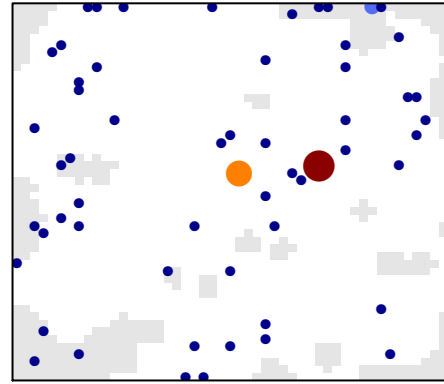
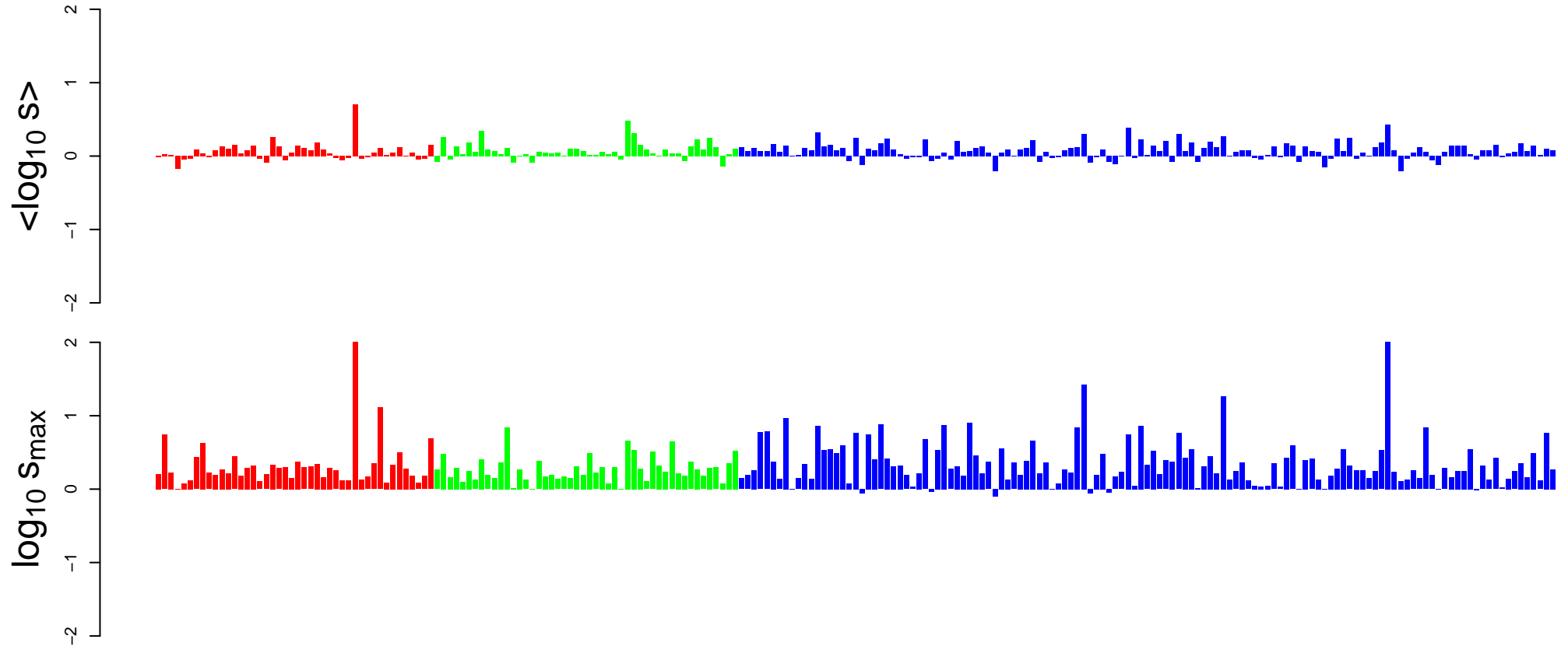


Fatty acid degradation

all genes

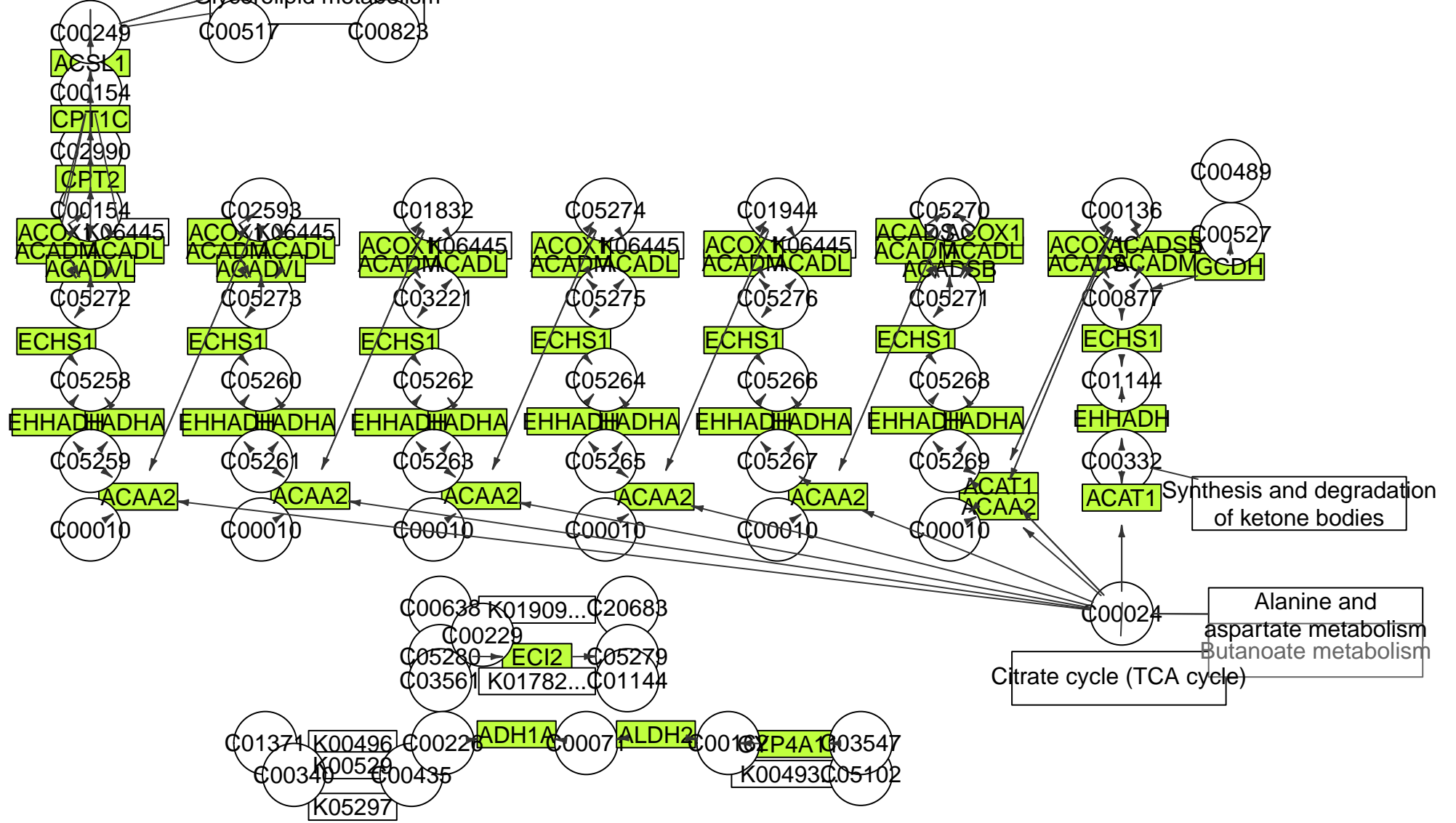


maximum = 5



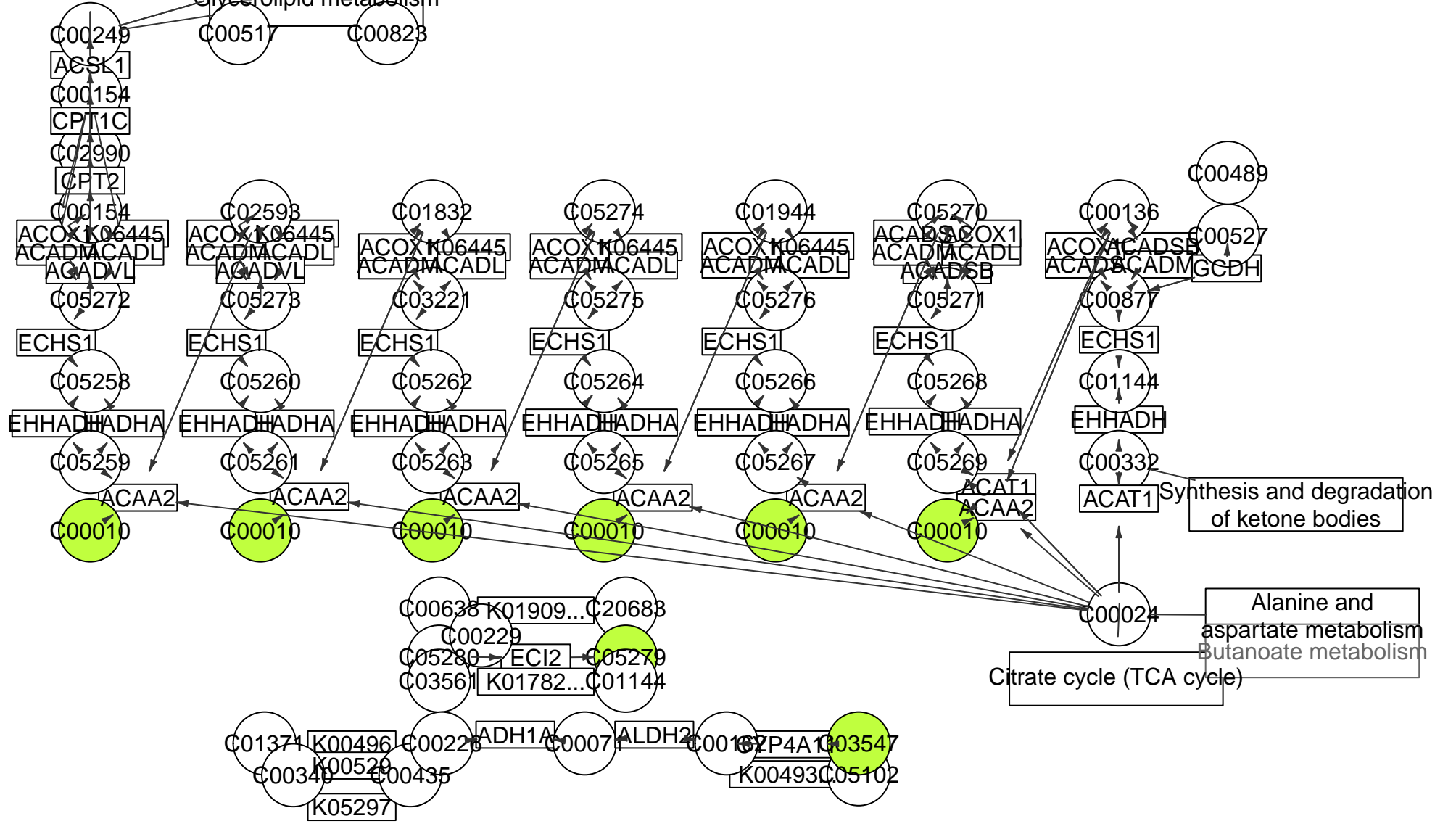
Fatty acid degradation
(genes with data)

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



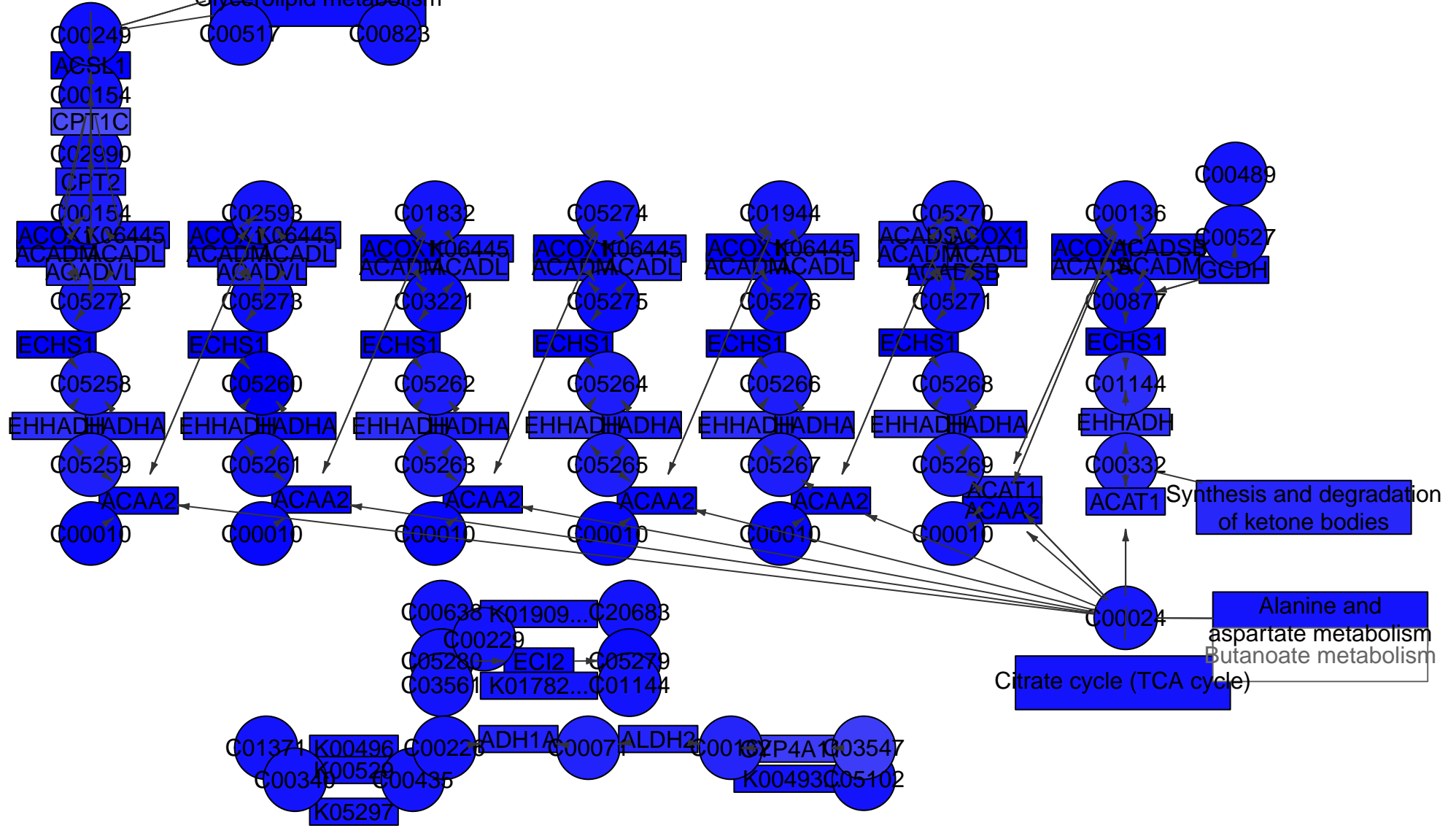
Fatty acid degradation
(sink nodes)

