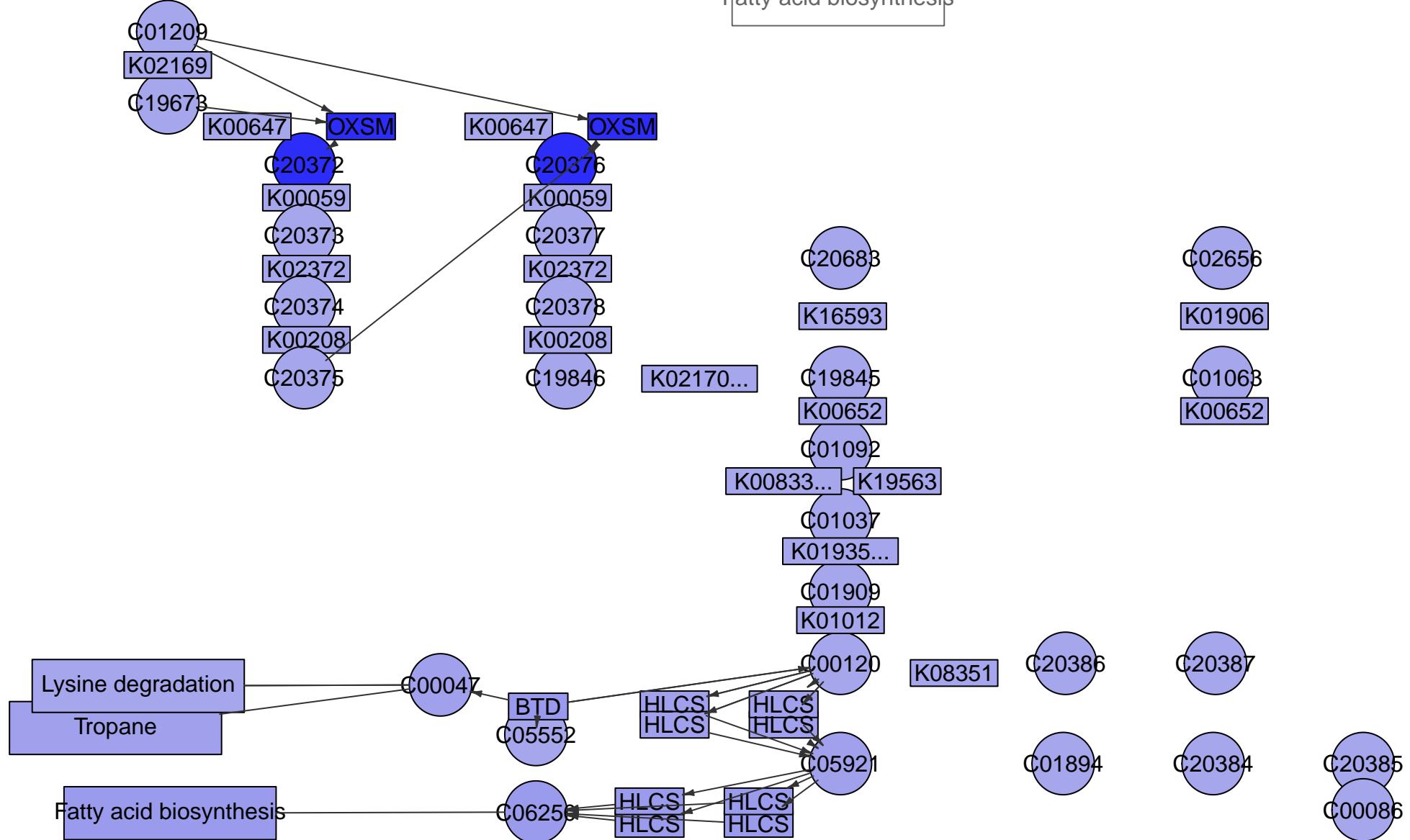
Biotin metabolism
MPI-099

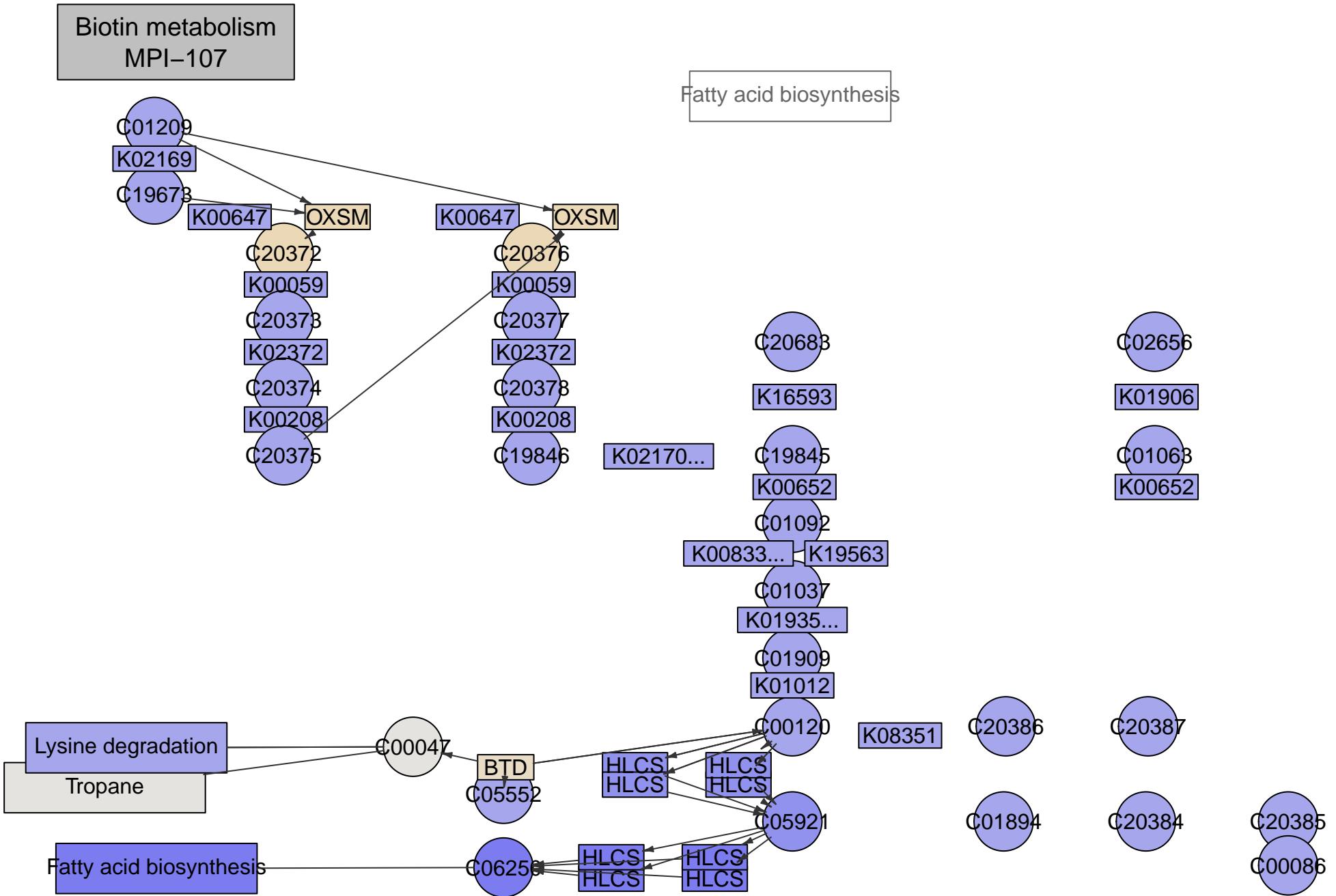
Fatty acid biosynthesis



Biotin metabolism
MPI-104

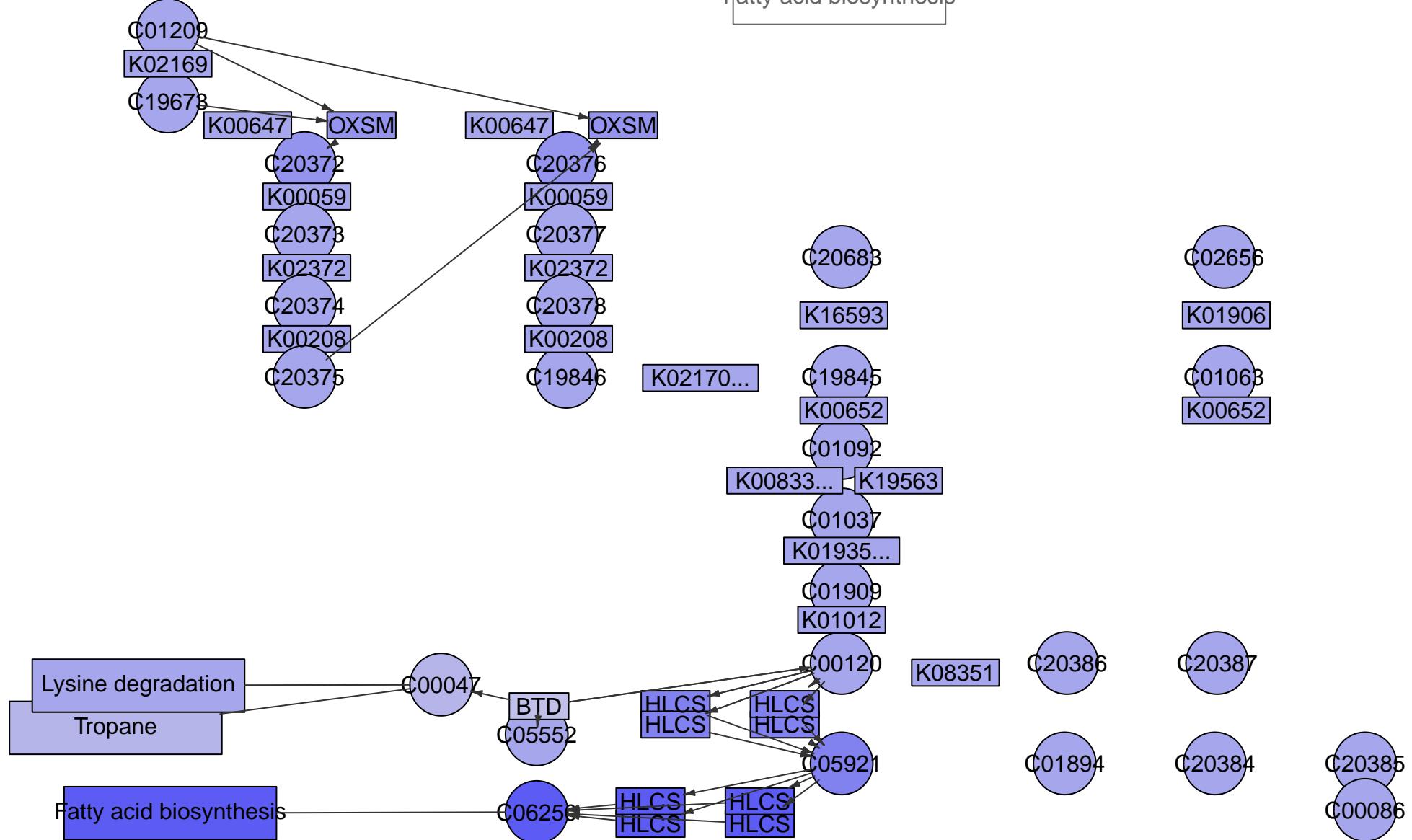
Fatty acid biosynthesis





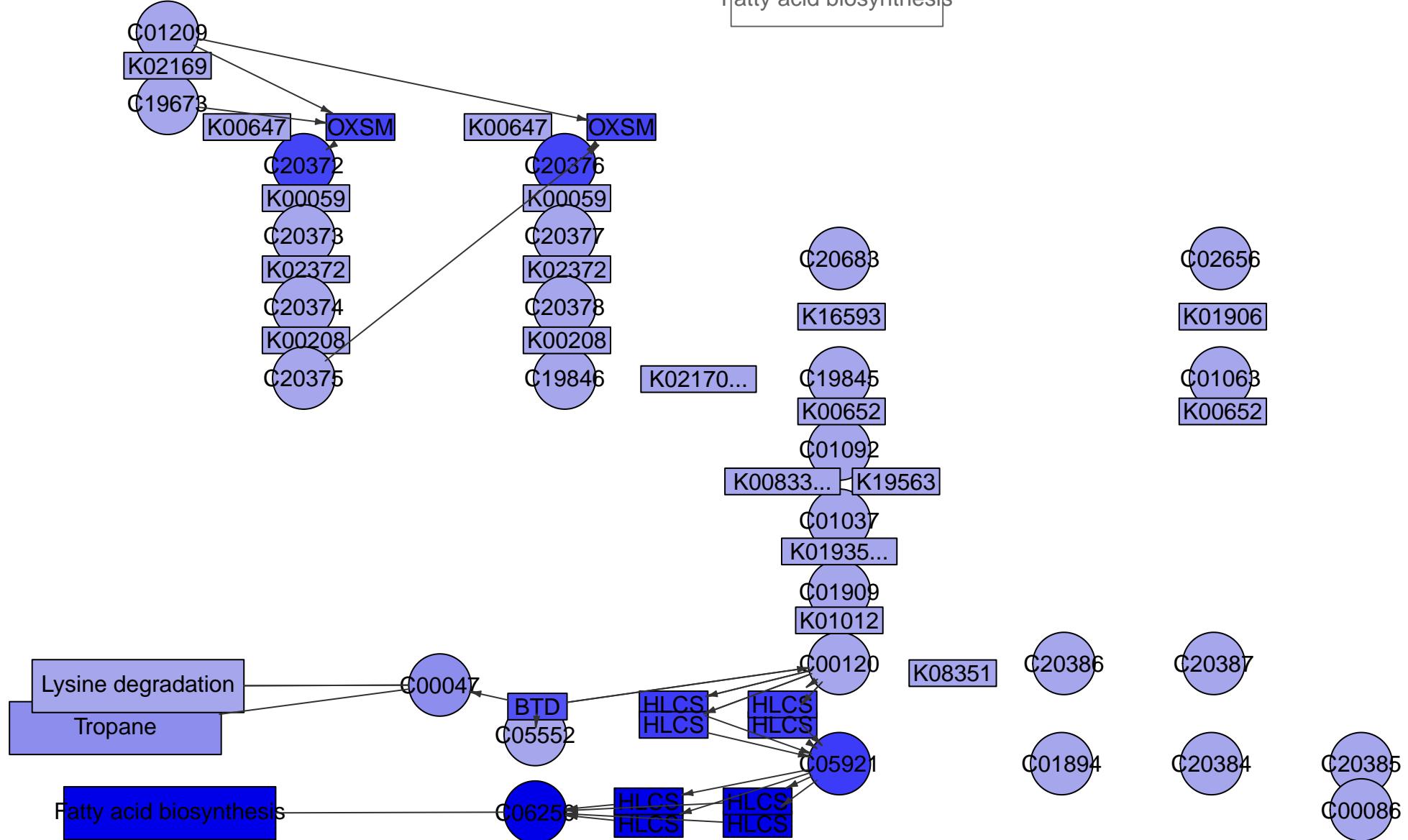
Biotin metabolism
MPI-112

Fatty acid biosynthesis



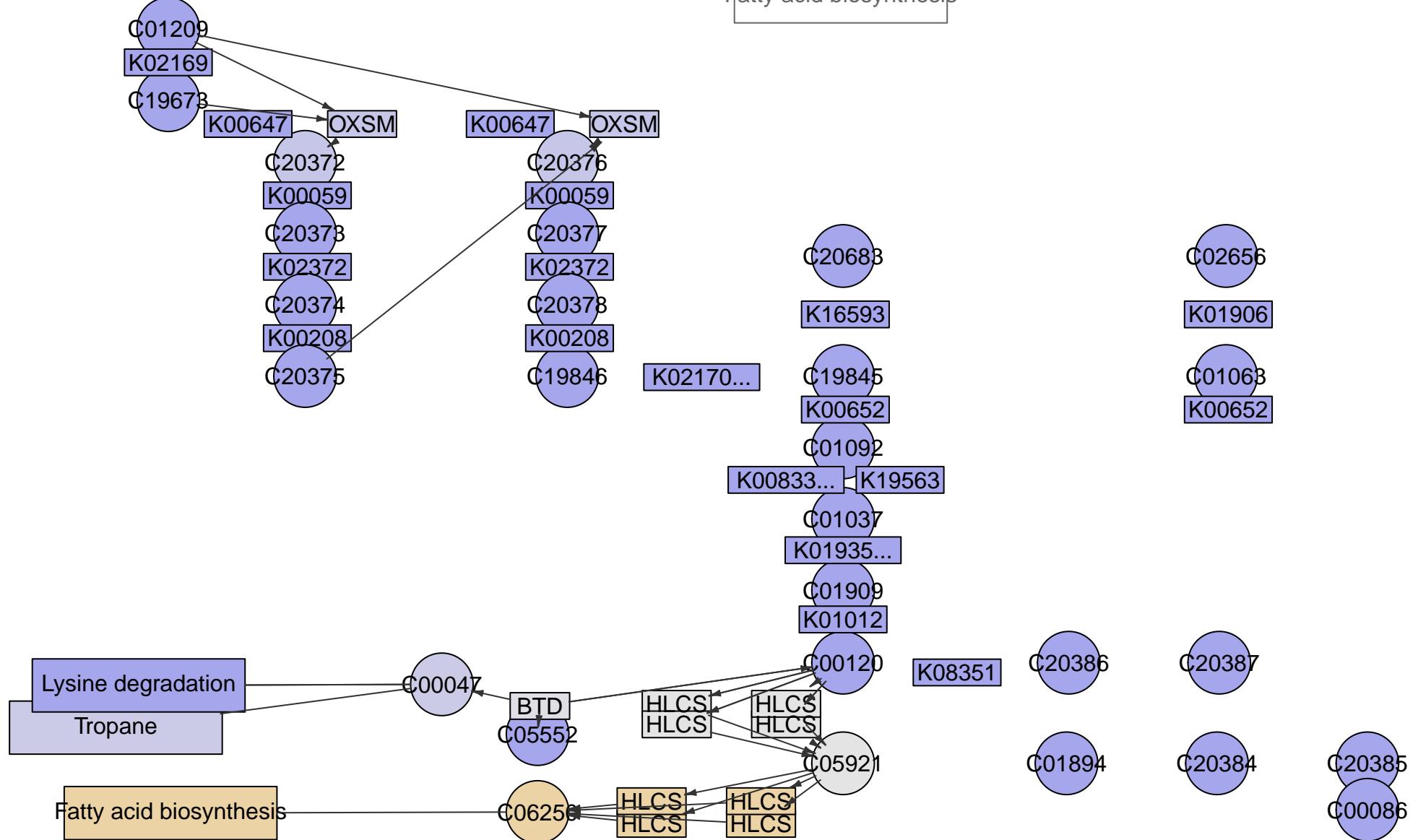
Biotin metabolism
MPI-116

Fatty acid biosynthesis



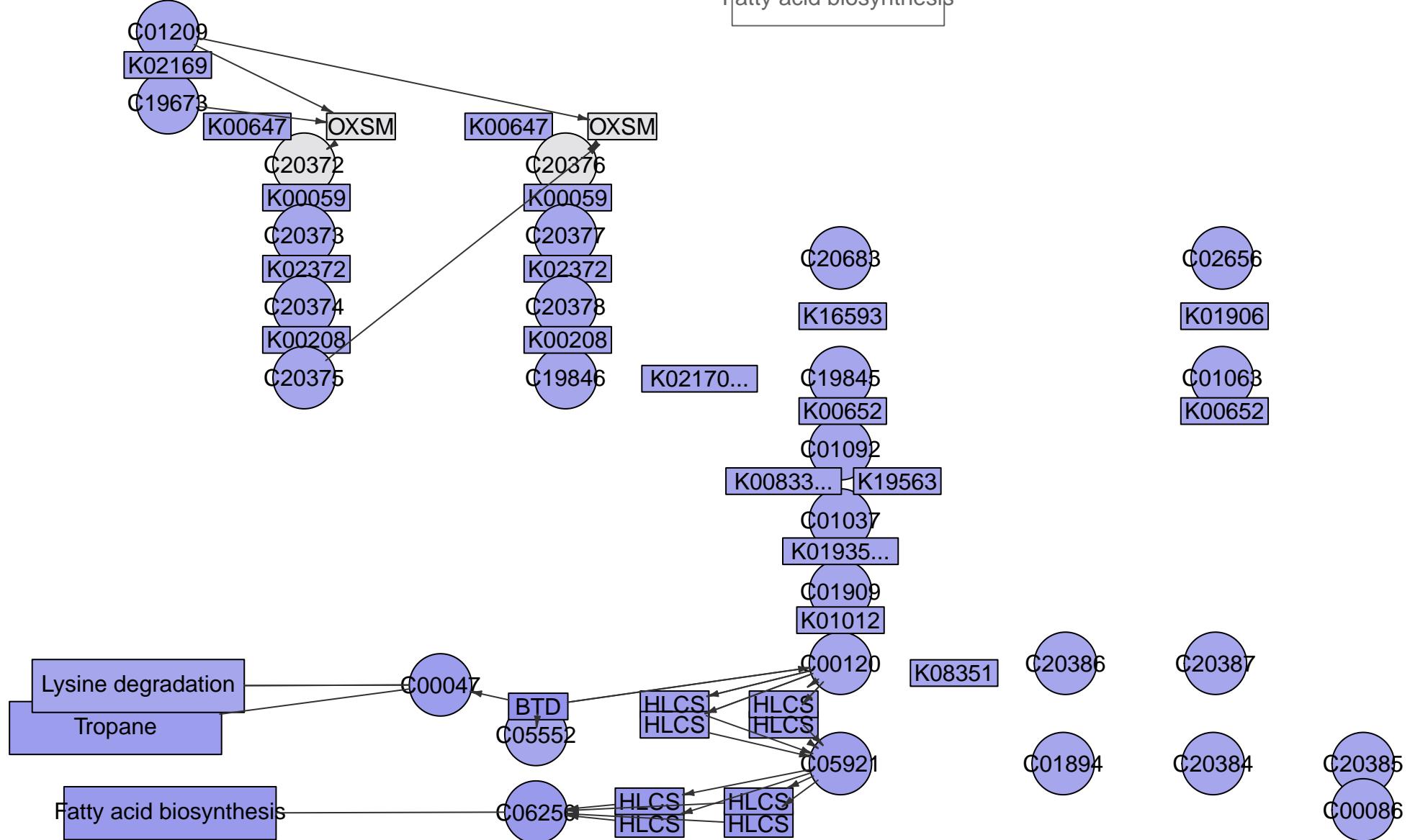
Biotin metabolism
MPI-117

Fatty acid biosynthesis



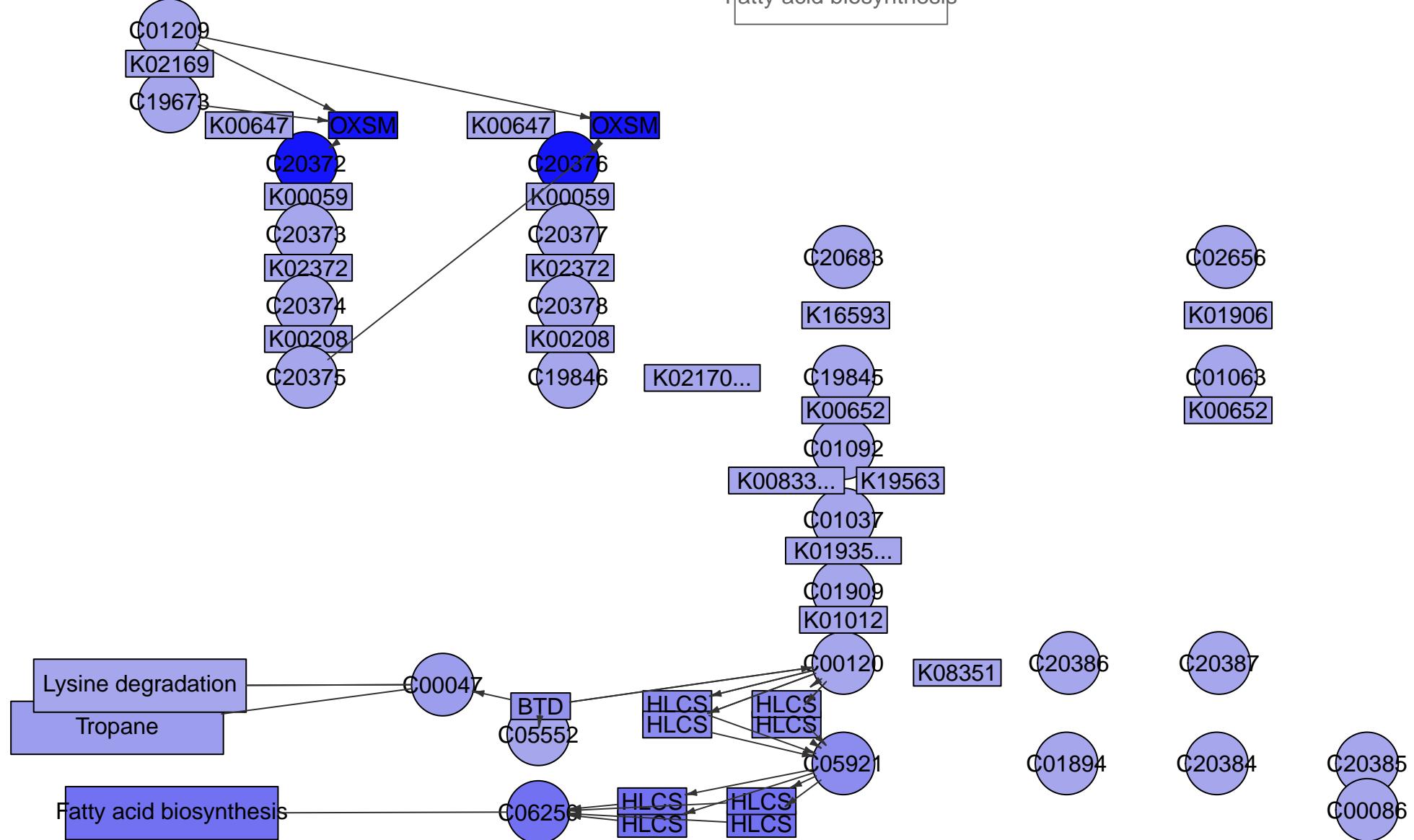
Biotin metabolism
MPI-120

Fatty acid biosynthesis



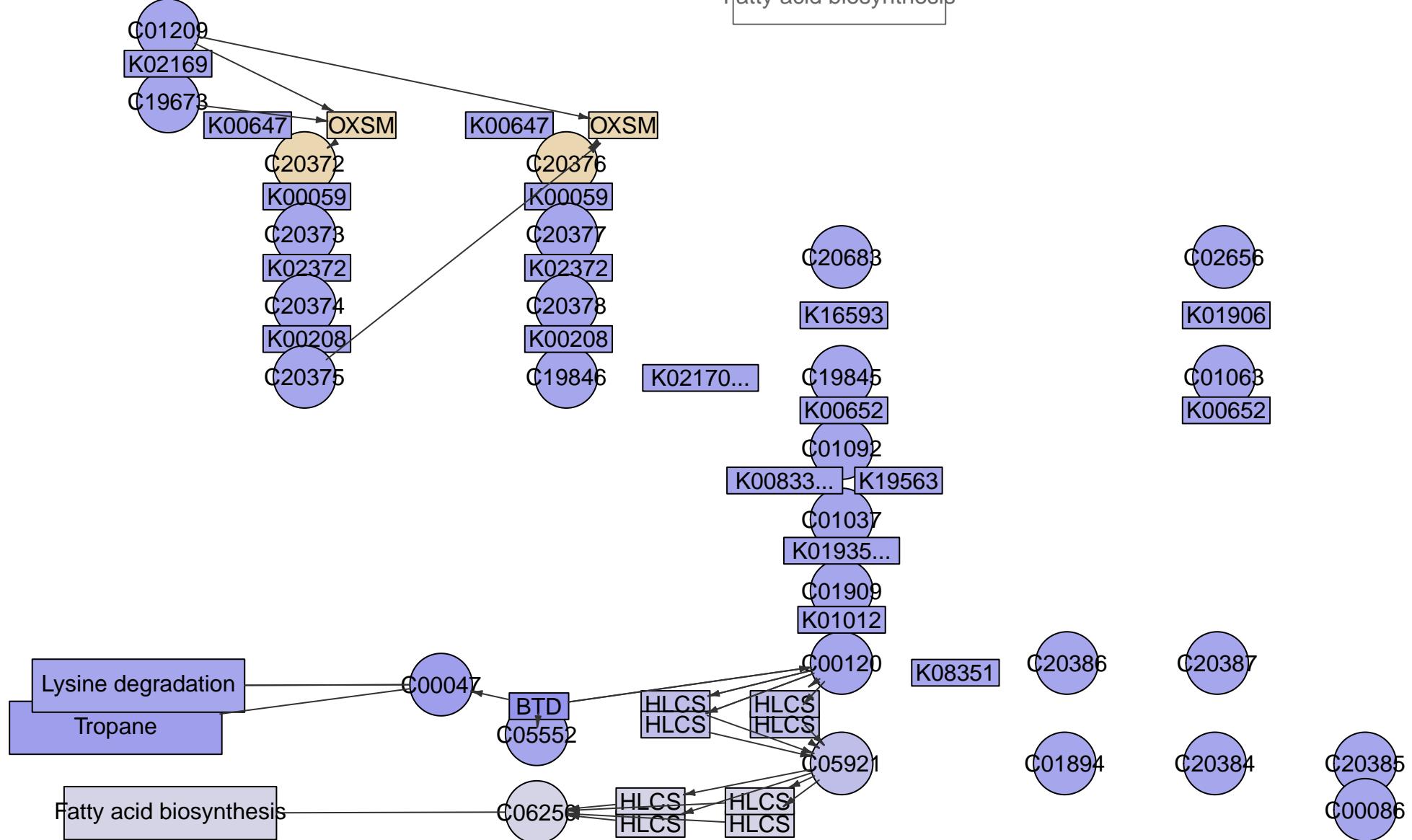
Biotin metabolism
MPI-121

Fatty acid biosynthesis



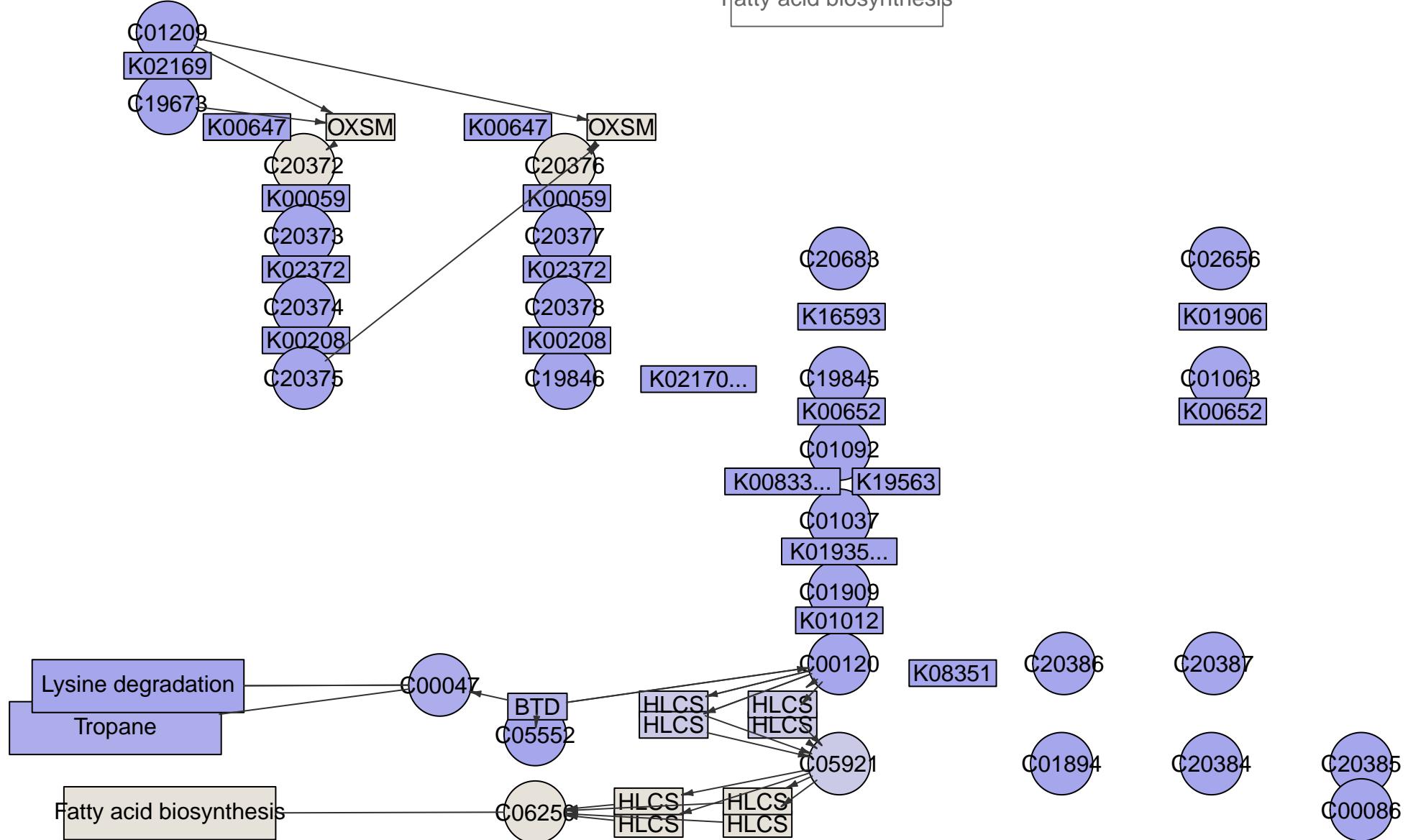
Biotin metabolism
MPI-124

Fatty acid biosynthesis



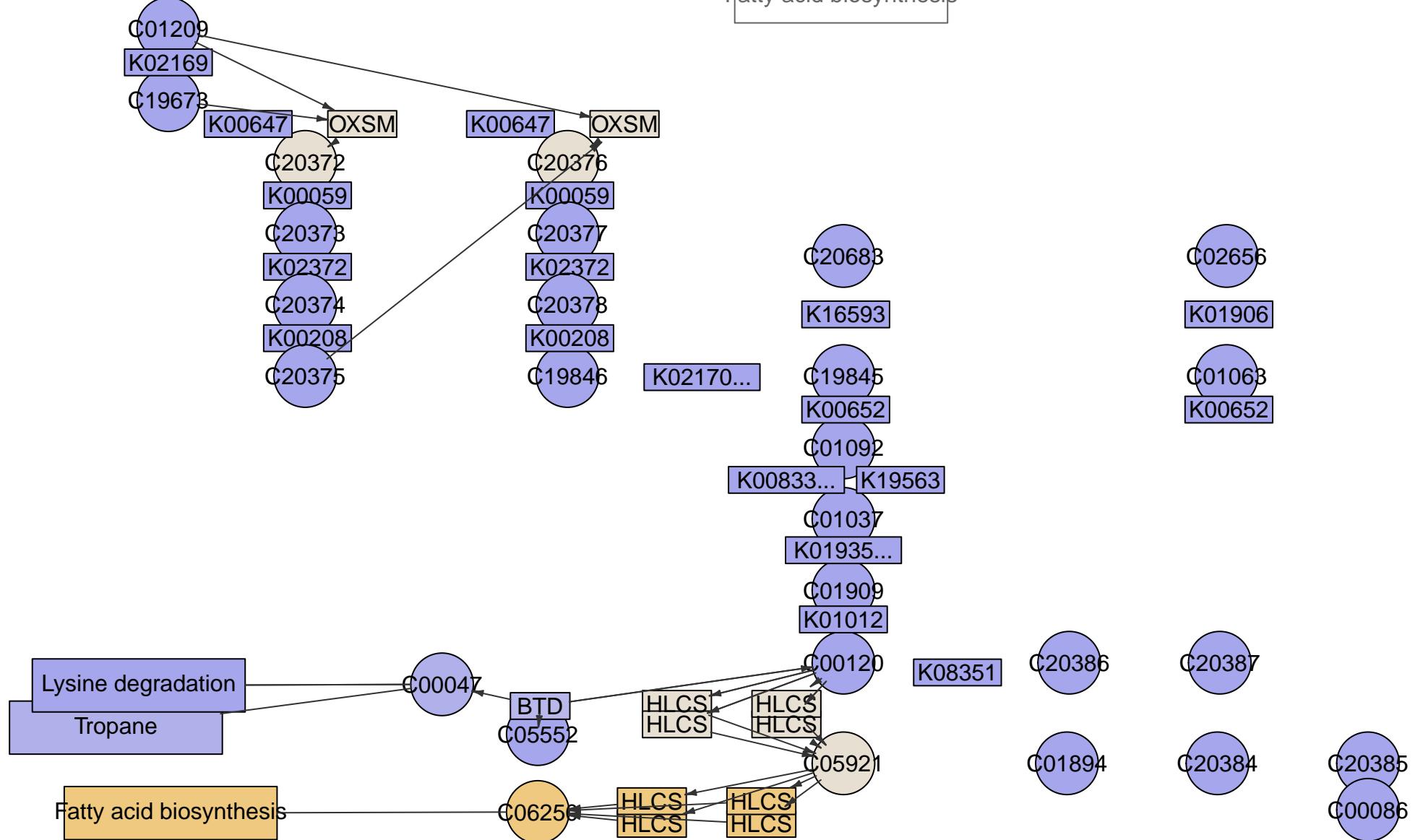
Biotin metabolism
MPI-126

Fatty acid biosynthesis



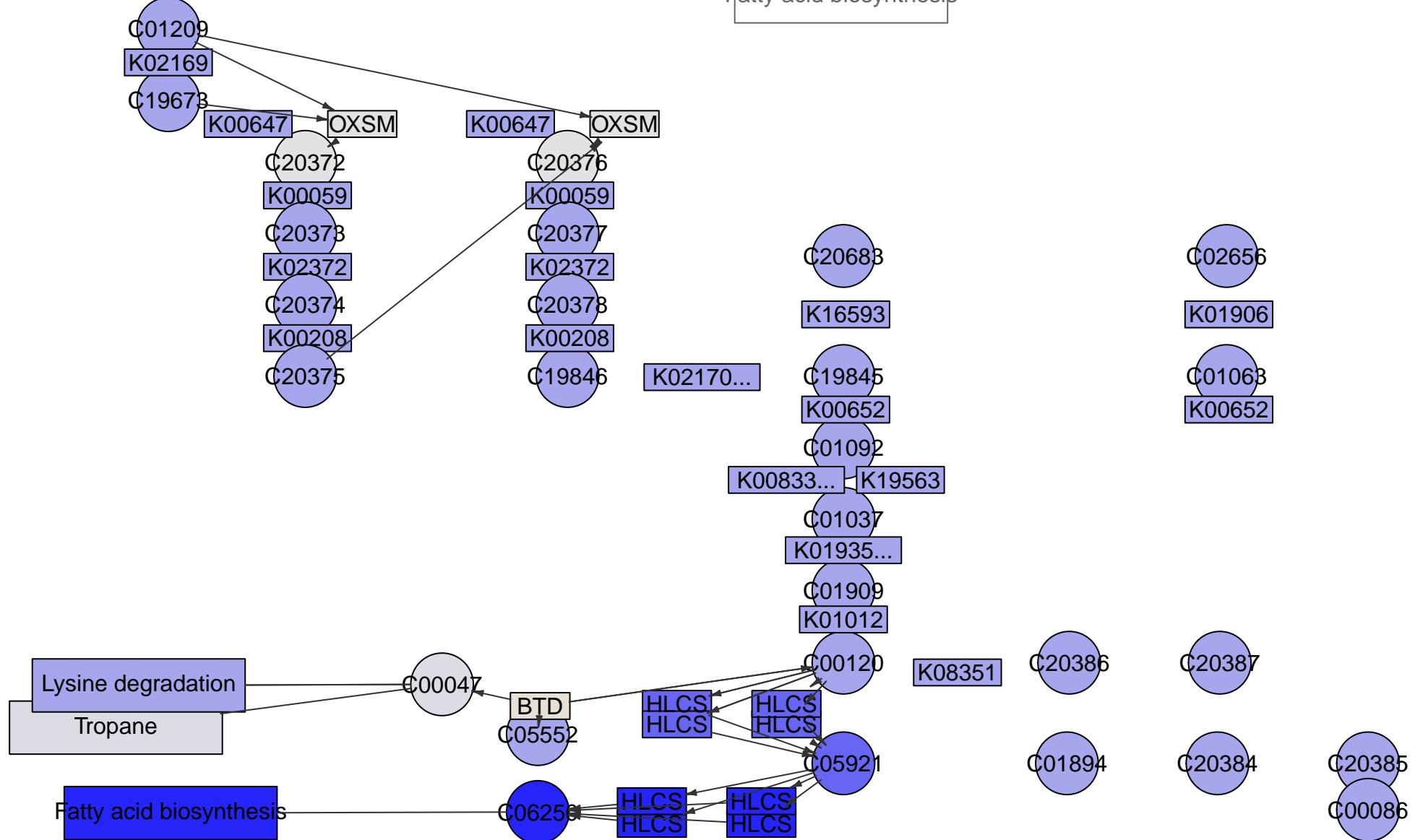
Biotin metabolism
MPI-131

Fatty acid biosynthesis



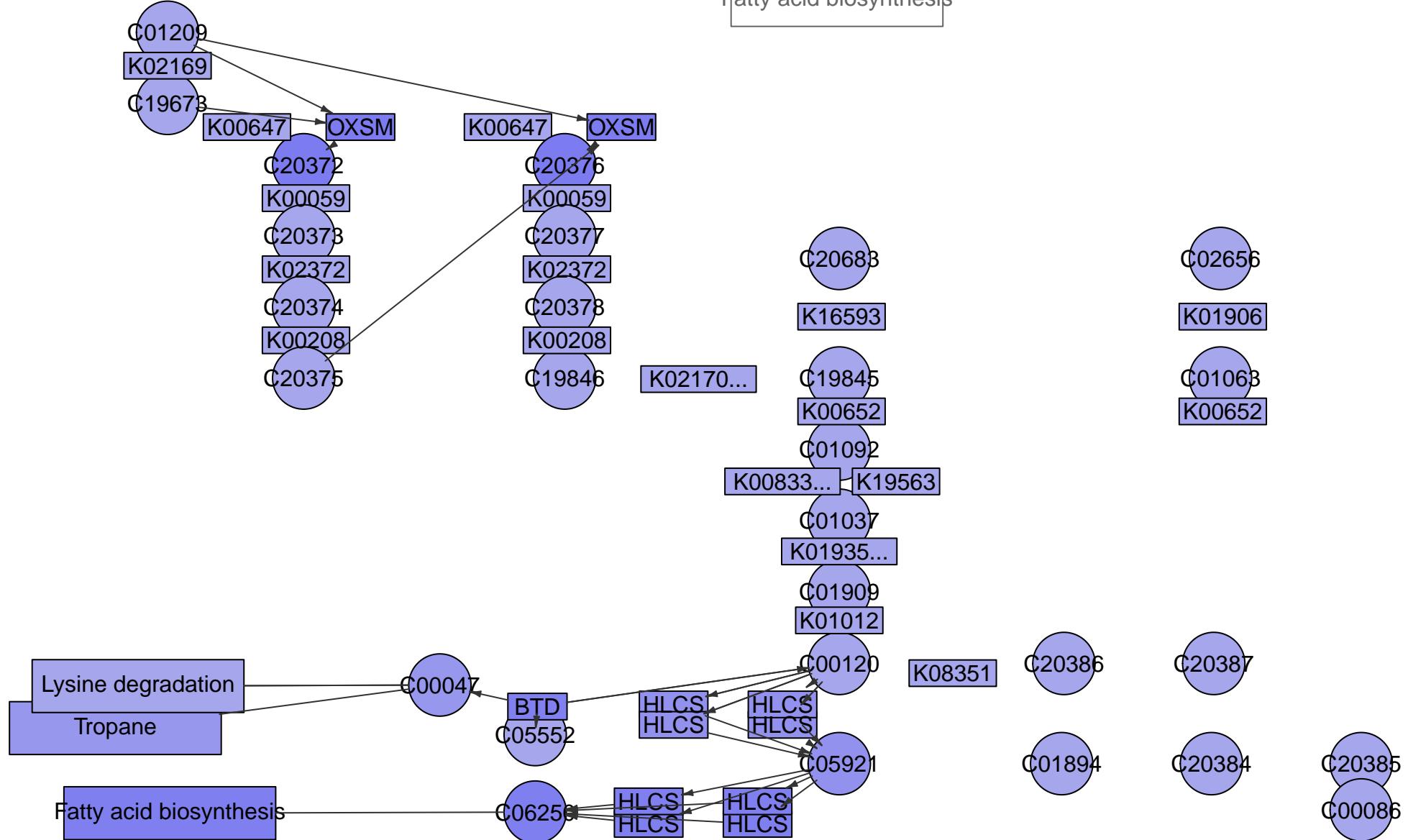
Biotin metabolism
MPI-143

Fatty acid biosynthesis



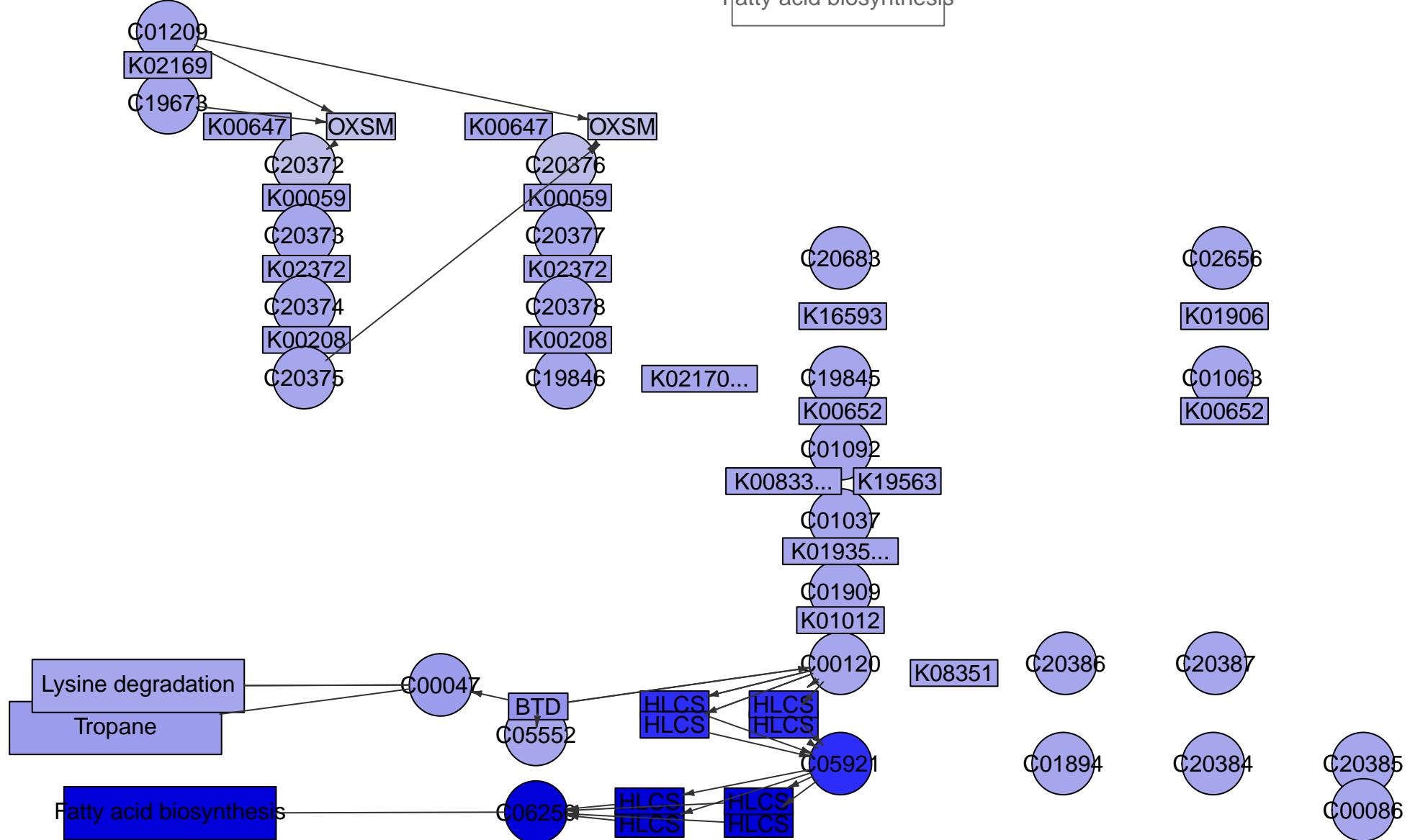
Biotin metabolism
MPI-148

Fatty acid biosynthesis



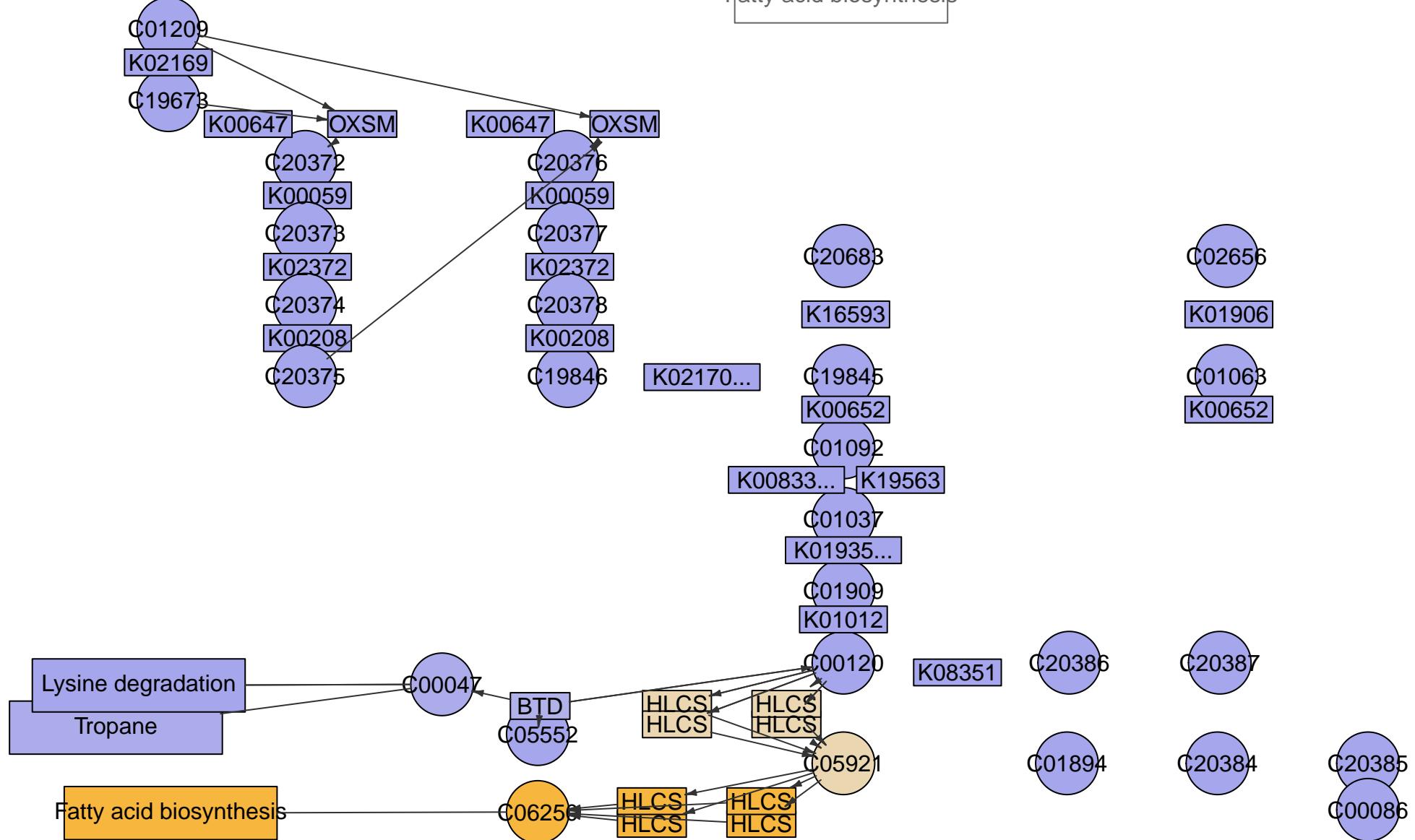
Biotin metabolism
MPI-161

Fatty acid biosynthesis



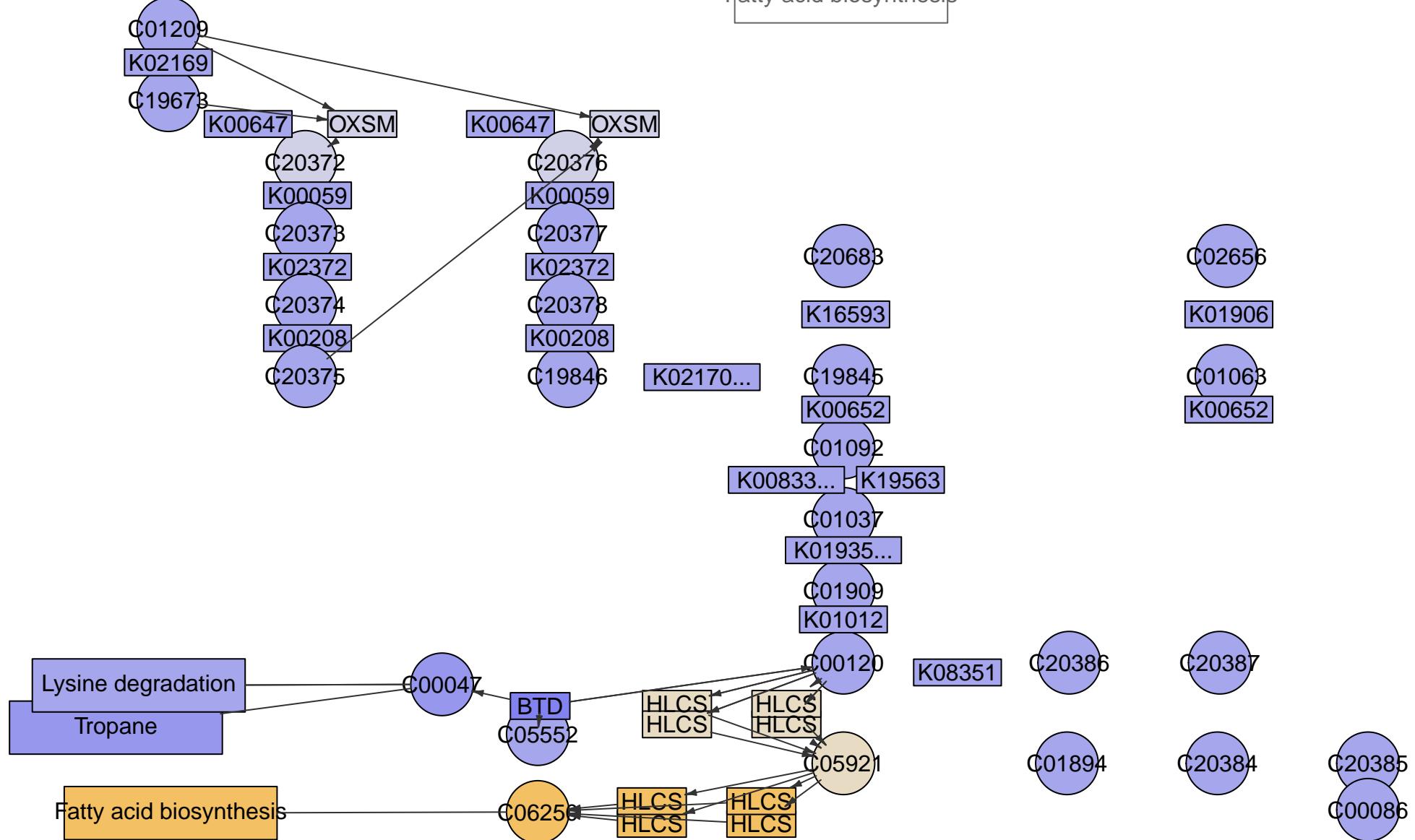
Biotin metabolism
MPI-162

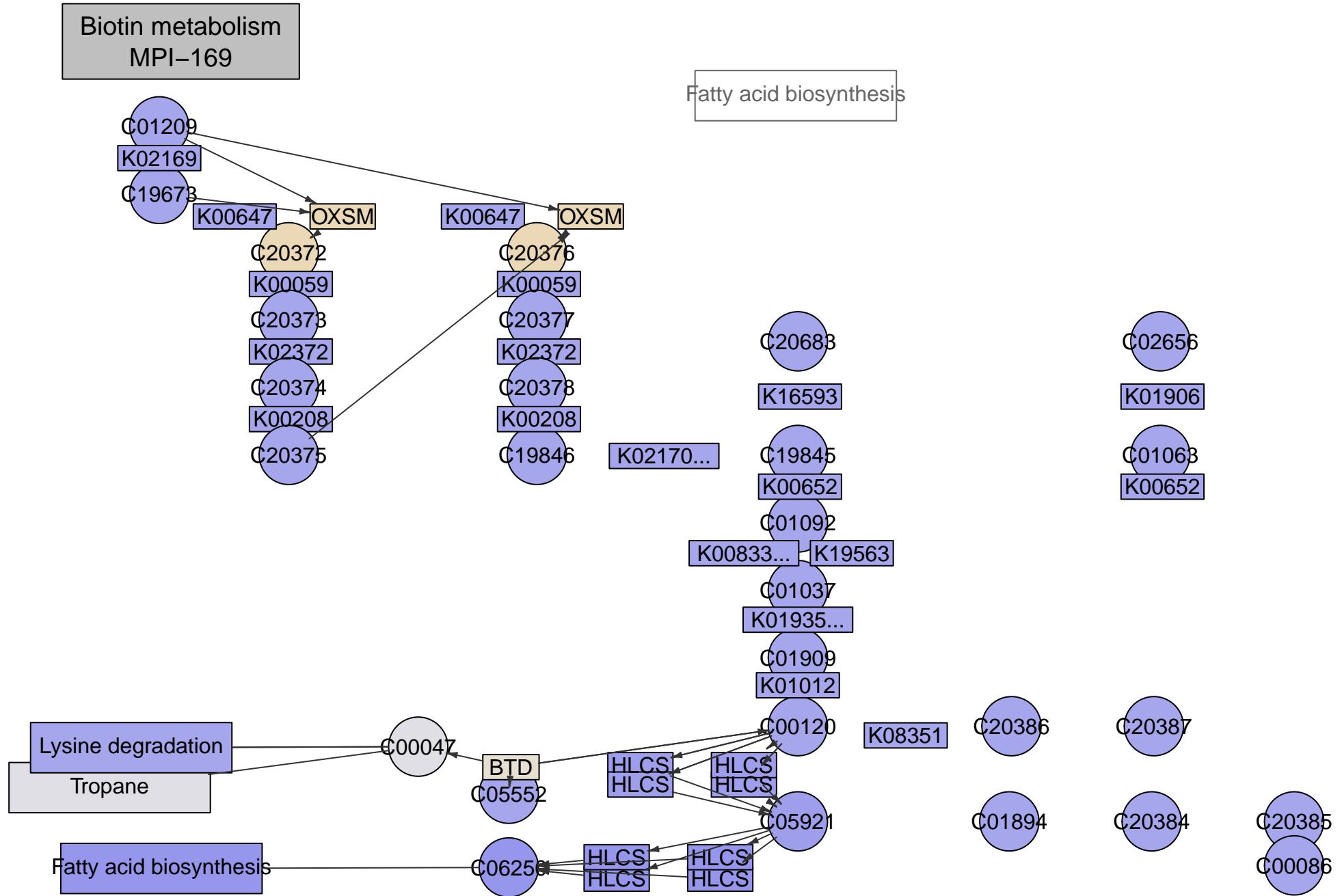
Fatty acid biosynthesis



Biotin metabolism
MPI-165

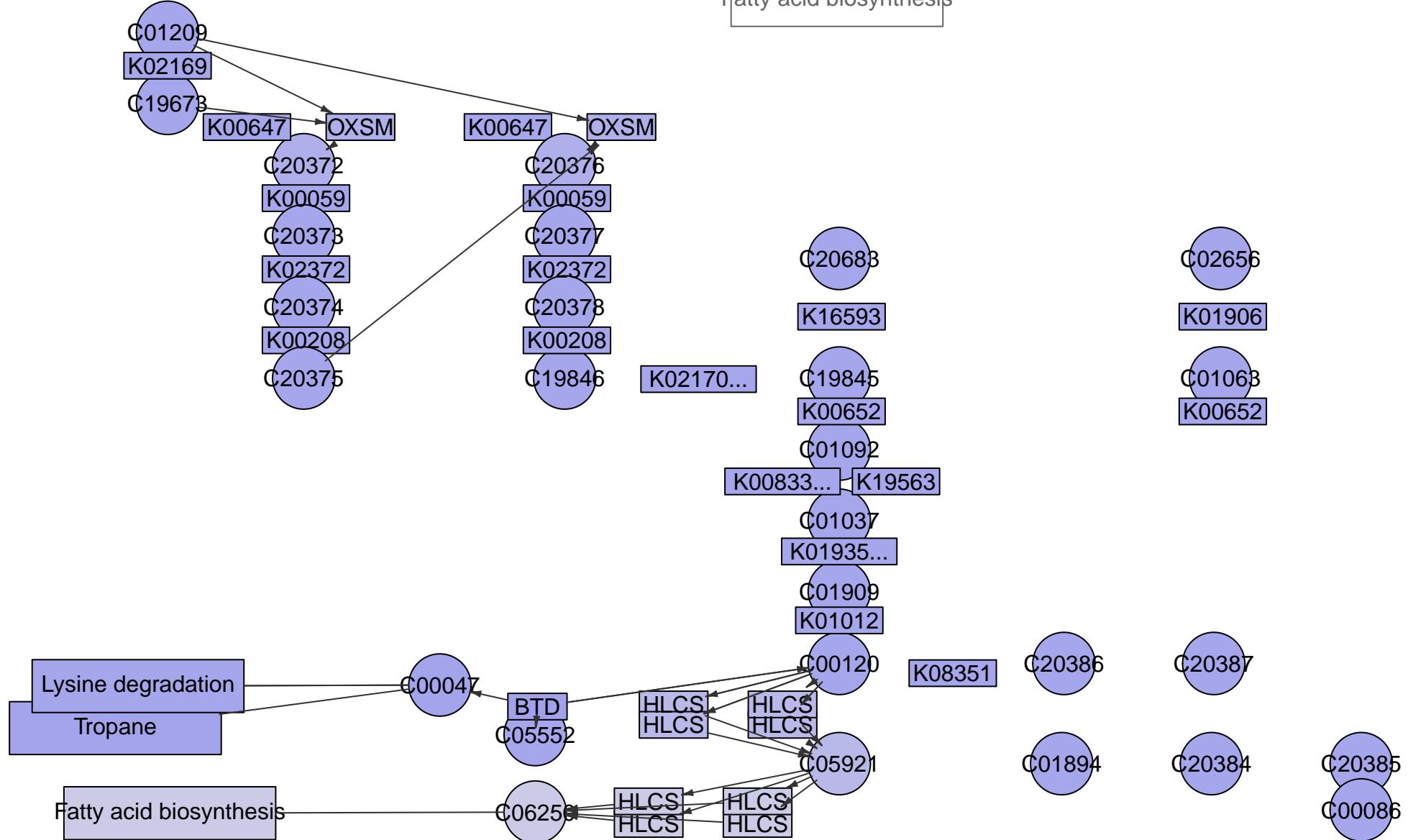
Fatty acid biosynthesis





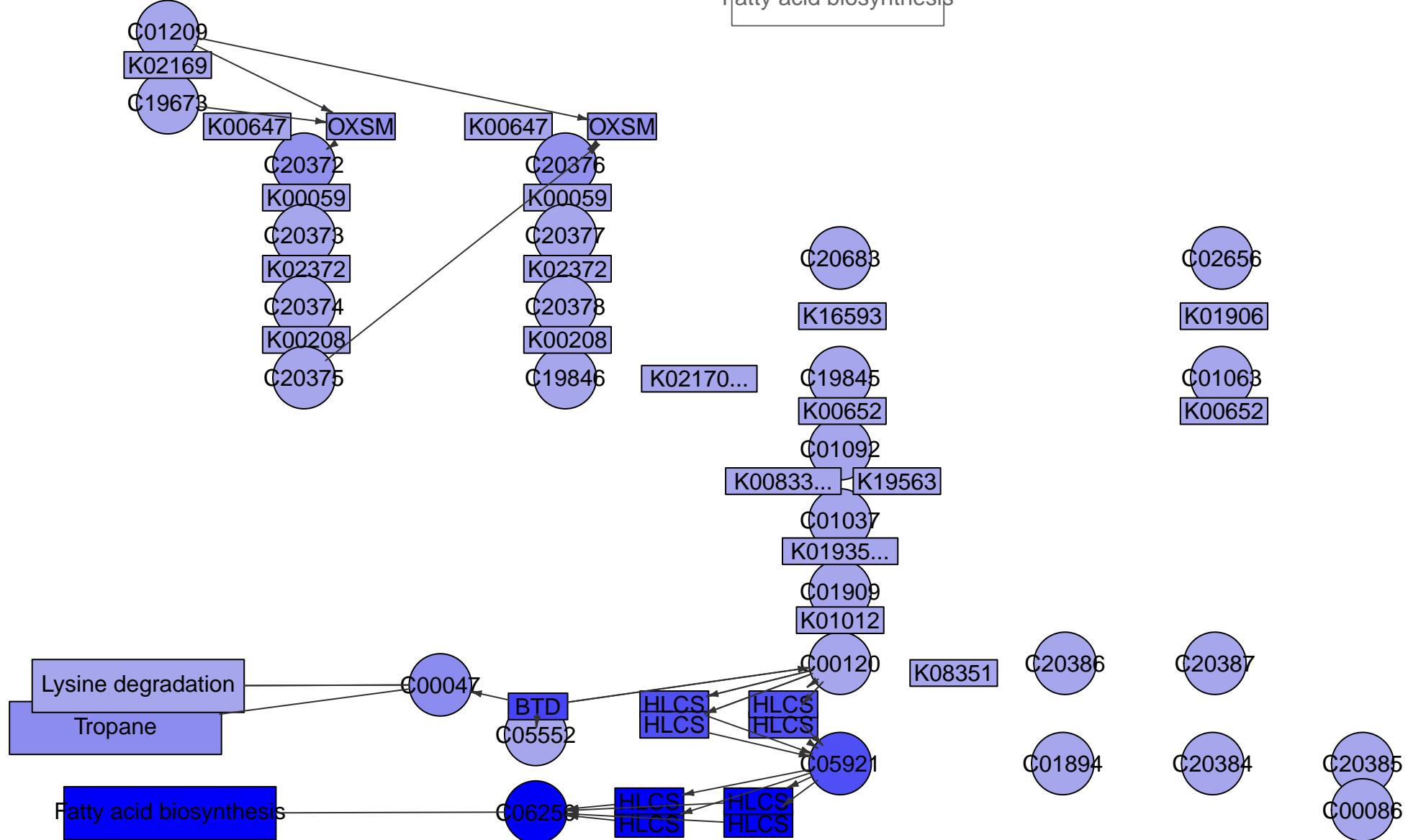
Biotin metabolism
MPI-175

Fatty acid biosynthesis



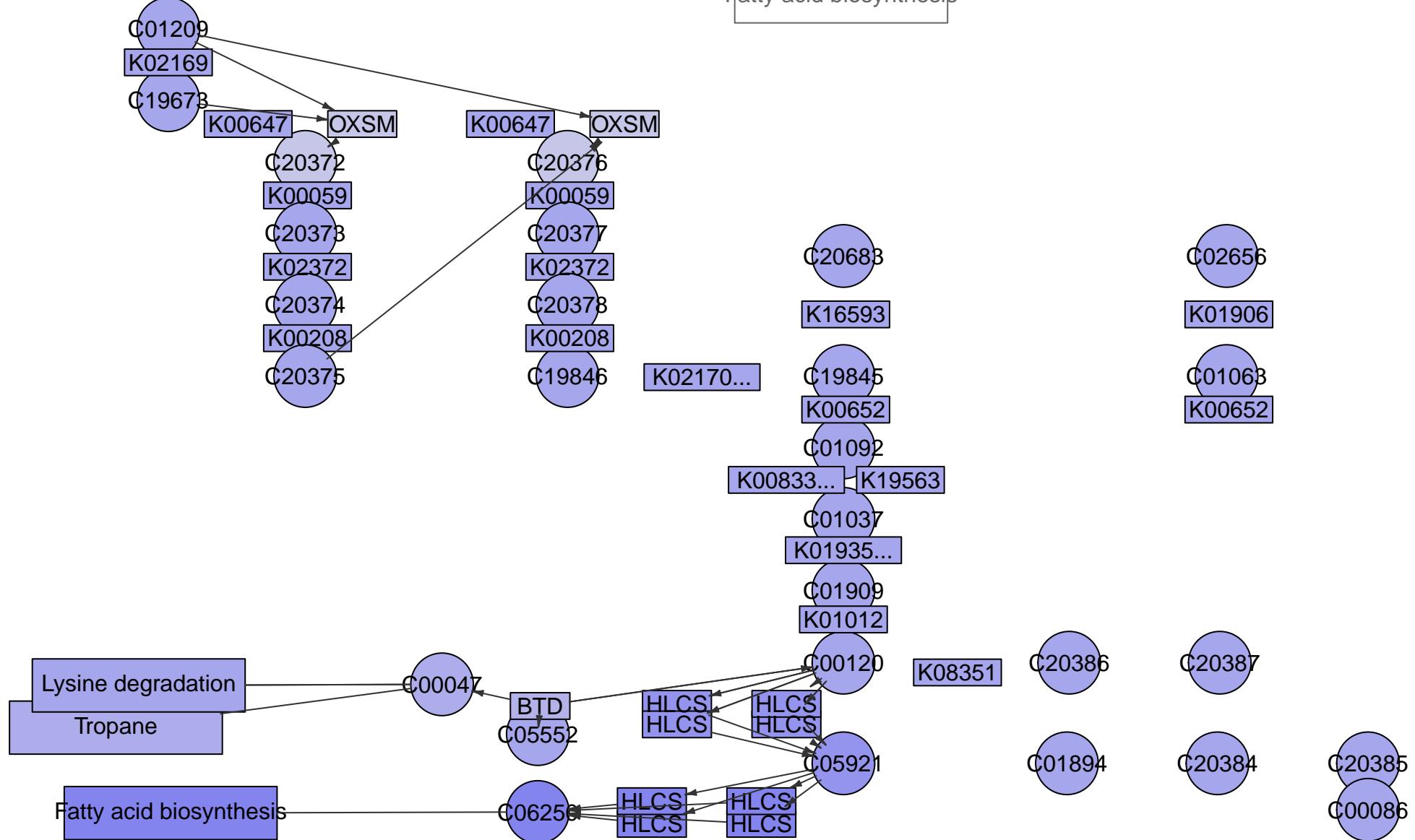
Biotin metabolism
MPI-187

Fatty acid biosynthesis



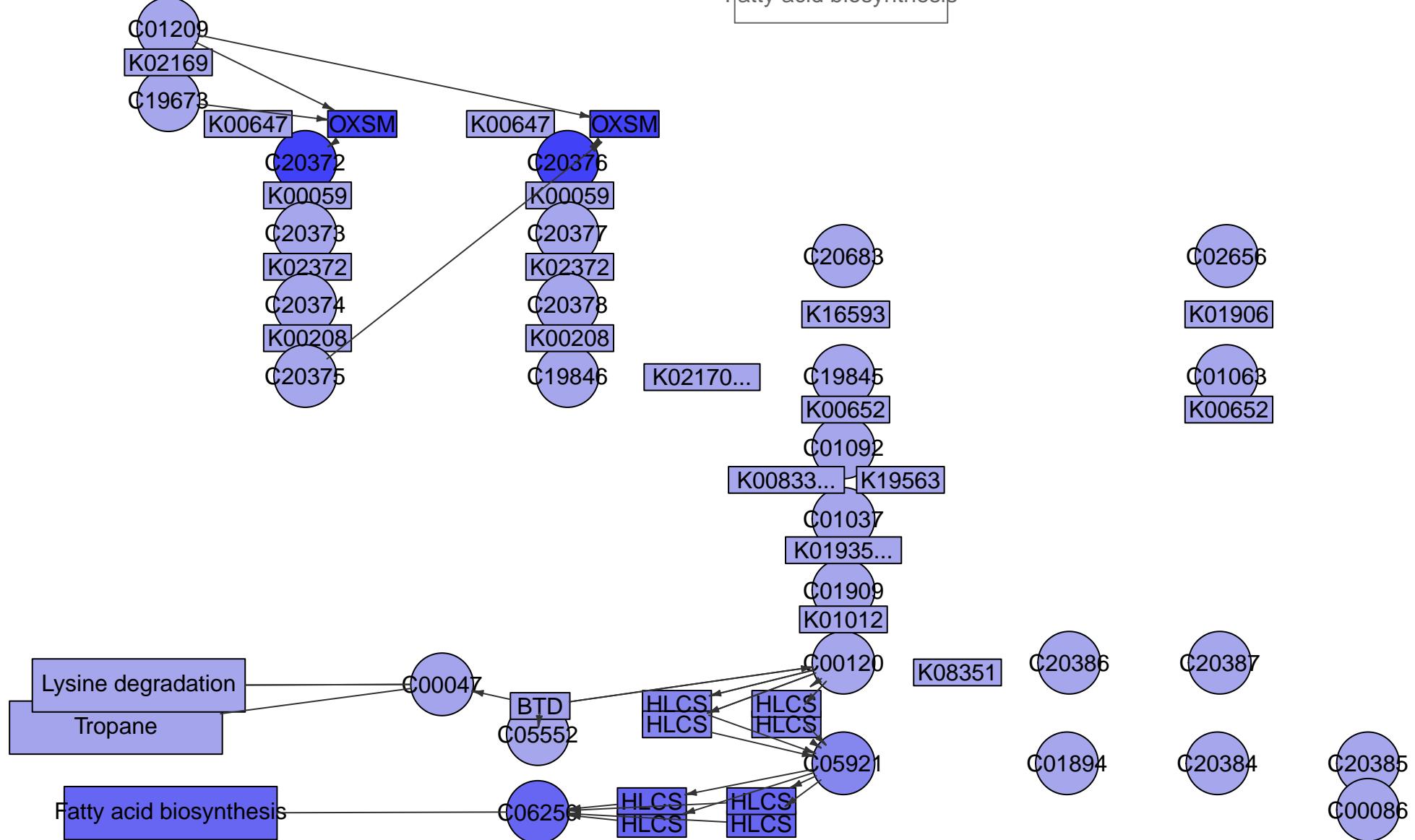
Biotin metabolism