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



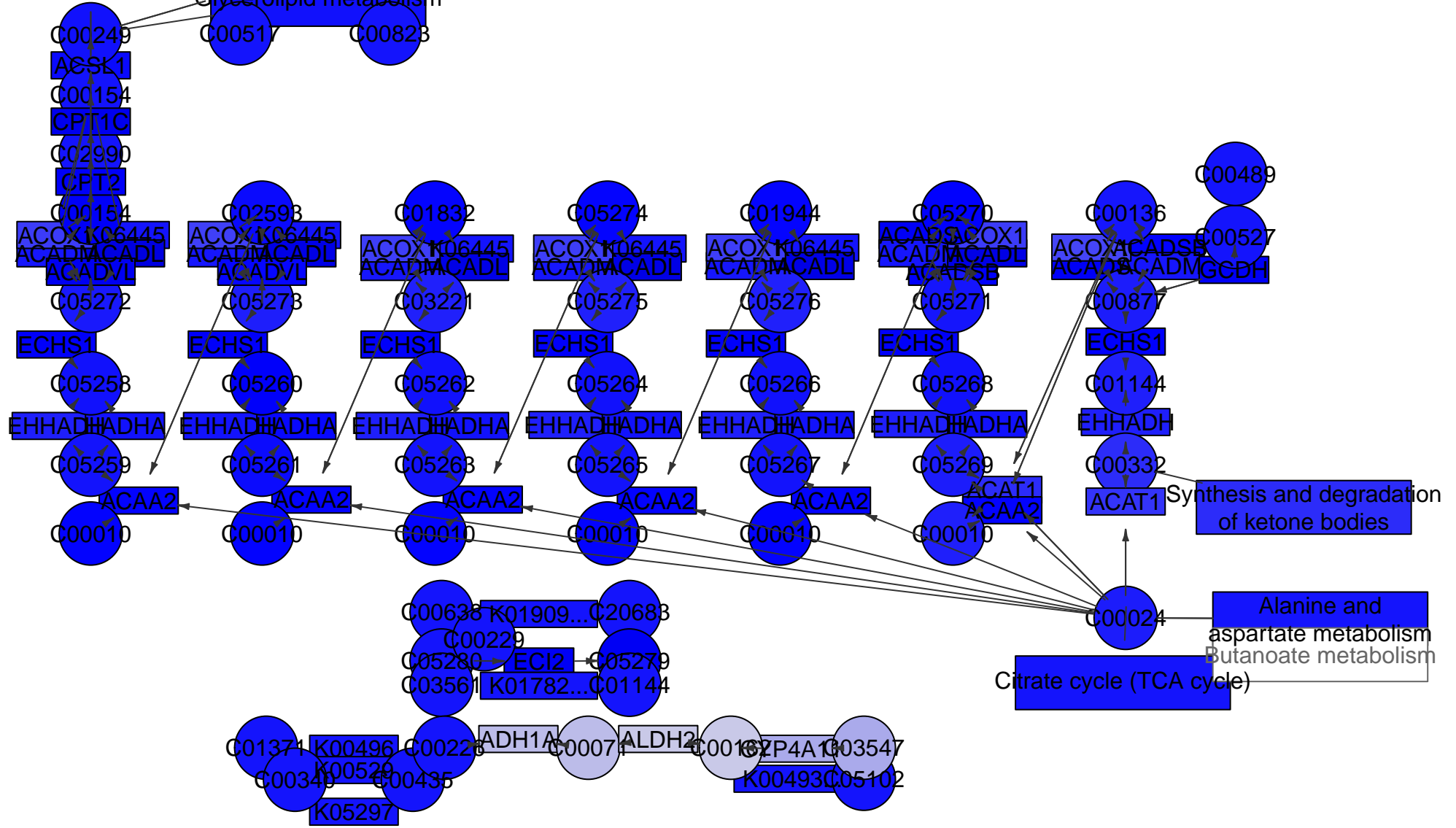
Fatty acid degradation
MPI-001

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



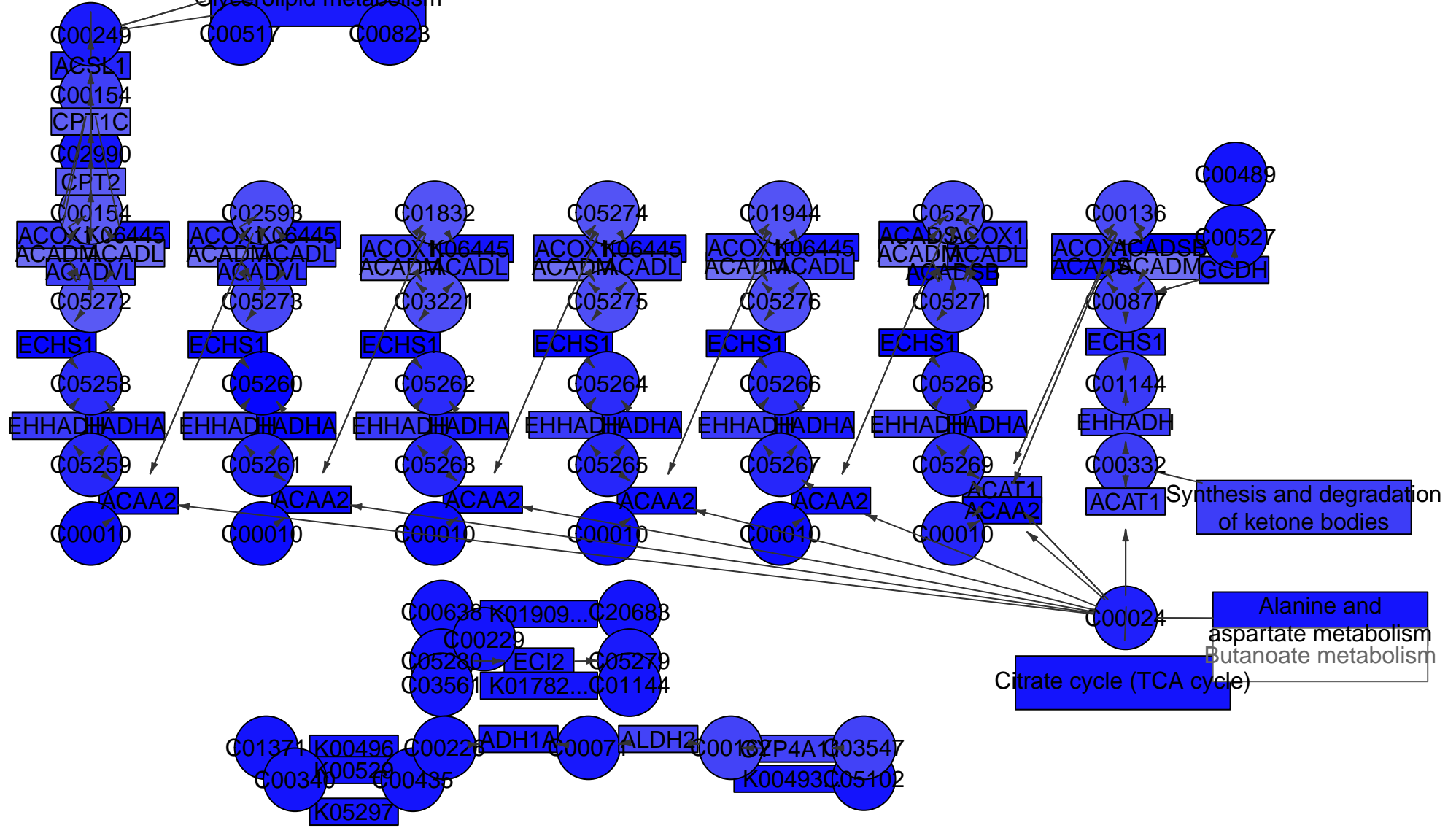
Fatty acid degradation
MPI-002

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



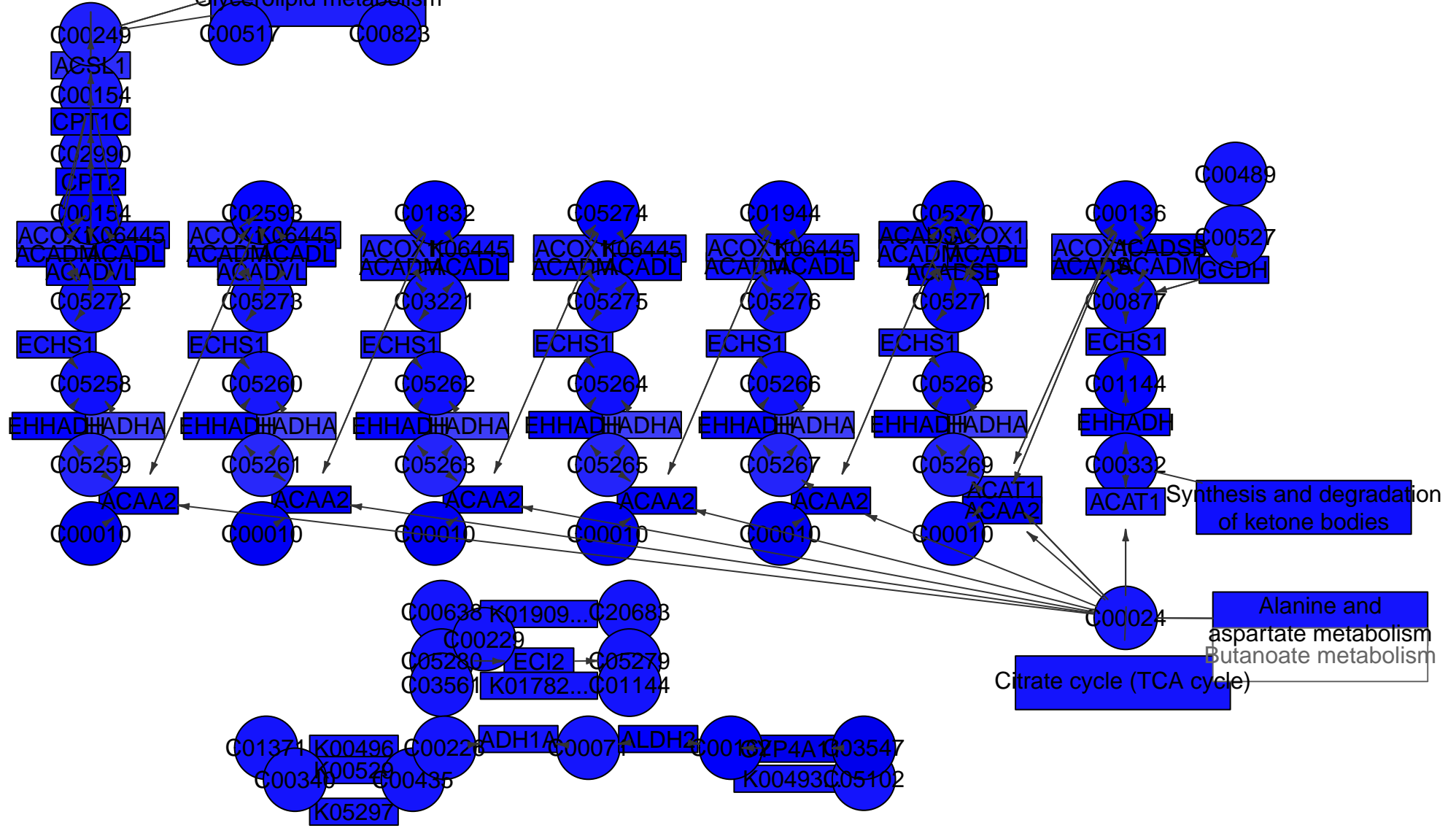
Fatty acid degradation
MPI-003

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



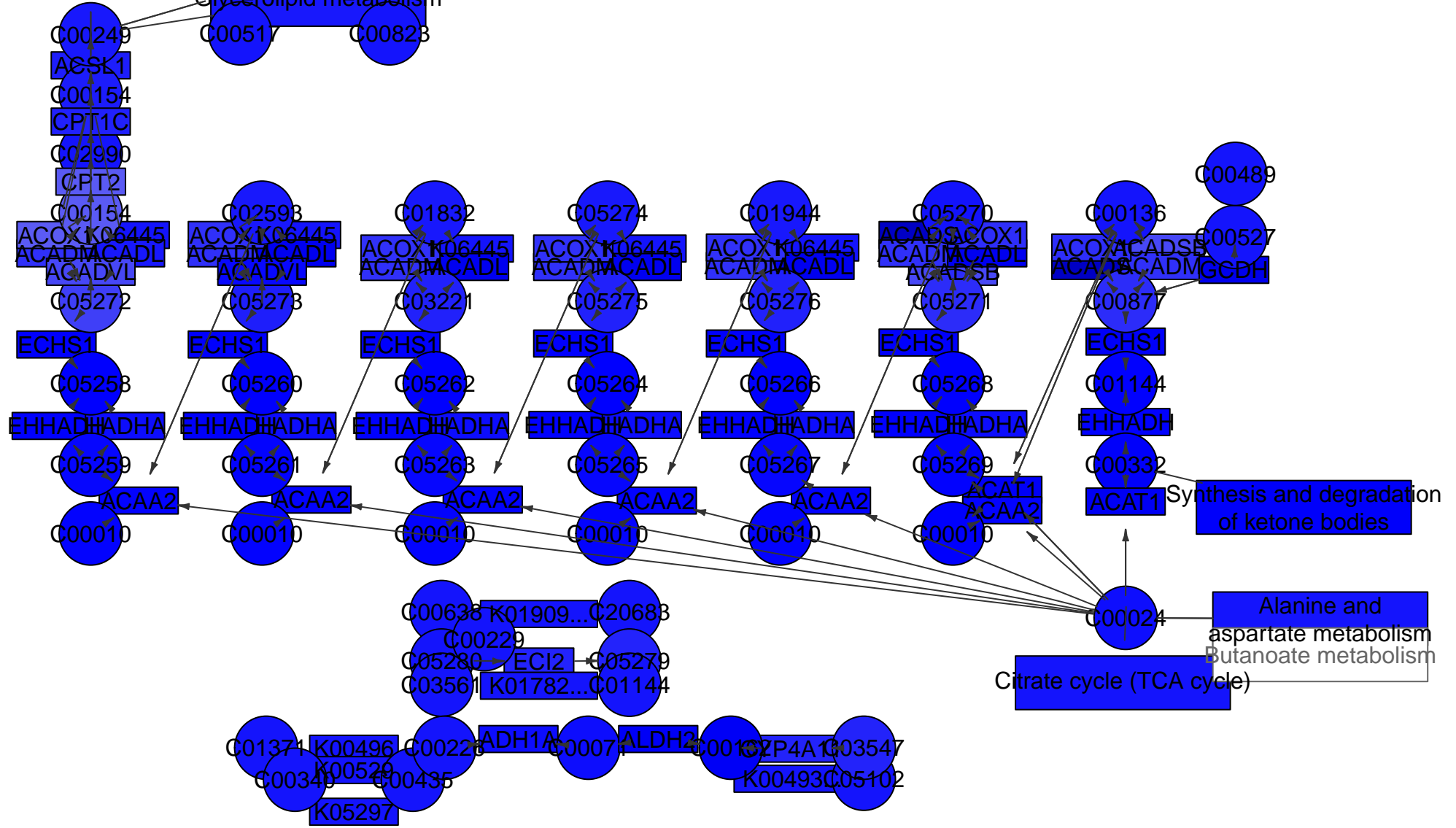
Fatty acid degradation
MPI-005

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



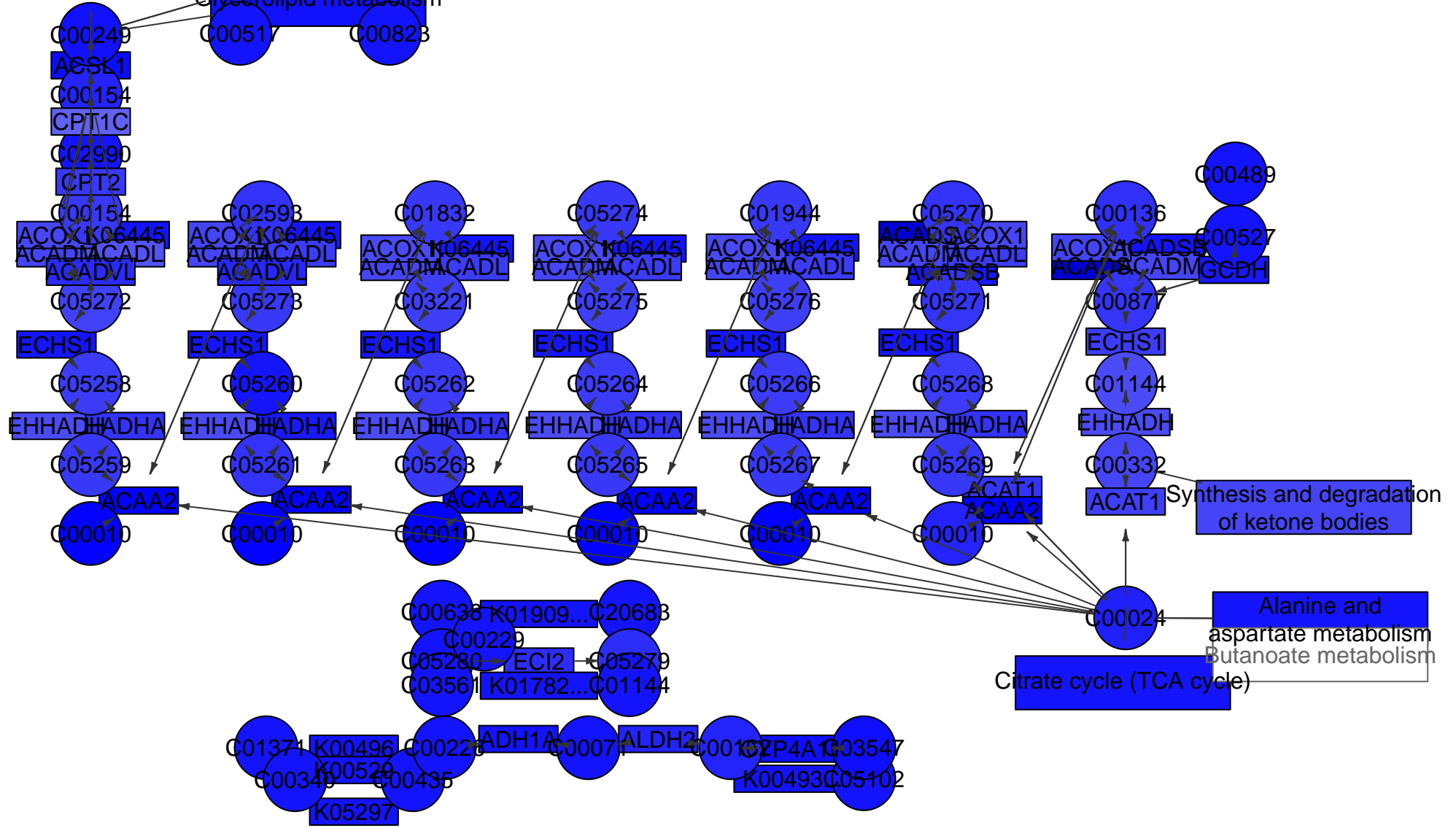
Fatty acid degradation
MPI-006

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



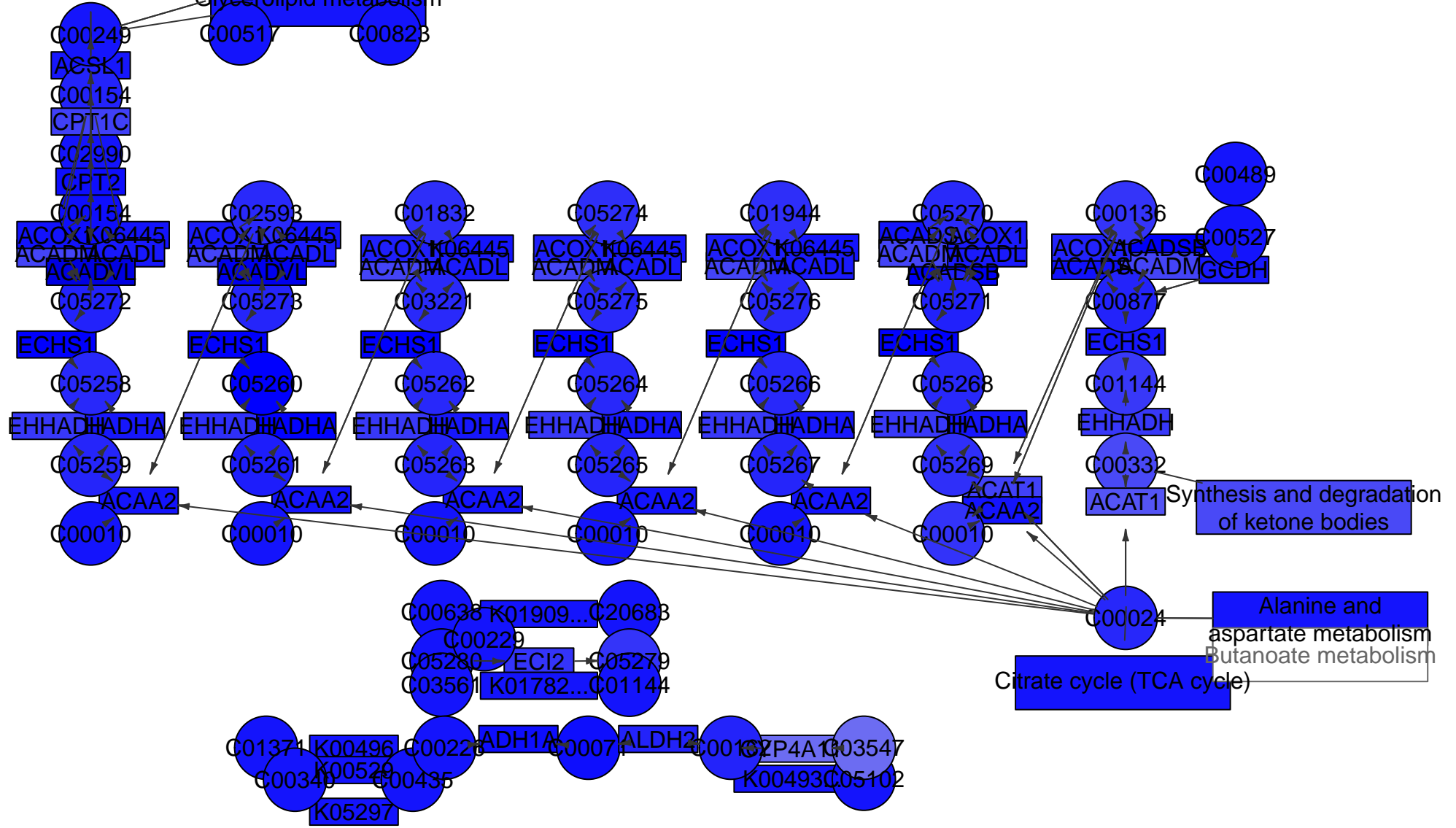
Fatty acid degradation
MPI-016

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



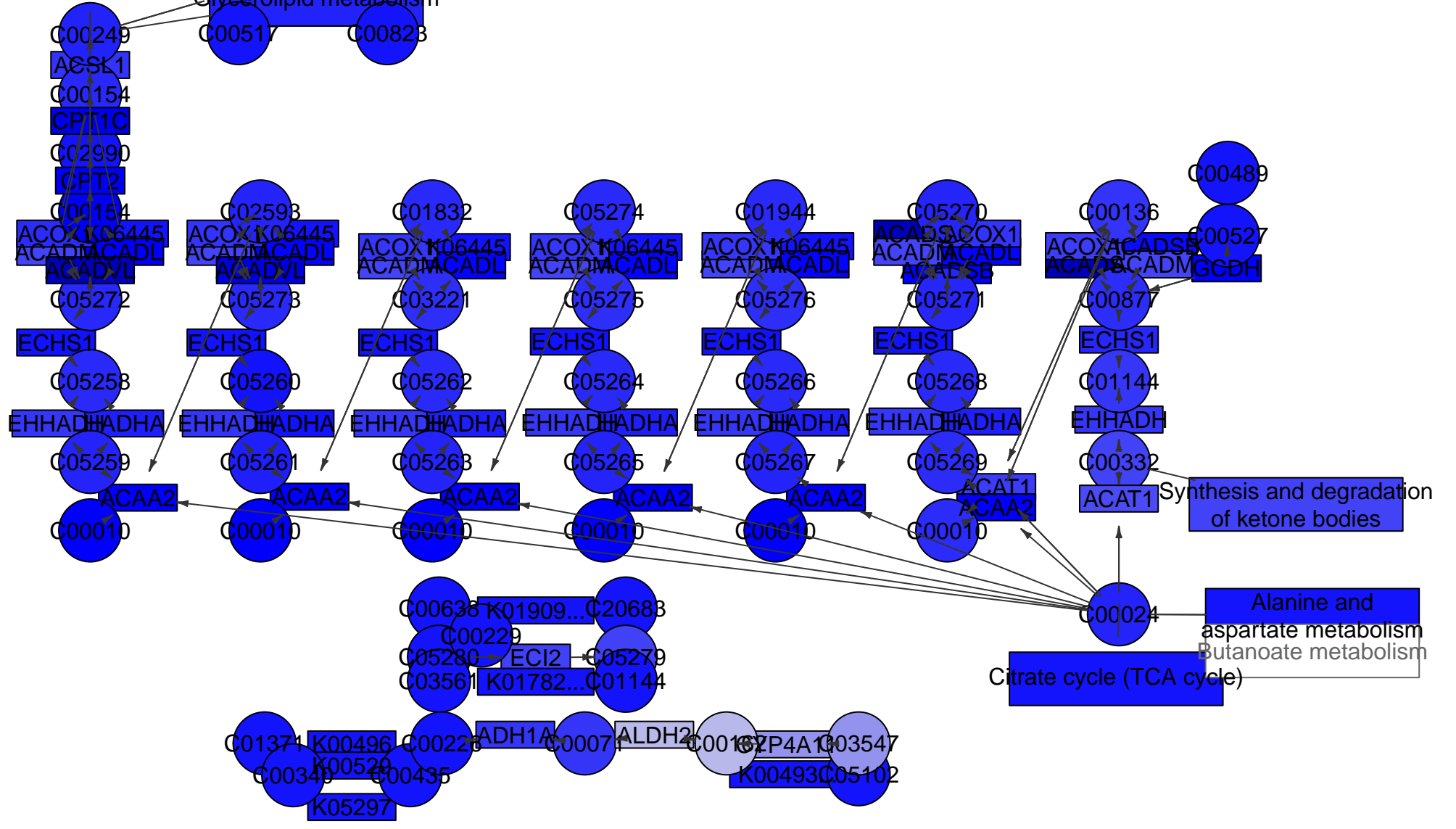
Fatty acid degradation
MPI-017

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-018

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

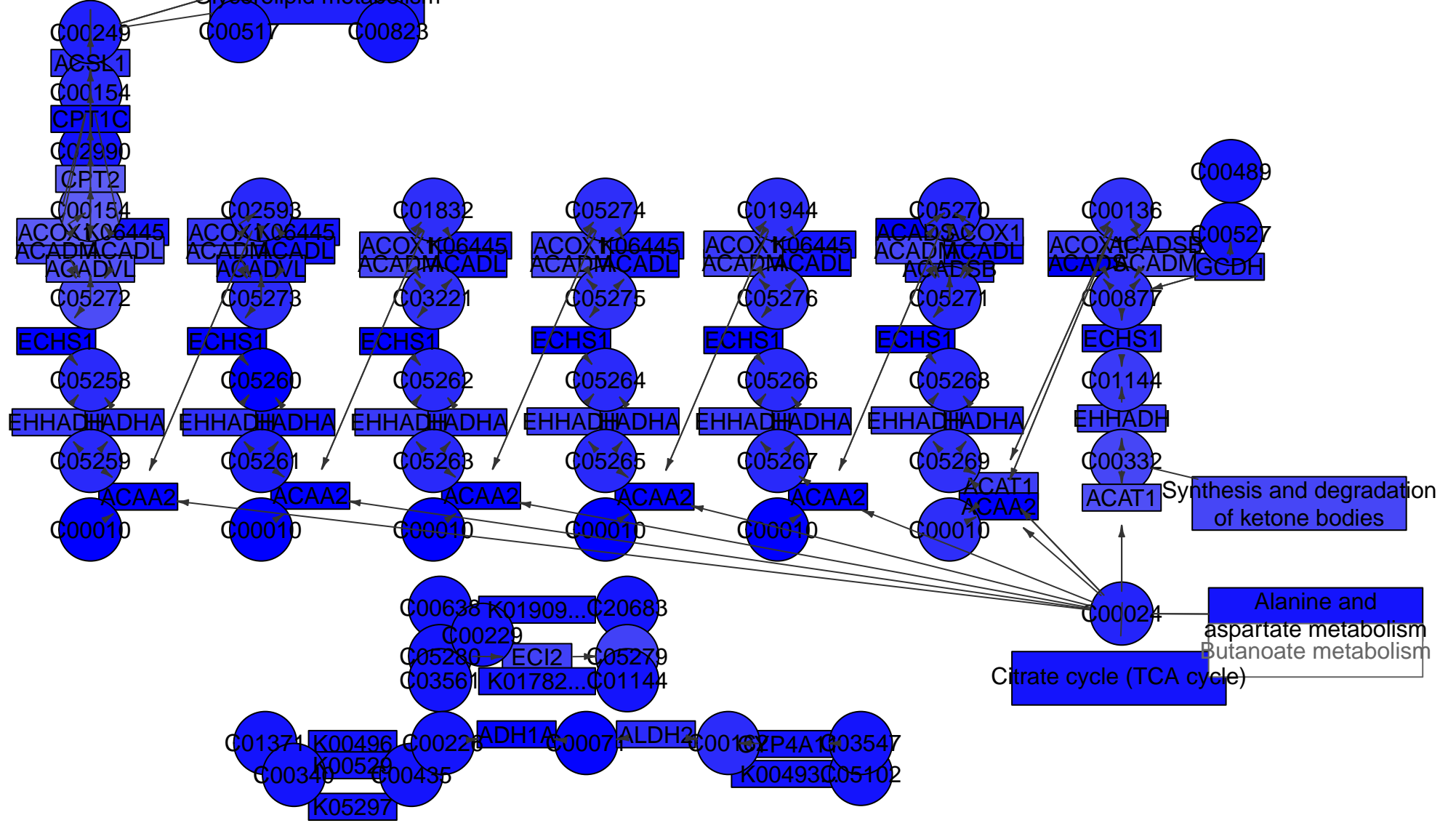


Fatty acid degradation
MPI-027

Fatty acid biosynthesis

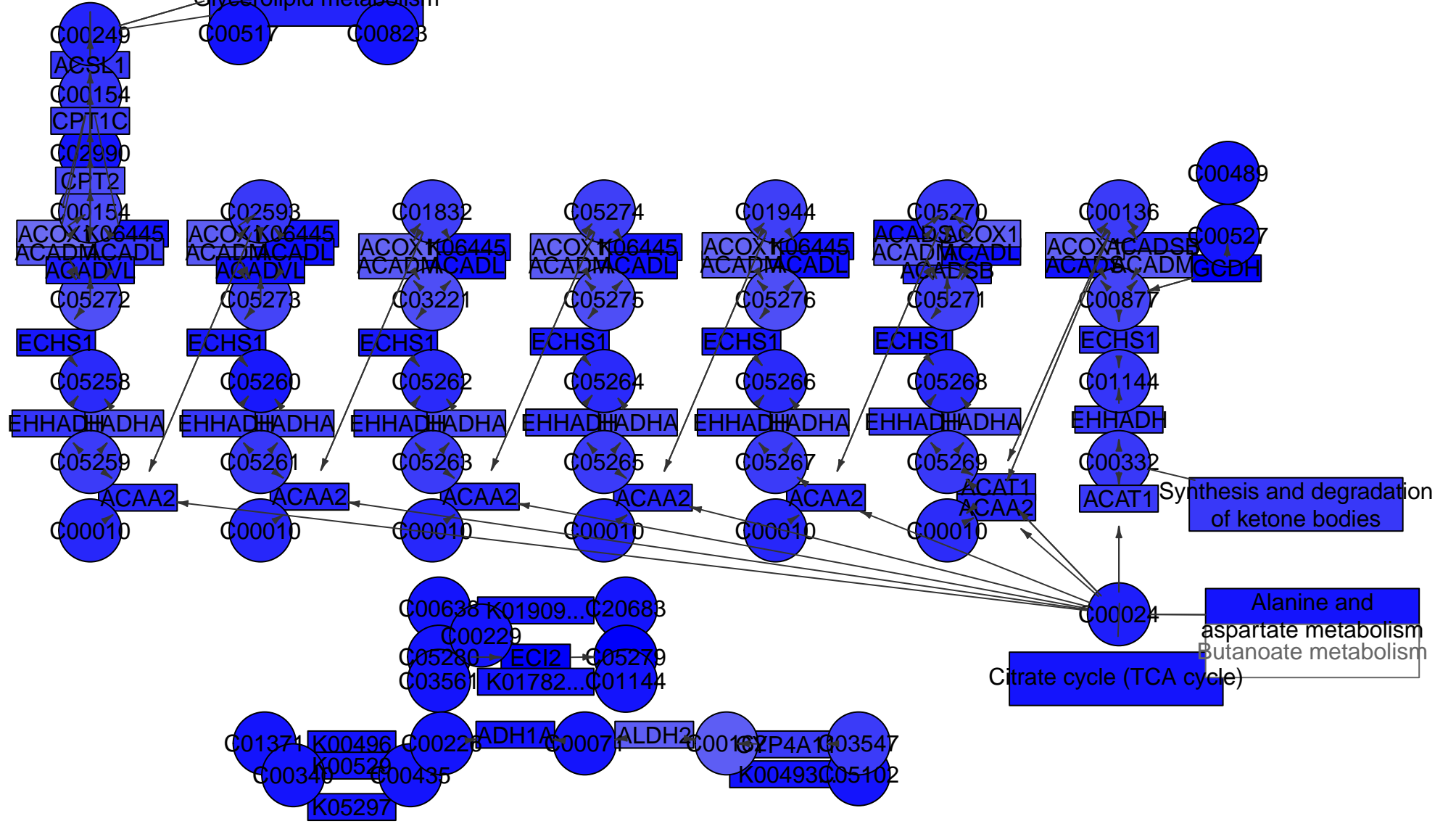
Fatty acid elongation

Glycerolipid metabolism



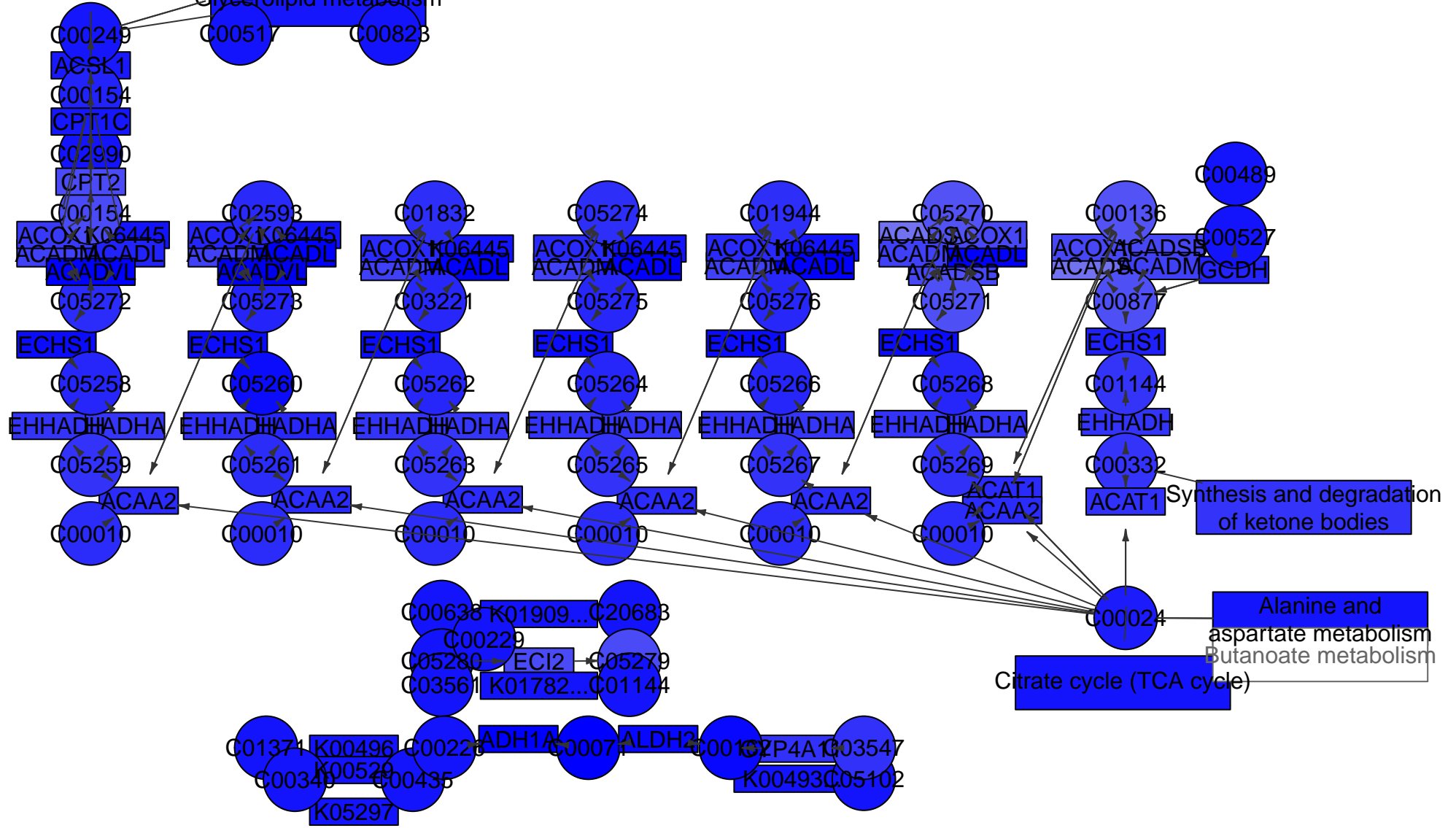
Fatty acid degradation
MPI-028

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



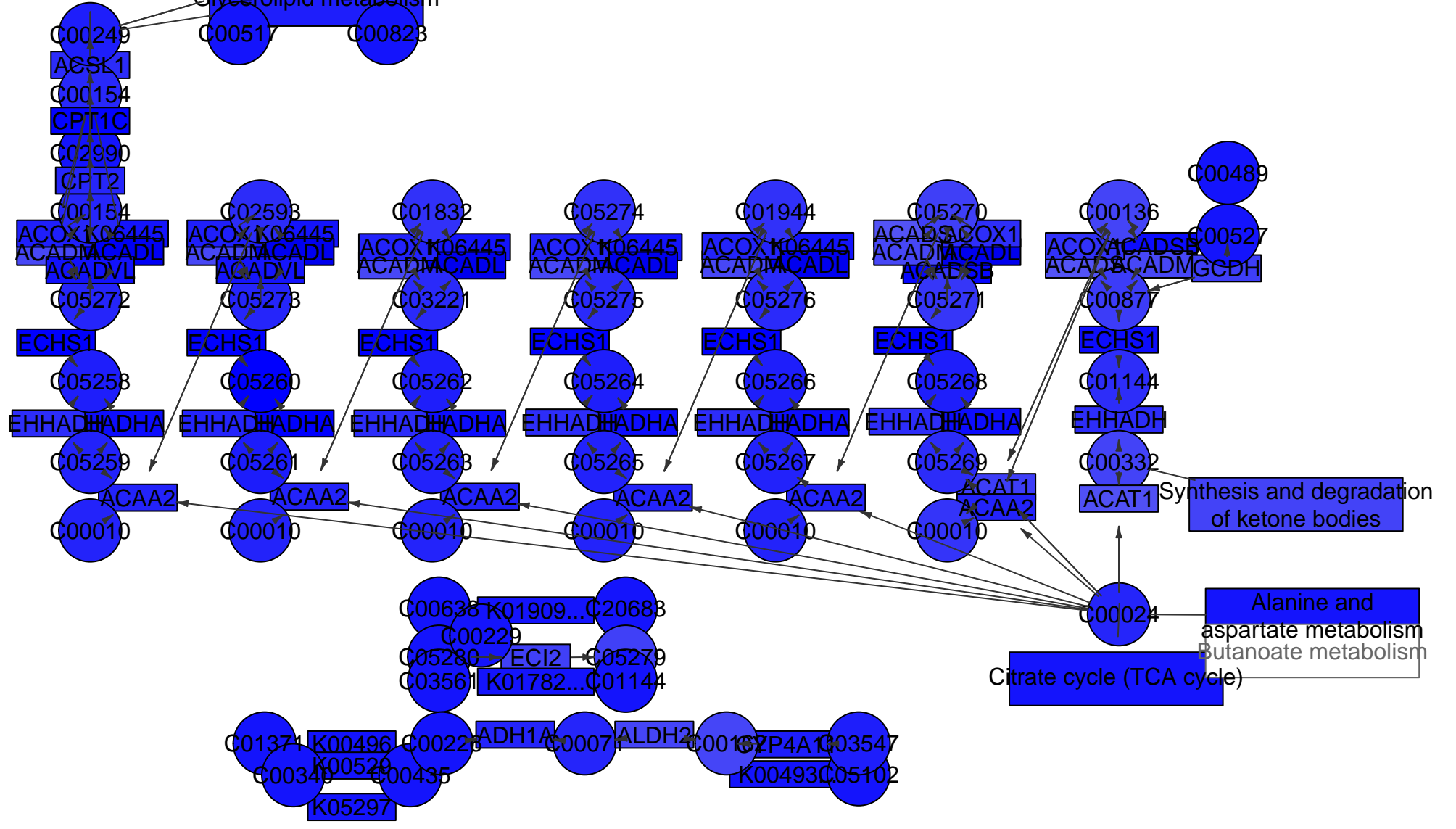
Fatty acid degradation
MPI-032

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



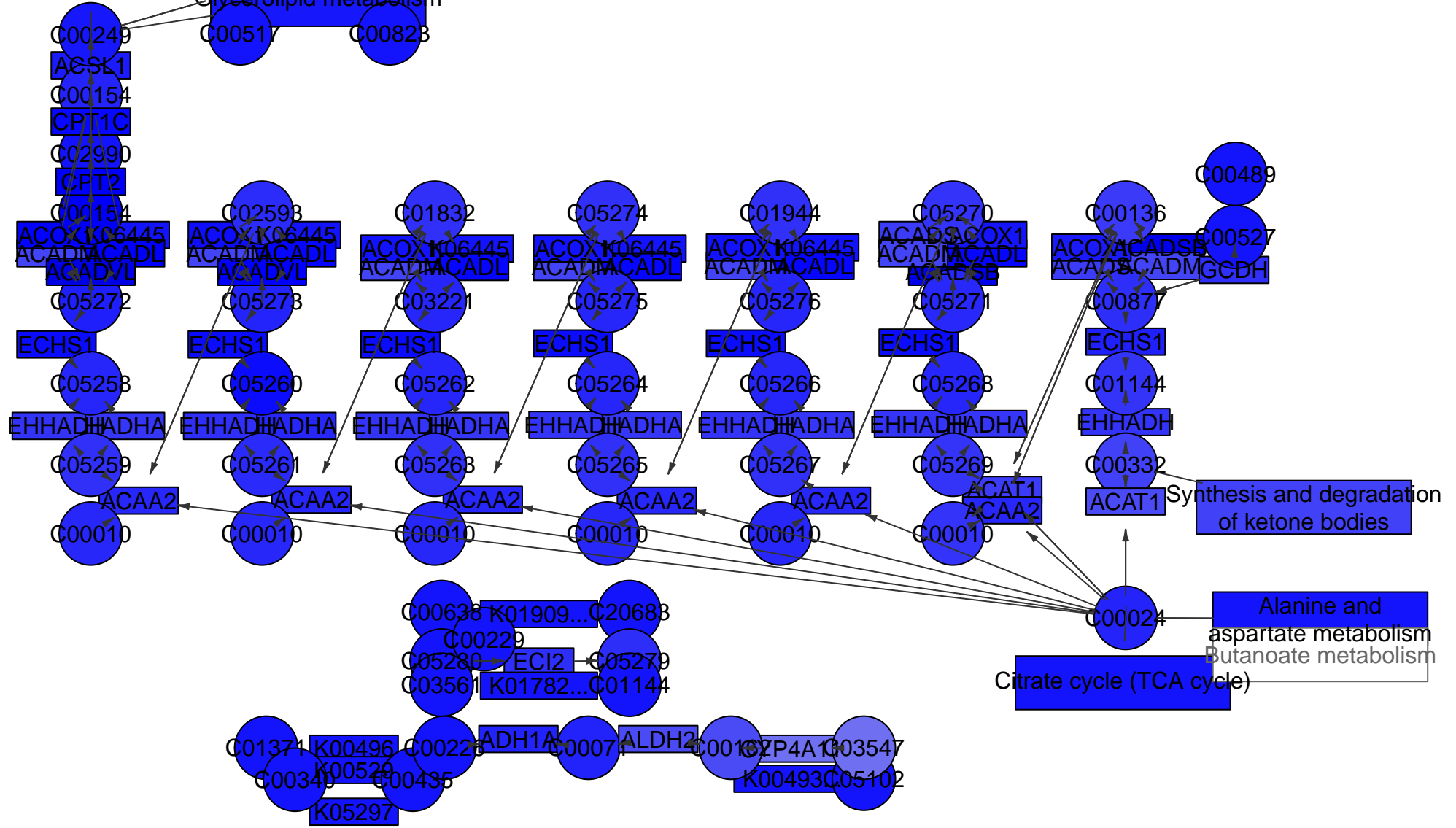
Fatty acid degradation
MPI-033

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



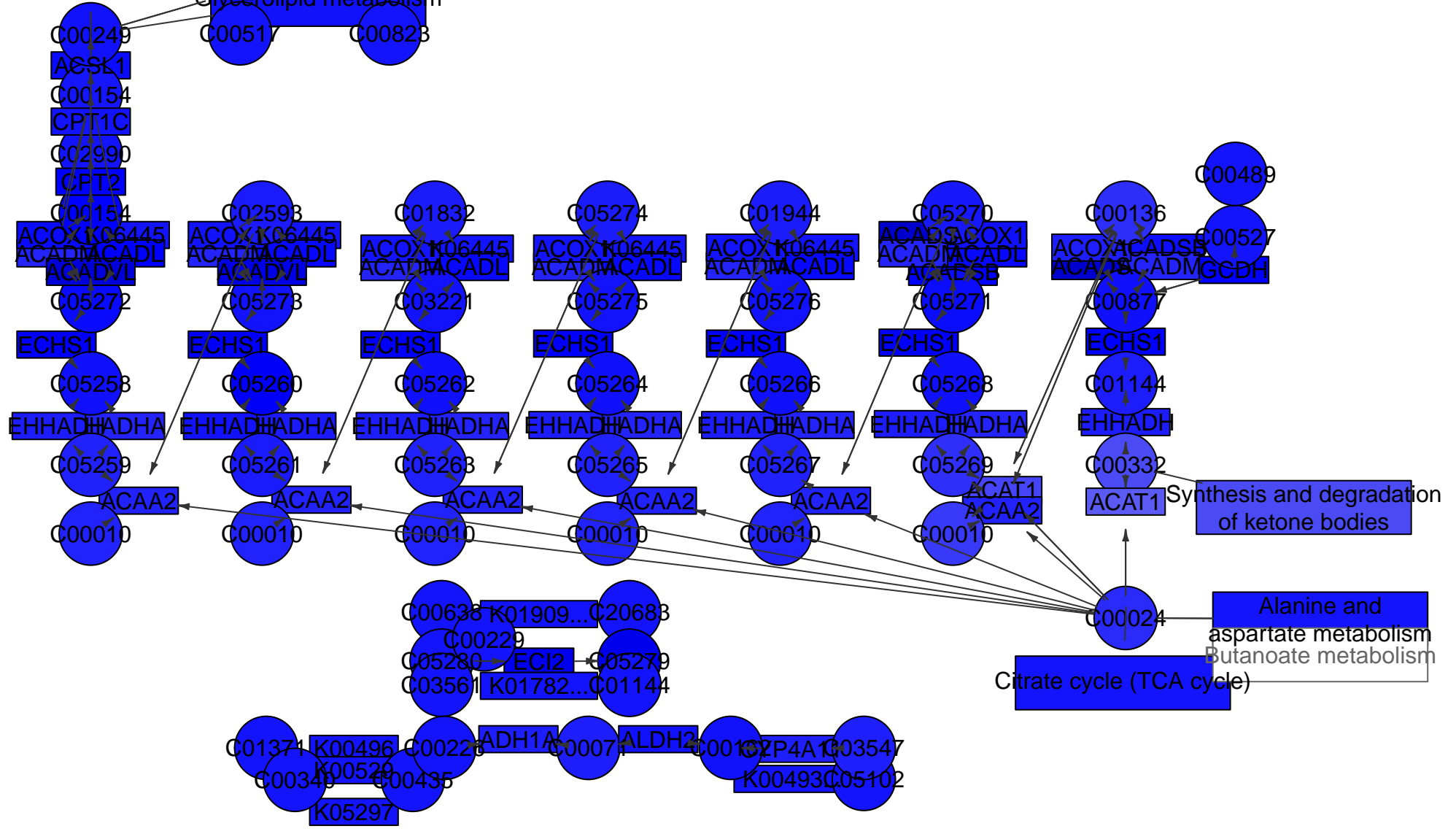
Fatty acid degradation
MPI-034

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-043

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

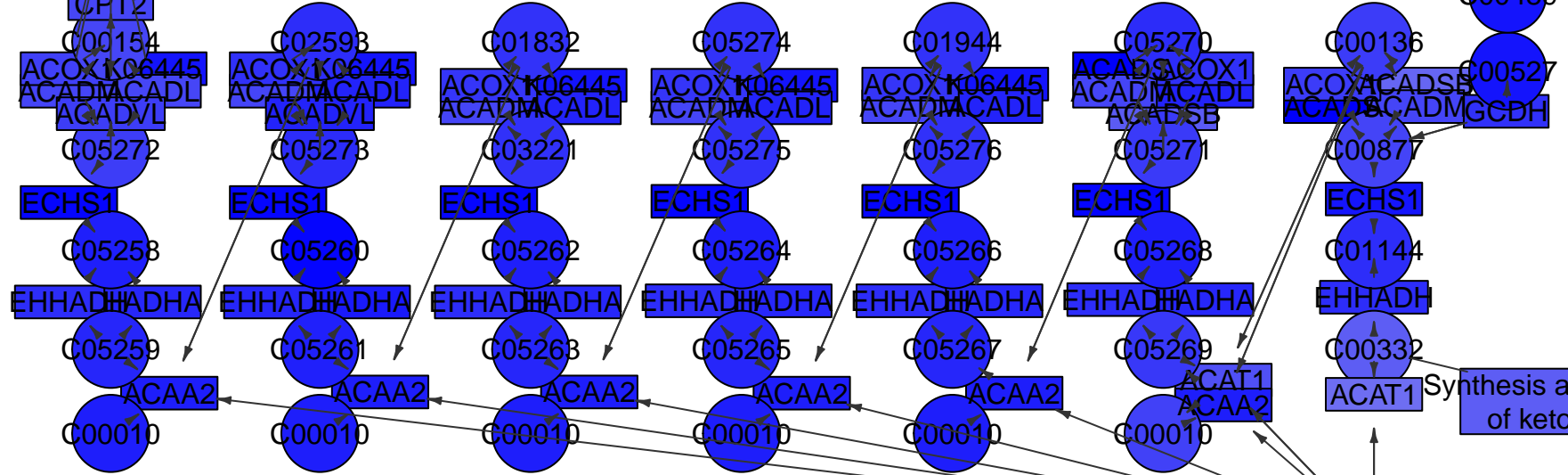


Fatty acid degradation
MPI-044

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

C00249
C00517 C00823

ACSL1
C00154
CPT1C
C02990
CPT2



C00489

C00136
C00527
ACOYACADSB
ACADM/GCDH

Synthesis and degradation
of ketone bodies

Alanine and
aspartate metabolism
Butanoate metabolism

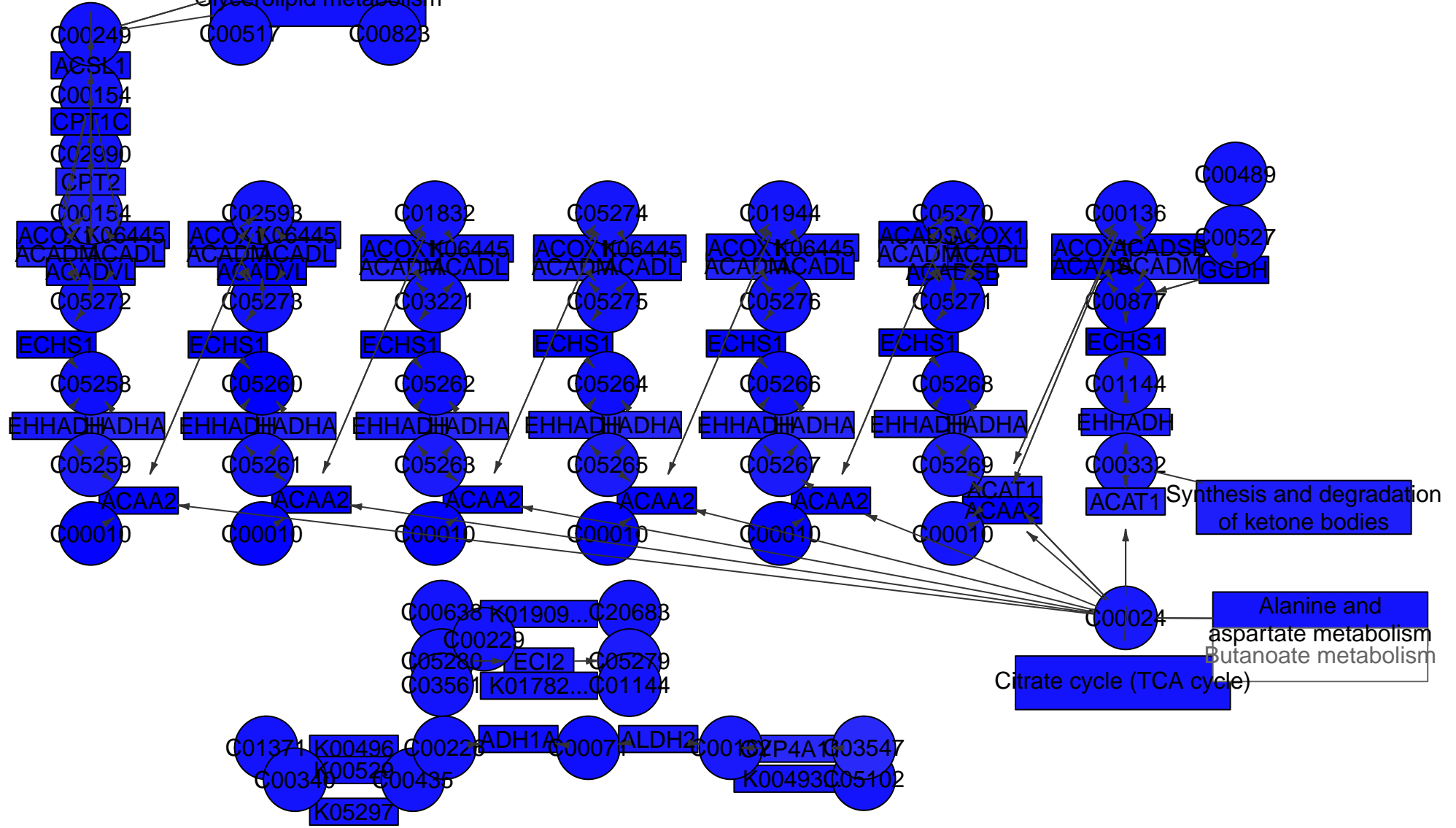
Citrate cycle (TCA cycle)

C00638 K01909... C20683
C00229
C05280 EC12 C05279
C03561 K01782... C01144

C01374 K00496 C00228 ADH1A C00074 ALDH2 C00162 P4A C03547
C00340 K00520 C00435 C00074 K00493 C05102
K05297

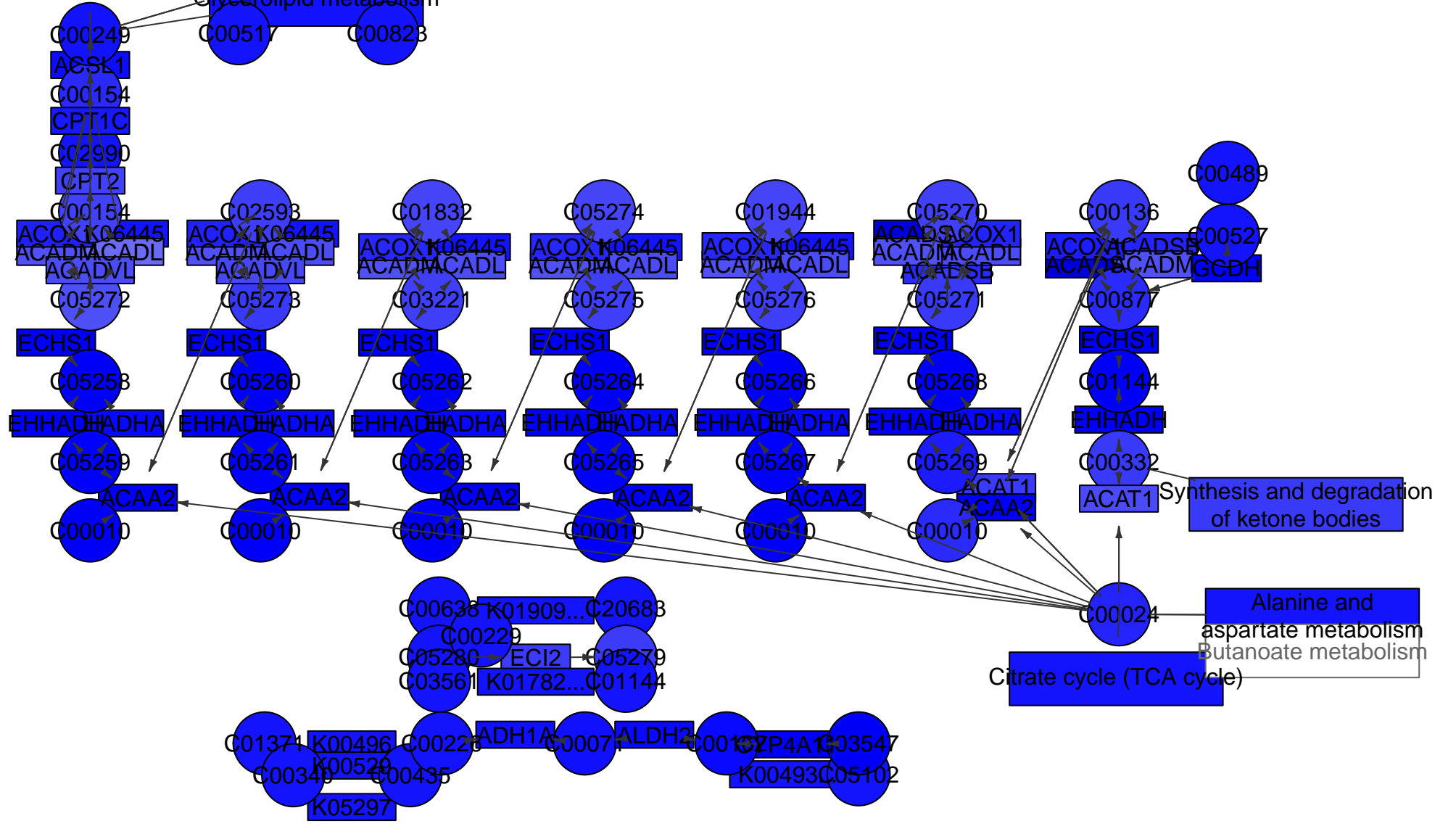
Fatty acid degradation
MPI-055

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



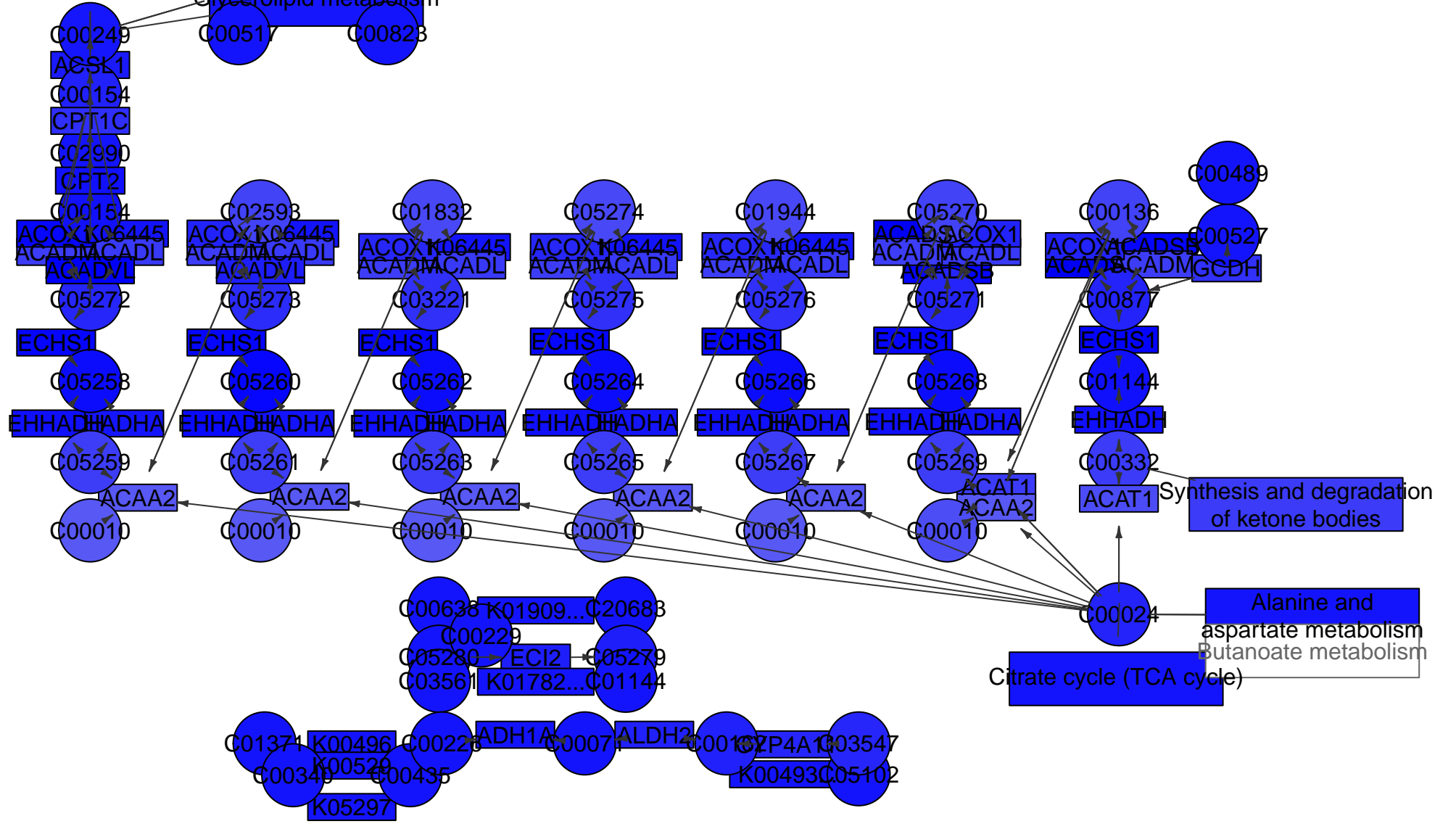
Fatty acid degradation
MPI-065

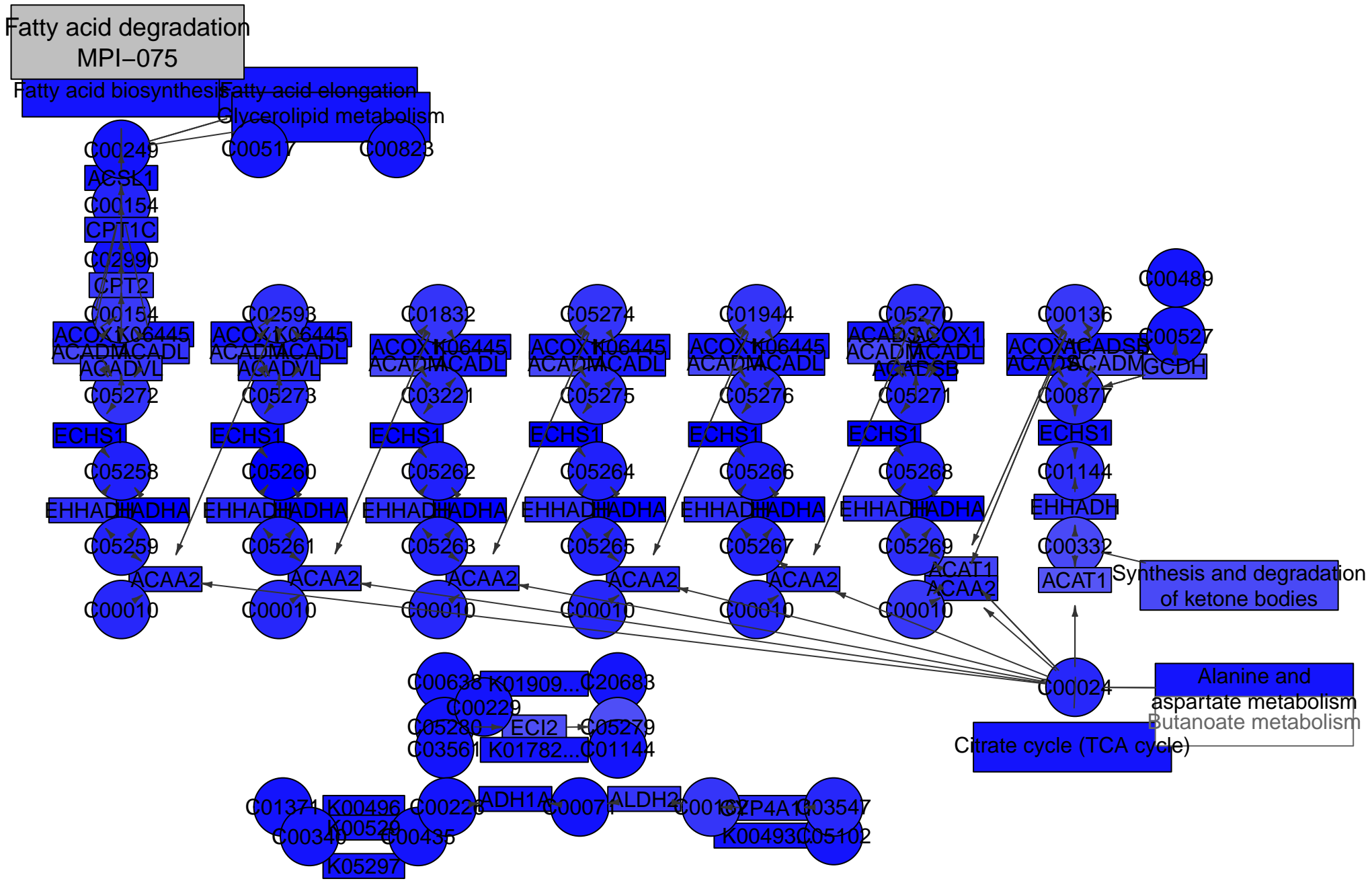
Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-071