MPI-193

Fatty acid biosynthesis



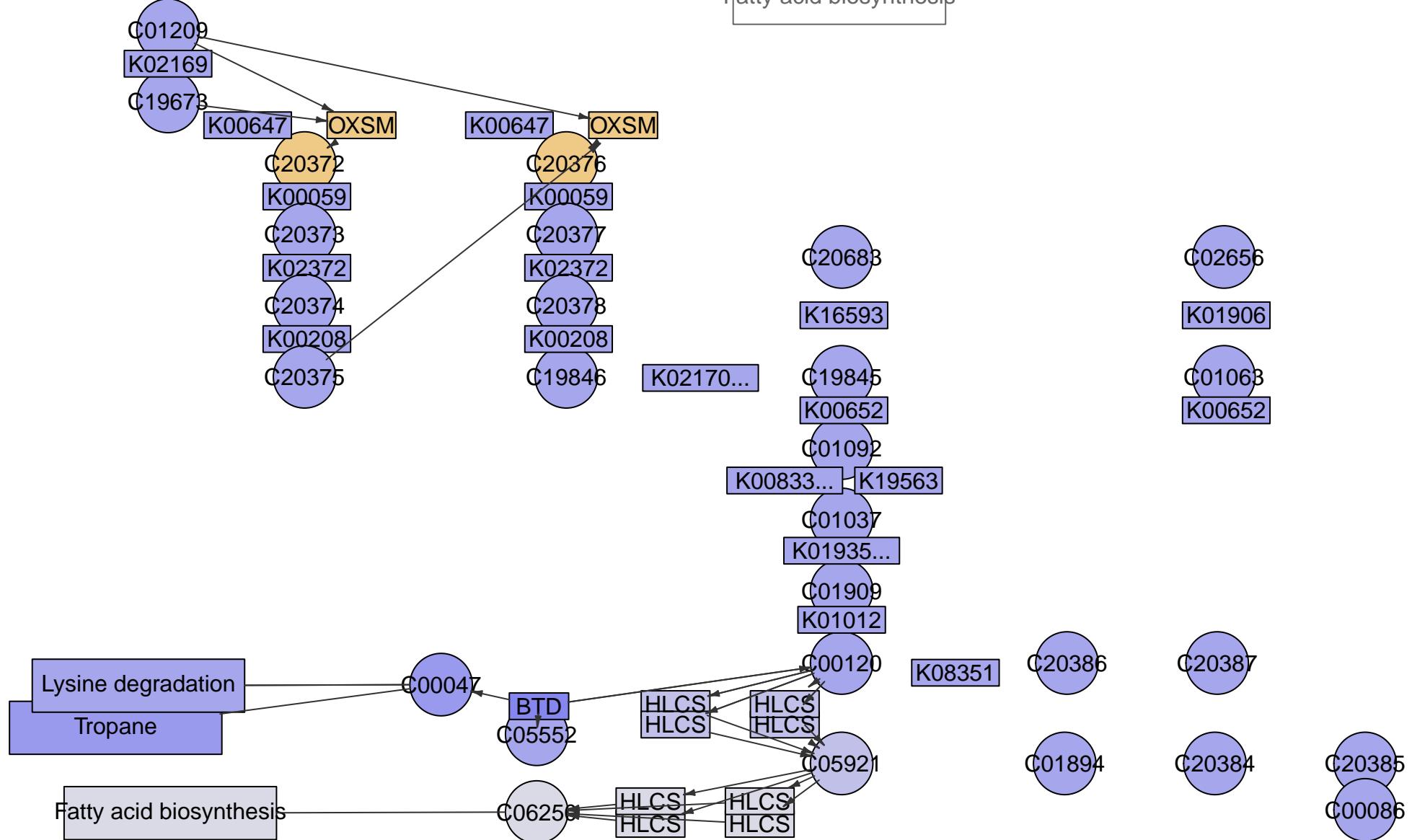
Biotin metabolism
MPI-216

Fatty acid biosynthesis



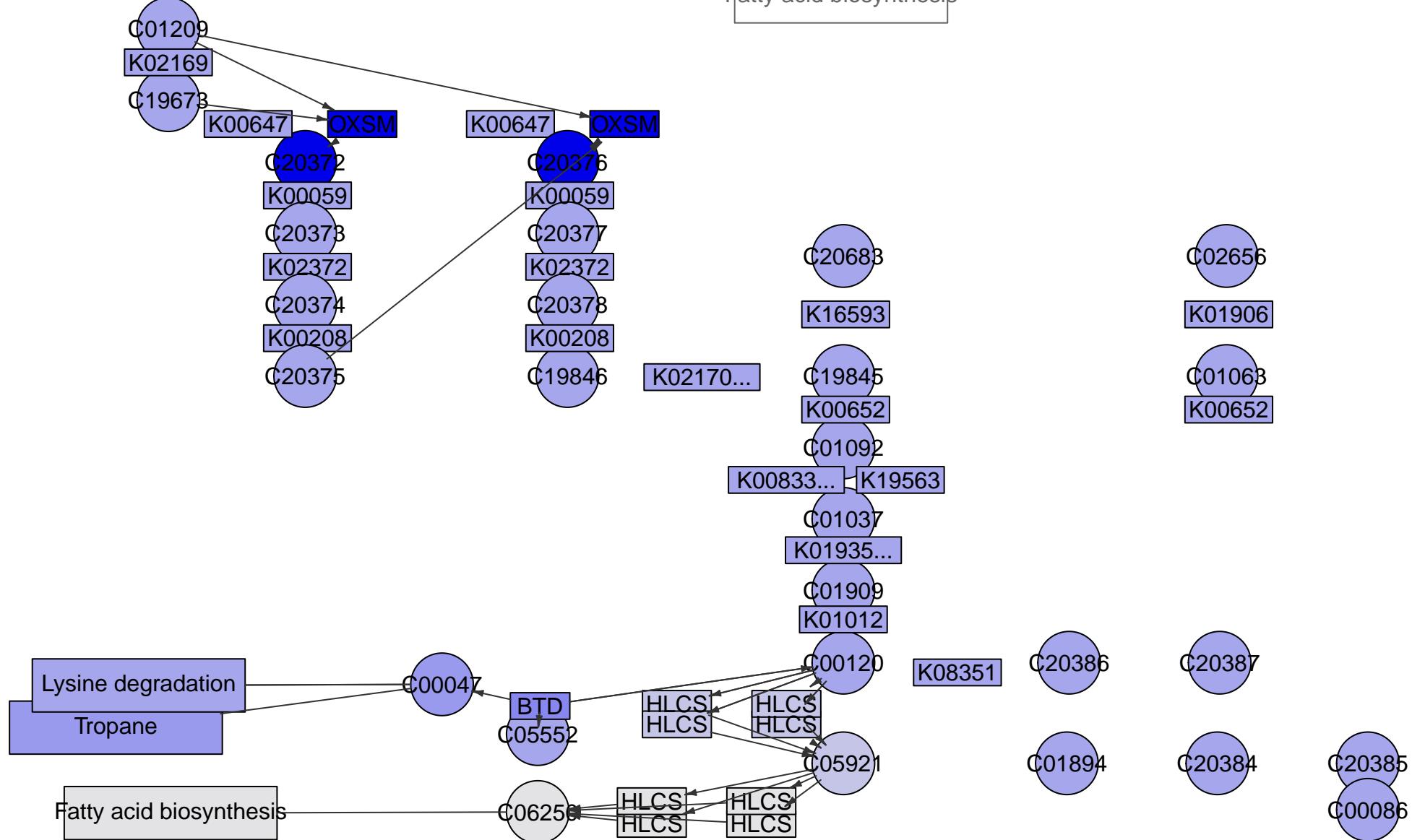
Biotin metabolism
MPI-222

Fatty acid biosynthesis



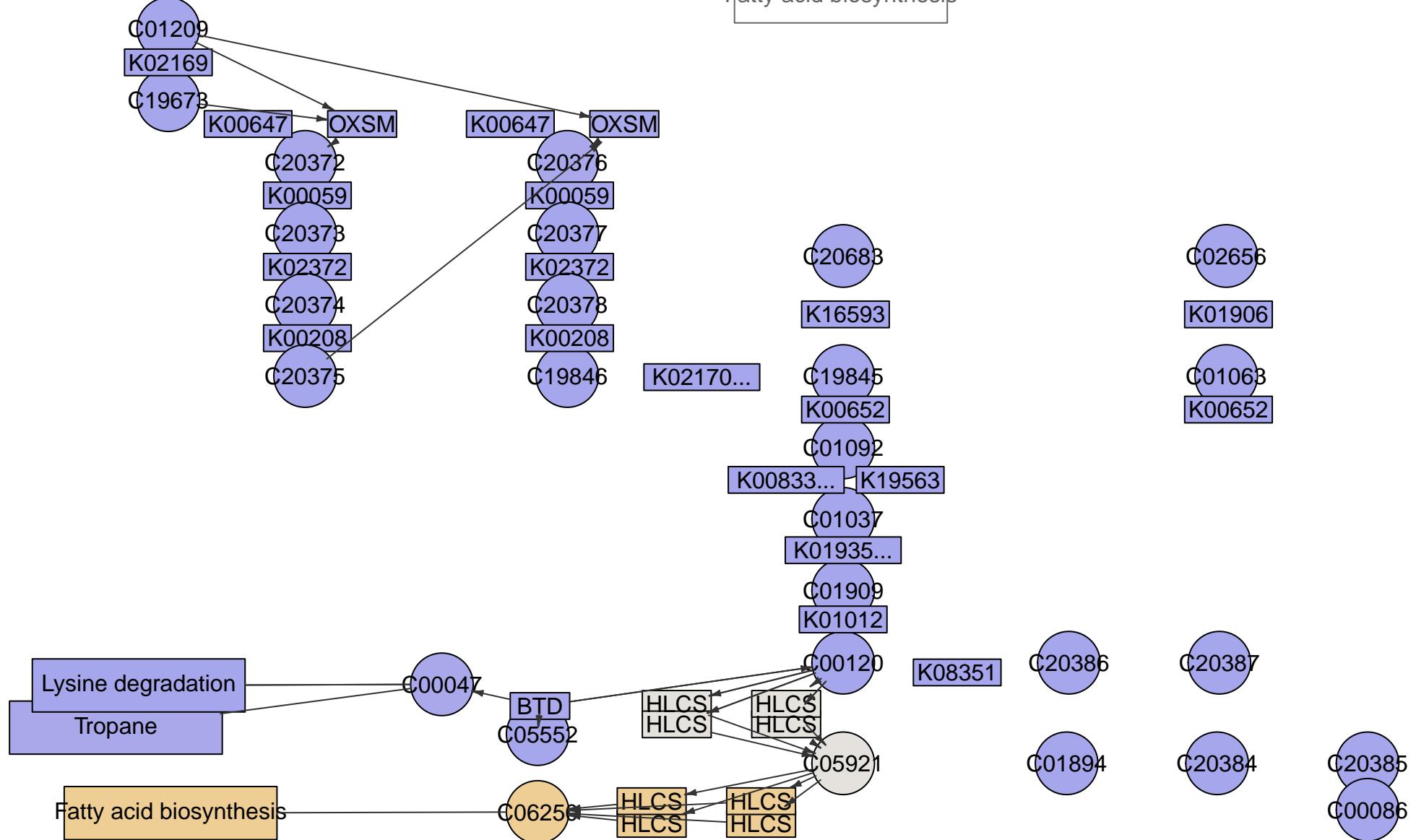
Biotin metabolism
MPI-225

Fatty acid biosynthesis



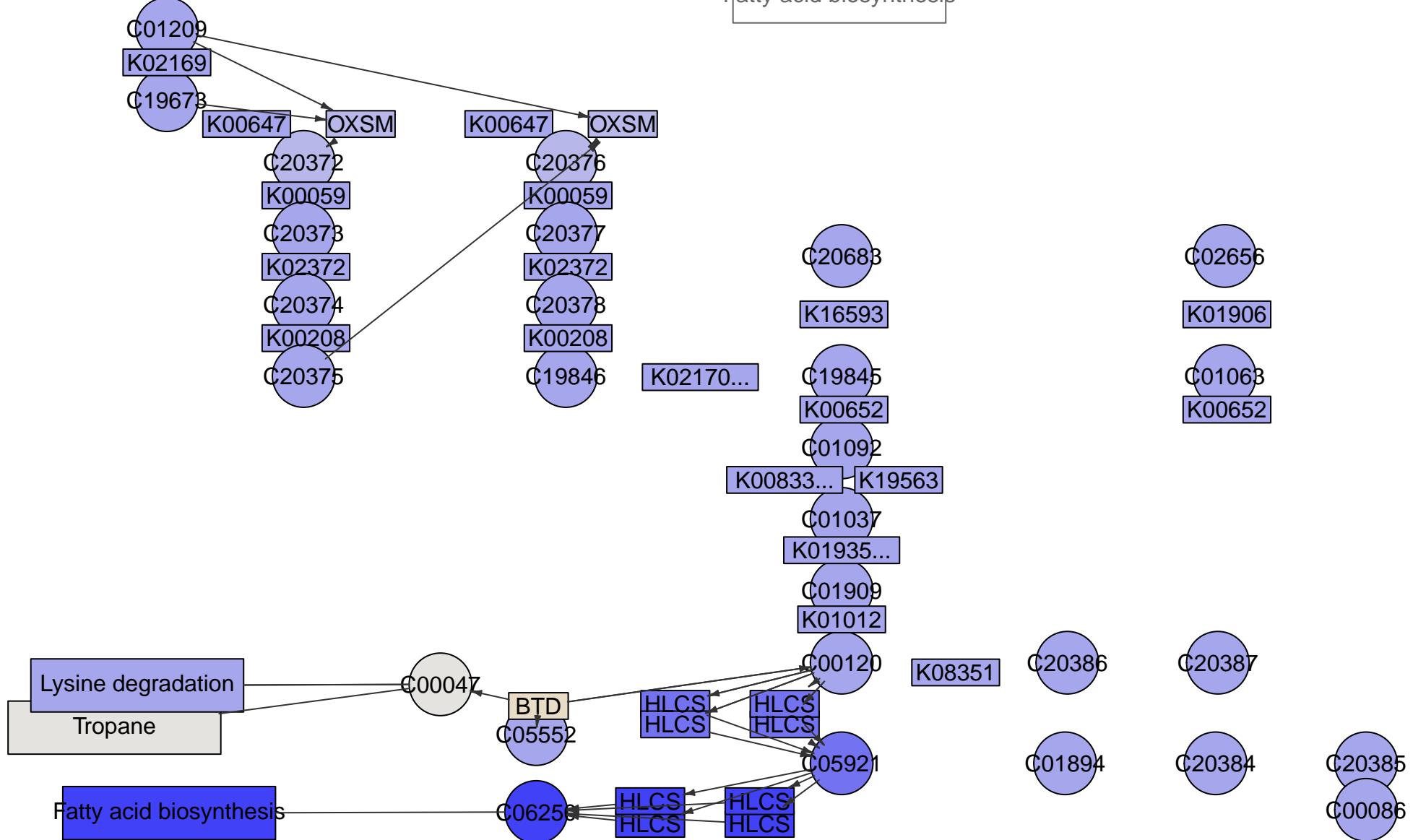
Biotin metabolism
MPI-242

Fatty acid biosynthesis



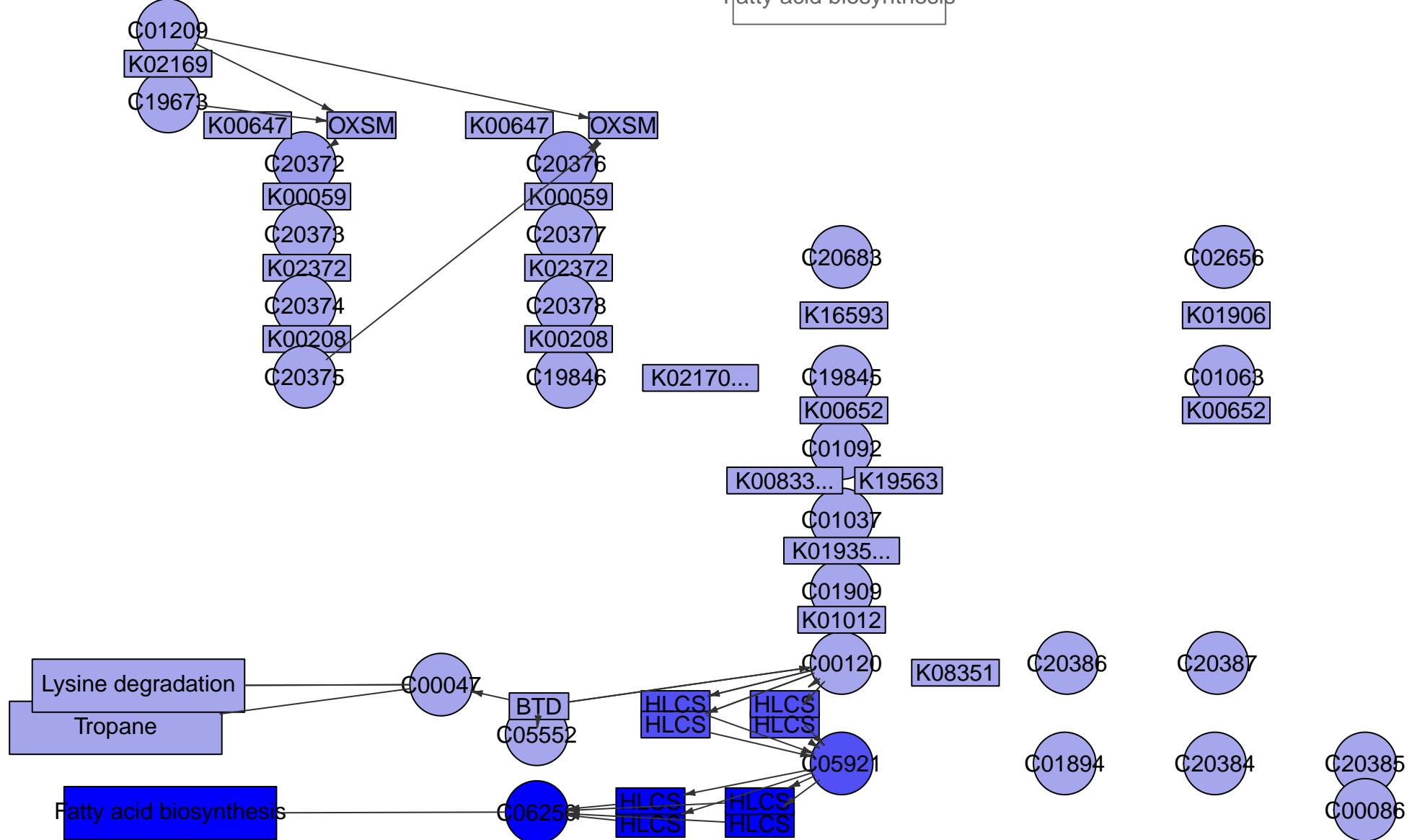
Biotin metabolism
MPI-245

Fatty acid biosynthesis



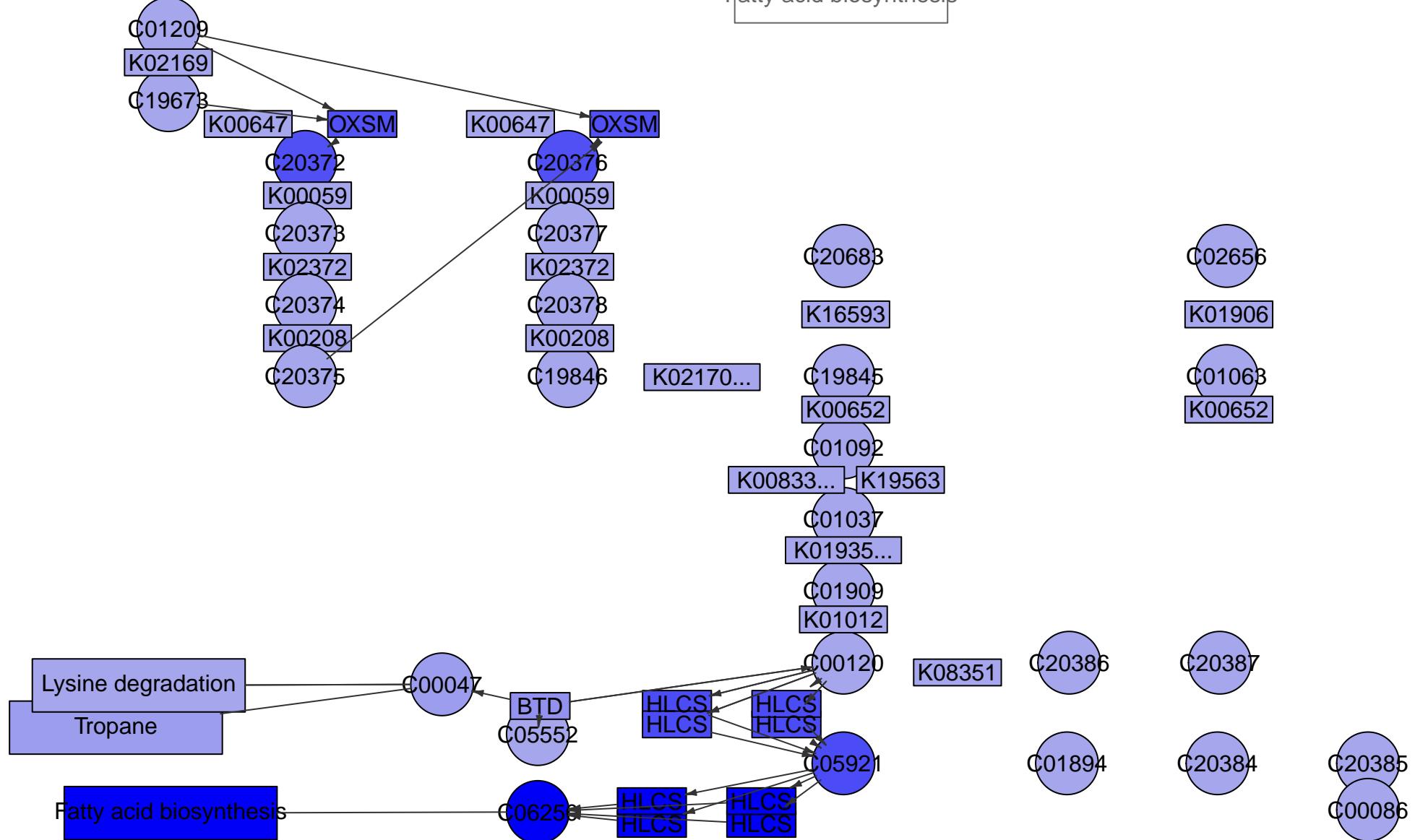
Biotin metabolism
MPI-248

Fatty acid biosynthesis



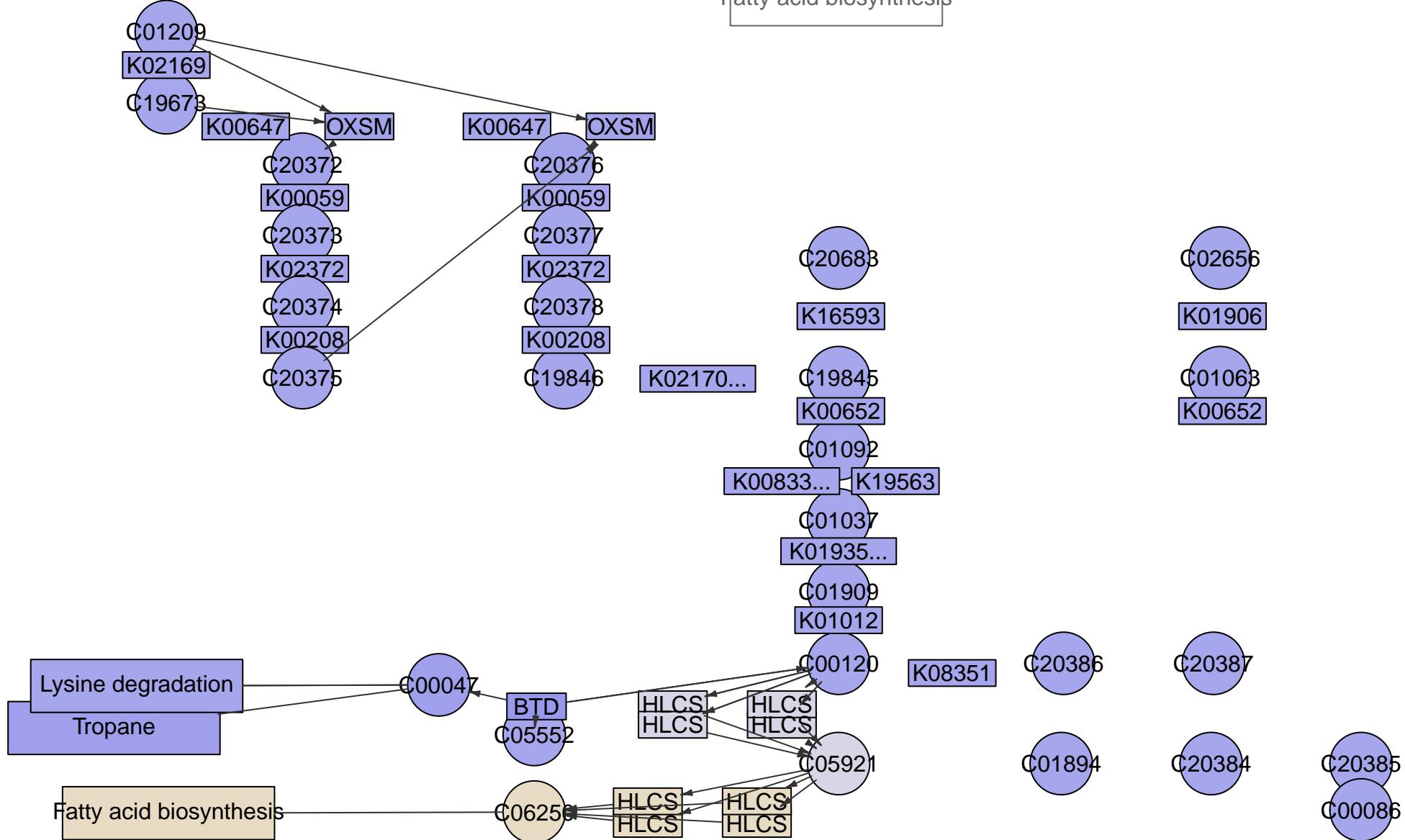
Biotin metabolism
MPI-249

Fatty acid biosynthesis



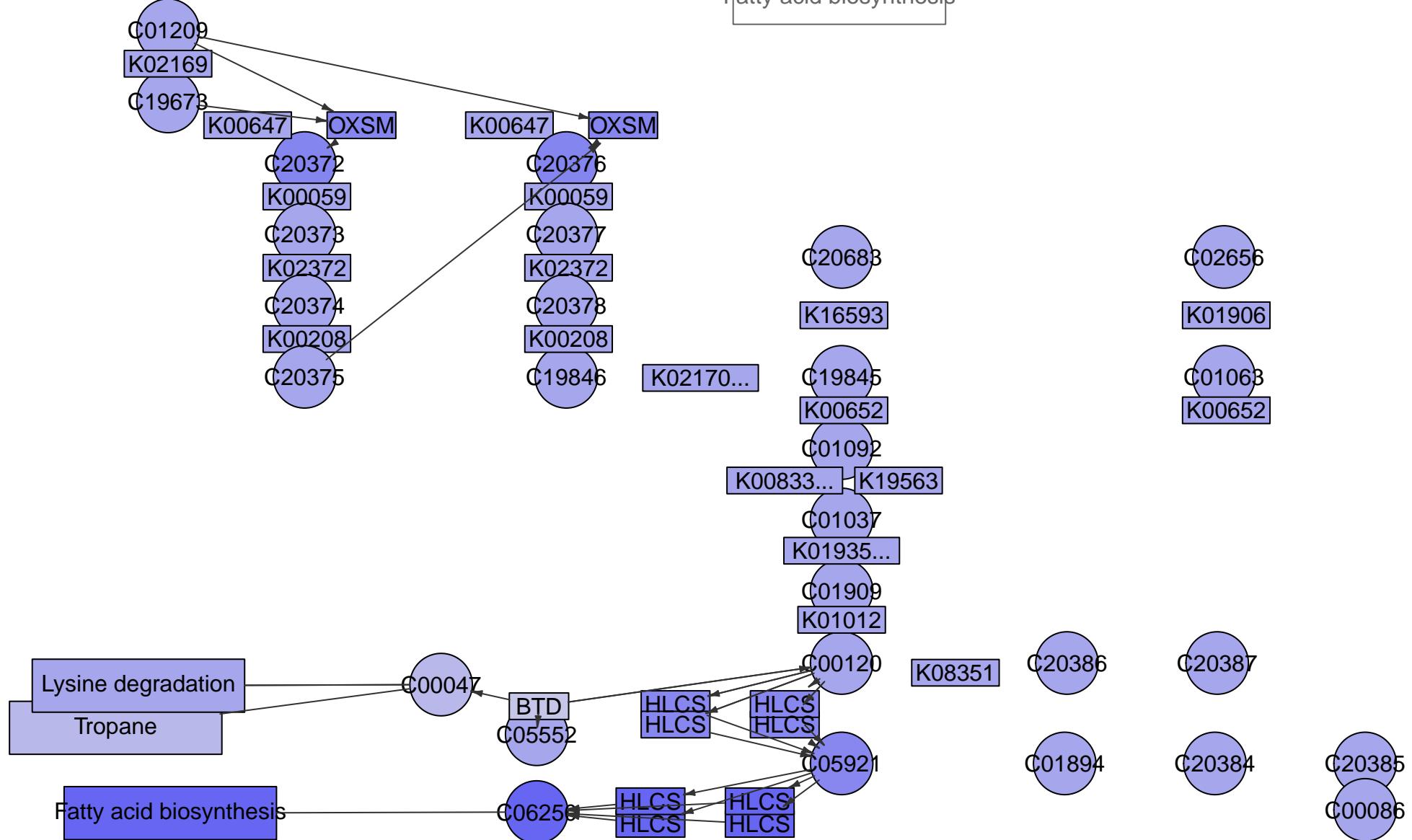
Biotin metabolism
MPI-250

Fatty acid biosynthesis



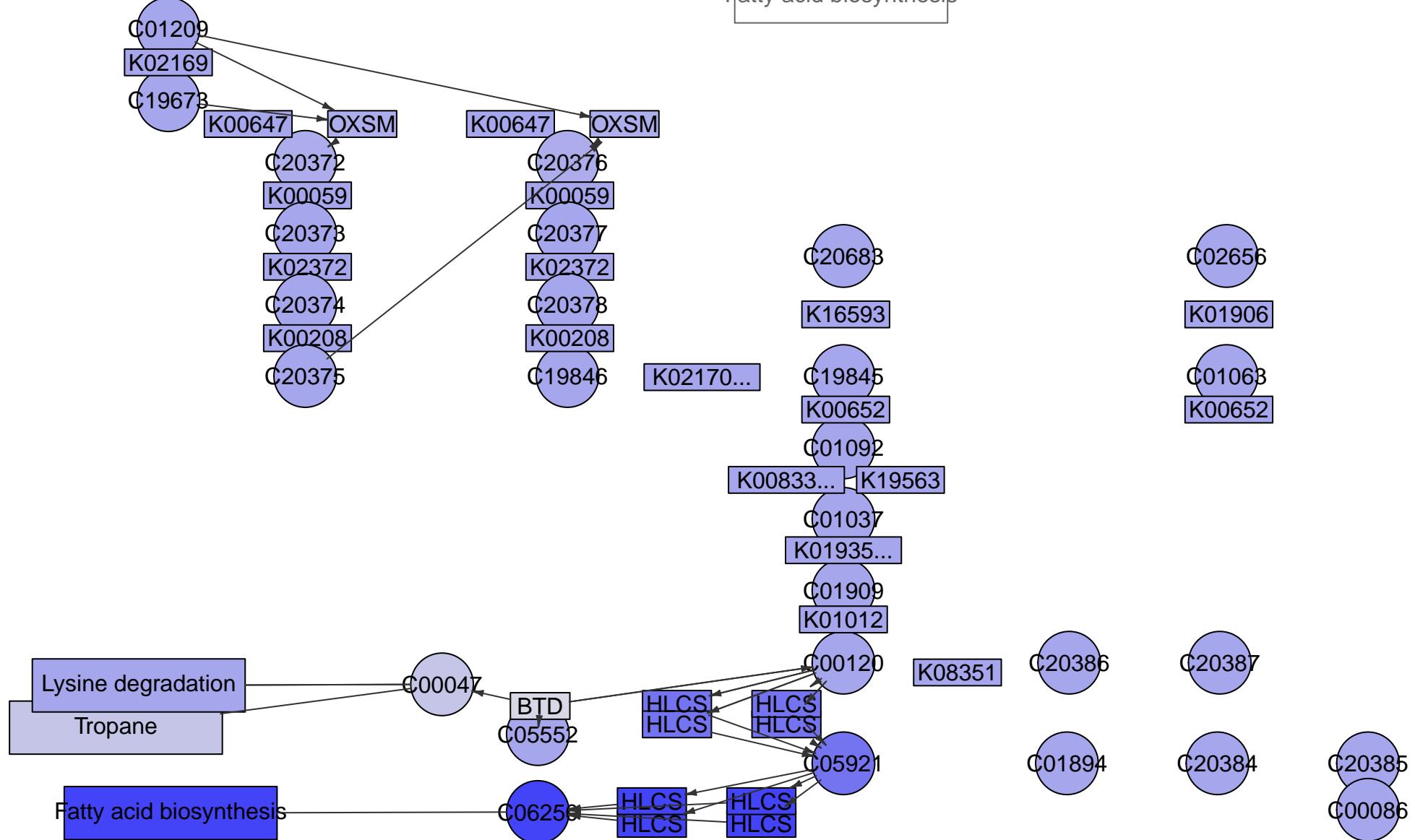
Biotin metabolism
MPI-008

Fatty acid biosynthesis



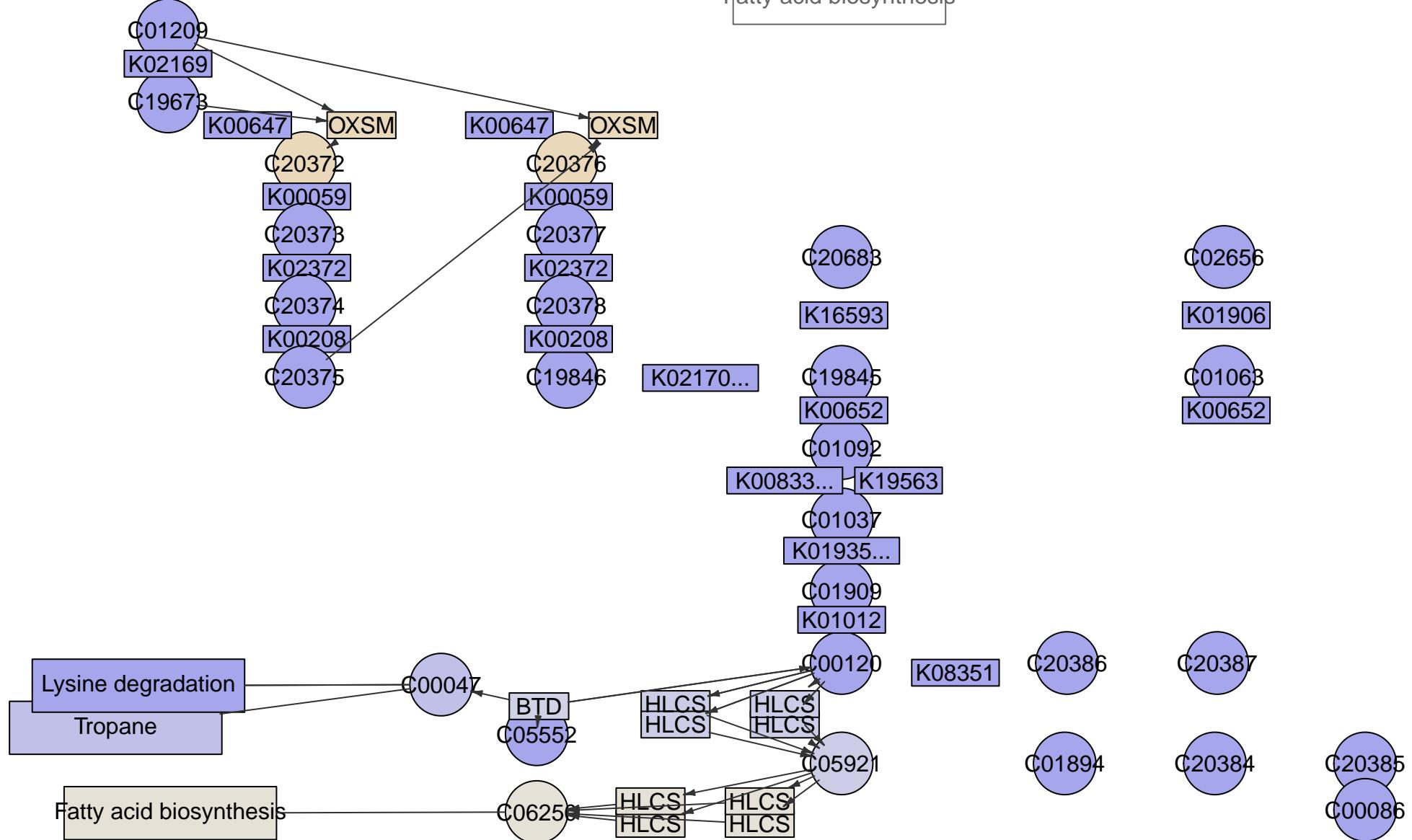
Biotin metabolism
MPI-009

Fatty acid biosynthesis



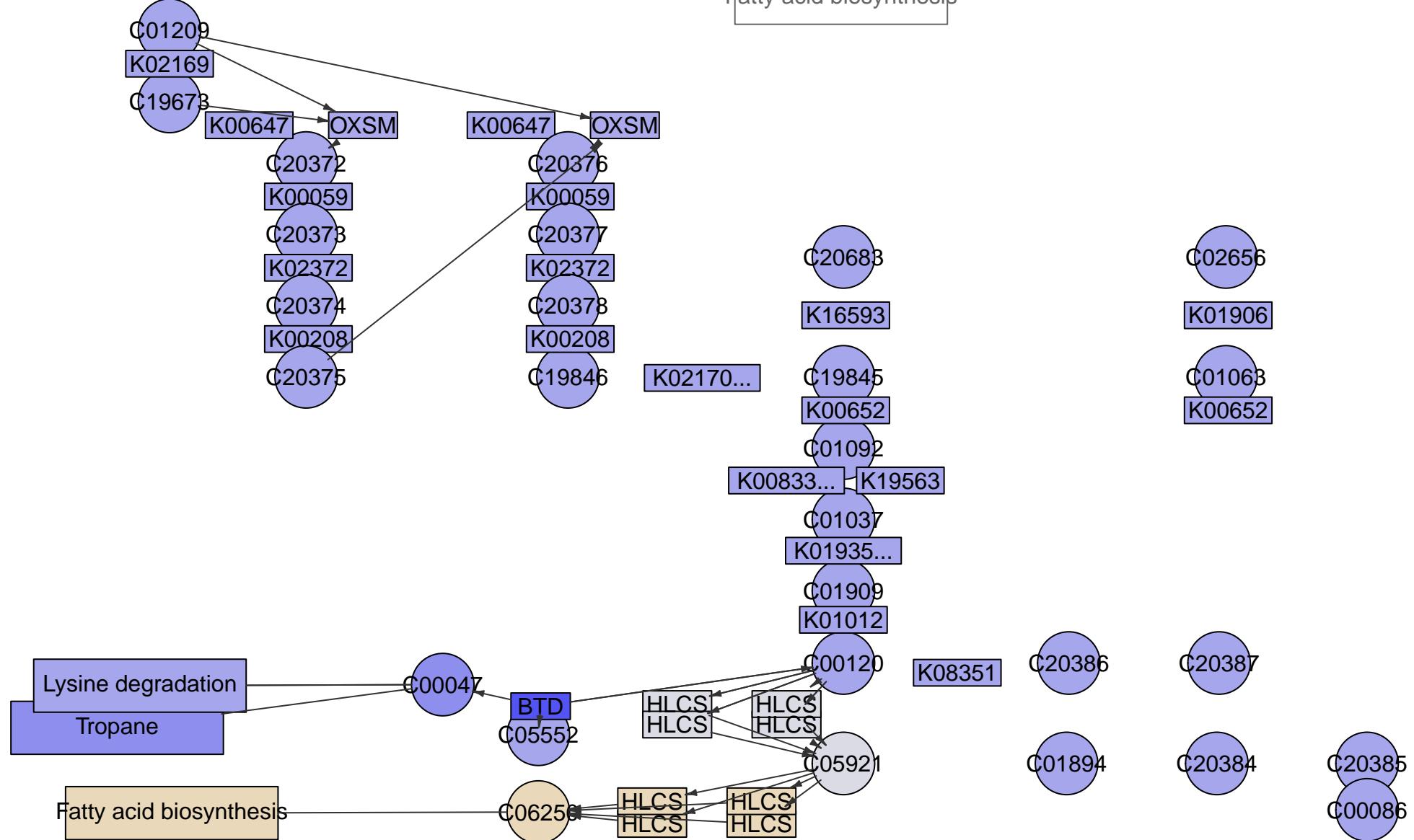
Biotin metabolism
MPI-010

Fatty acid biosynthesis



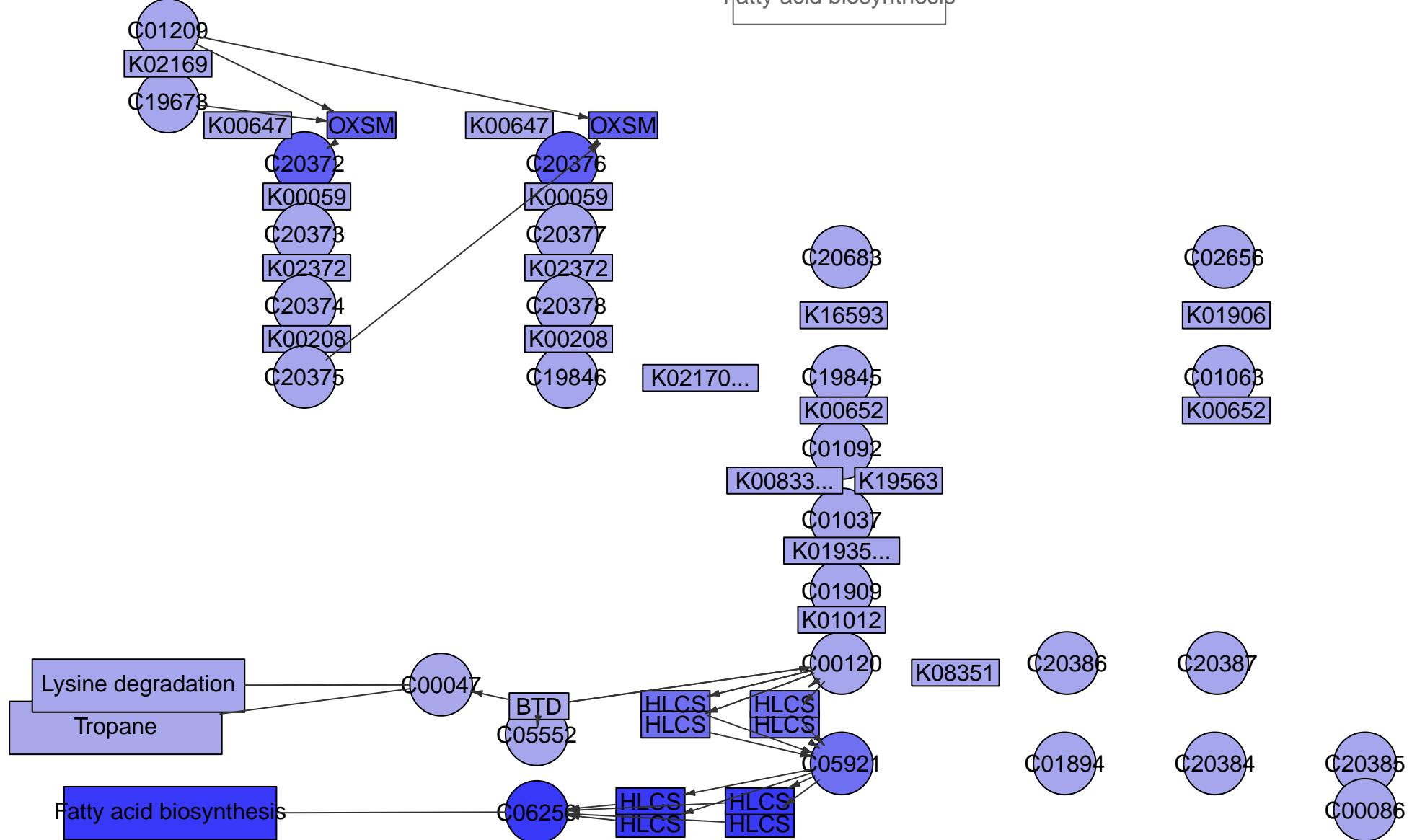
Biotin metabolism
MPI-012

Fatty acid biosynthesis



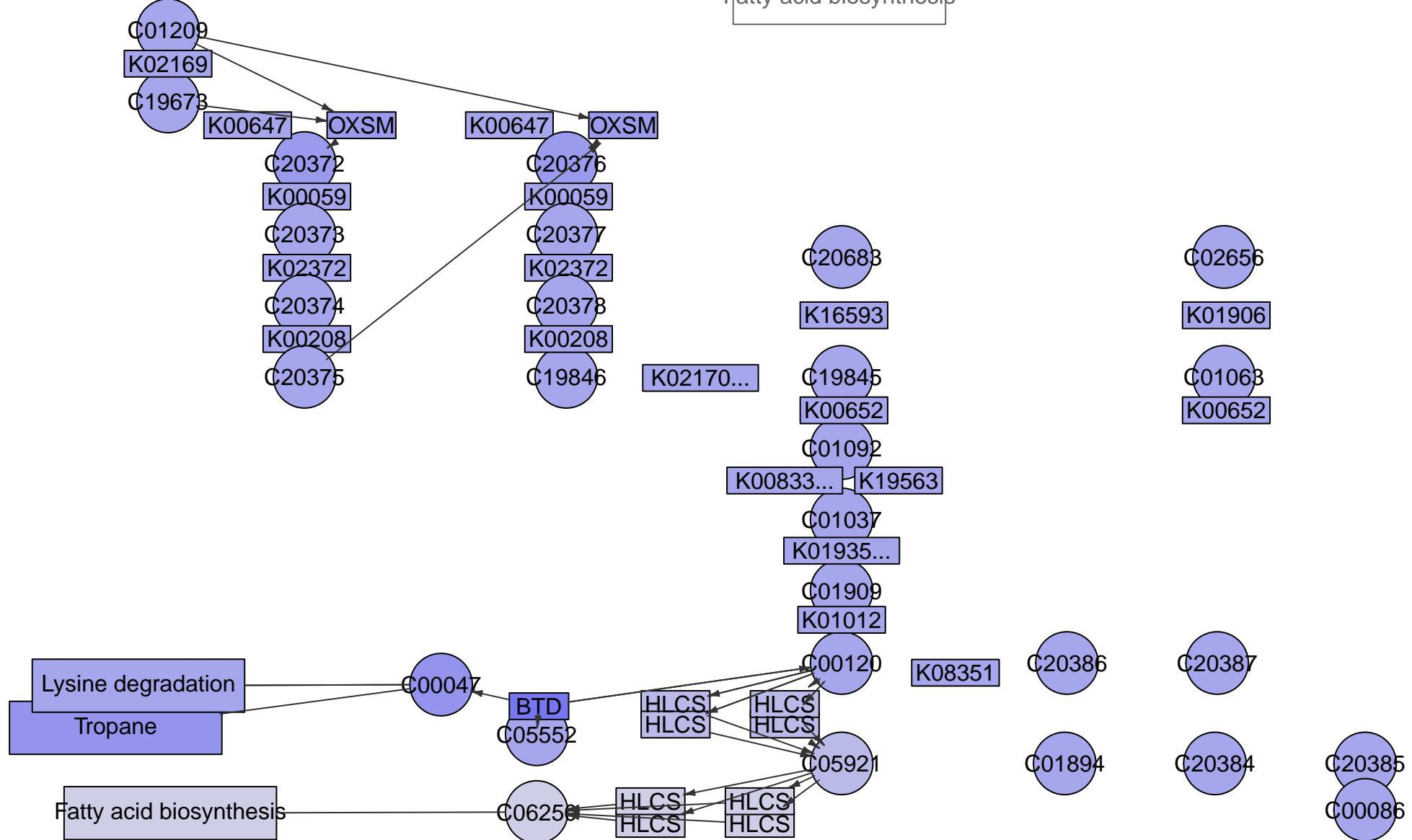
Biotin metabolism
MPI-013

Fatty acid biosynthesis



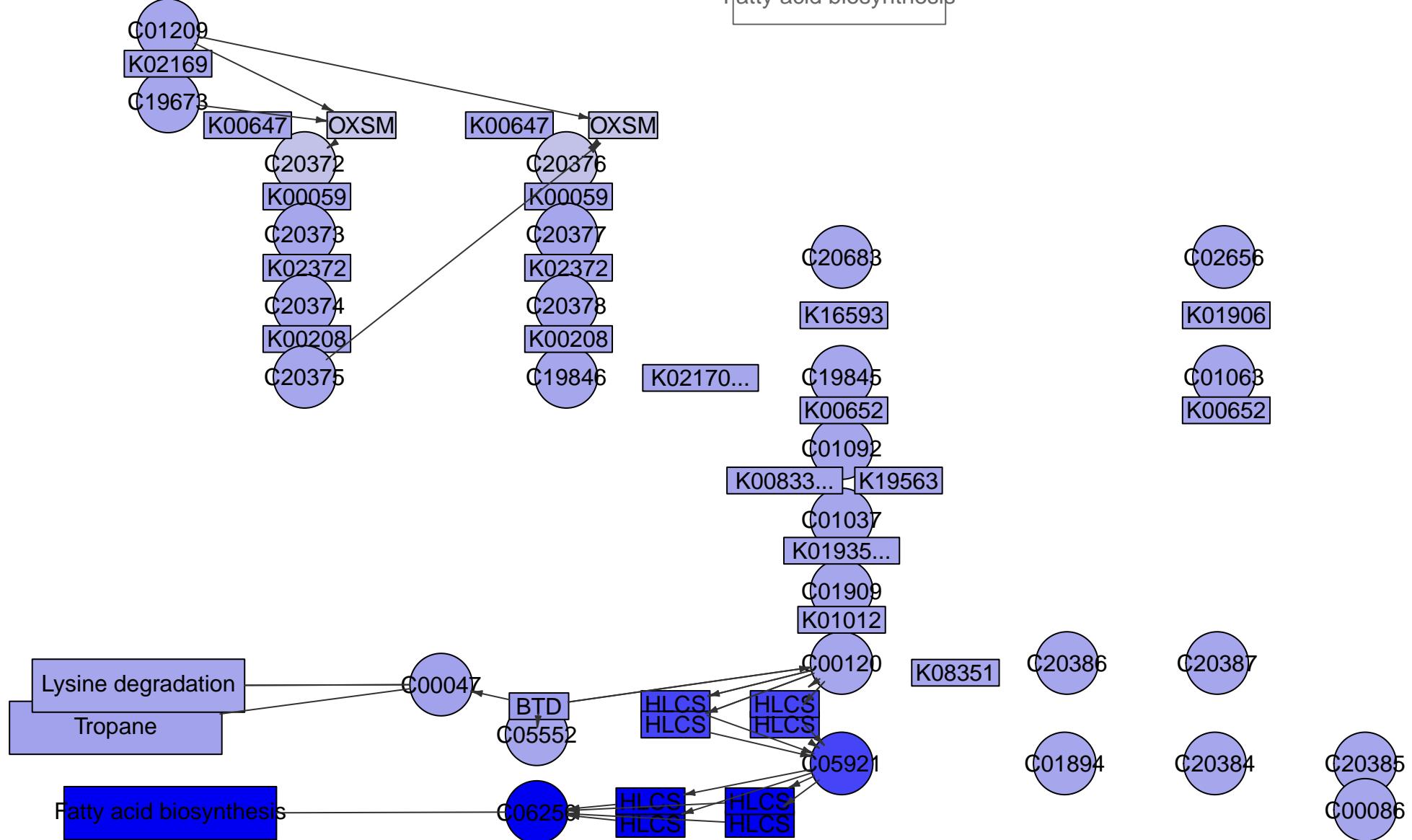
Biotin metabolism
MPI-014

Fatty acid biosynthesis



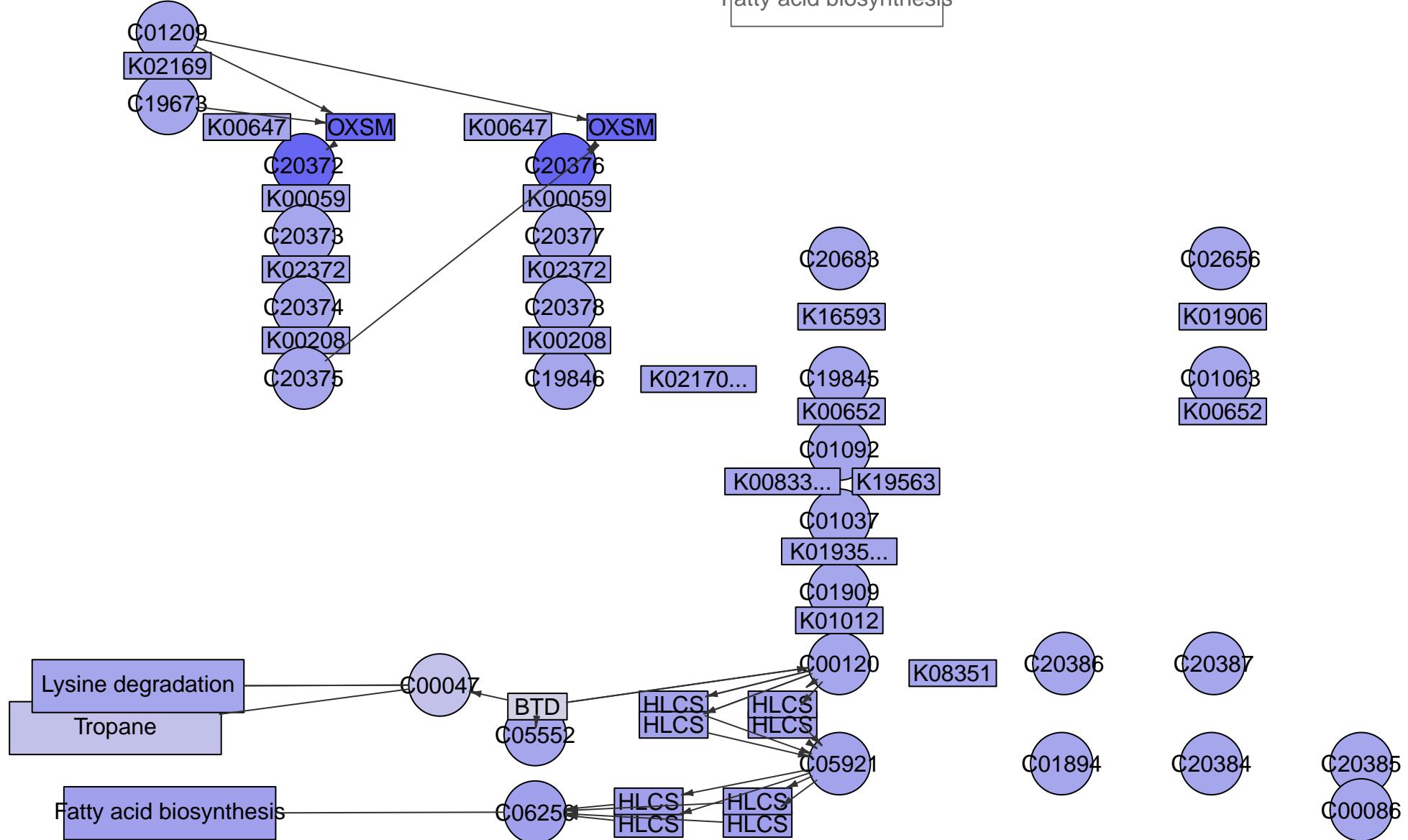
Biotin metabolism
MPI-015

Fatty acid biosynthesis



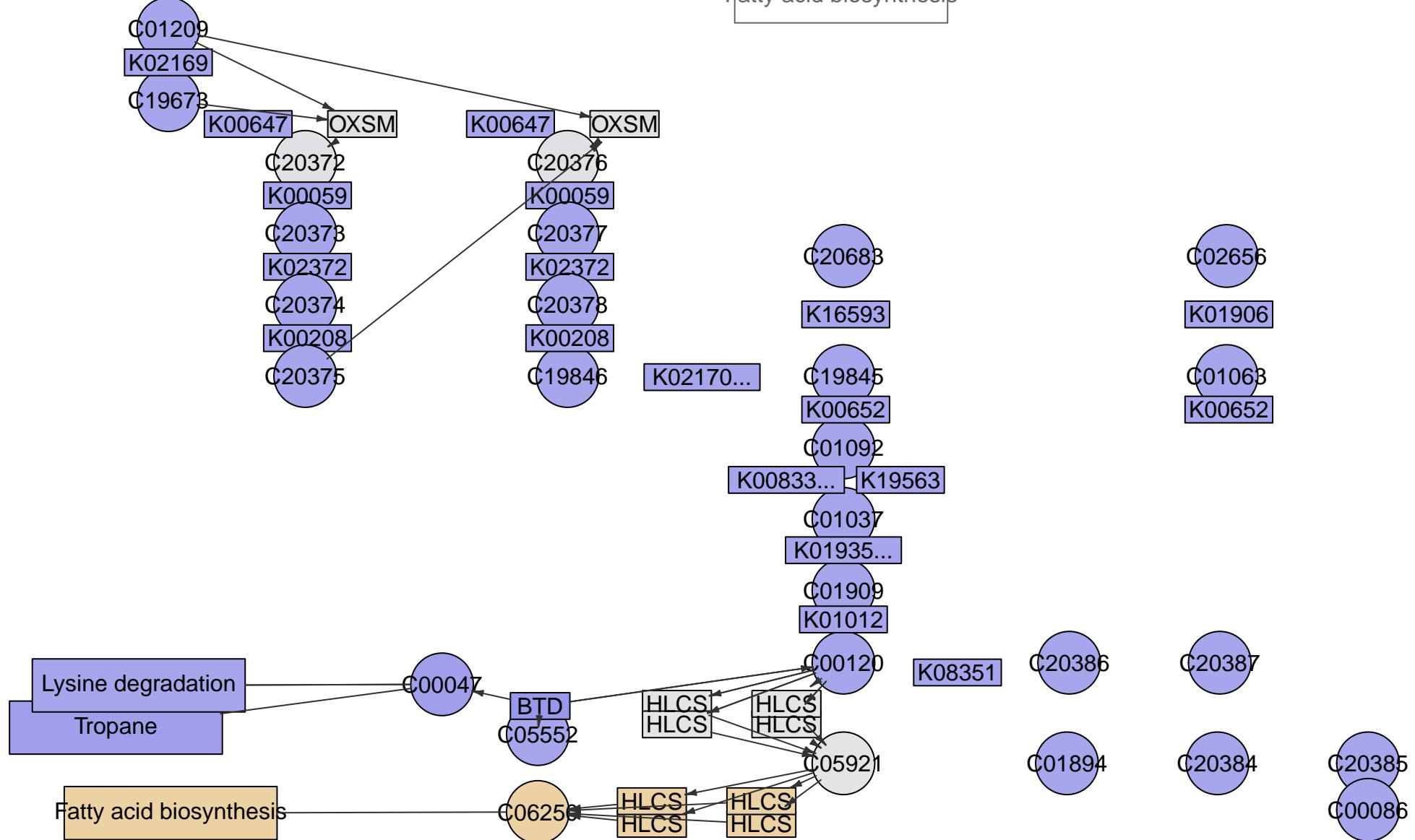
Biotin metabolism
MPI-021

Fatty acid biosynthesis



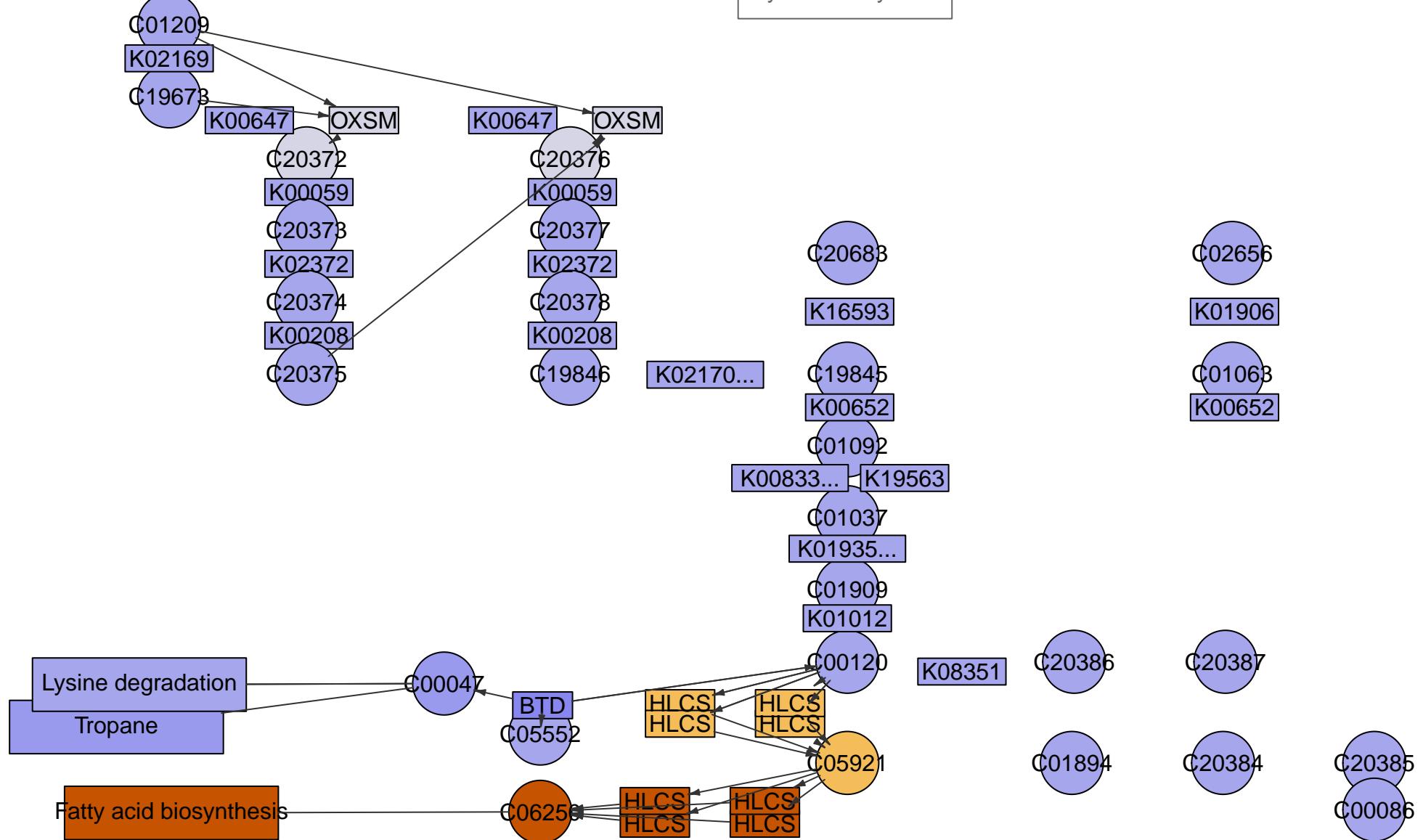
Biotin metabolism
MPI-022

Fatty acid biosynthesis



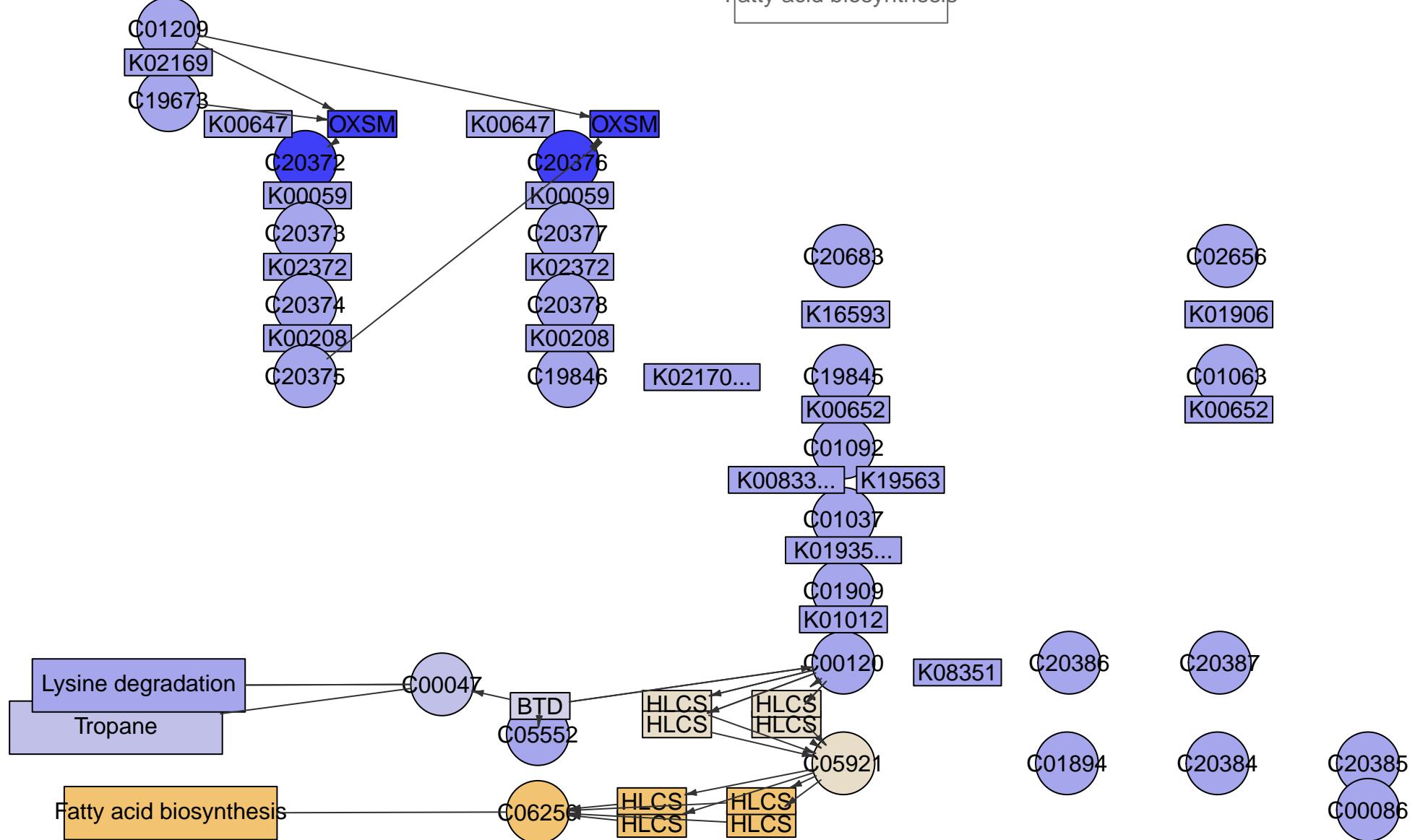
Biotin metabolism
MPI-025

Fatty acid biosynthesis



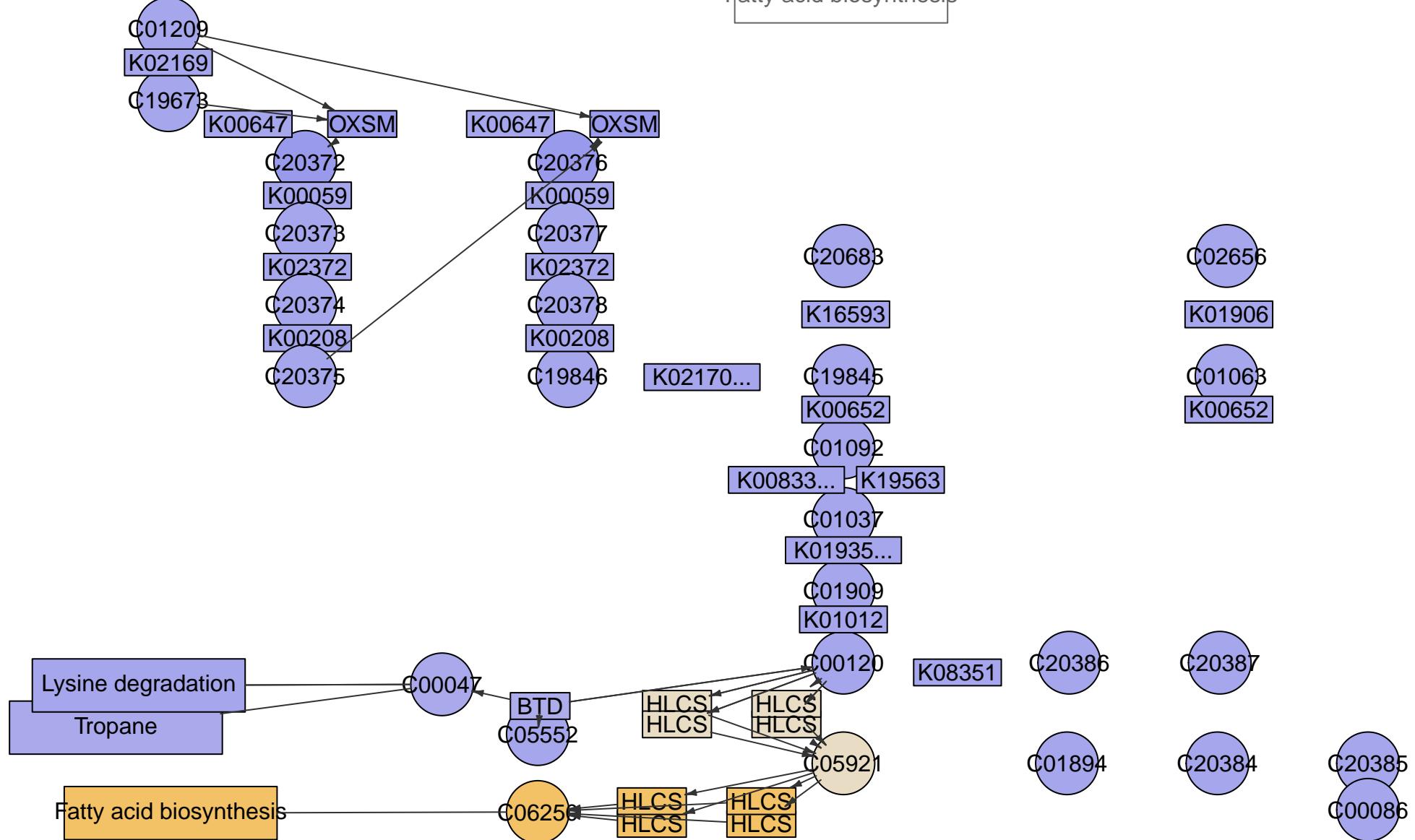
Biotin metabolism
MPI-029

Fatty acid biosynthesis



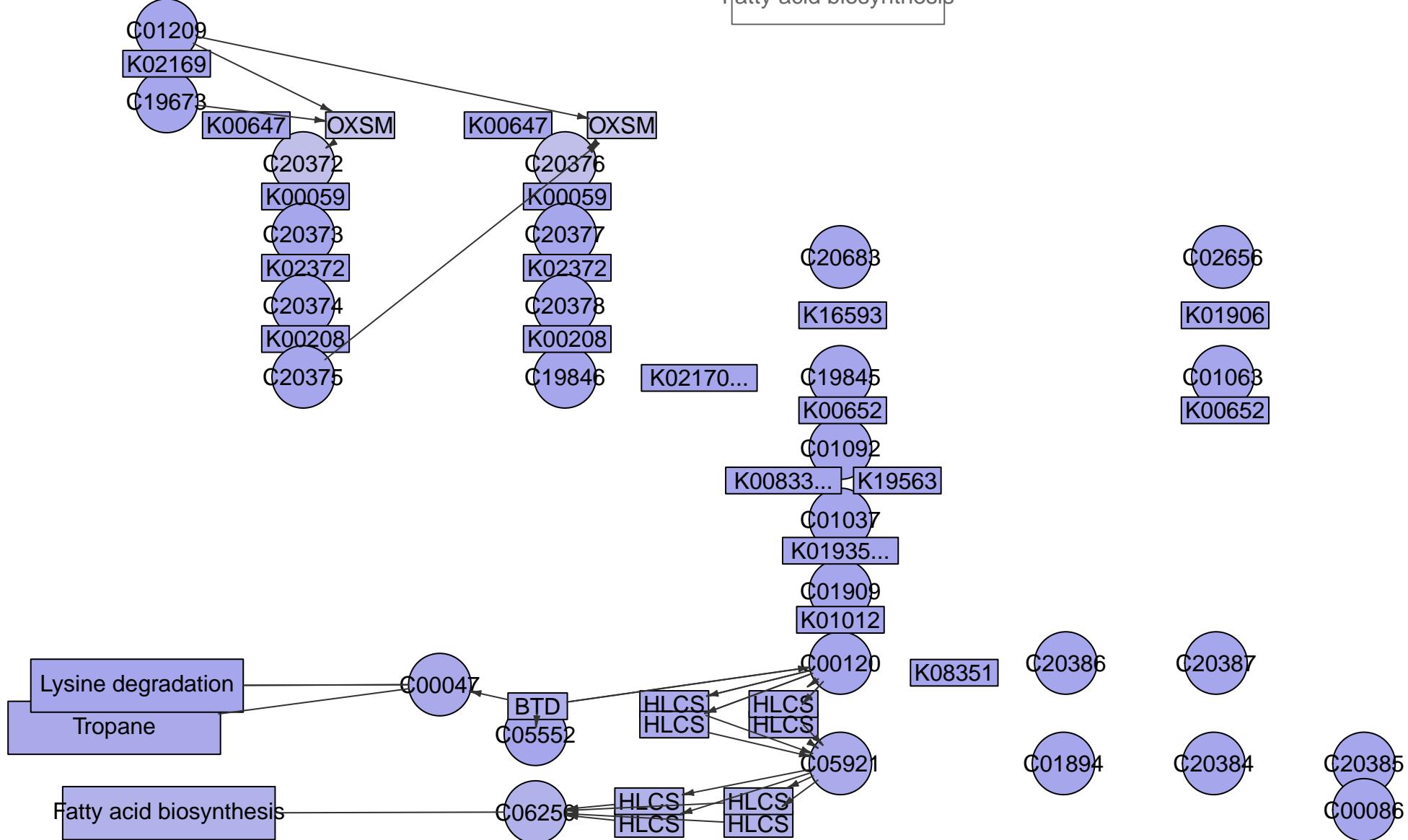
Biotin metabolism
MPI-030

Fatty acid biosynthesis



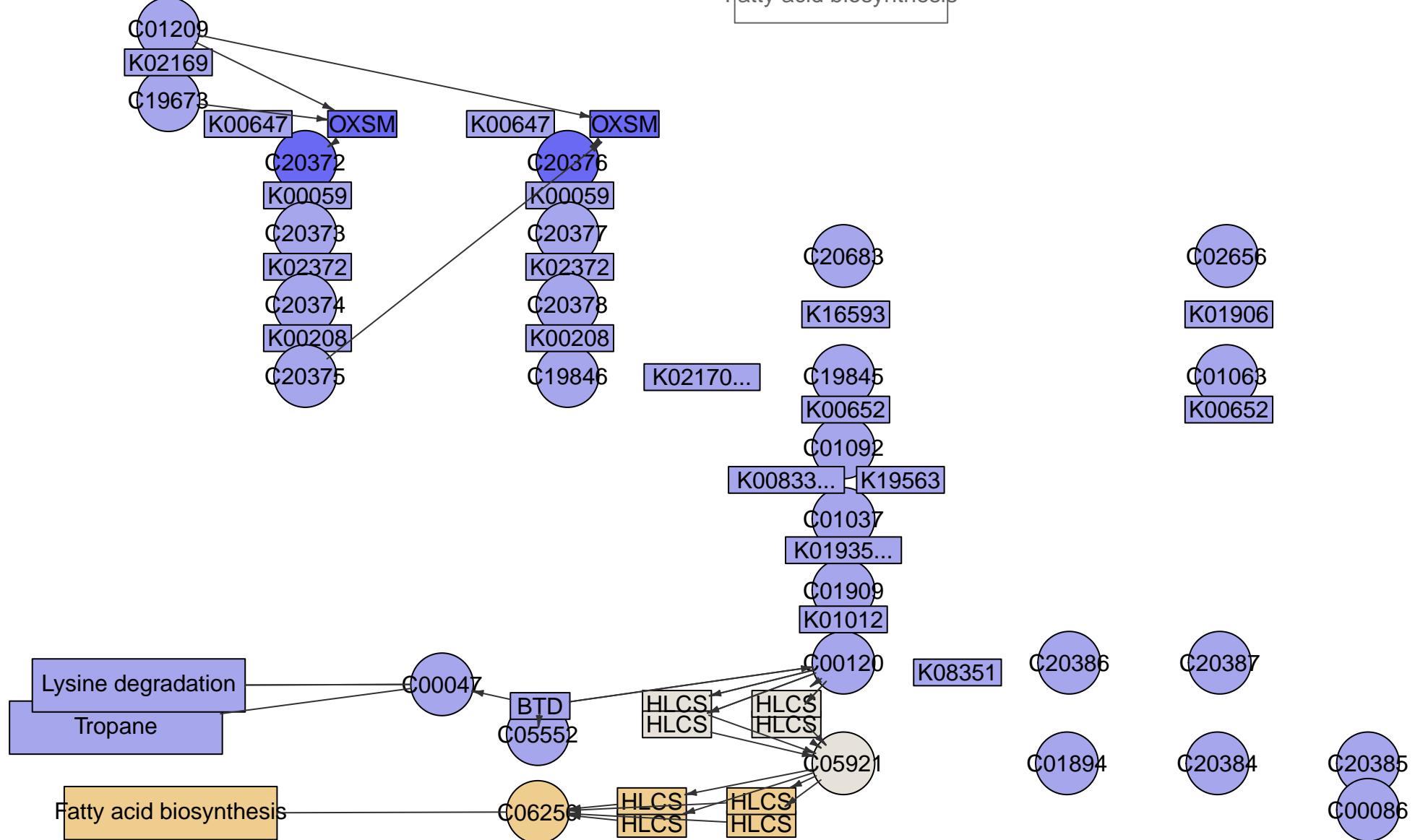
Biotin metabolism
MPI-031

Fatty acid biosynthesis



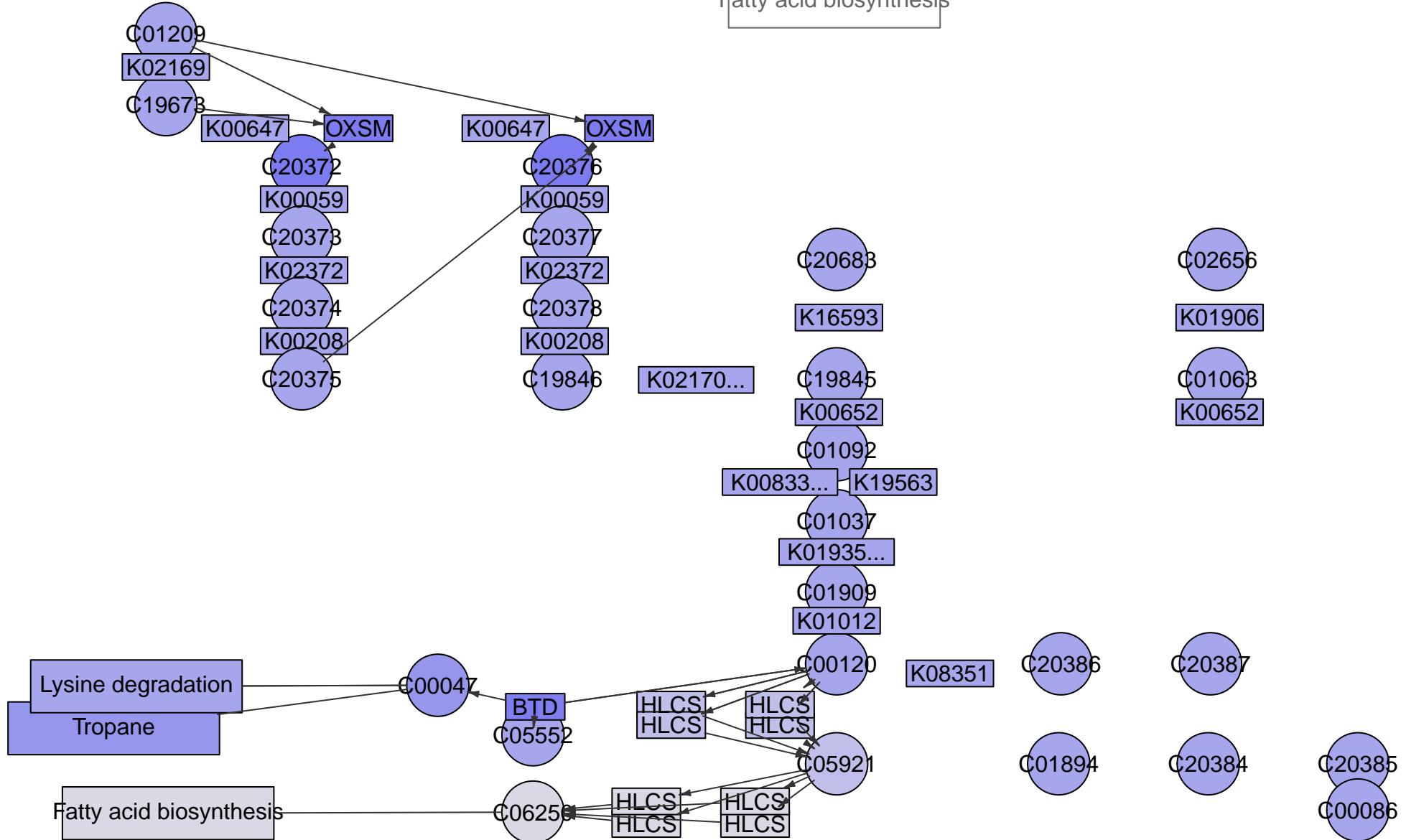
Biotin metabolism
MPI-039

Fatty acid biosynthesis



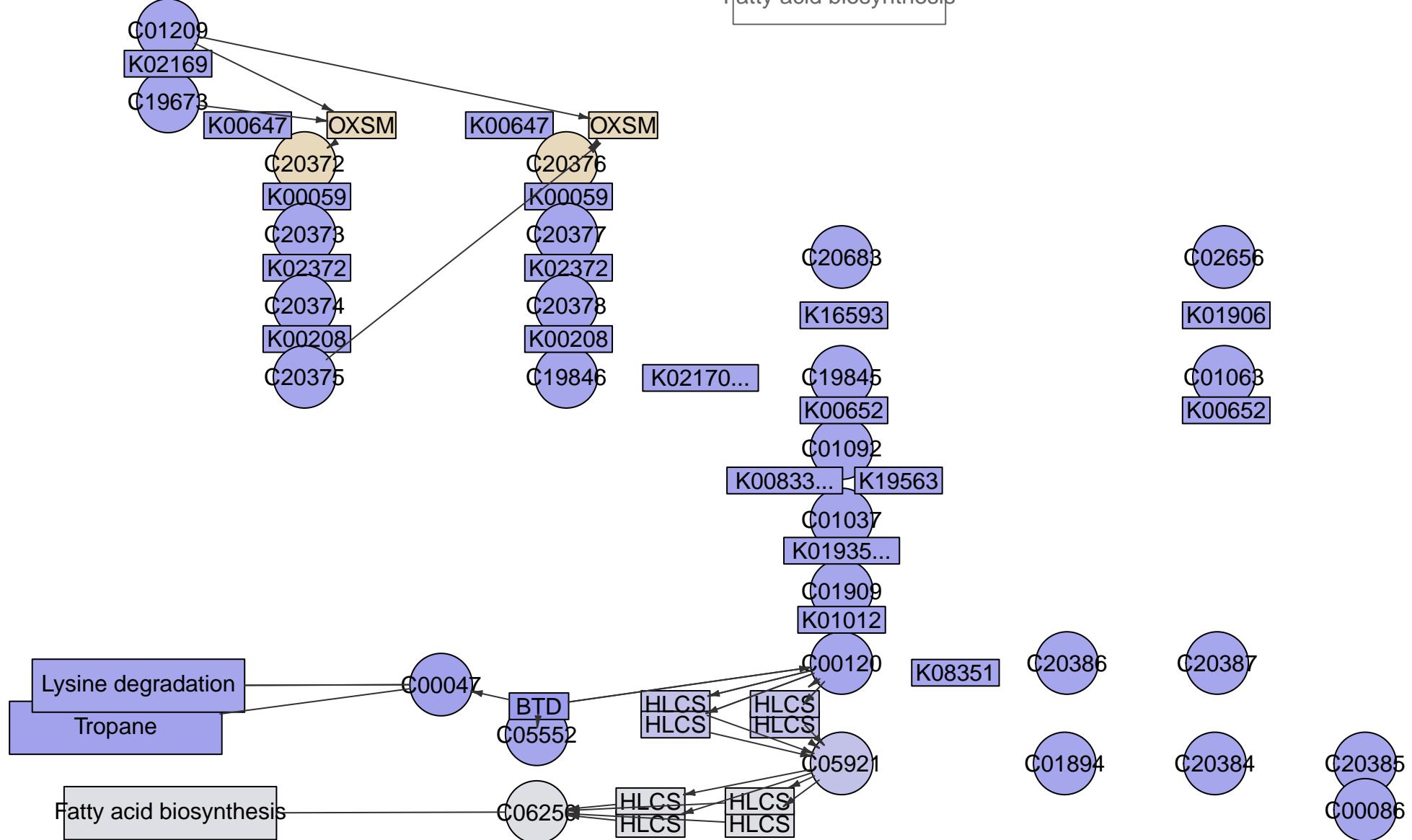
Biotin metabolism
MPI-040

Fatty acid biosynthesis



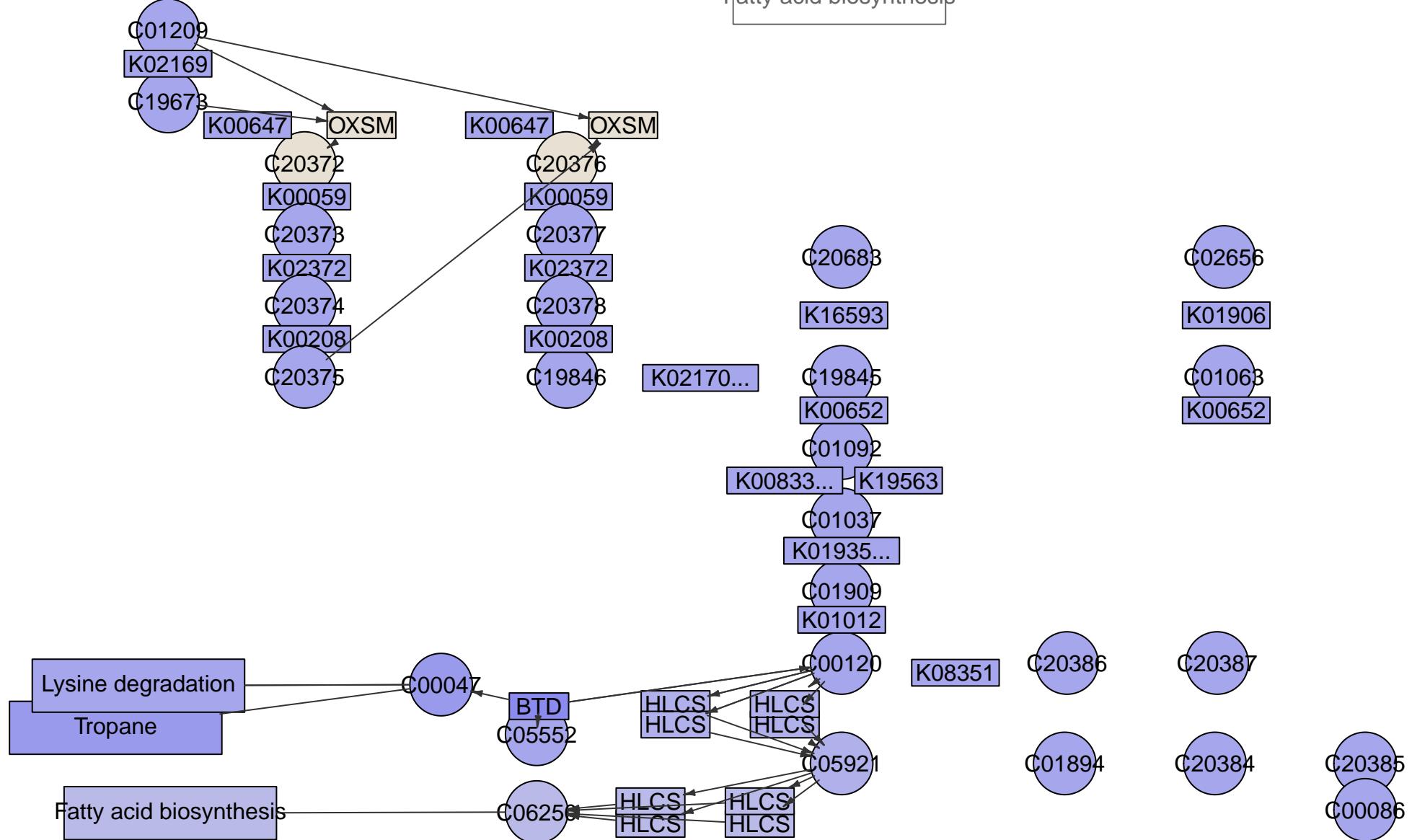
Biotin metabolism
MPI-045

Fatty acid biosynthesis



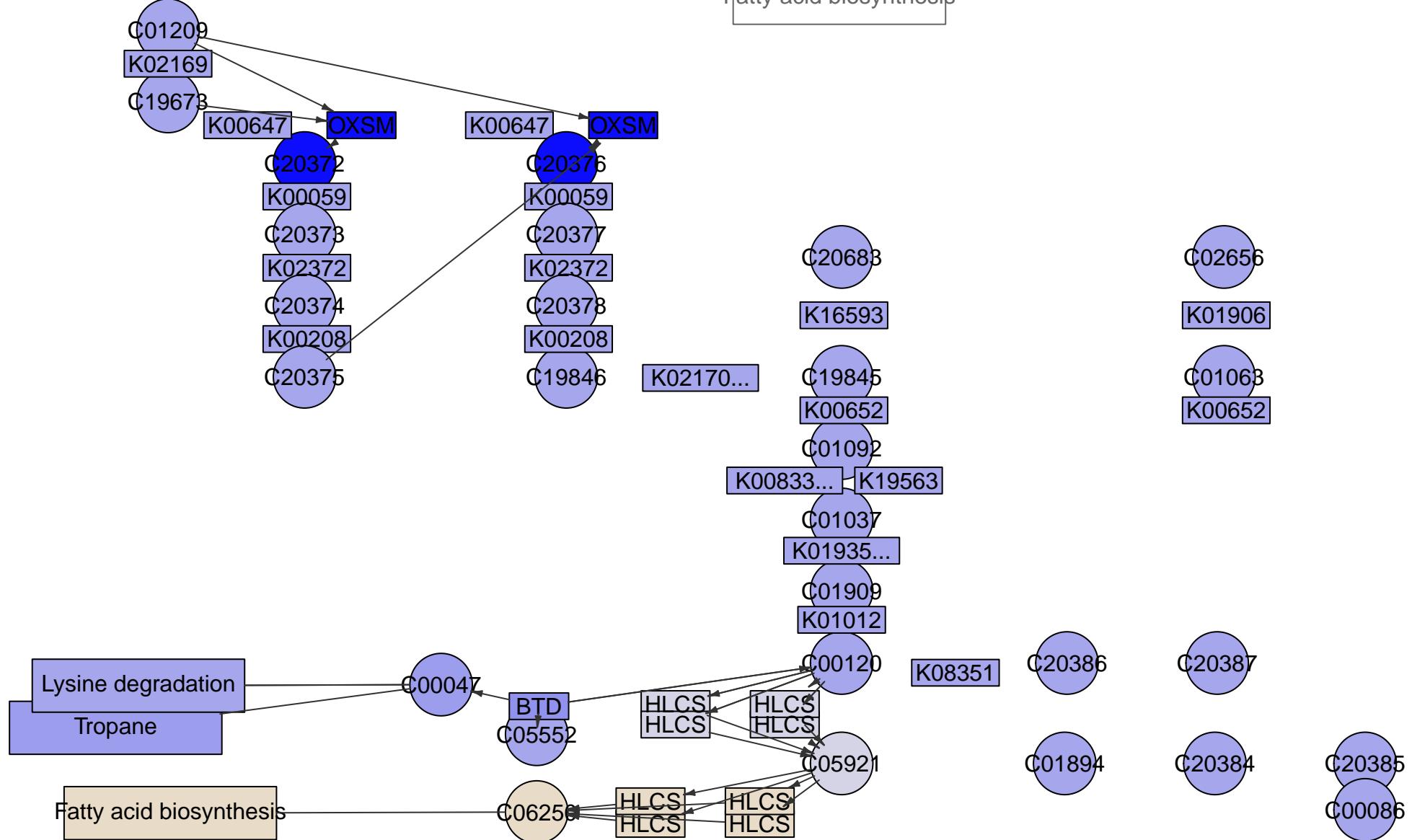
Biotin metabolism
MPI-047

Fatty acid biosynthesis



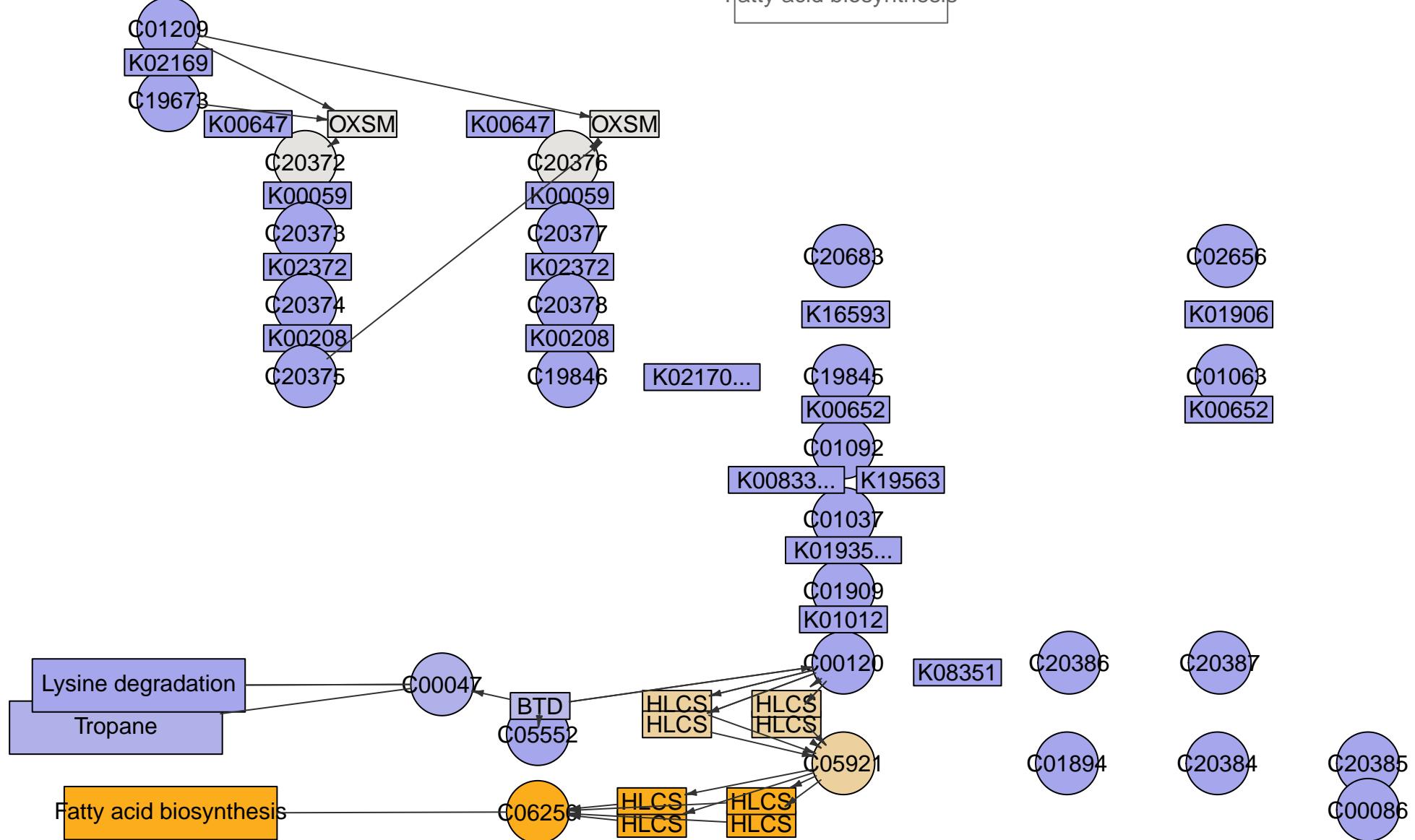
Biotin metabolism
MPI-053

Fatty acid biosynthesis



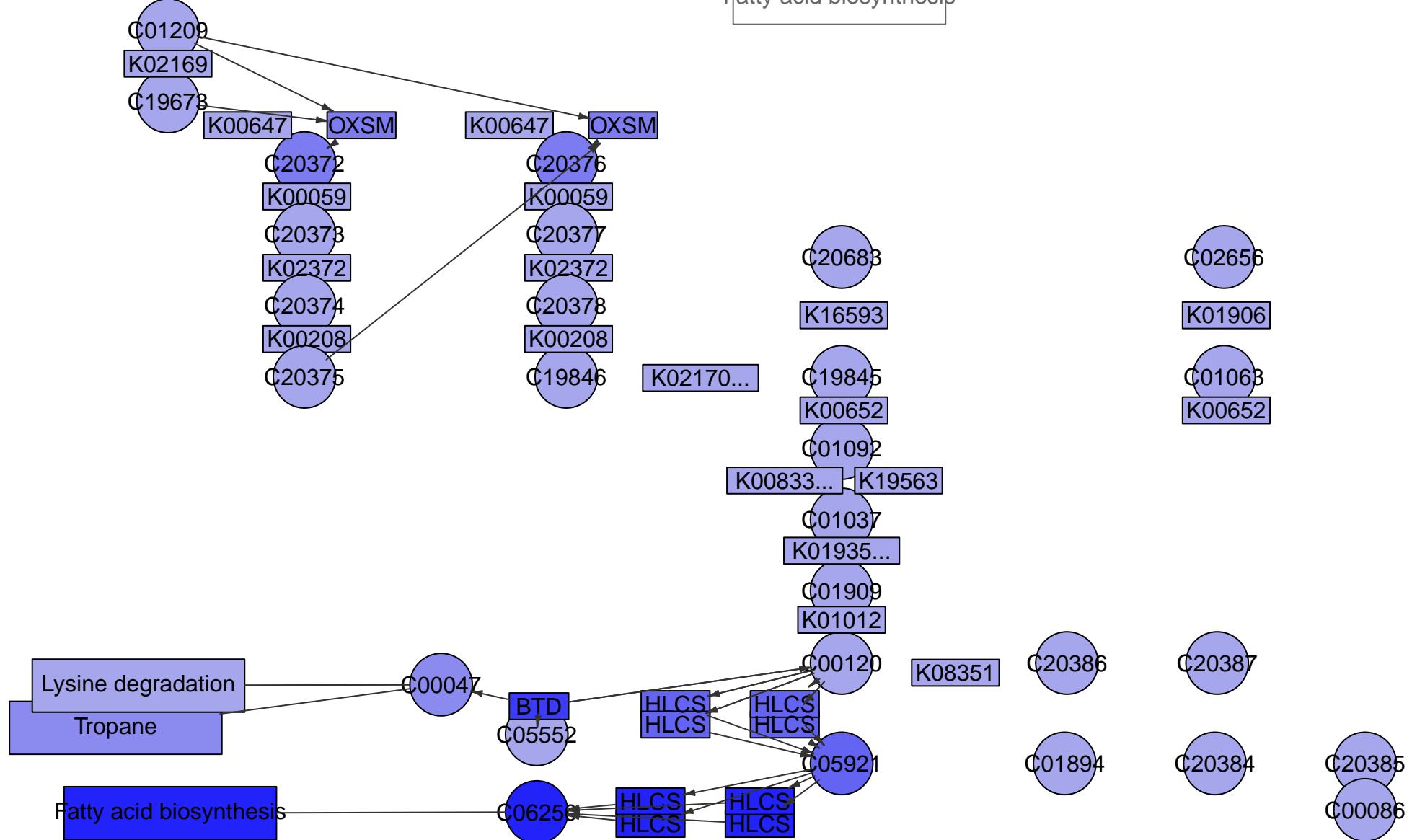
Biotin metabolism
MPI-062

Fatty acid biosynthesis



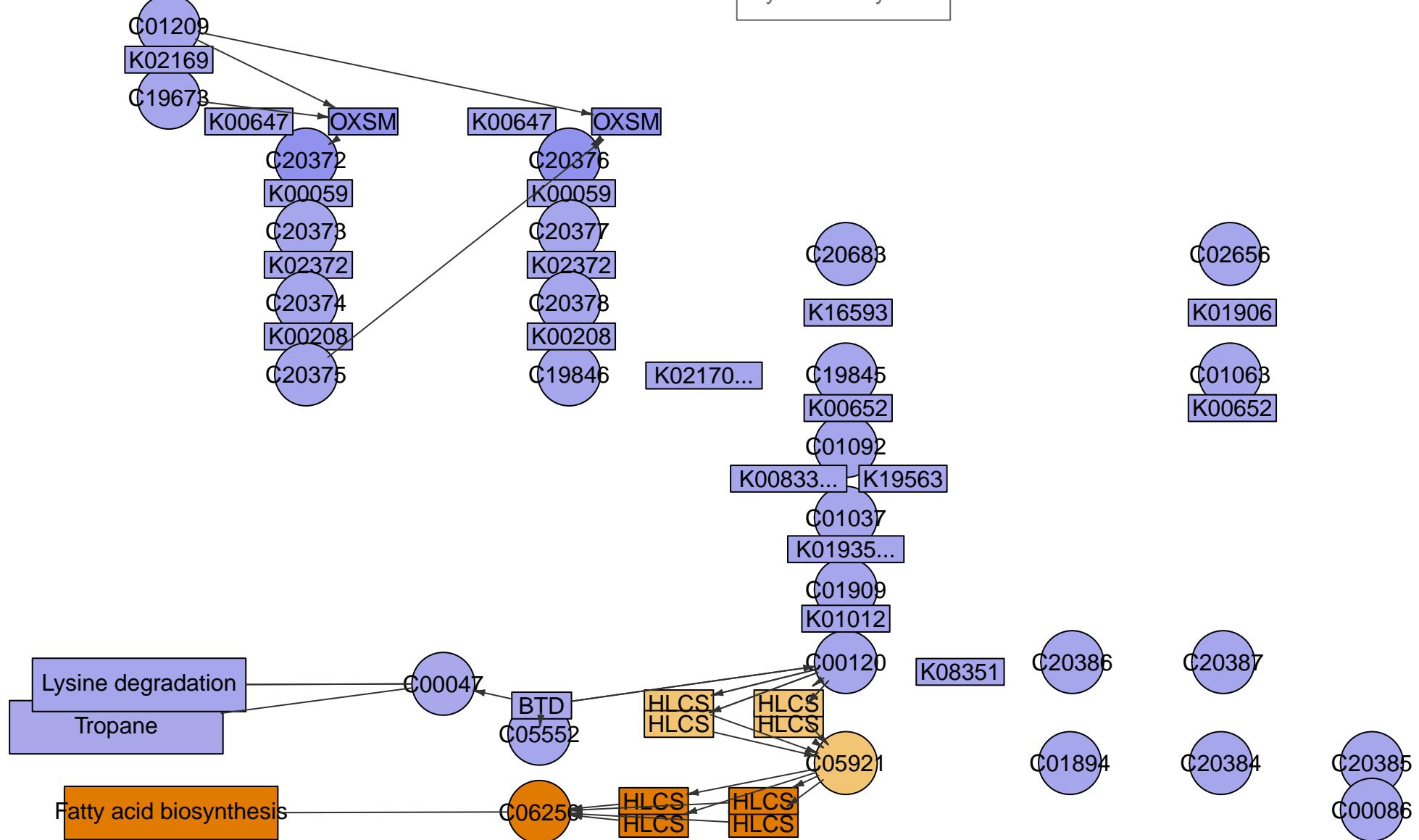
Biotin metabolism
MPI-063

Fatty acid biosynthesis



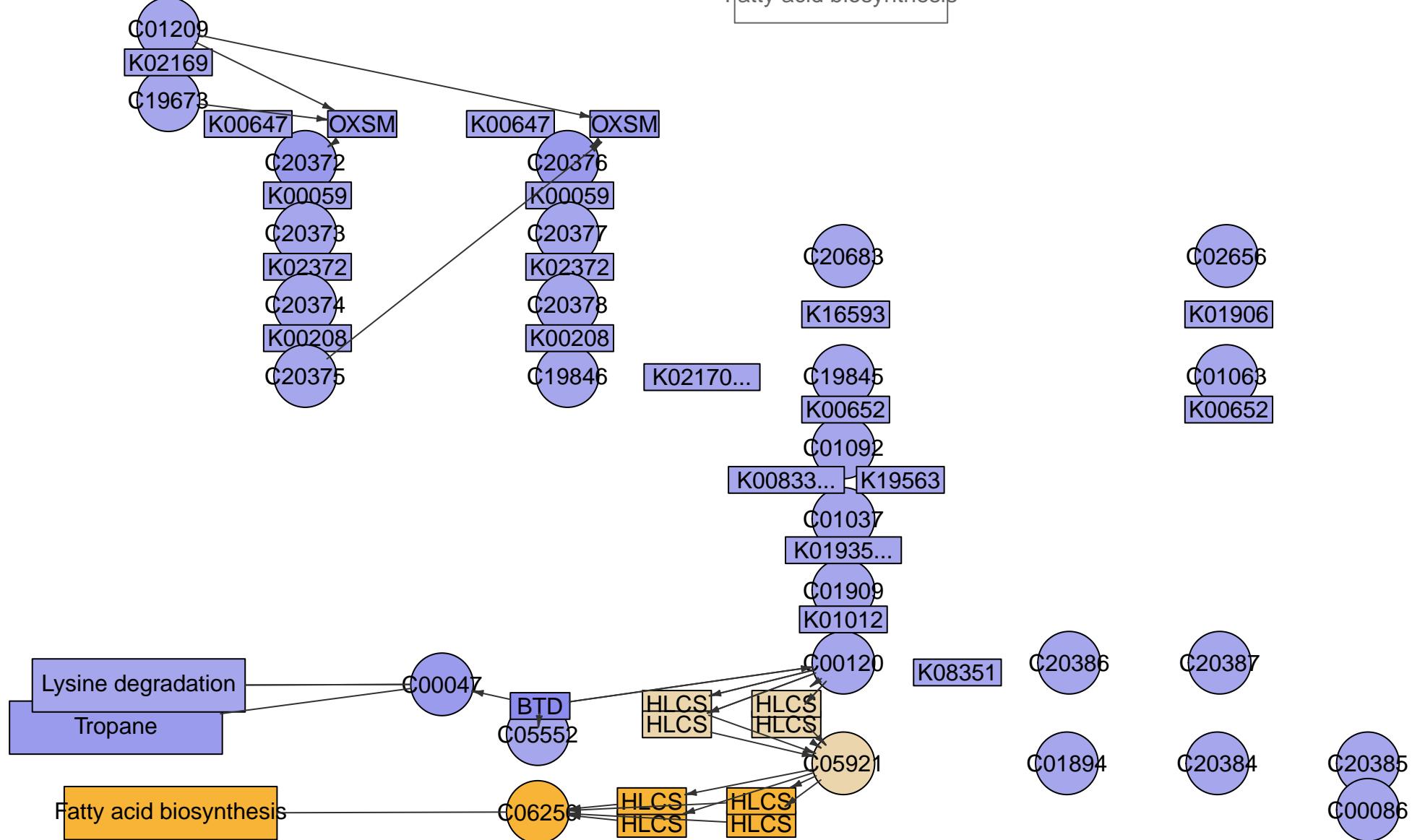
Biotin metabolism
MPI-069

Fatty acid biosynthesis



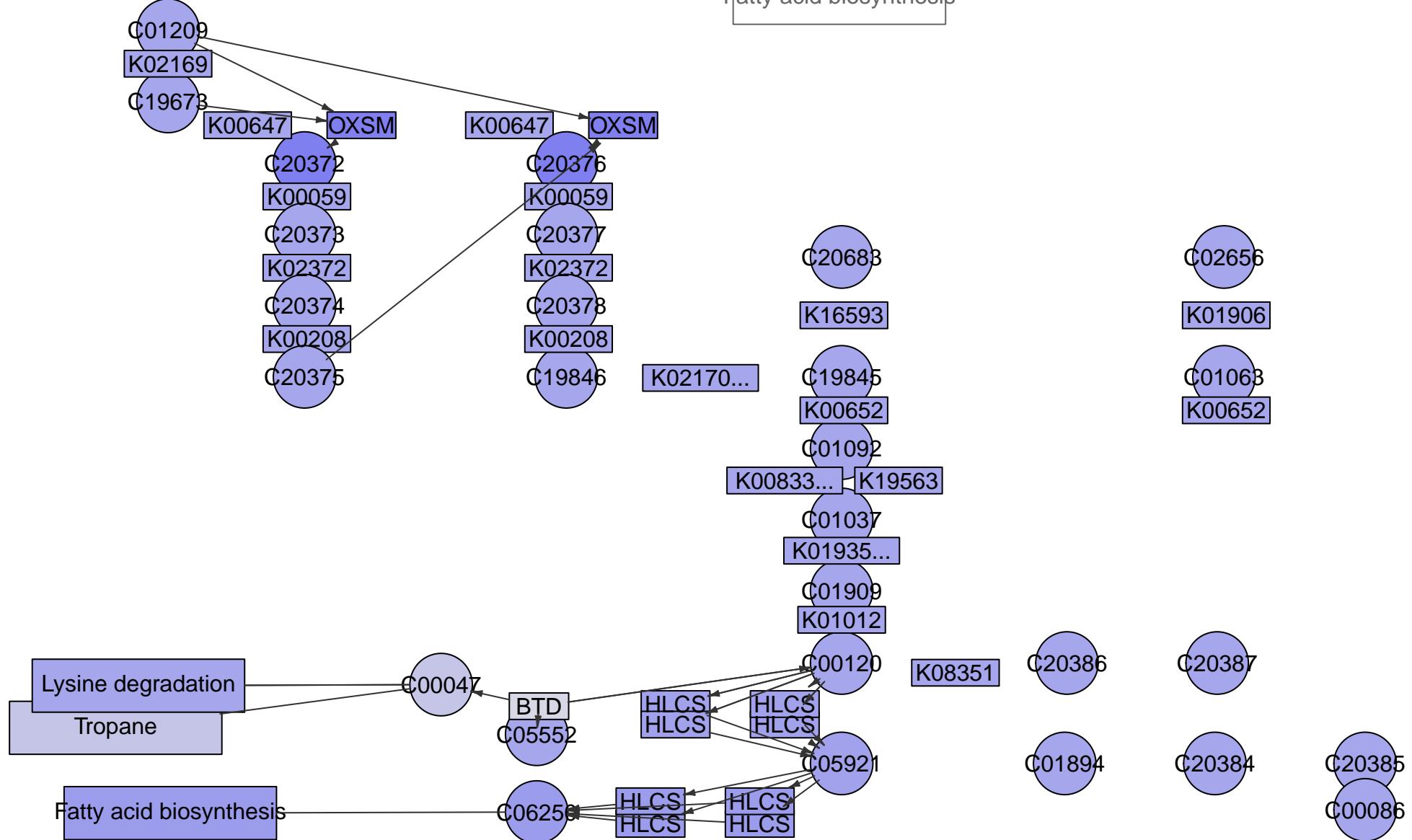
Biotin metabolism
MPI-073

Fatty acid biosynthesis



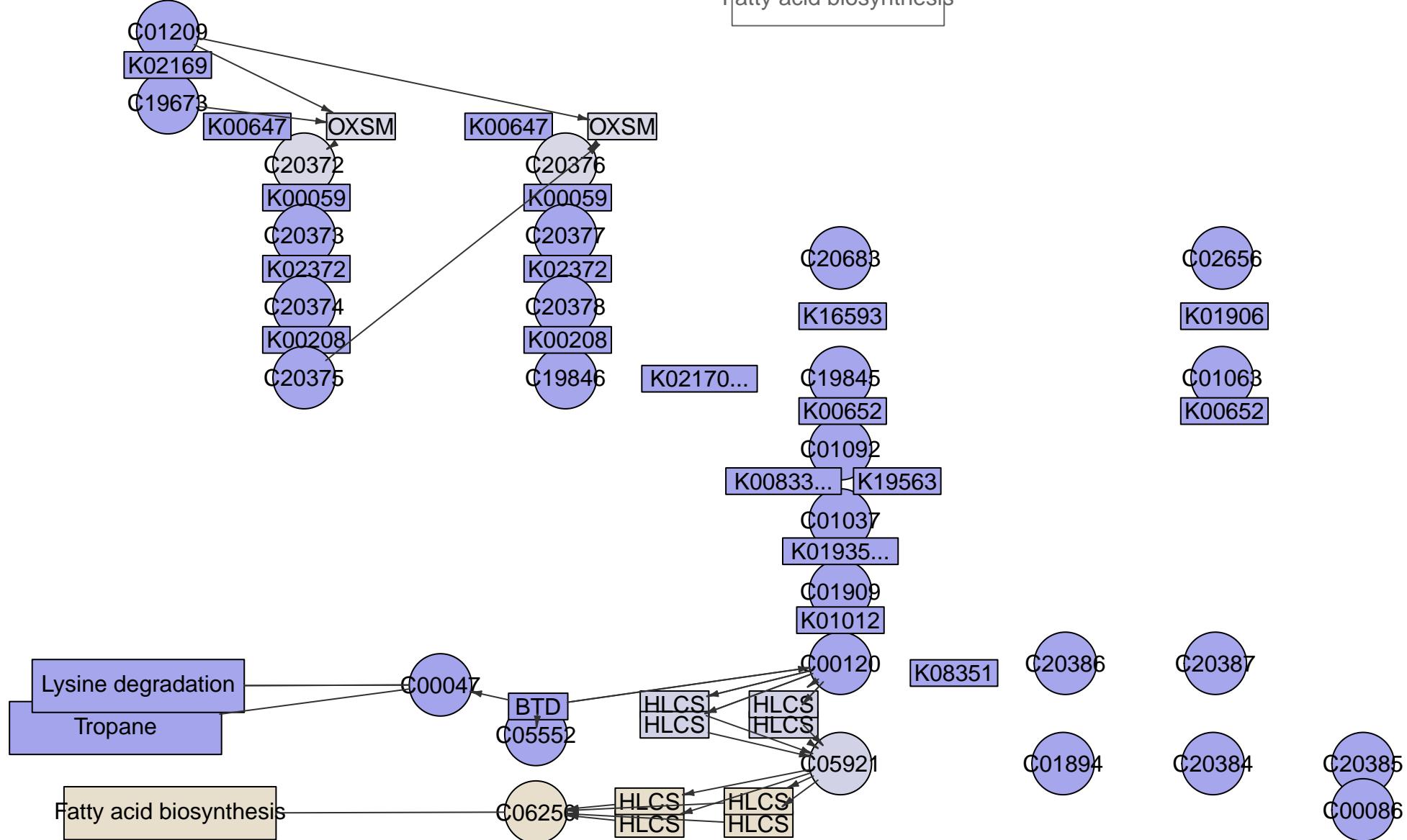
Biotin metabolism
MPI-074

Fatty acid biosynthesis



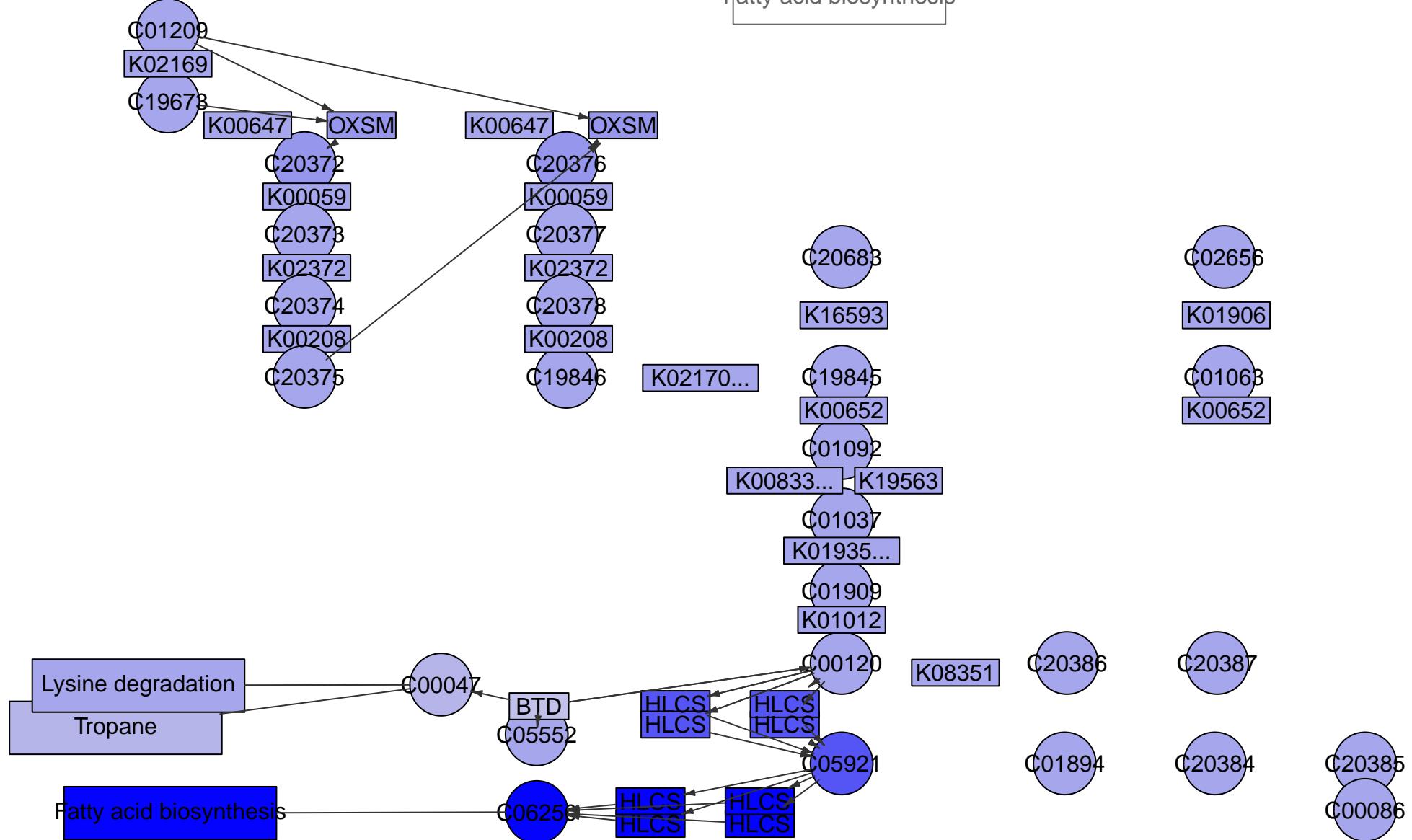
Biotin metabolism
MPI-076

Fatty acid biosynthesis



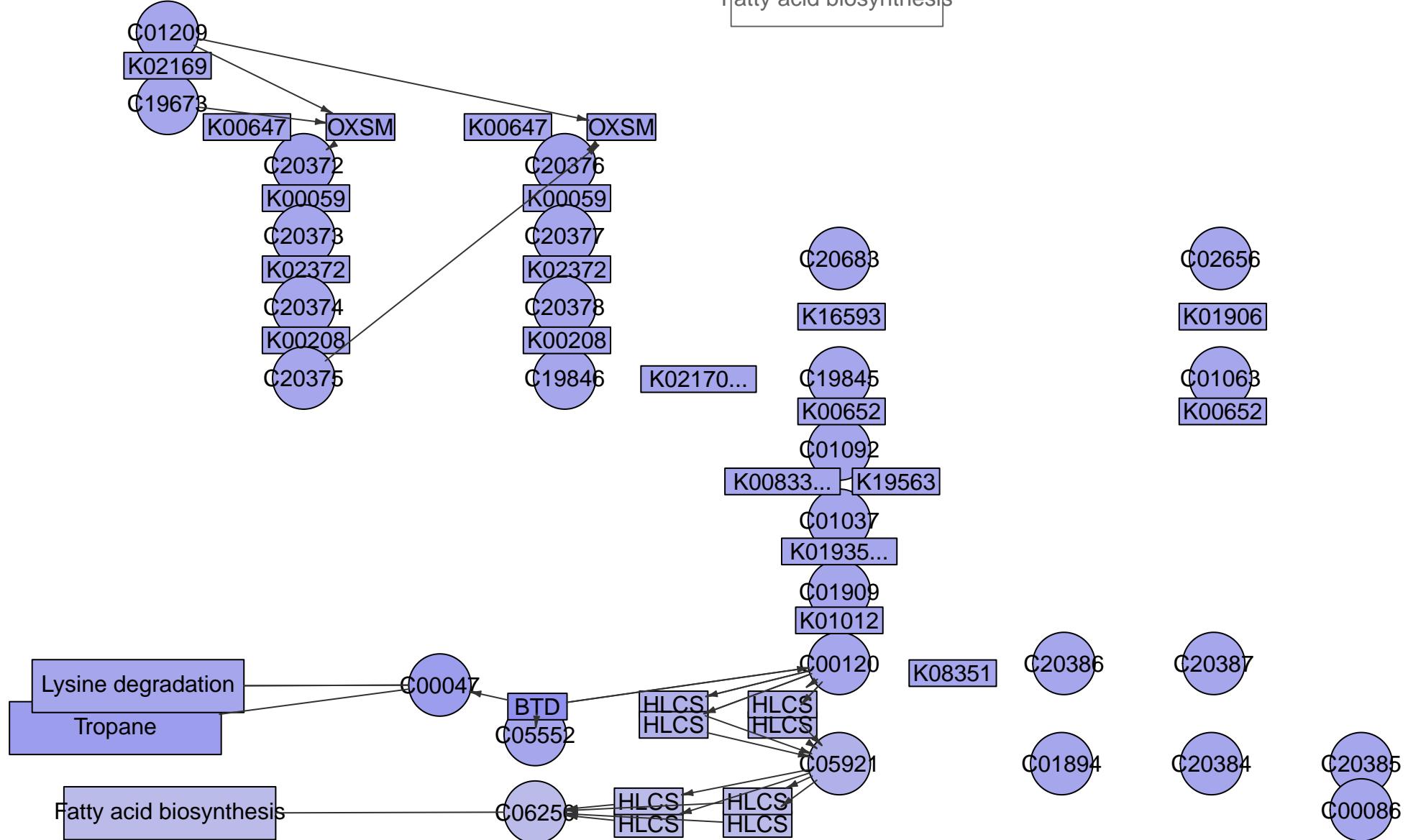
Biotin metabolism
MPI-083

Fatty acid biosynthesis



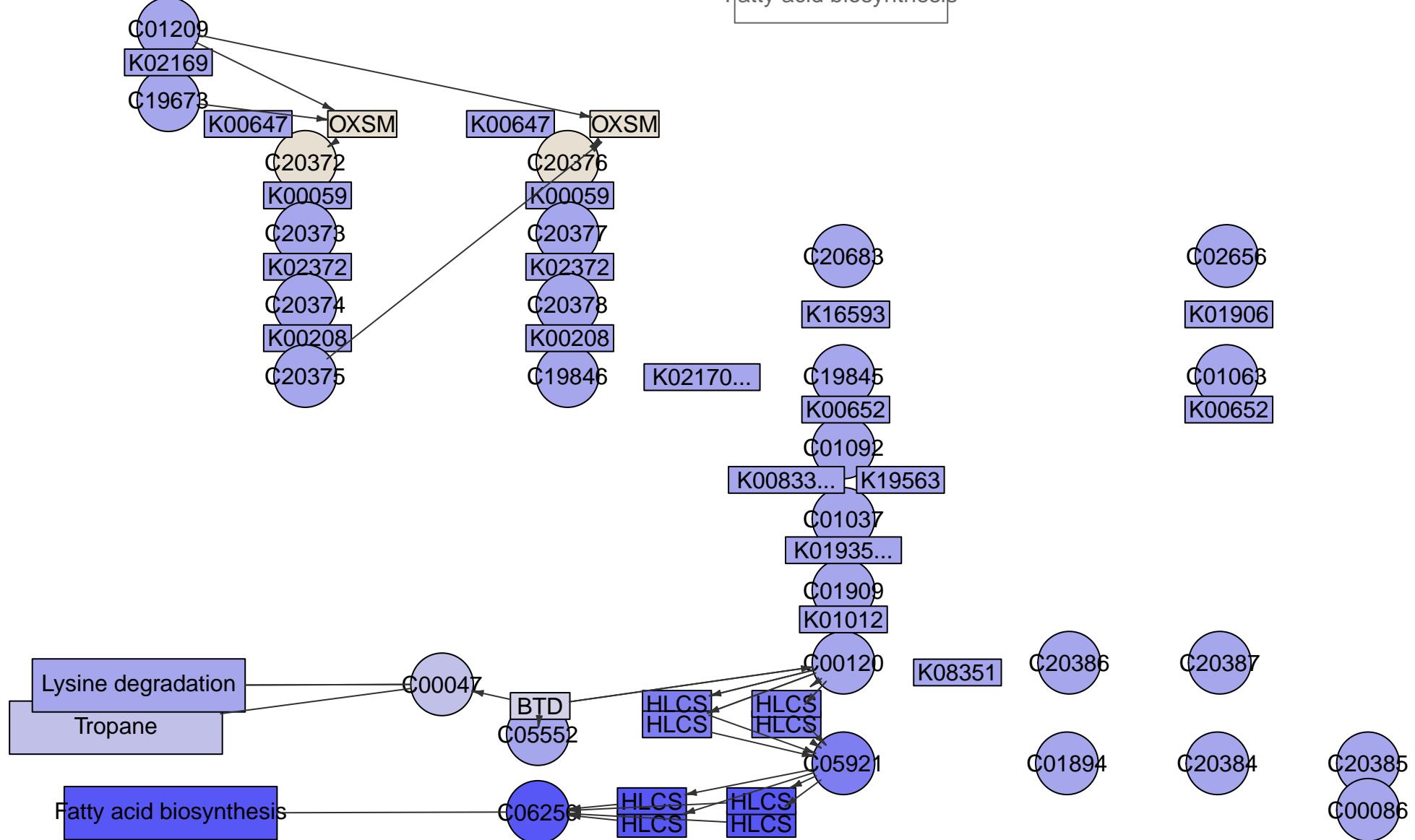
Biotin metabolism
MPI-088

Fatty acid biosynthesis



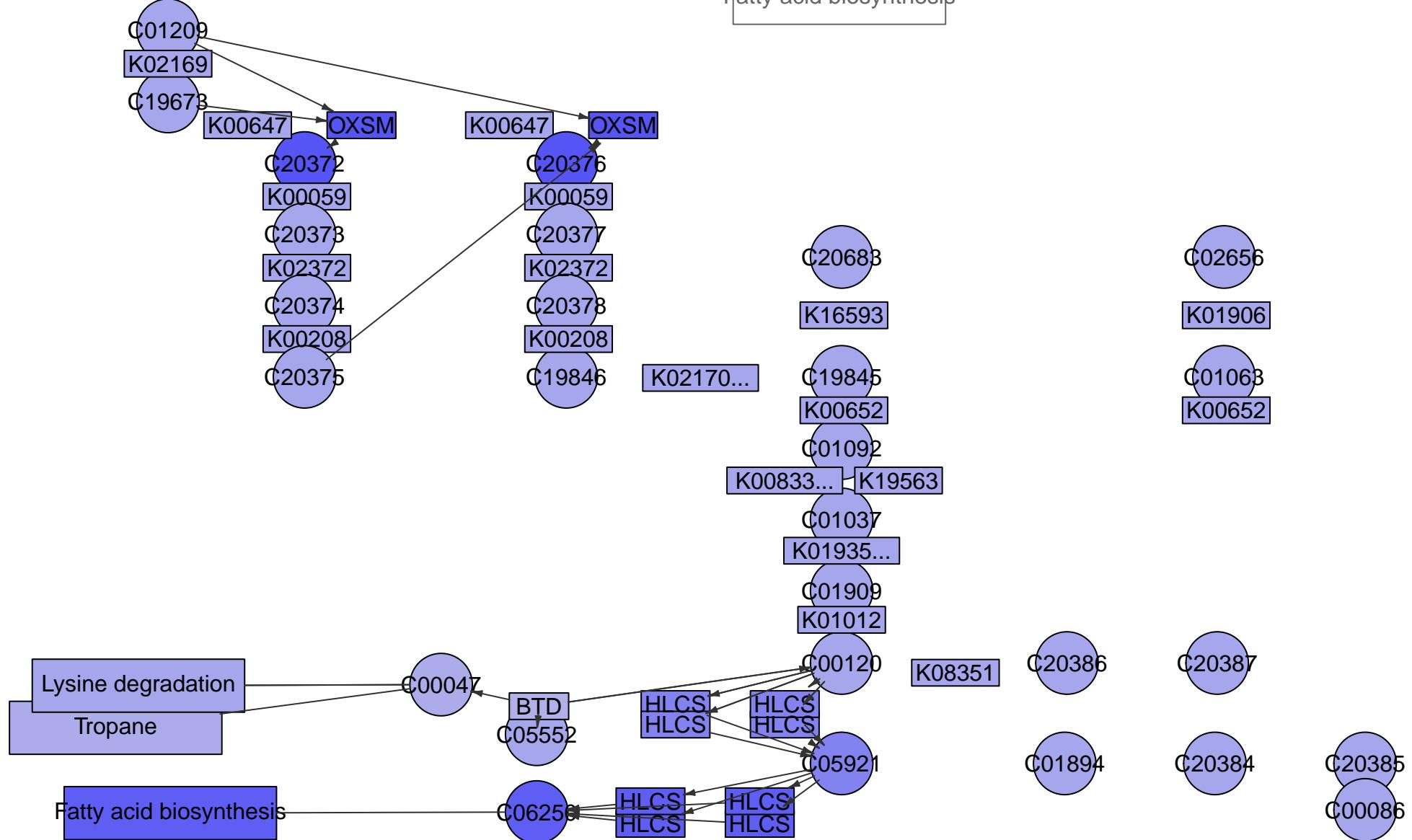
Biotin metabolism
MPI-092

Fatty acid biosynthesis



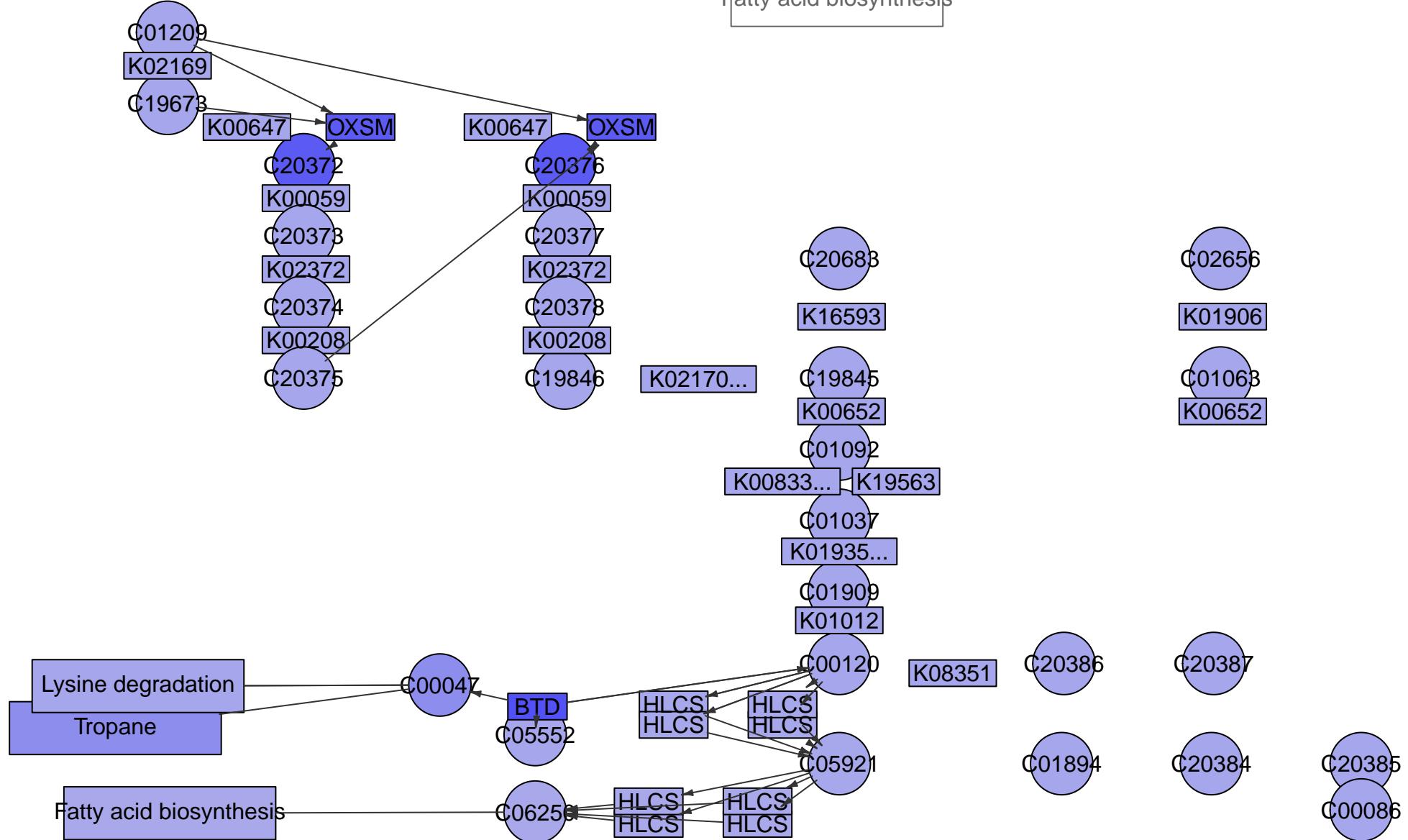
Biotin metabolism
MPI-096

Fatty acid biosynthesis



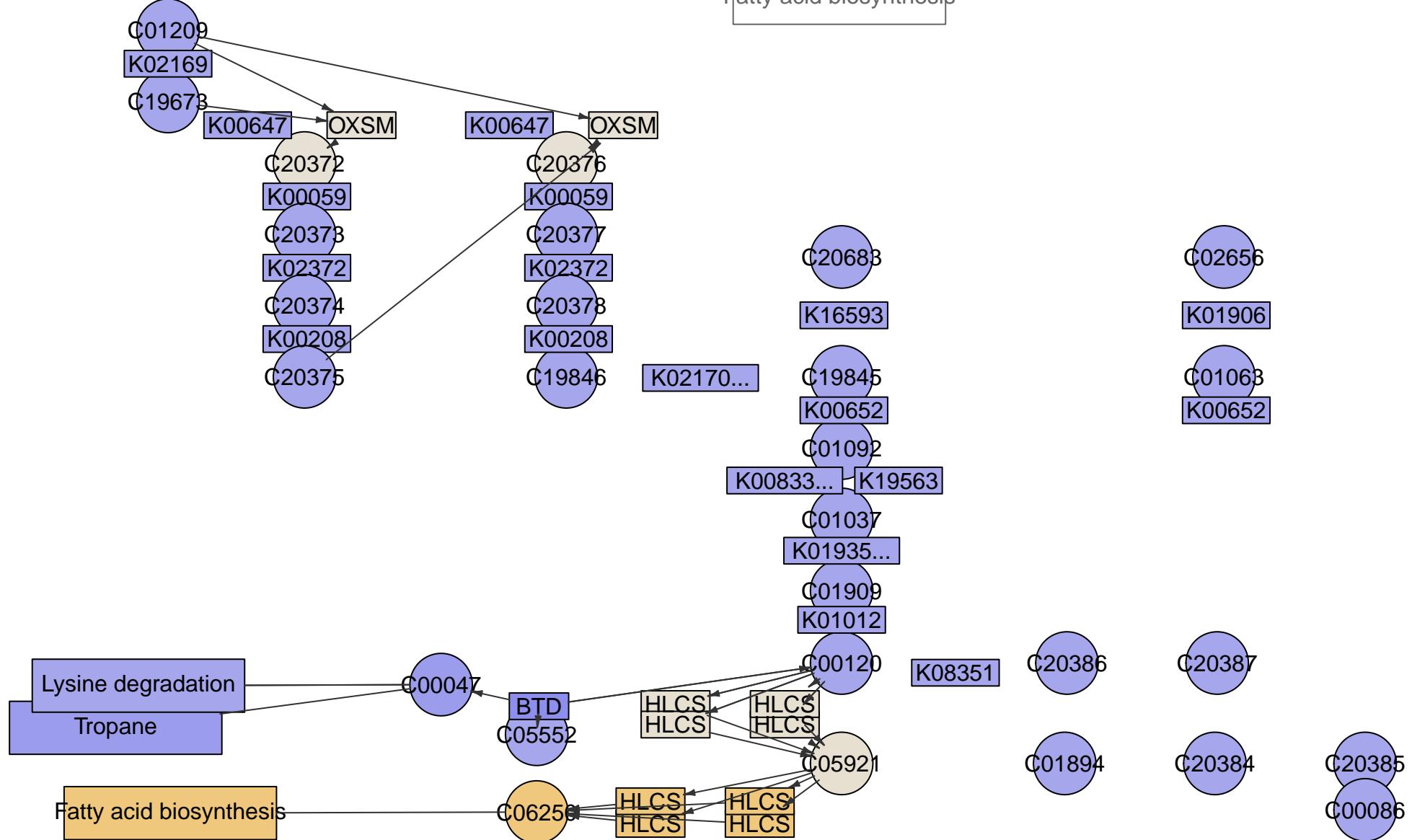
Biotin metabolism
MPI-098