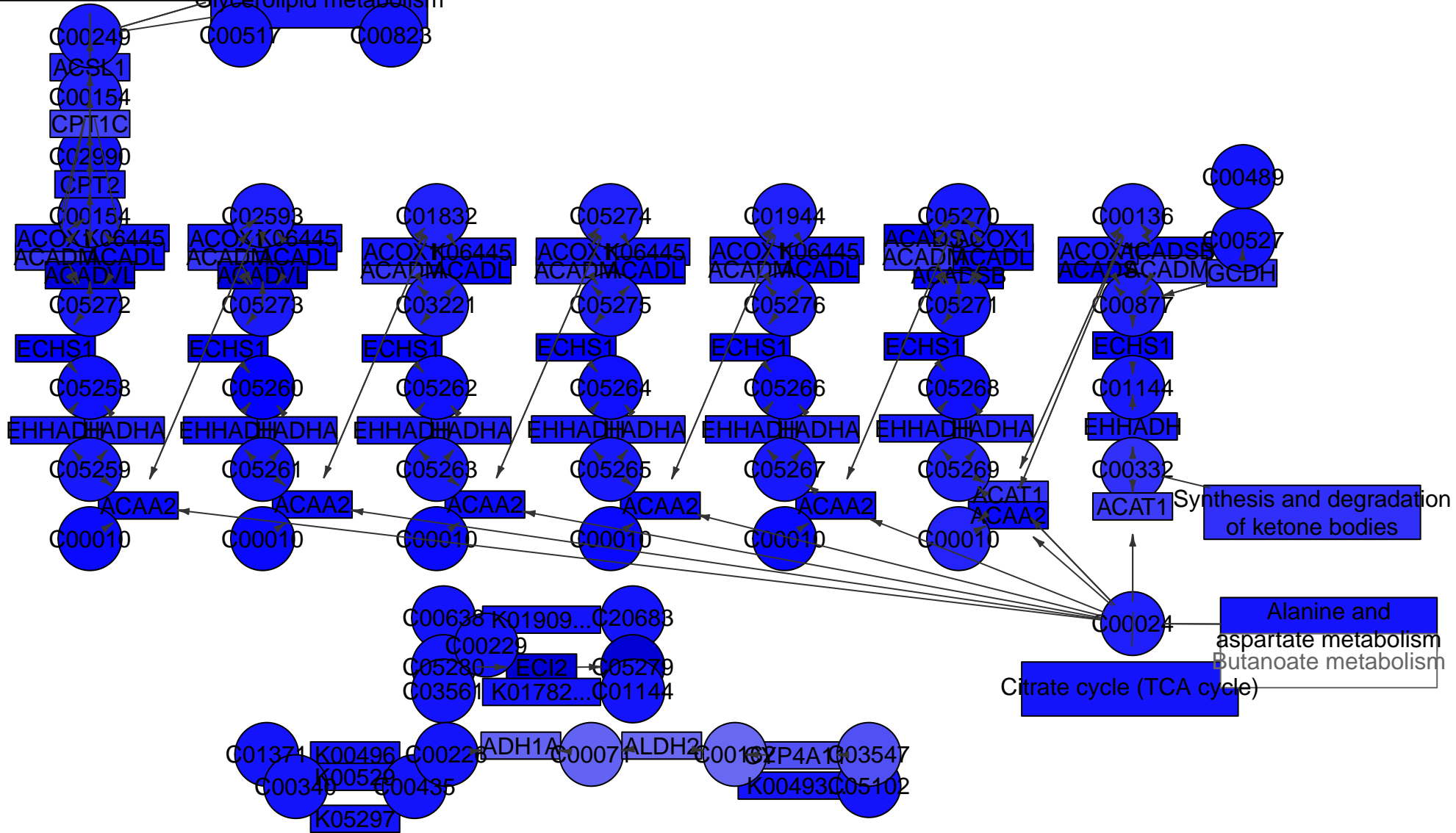
Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism





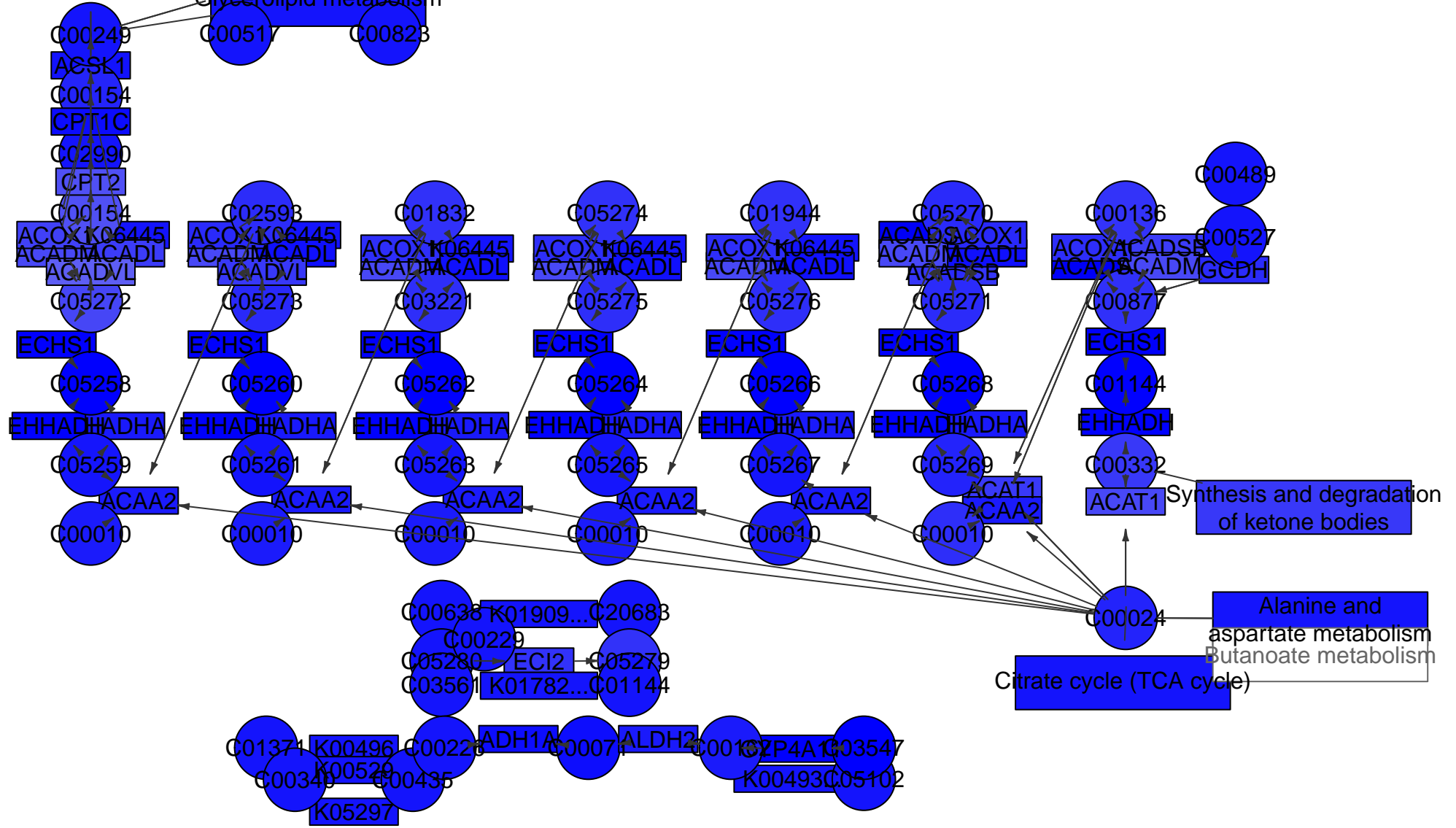
Fatty acid degradation
MPI-077

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



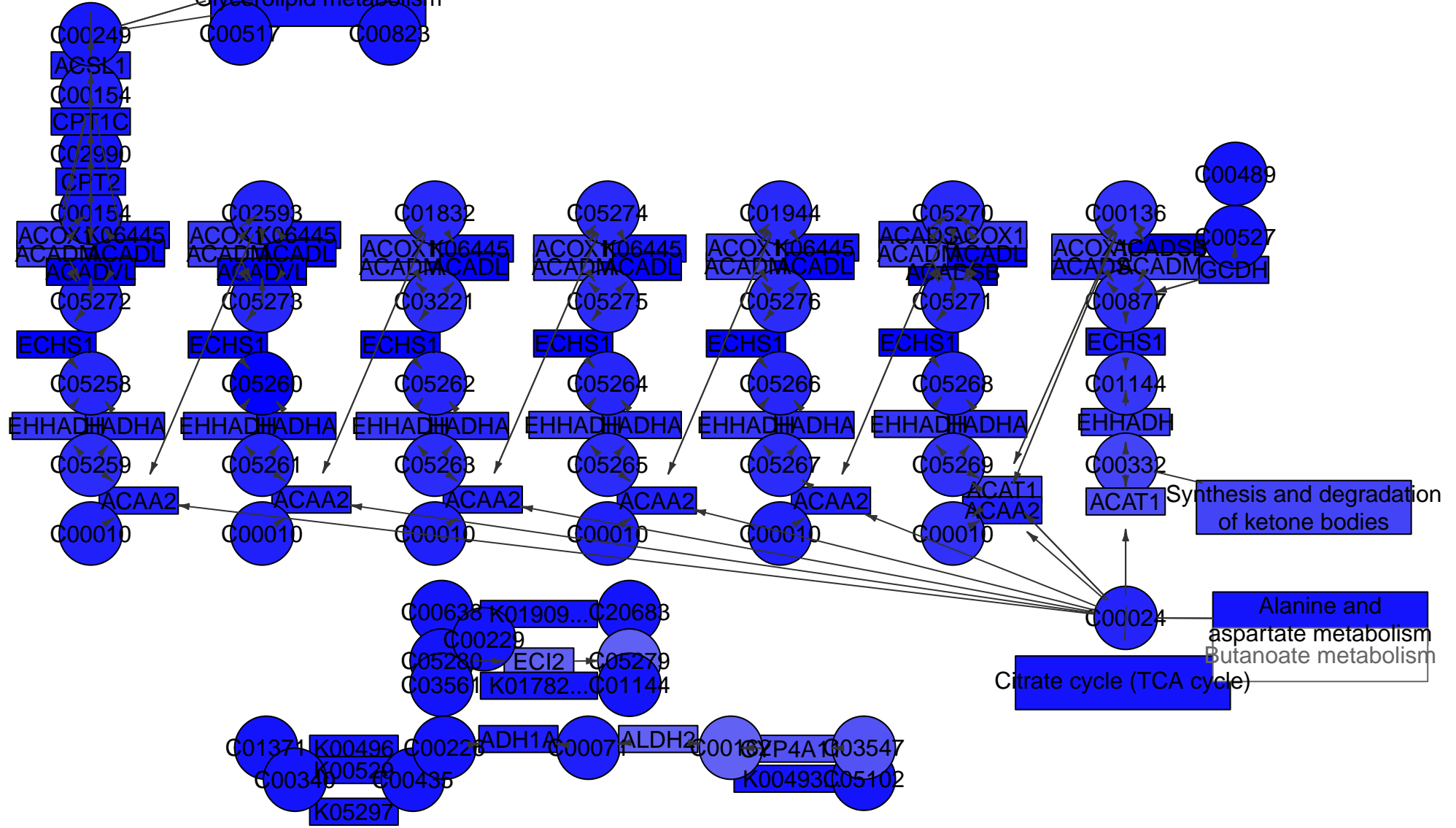
Fatty acid degradation
MPI-078

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



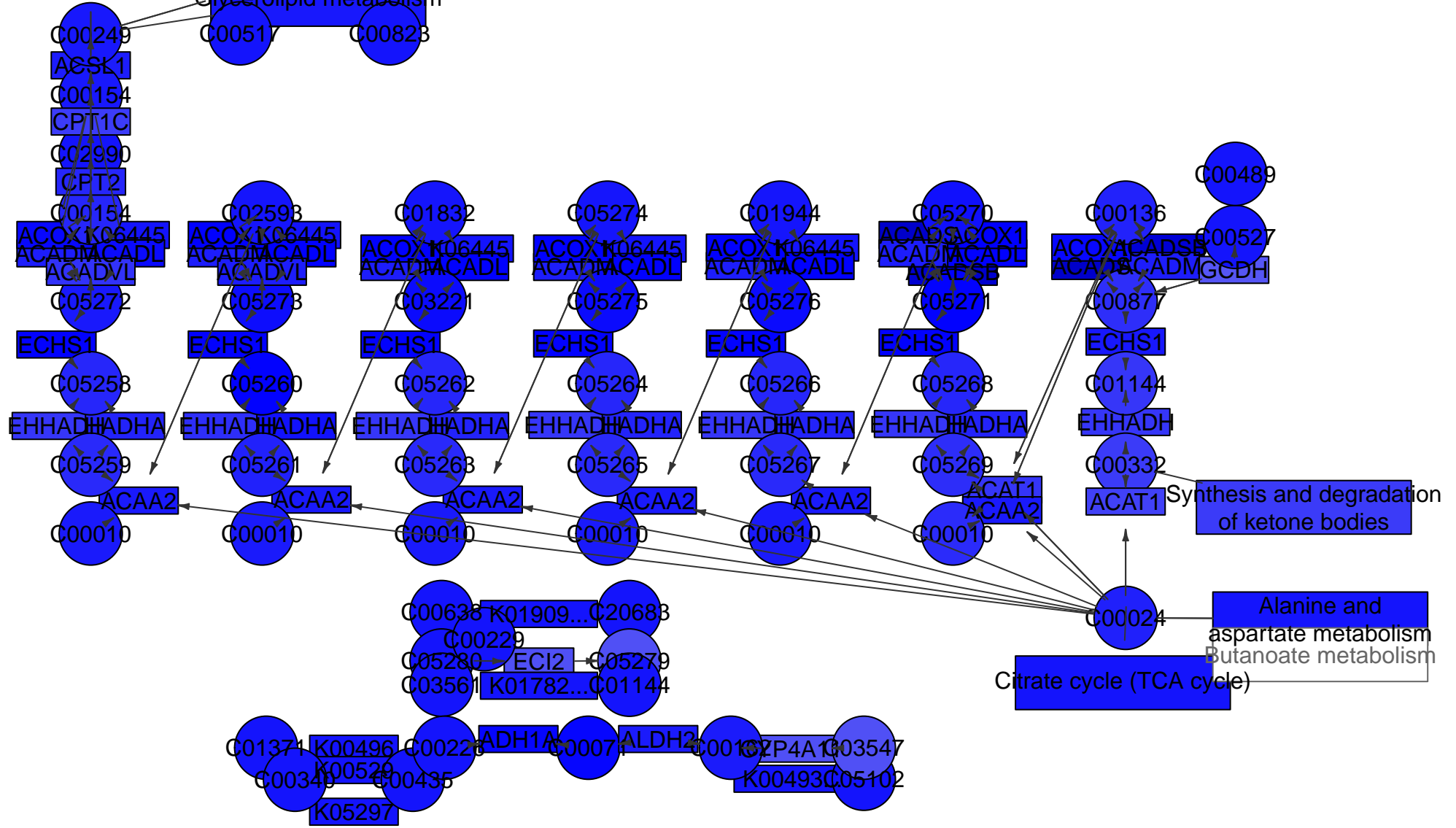
Fatty acid degradation
MPI-079

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



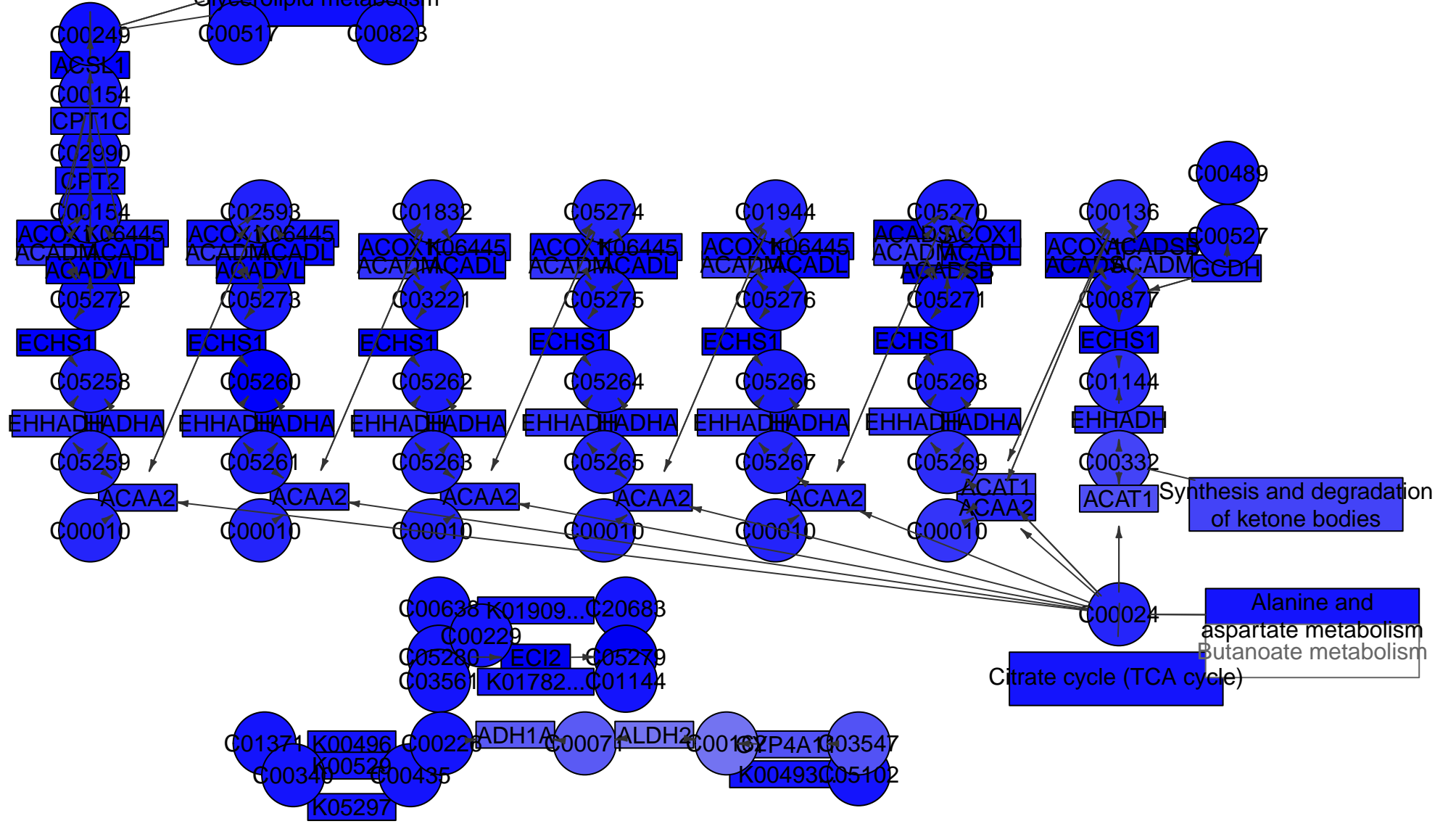
Fatty acid degradation
MPI-080

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-081

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

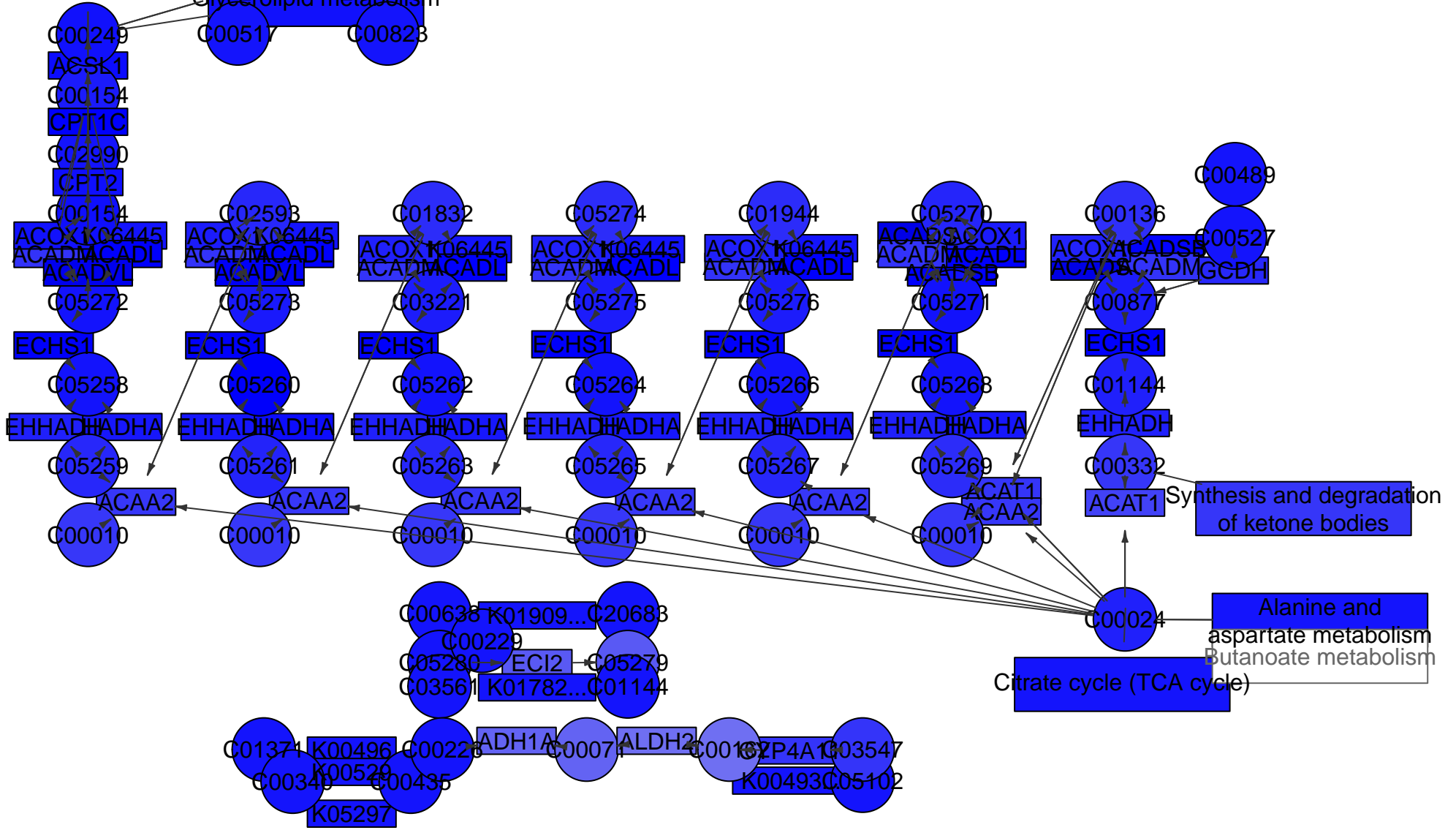


Fatty acid degradation
MPI-082

Fatty acid biosynthesis

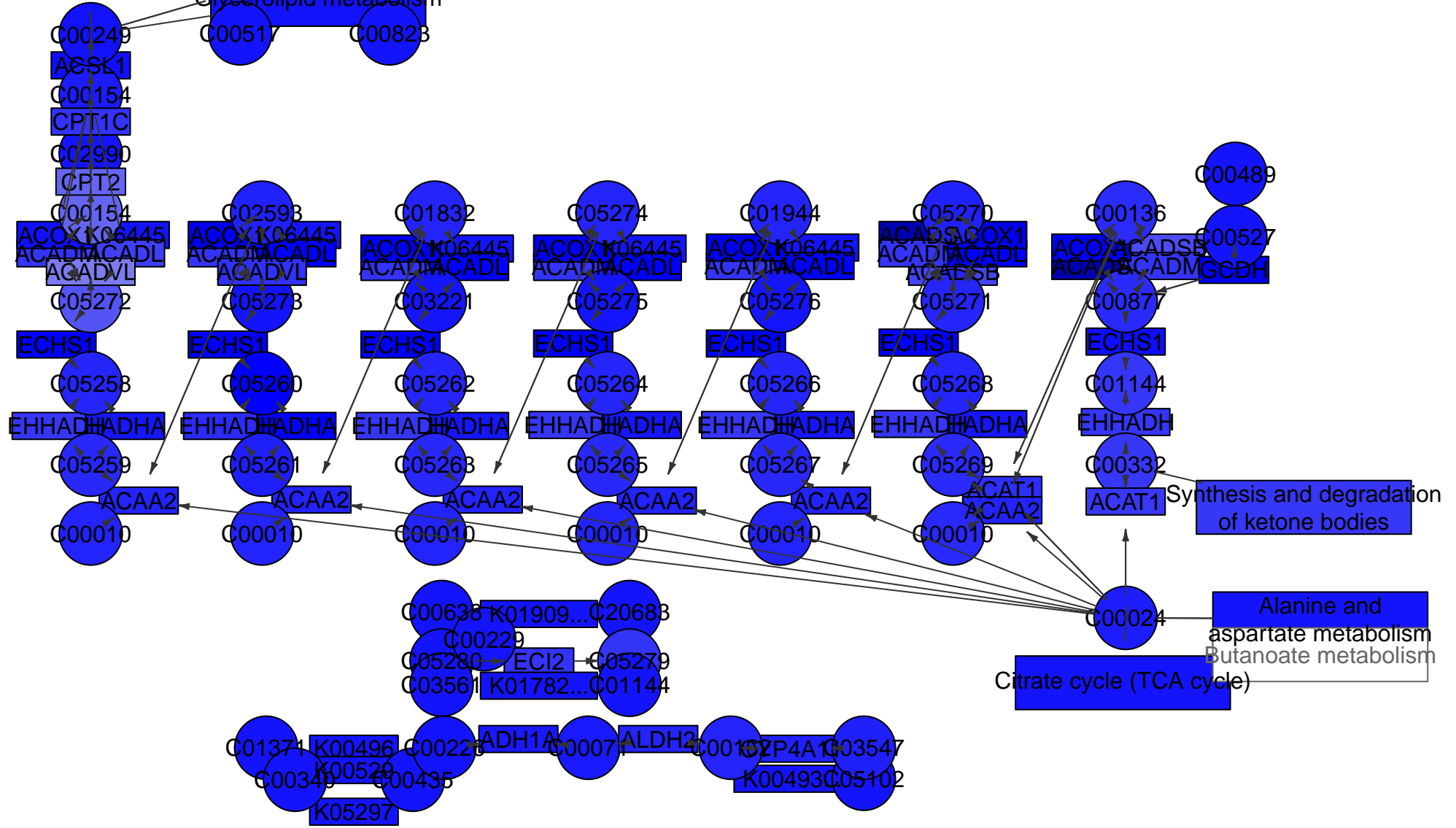
Fatty acid elongation

Glycerolipid metabolism



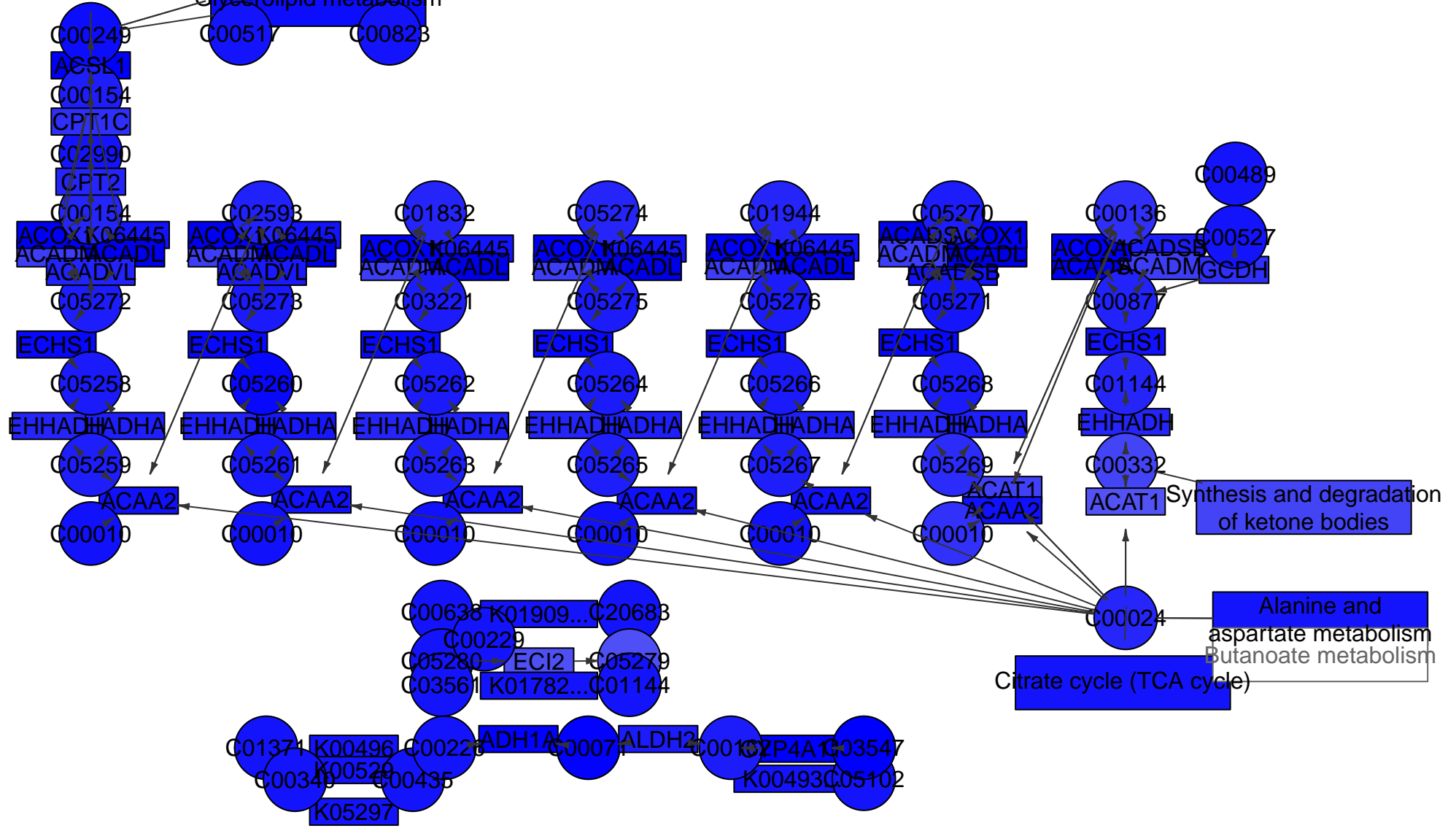
Fatty acid degradation
MPI-084

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



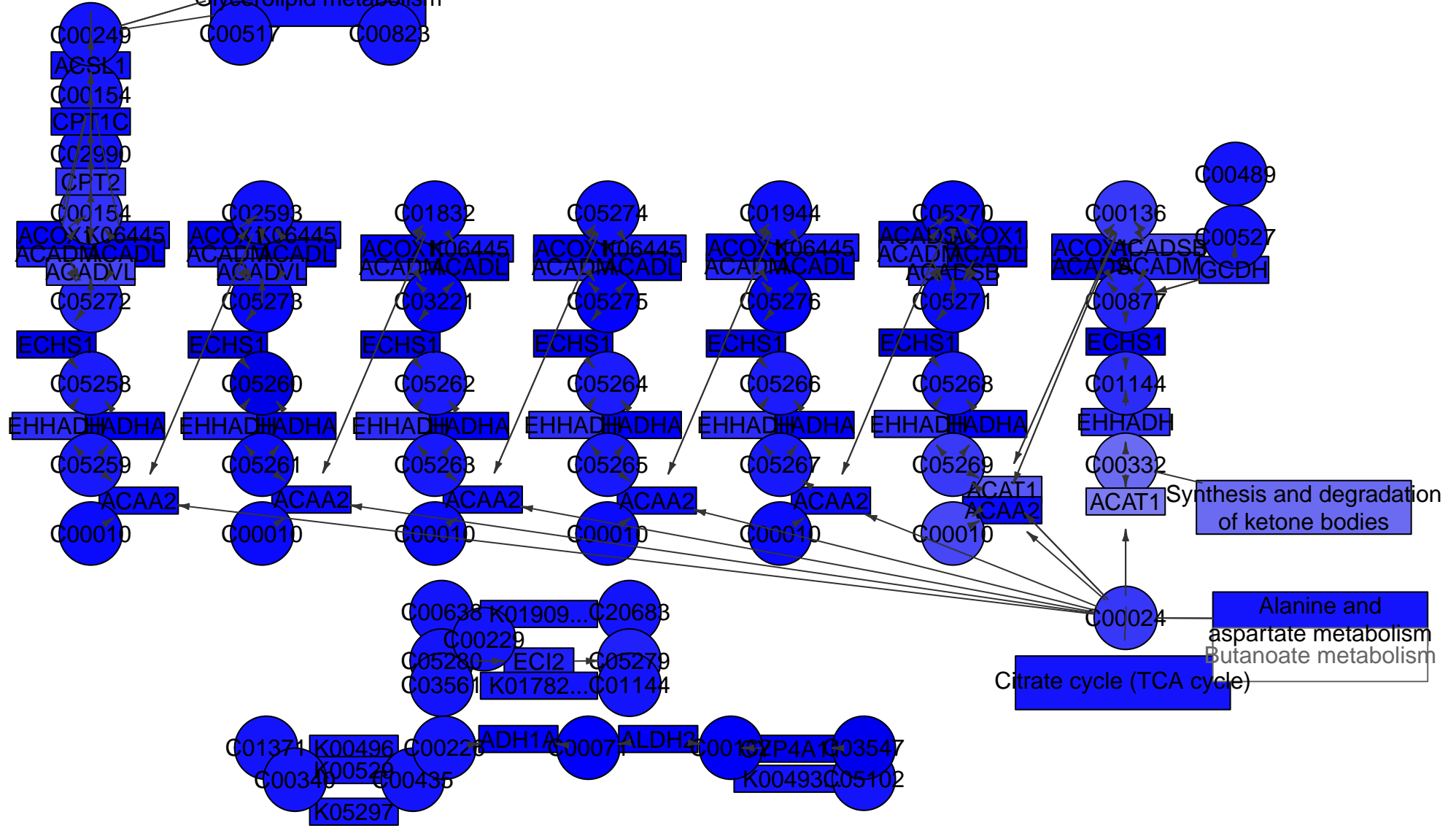
Fatty acid degradation
MPI-085

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



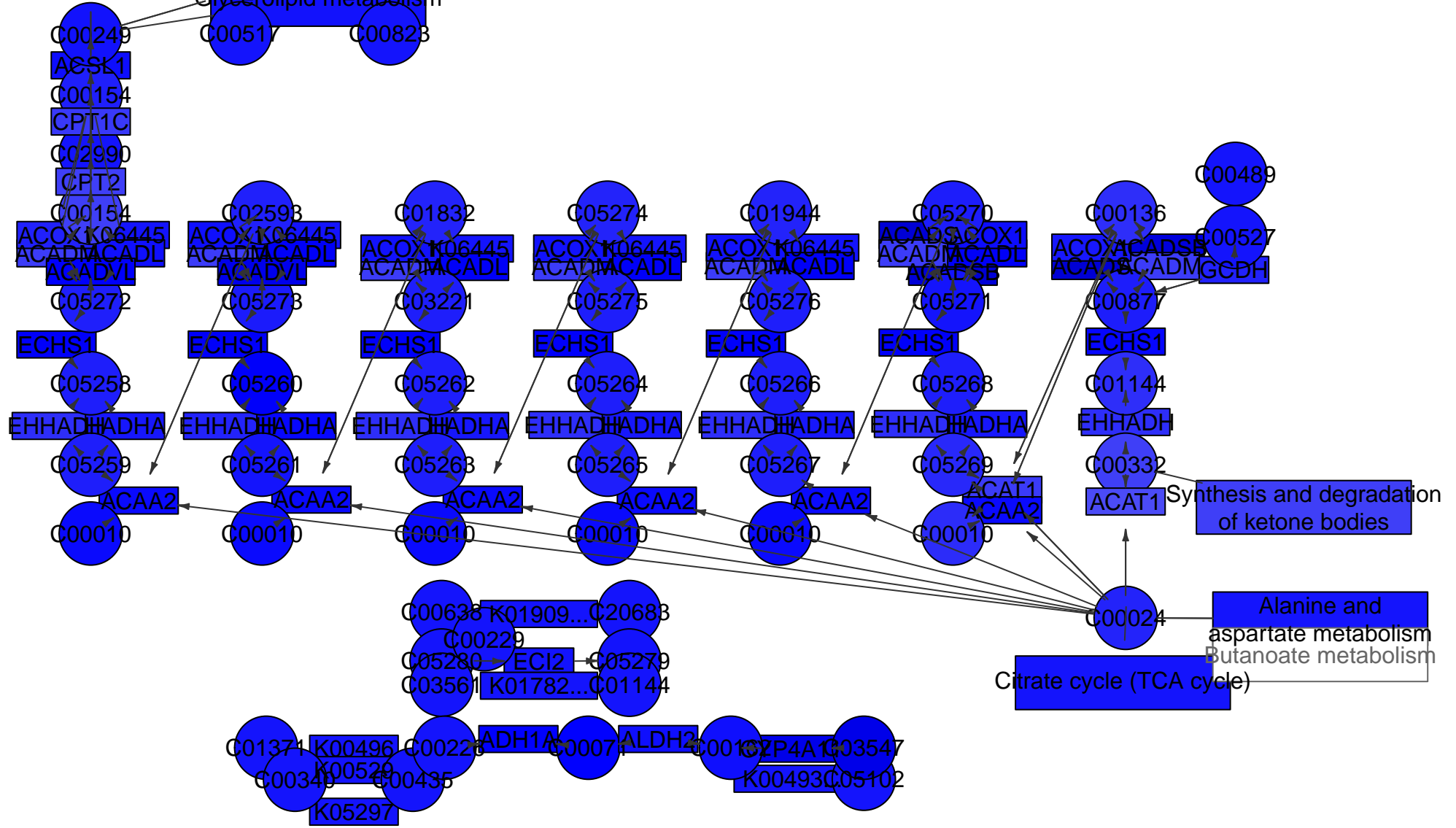
Fatty acid degradation
MPI-086

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



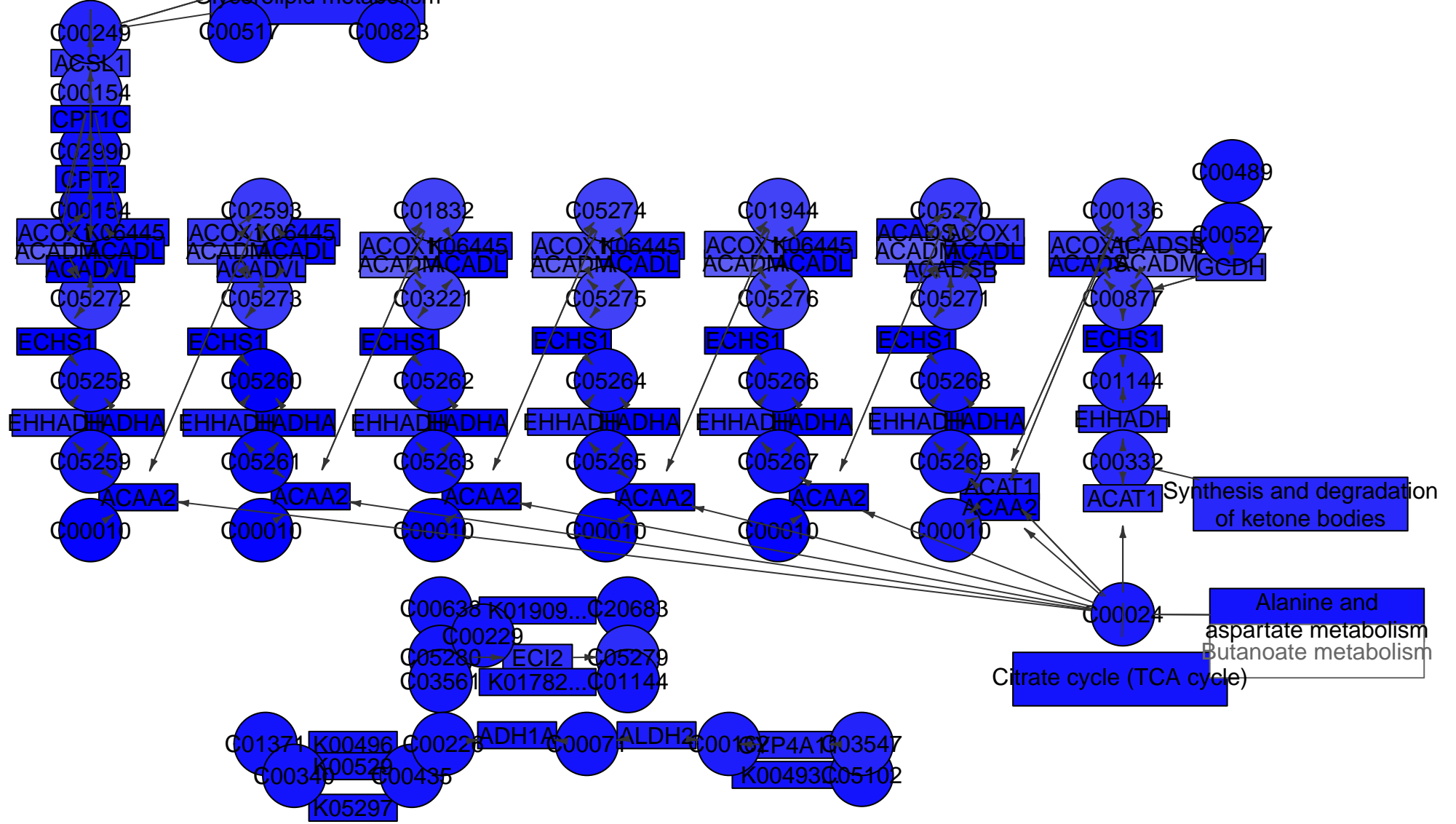
Fatty acid degradation
MPI-087

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



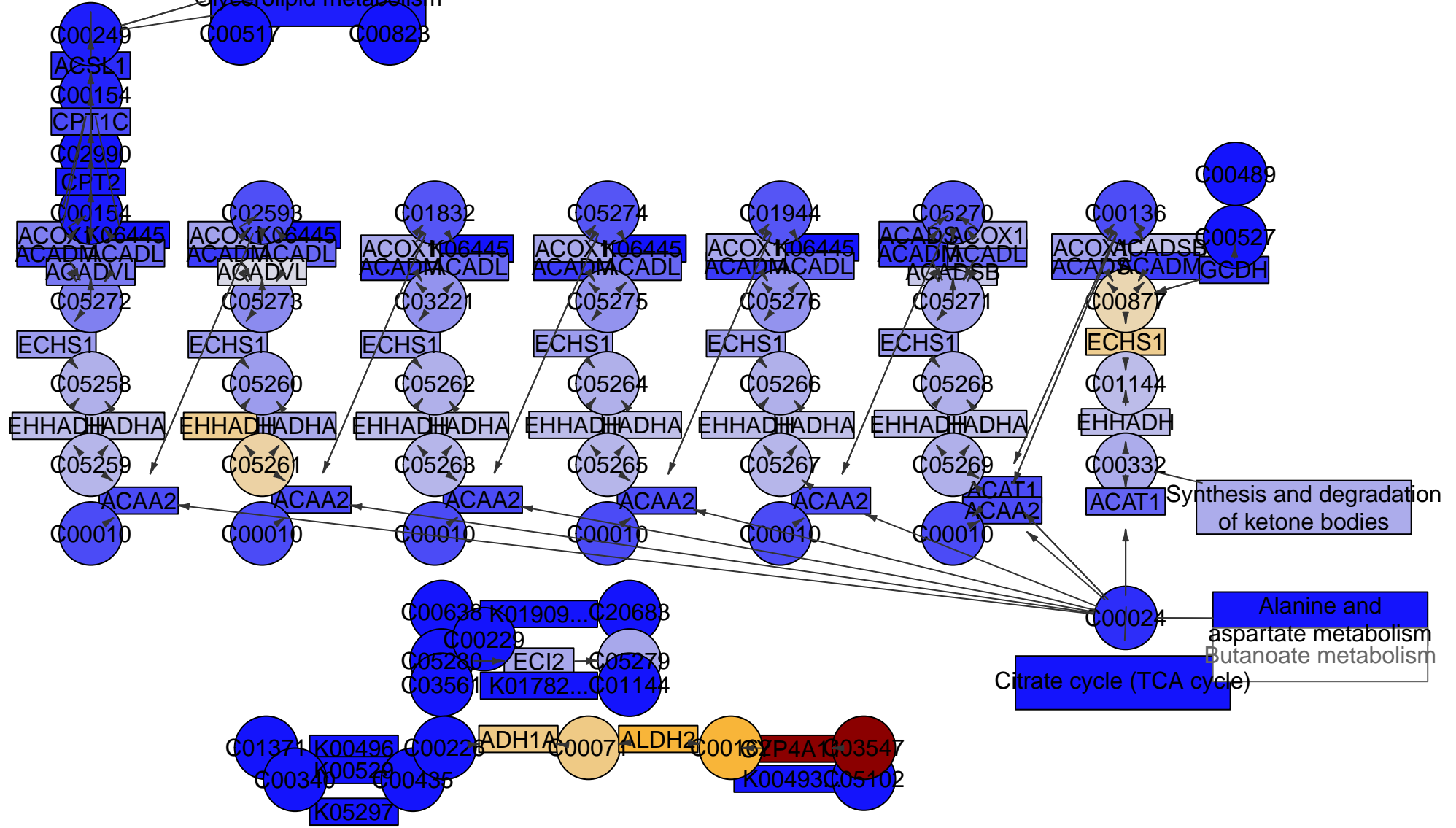
Fatty acid degradation
MPI-089

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



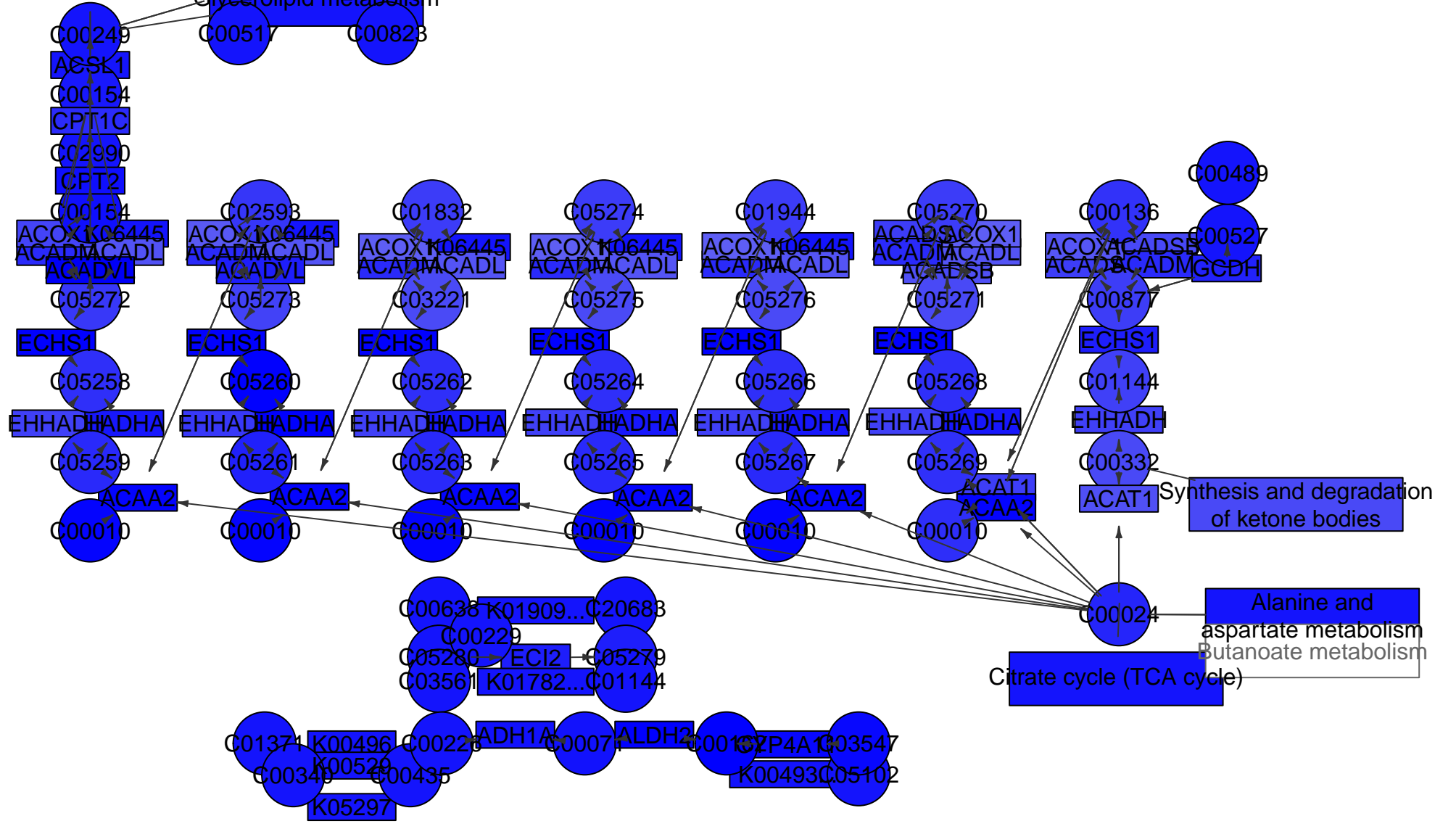
Fatty acid degradation
MPI-090

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