Fatty acid biosynthesis



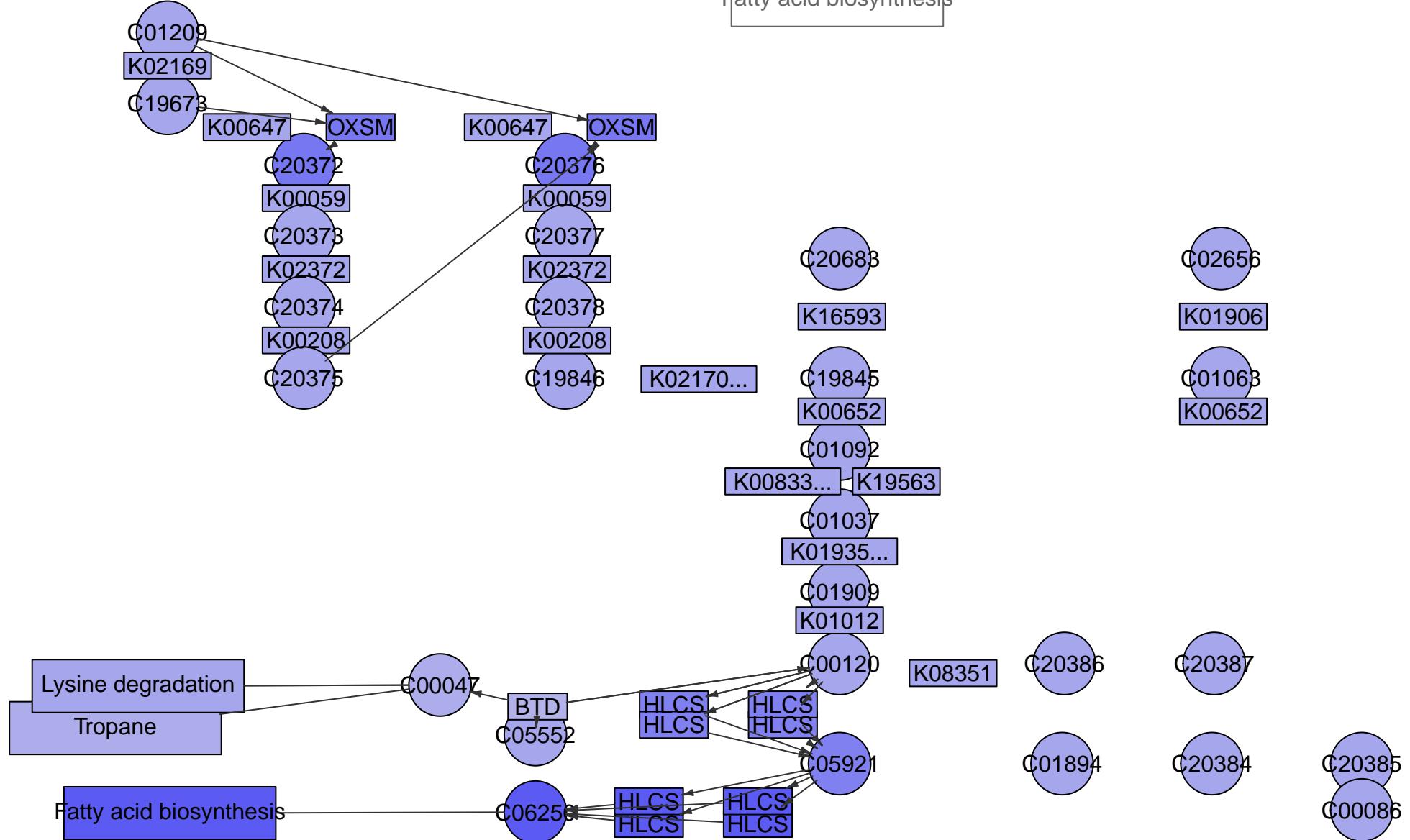
Biotin metabolism
MPI-100

Fatty acid biosynthesis



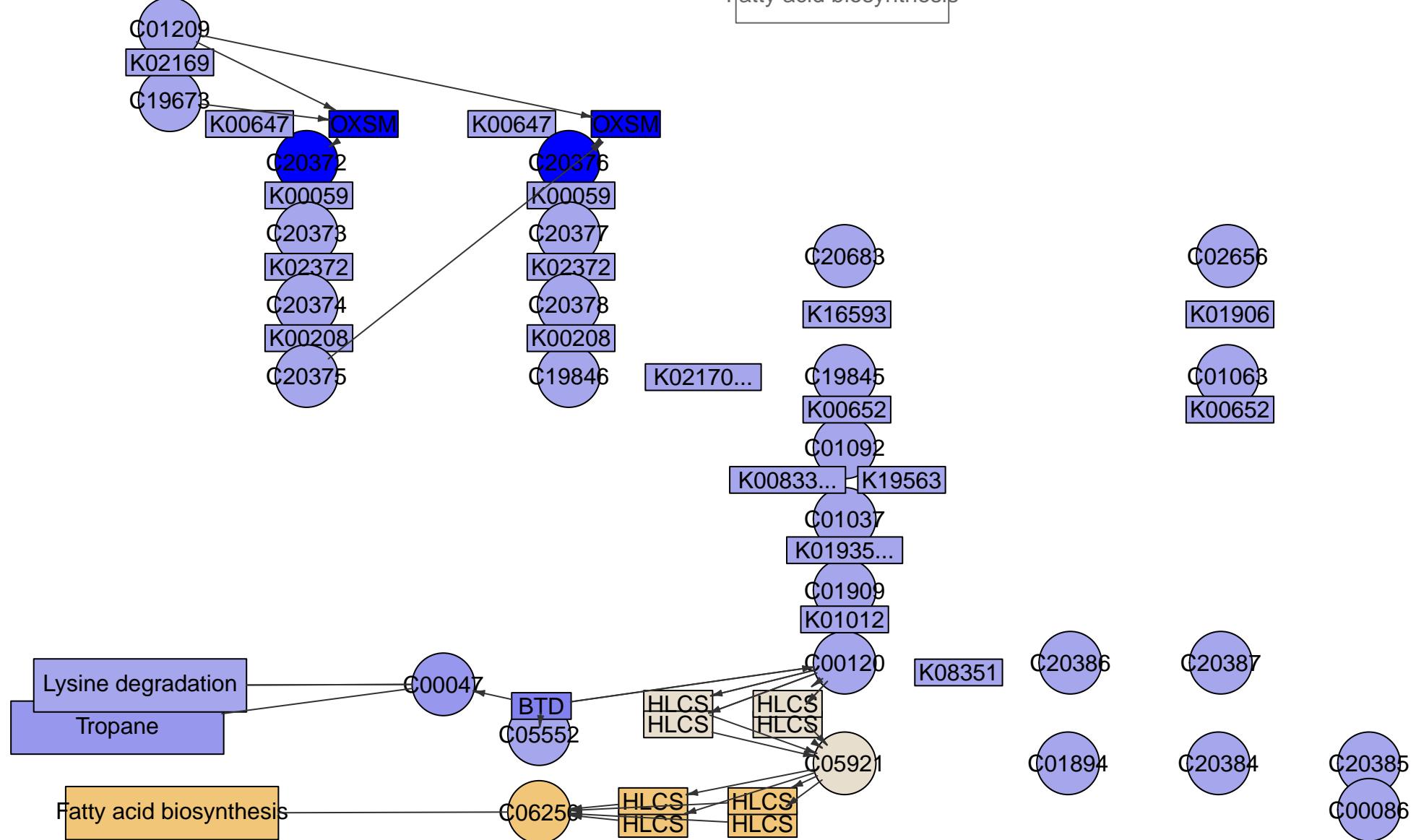
Biotin metabolism
MPI-105

Fatty acid biosynthesis



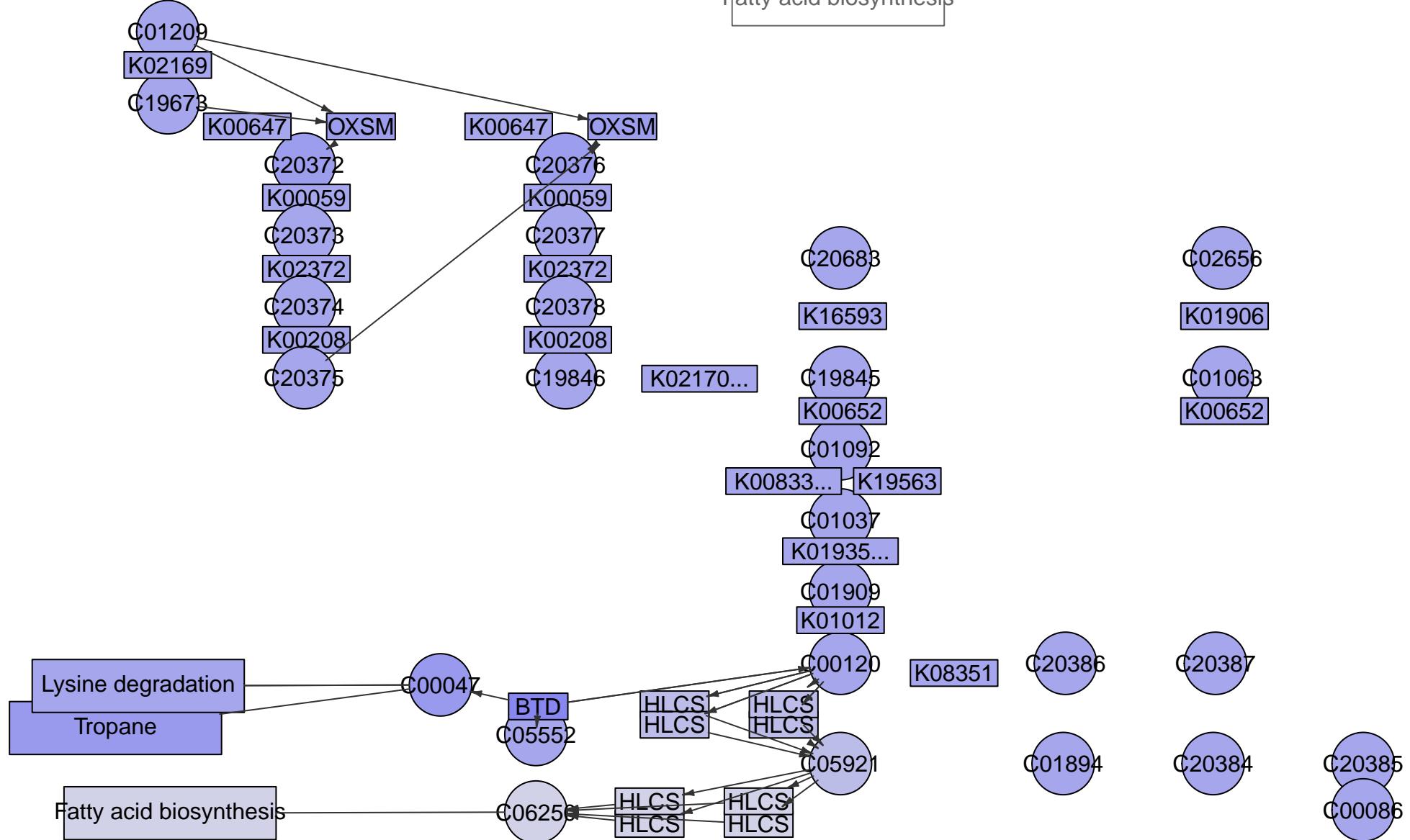
Biotin metabolism
MPI-106

Fatty acid biosynthesis



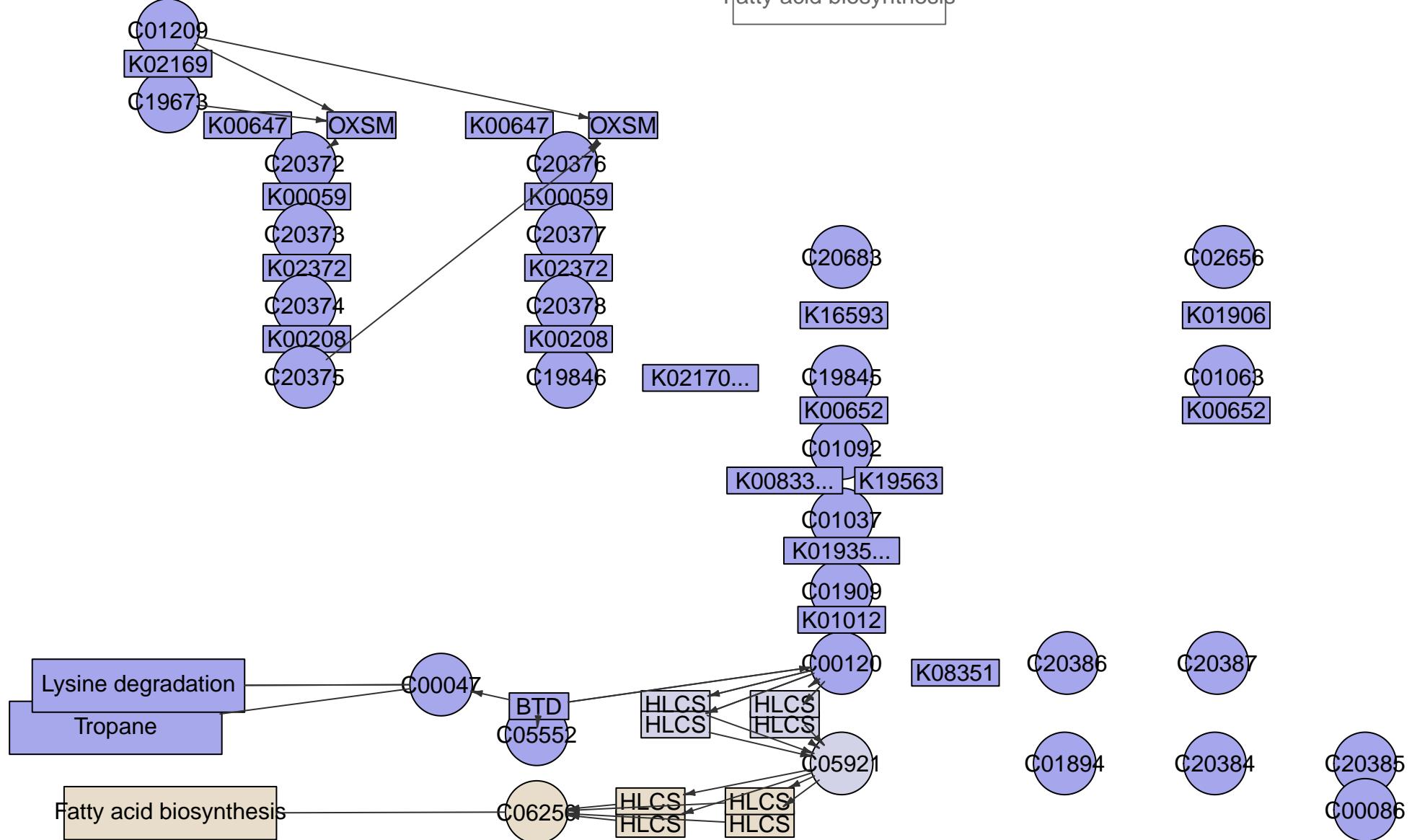
Biotin metabolism
MPI-108

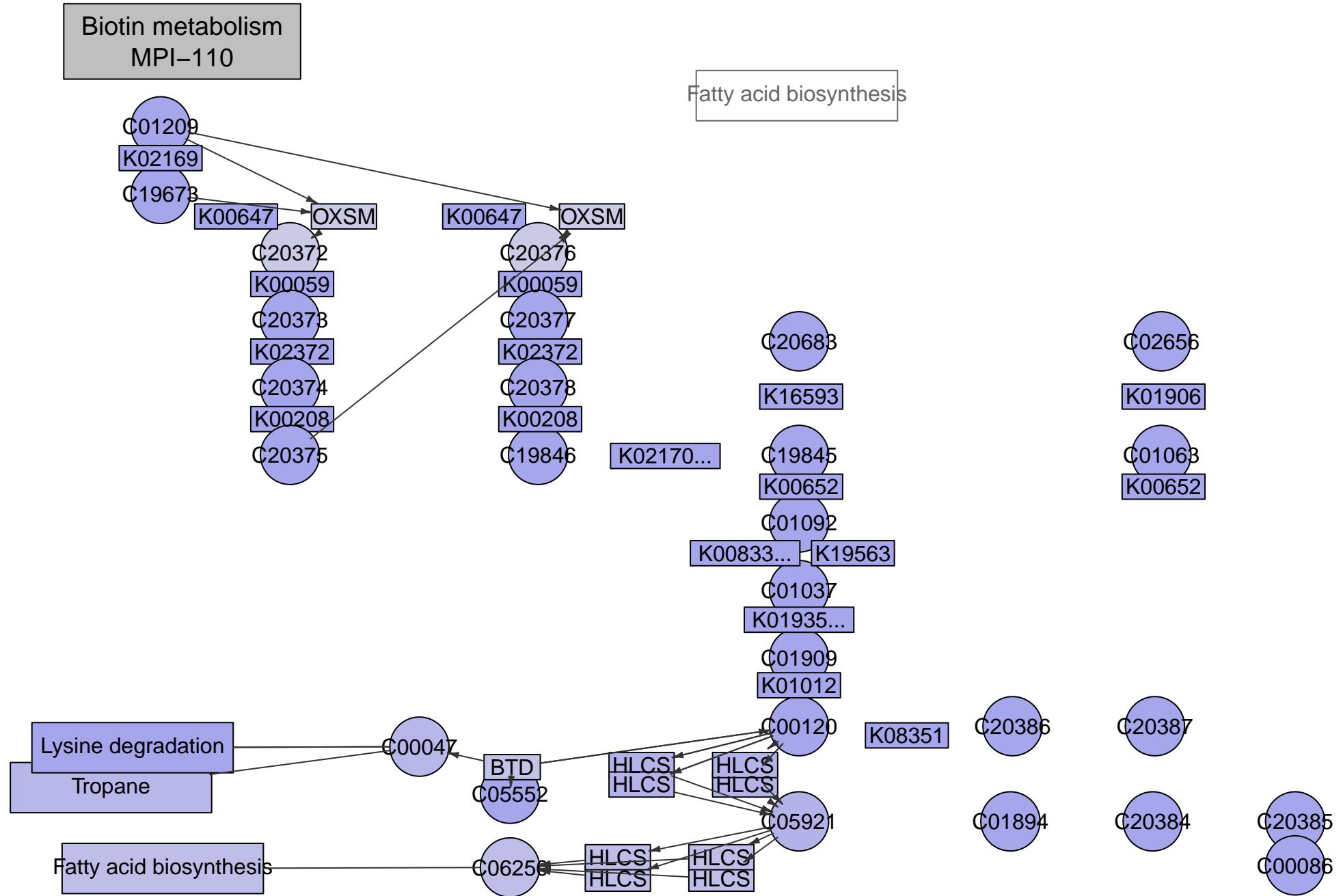
Fatty acid biosynthesis



Biotin metabolism
MPI-109

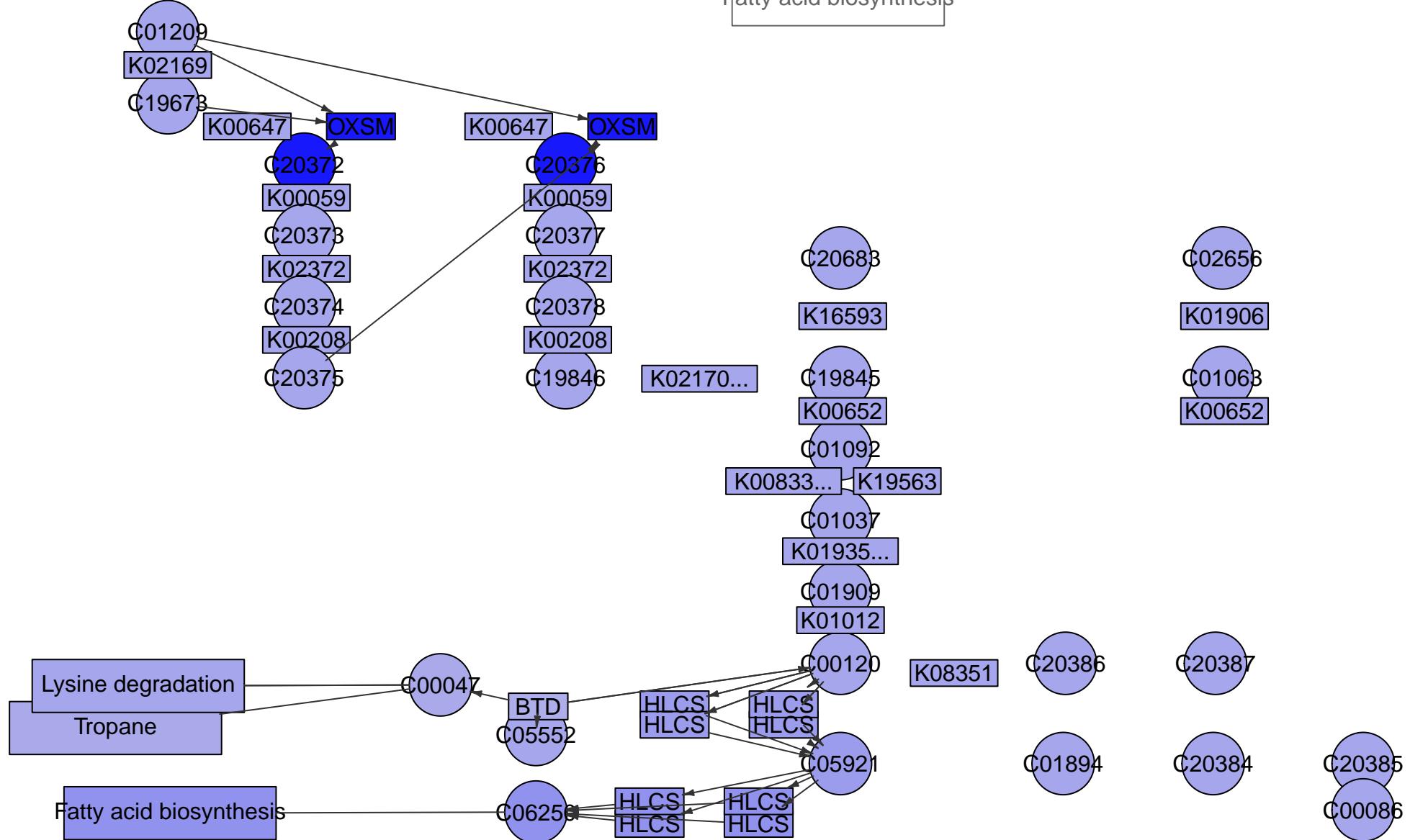
Fatty acid biosynthesis





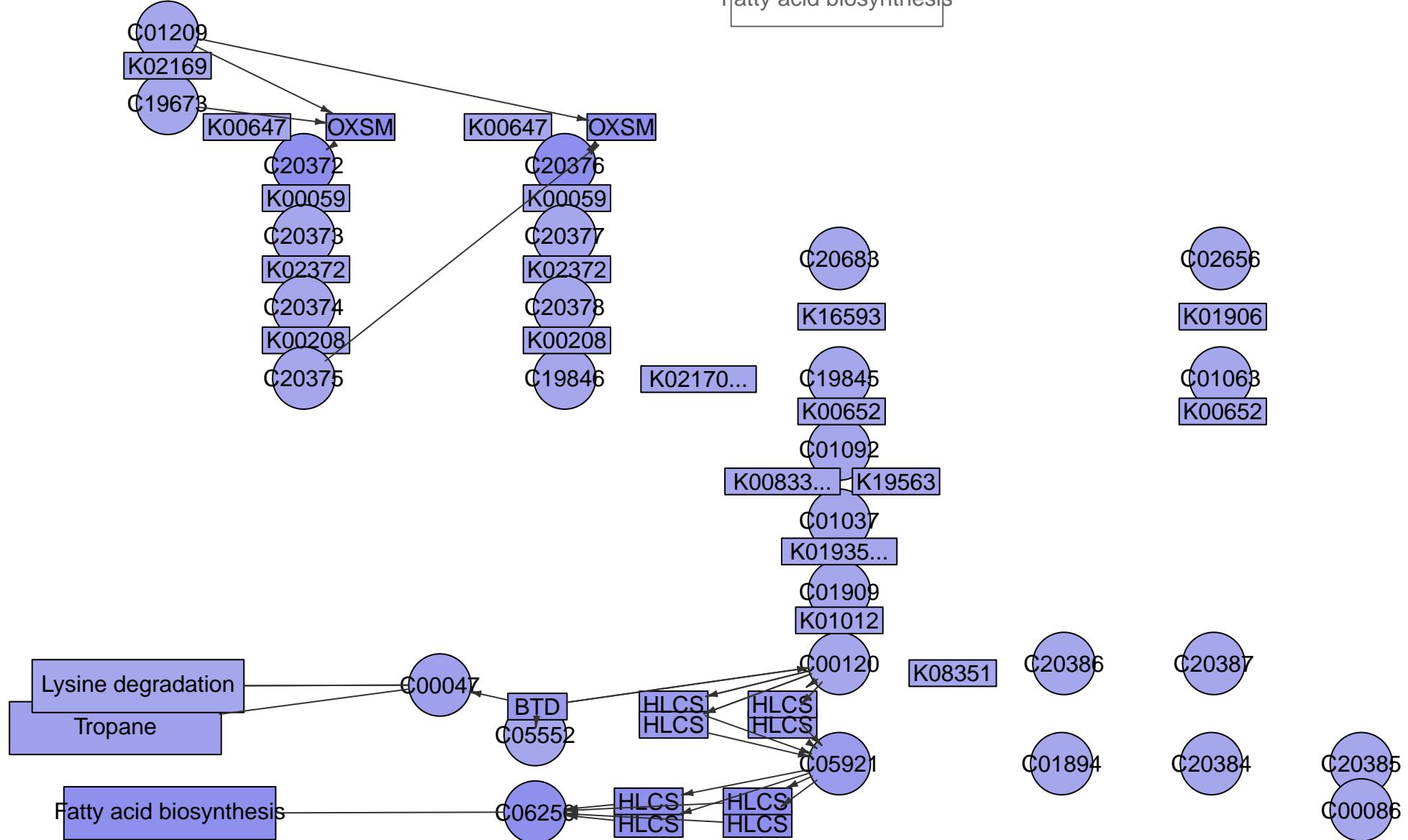
Biotin metabolism
MPI-111

Fatty acid biosynthesis



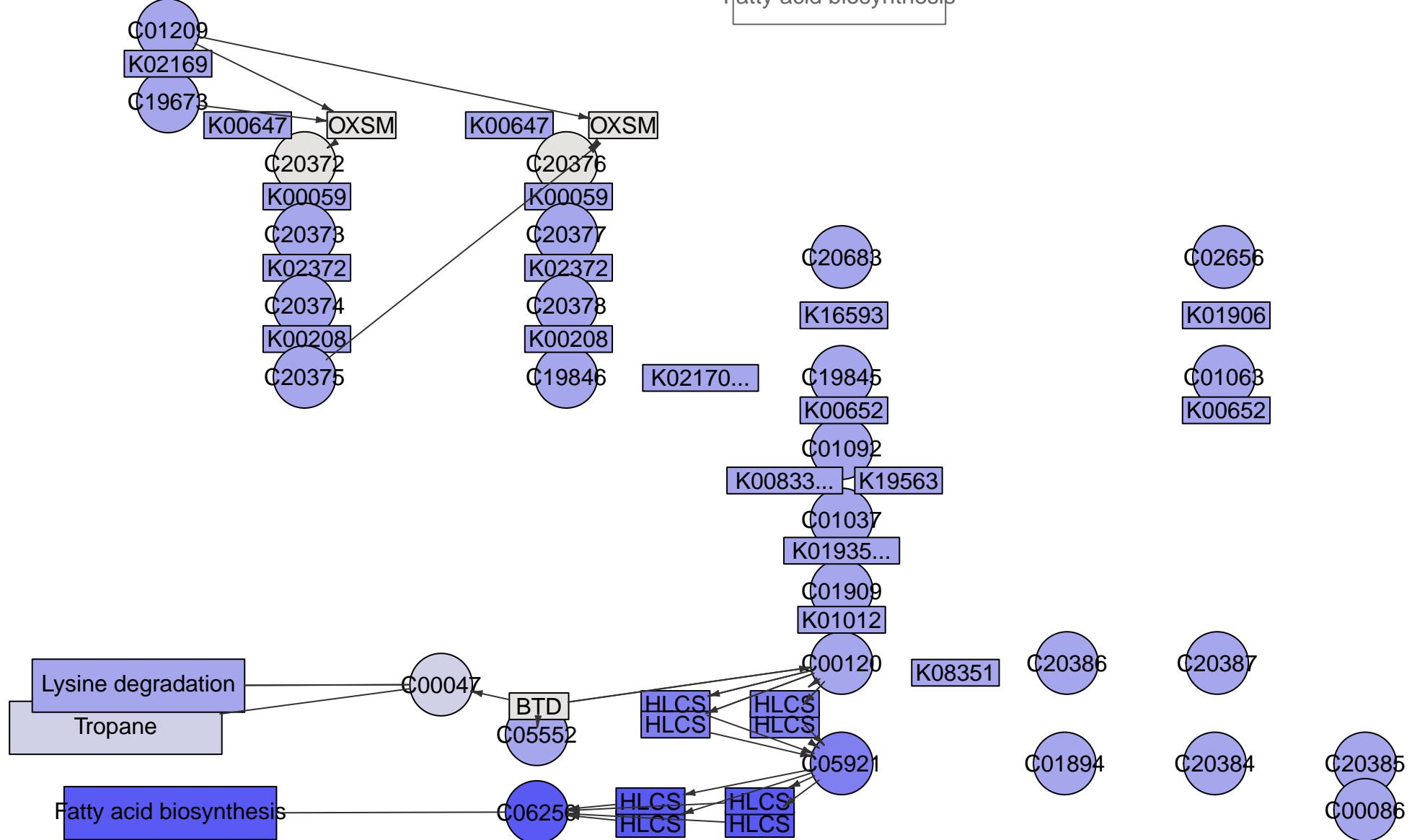
Biotin metabolism
MPI-113

Fatty acid biosynthesis



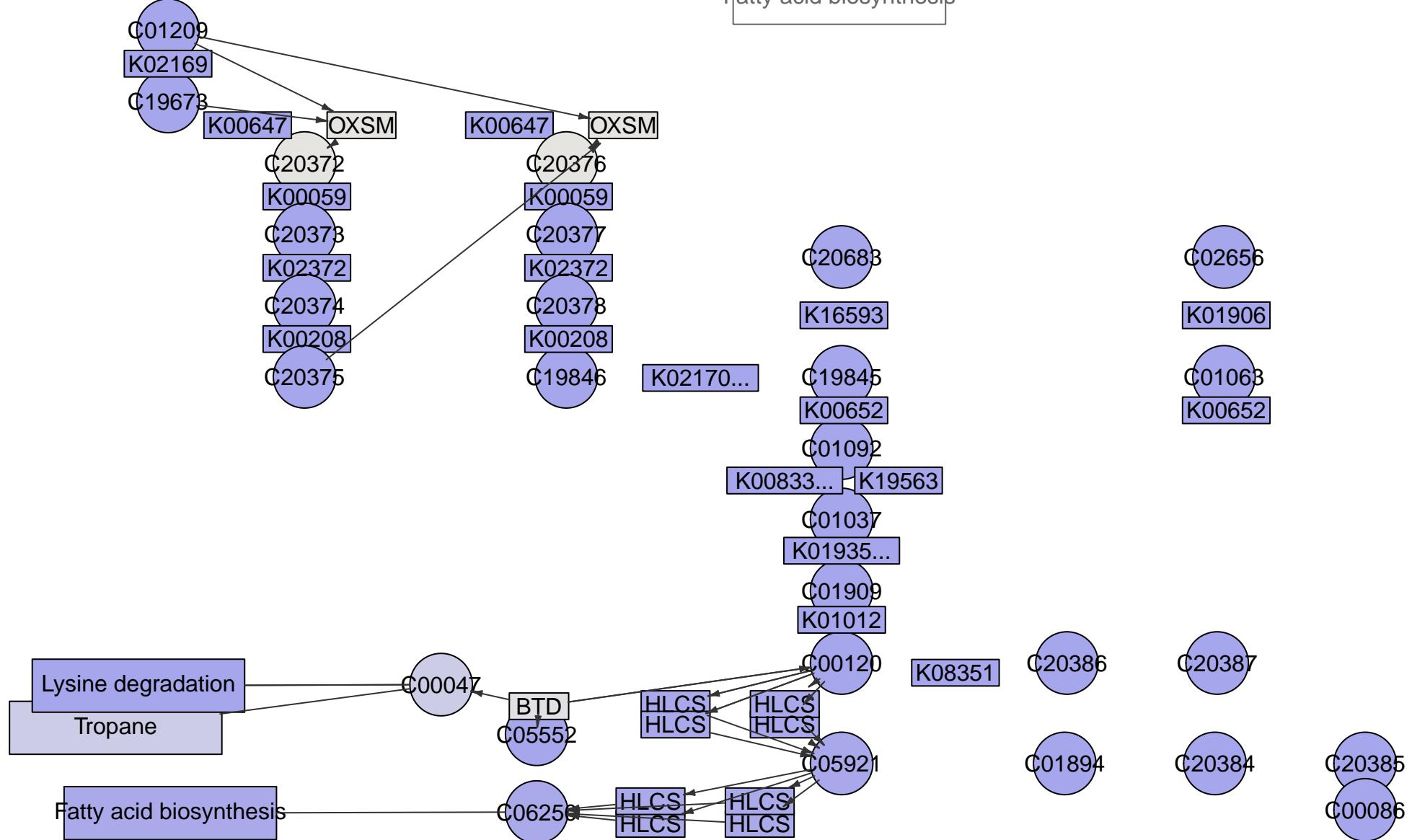
Biotin metabolism
MPI-115

Fatty acid biosynthesis



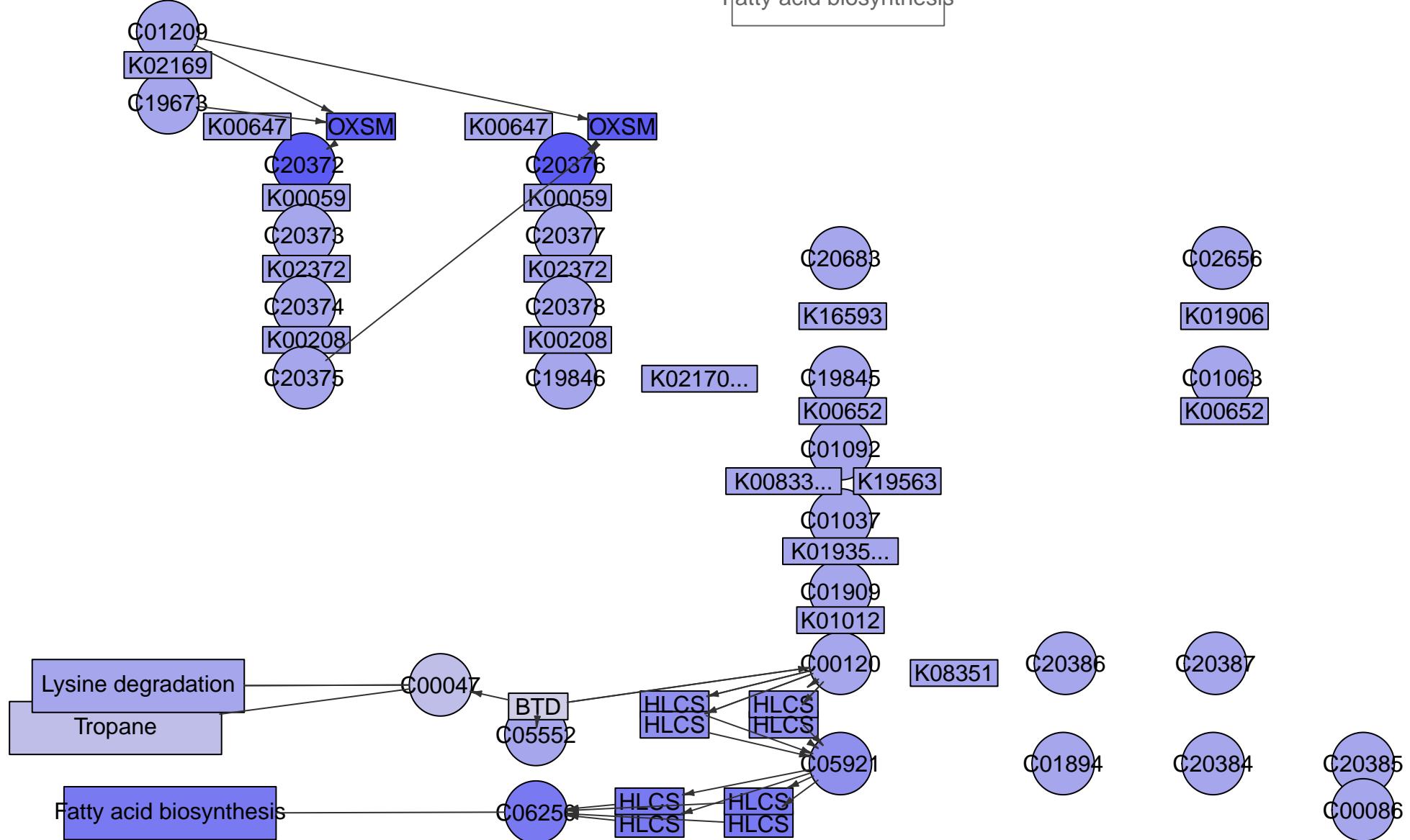
Biotin metabolism
MPI-118

Fatty acid biosynthesis



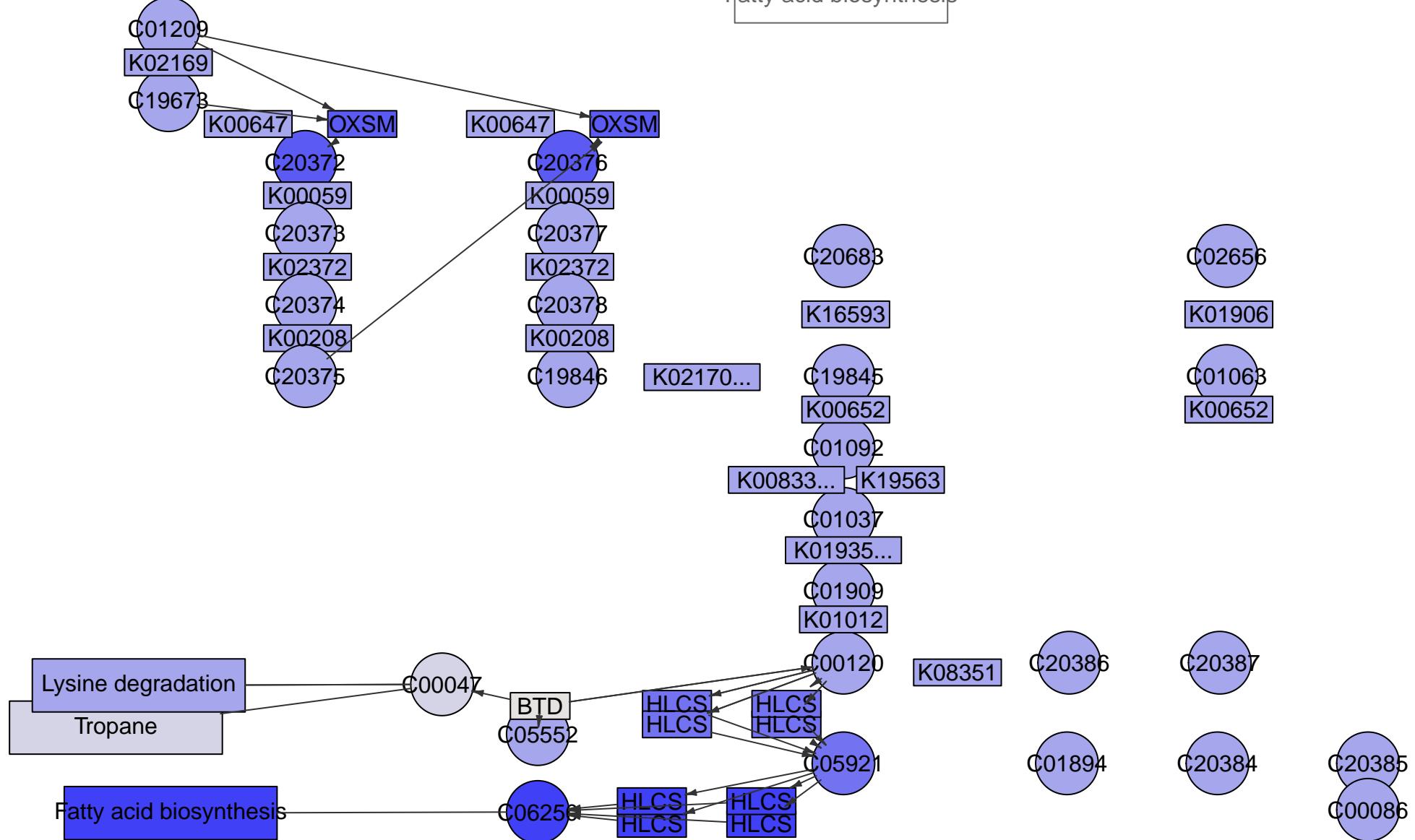
Biotin metabolism
MPI-119

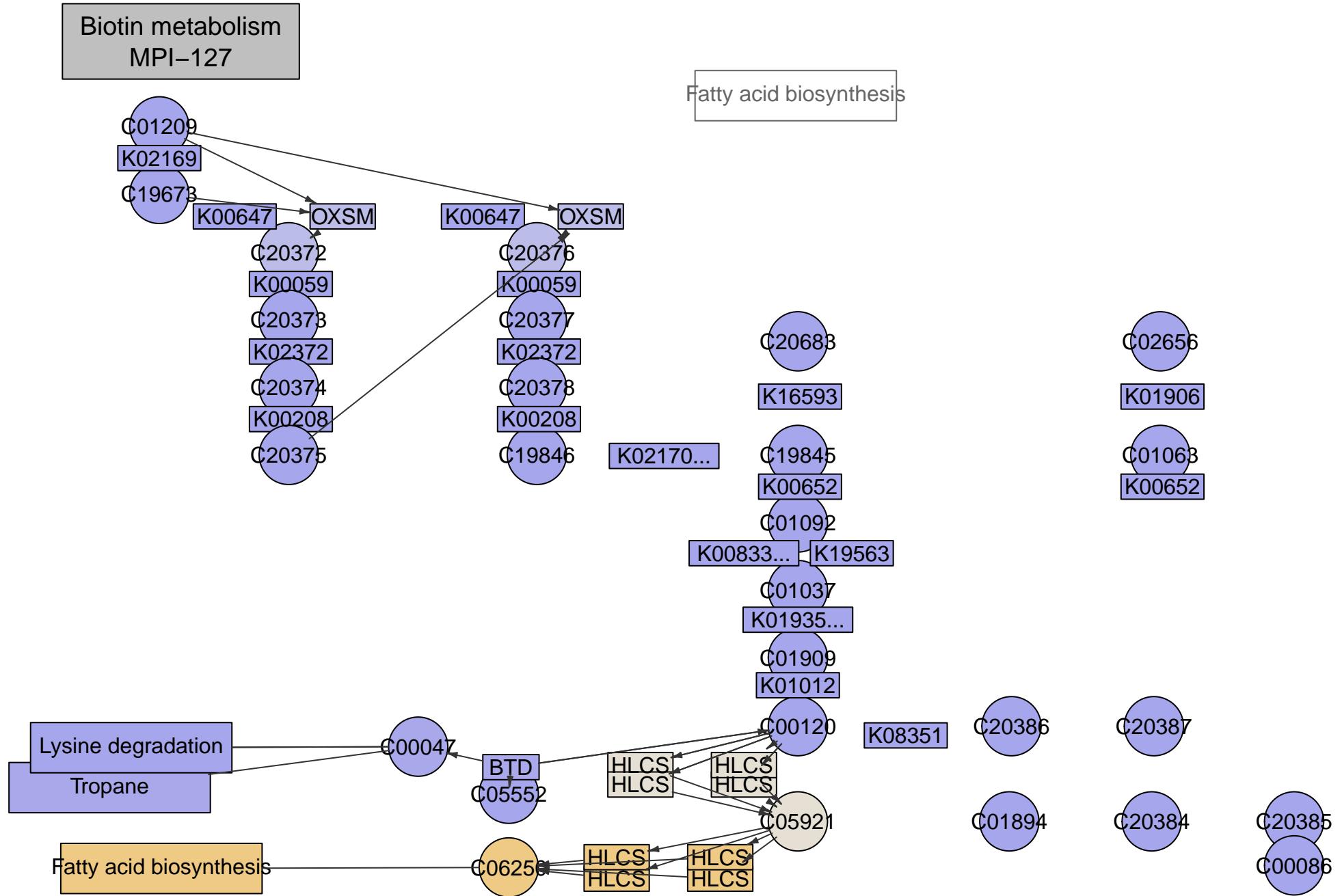
Fatty acid biosynthesis



Biotin metabolism
MPI-122

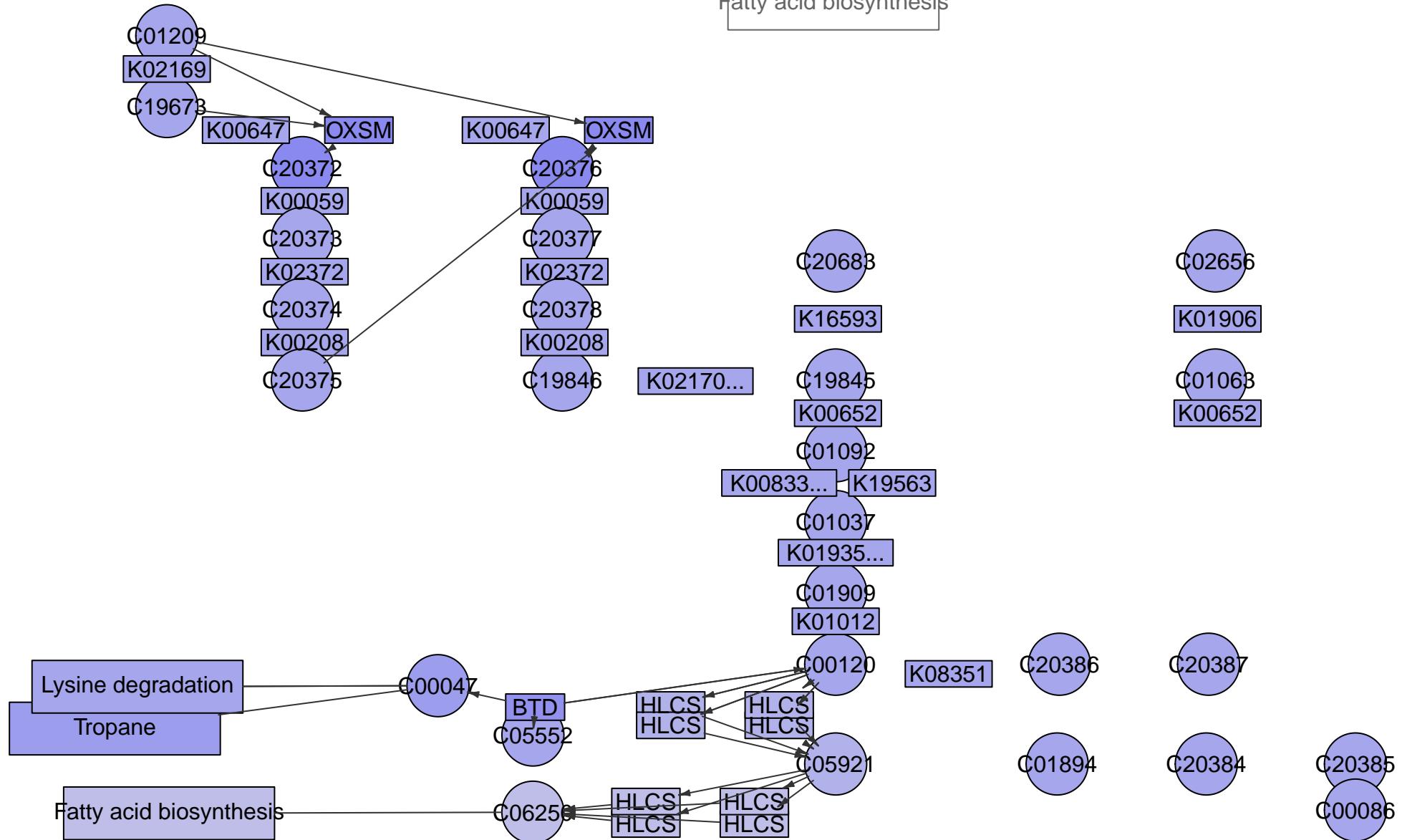
Fatty acid biosynthesis





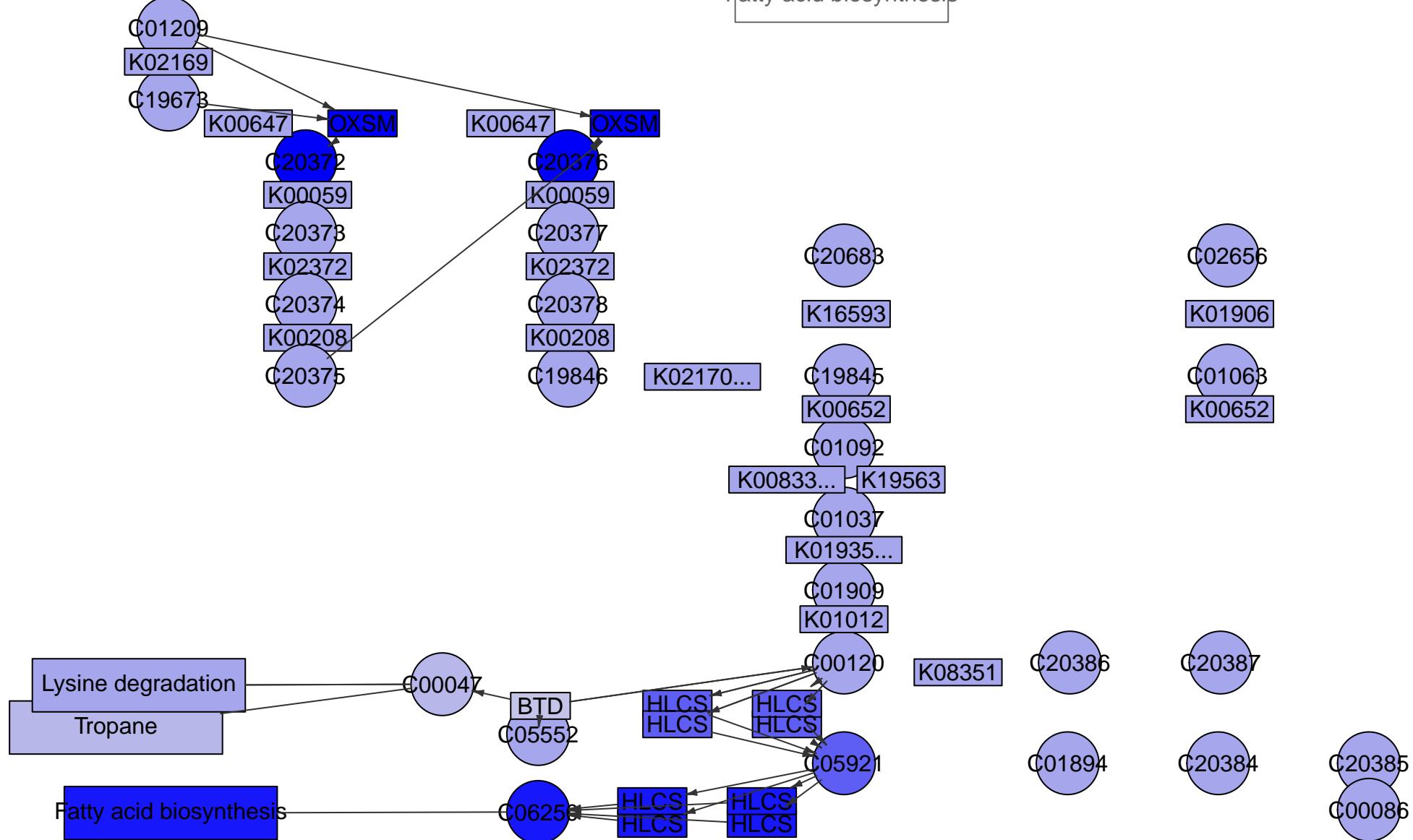
Biotin metabolism
MPI-128

Fatty acid biosynthesis



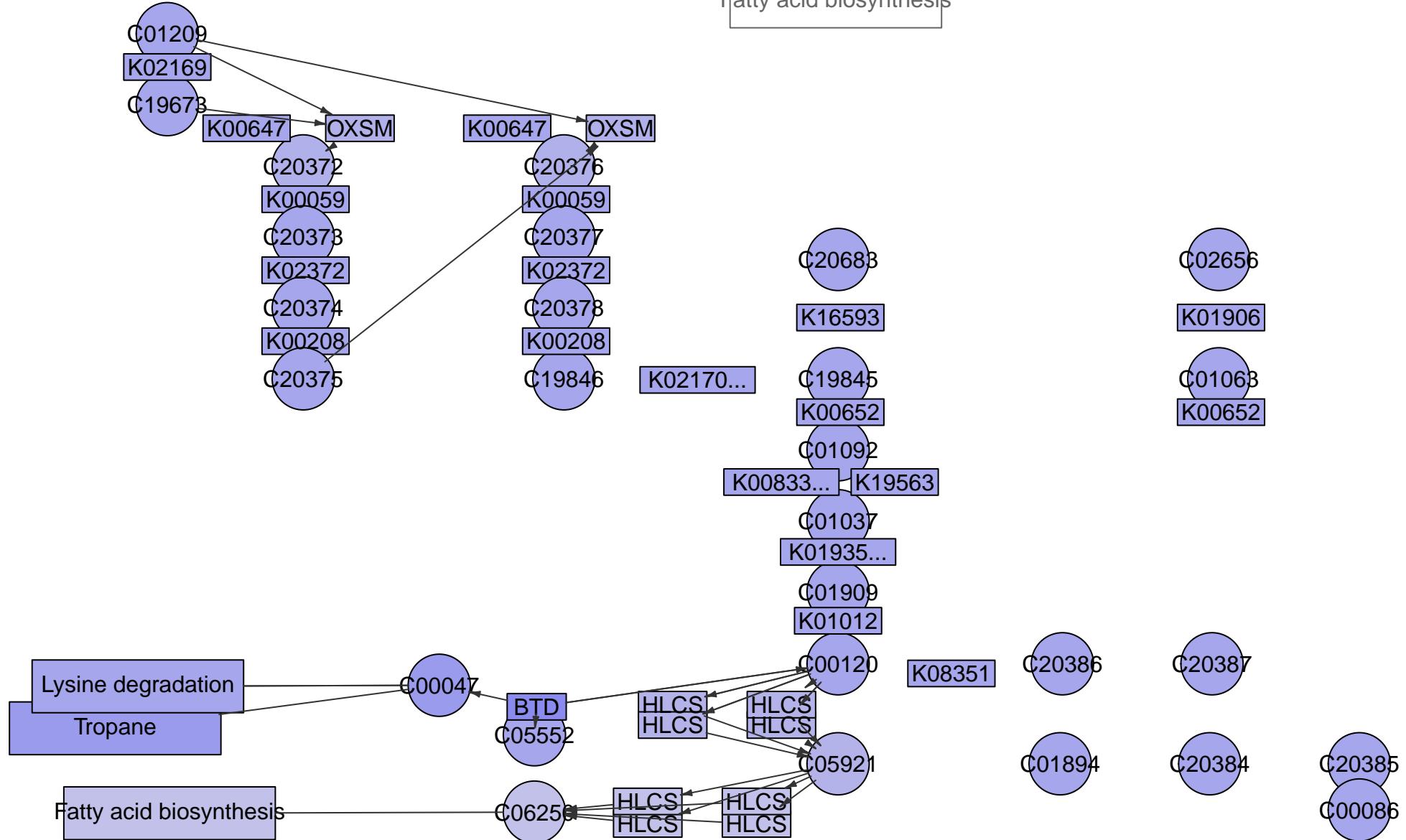
Biotin metabolism
MPI-129

Fatty acid biosynthesis



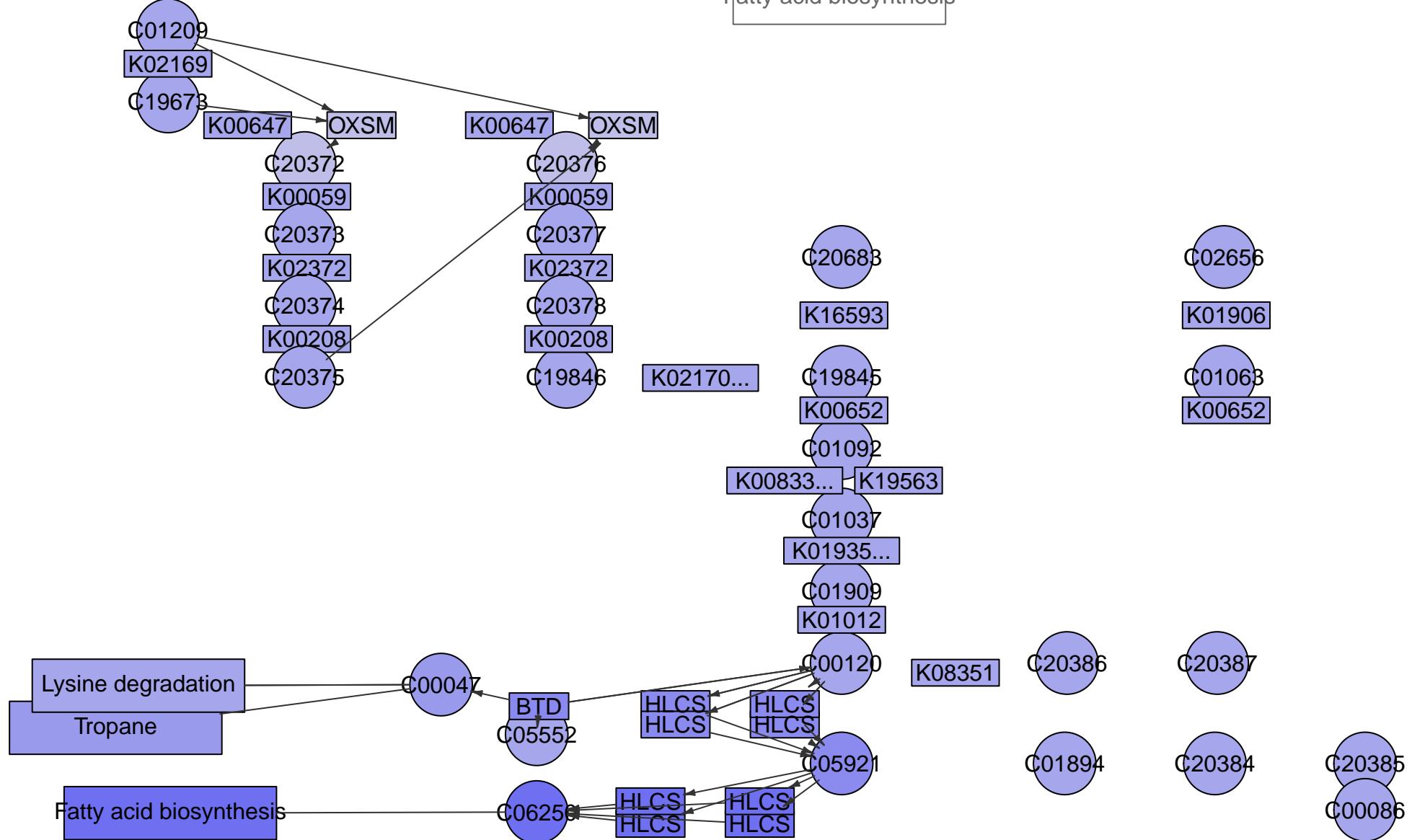
Biotin metabolism
MPI-130

Fatty acid biosynthesis



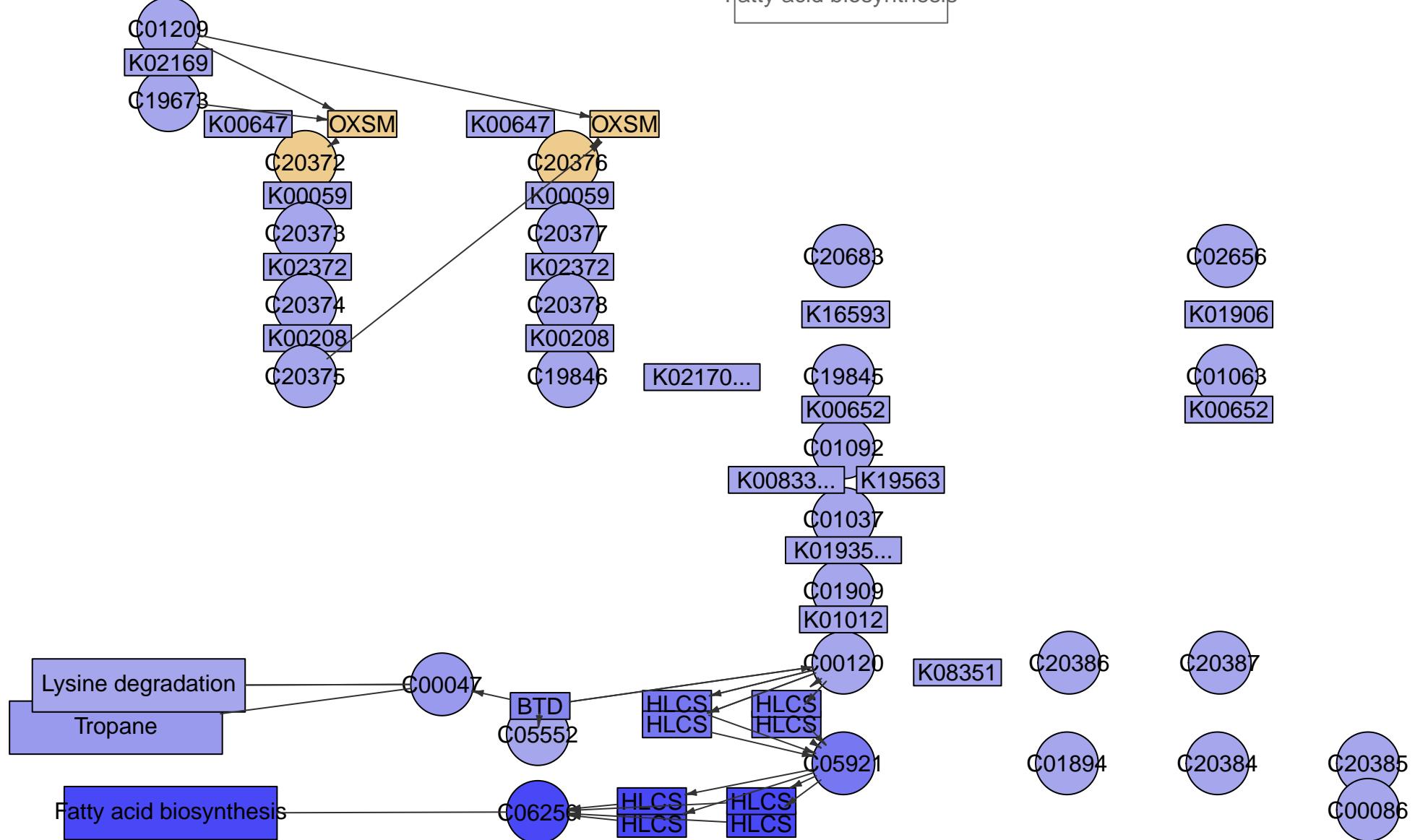
Biotin metabolism
MPI-132

Fatty acid biosynthesis



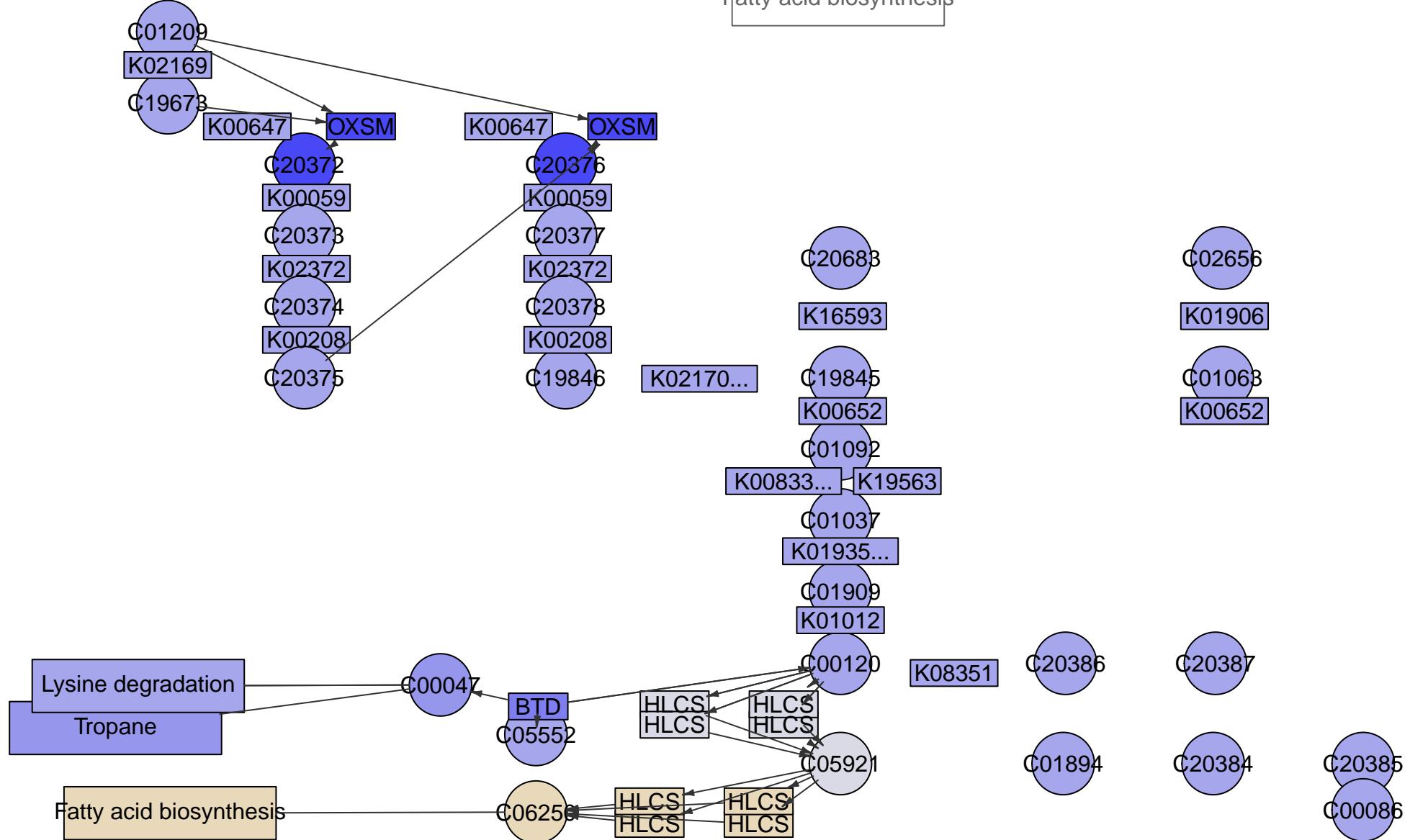
Biotin metabolism
MPI-133

Fatty acid biosynthesis



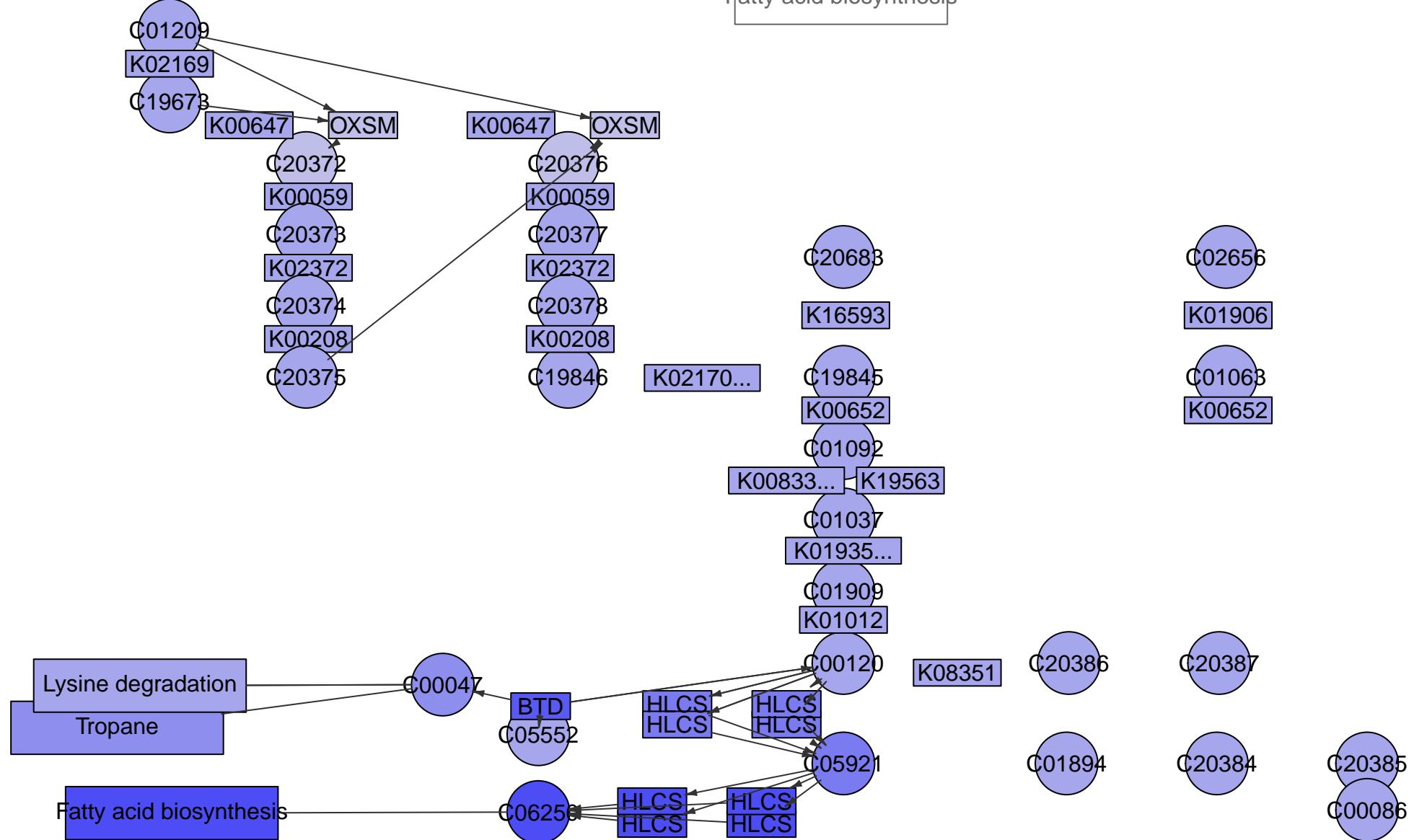
Biotin metabolism
MPI-134

Fatty acid biosynthesis



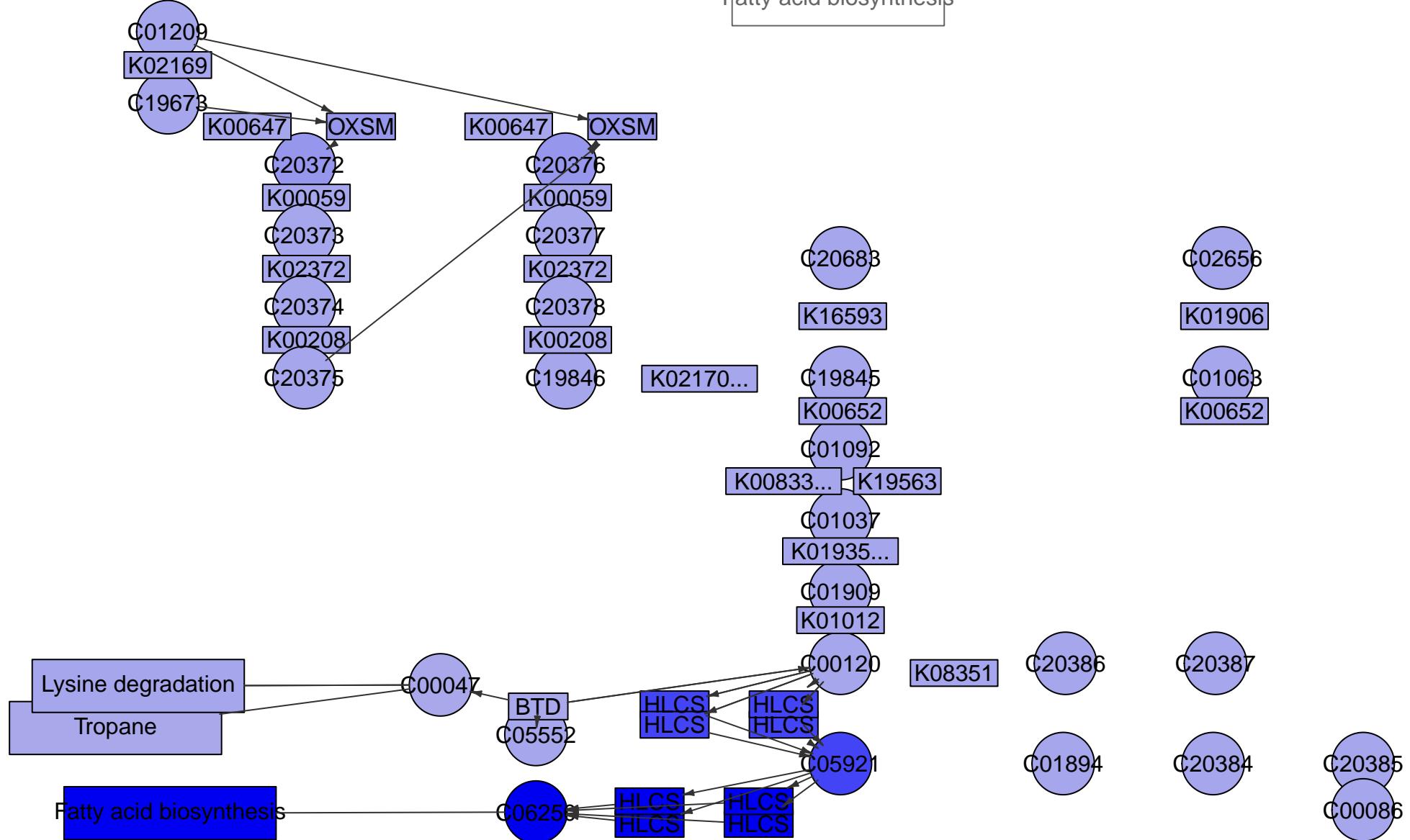