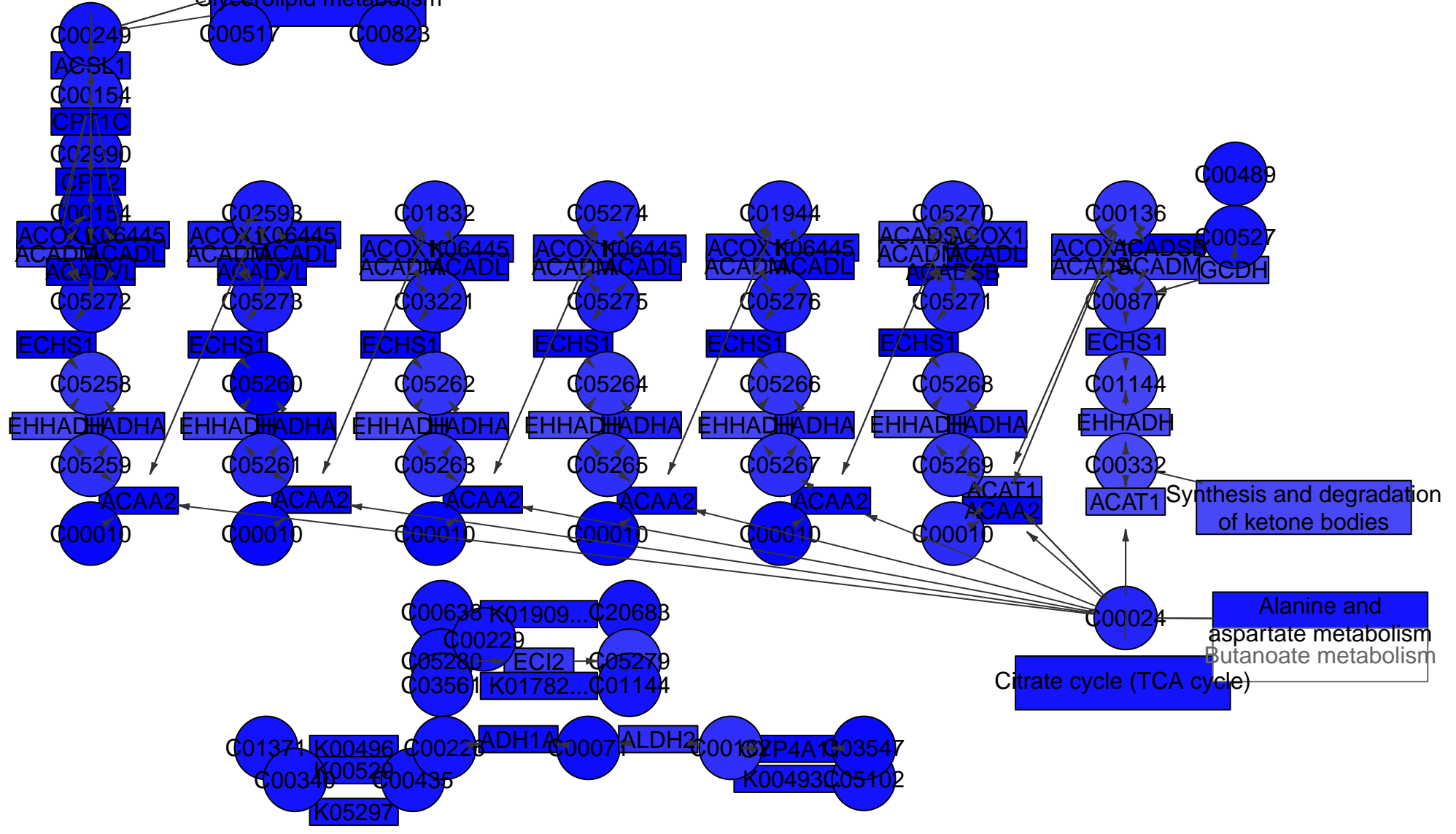
Fatty acid degradation
MPI-091

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-095

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

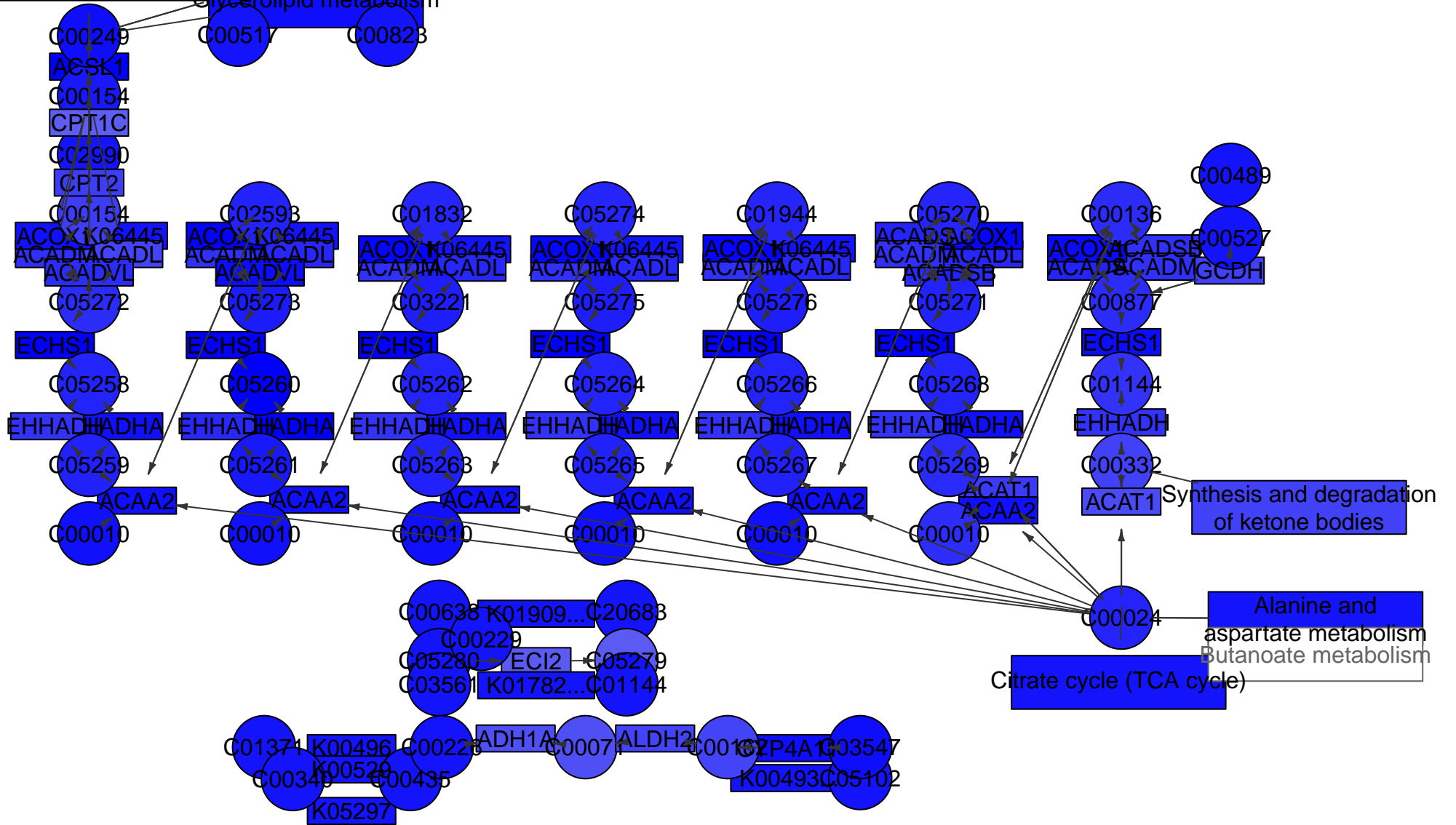


Fatty acid degradation
MPI-101

Fatty acid biosynthesis

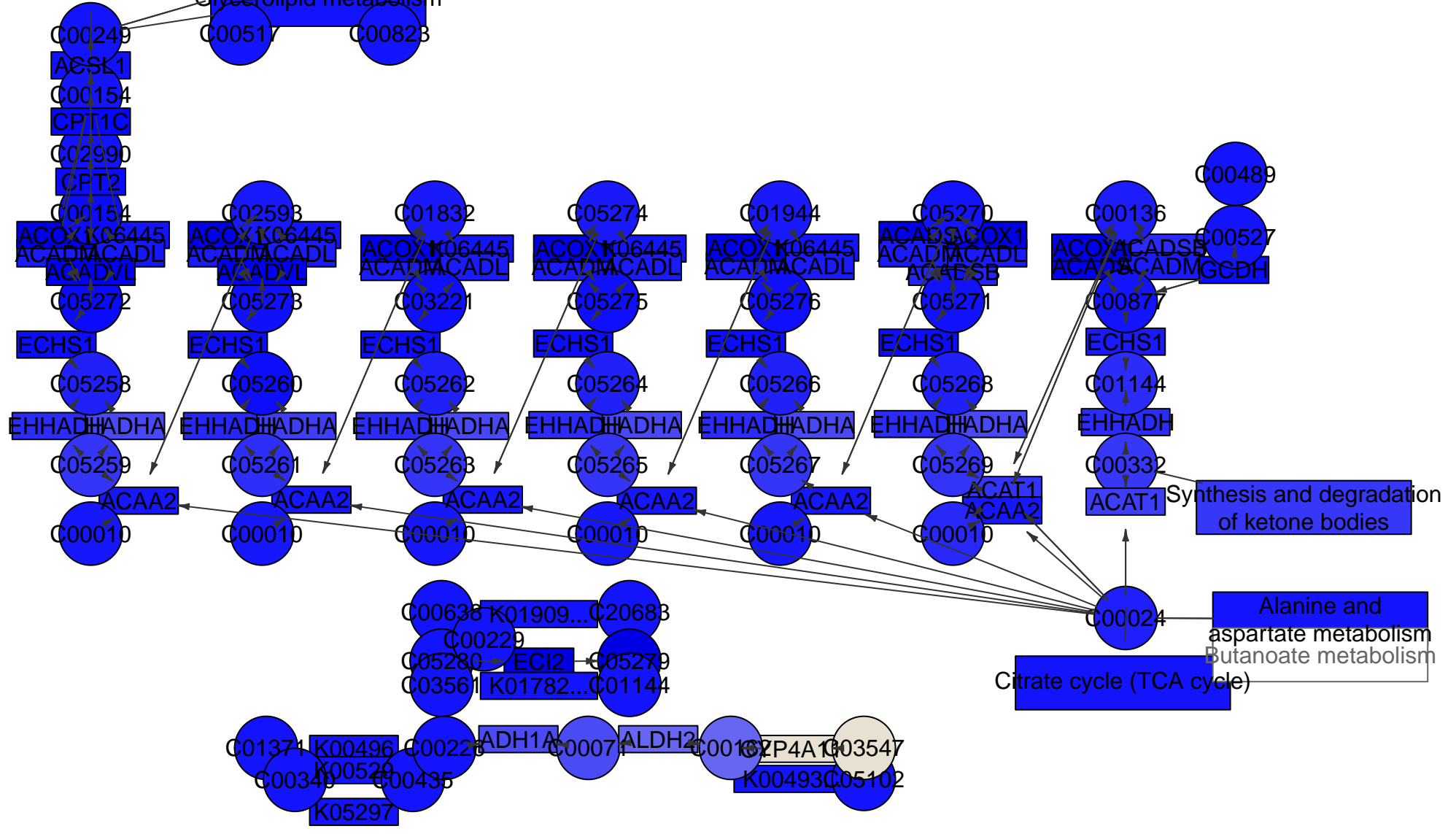
Fatty acid elongation

Glycerolipid metabolism



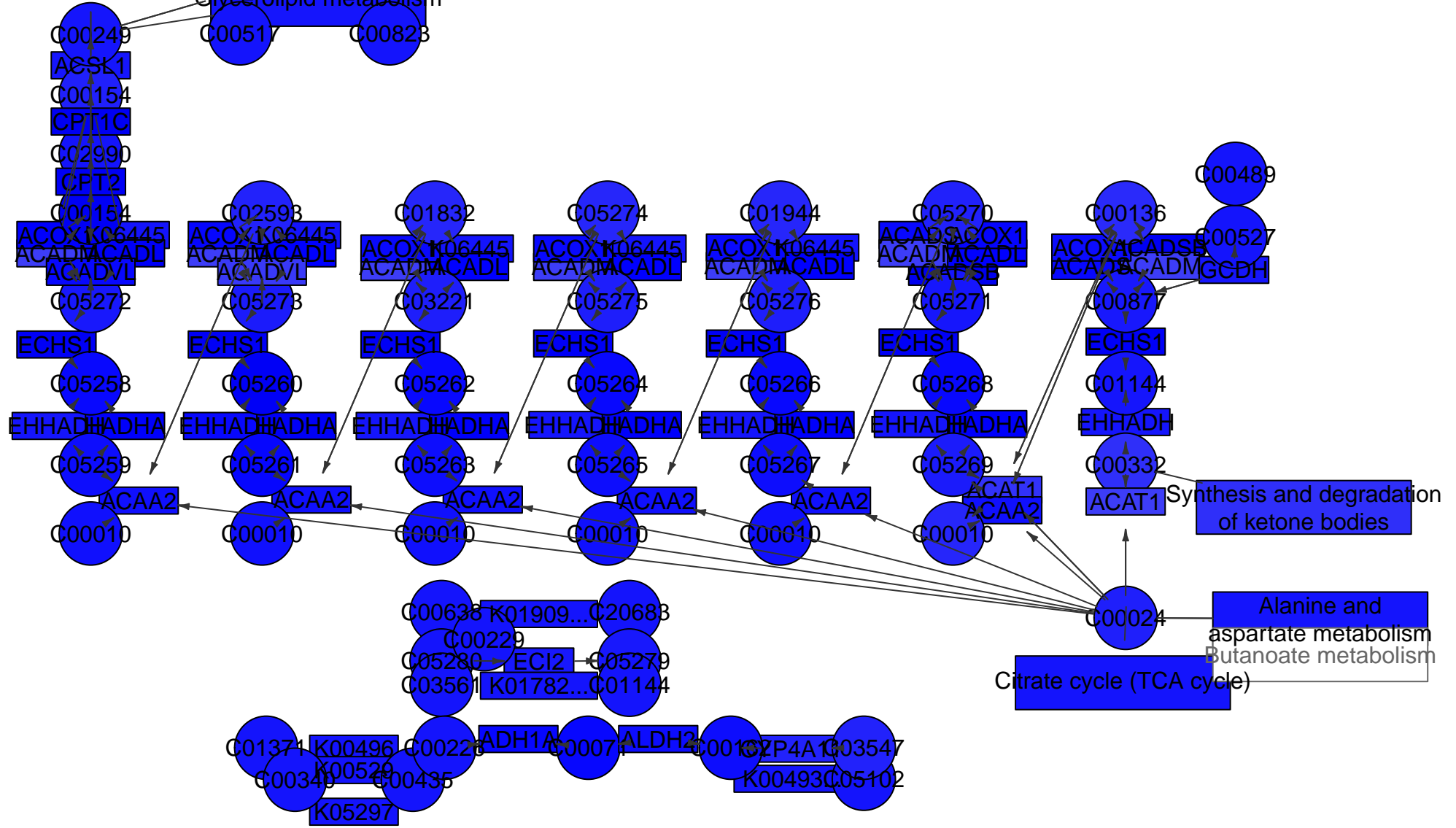
Fatty acid degradation
MPI-114

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



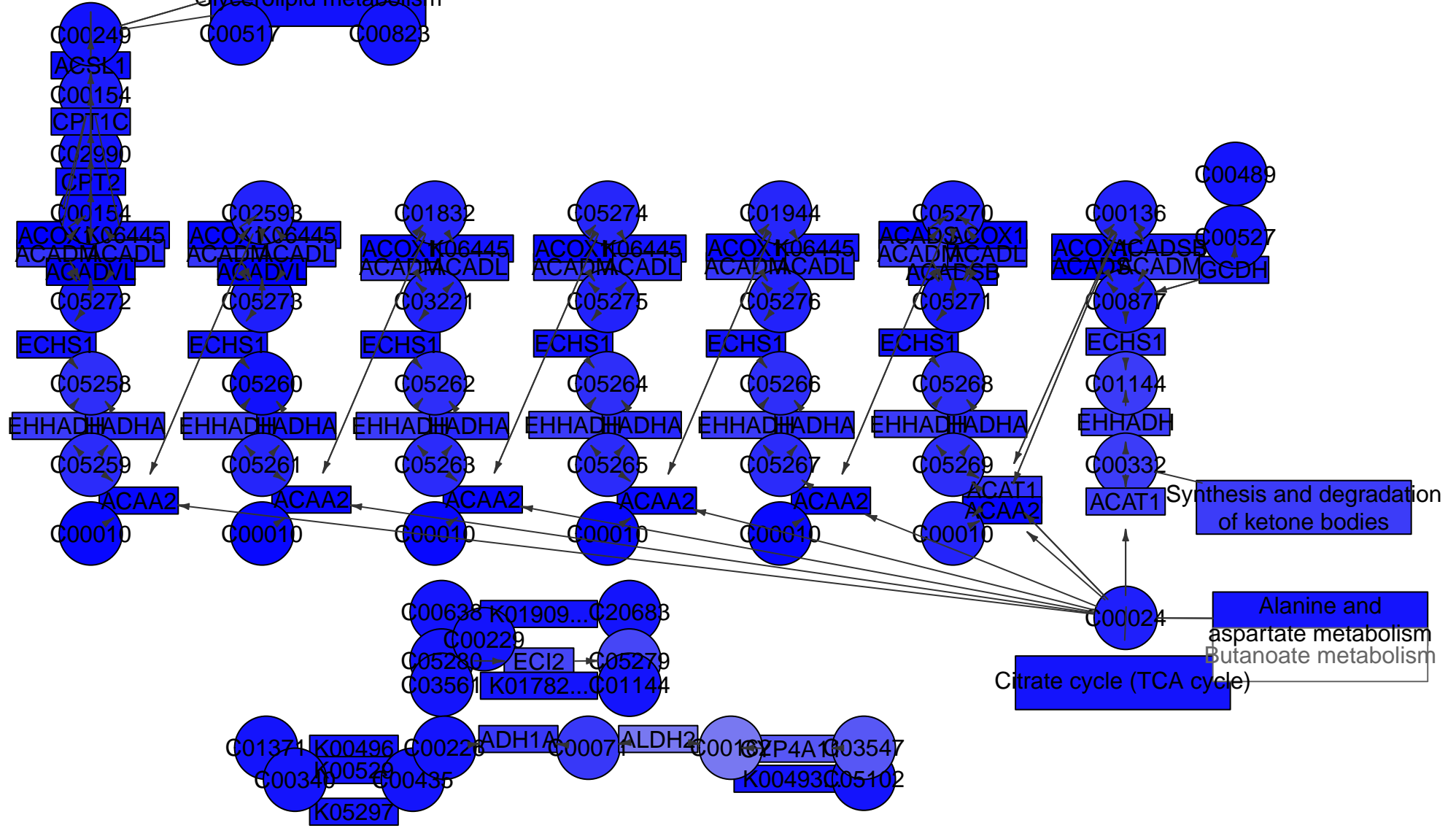
Fatty acid degradation
MPI-123

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



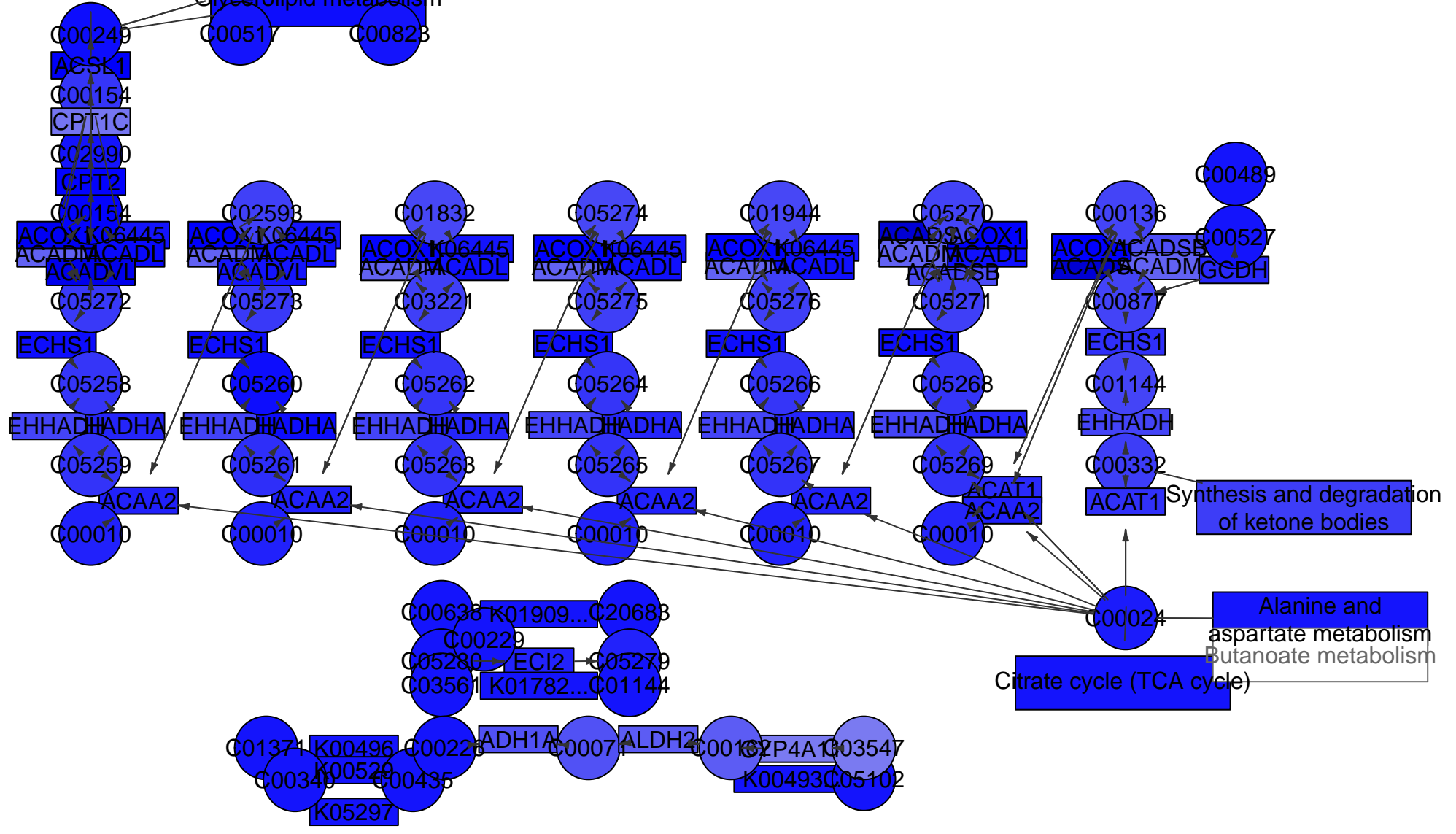
Fatty acid degradation
MPI-138

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



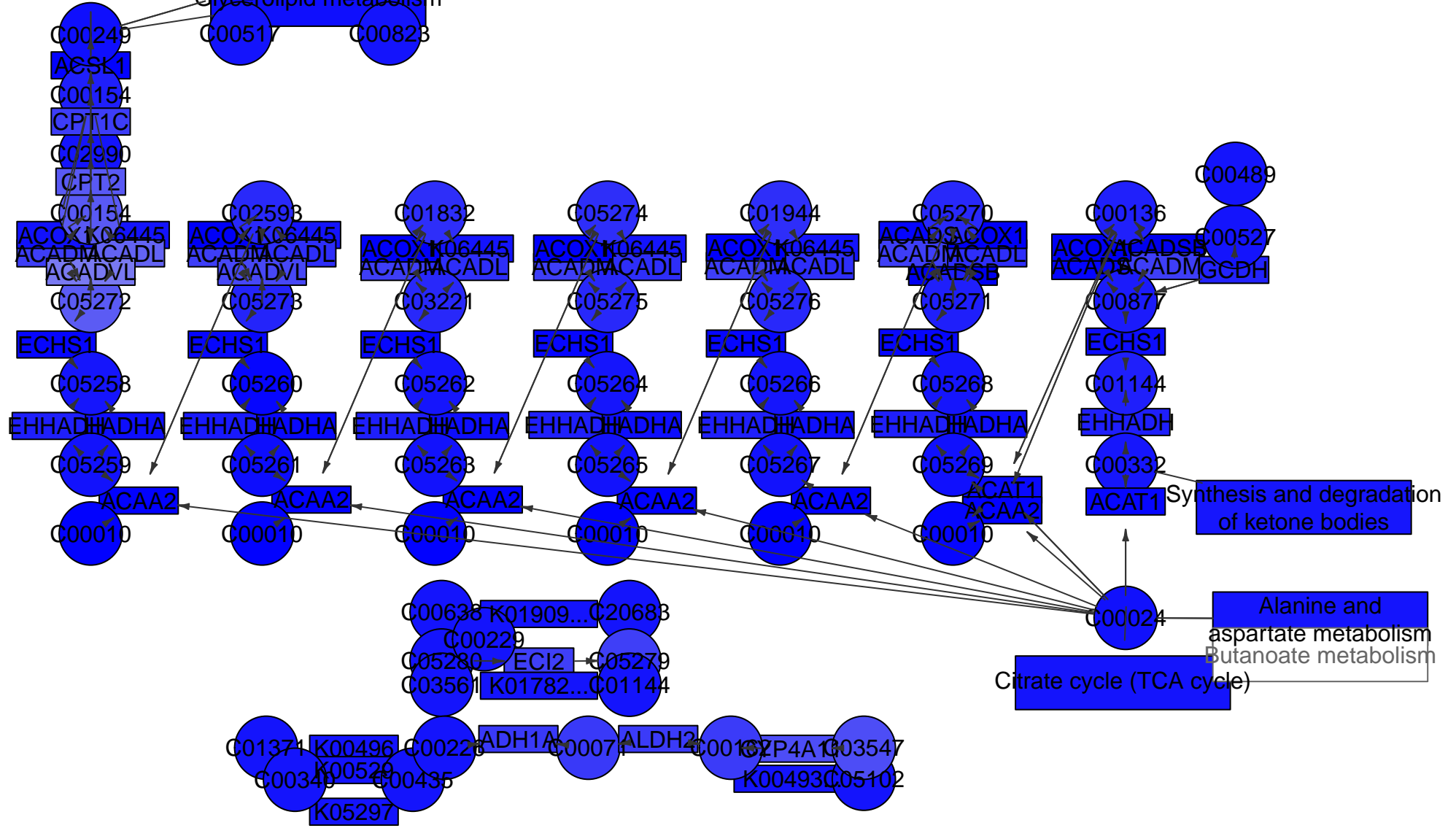
Fatty acid degradation
MPI-139

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



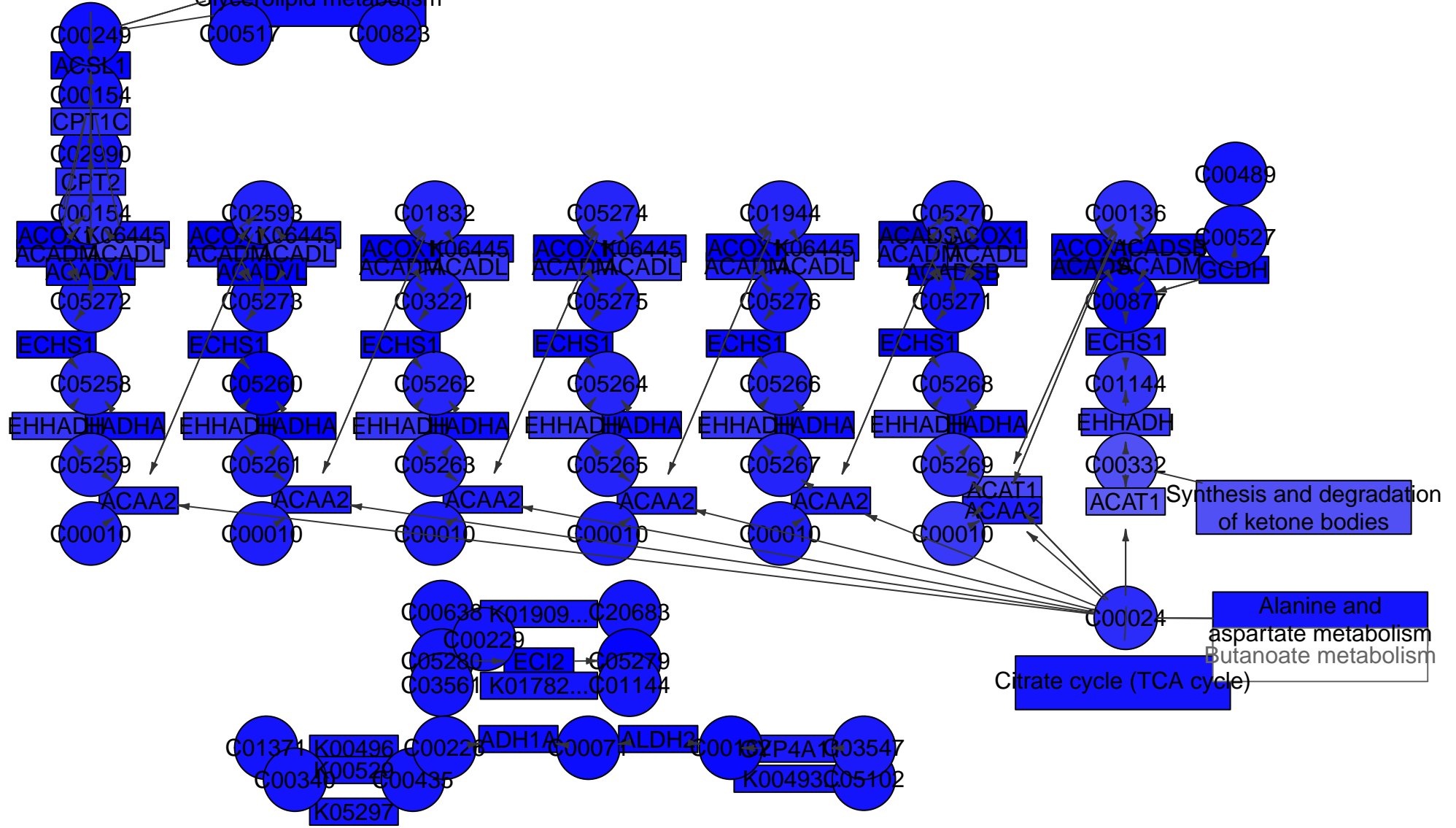
Fatty acid degradation
MPI-140

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



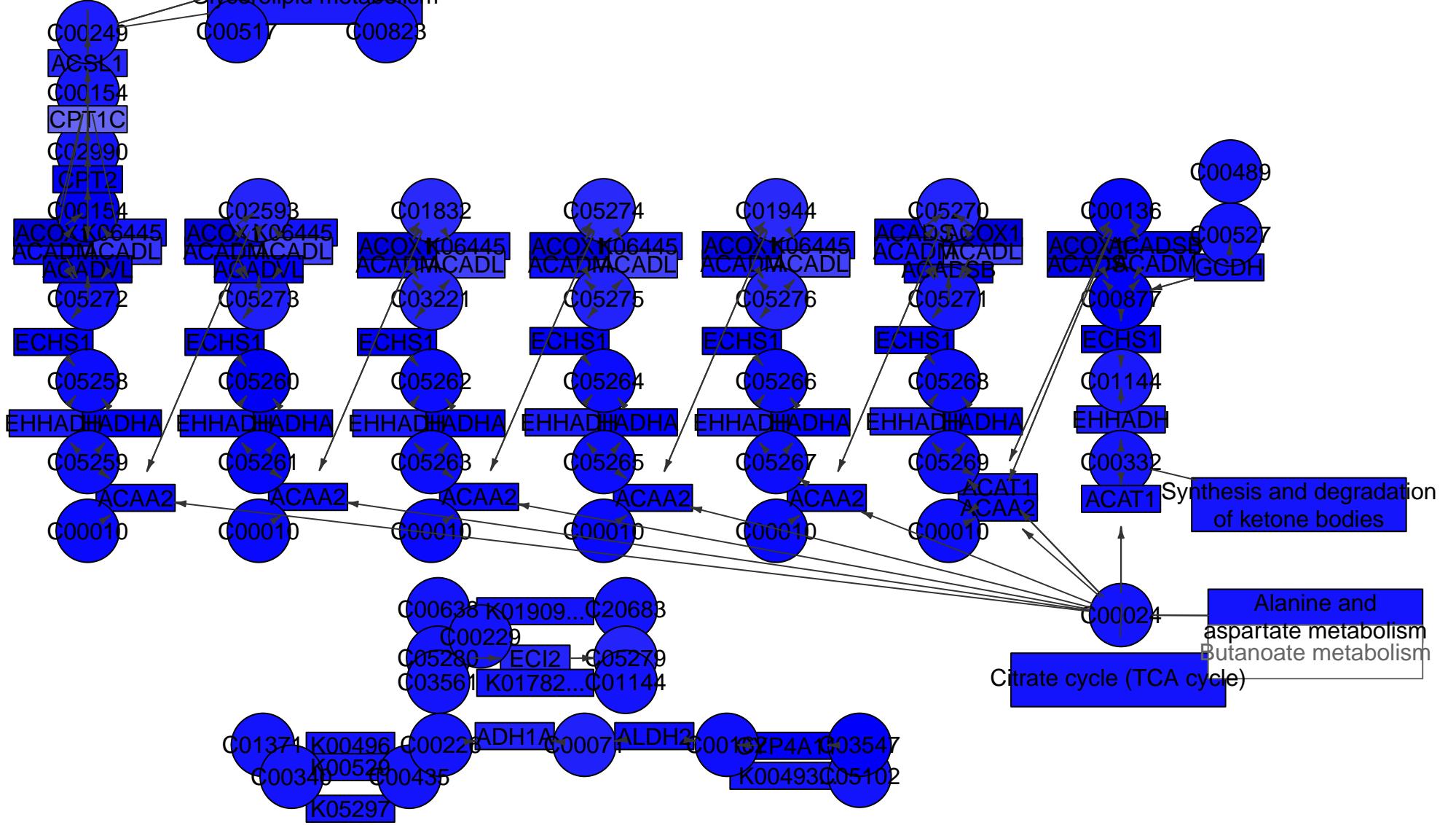
Fatty acid degradation
MPI-144

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



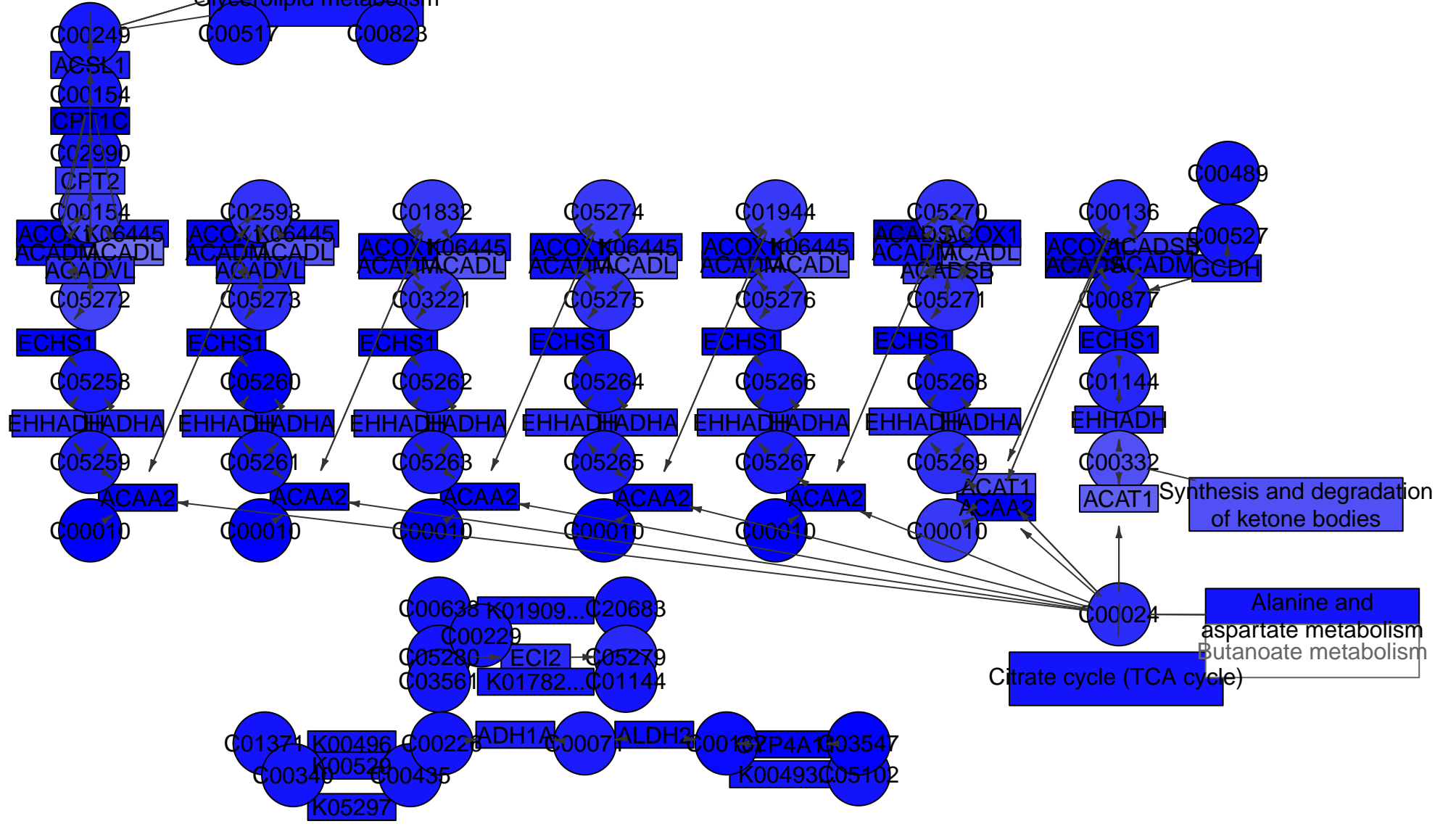
Fatty acid degradation
MPI-147

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



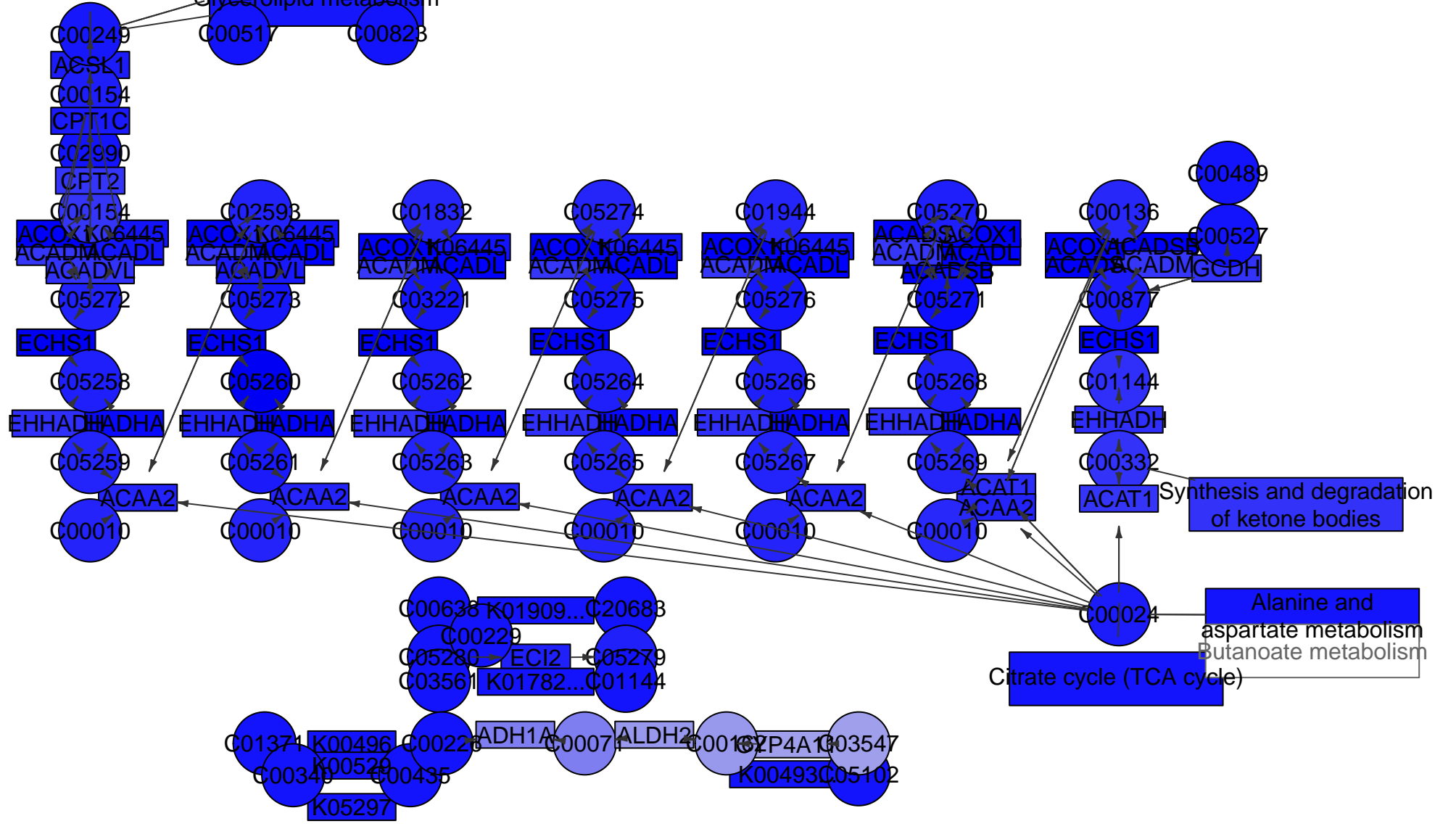
Fatty acid degradation
MPI-171

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



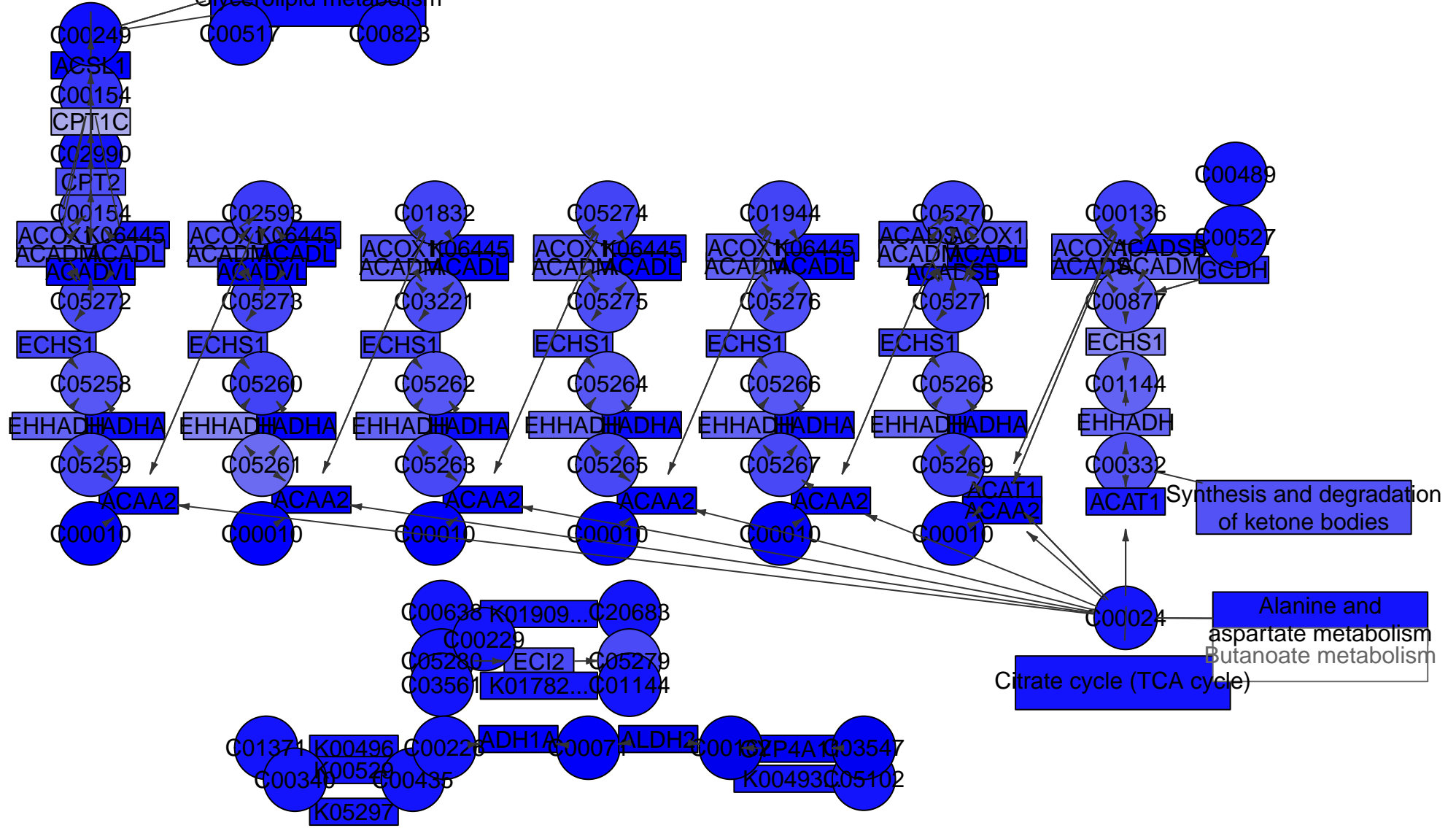
Fatty acid degradation
MPI-172

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



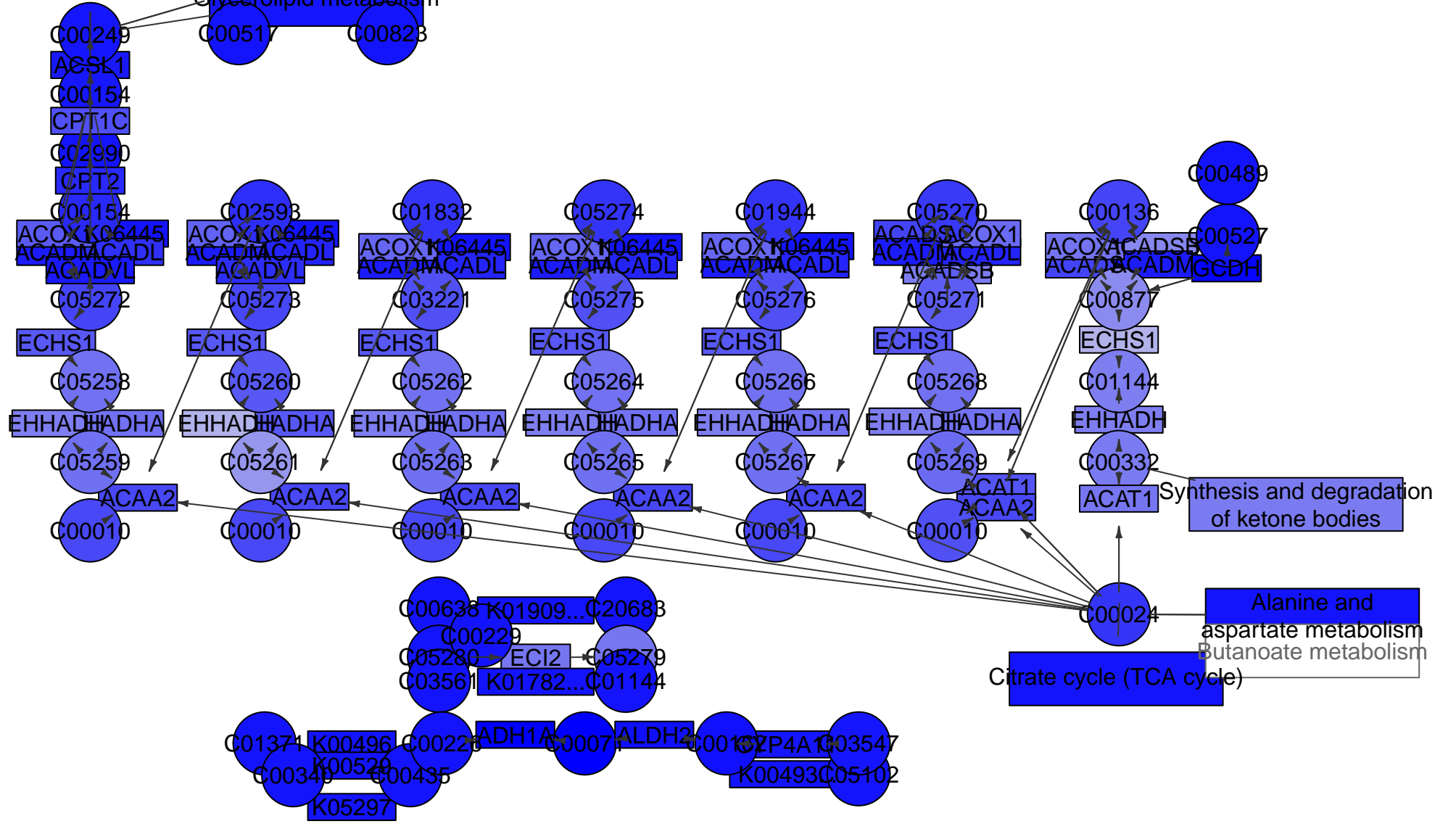
Fatty acid degradation
MPI-007

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



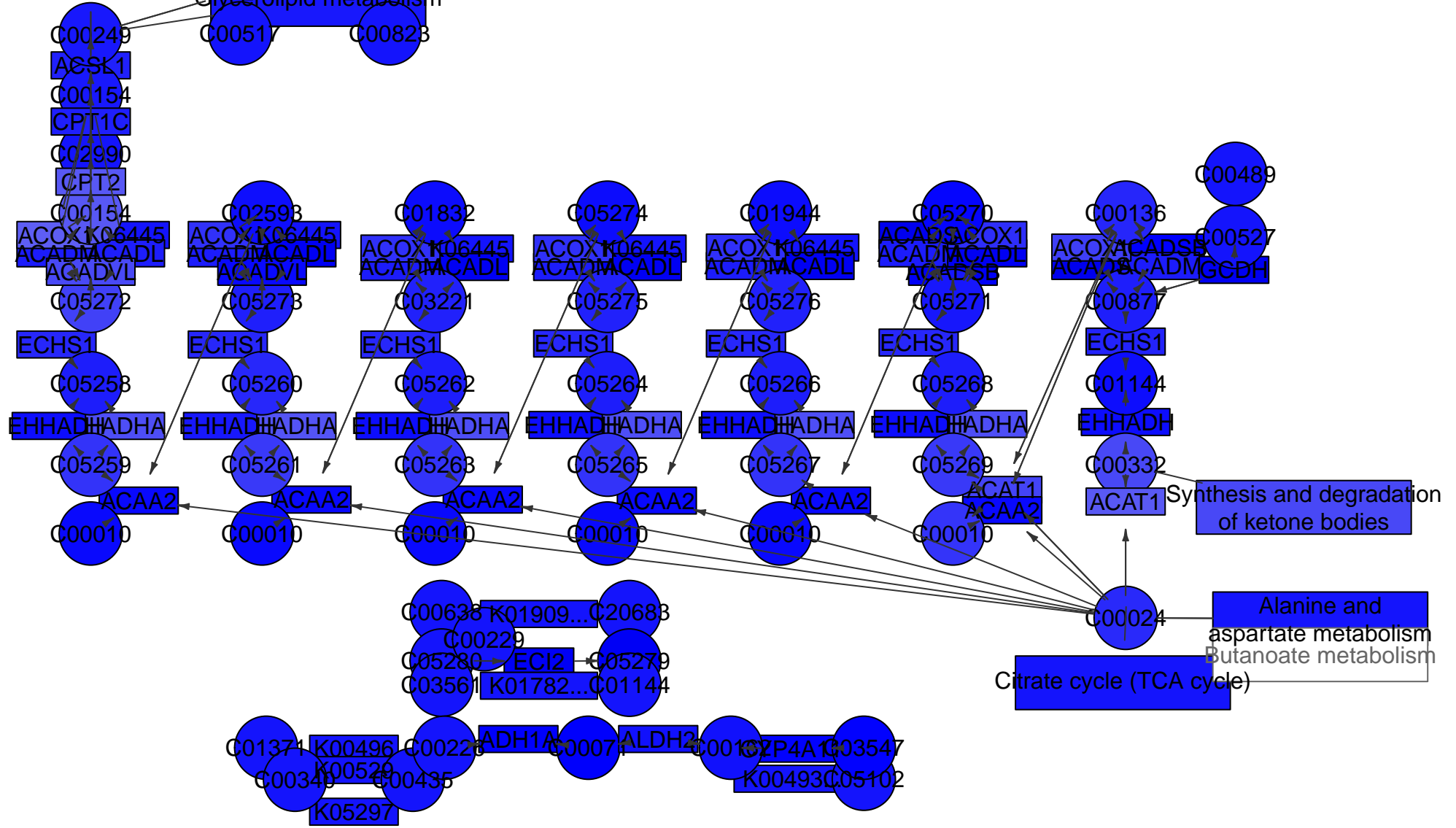
Fatty acid degradation
MPI-011

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



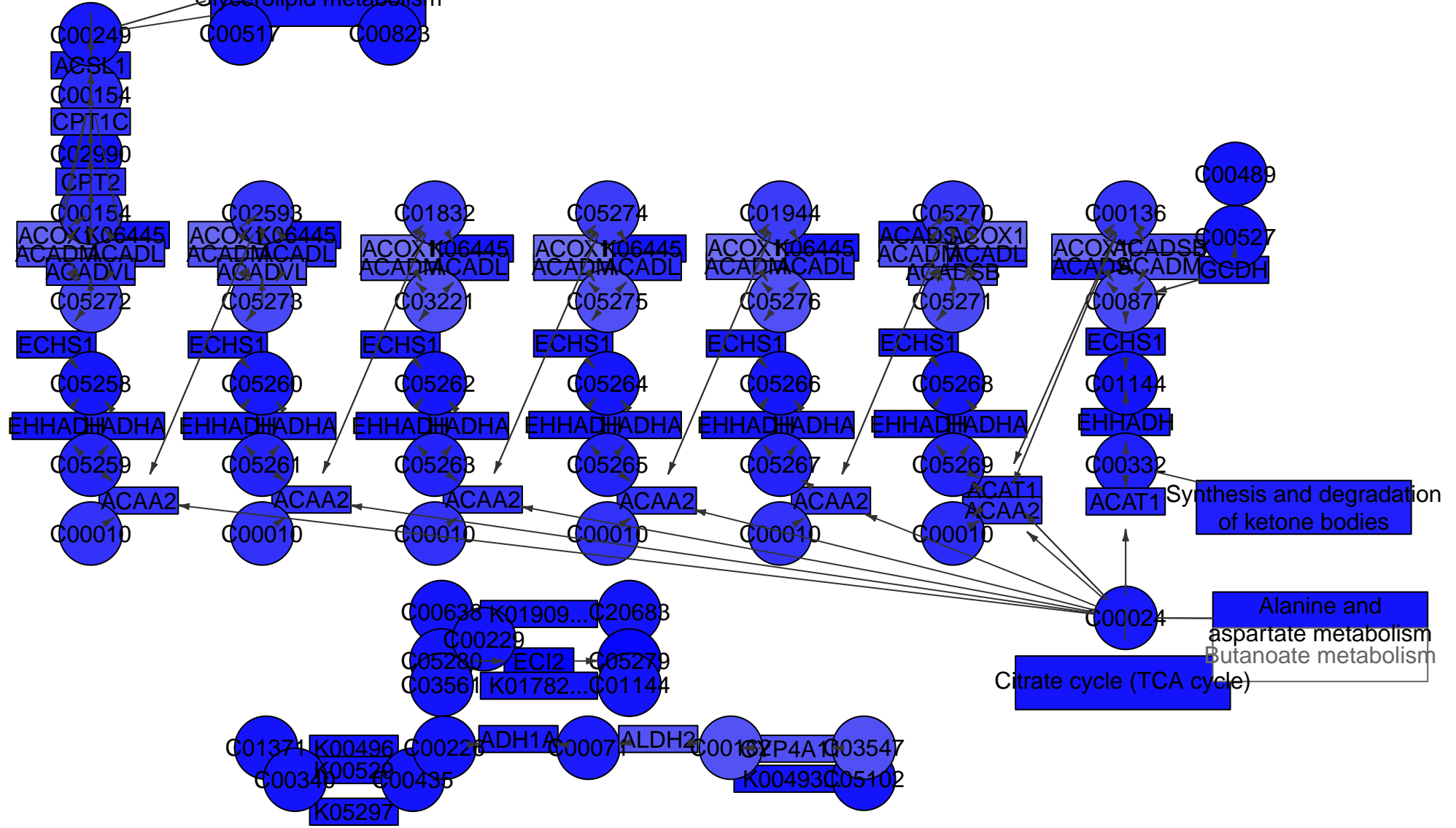
Fatty acid degradation
MPI-024

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



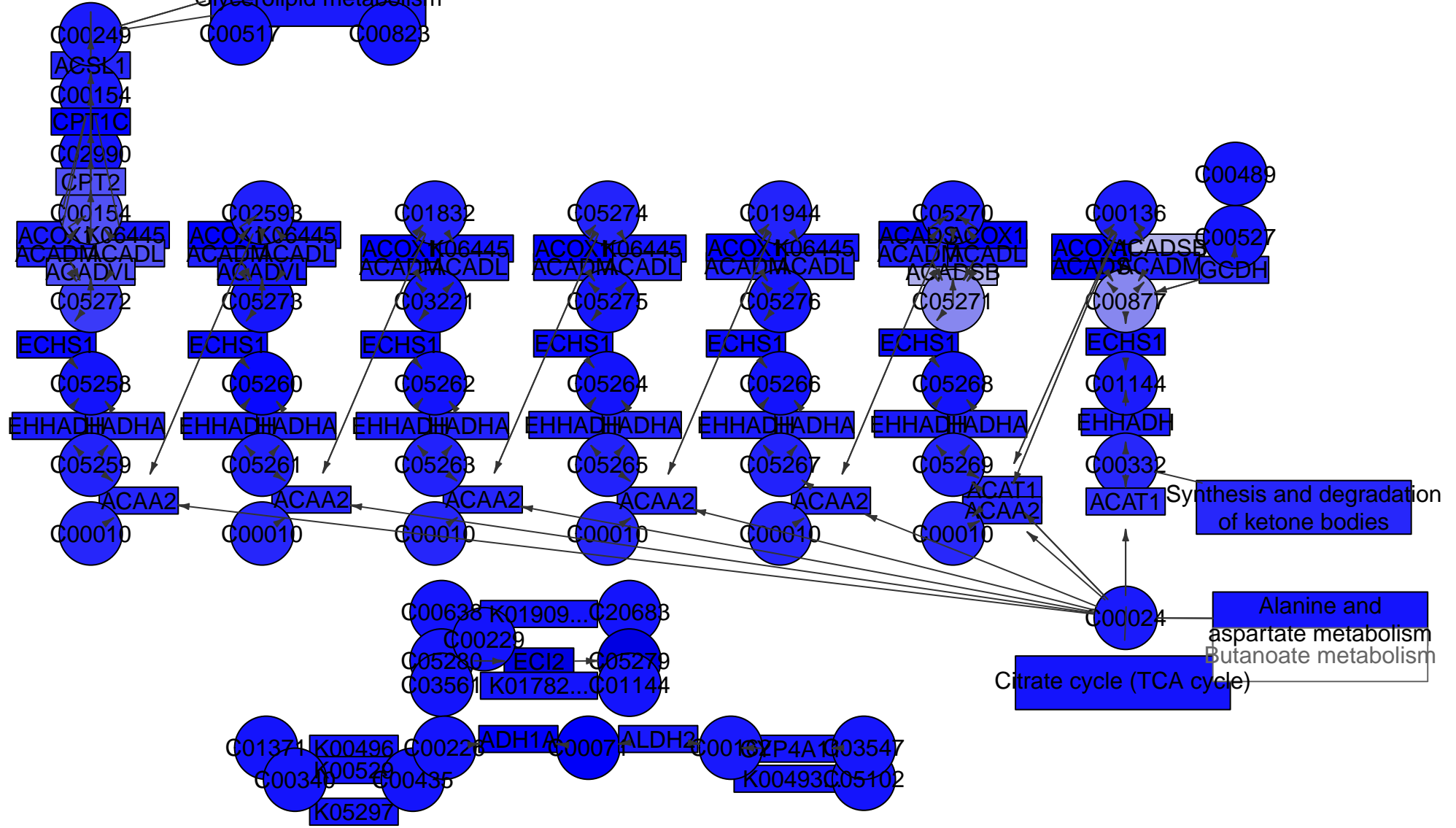
Fatty acid degradation
MPI-026

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



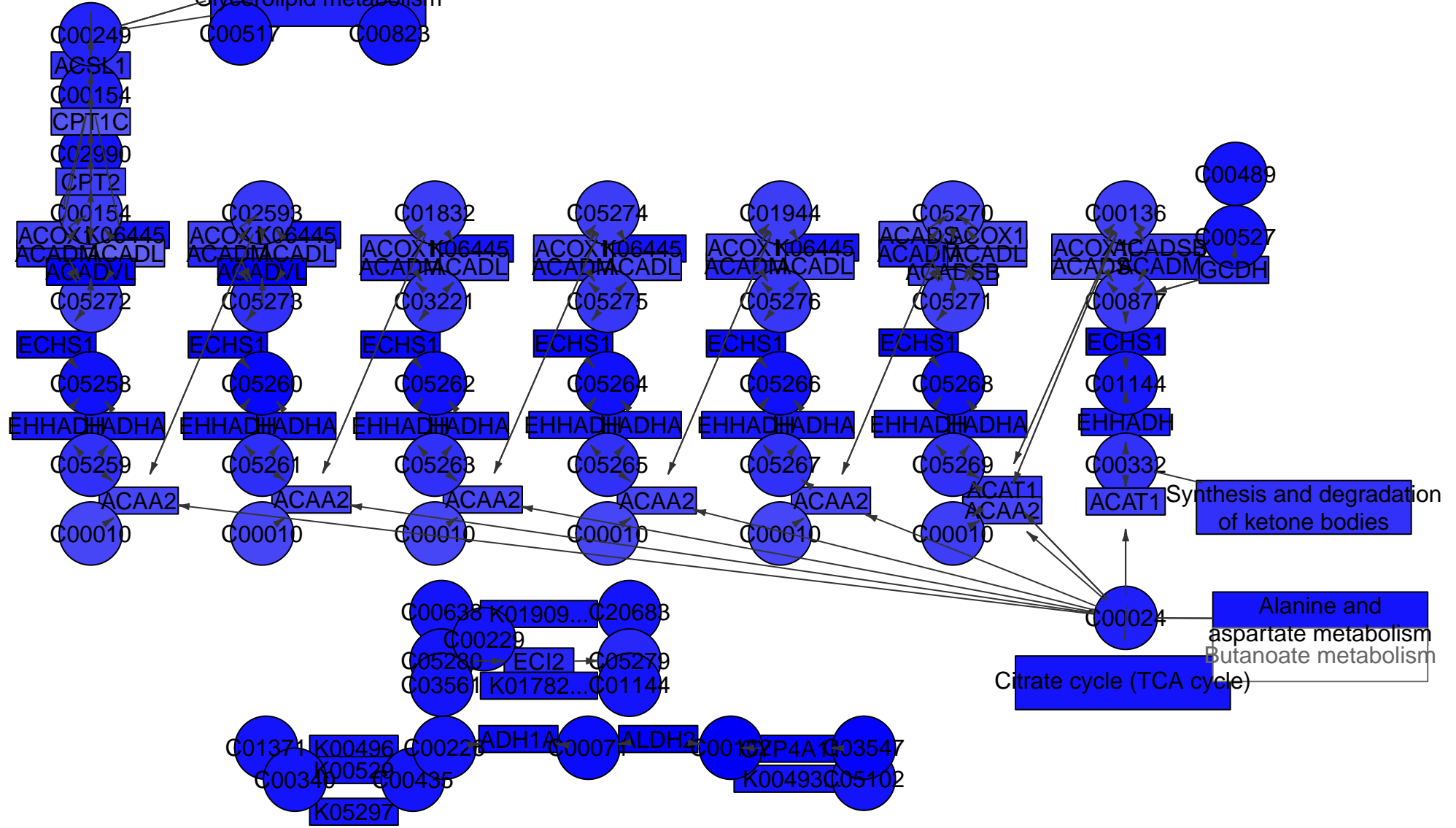
Fatty acid degradation
MPI-036

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



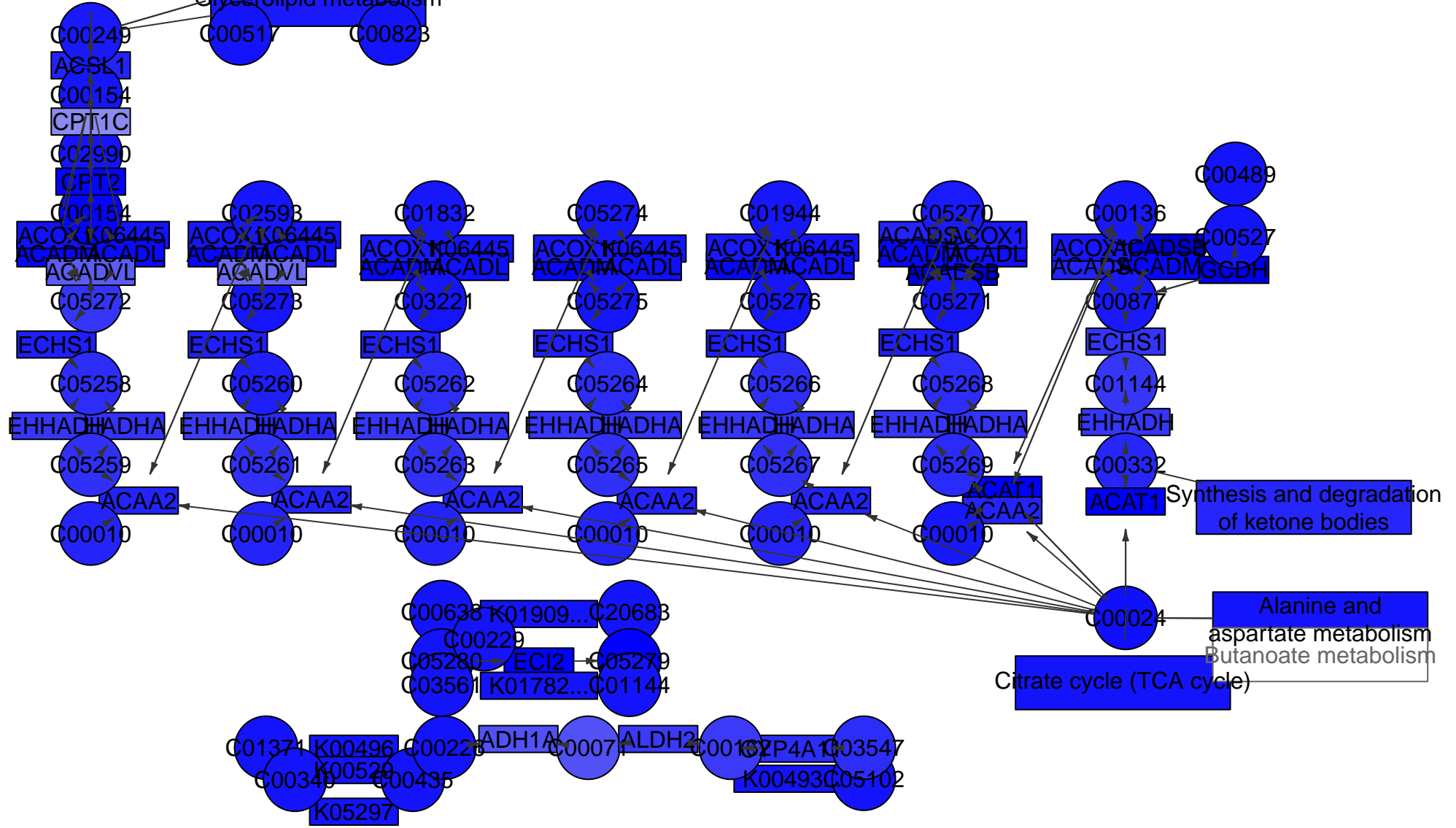
Fatty acid degradation
MPI-037

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



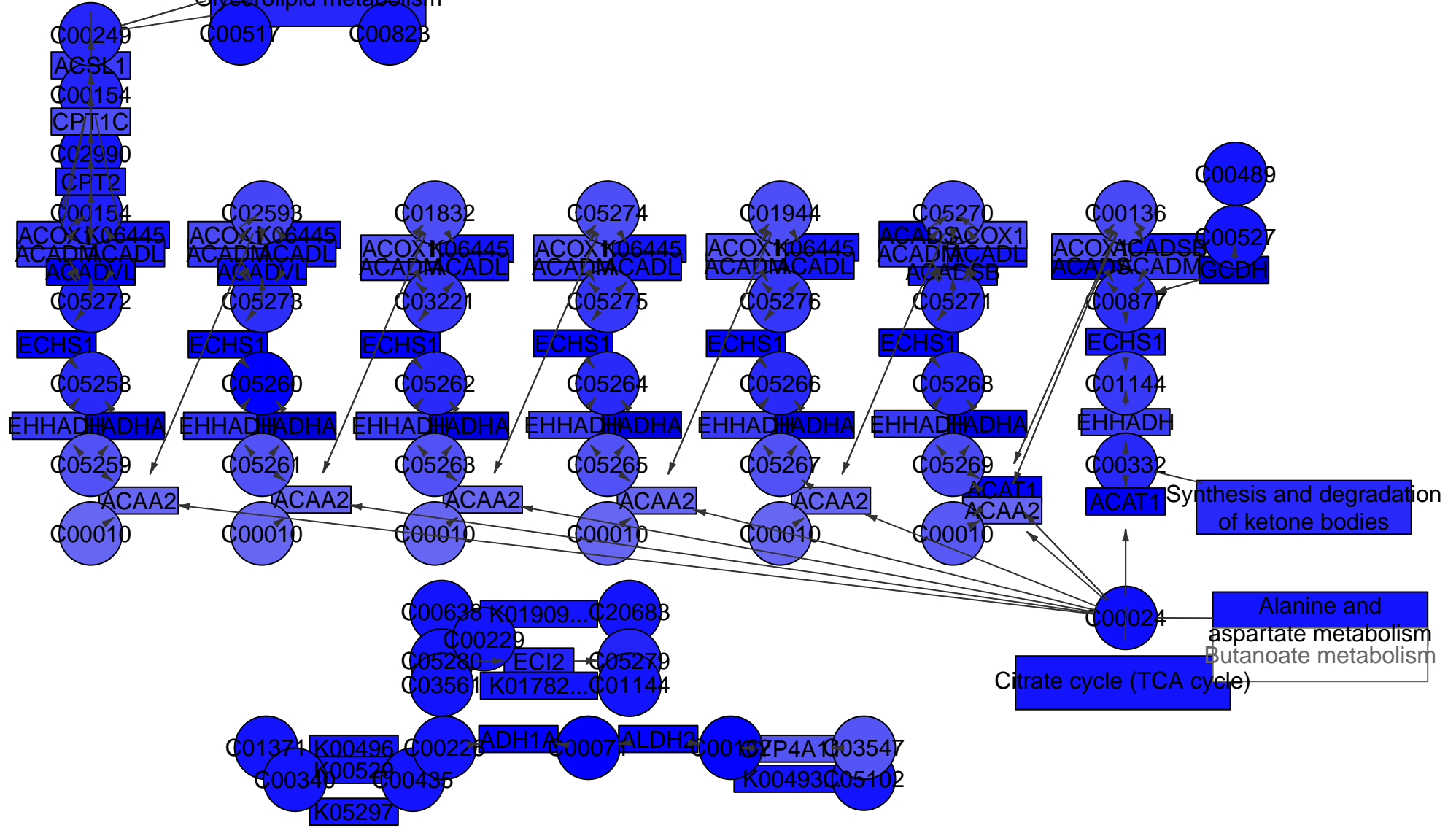
Fatty acid degradation
MPI-038

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-041

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

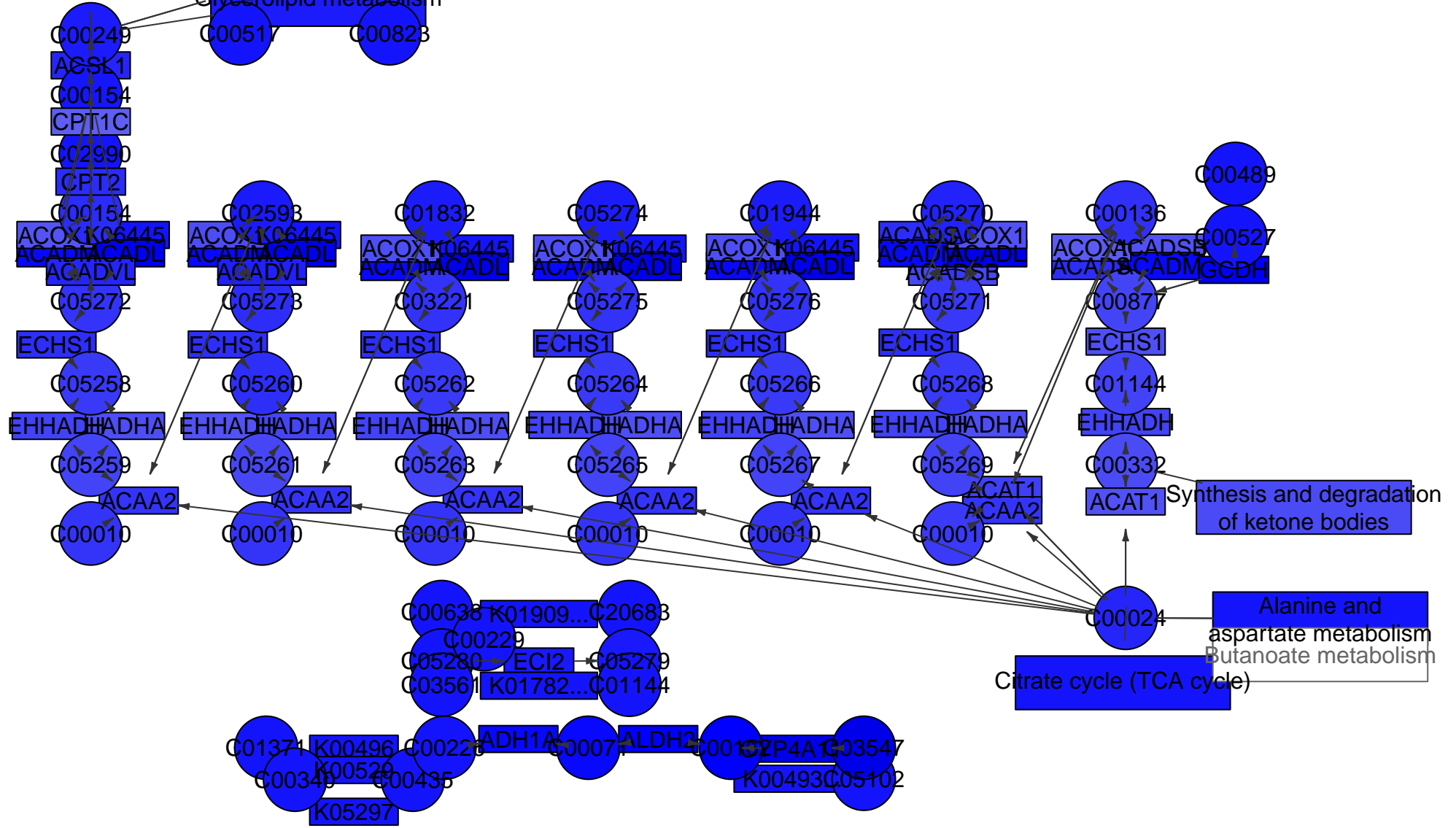


Fatty acid degradation
MPI-046

Fatty acid biosynthesis

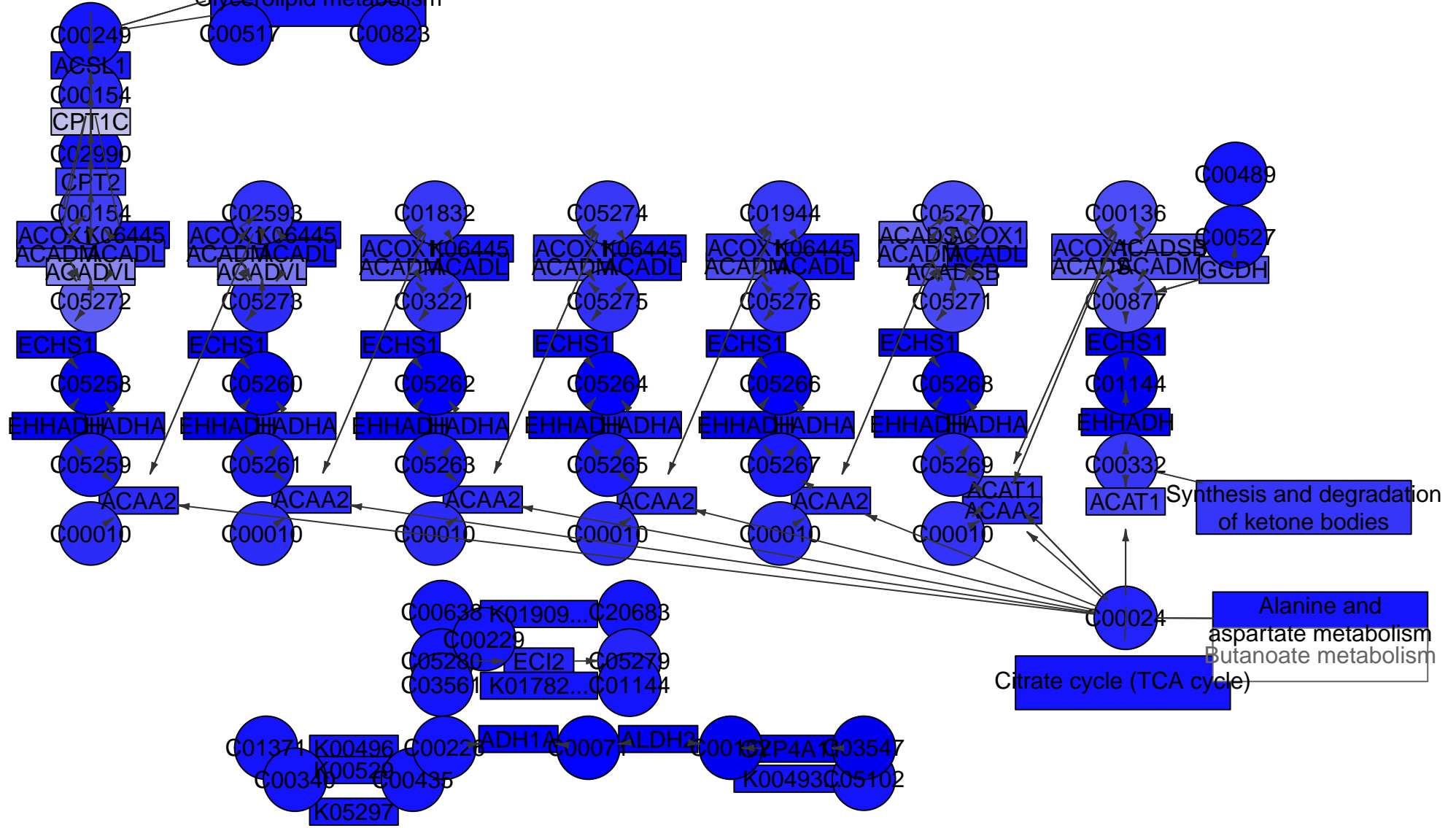
Fatty acid elongation

Glycerolipid metabolism



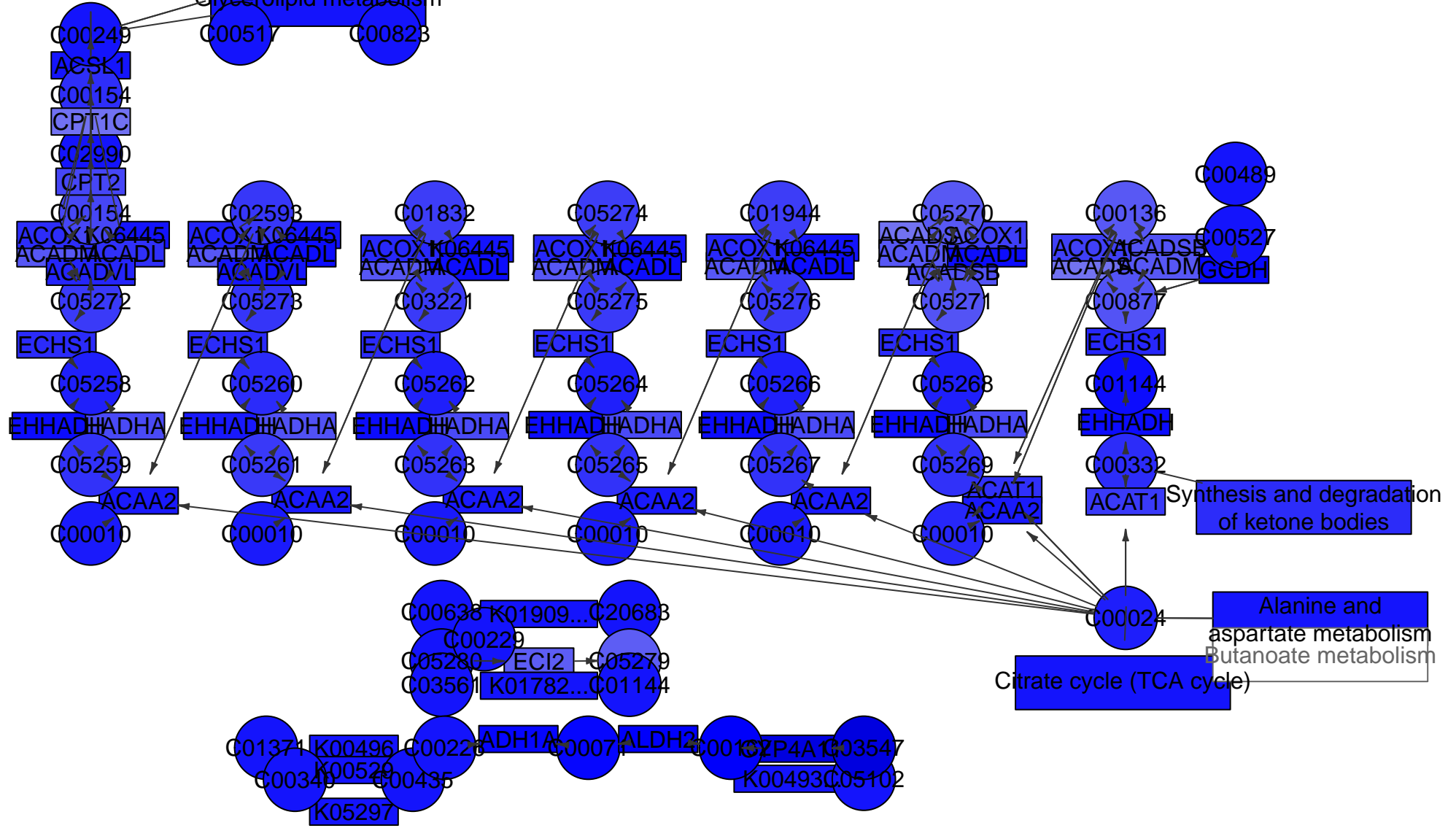
Fatty acid degradation
MPI-050

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



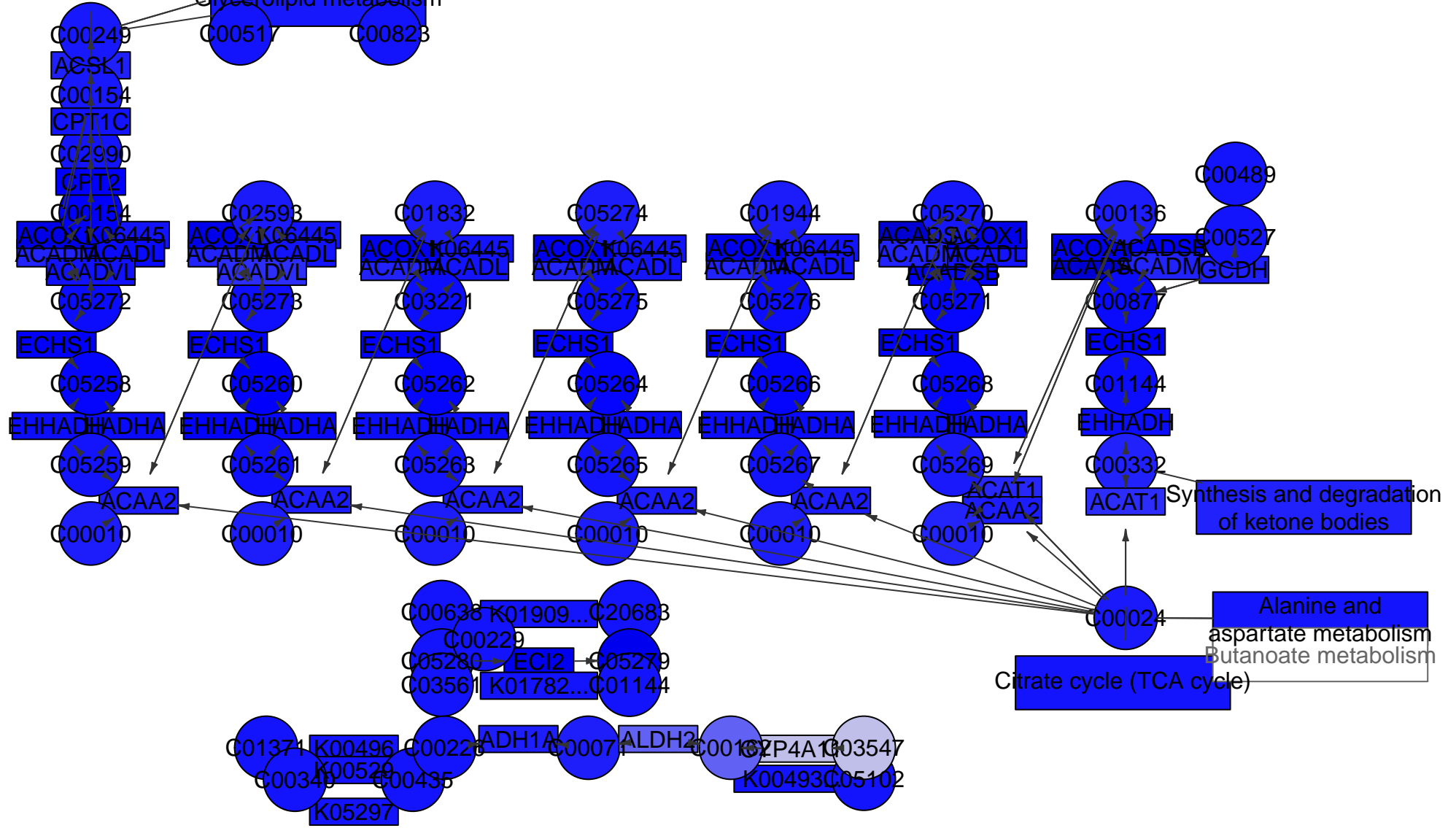
Fatty acid degradation
MPI-051

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



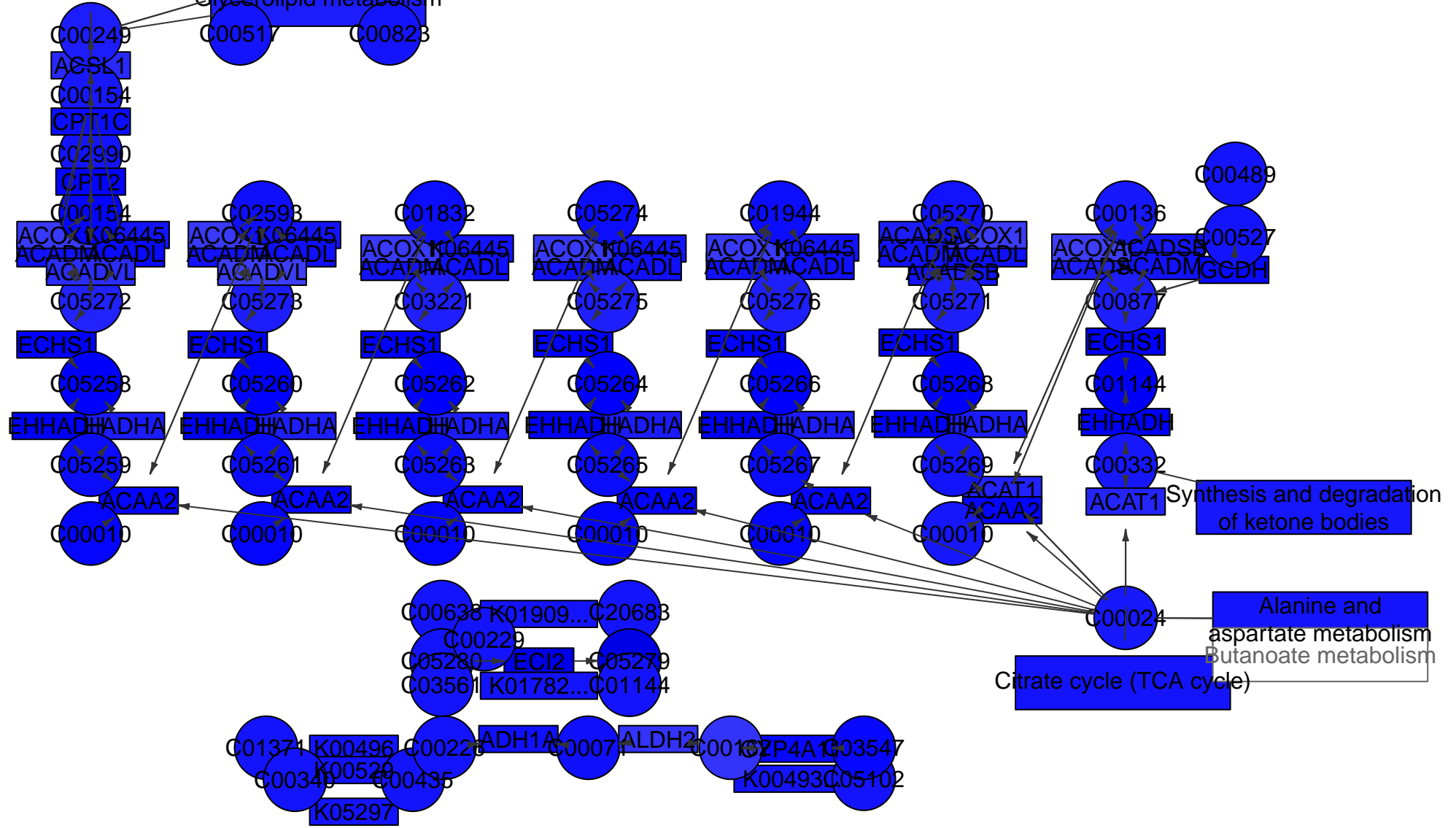
Fatty acid degradation