Biotin metabolism
MPI-135

Fatty acid biosynthesis



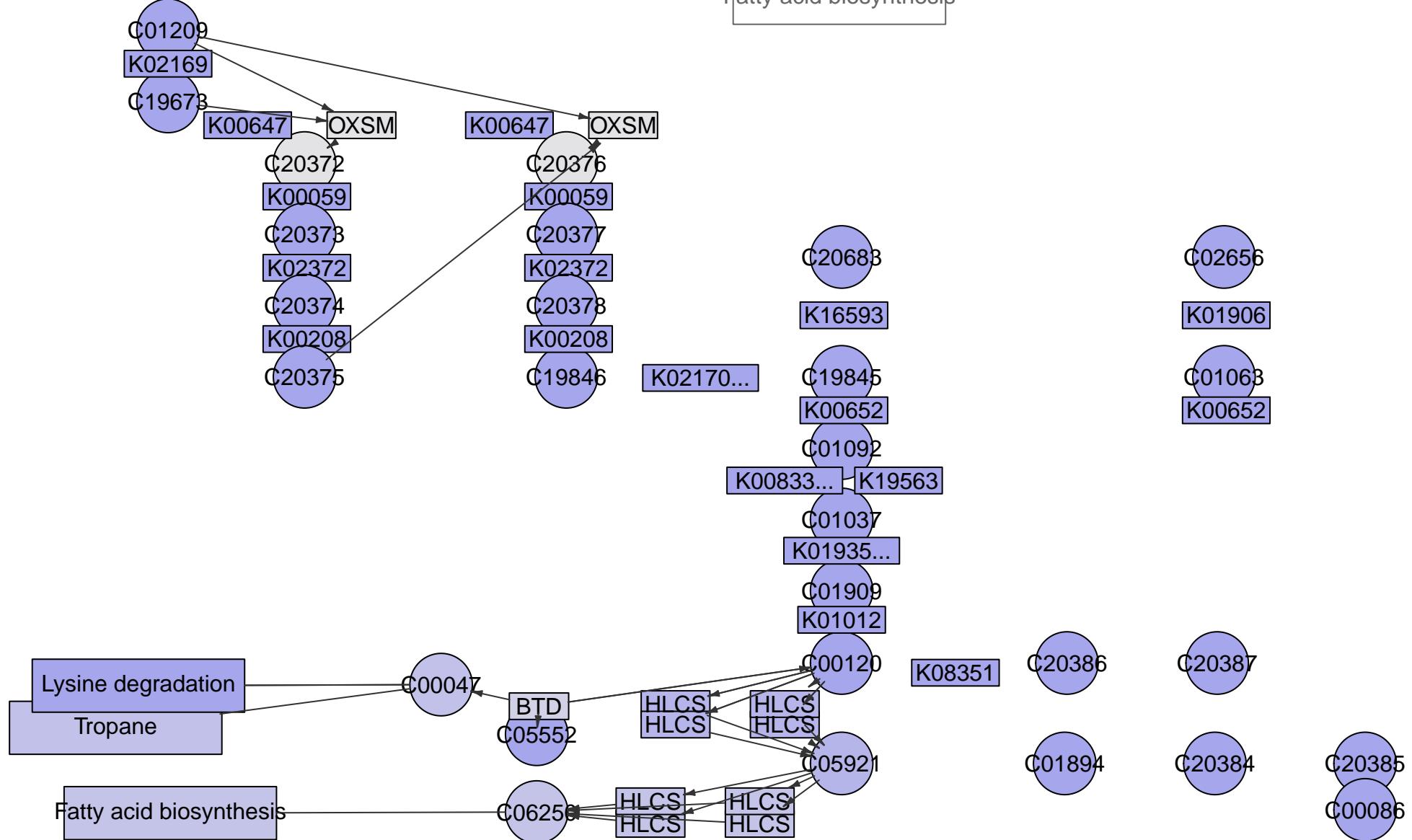
Biotin metabolism
MPI-136

Fatty acid biosynthesis



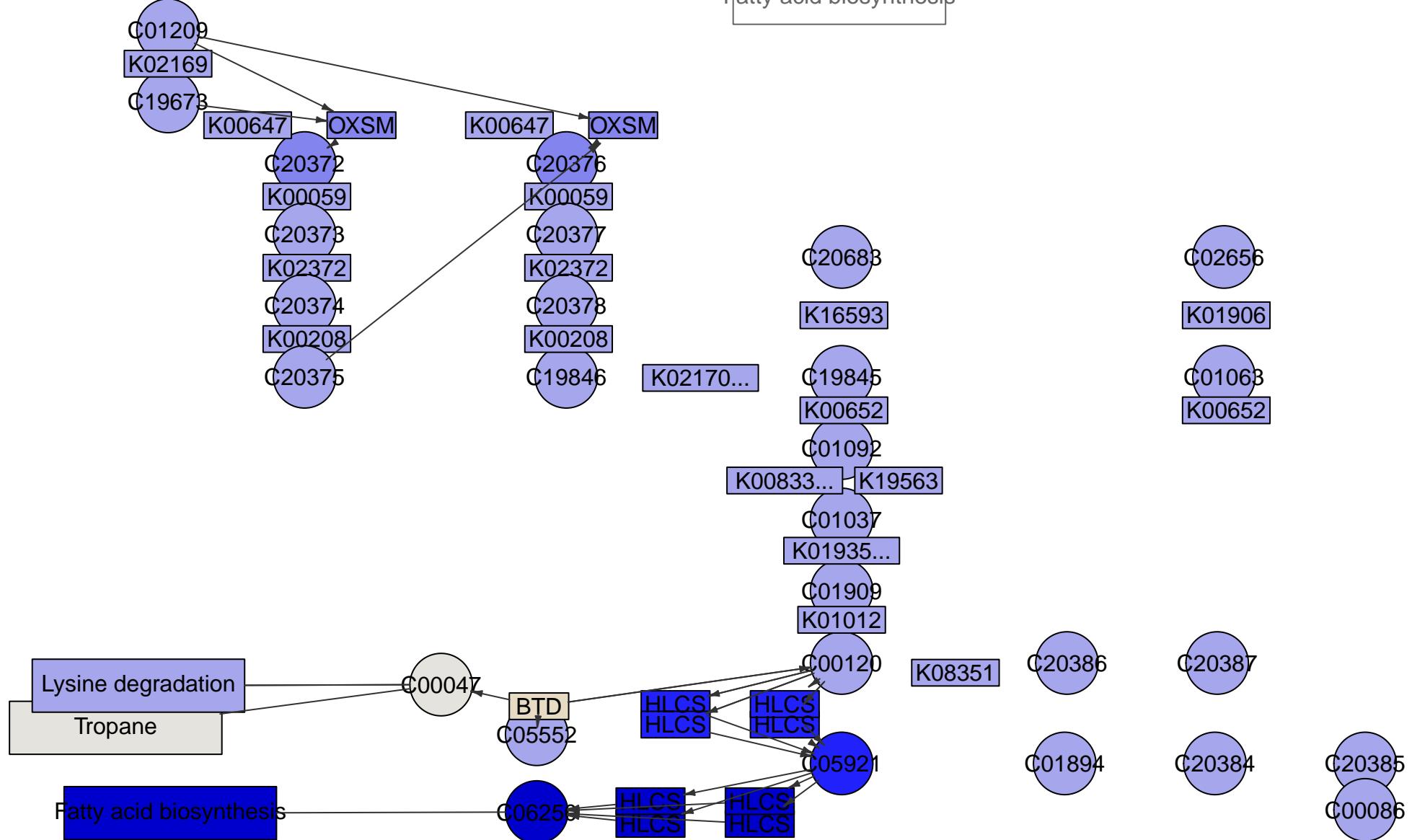
Biotin metabolism
MPI-141

Fatty acid biosynthesis



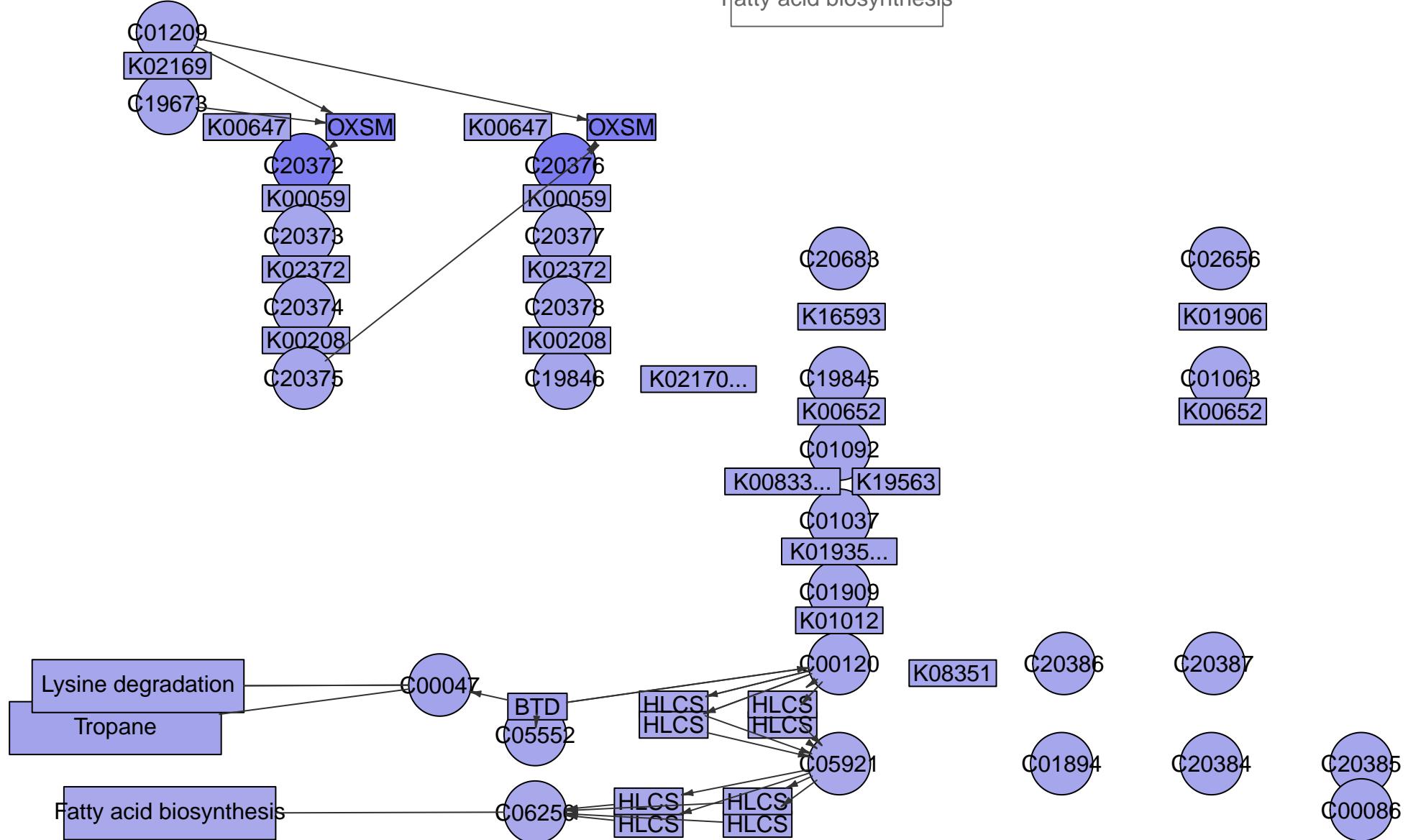
Biotin metabolism
MPI-142

Fatty acid biosynthesis



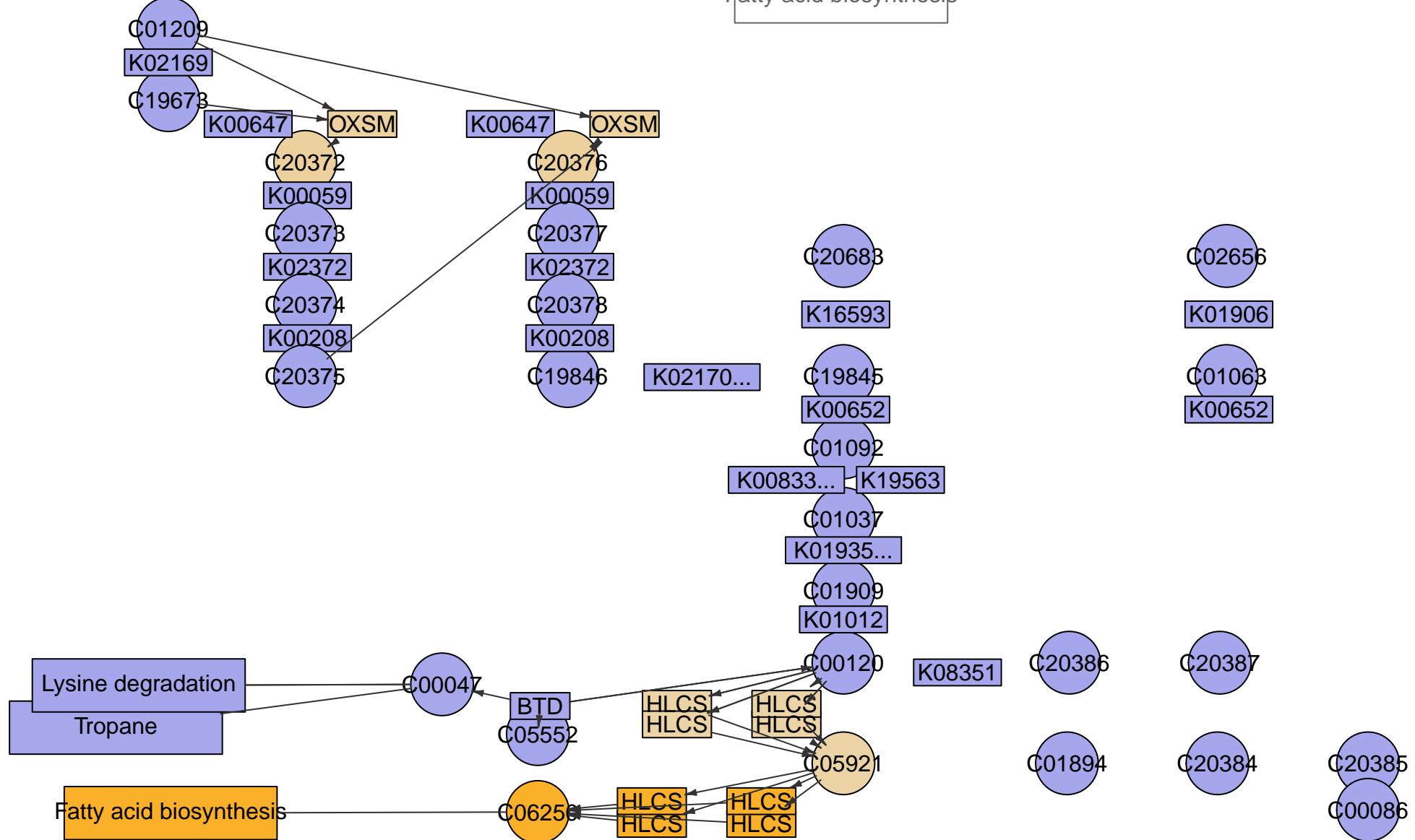
Biotin metabolism
MPI-145

Fatty acid biosynthesis



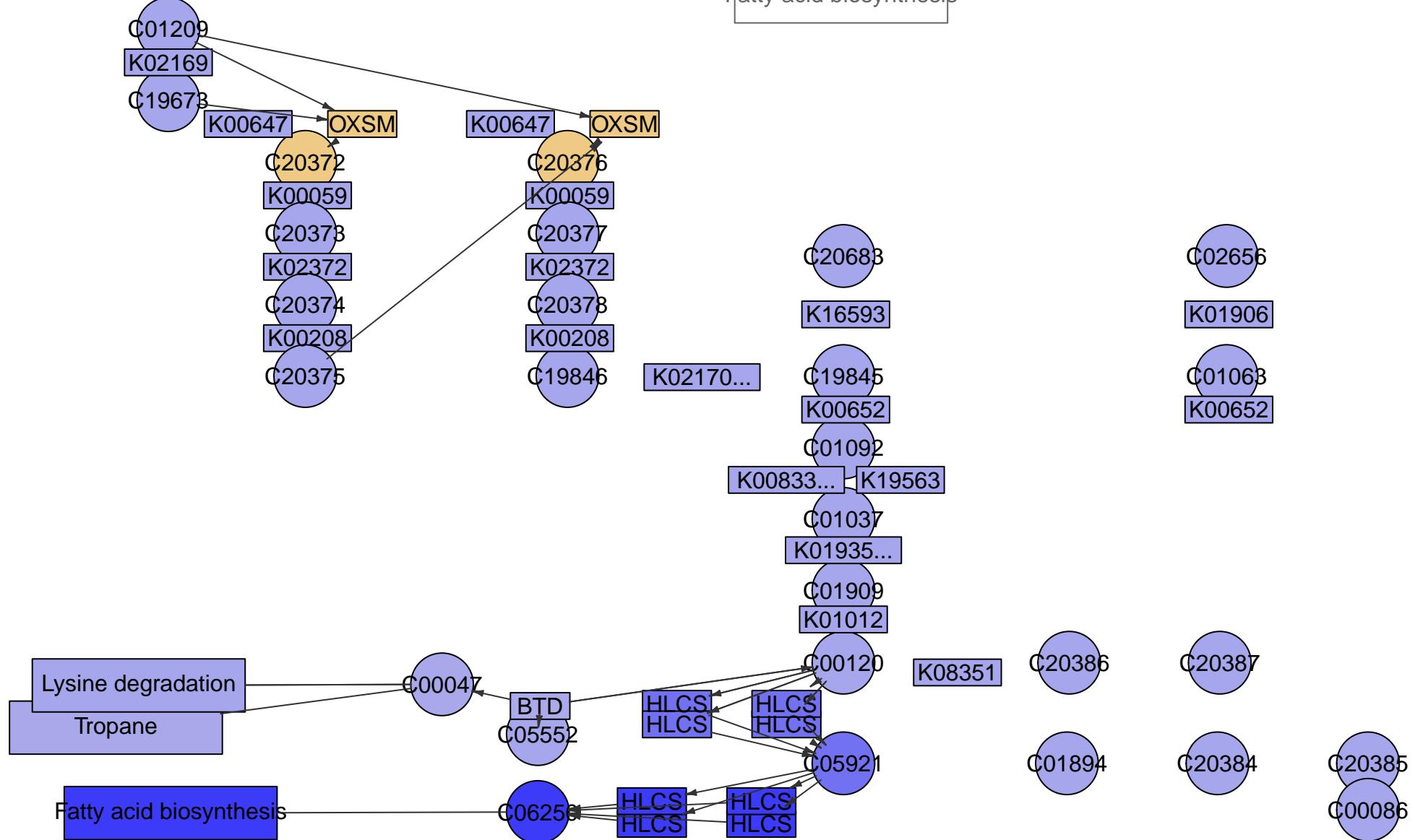
Biotin metabolism
MPI-146

Fatty acid biosynthesis



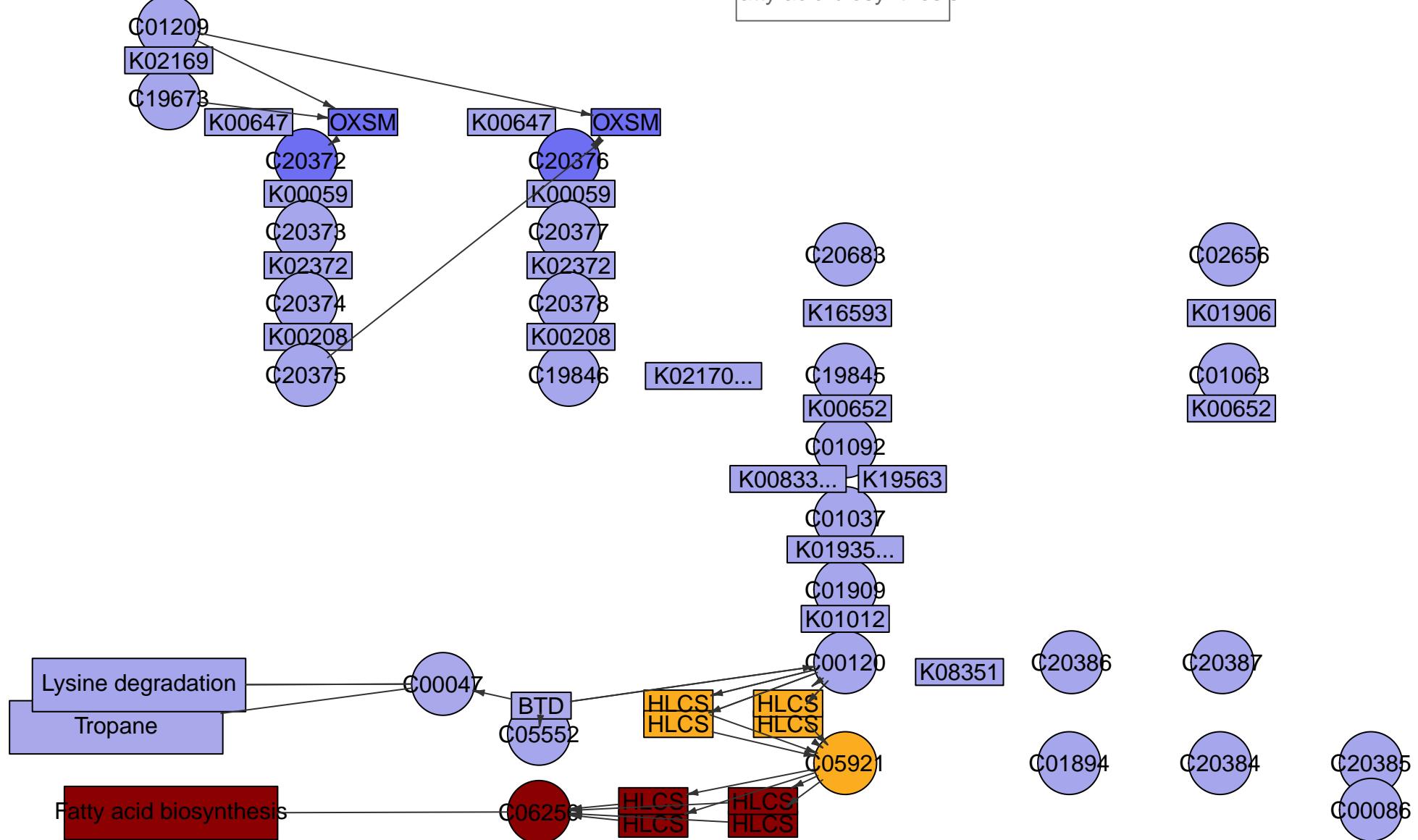
Biotin metabolism
MPI-149

Fatty acid biosynthesis



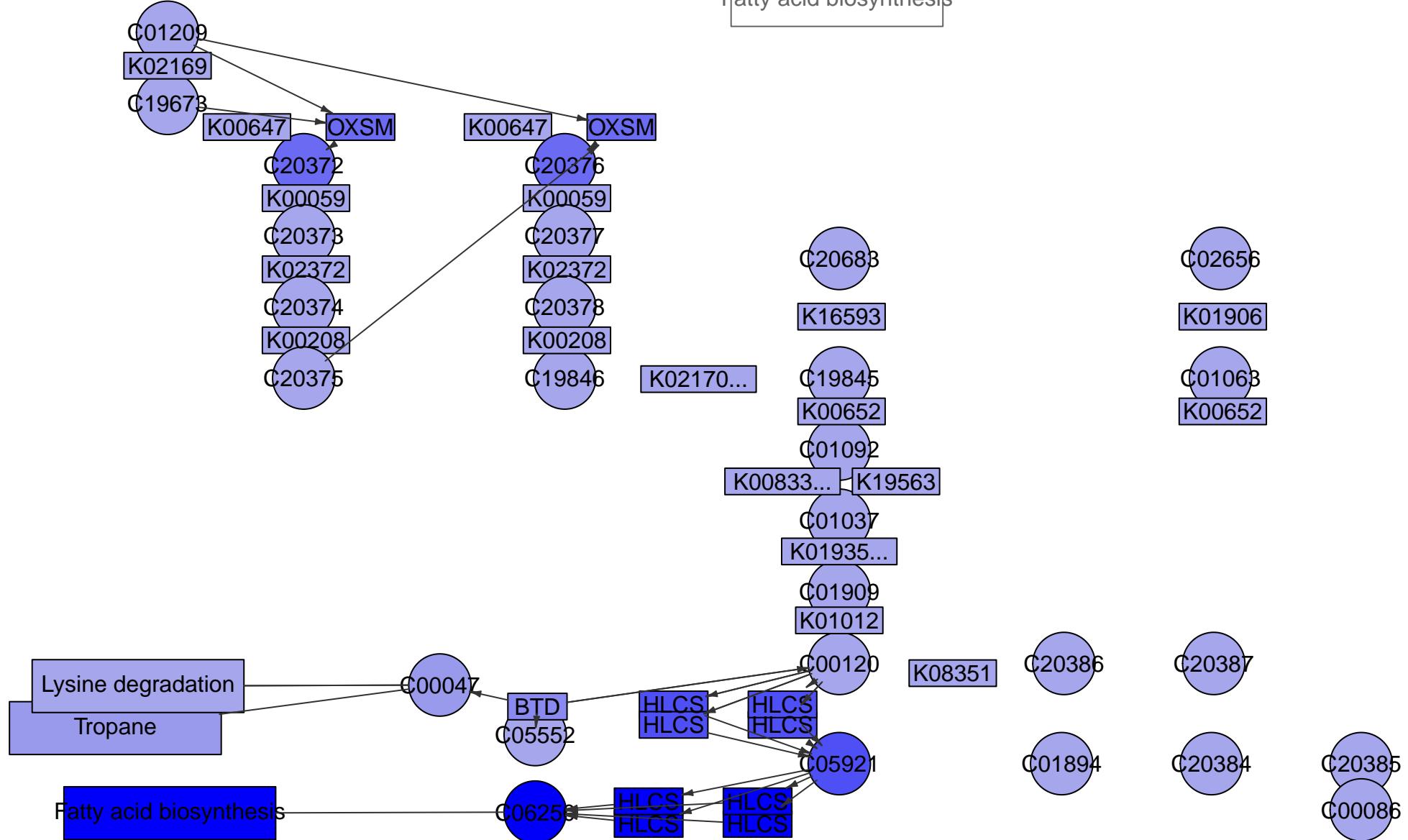
Biotin metabolism
MPI-150

Fatty acid biosynthesis



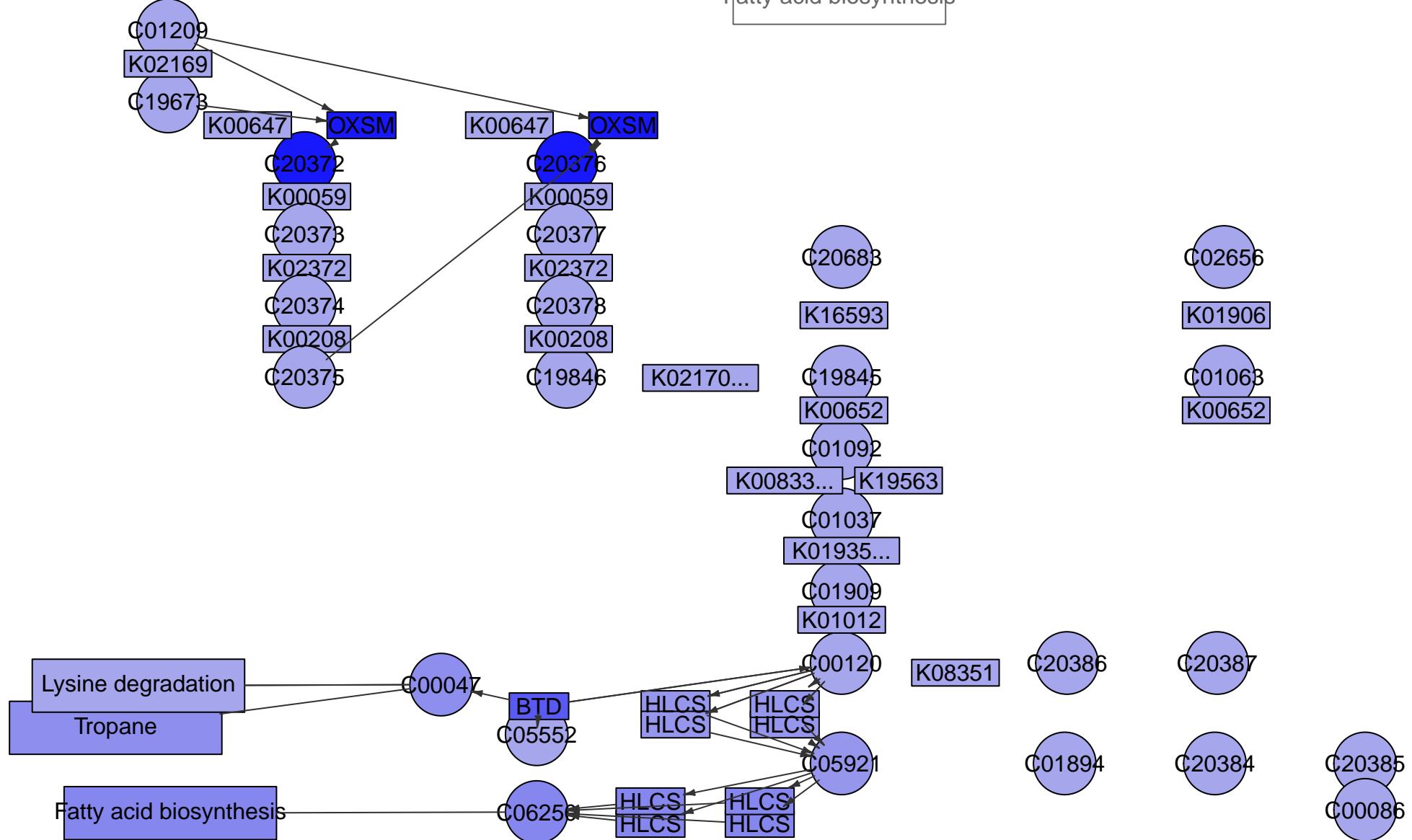
Biotin metabolism
MPI-151

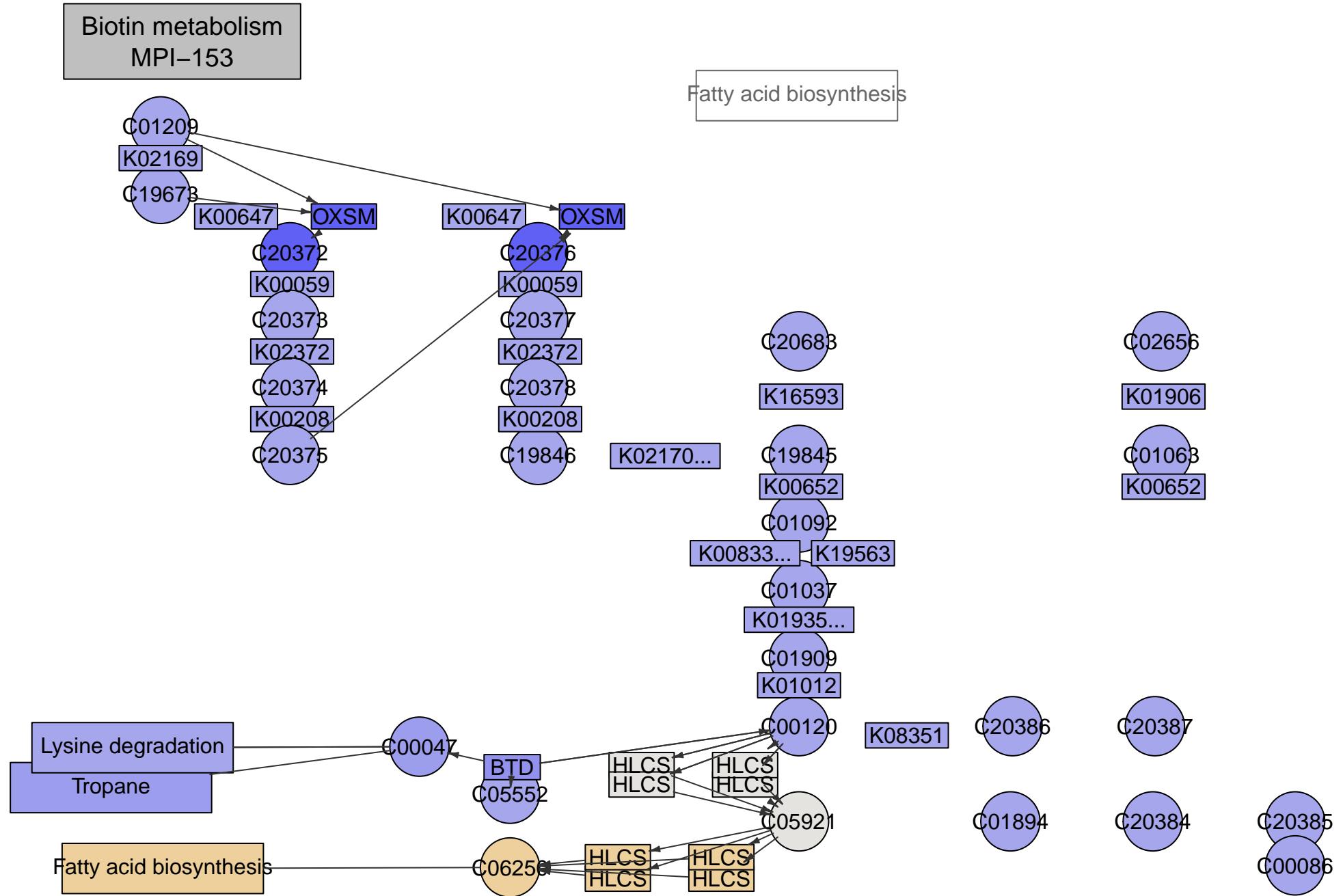
Fatty acid biosynthesis



Biotin metabolism
MPI-152

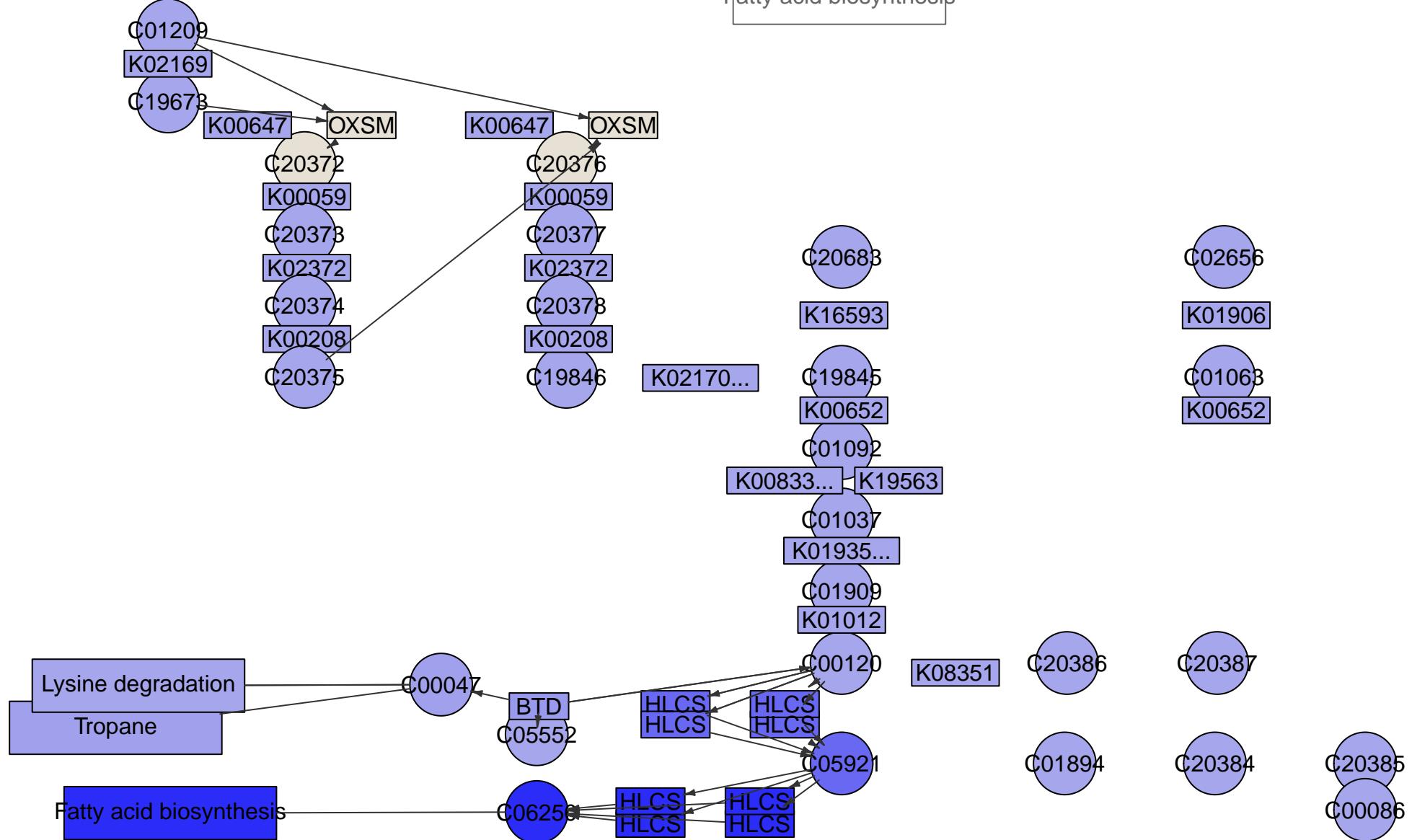
Fatty acid biosynthesis





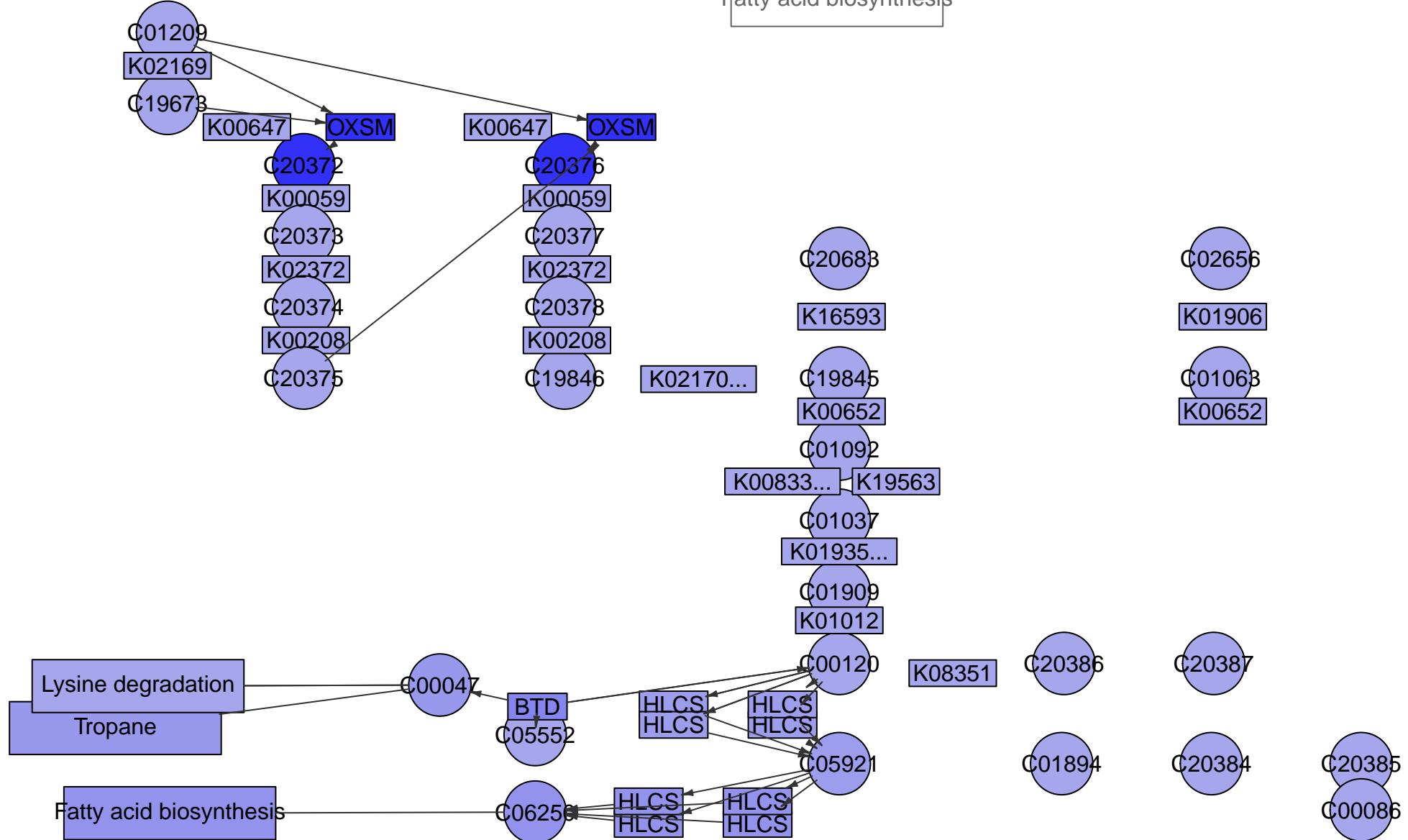
Biotin metabolism
MPI-154

Fatty acid biosynthesis



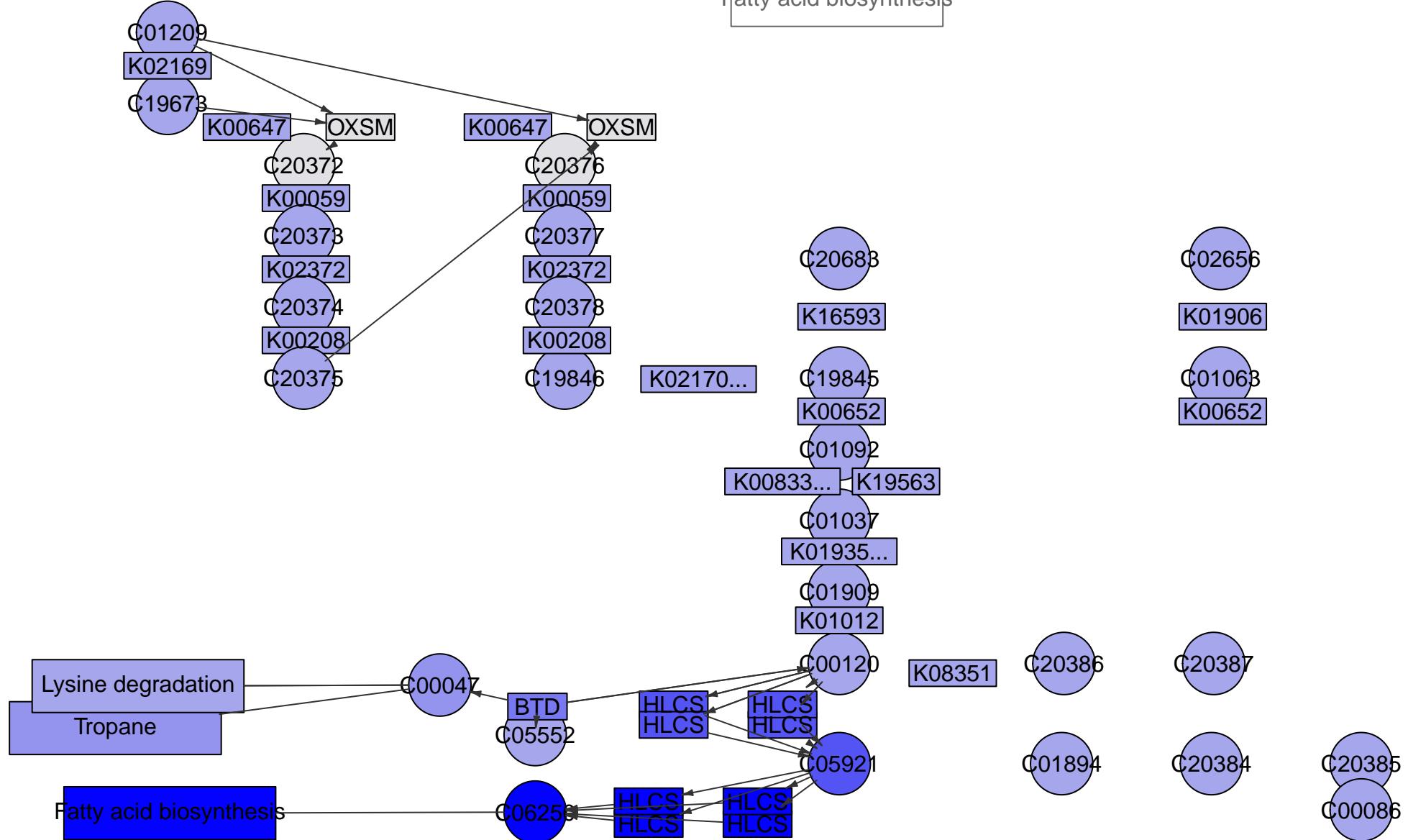
Biotin metabolism
MPI-155

Fatty acid biosynthesis



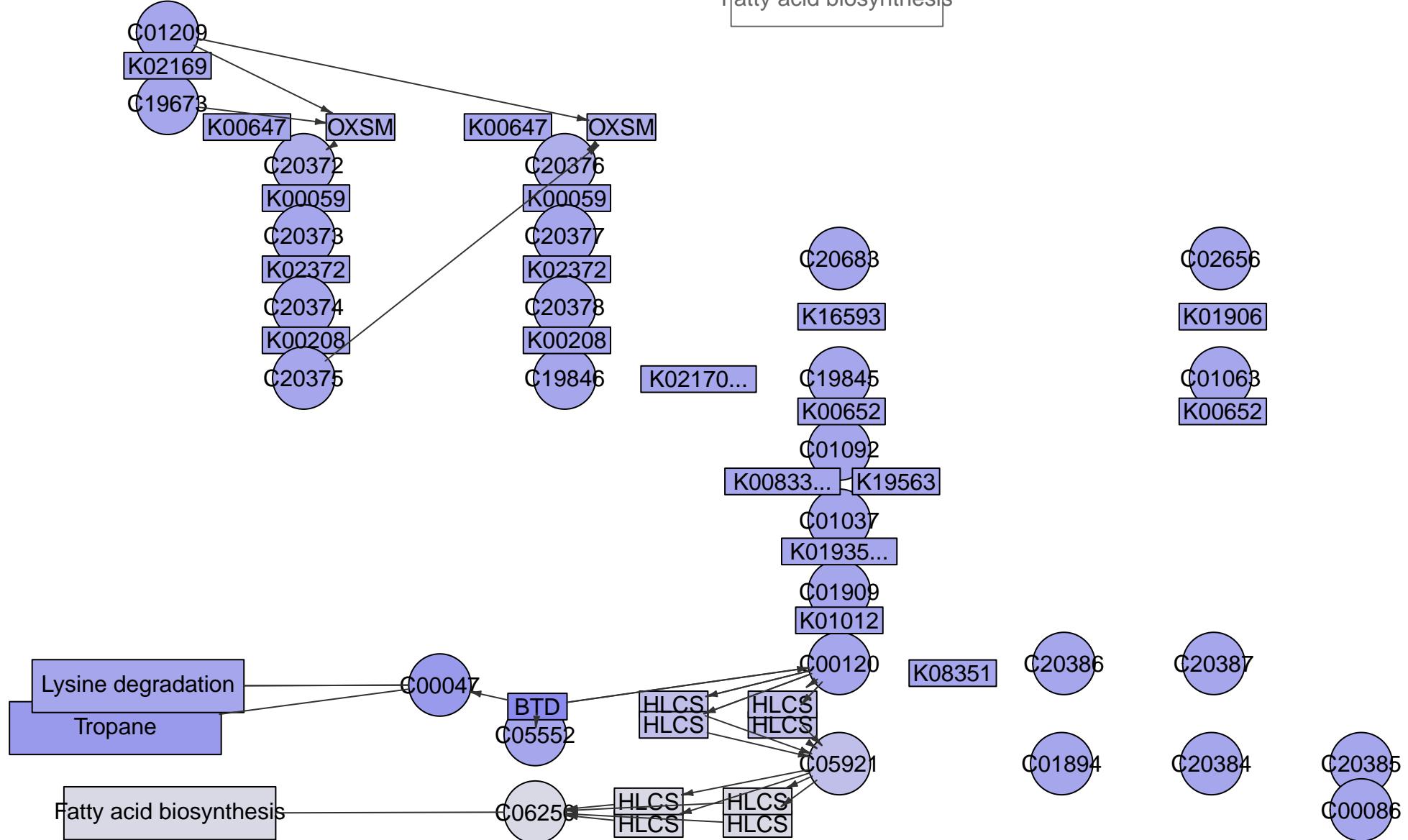
Biotin metabolism
MPI-159

Fatty acid biosynthesis



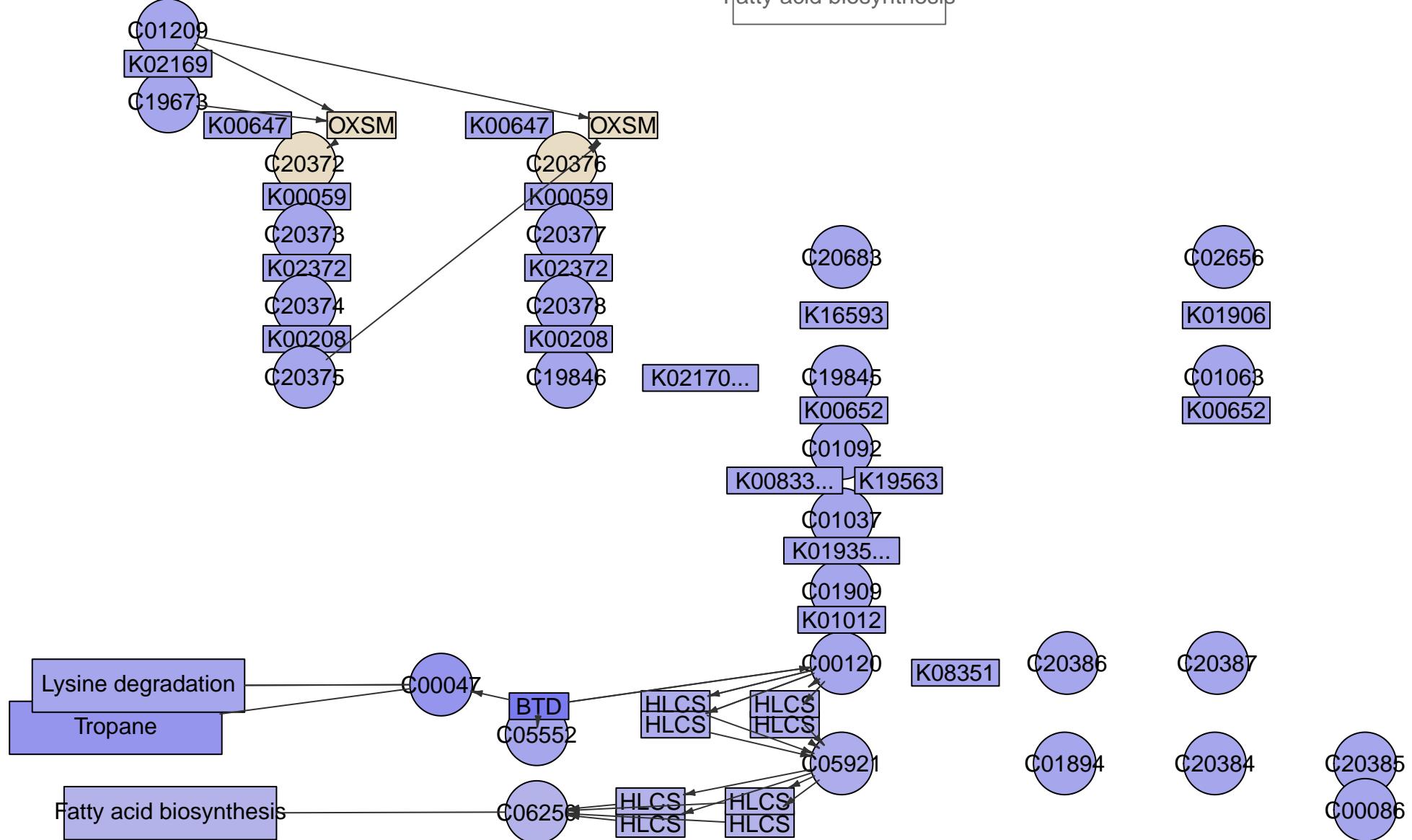
Biotin metabolism
MPI-163

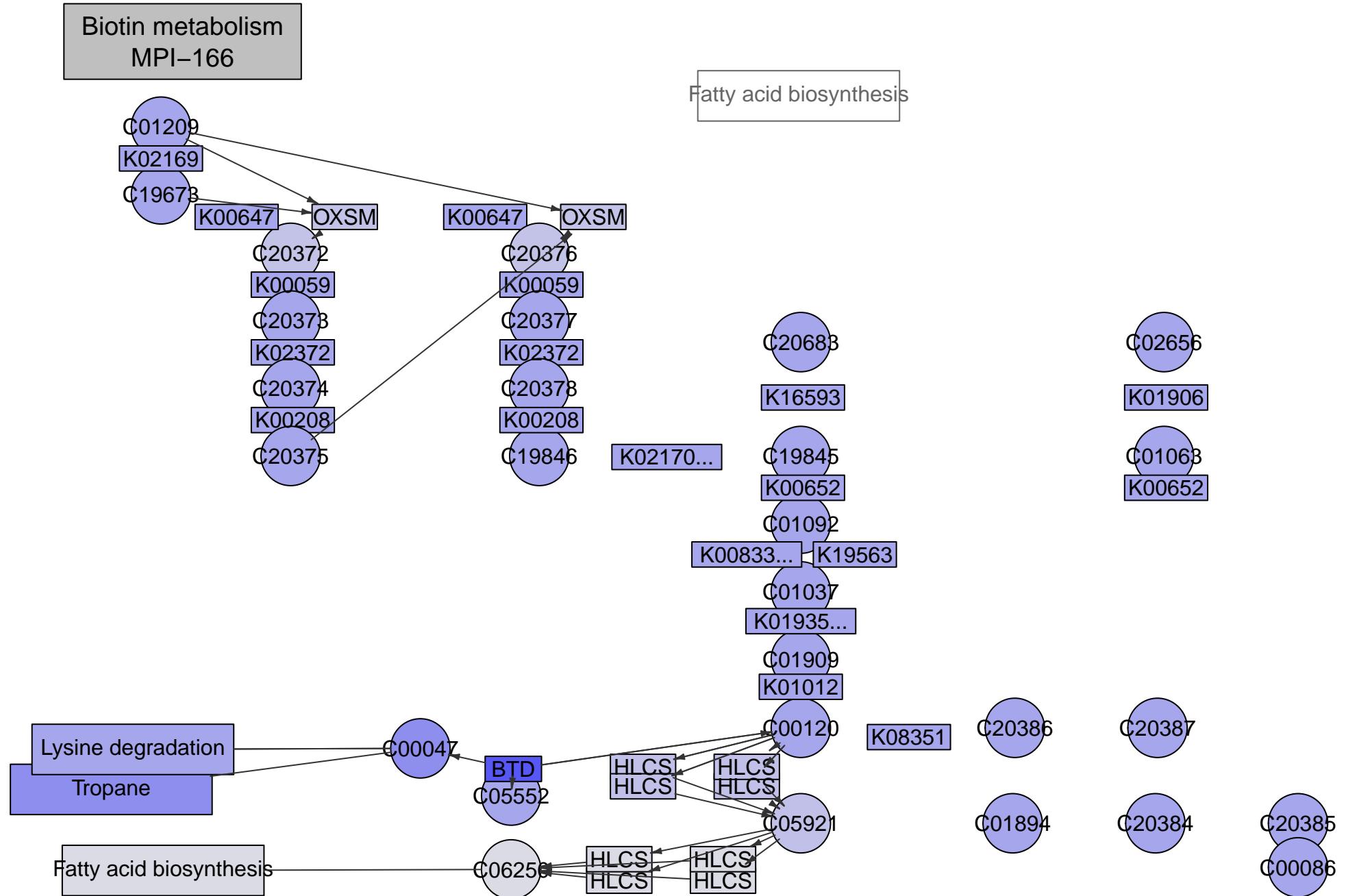
Fatty acid biosynthesis



Biotin metabolism
MPI-164

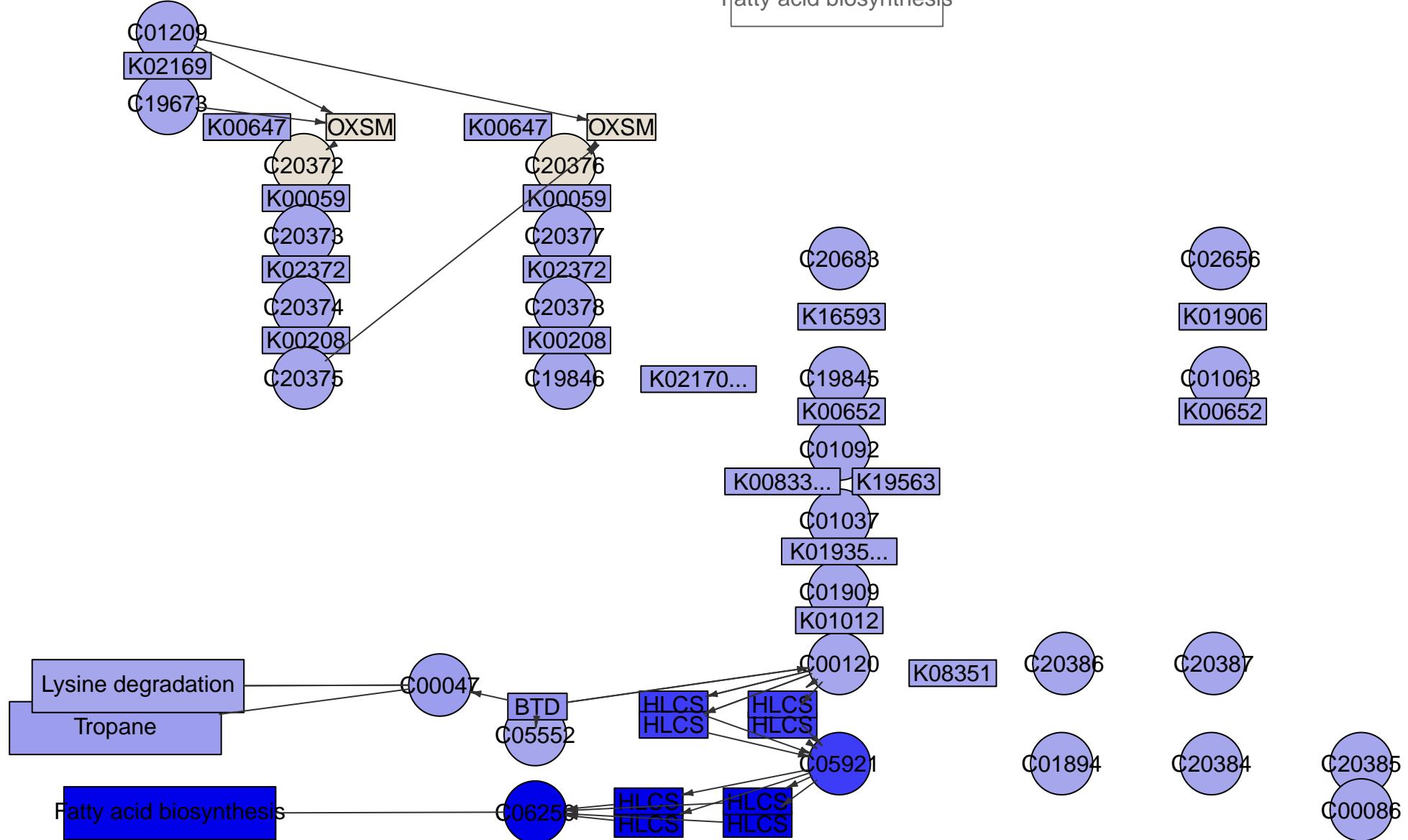
Fatty acid biosynthesis





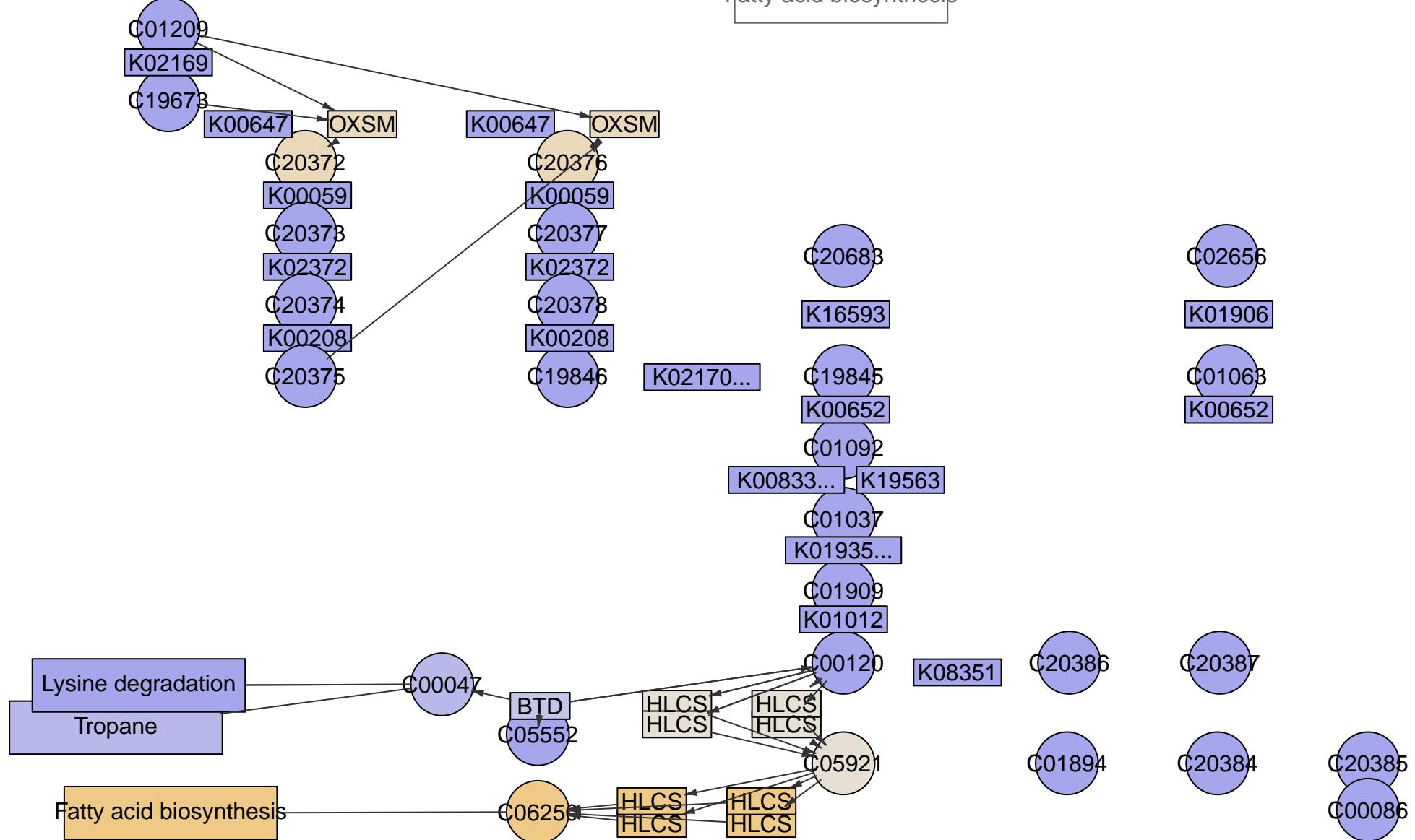
Biotin metabolism
MPI-167

Fatty acid biosynthesis



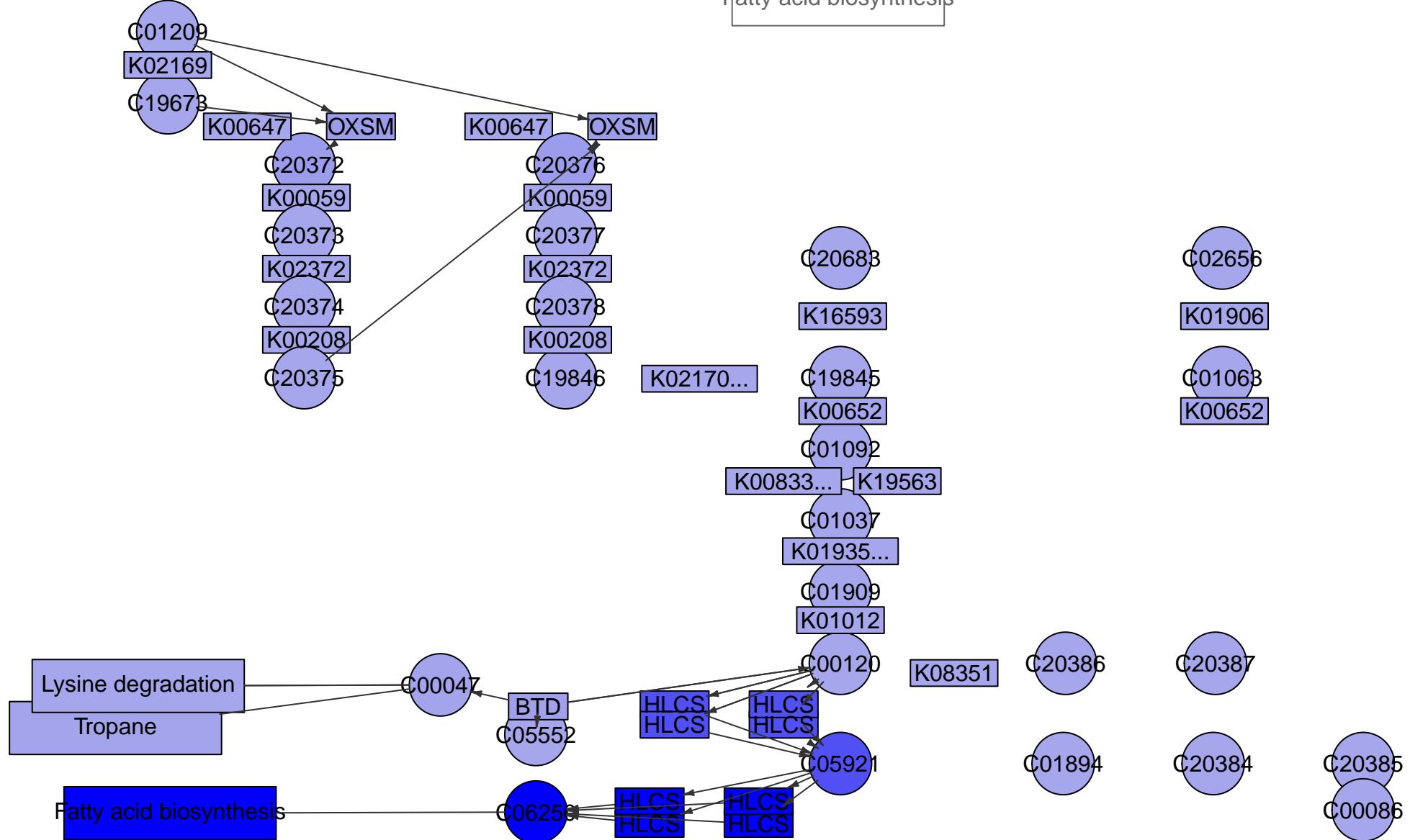
Biotin metabolism
MPI-168

Fatty acid biosynthesis



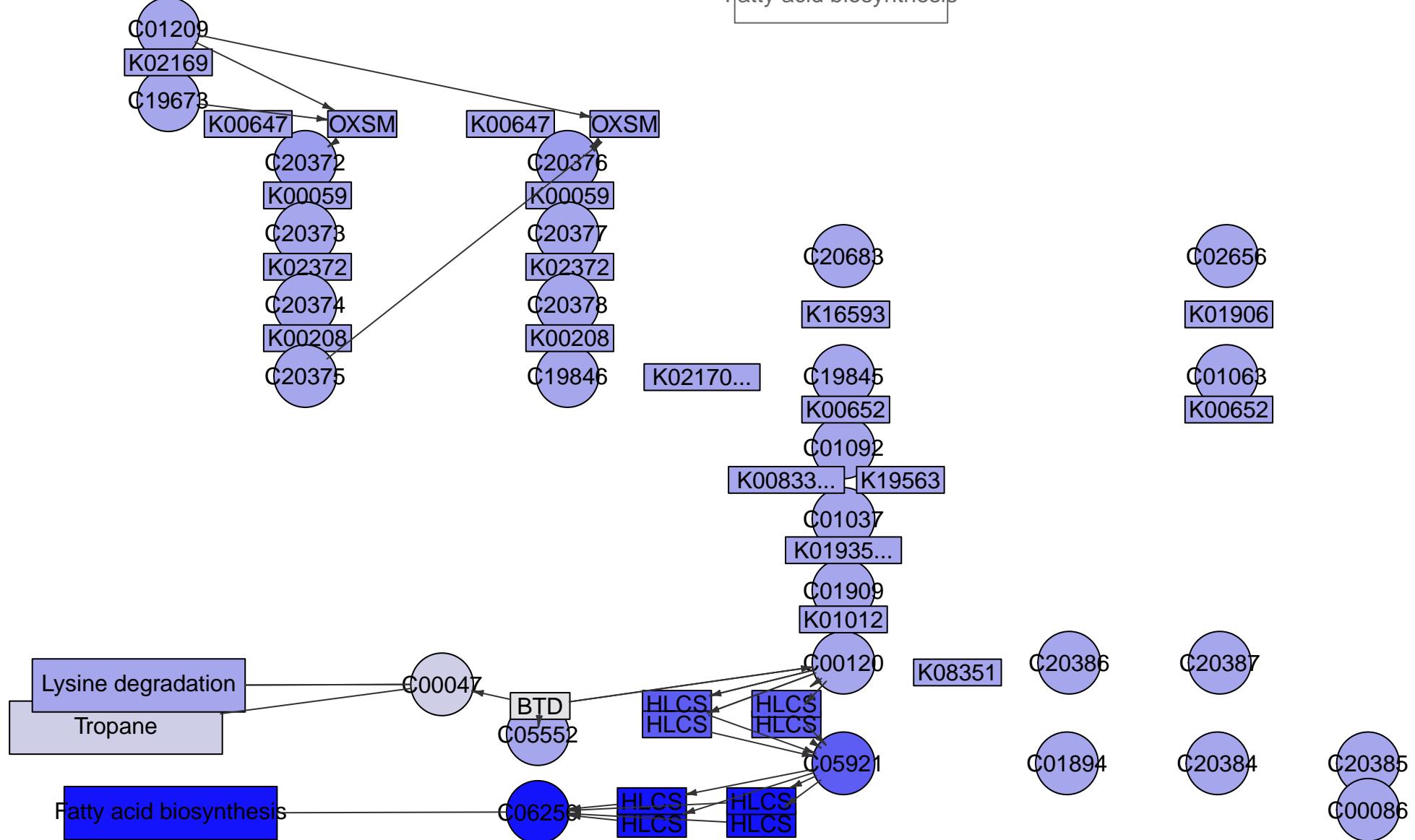
Biotin metabolism
MPI-170

Fatty acid biosynthesis



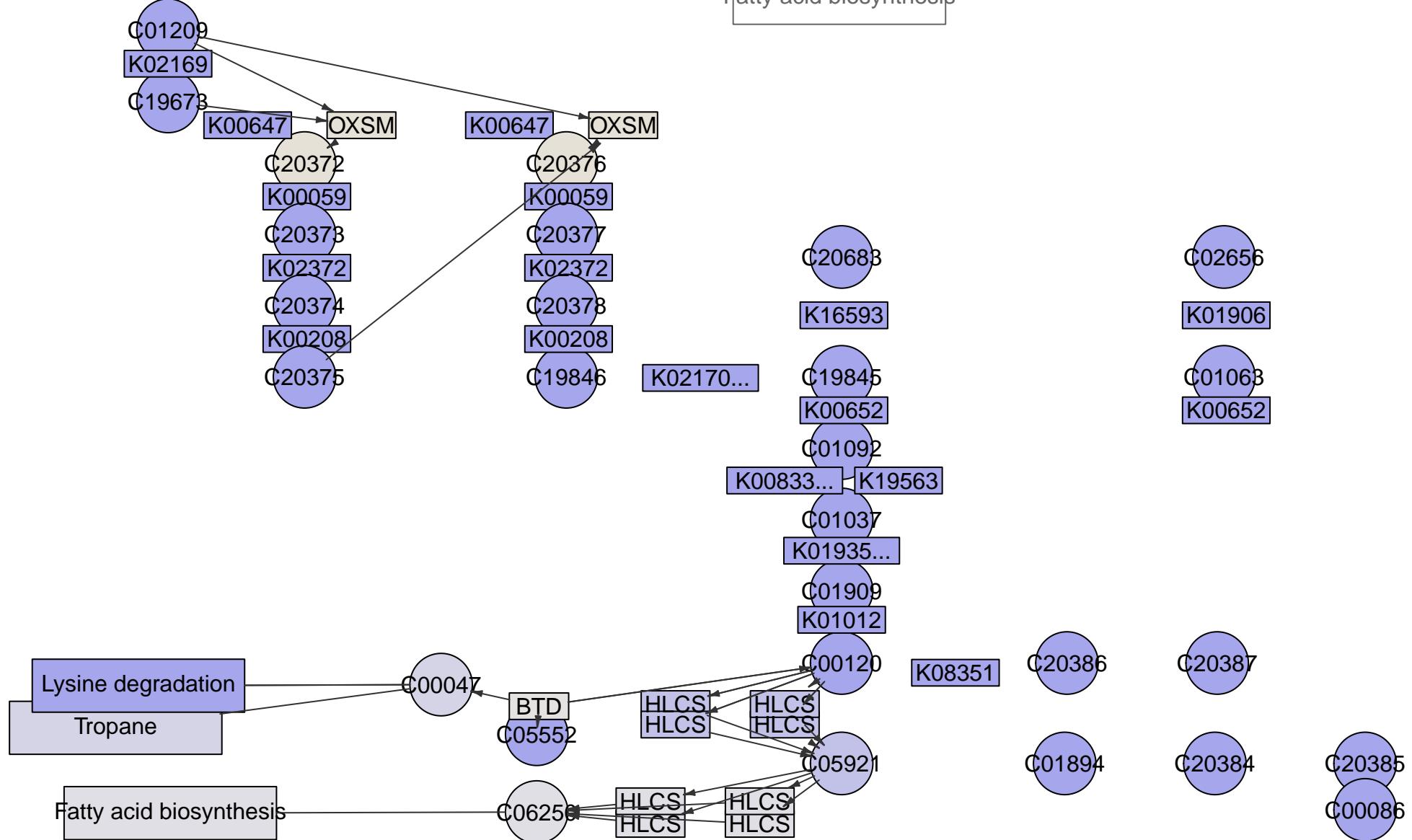
Biotin metabolism
MPI-173

Fatty acid biosynthesis



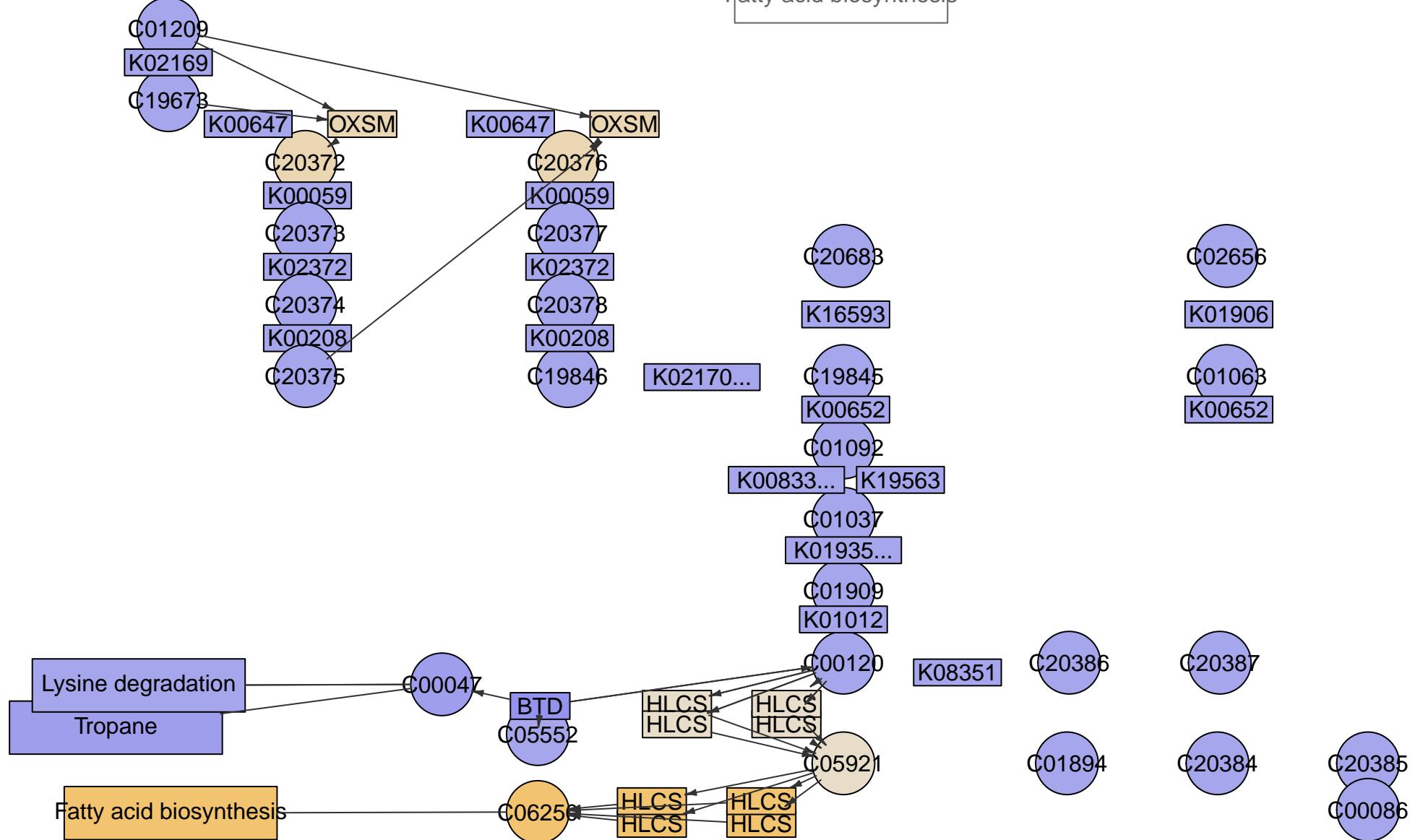
Biotin metabolism
MPI-174

Fatty acid biosynthesis



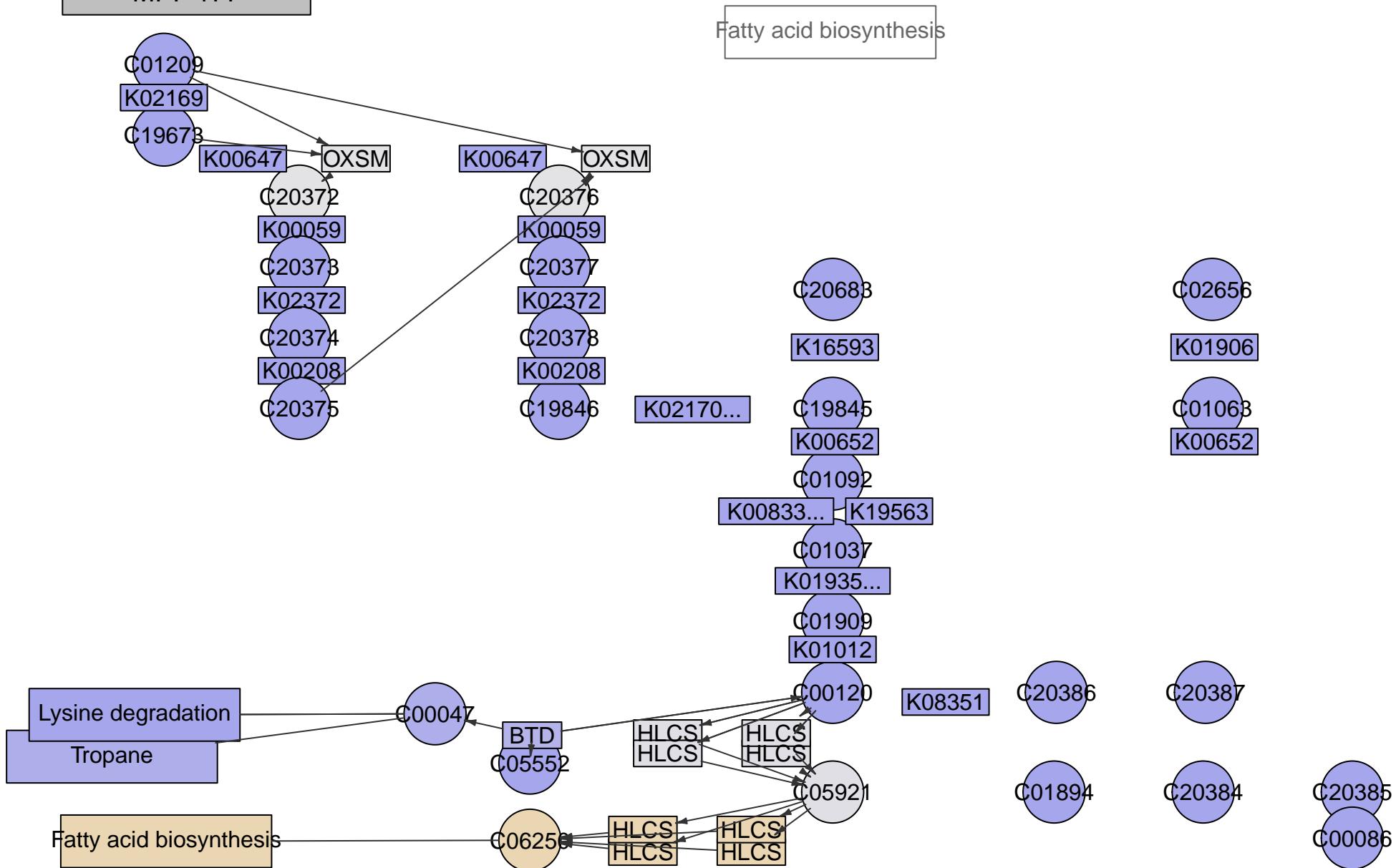
Biotin metabolism
MPI-176

Fatty acid biosynthesis



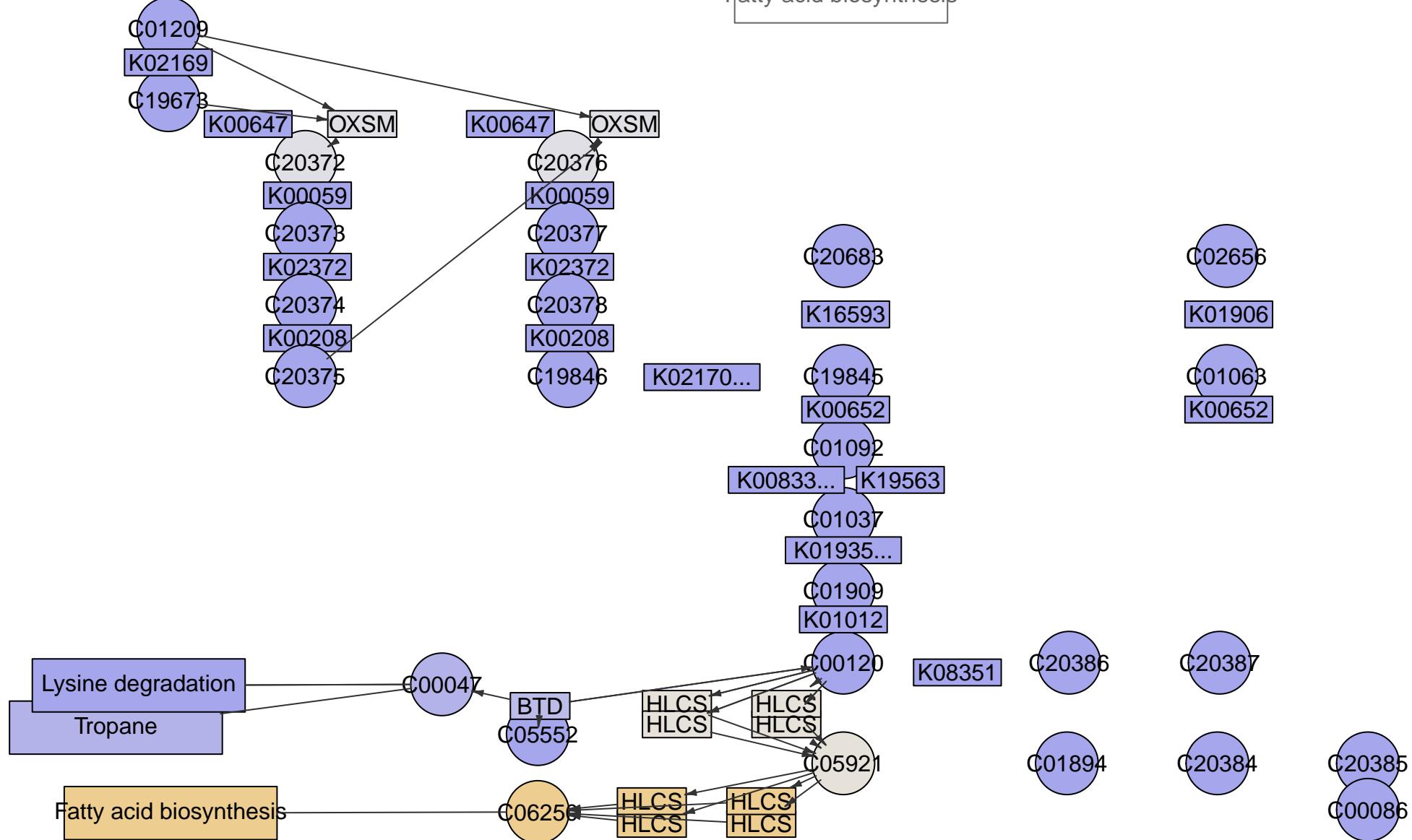
Biotin metabolism

MPI-177



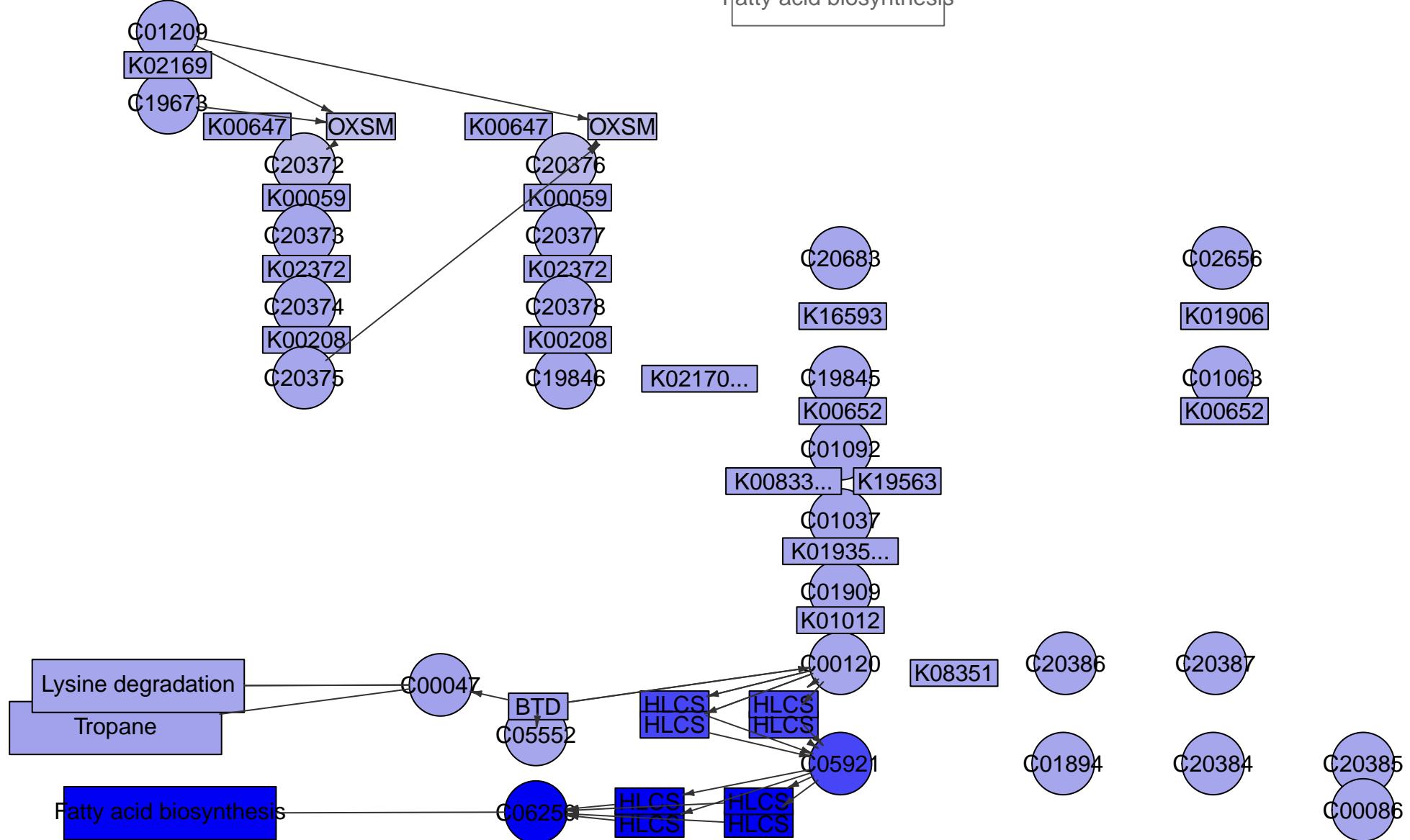
Biotin metabolism
MPI-178

Fatty acid biosynthesis



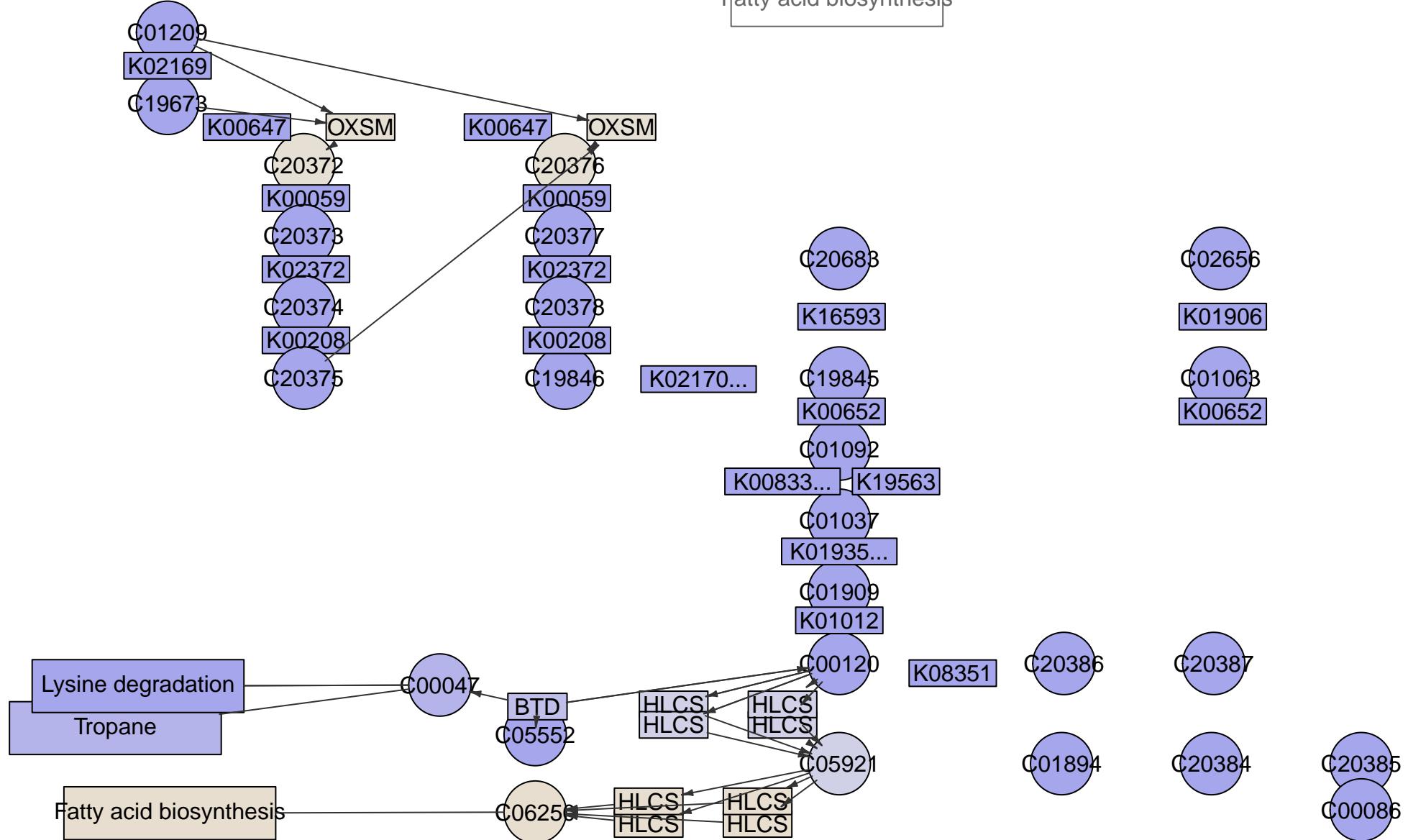
Biotin metabolism
MPI-179

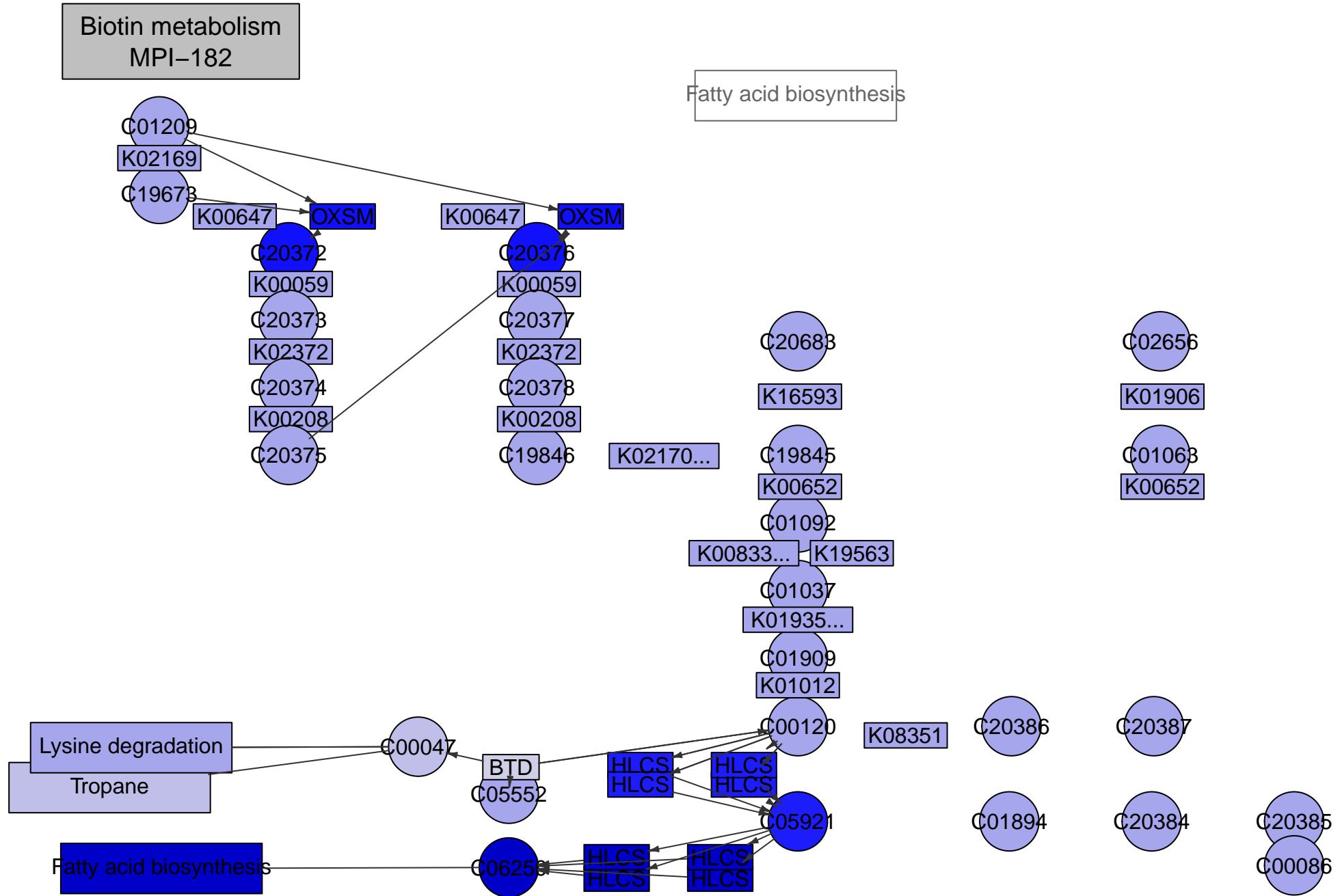
Fatty acid biosynthesis



Biotin metabolism
MPI-180

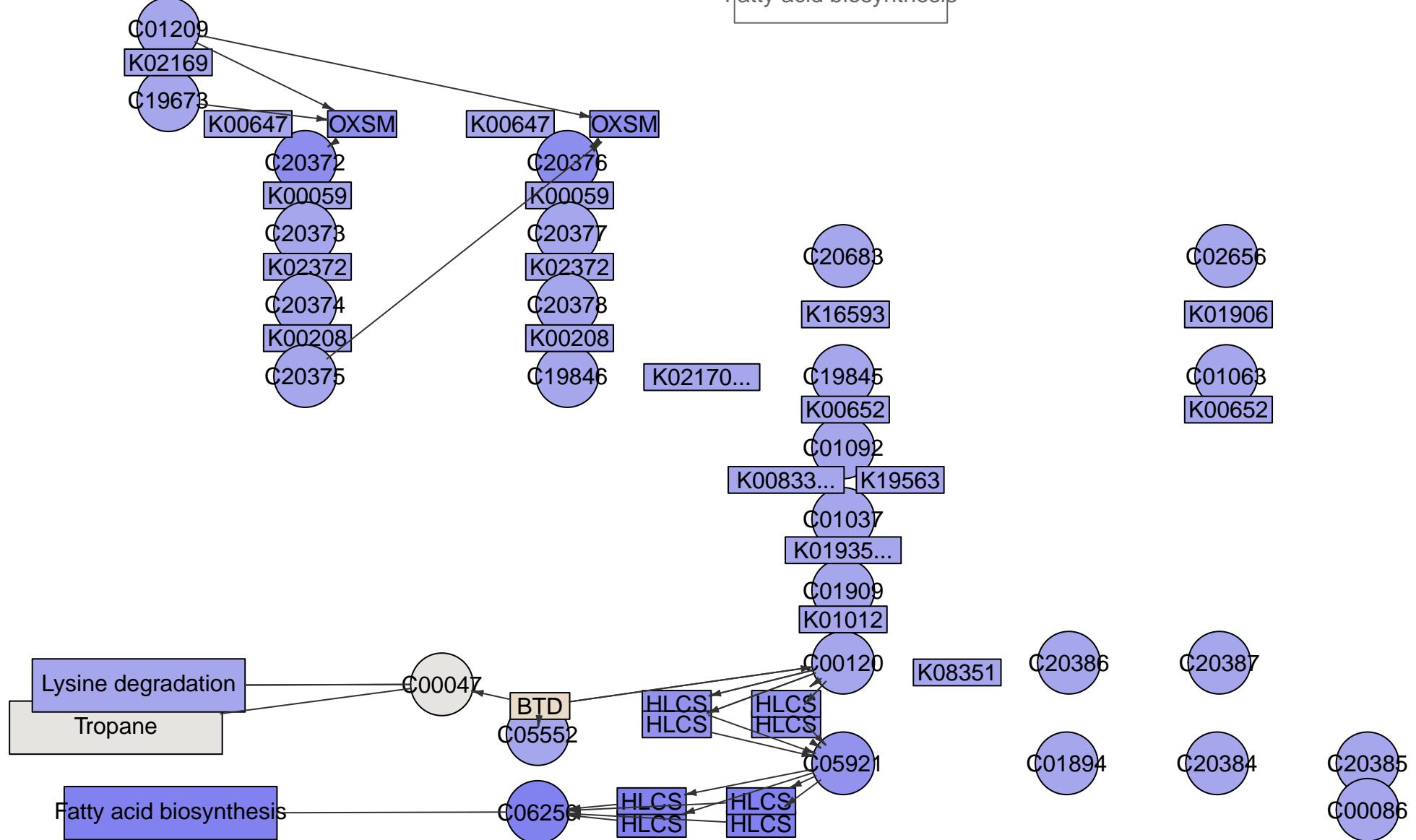
Fatty acid biosynthesis





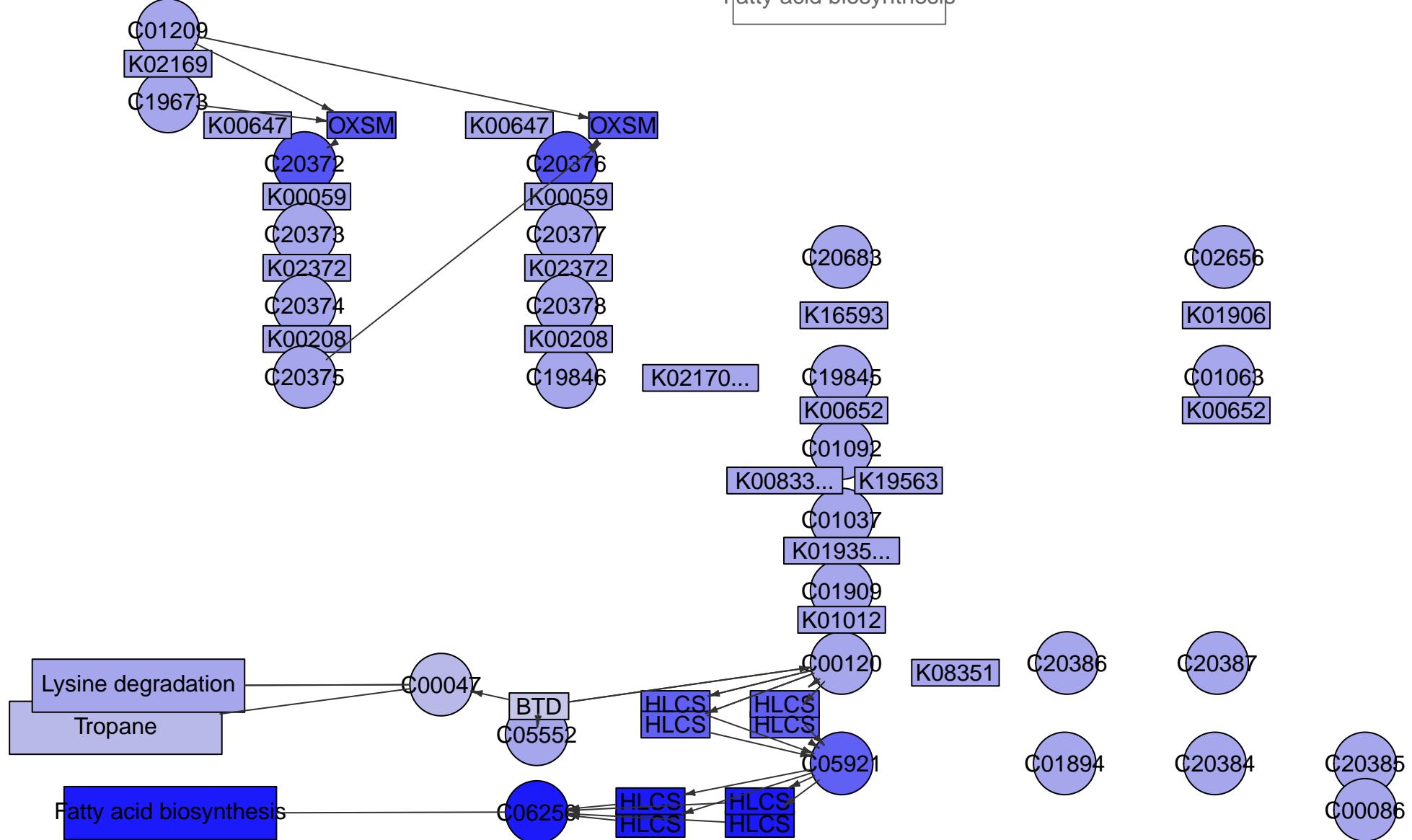
Biotin metabolism
MPI-183

Fatty acid biosynthesis



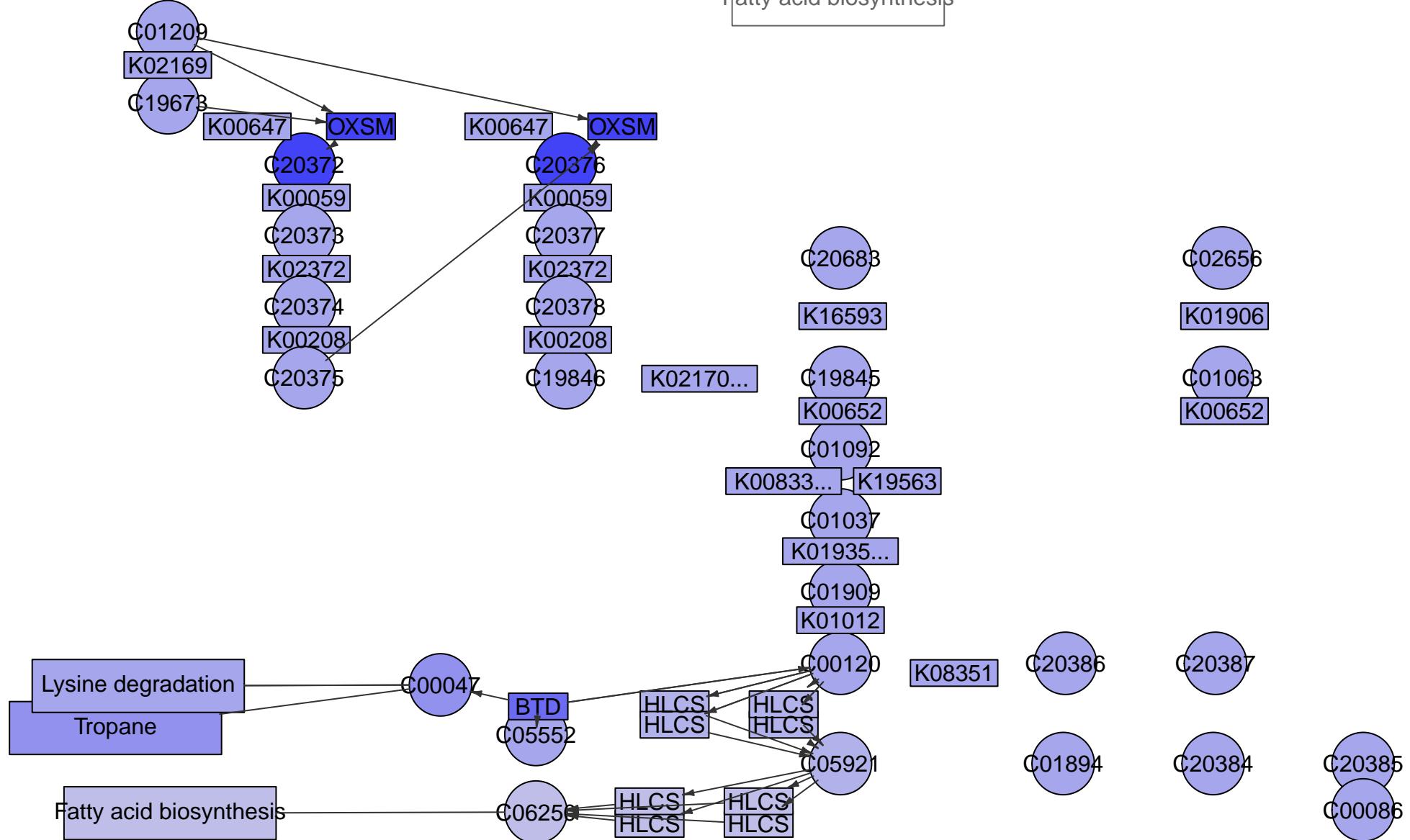
Biotin metabolism
MPI-184

Fatty acid biosynthesis



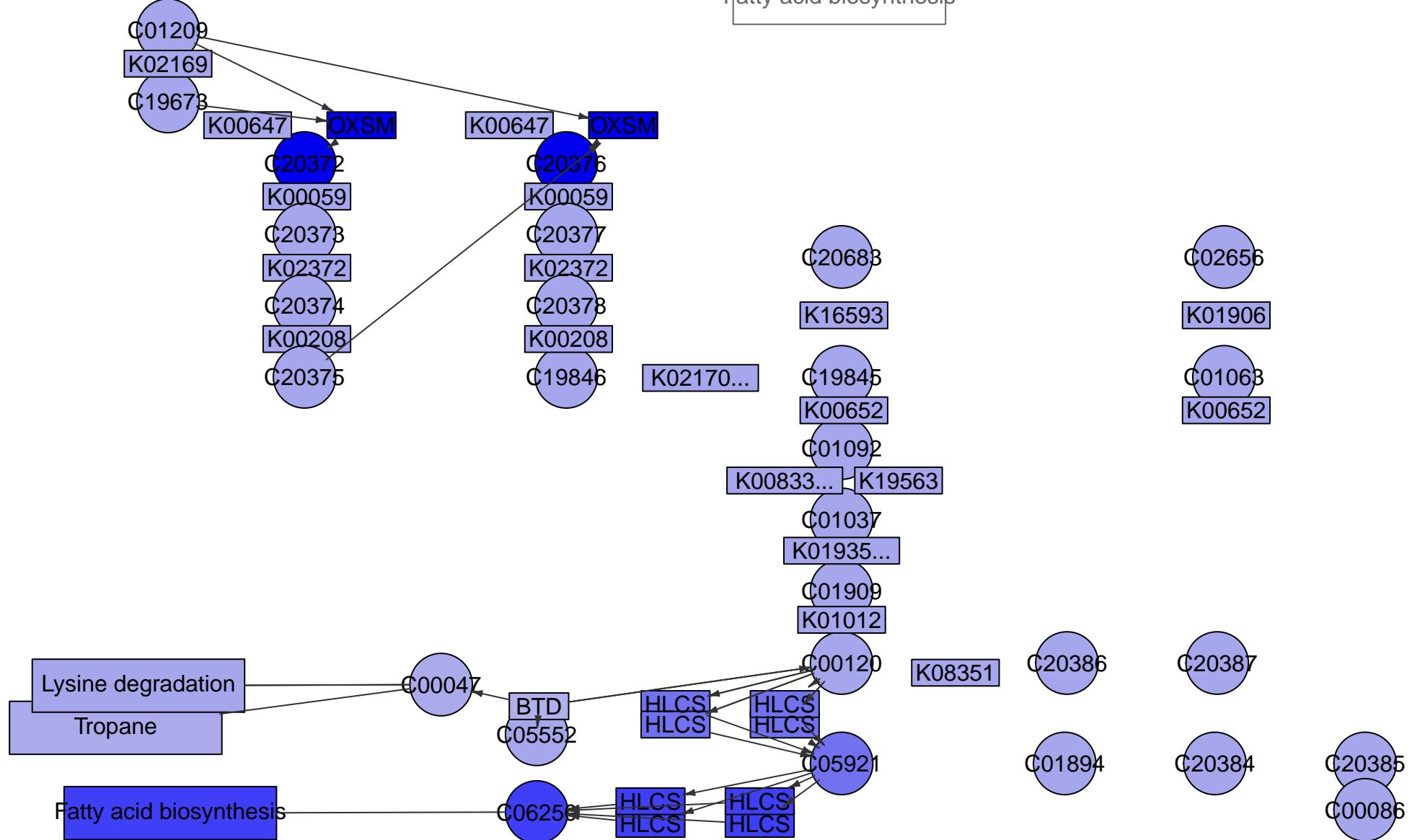
Biotin metabolism
MPI-185

Fatty acid biosynthesis



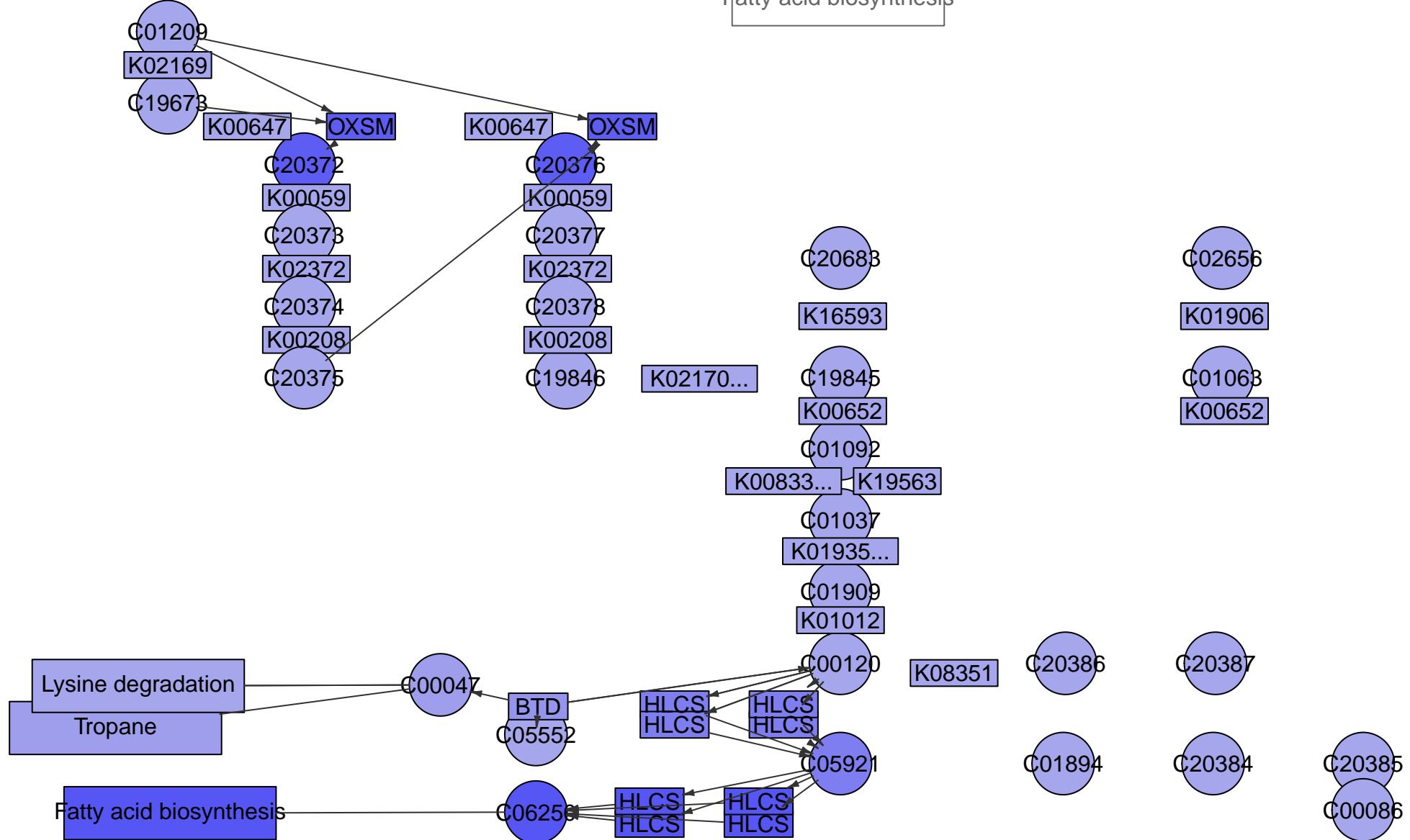
Biotin metabolism
MPI-186

Fatty acid biosynthesis



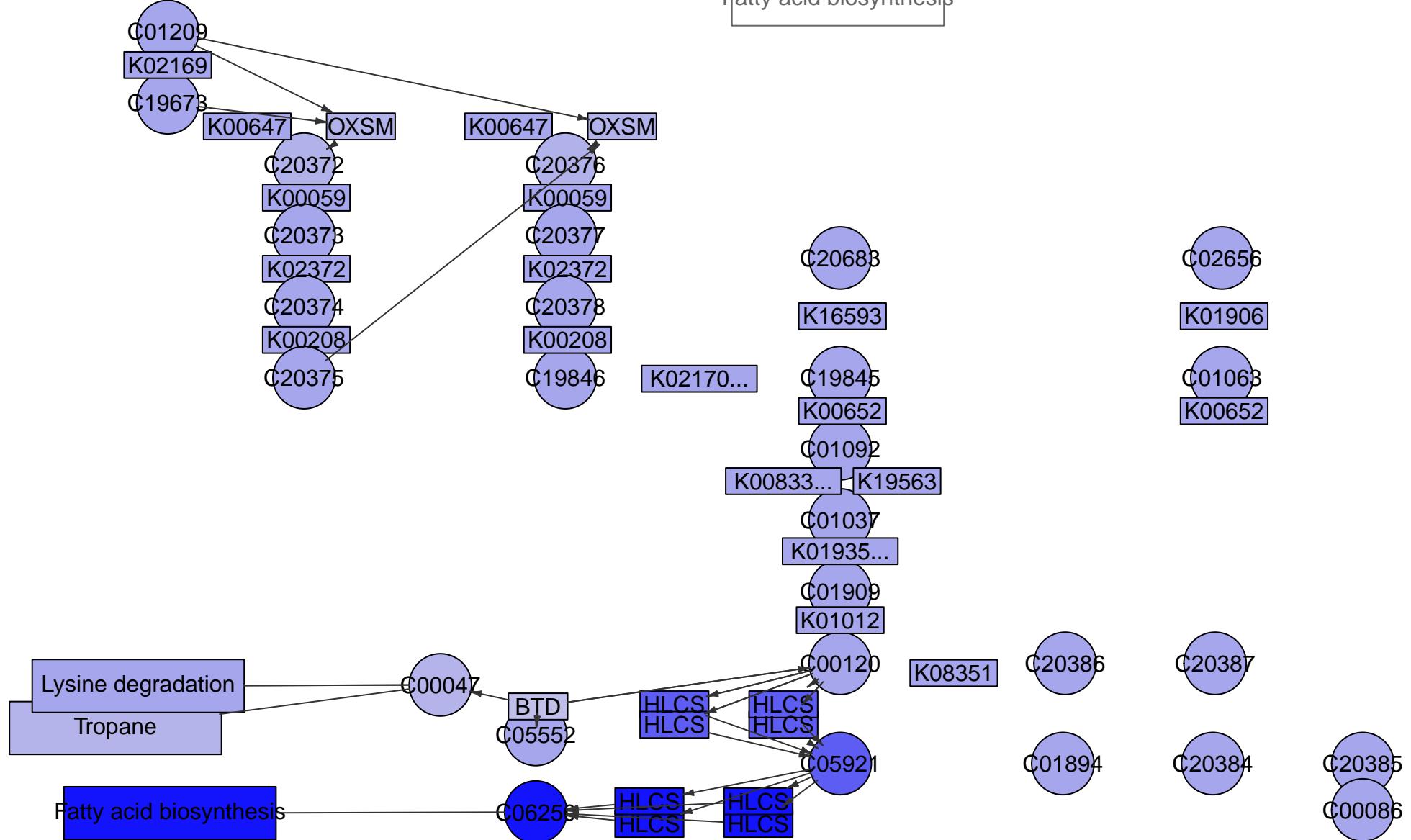
Biotin metabolism
MPI-188

Fatty acid biosynthesis



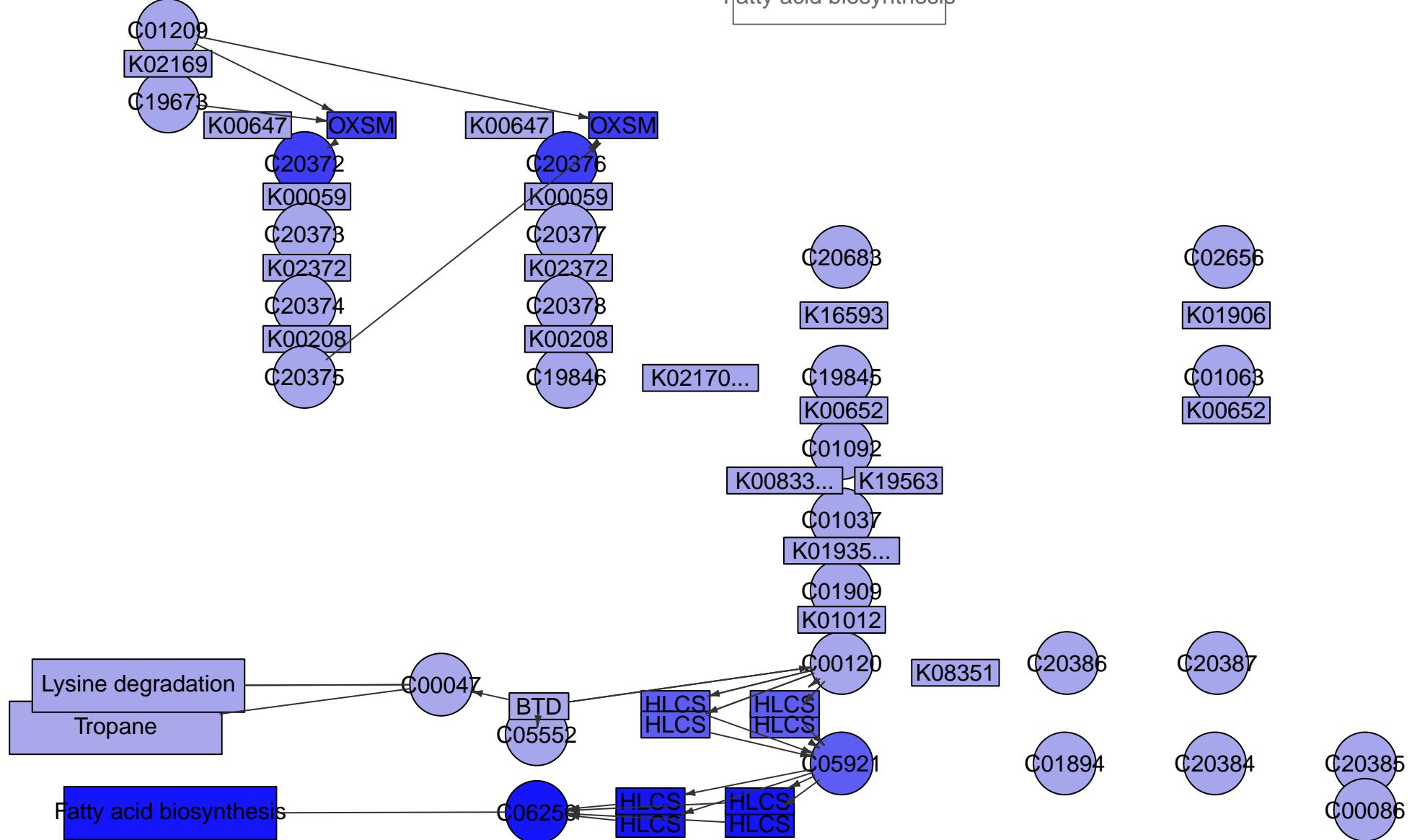
Biotin metabolism
MPI-189

Fatty acid biosynthesis



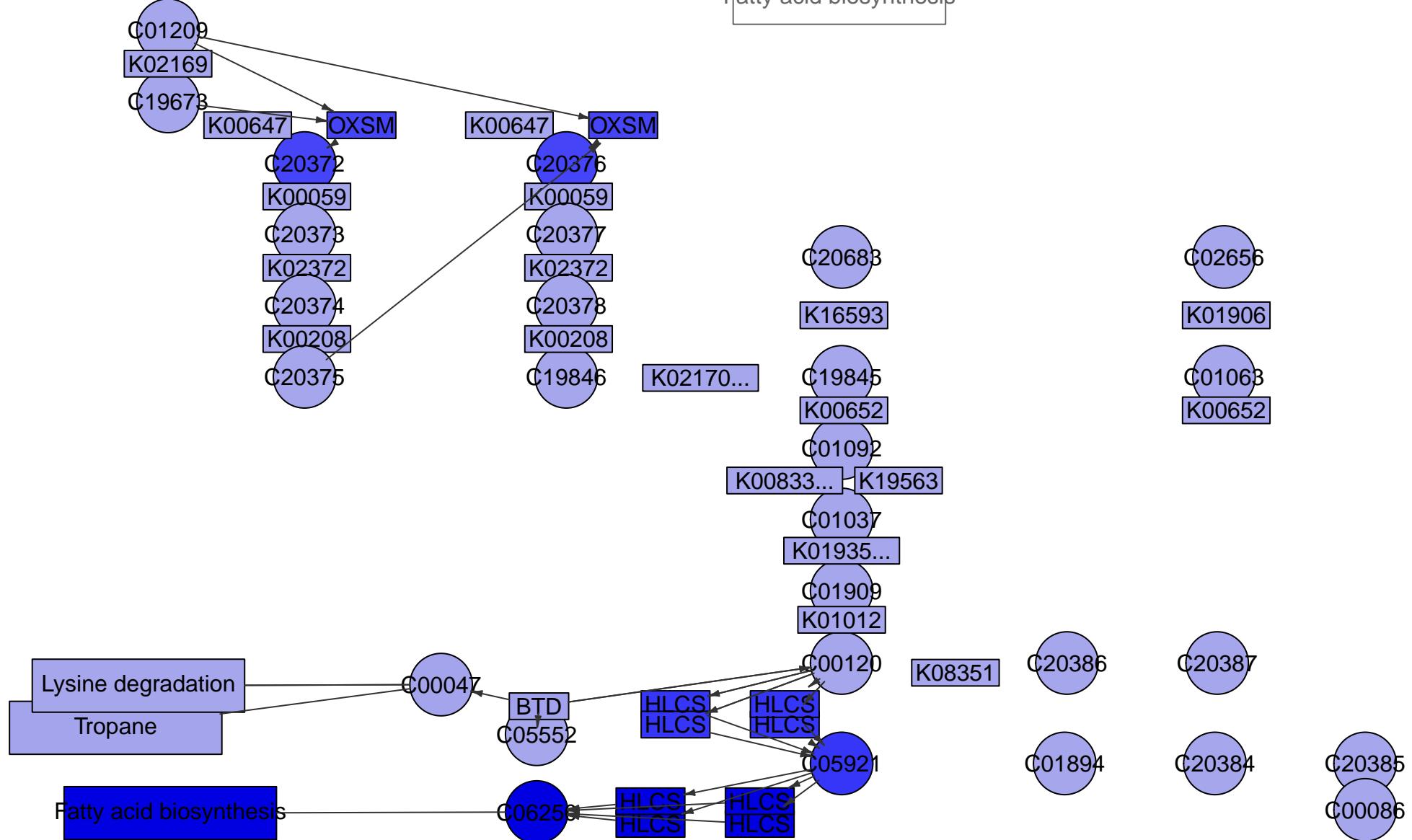
Biotin metabolism
MPI-190

Fatty acid biosynthesis



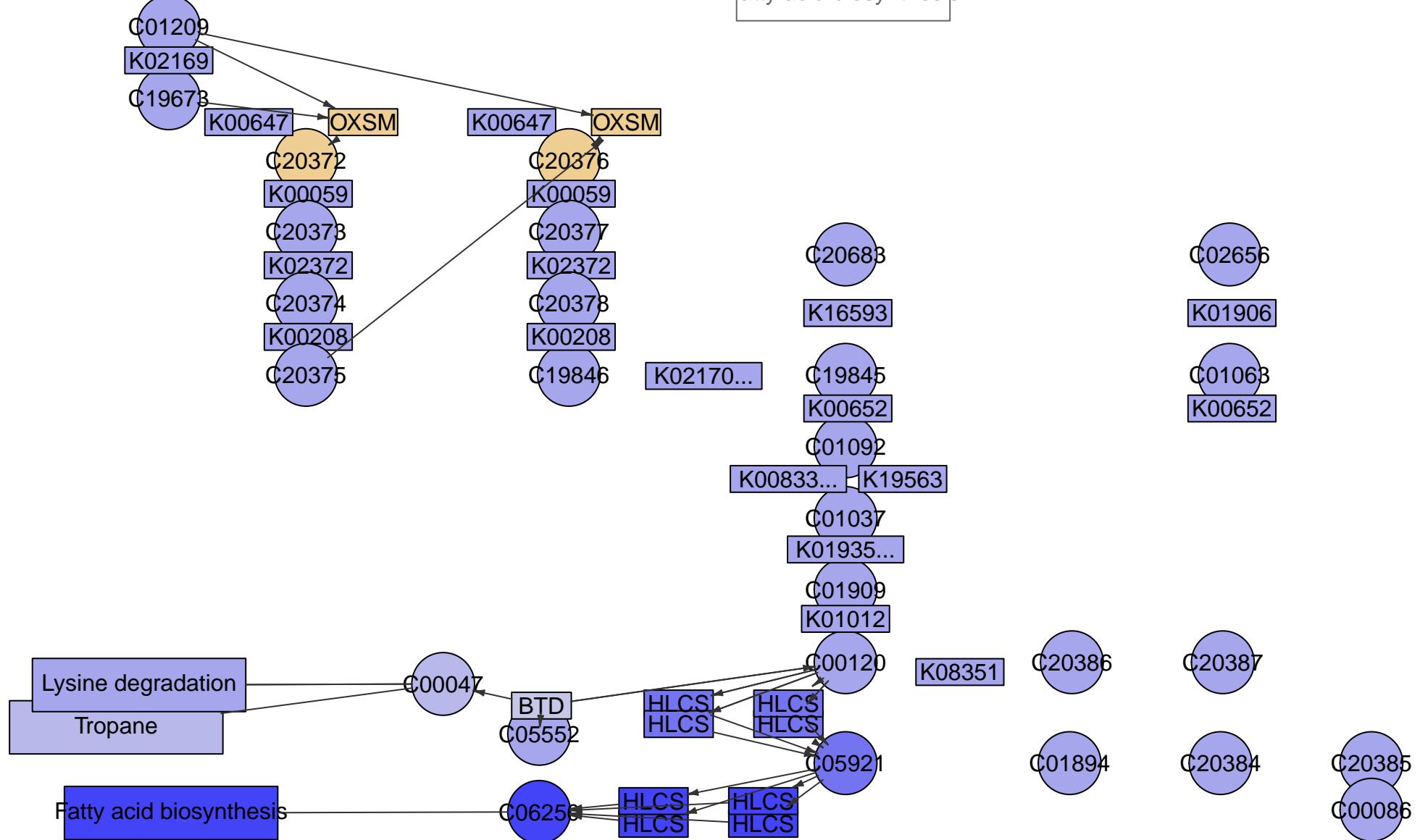
Biotin metabolism
MPI-191

Fatty acid biosynthesis



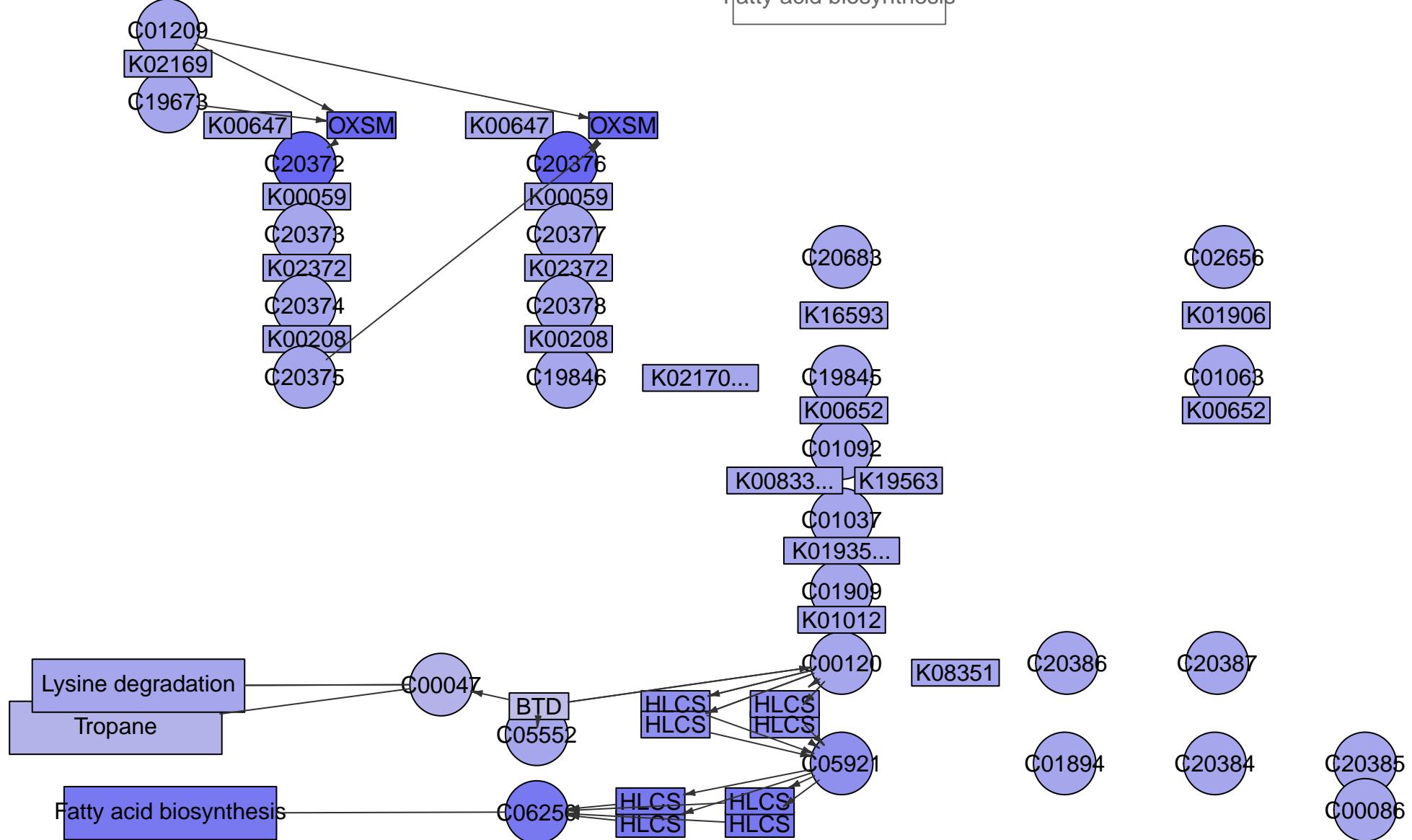
Biotin metabolism
MPI-192

Fatty acid biosynthesis



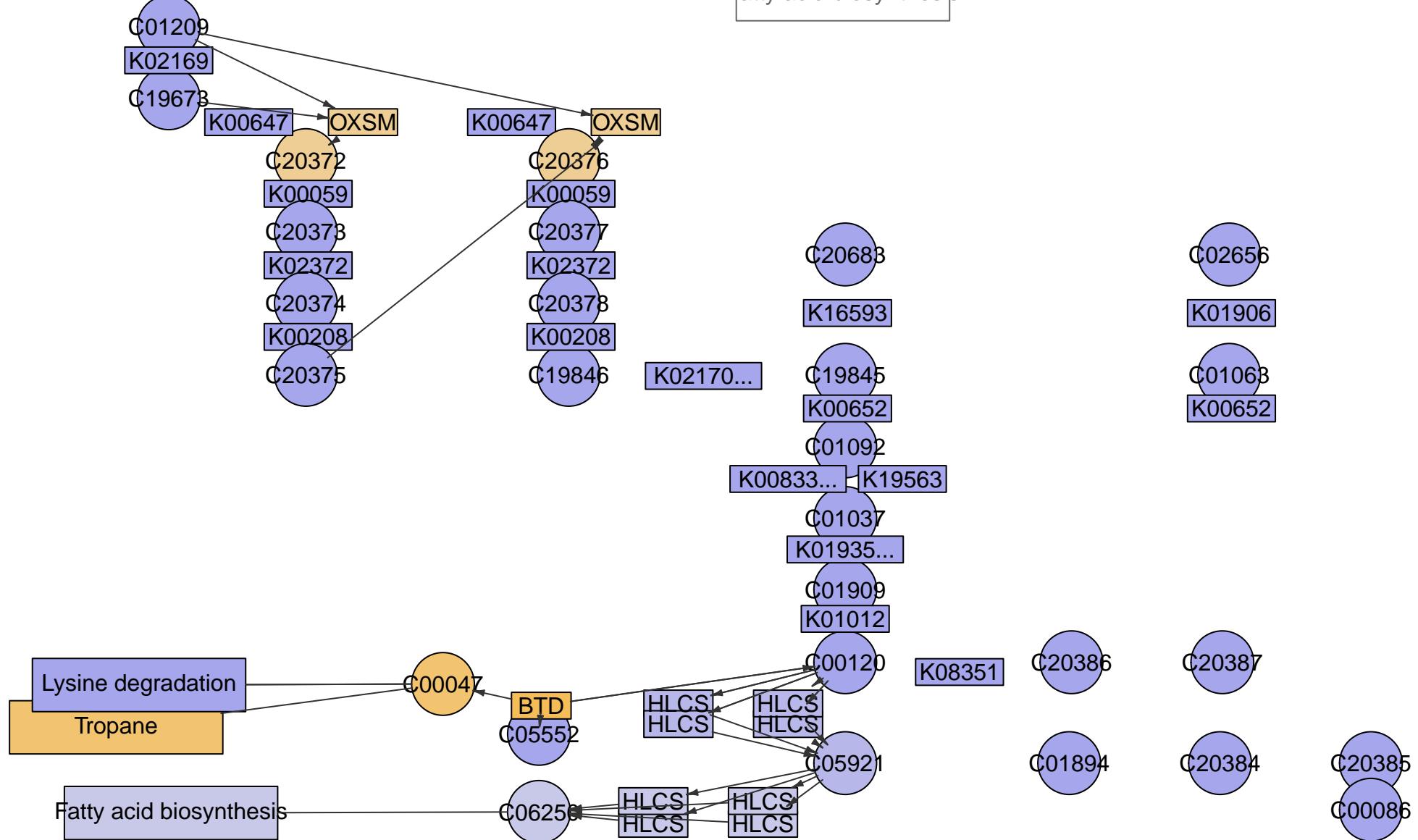
Biotin metabolism
MPI-194

Fatty acid biosynthesis



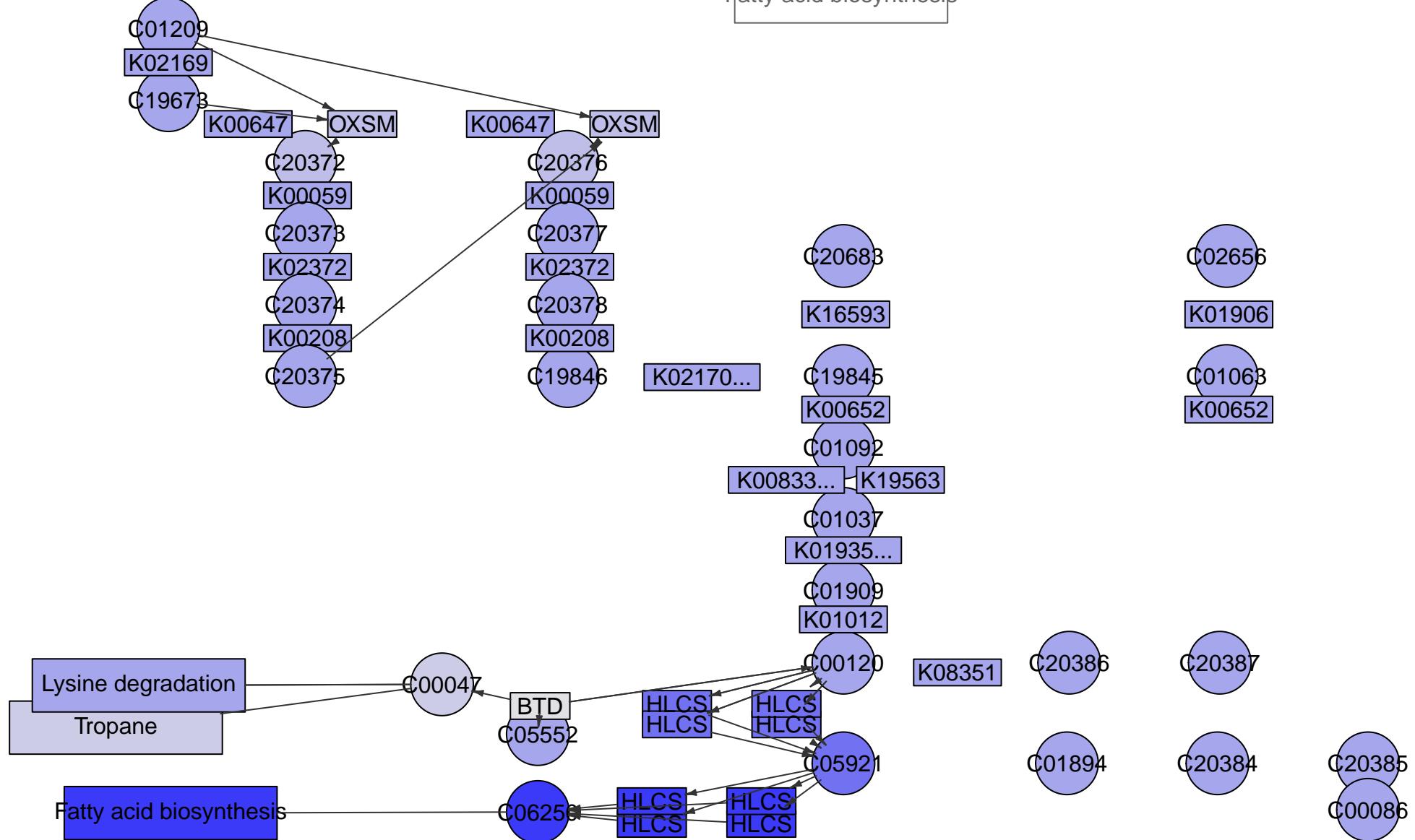
Biotin metabolism
MPI-195

Fatty acid biosynthesis



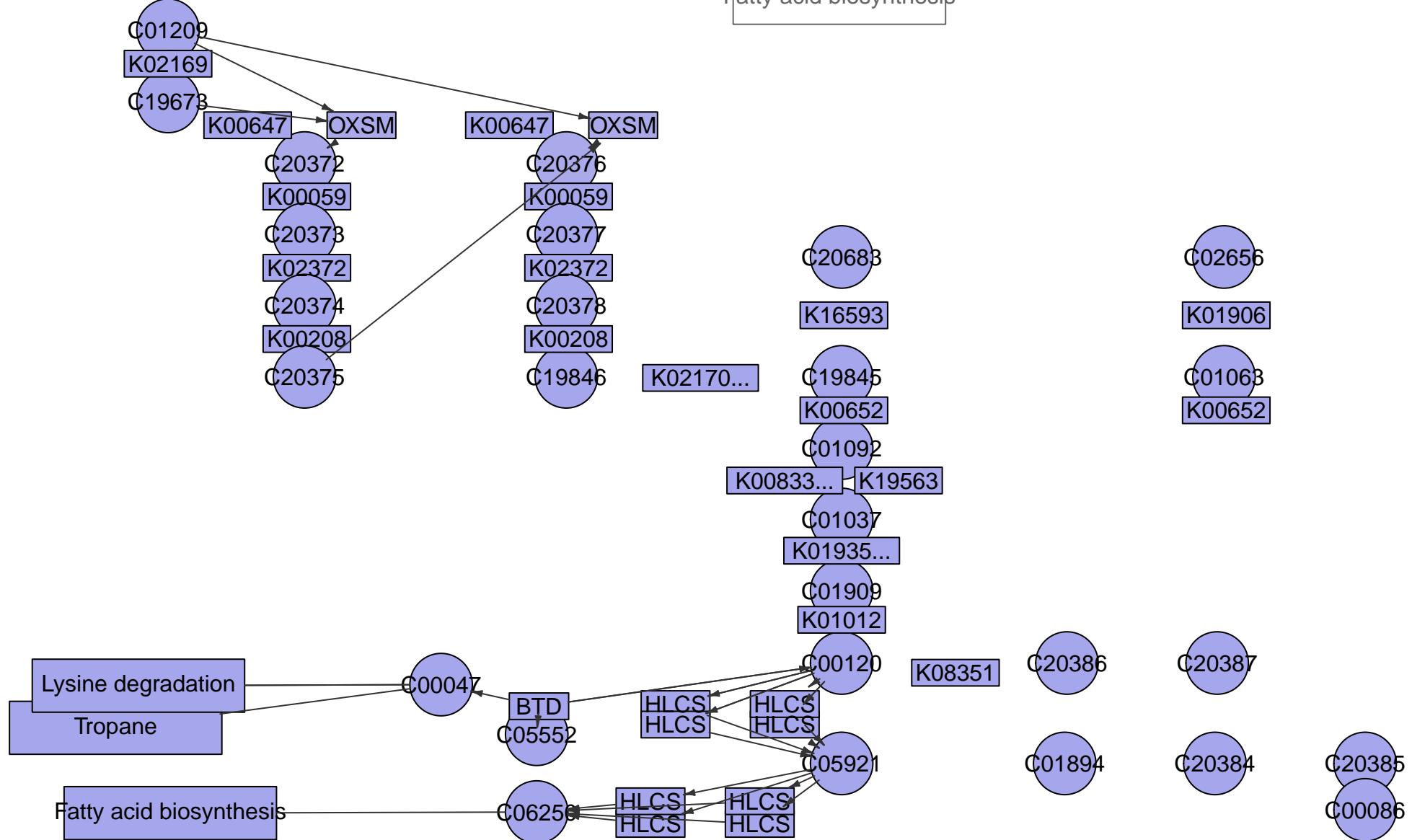