MPI-054

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



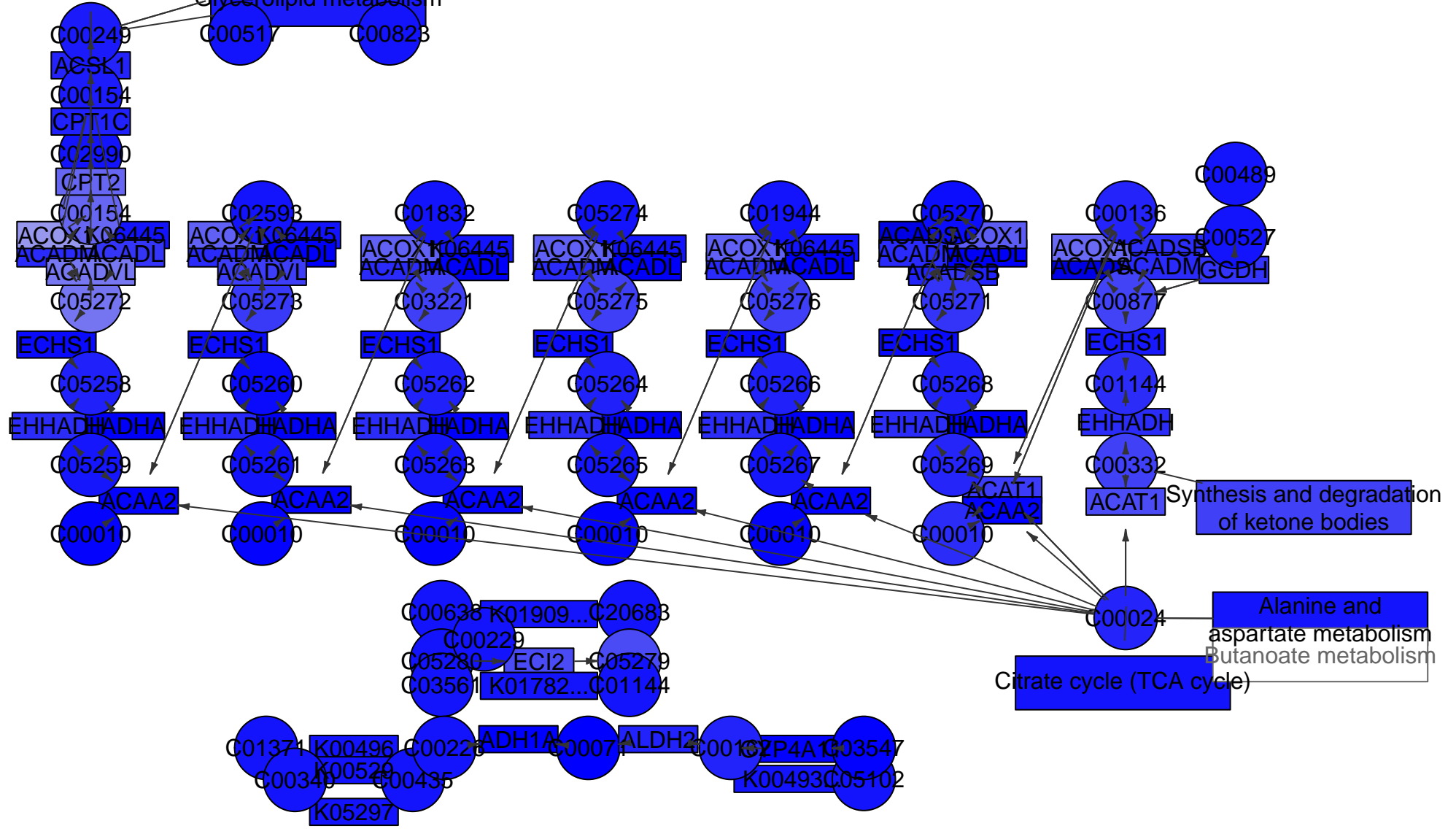
Fatty acid degradation
MPI-059

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



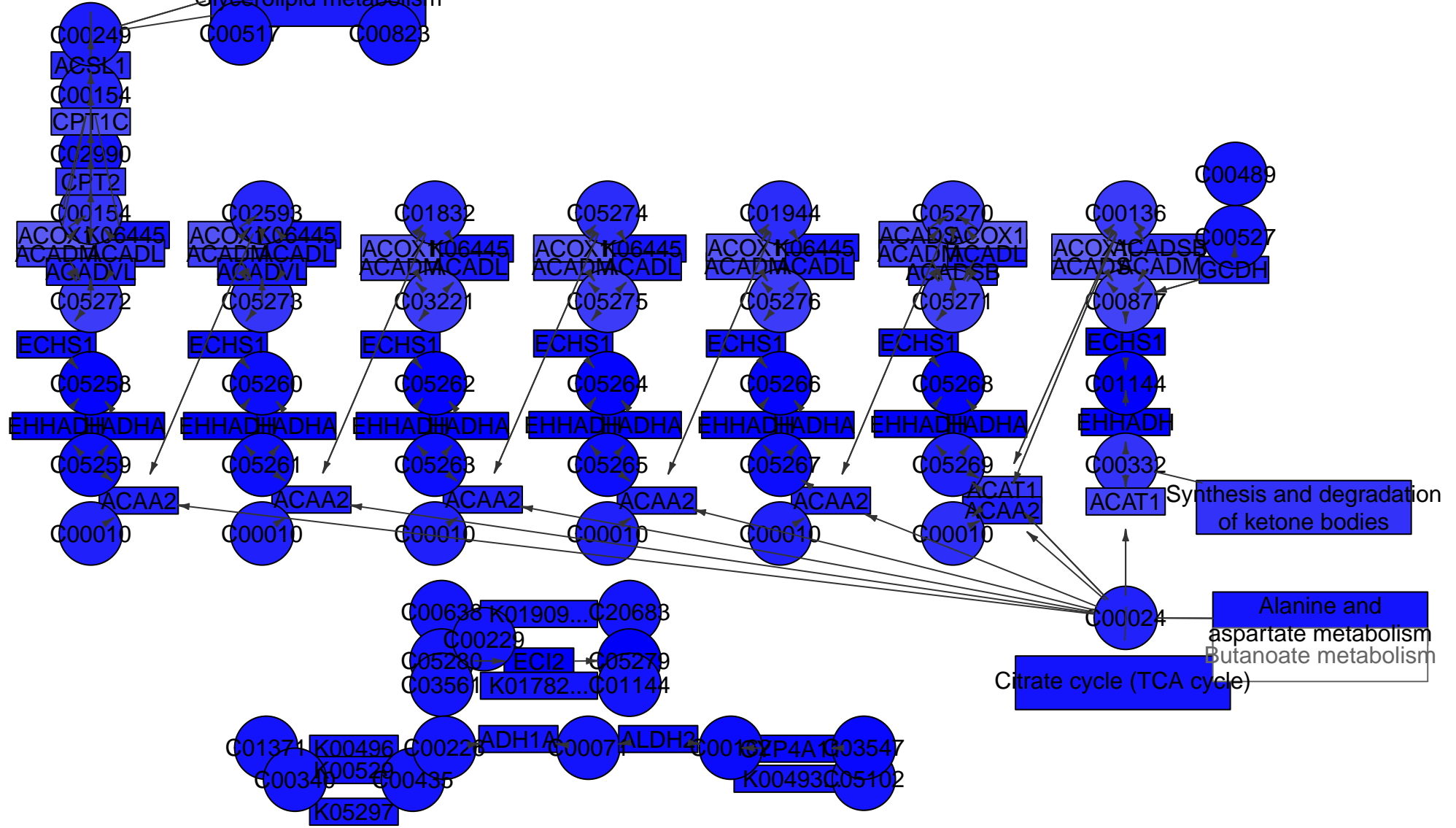
Fatty acid degradation
MPI-060

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



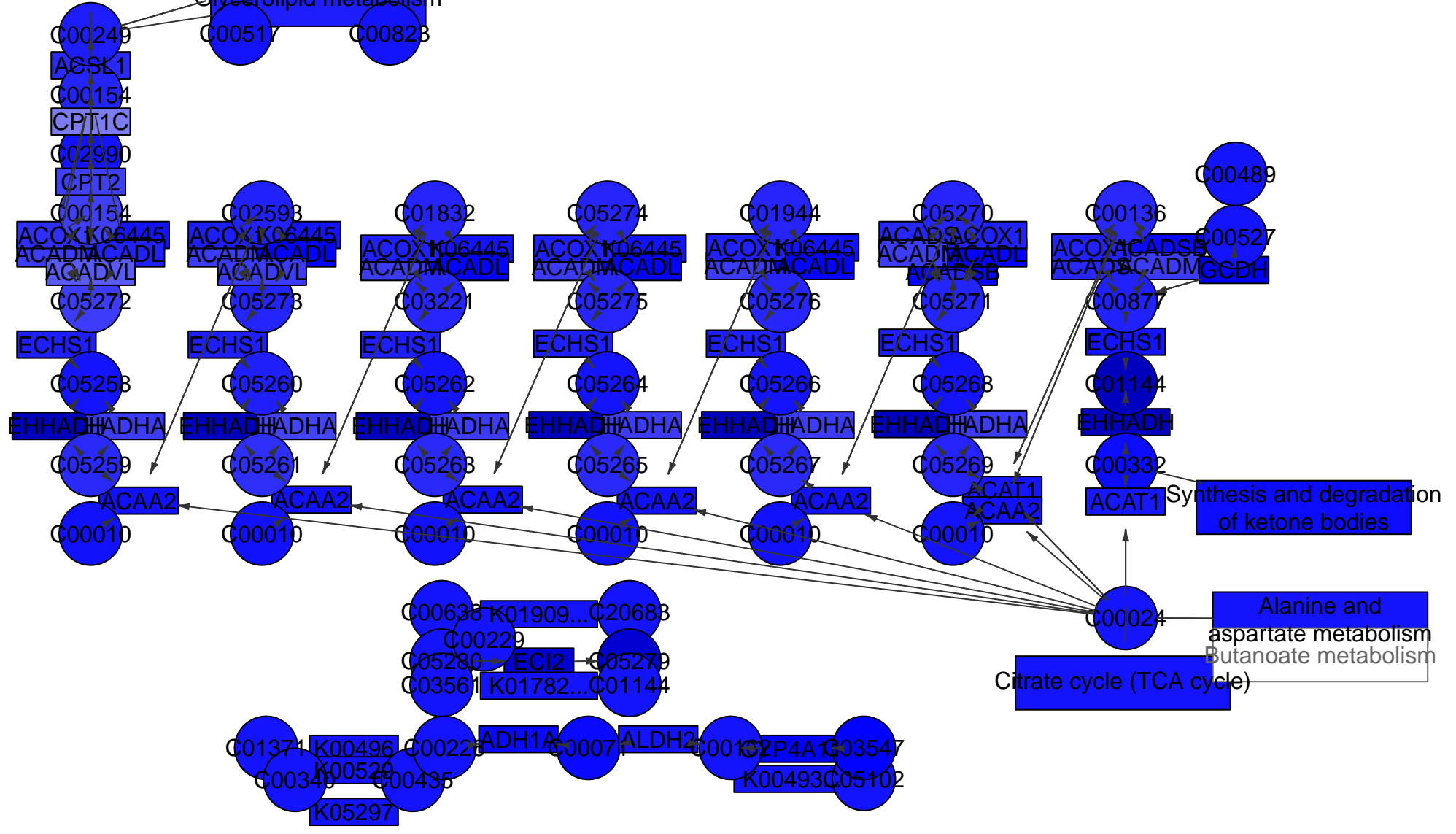
Fatty acid degradation
MPI-061

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



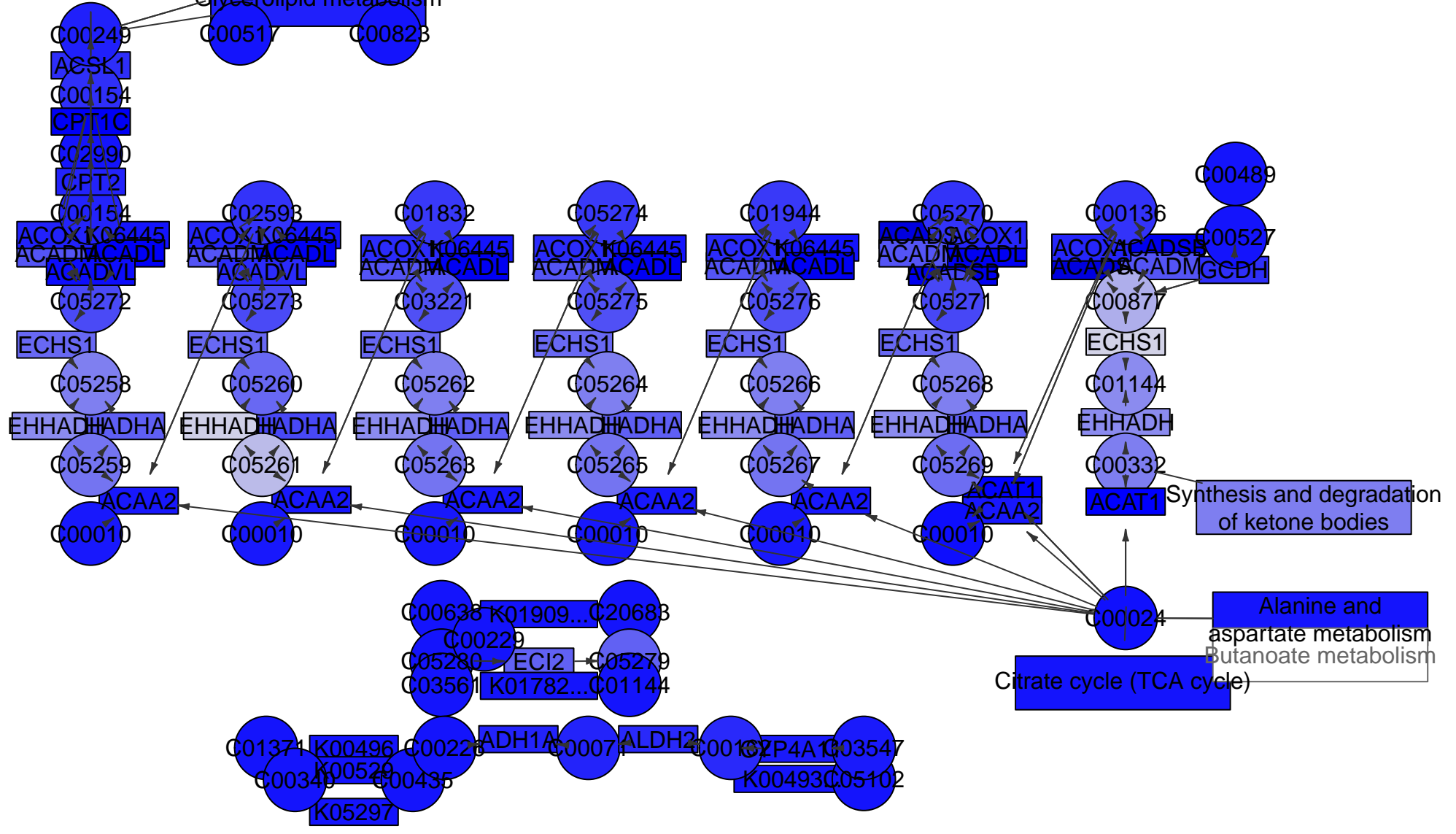
Fatty acid degradation
MPI-064

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



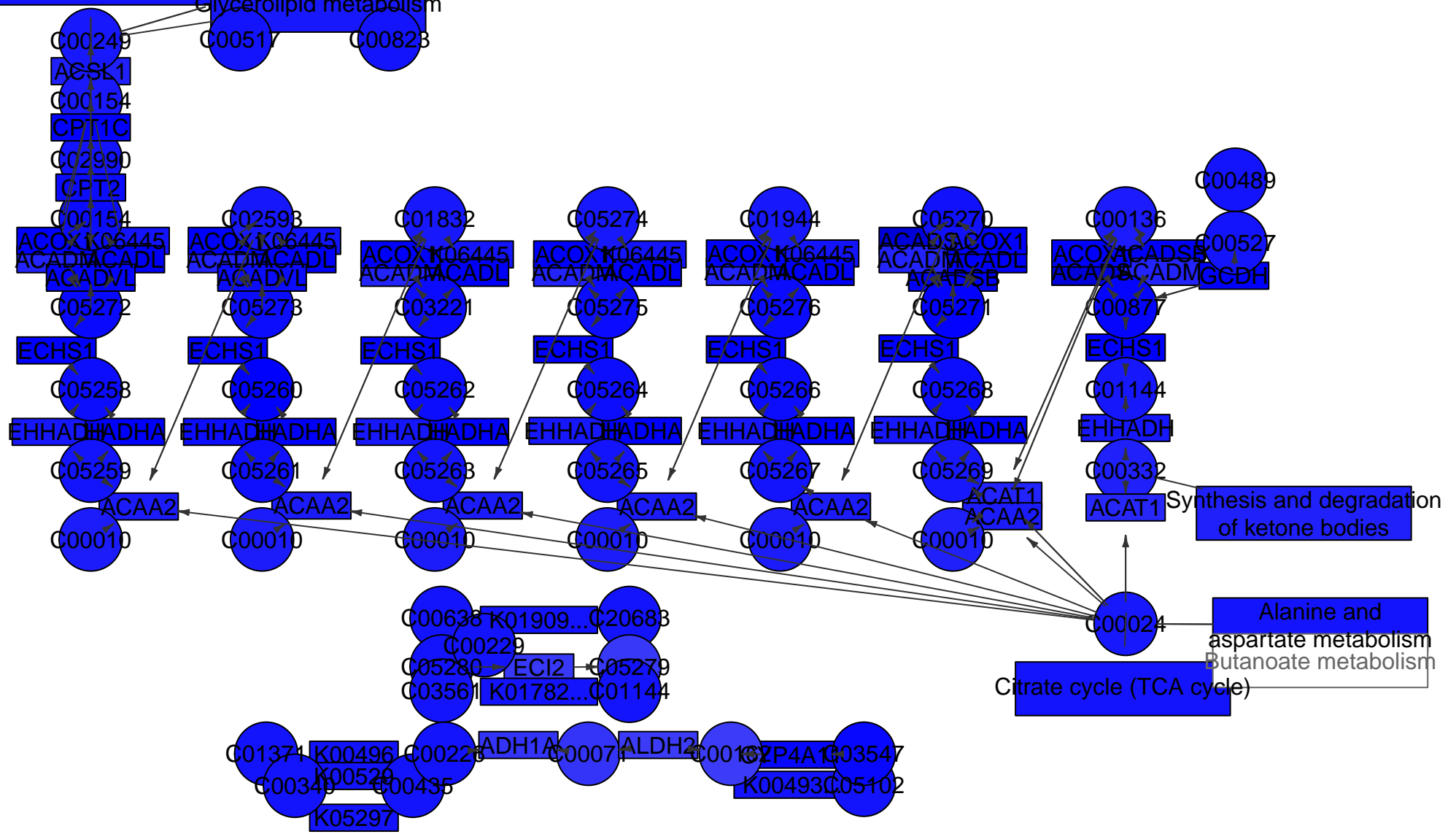
Fatty acid degradation
MPI-070

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-072

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

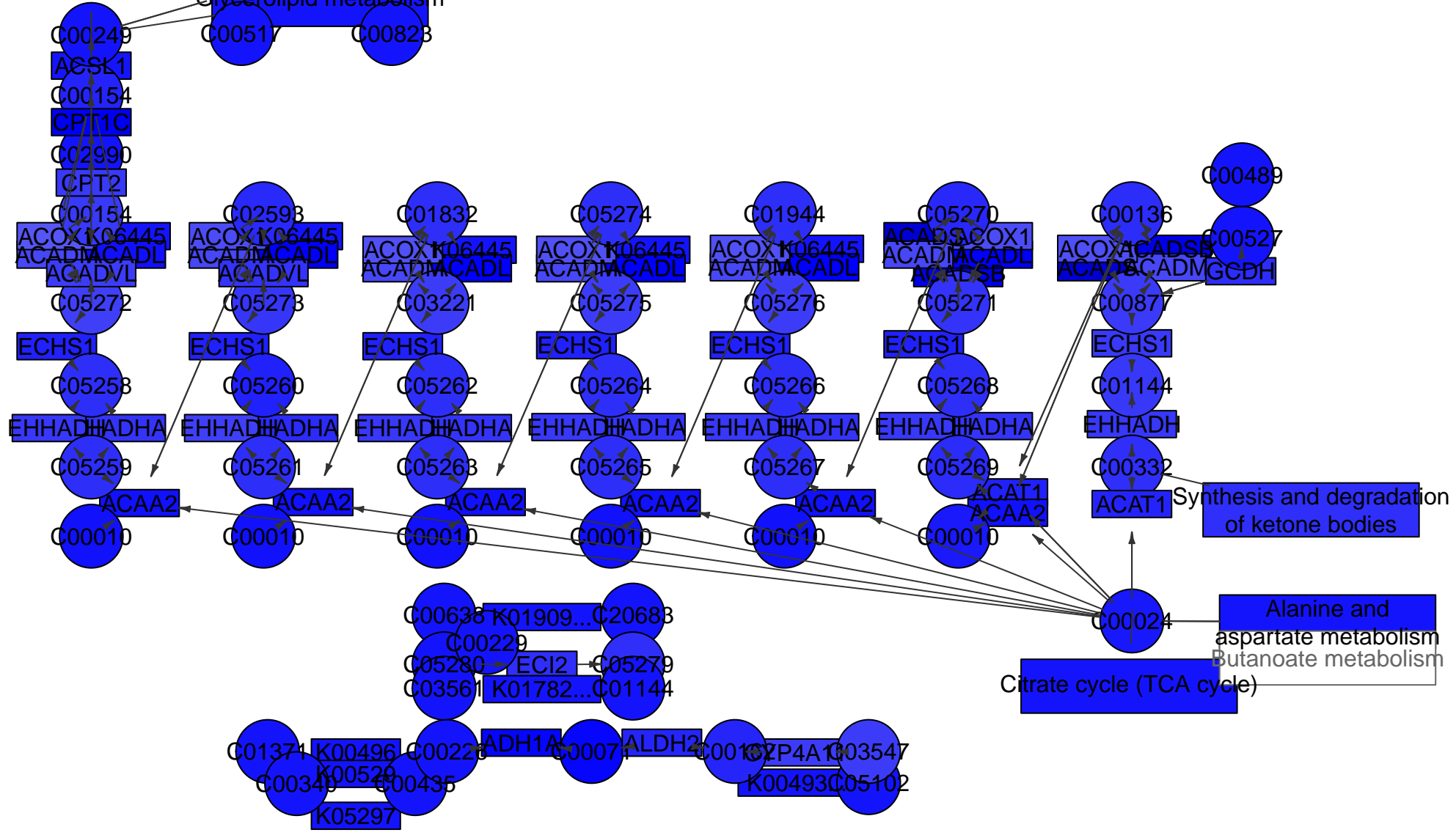


Fatty acid degradation
MPI-093

Fatty acid biosynthesis

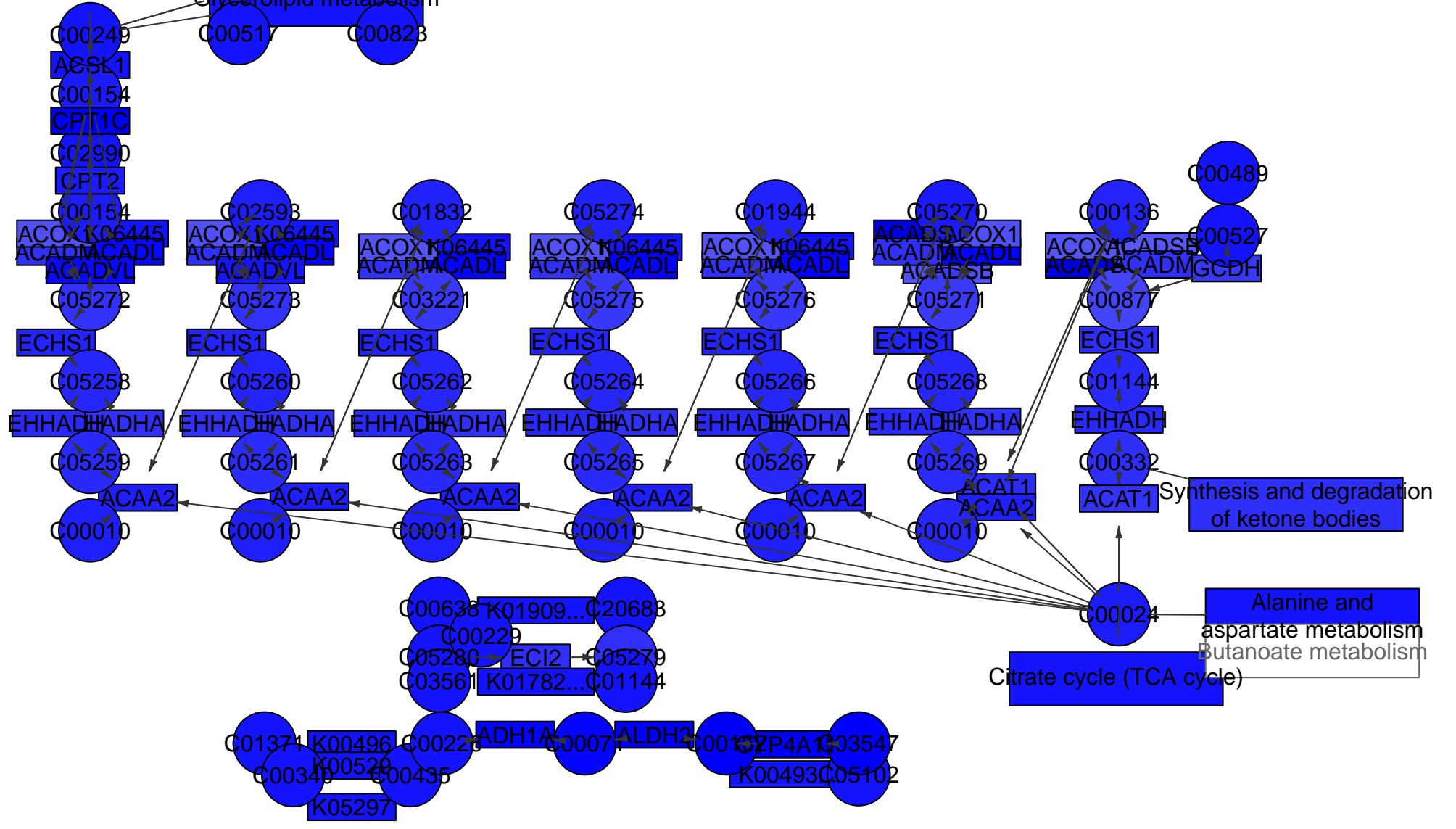
Fatty acid elongation

Glycerolipid metabolism



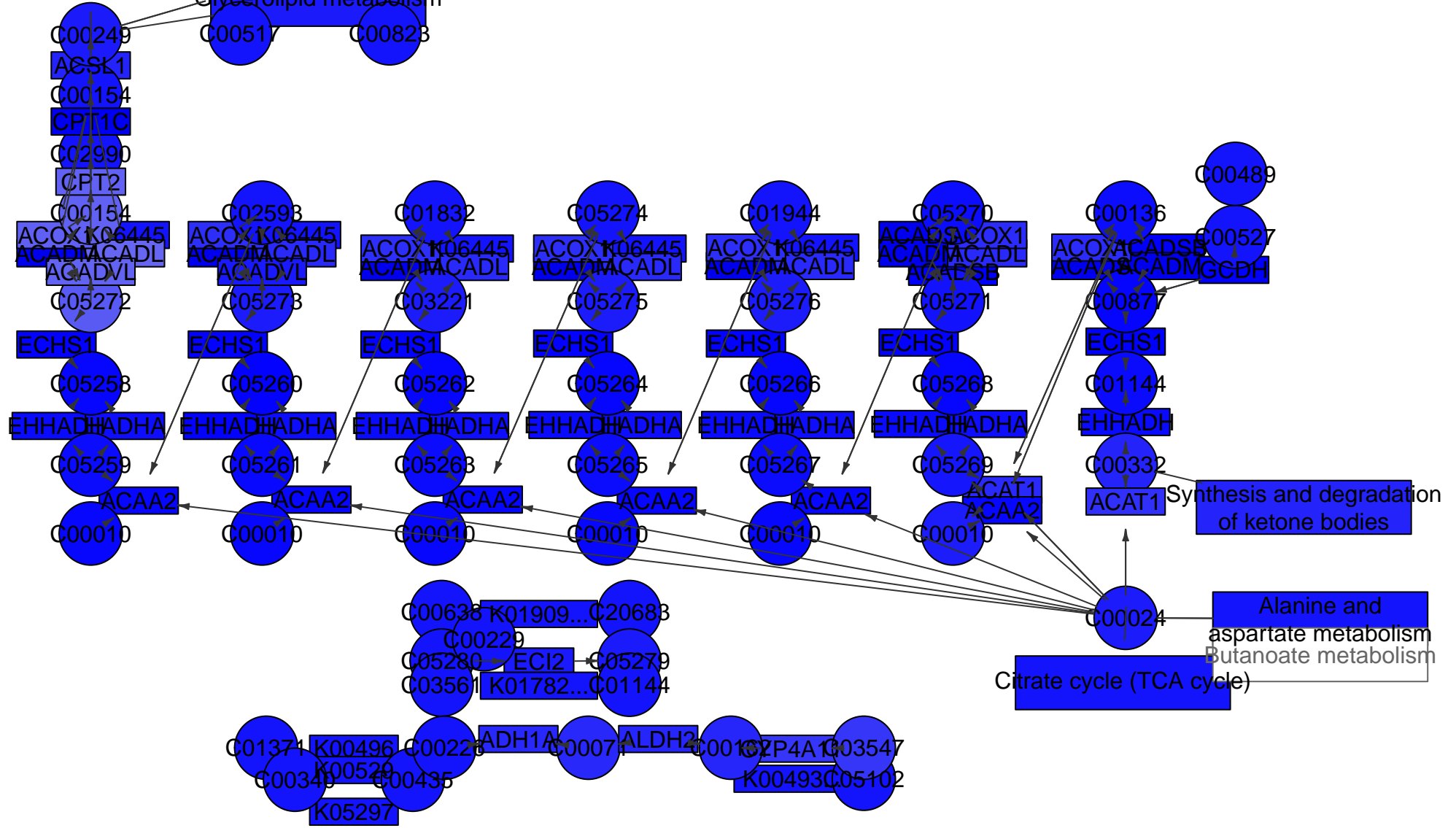
Fatty acid degradation
MPI-094

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



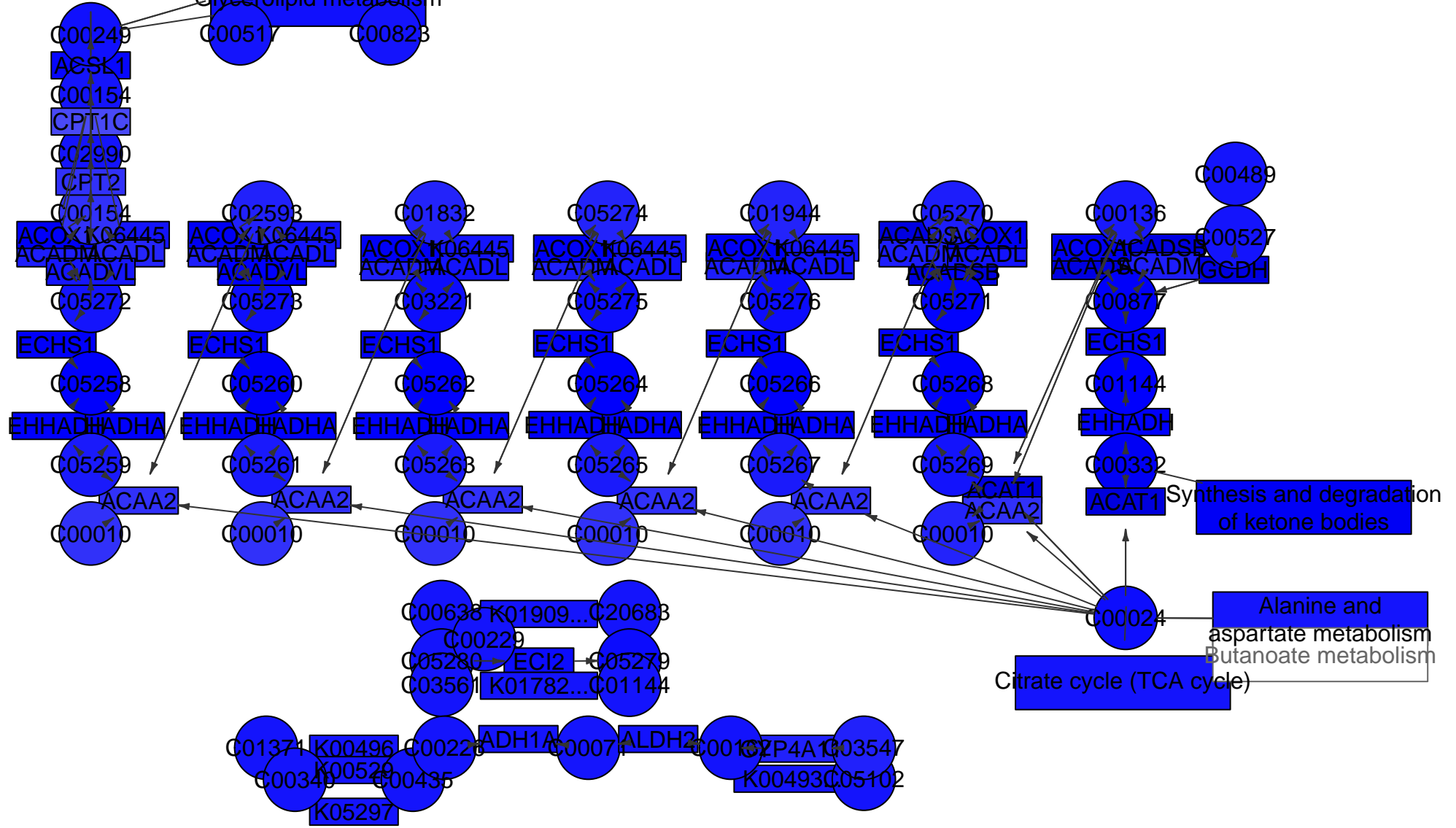
Fatty acid degradation
MPI-099

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



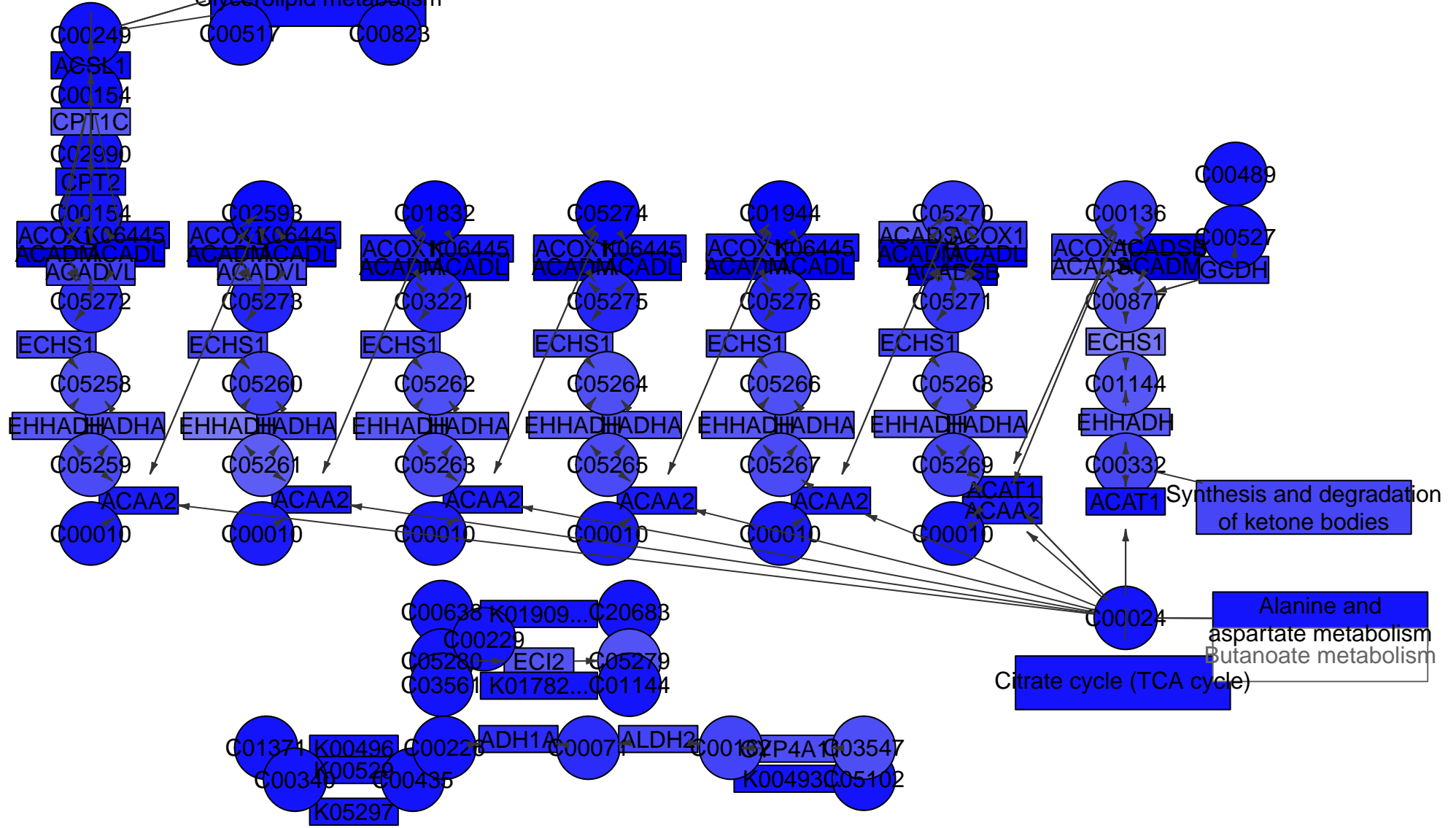
Fatty acid degradation
MPI-104

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



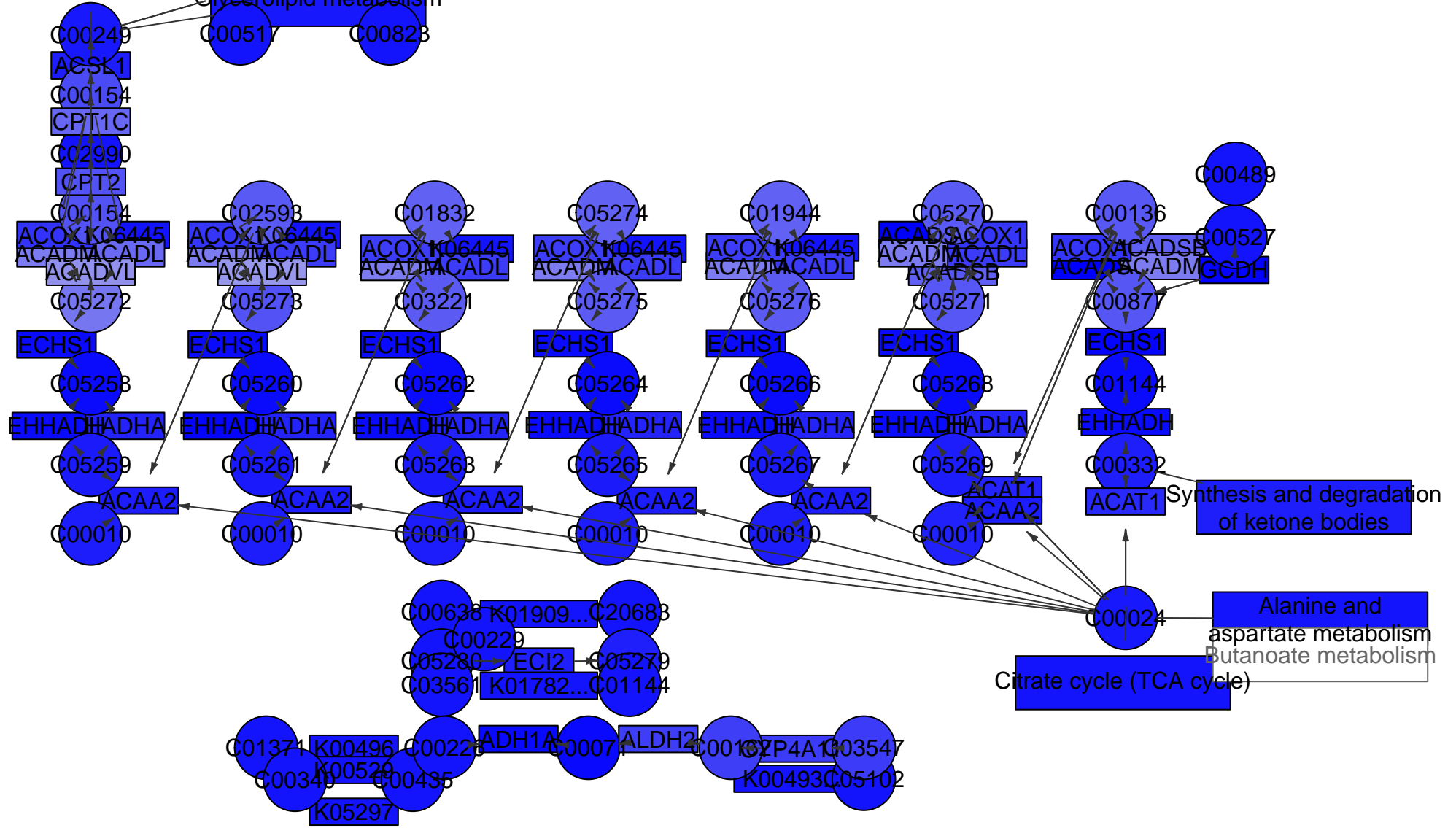
Fatty acid degradation
MPI-107

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



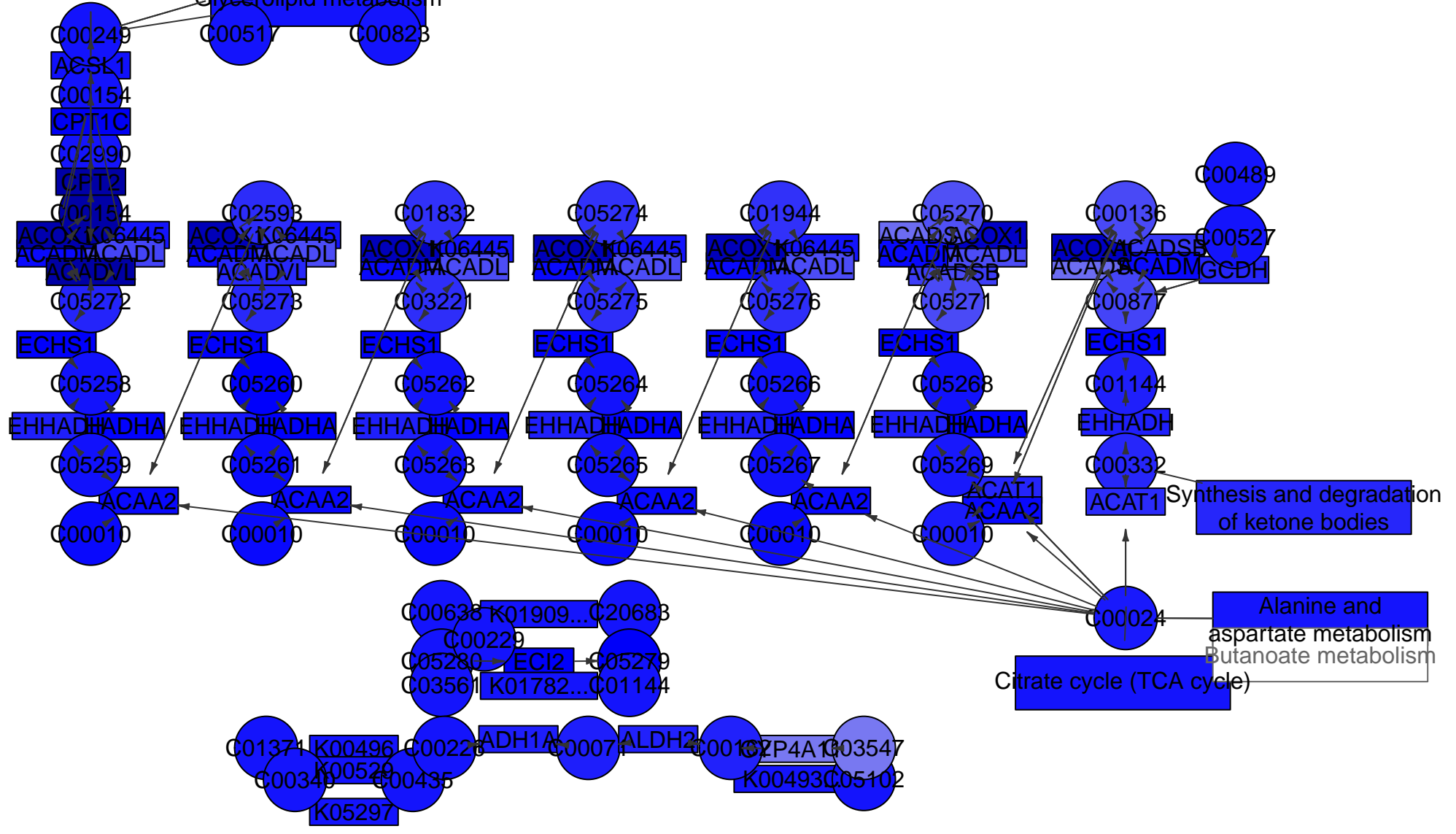