Biotin metabolism
MPI-196

Fatty acid biosynthesis



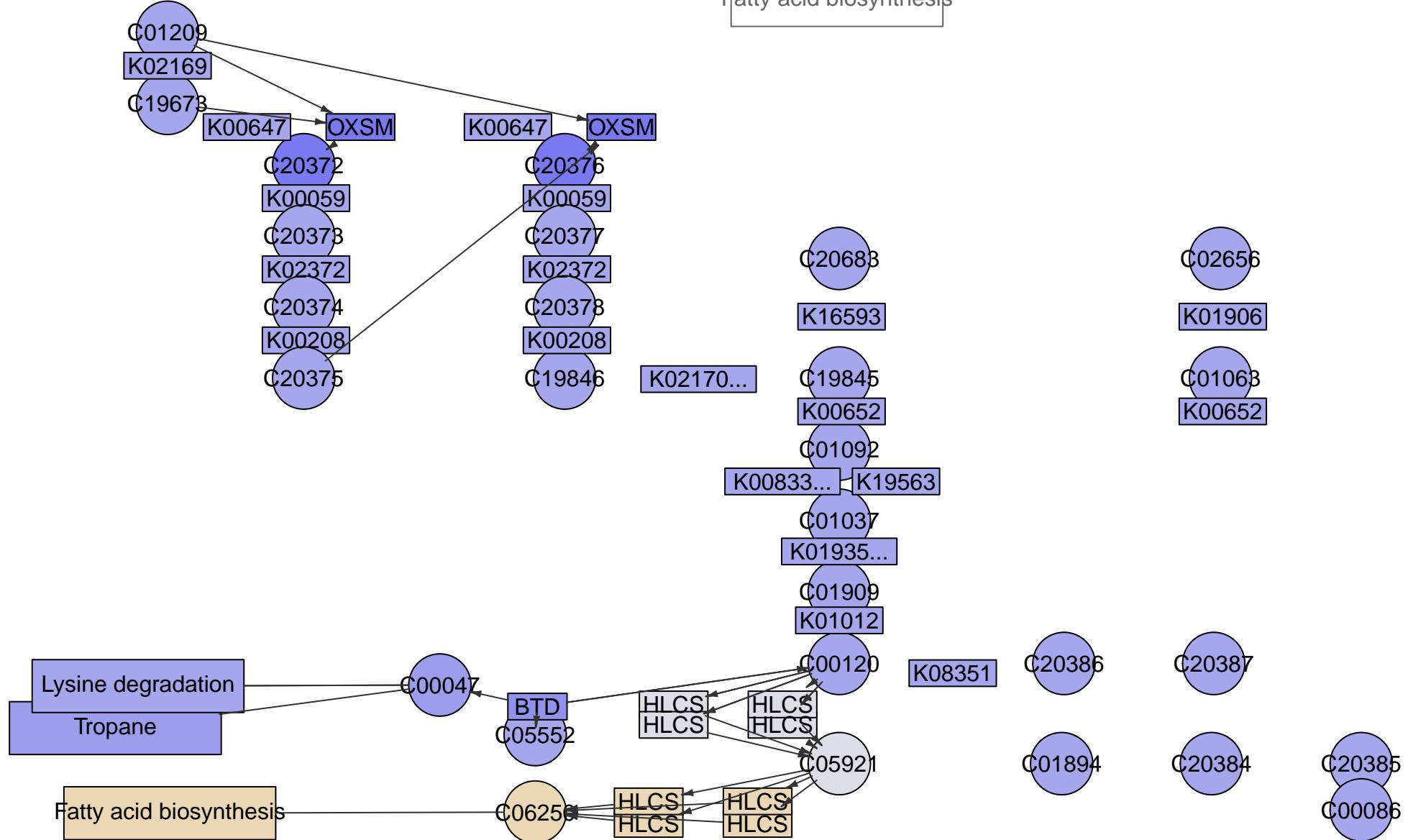
Biotin metabolism
MPI-198

Fatty acid biosynthesis



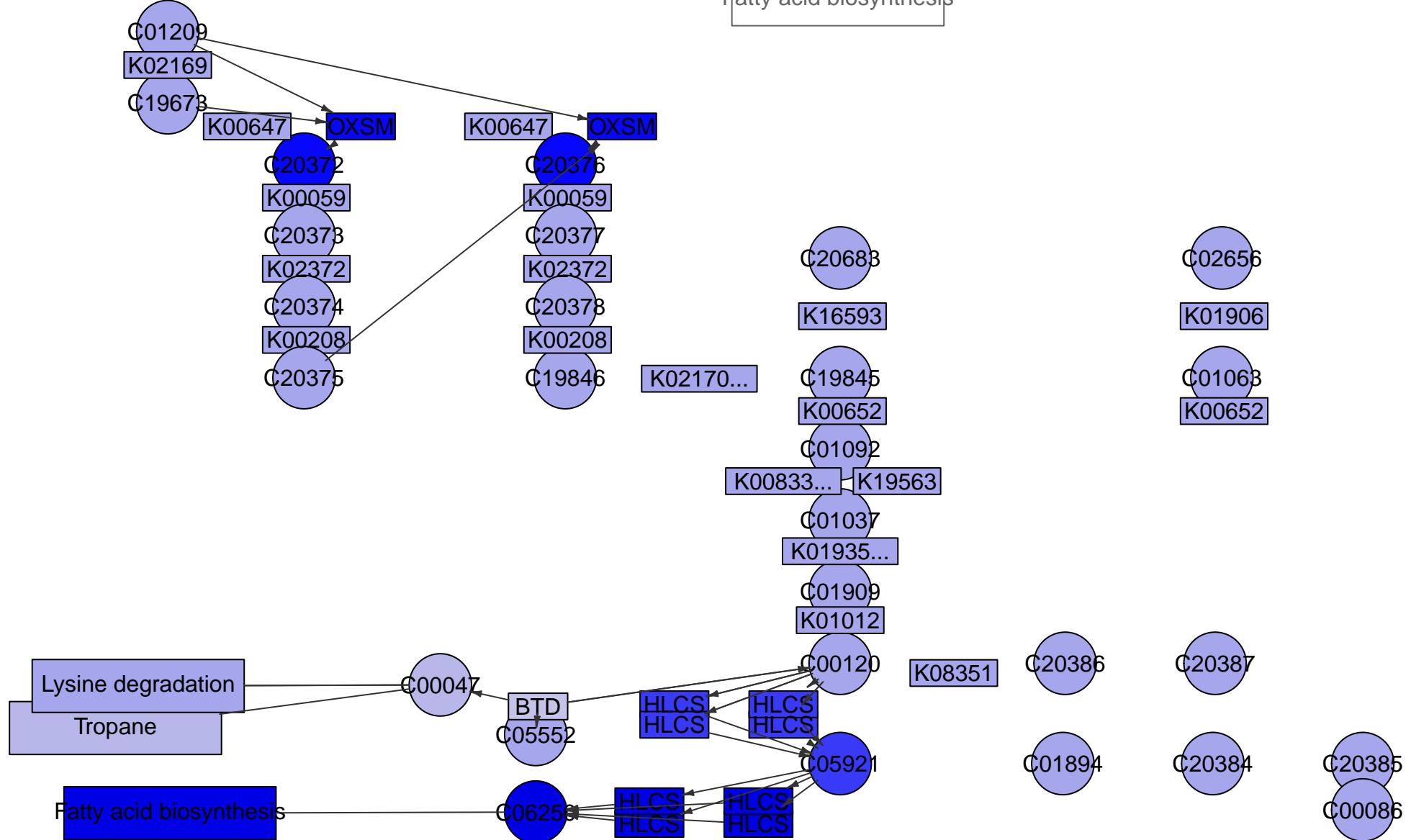
Biotin metabolism
MPI-199

Fatty acid biosynthesis



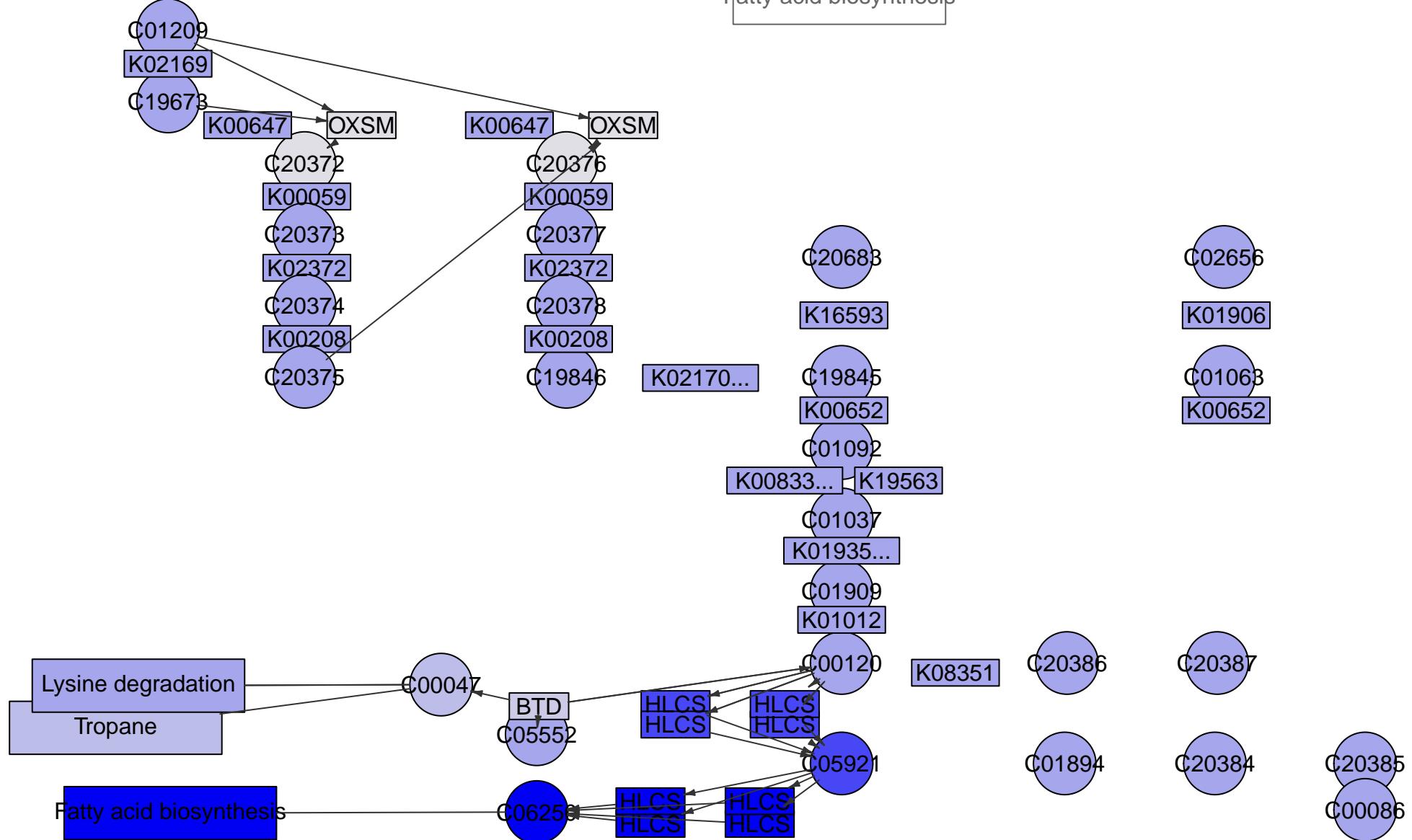
Biotin metabolism
MPI-200

Fatty acid biosynthesis



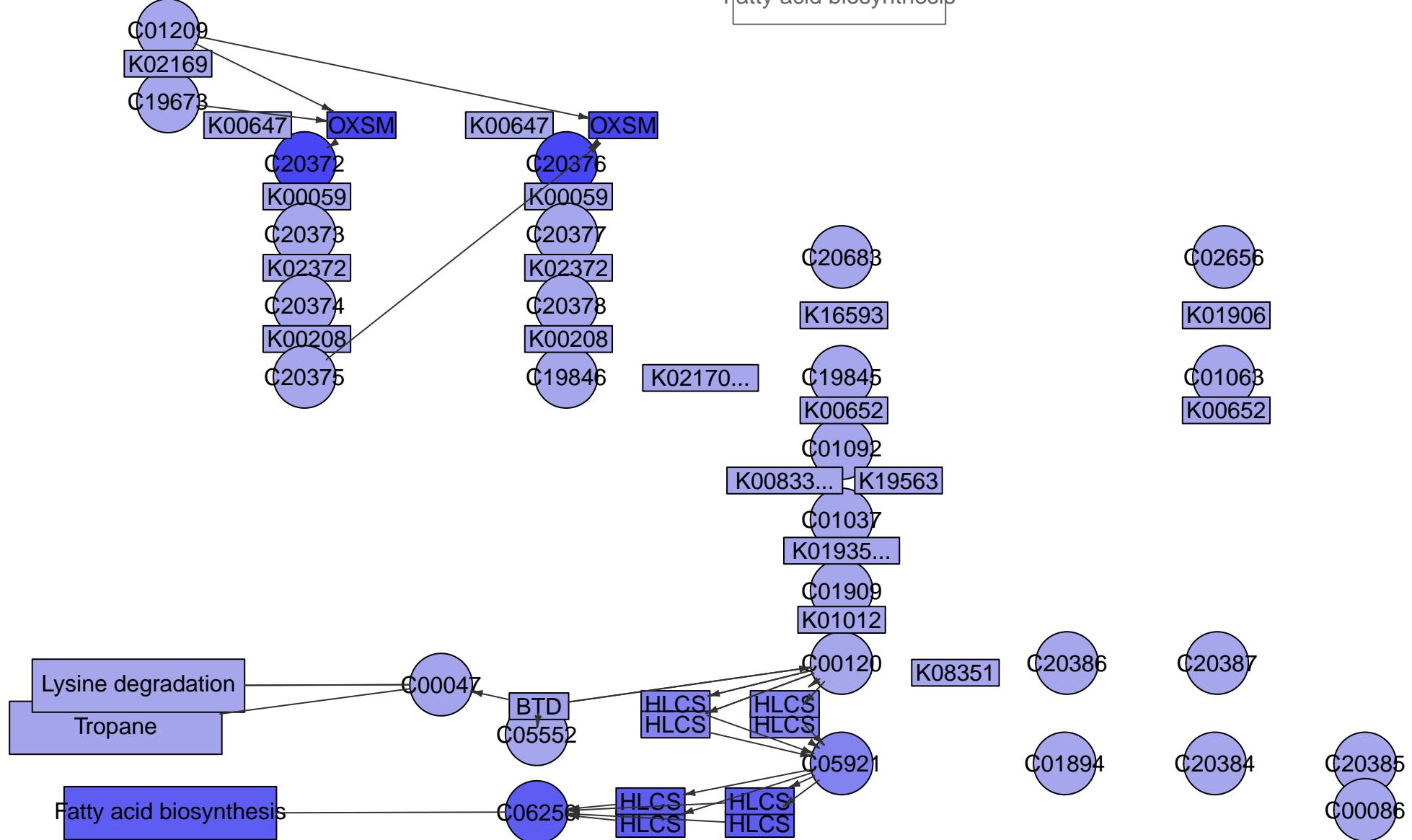
Biotin metabolism
MPI-201

Fatty acid biosynthesis



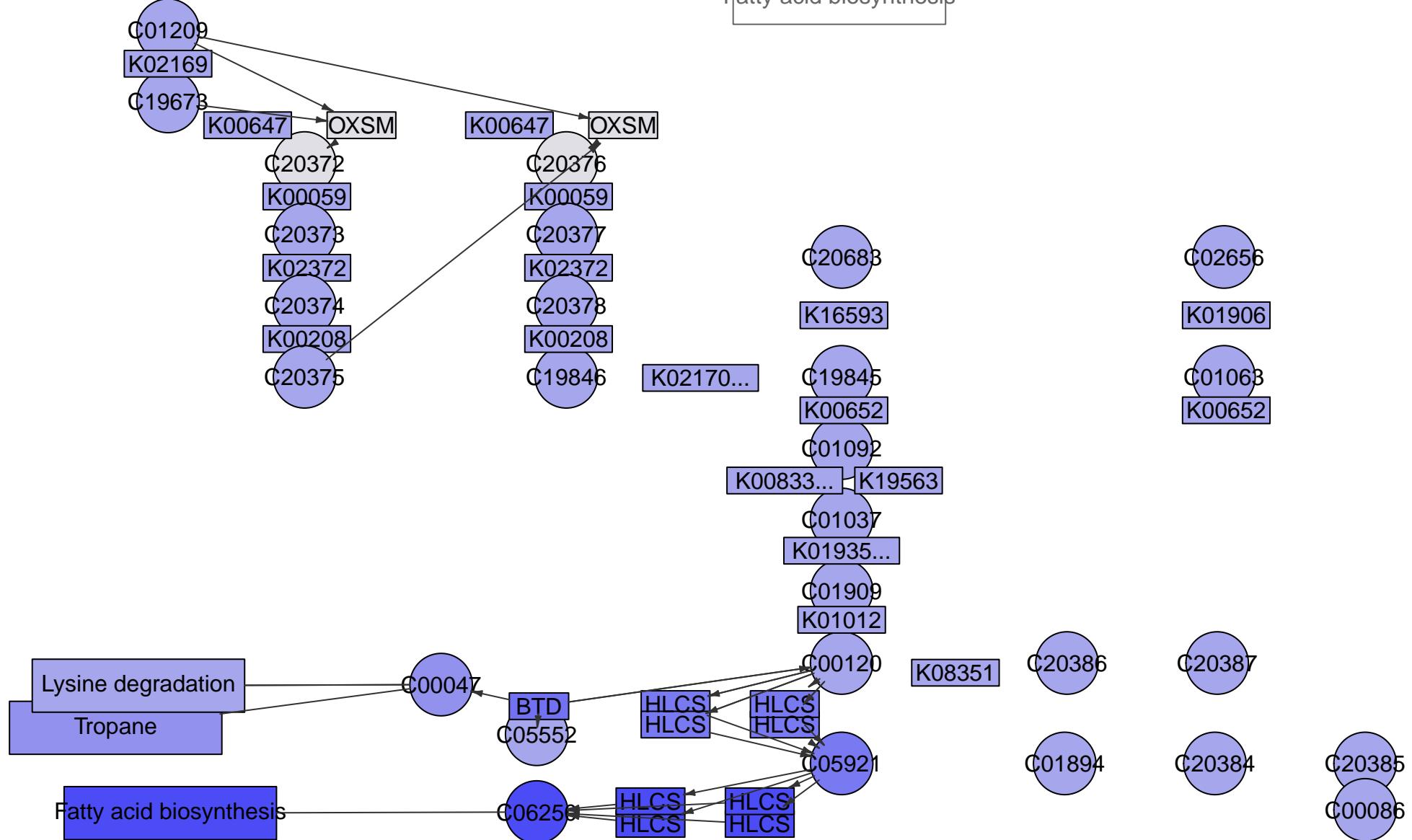
Biotin metabolism
MPI-202

Fatty acid biosynthesis



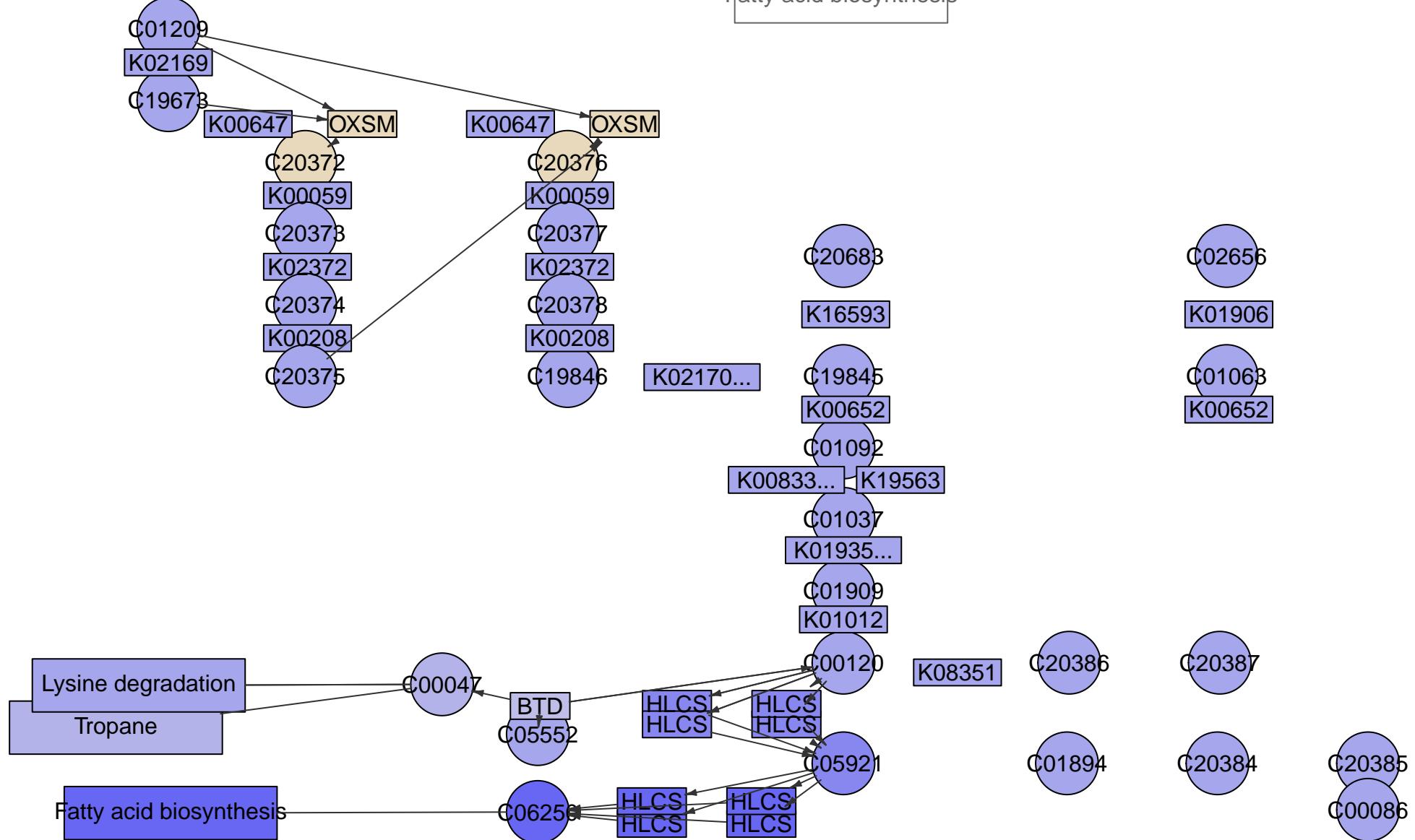
Biotin metabolism
MPI-203

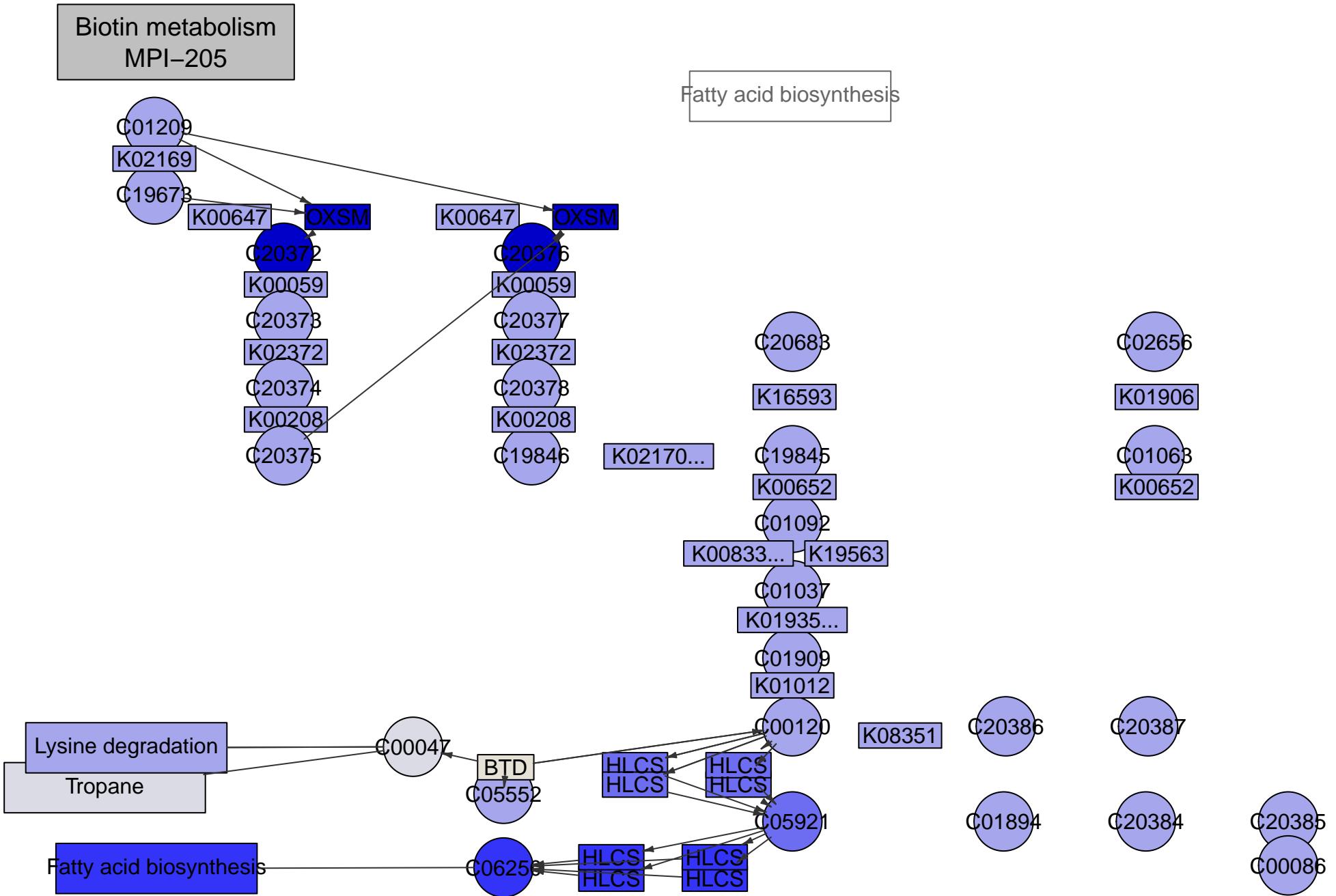
Fatty acid biosynthesis



Biotin metabolism
MPI-204

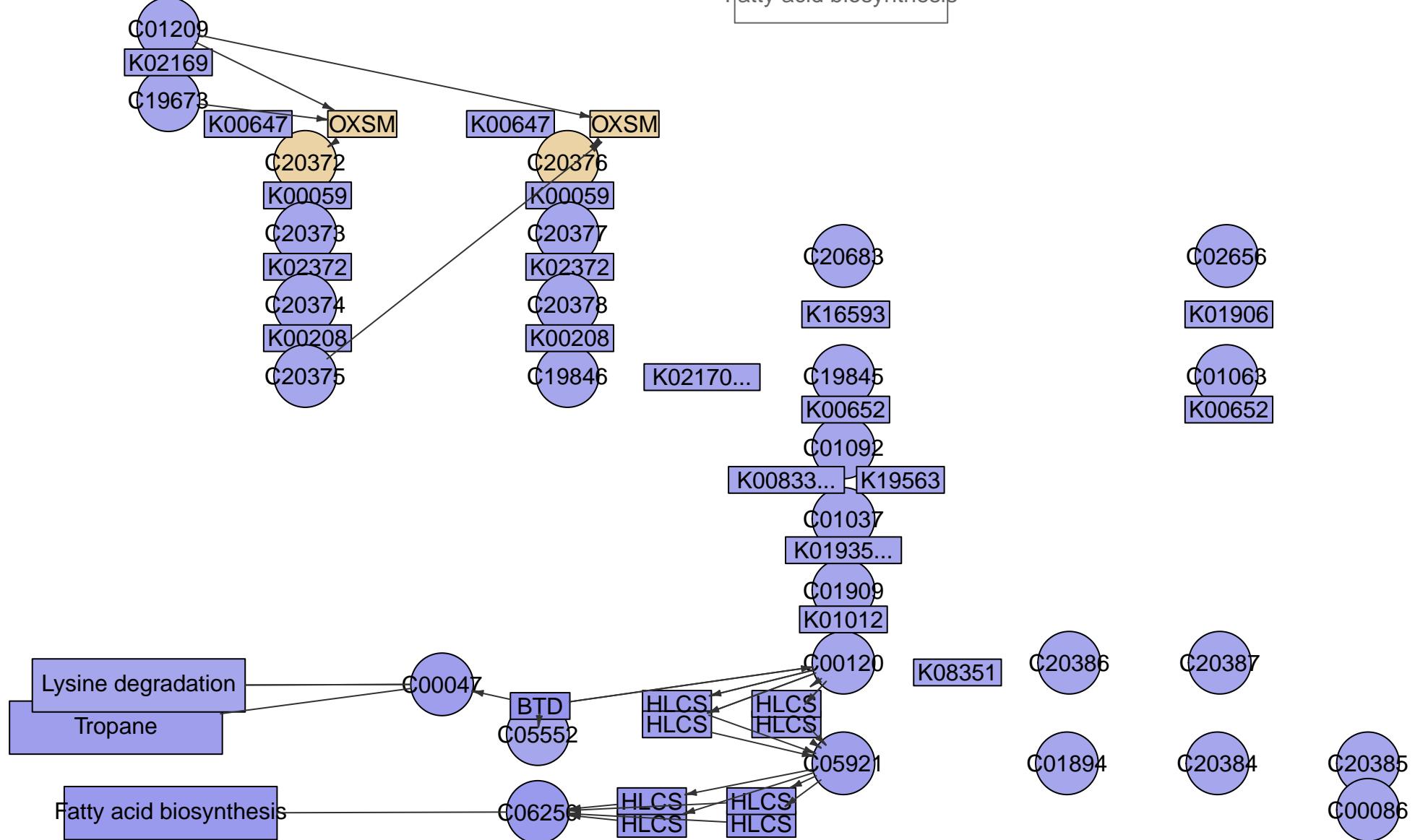
Fatty acid biosynthesis





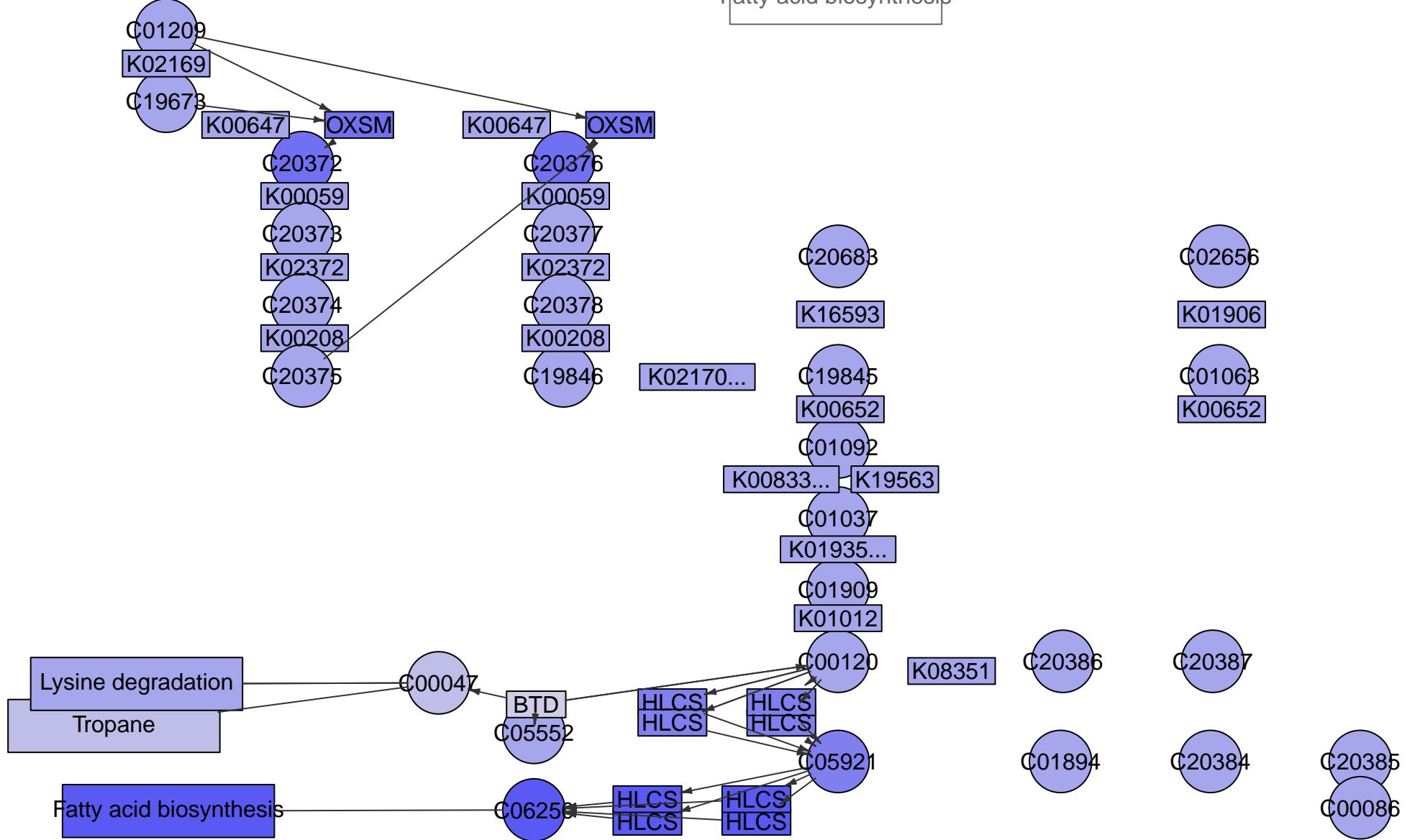
Biotin metabolism
MPI-206

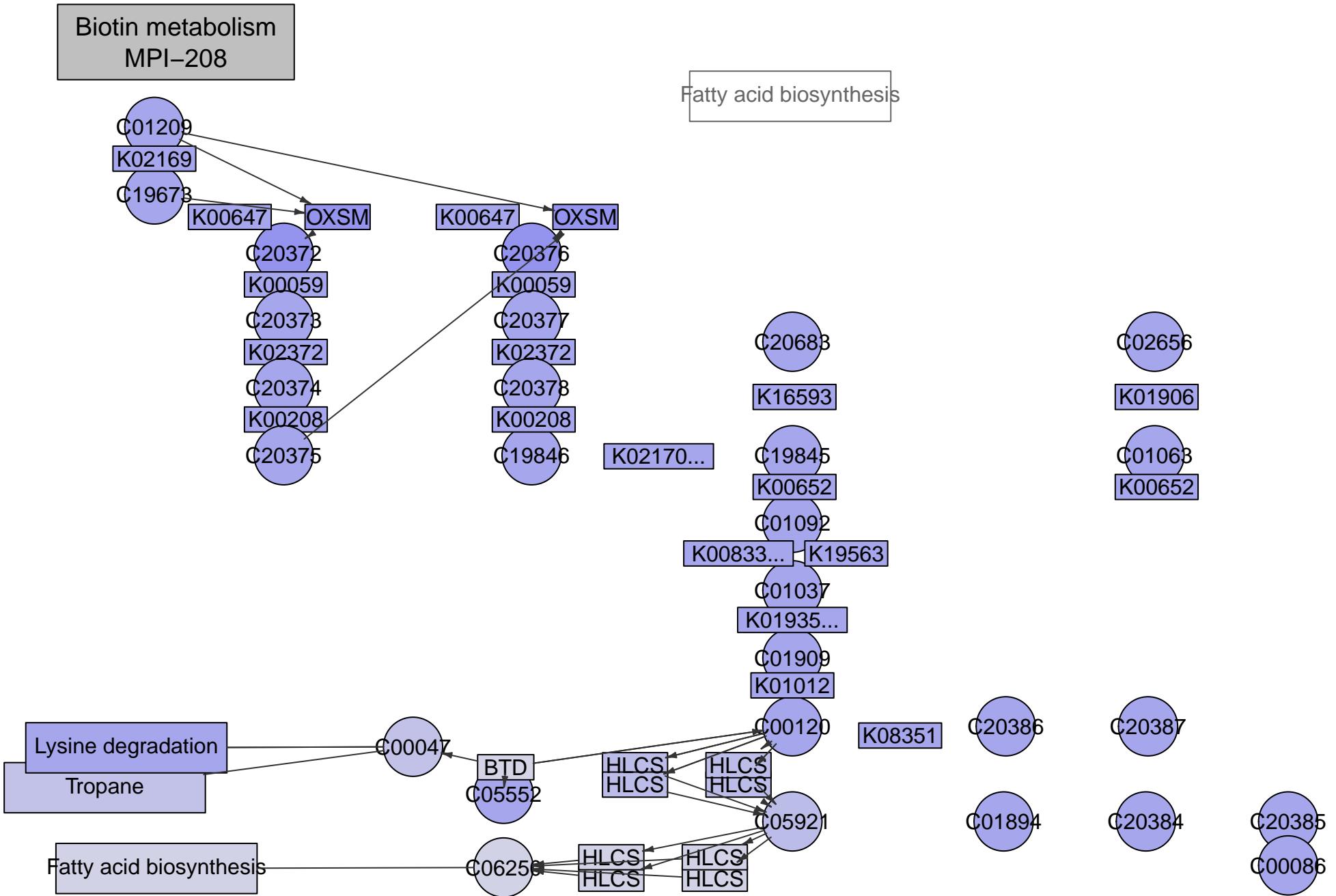
Fatty acid biosynthesis



Biotin metabolism
MPI-207

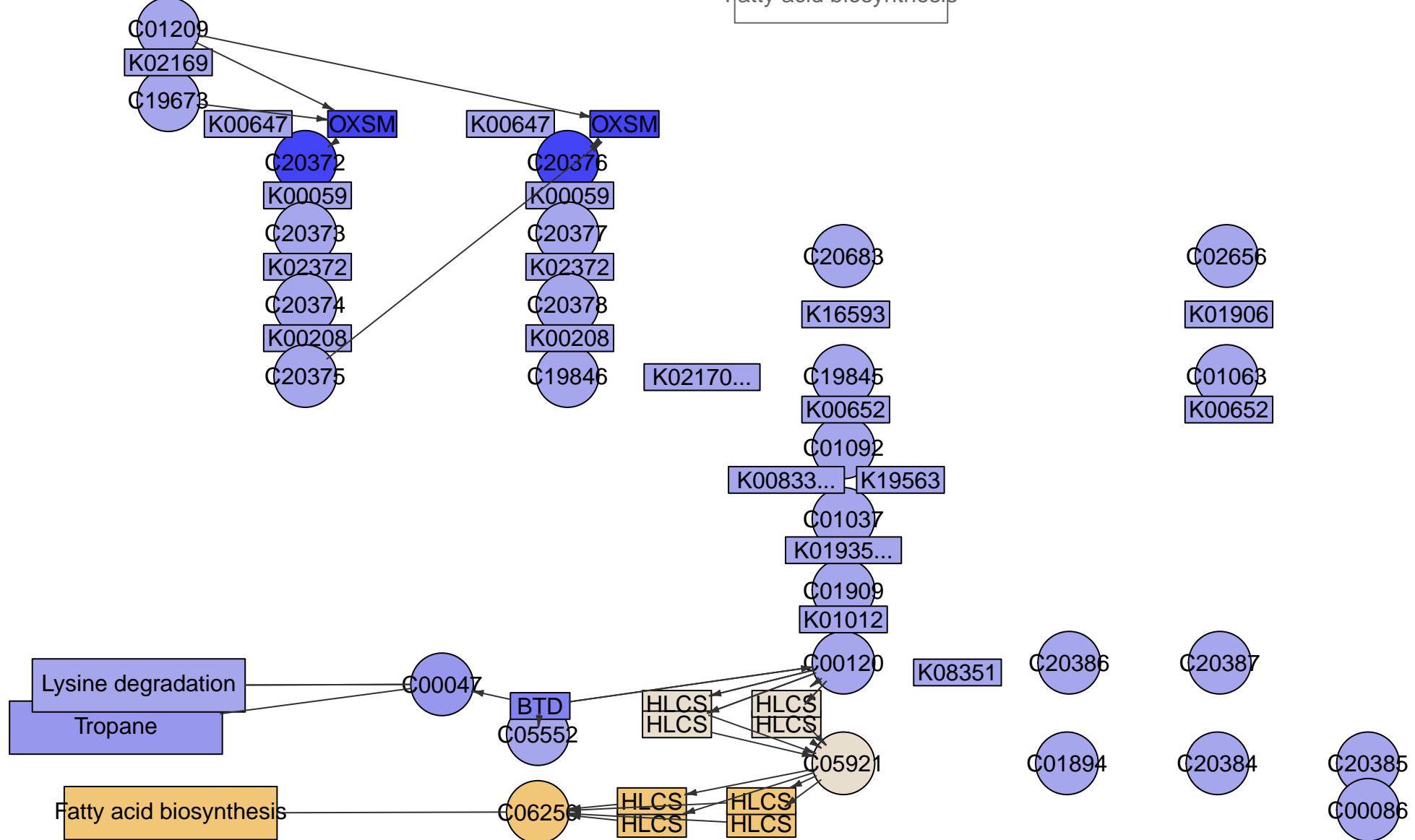
Fatty acid biosynthesis





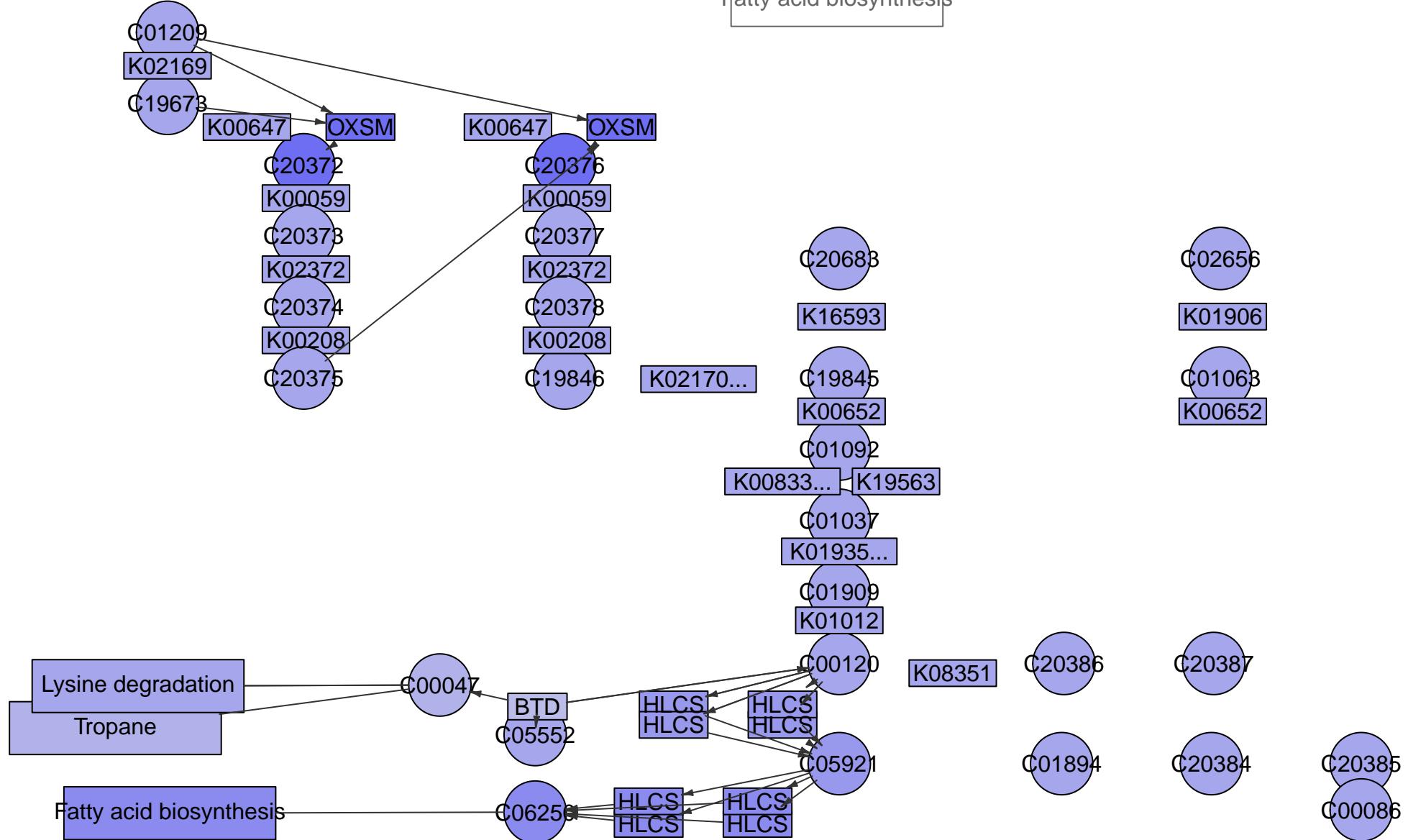
Biotin metabolism
MPI-209

Fatty acid biosynthesis



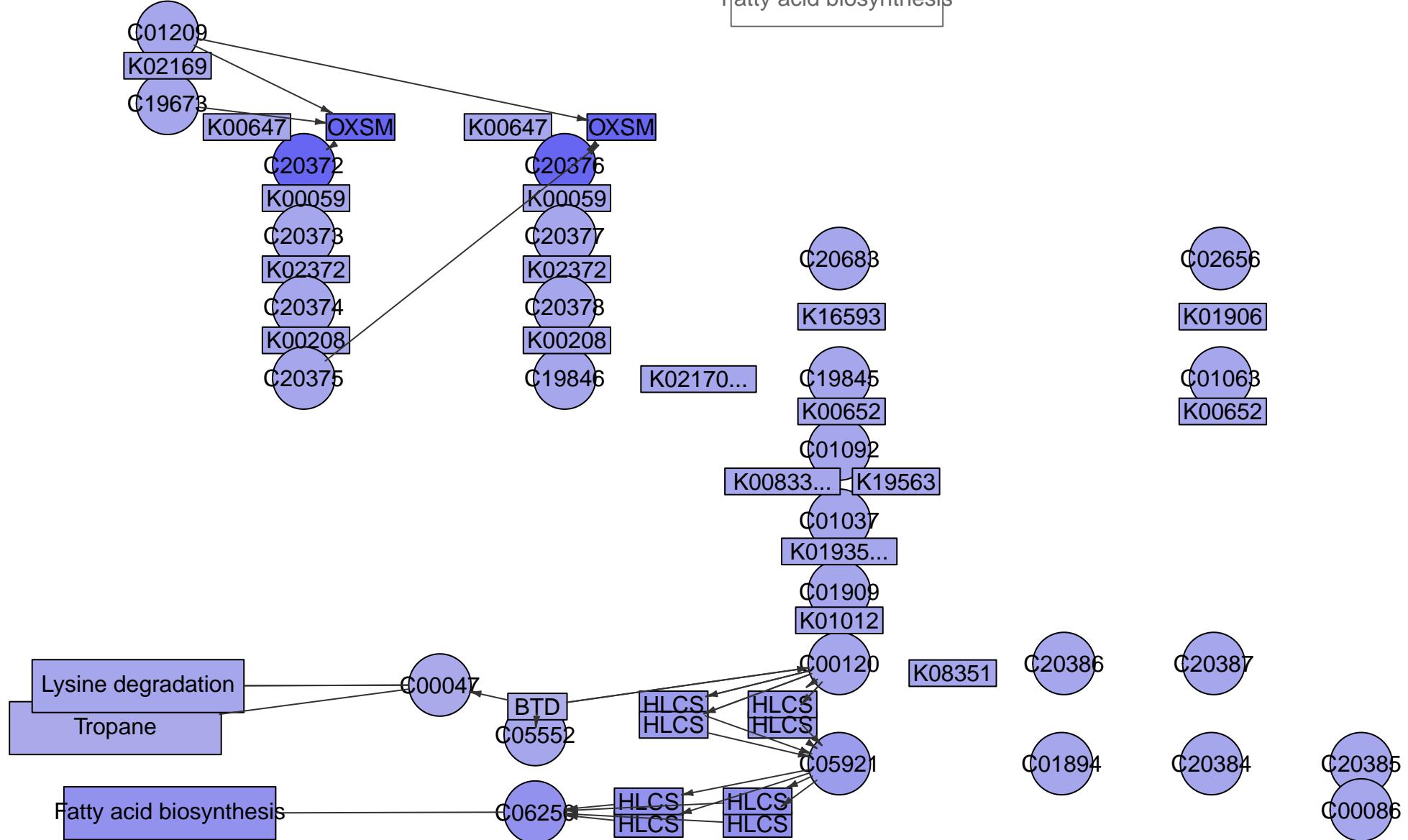
Biotin metabolism
MPI-210

Fatty acid biosynthesis



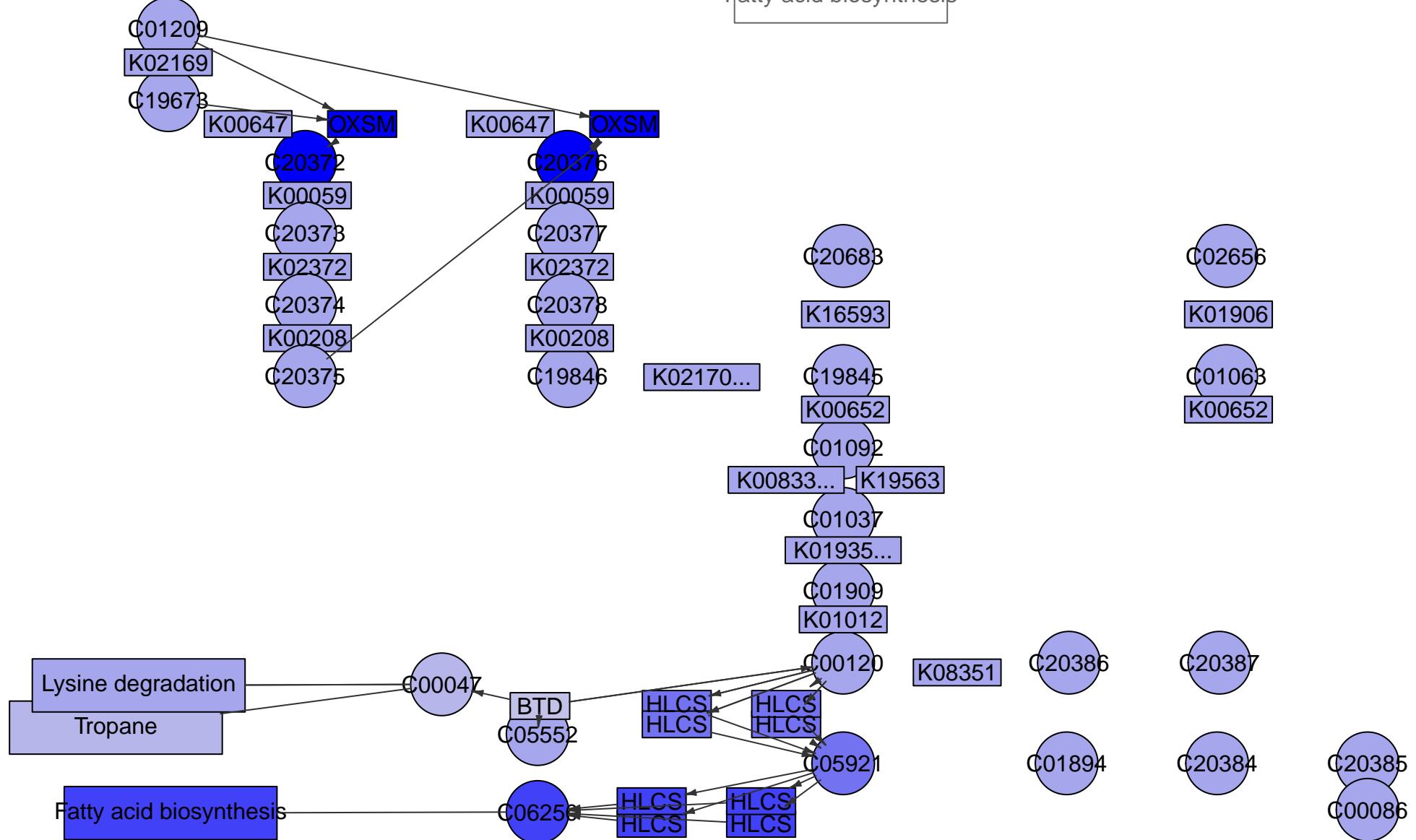
Biotin metabolism
MPI-212

Fatty acid biosynthesis



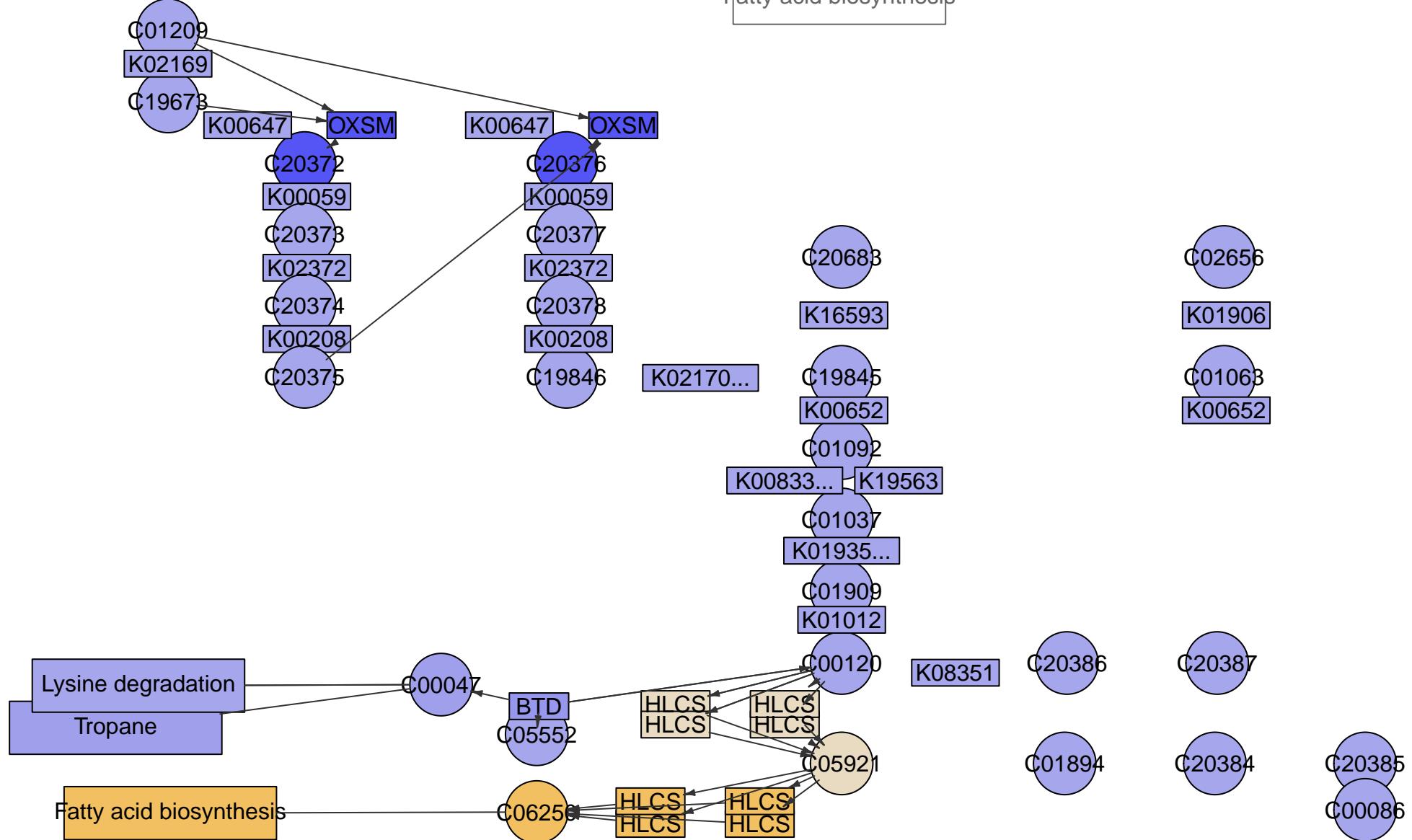
Biotin metabolism
MPI-213

Fatty acid biosynthesis



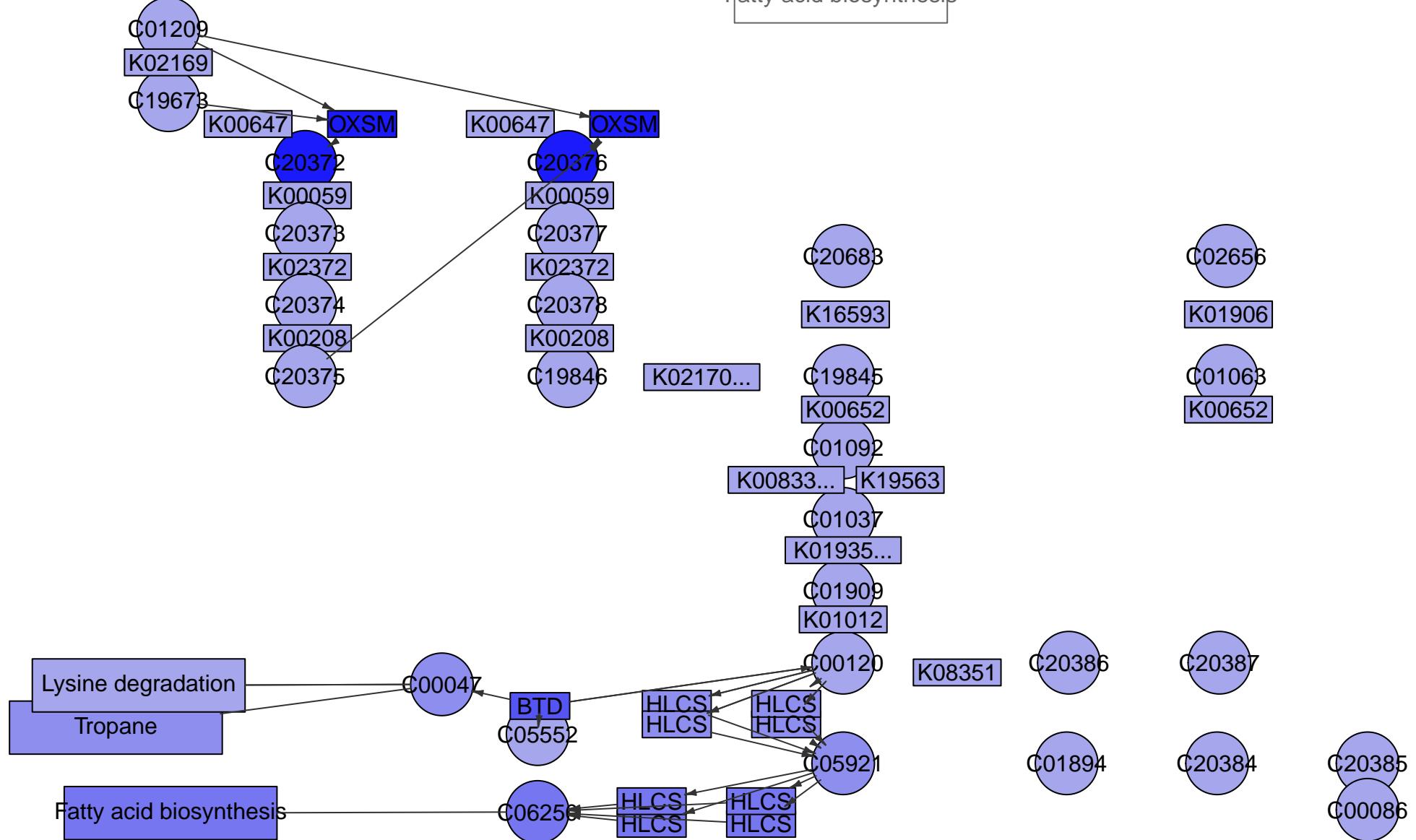
Biotin metabolism
MPI-215

Fatty acid biosynthesis



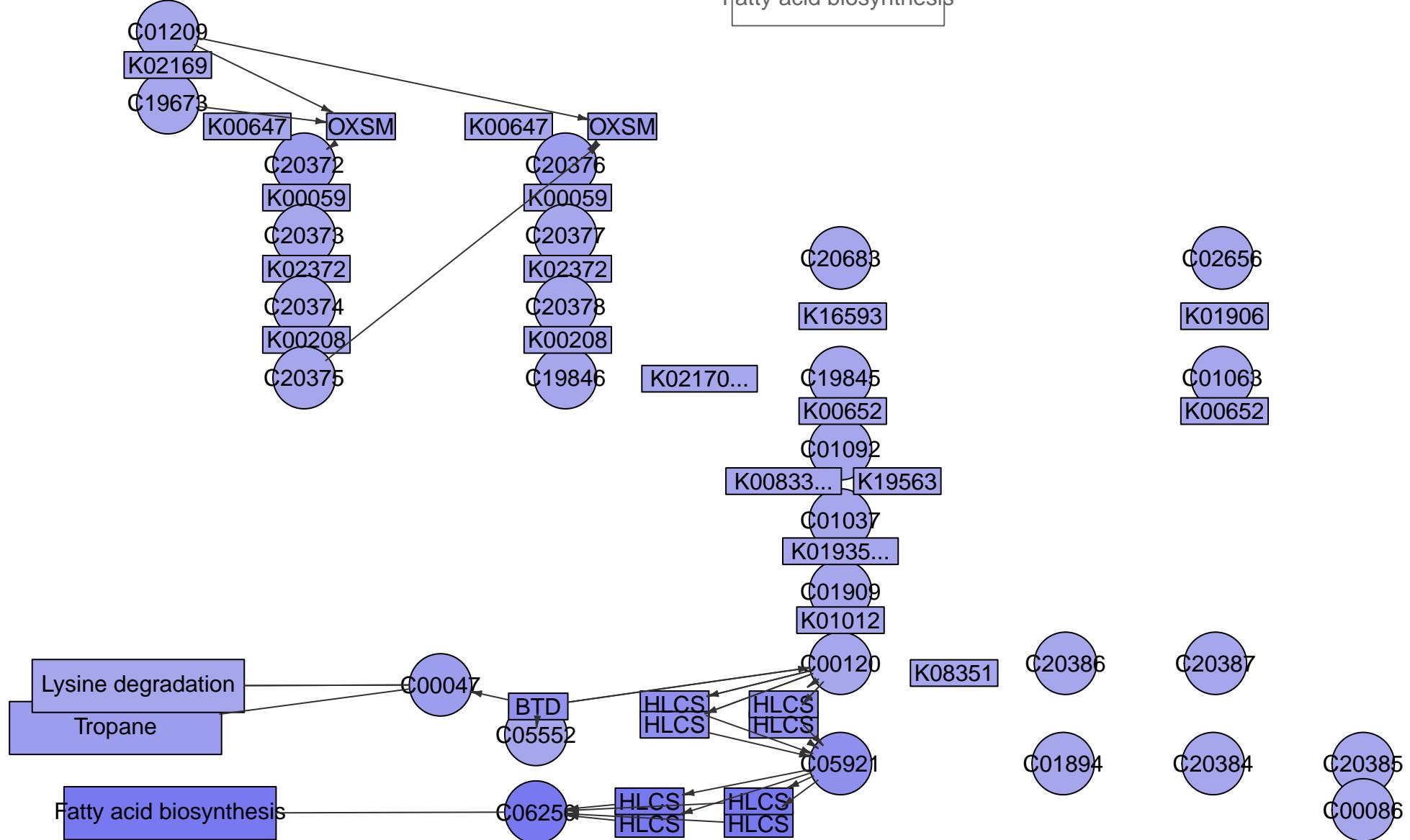
Biotin metabolism
MPI-219

Fatty acid biosynthesis



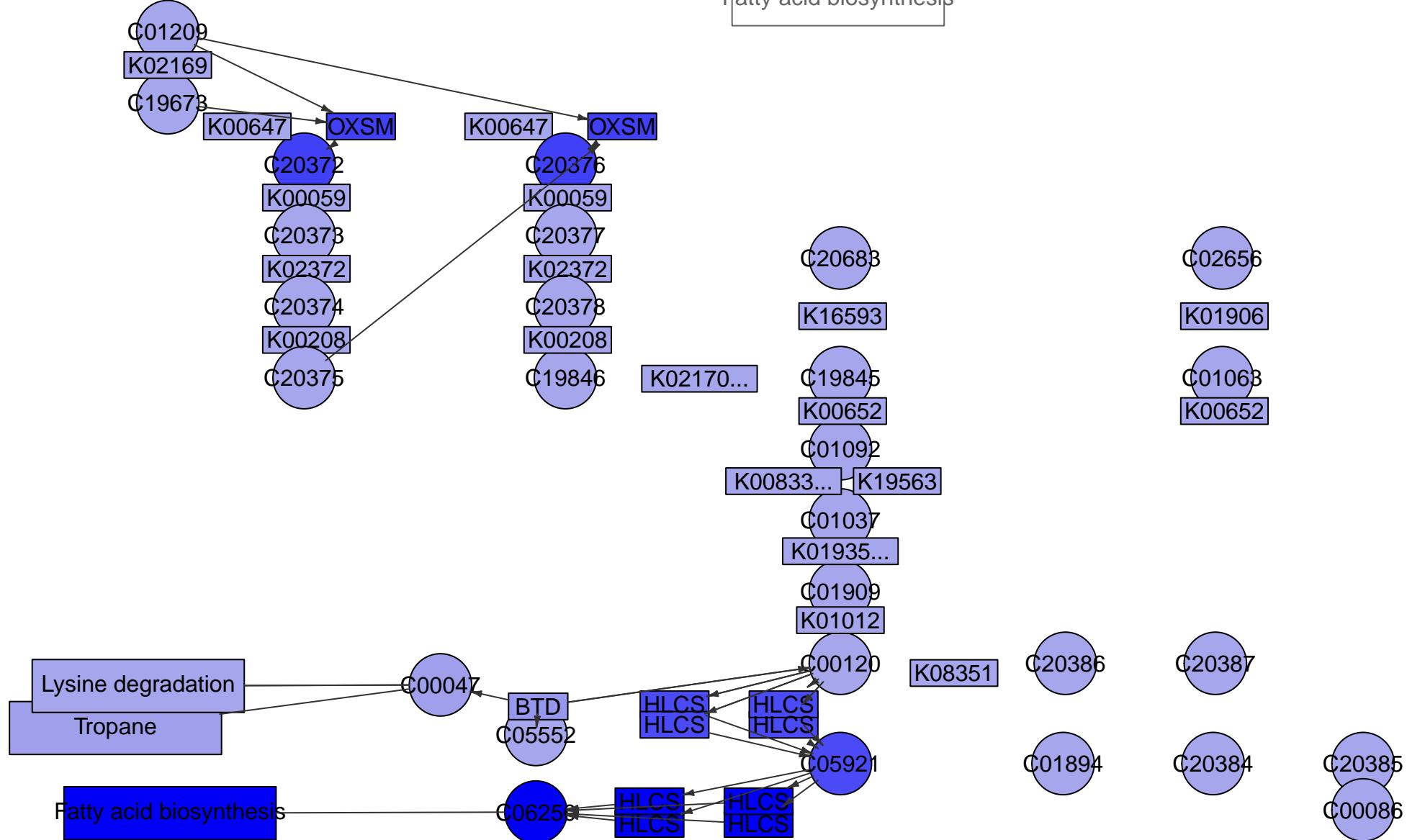
Biotin metabolism
MPI-221

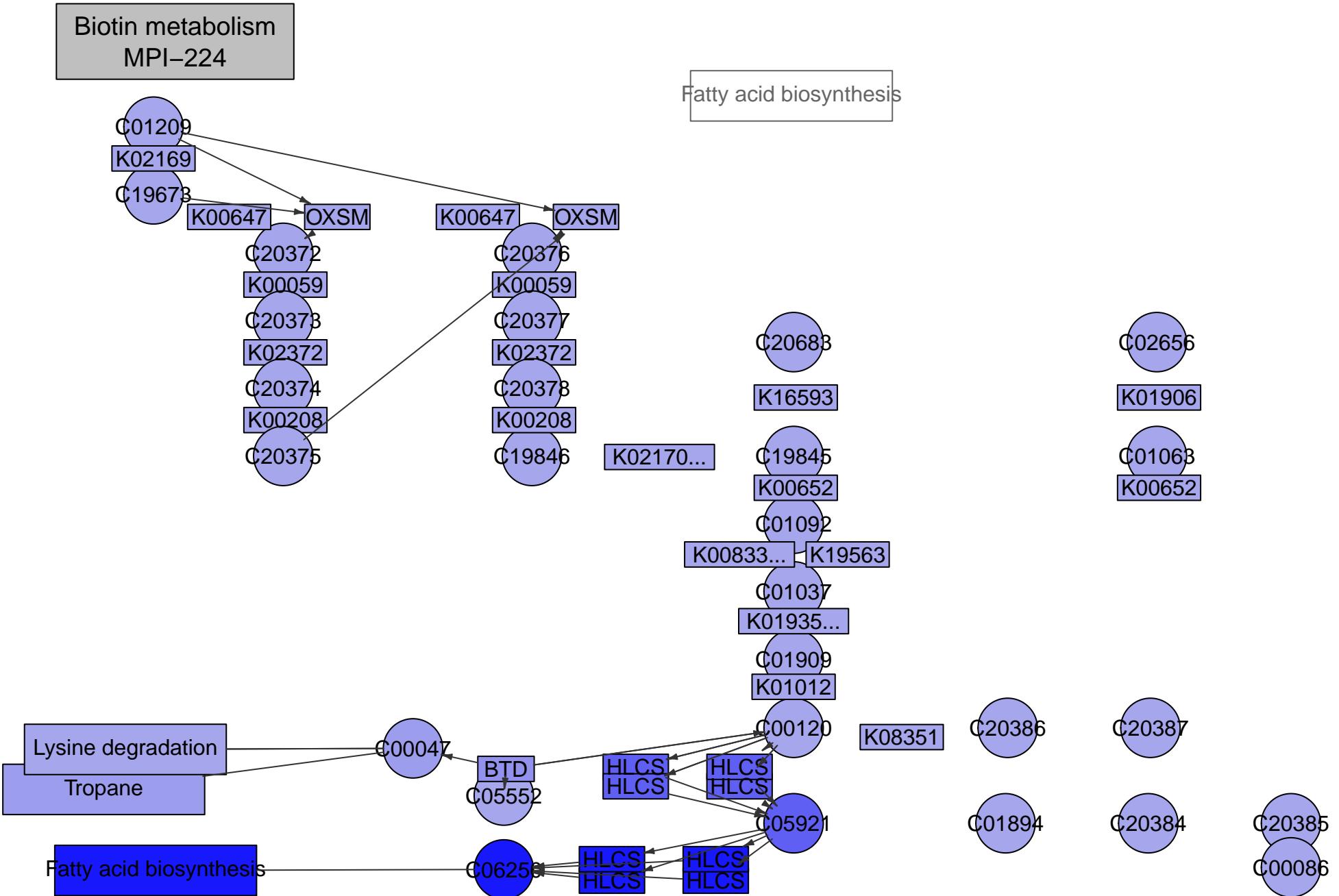
Fatty acid biosynthesis



Biotin metabolism
MPI-223a

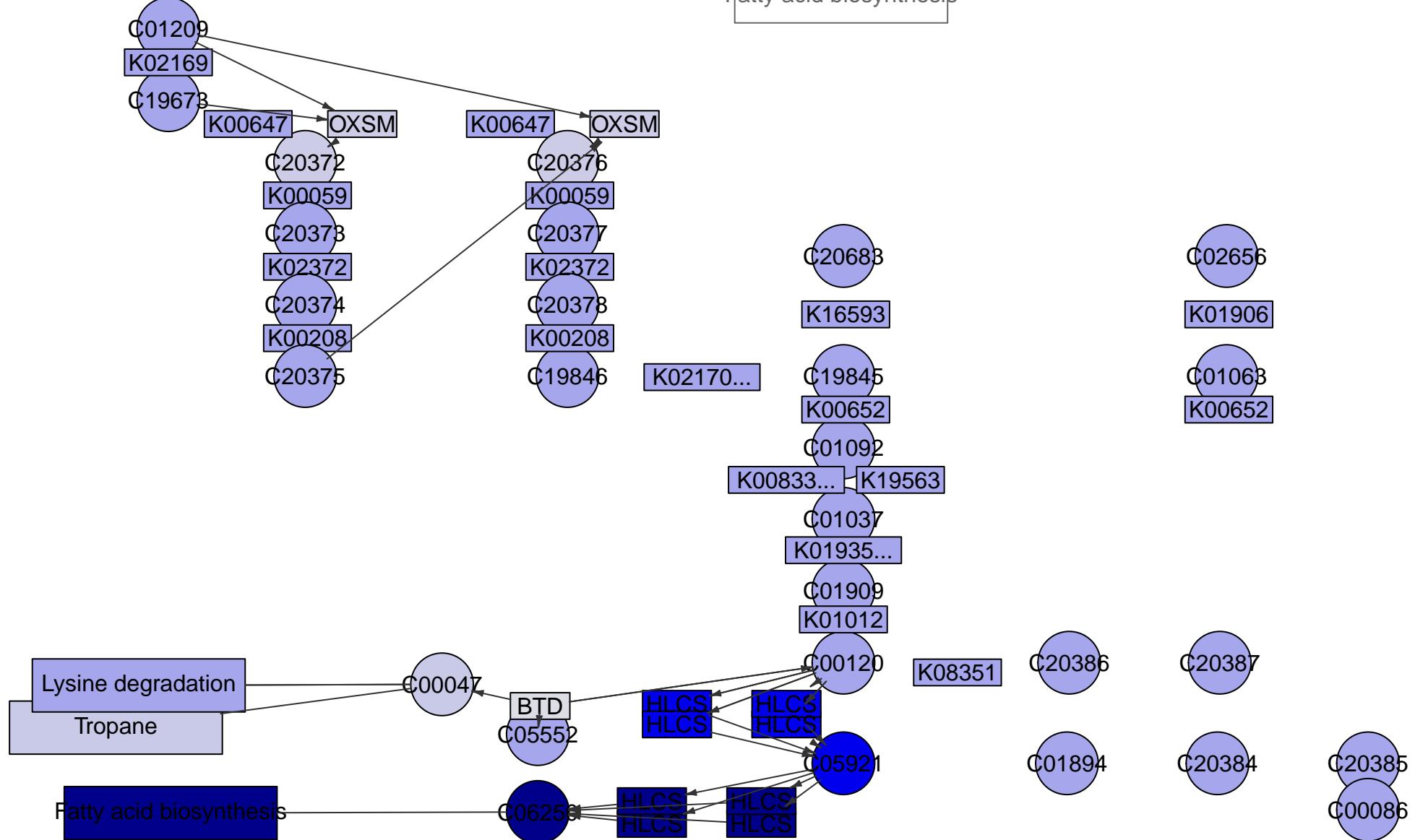
Fatty acid biosynthesis





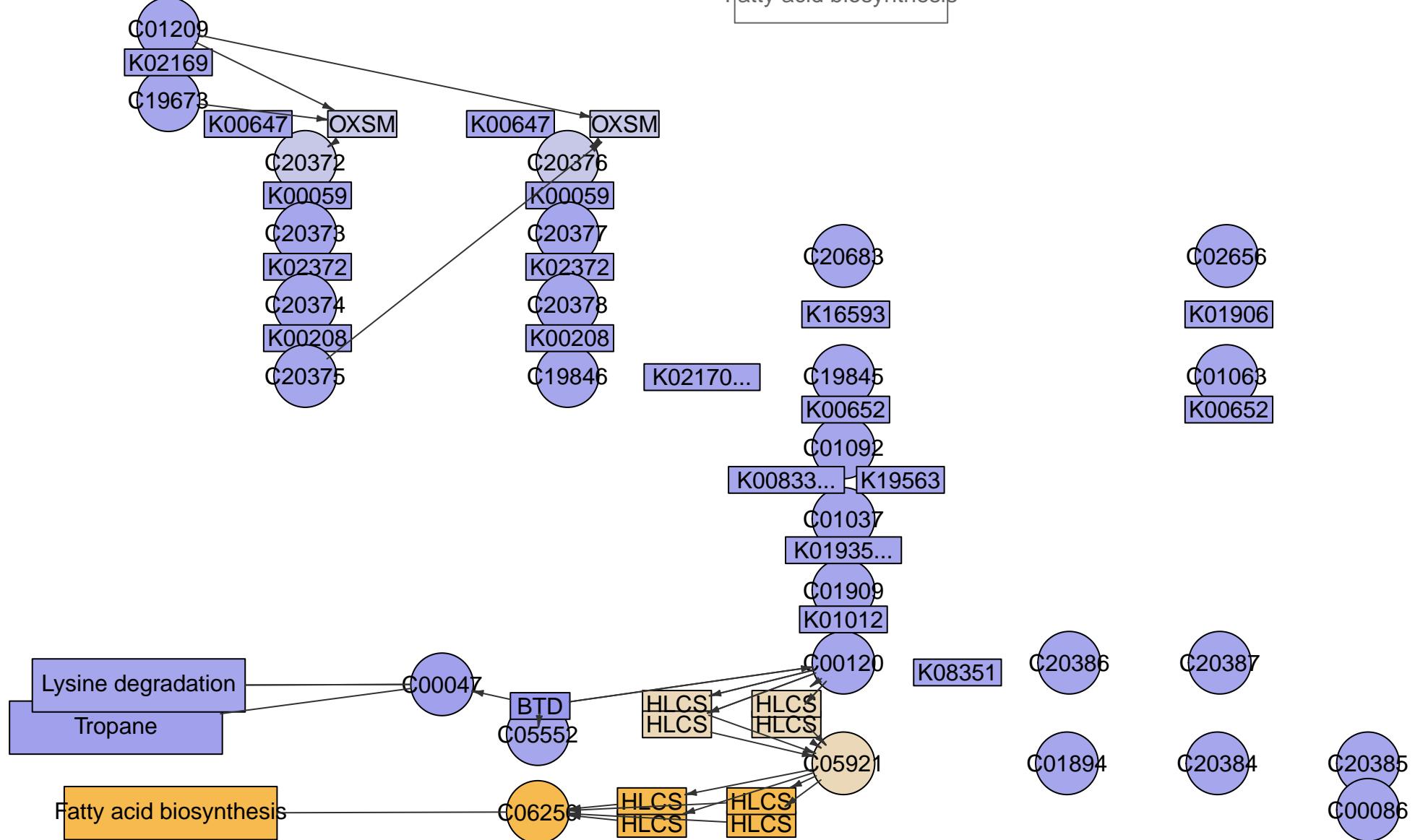
Biotin metabolism
MPI-226

Fatty acid biosynthesis



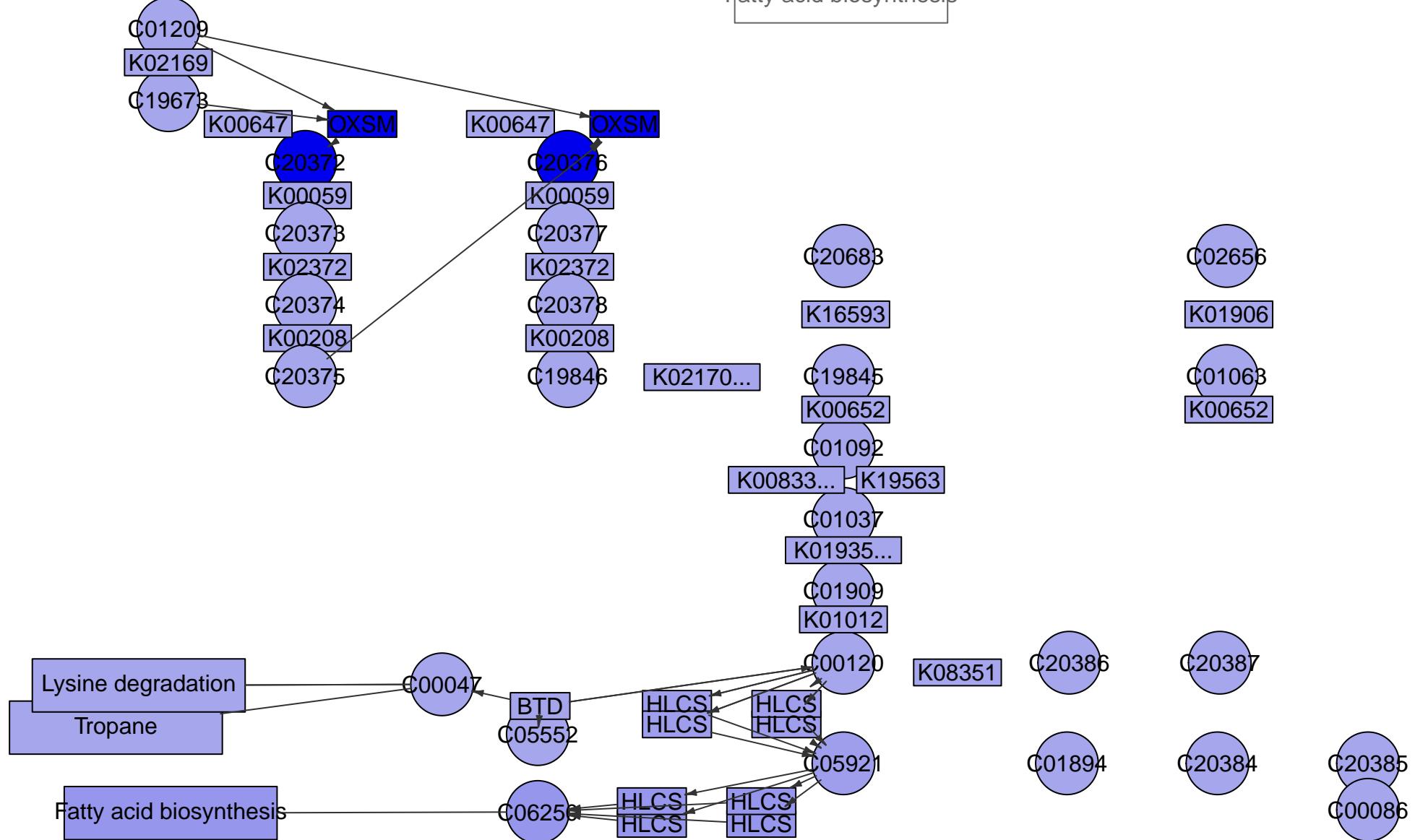
Biotin metabolism
MPI-227

Fatty acid biosynthesis



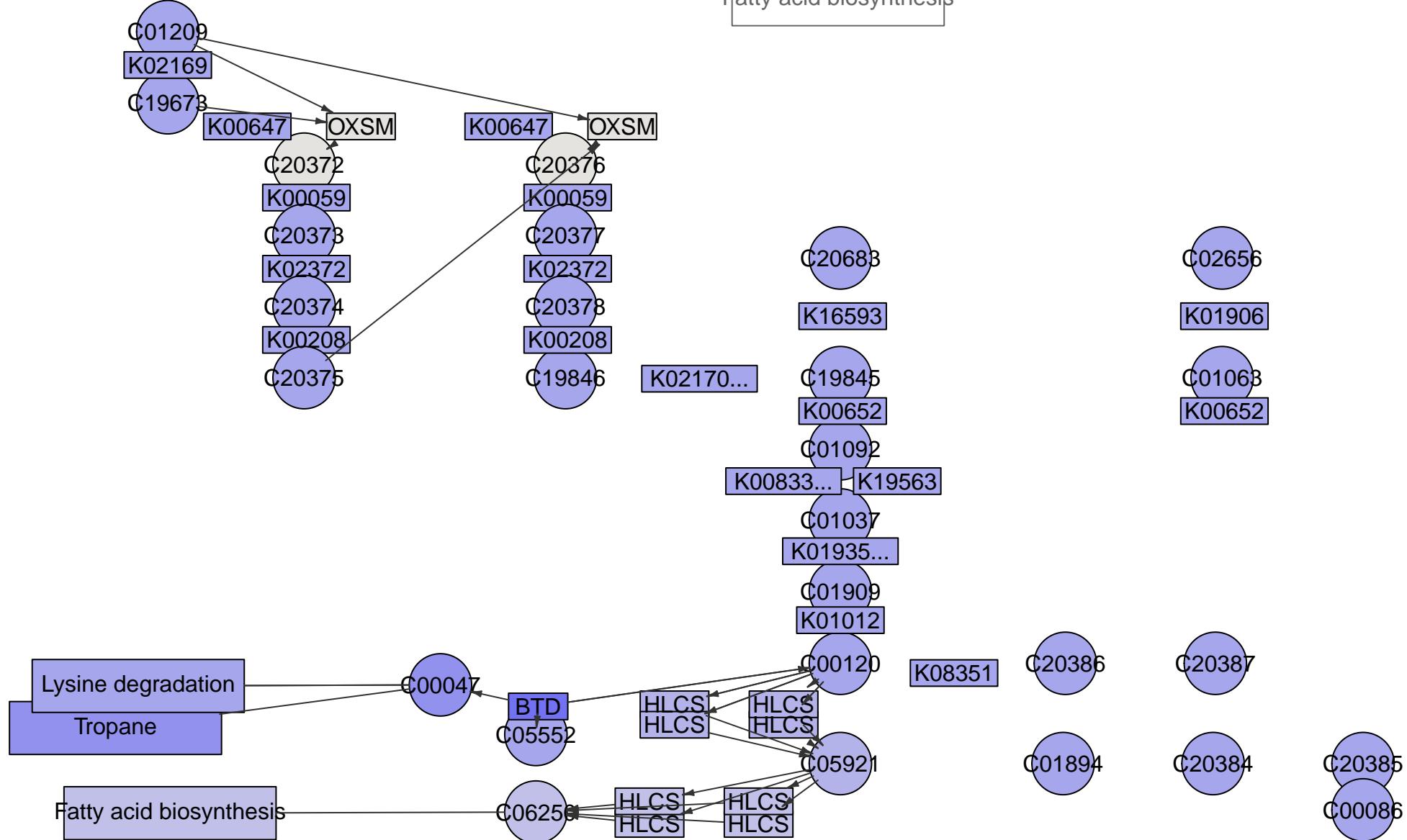
Biotin metabolism
MPI-228

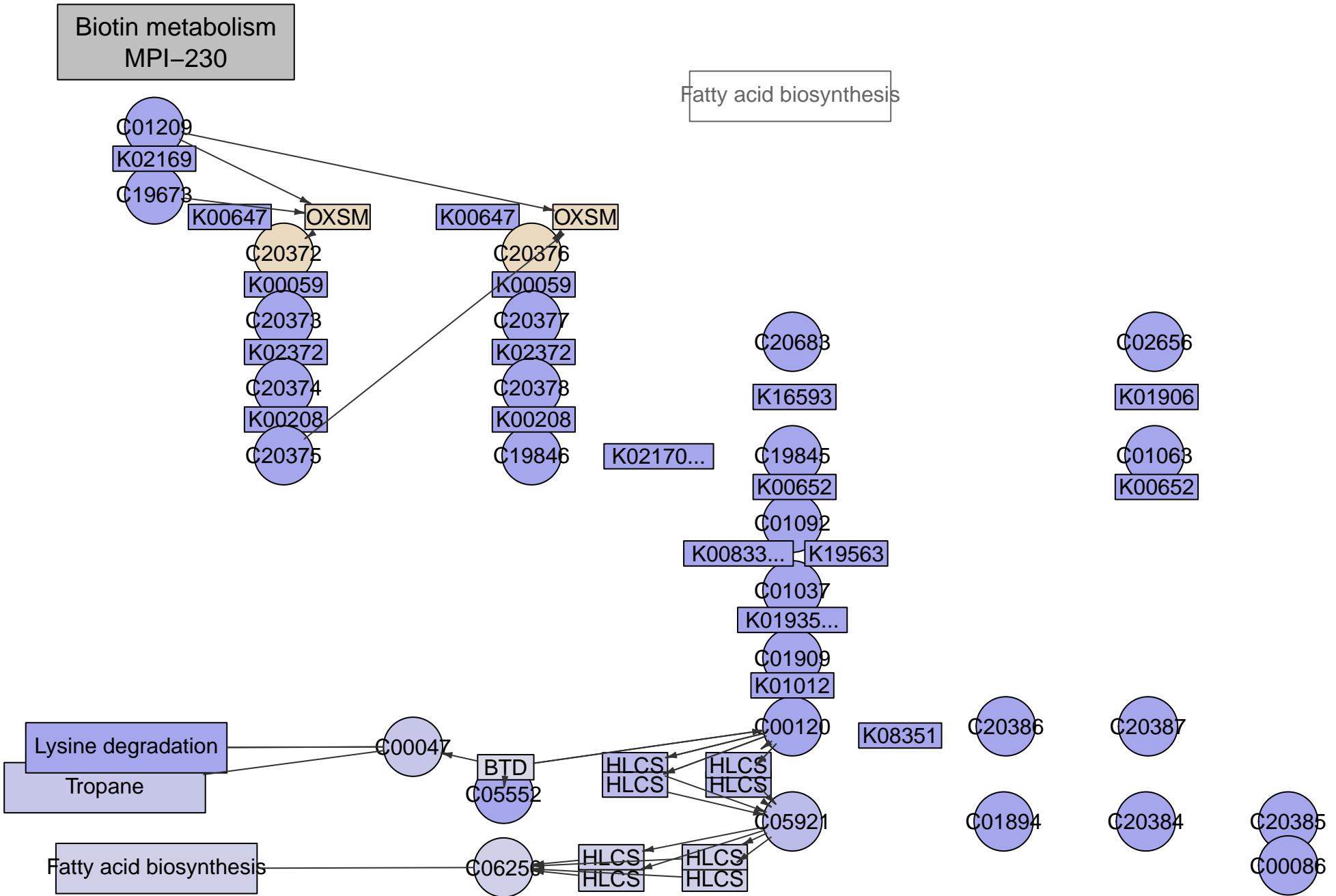
Fatty acid biosynthesis



Biotin metabolism
MPI-229

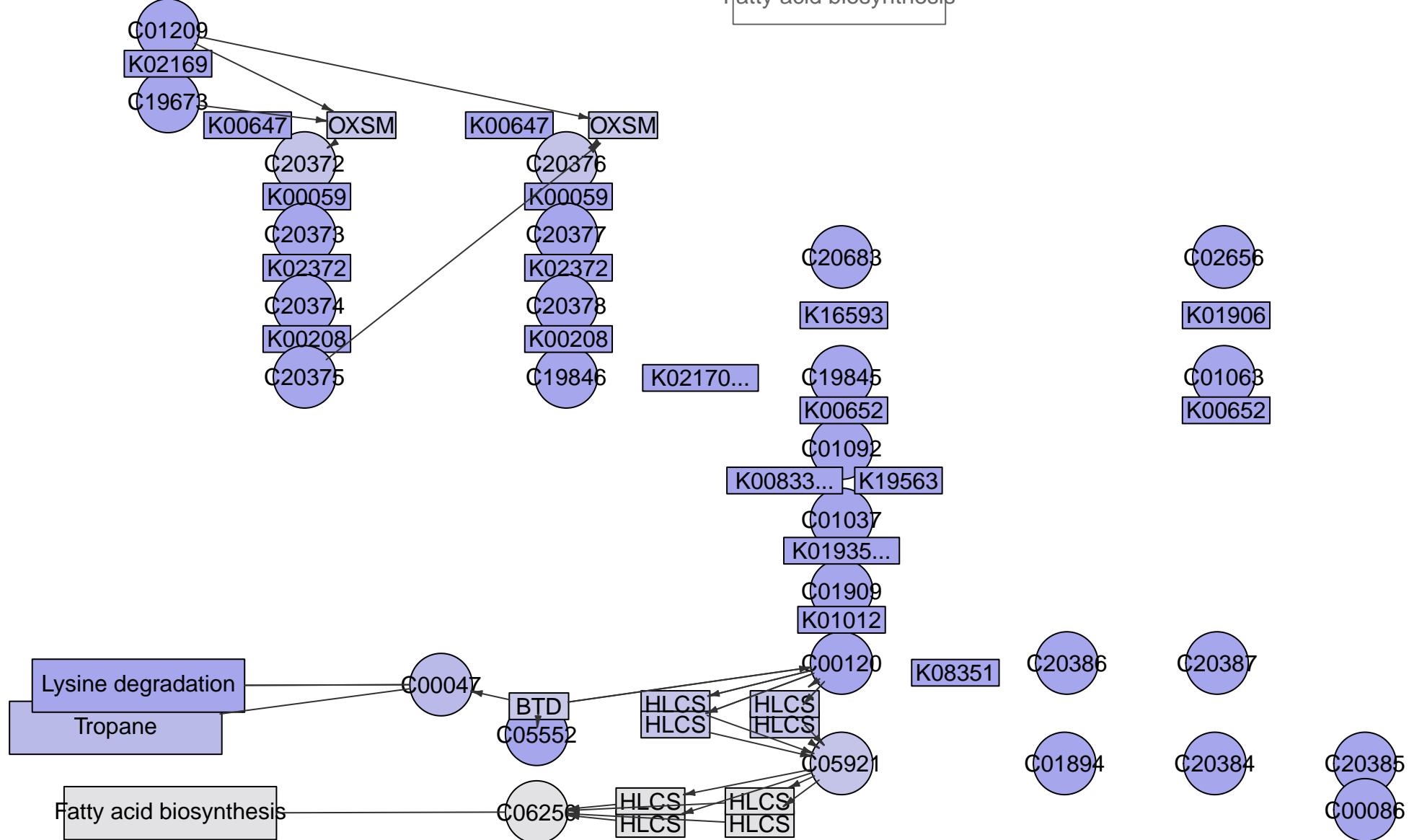
Fatty acid biosynthesis

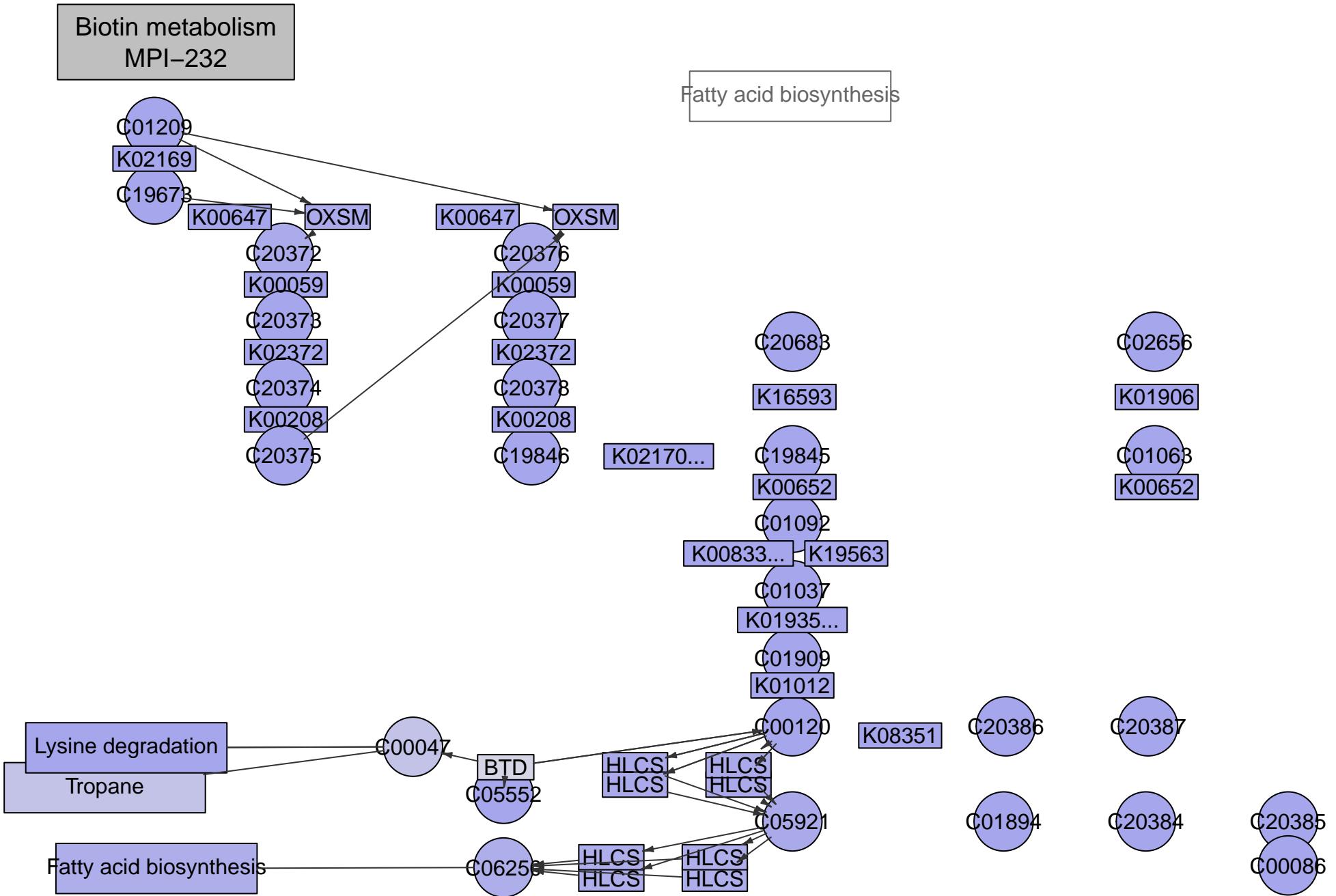




Biotin metabolism
MPI-231

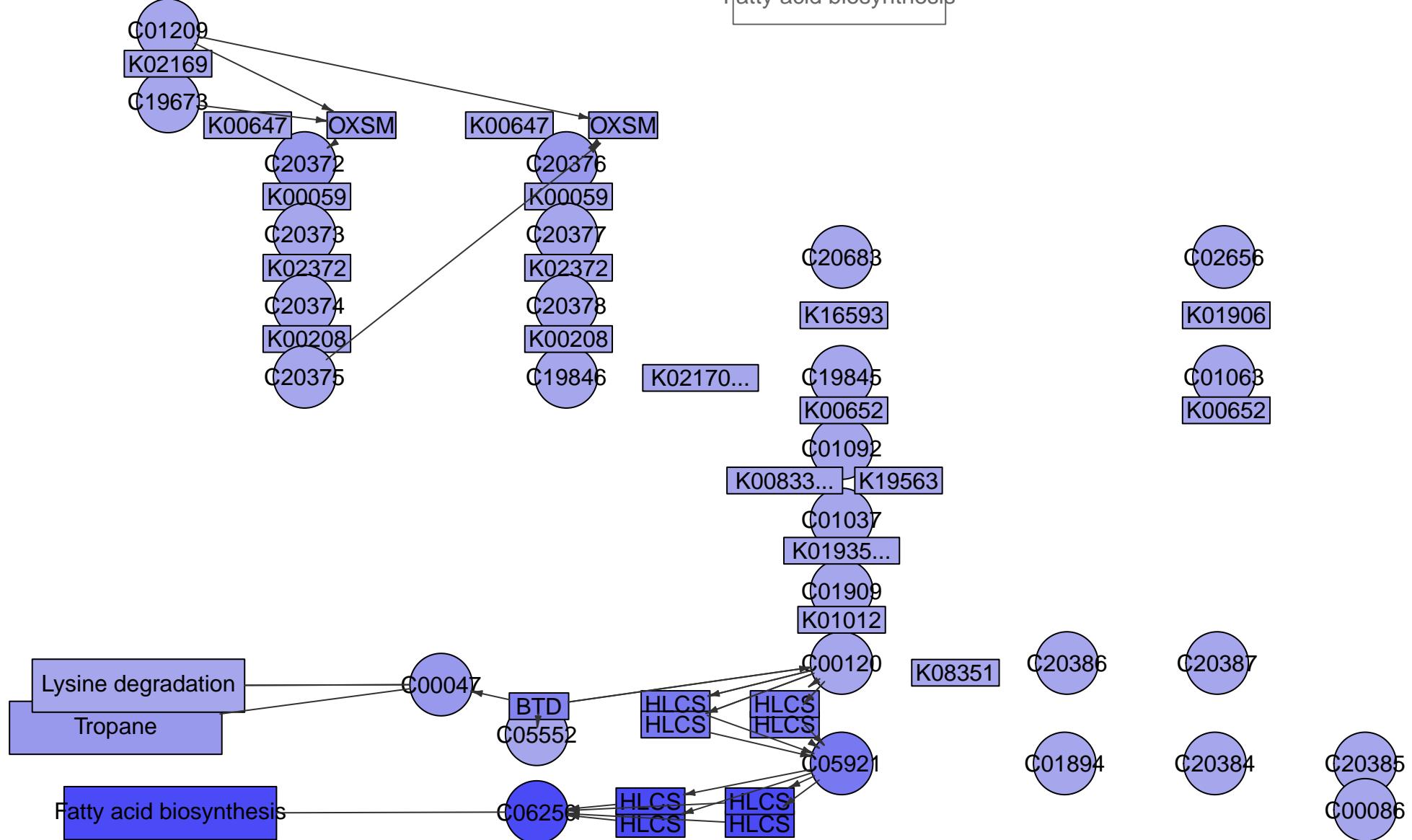
Fatty acid biosynthesis





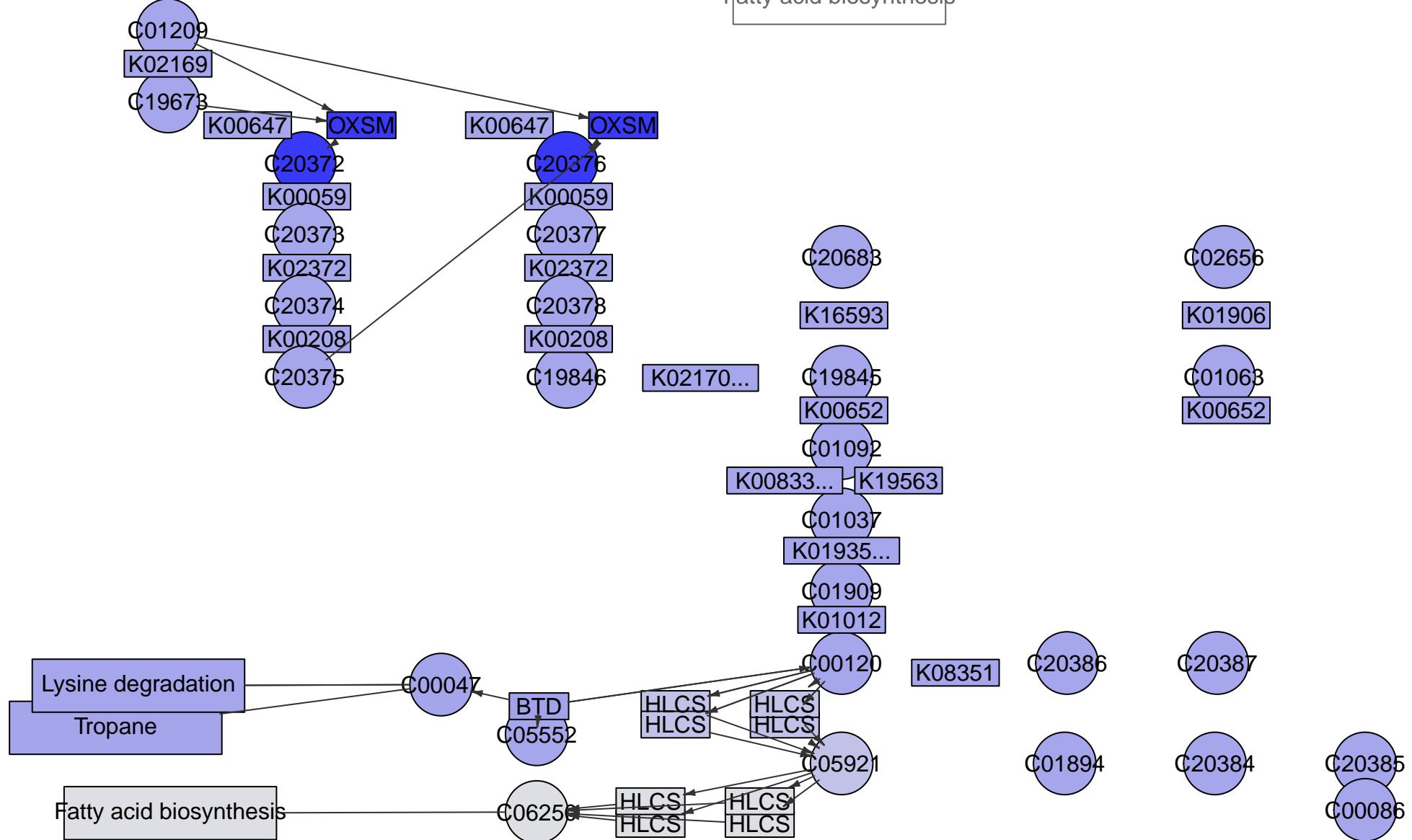
Biotin metabolism
MPI-233

Fatty acid biosynthesis



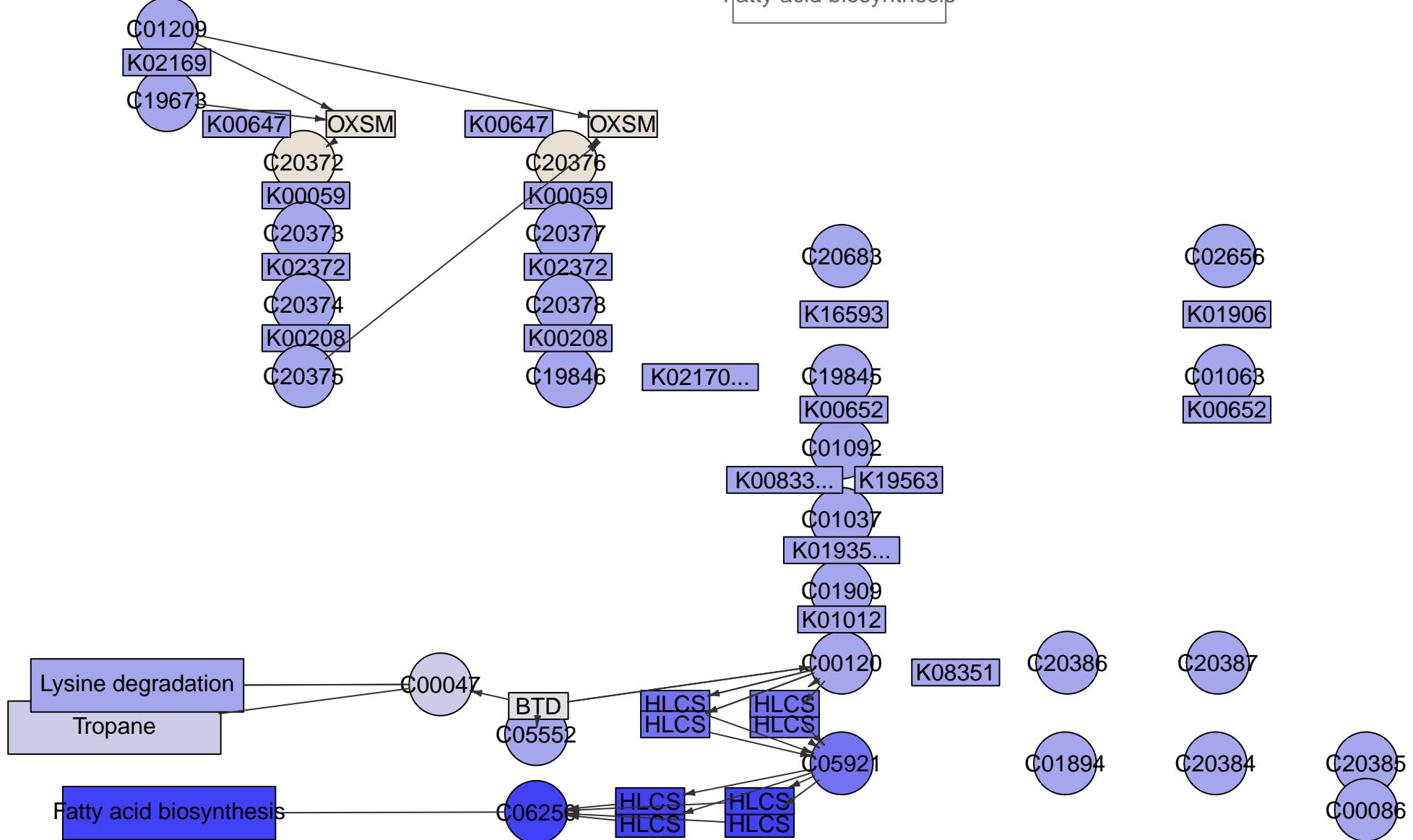
Biotin metabolism
MPI-234

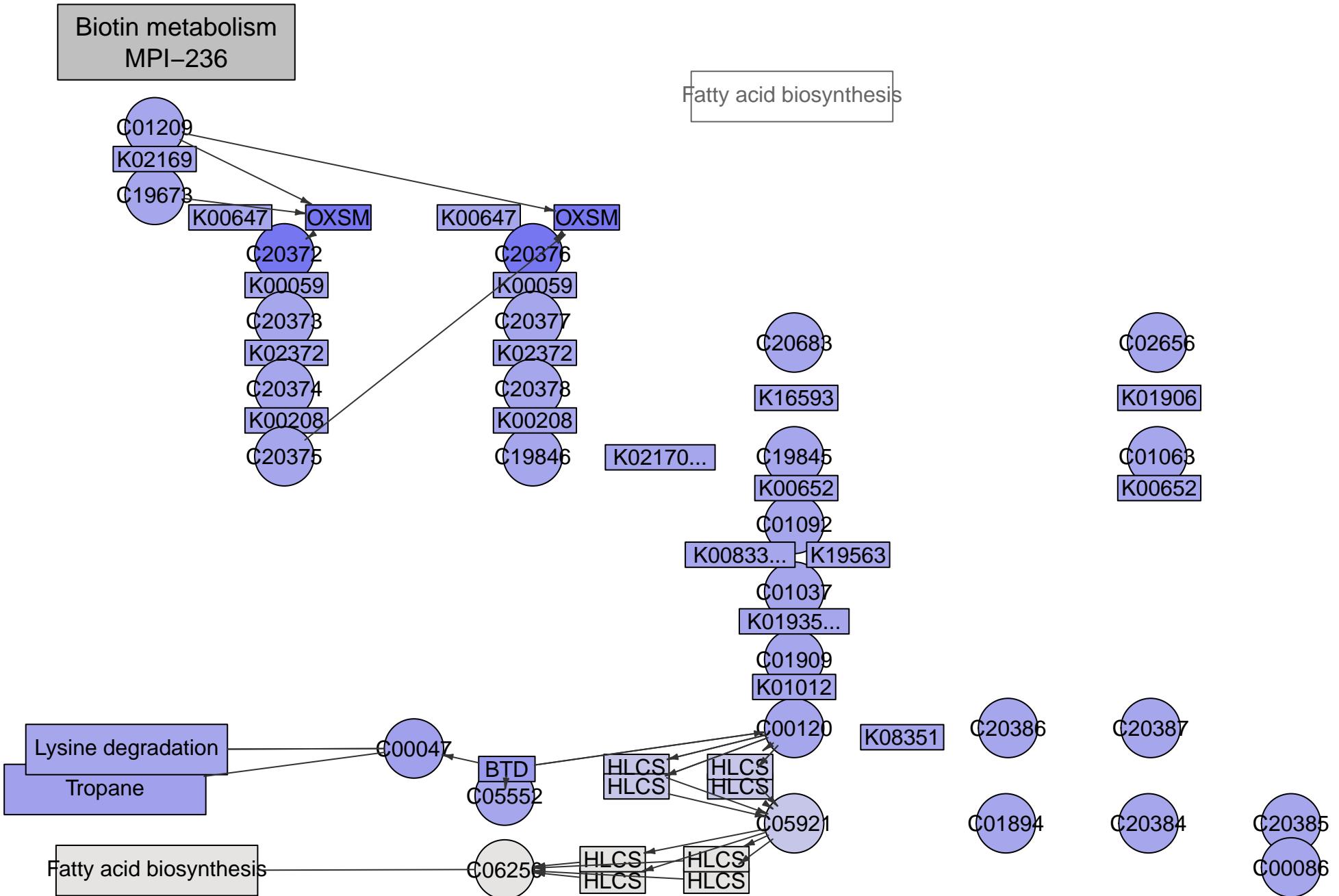
Fatty acid biosynthesis



Biotin metabolism
MPI-235

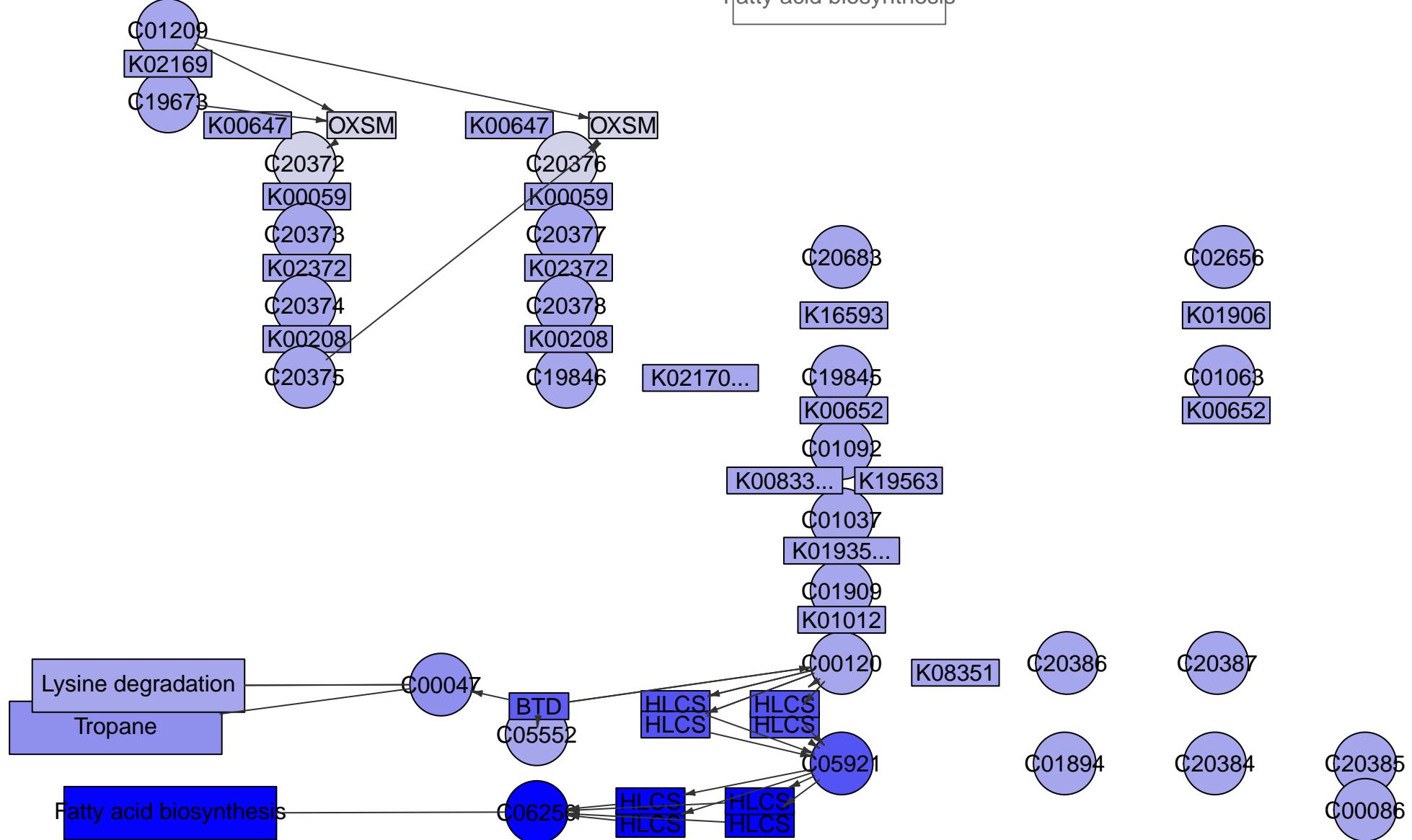
Fatty acid biosynthesis

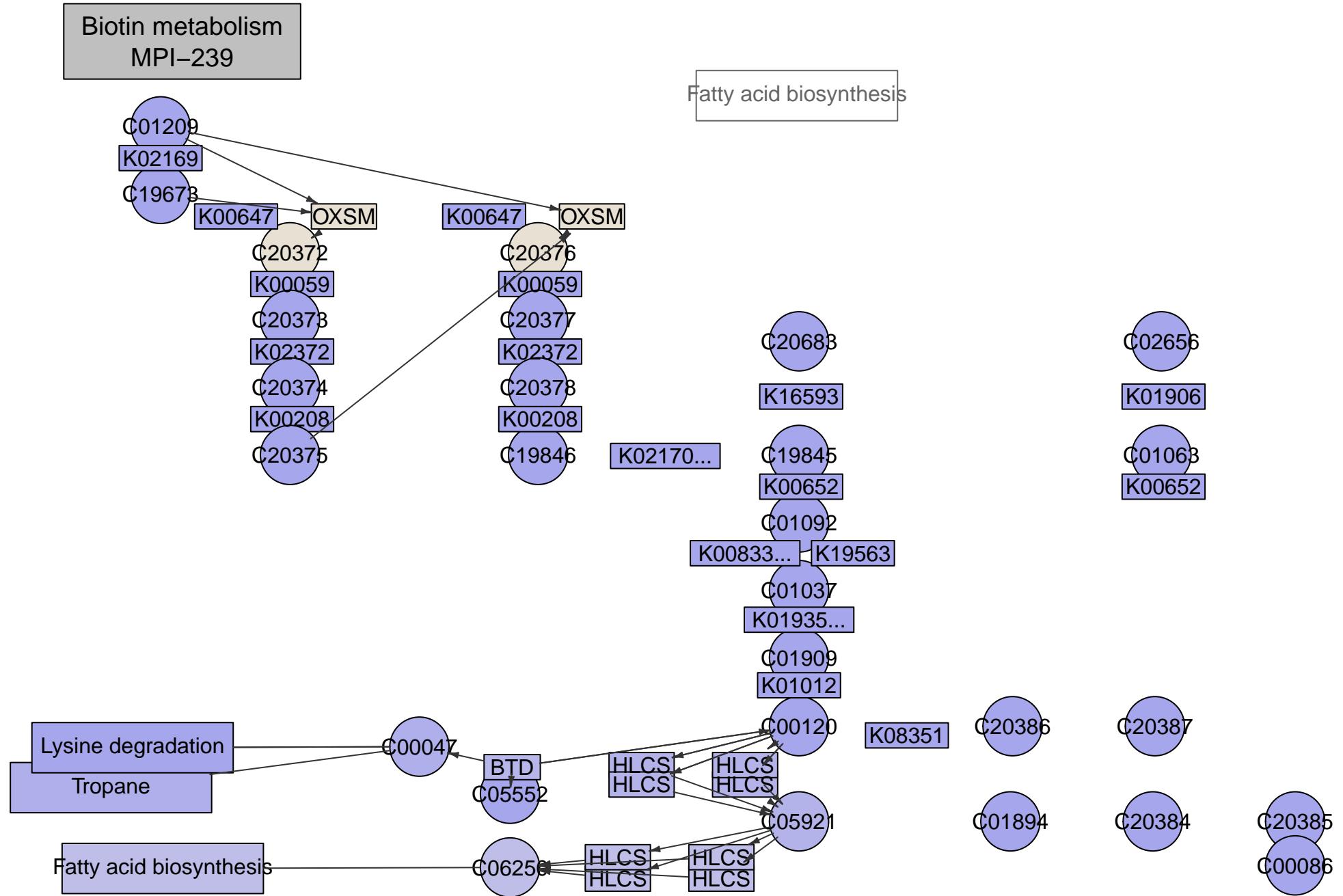




Biotin metabolism
MPI-237

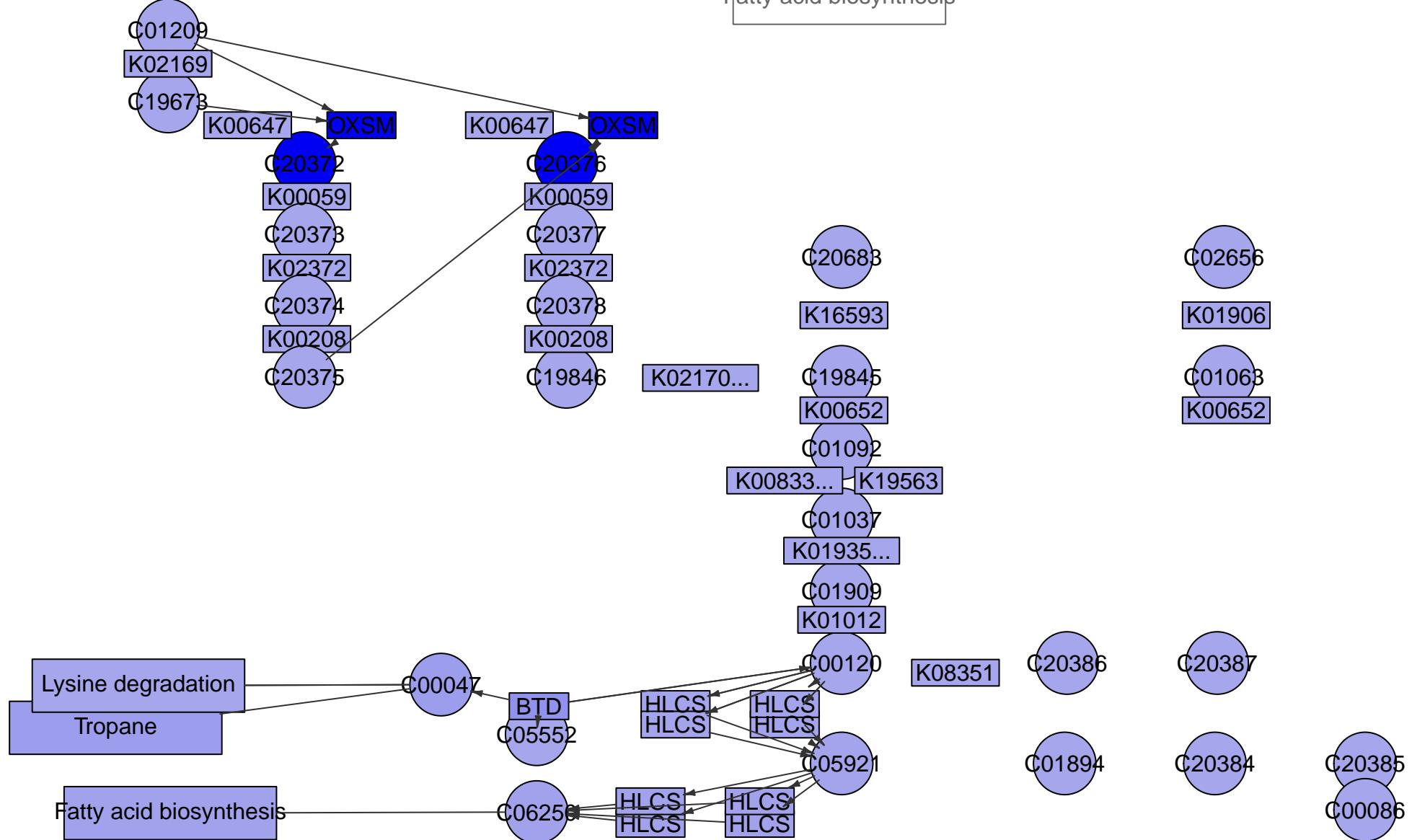
Fatty acid biosynthesis





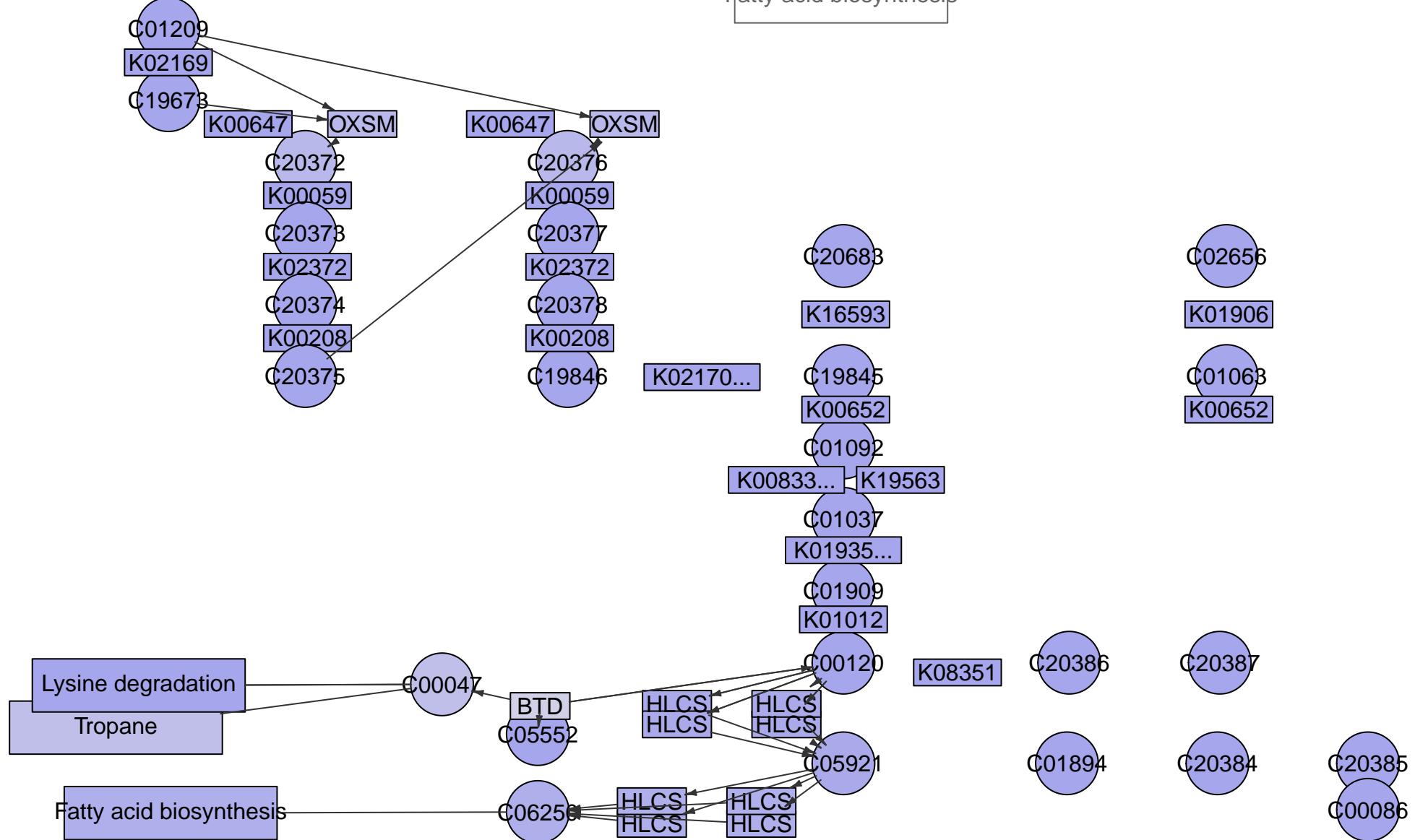
Biotin metabolism
MPI-241

Fatty acid biosynthesis



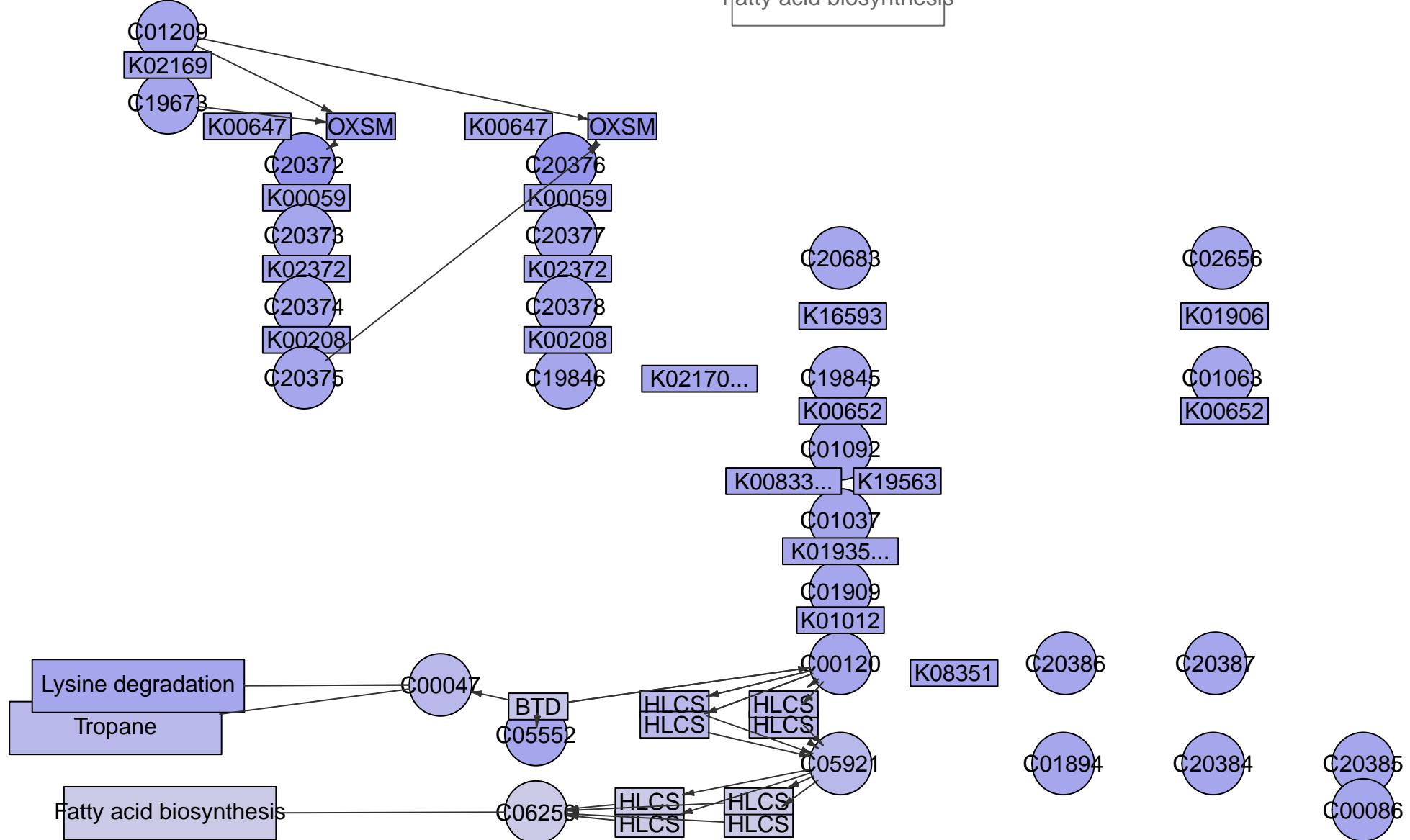
Biotin metabolism
MPI-243

Fatty acid biosynthesis



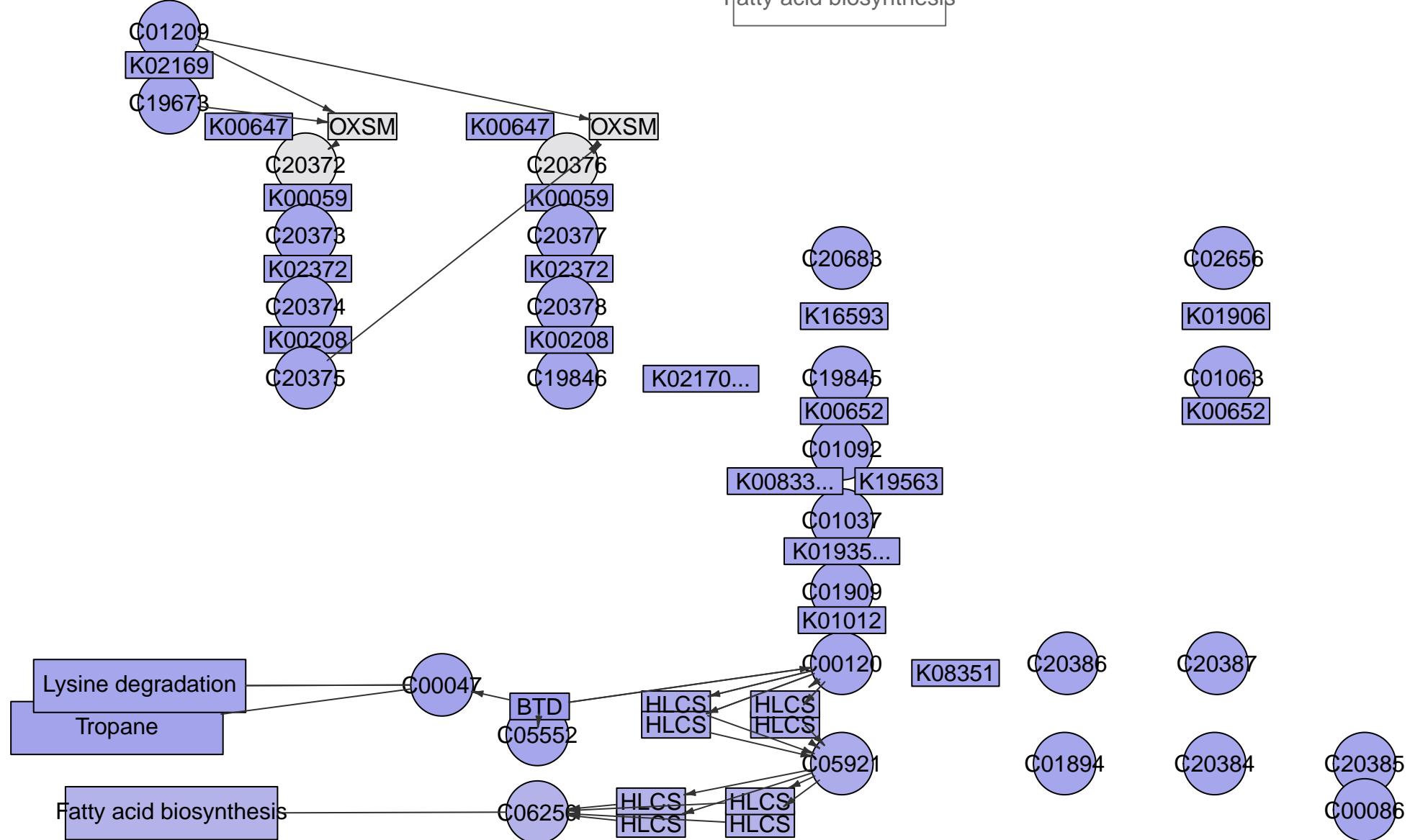
Biotin metabolism
MPI-244

Fatty acid biosynthesis



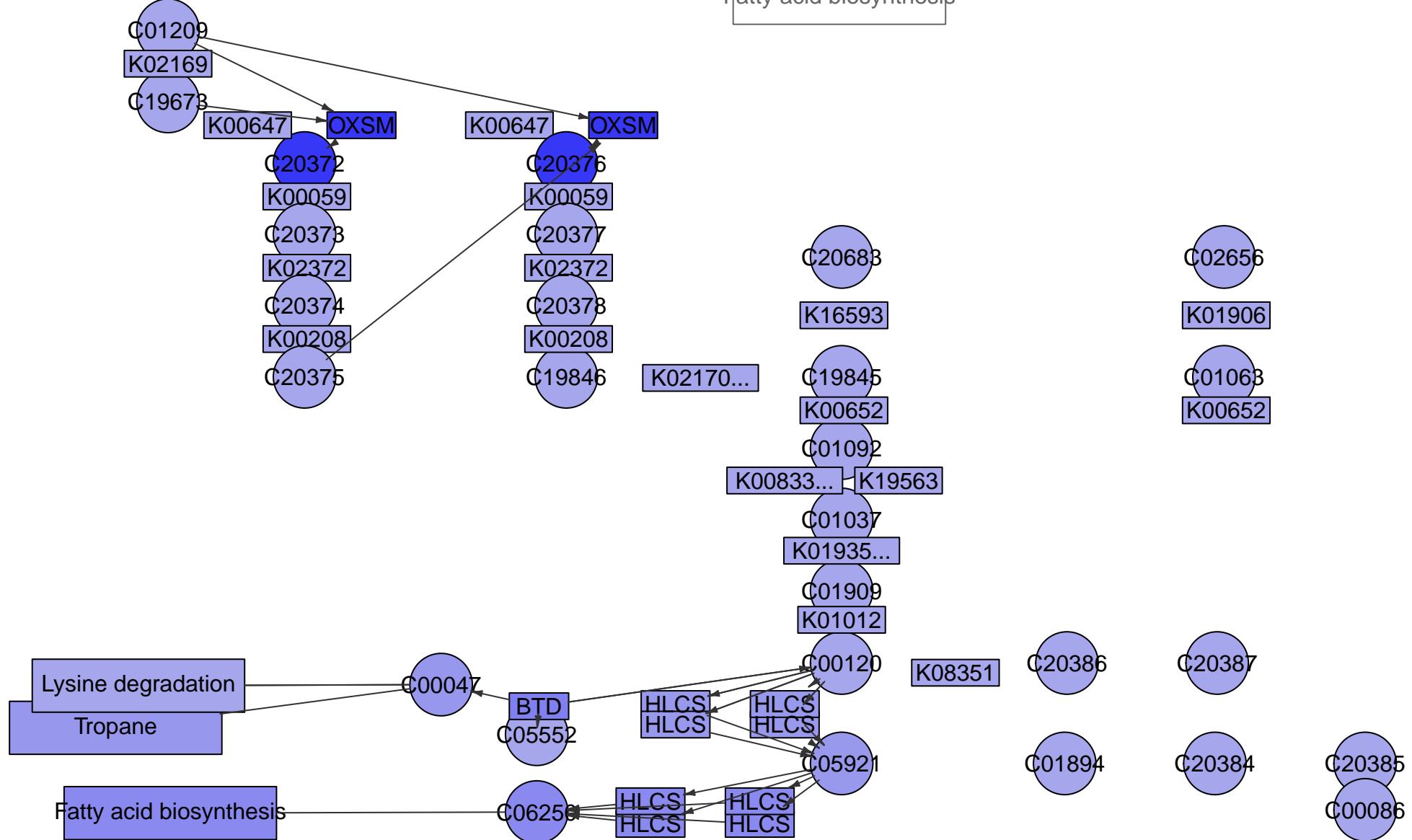
Biotin metabolism
MPI-246

Fatty acid biosynthesis



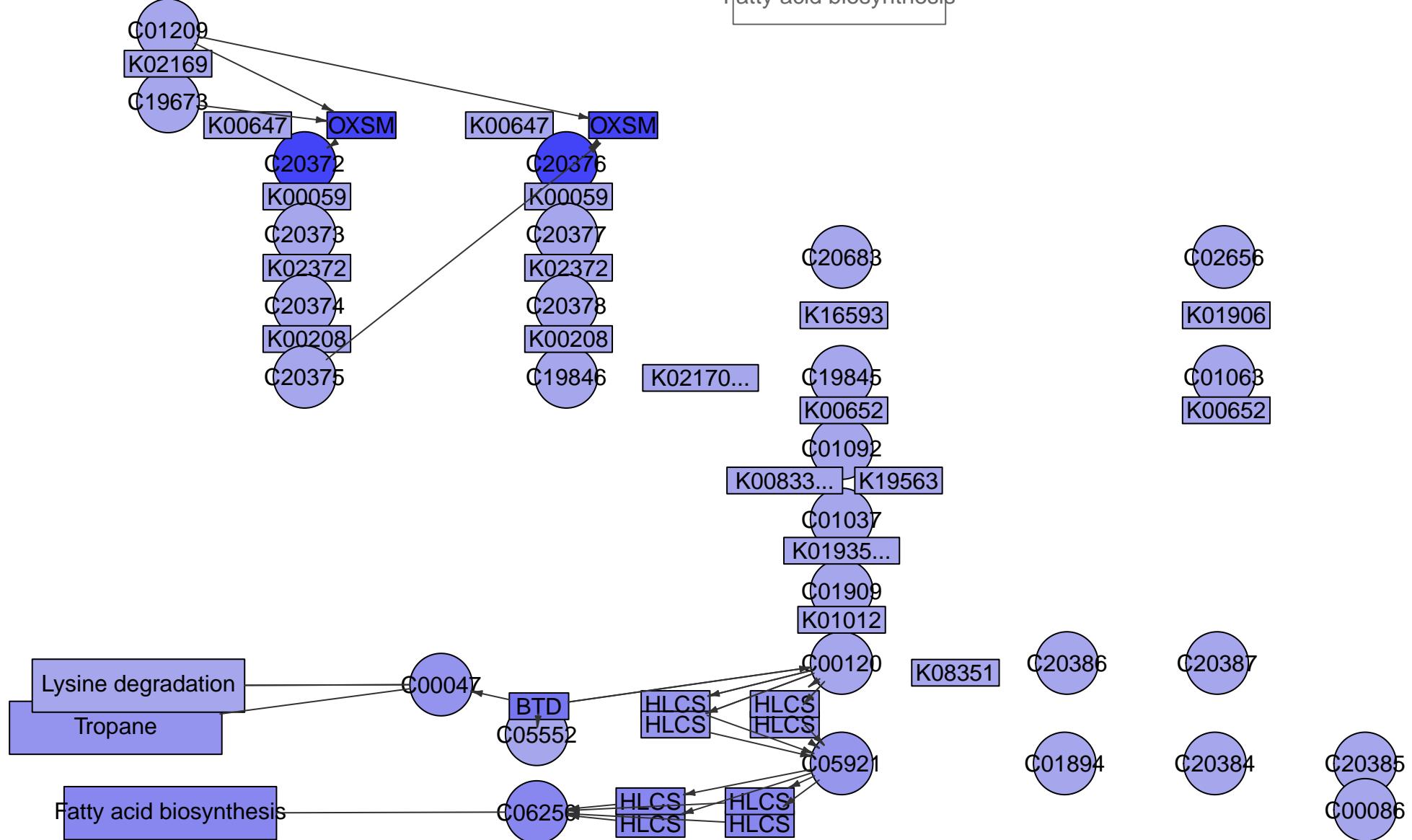
Biotin metabolism
MPI-247

Fatty acid biosynthesis



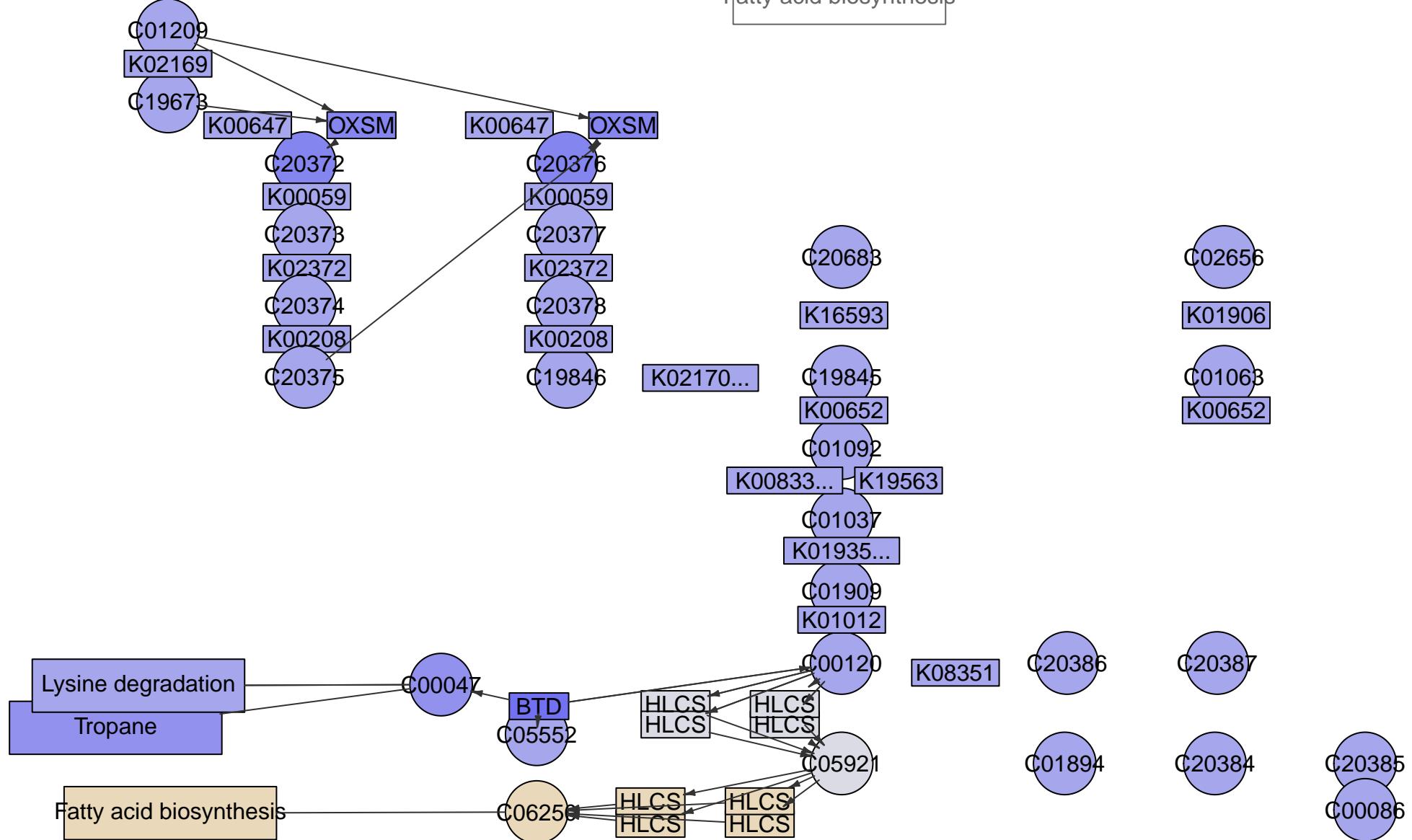
Biotin metabolism
MPI-251

Fatty acid biosynthesis



Biotin metabolism
MPI-255

Fatty acid biosynthesis



Biotin metabolism
MPI-223b

Fatty acid biosynthesis