Fatty acid degradation
MPI-112

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



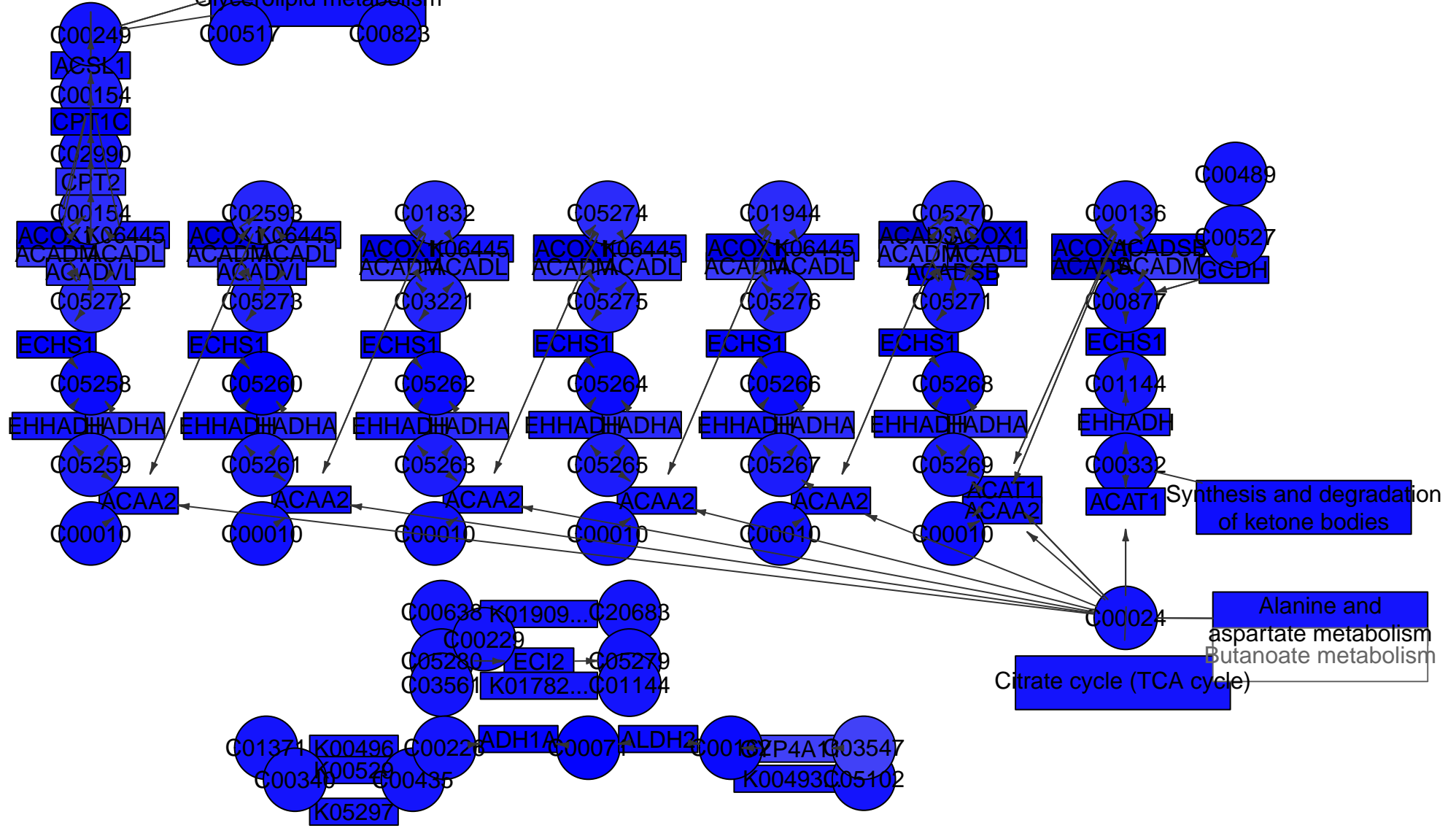
Fatty acid degradation
MPI-116

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



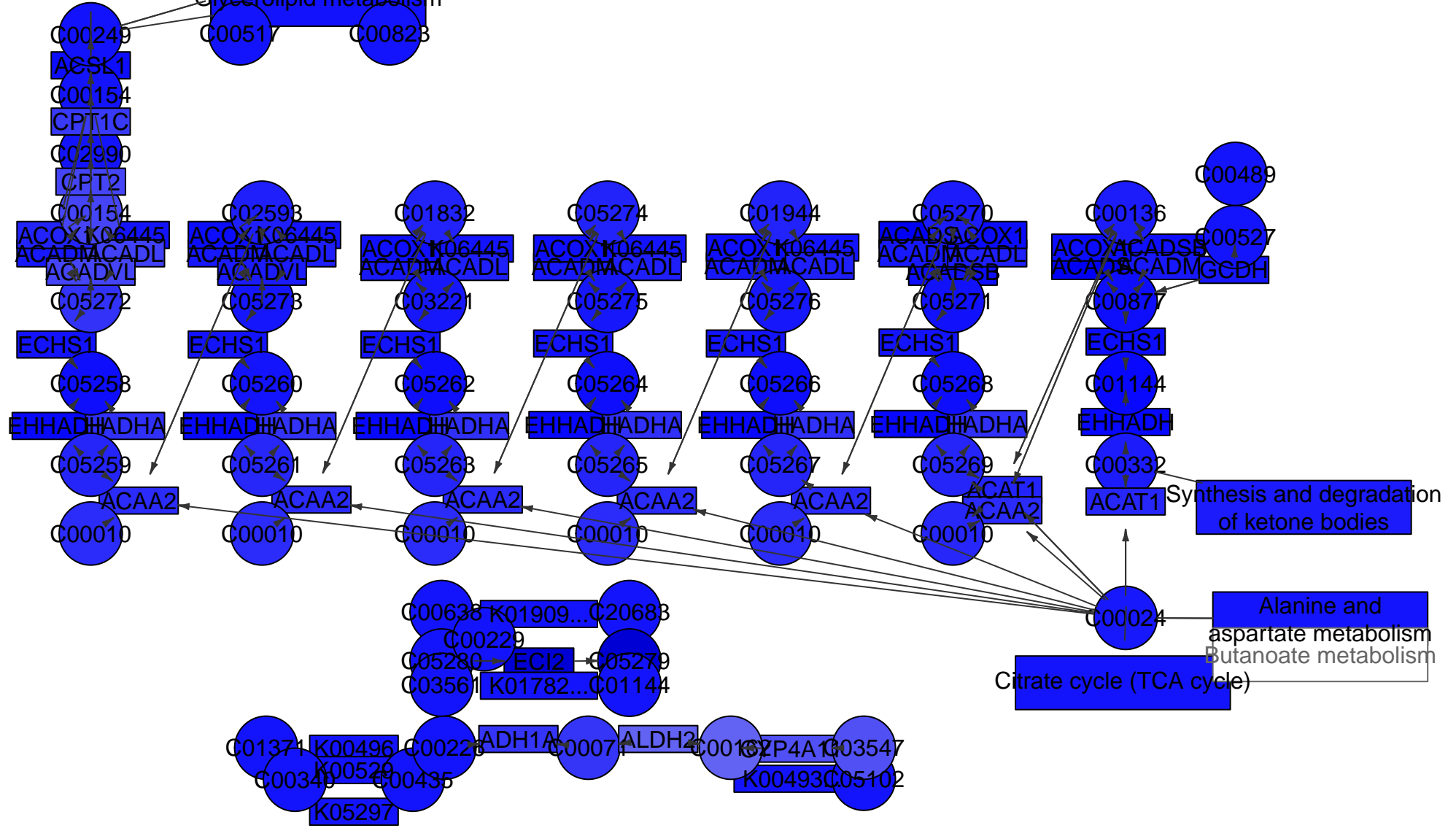
Fatty acid degradation
MPI-117

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



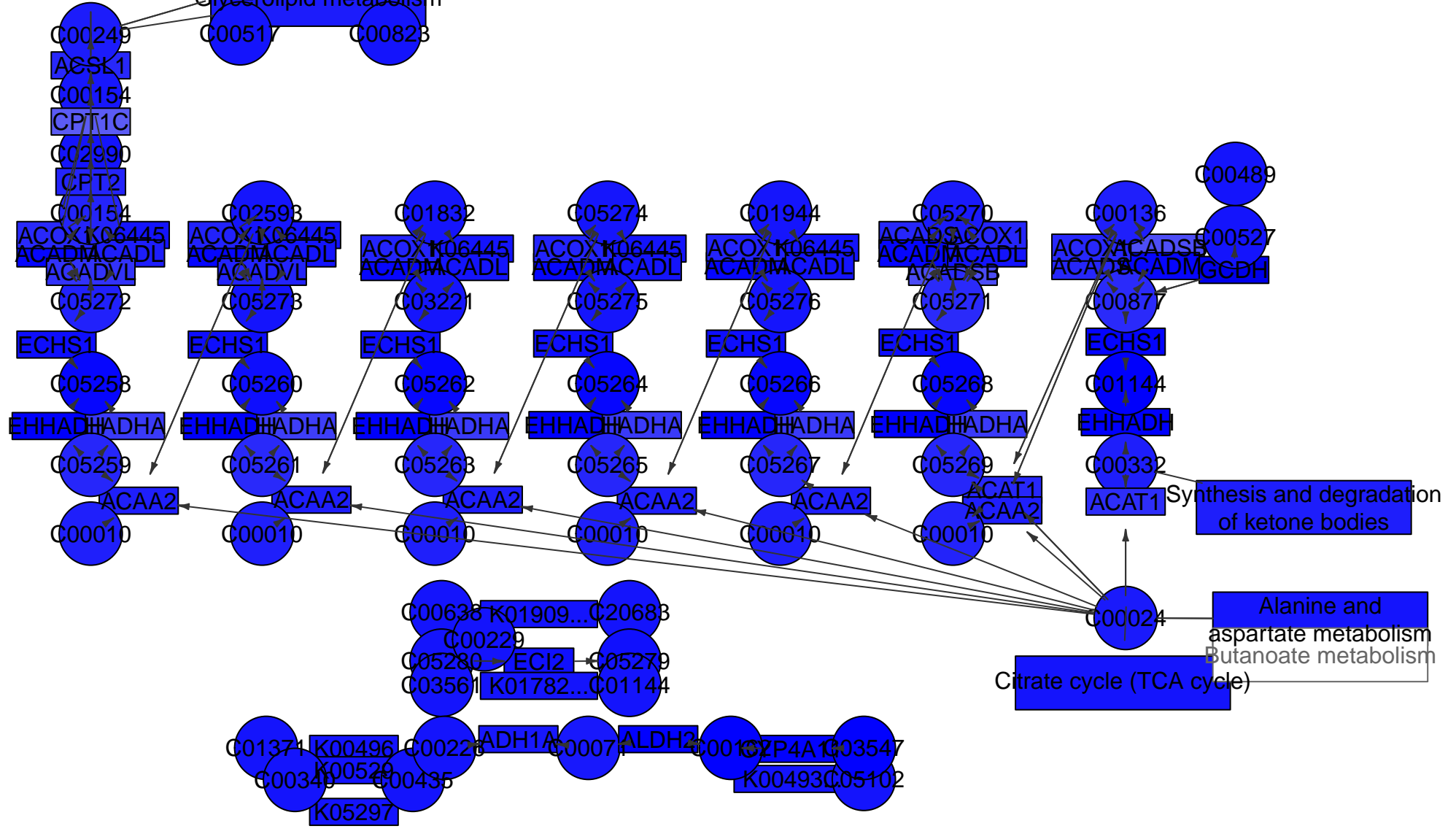
Fatty acid degradation
MPI-120

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



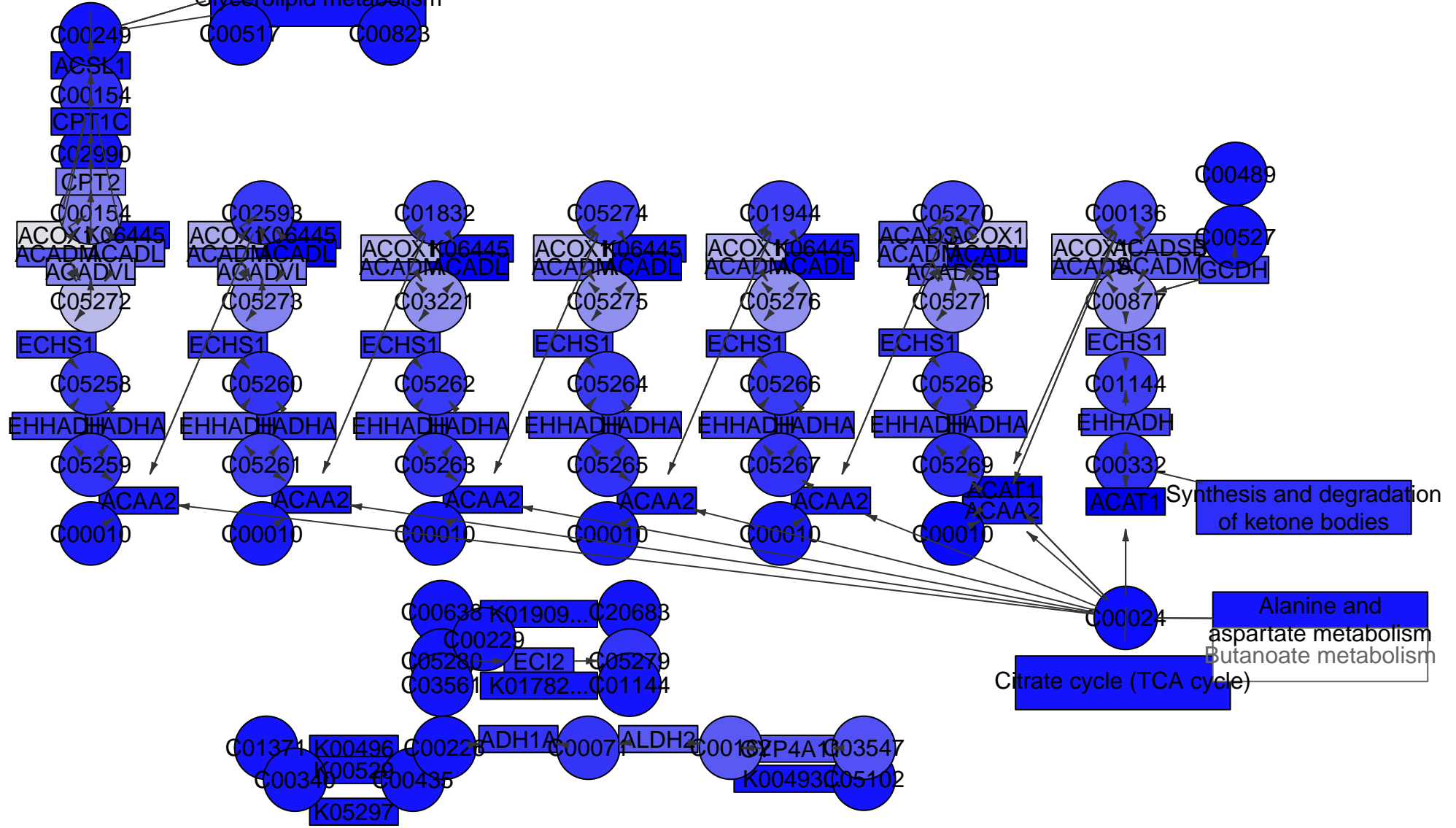
Fatty acid degradation
MPI-121

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



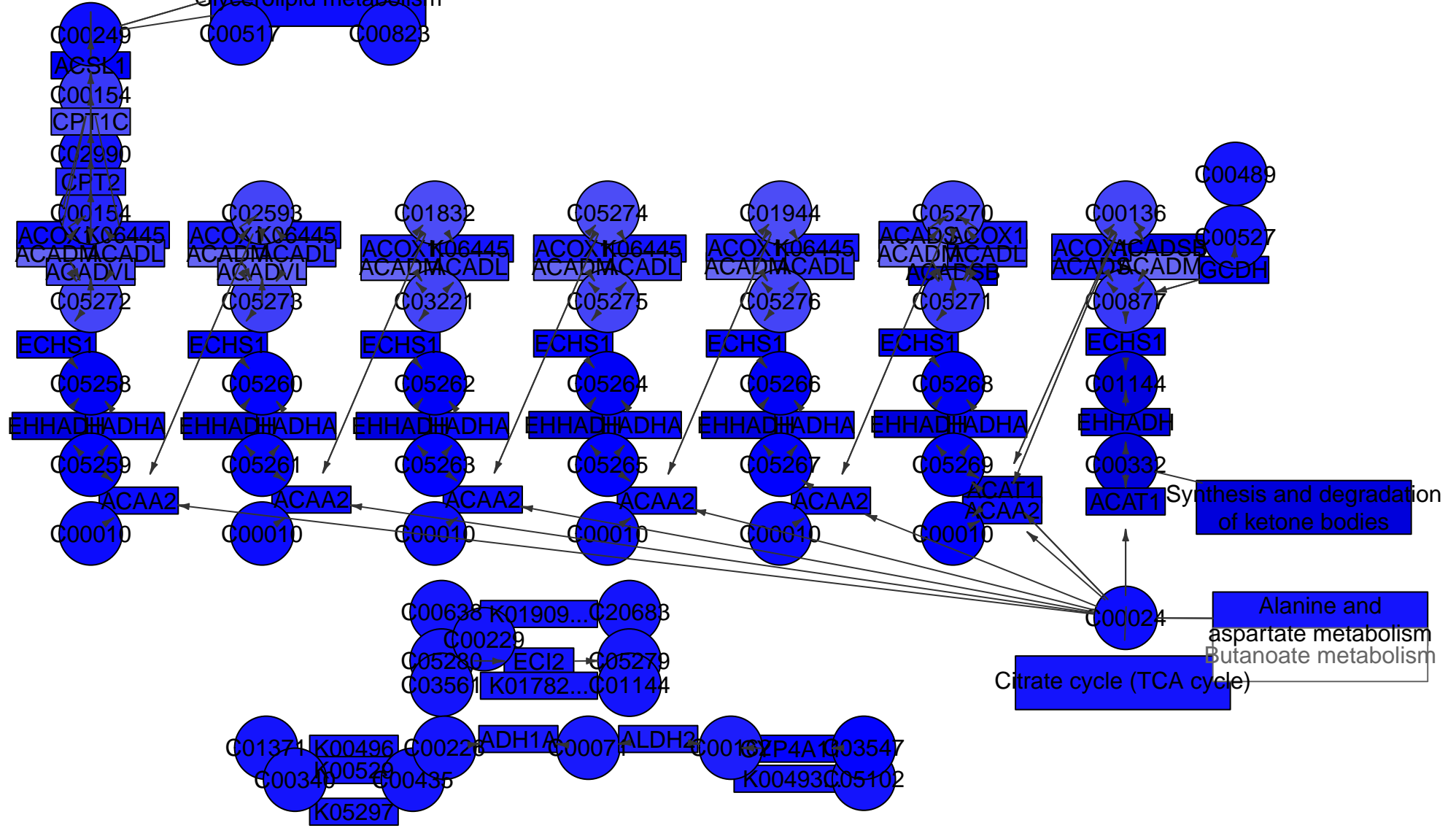
Fatty acid degradation
MPI-124

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



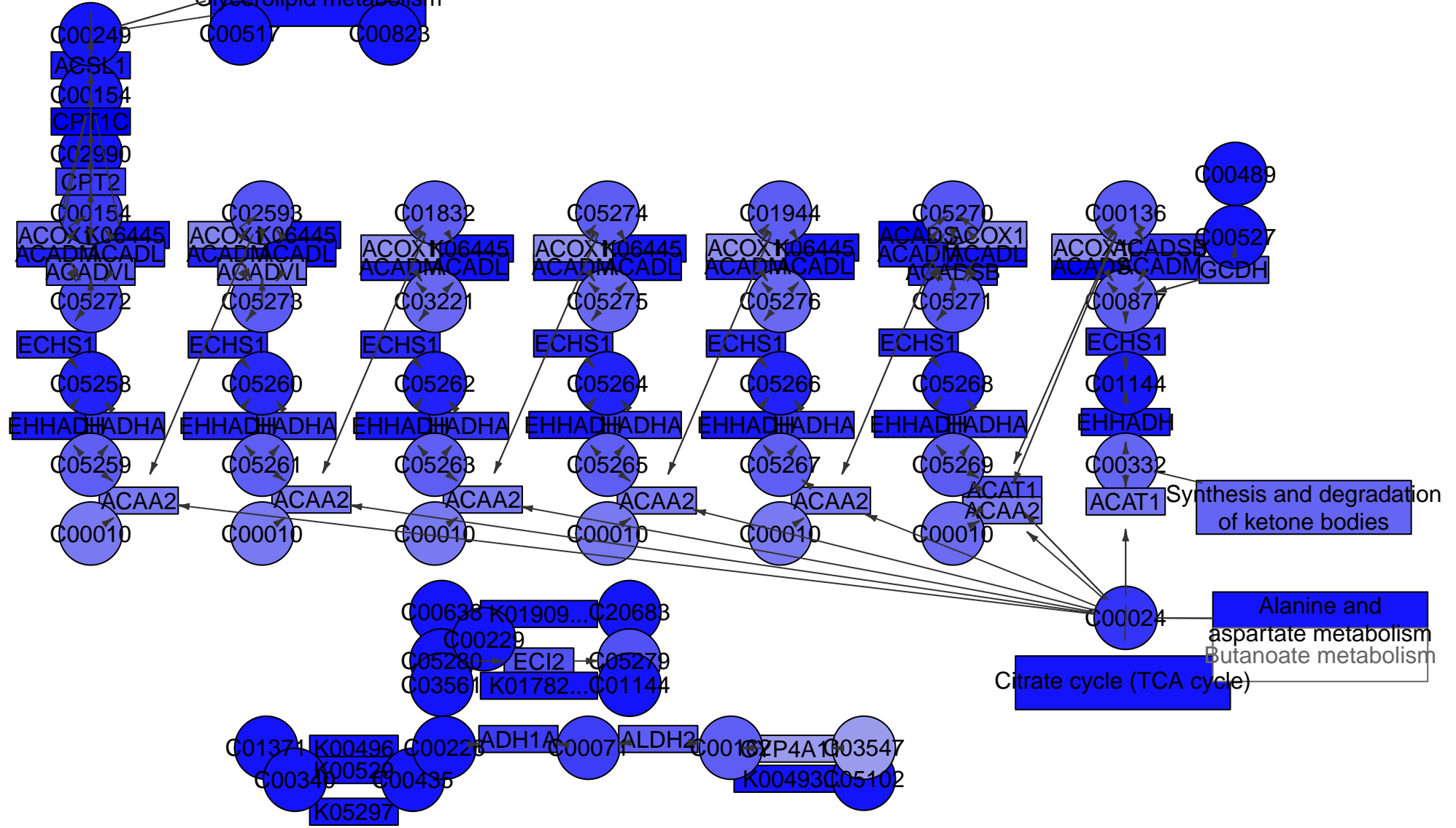
Fatty acid degradation
MPI-126

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



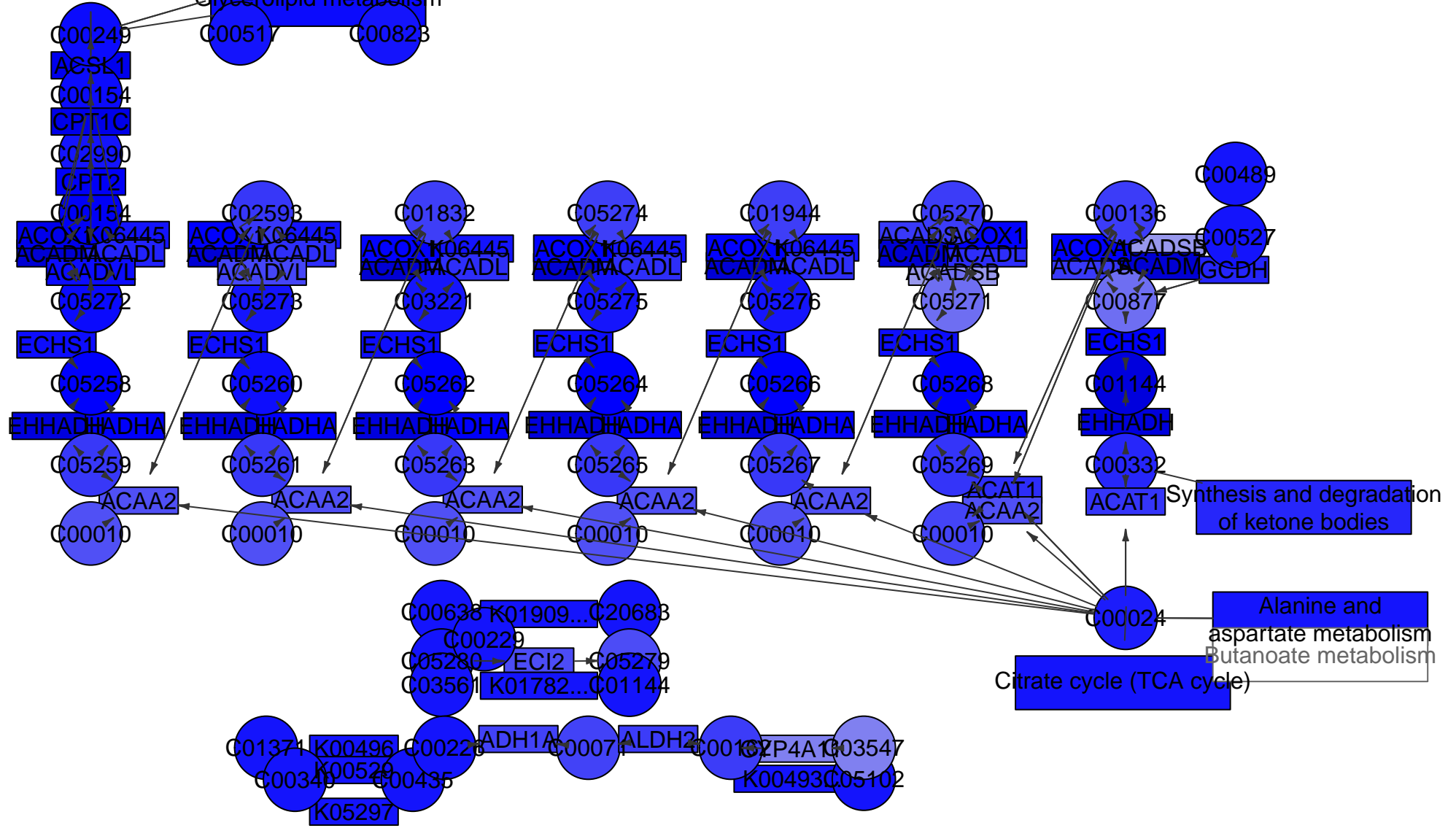
Fatty acid degradation
MPI-131

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



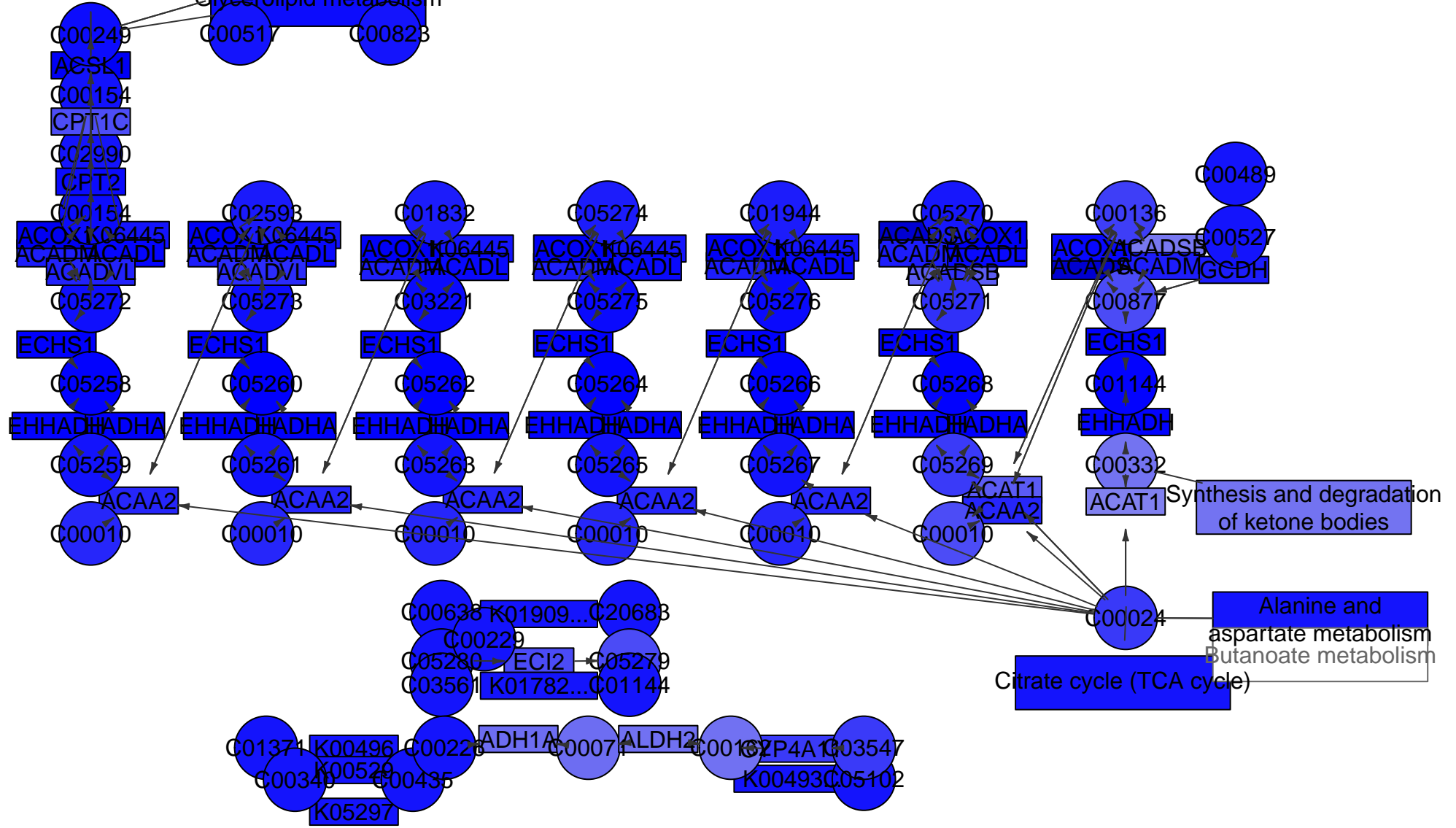
Fatty acid degradation
MPI-143

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



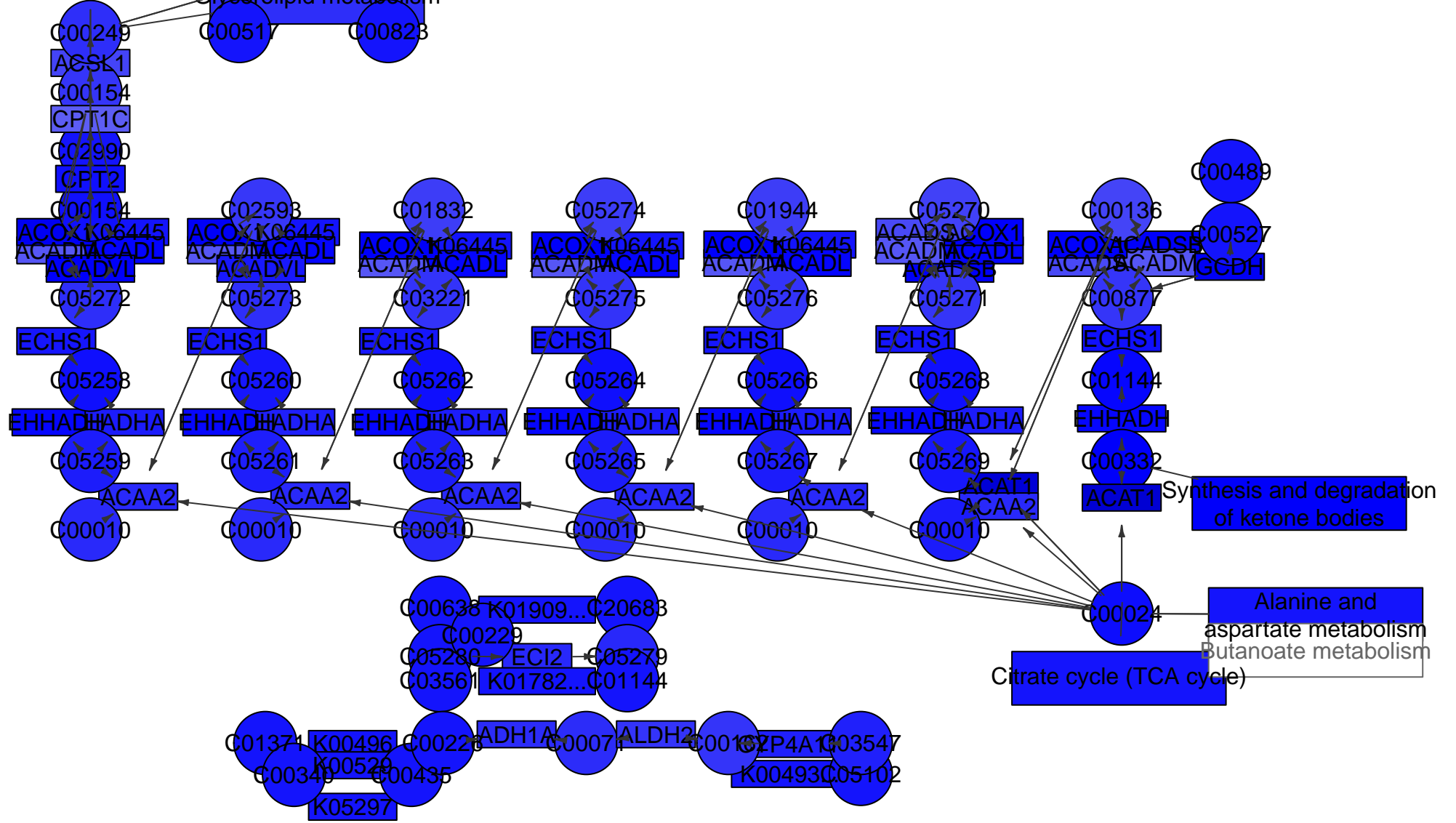
Fatty acid degradation
MPI-148

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



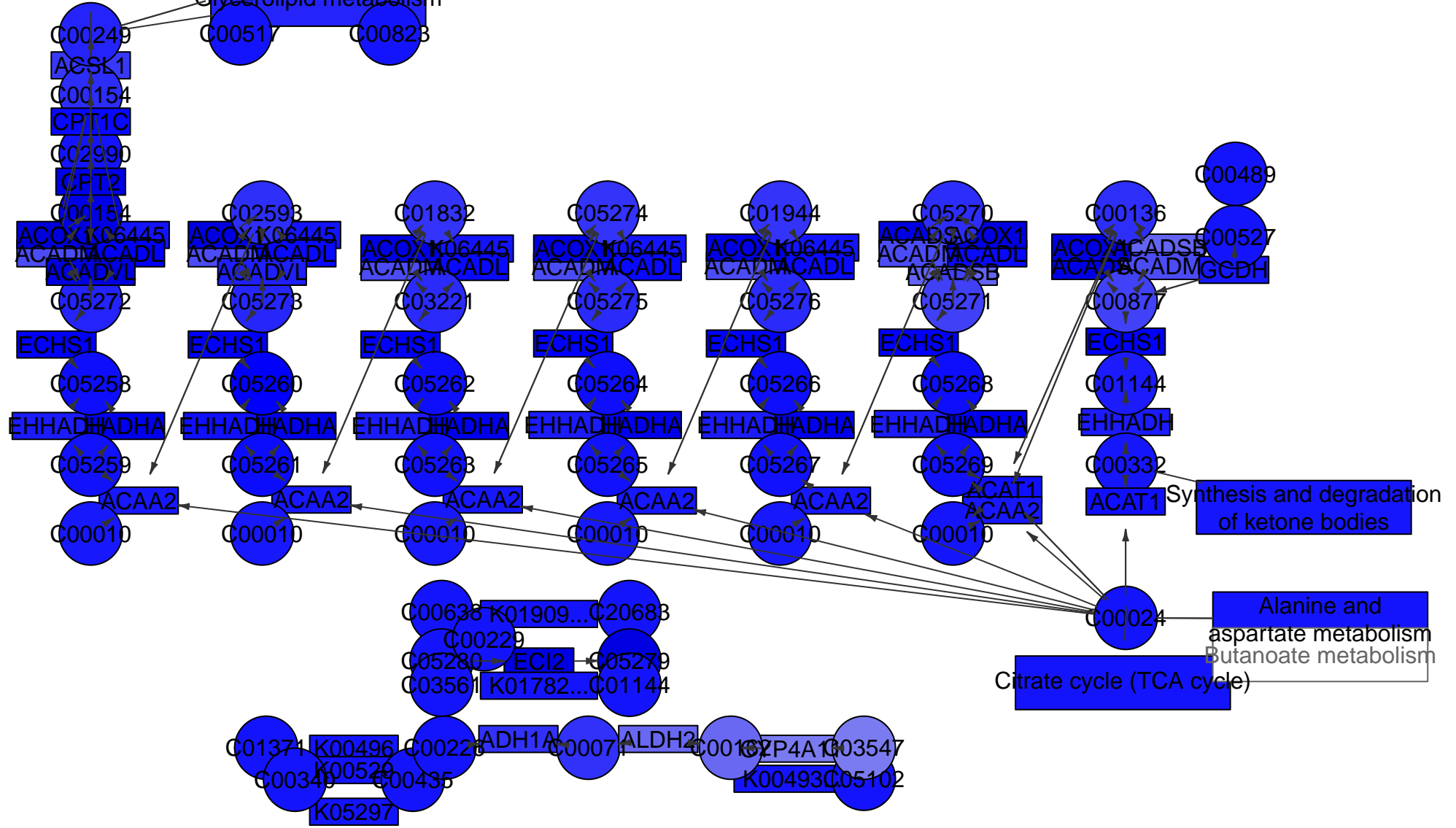
Fatty acid degradation
MPI-161

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



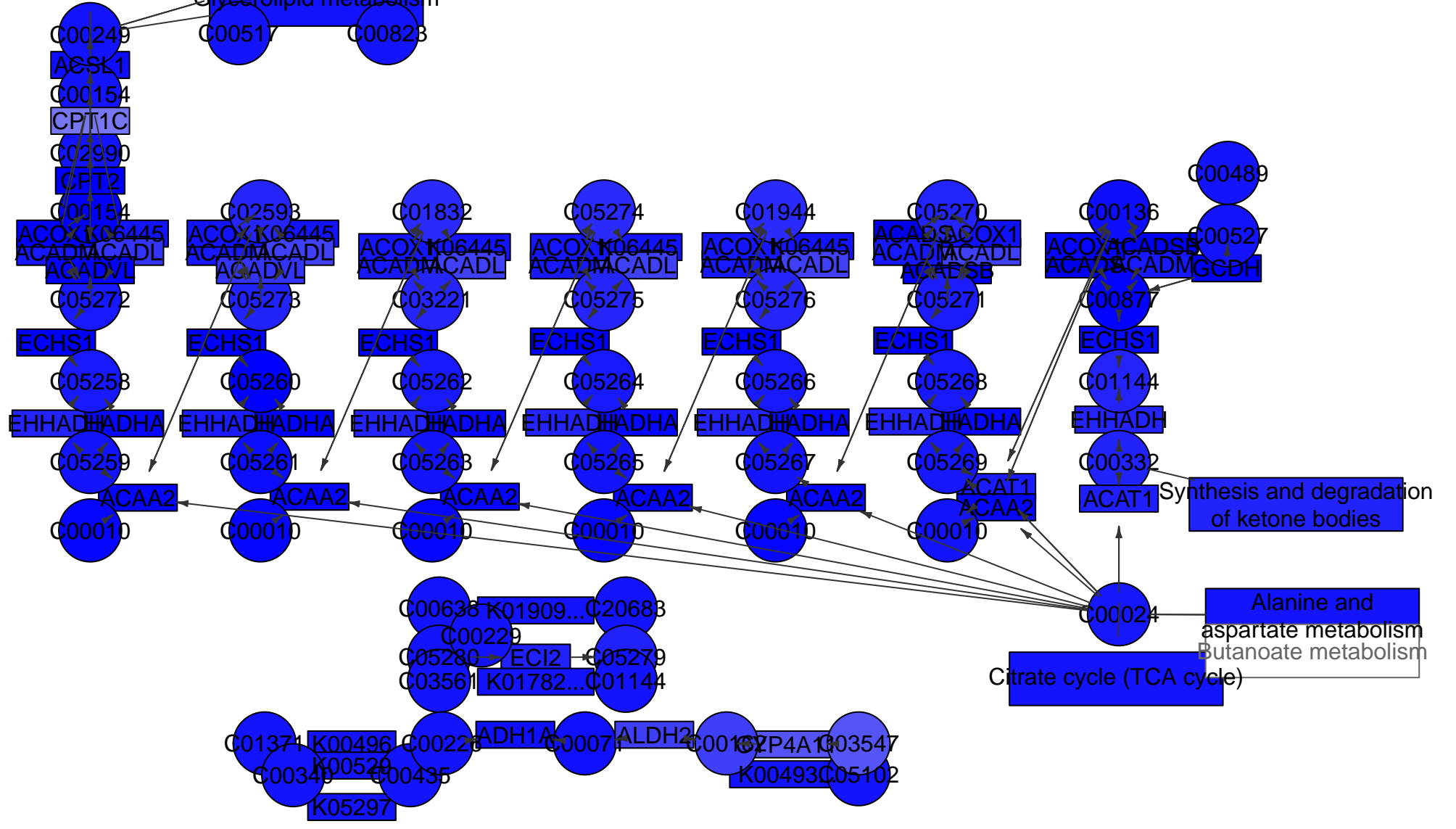
Fatty acid degradation
MPI-162

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



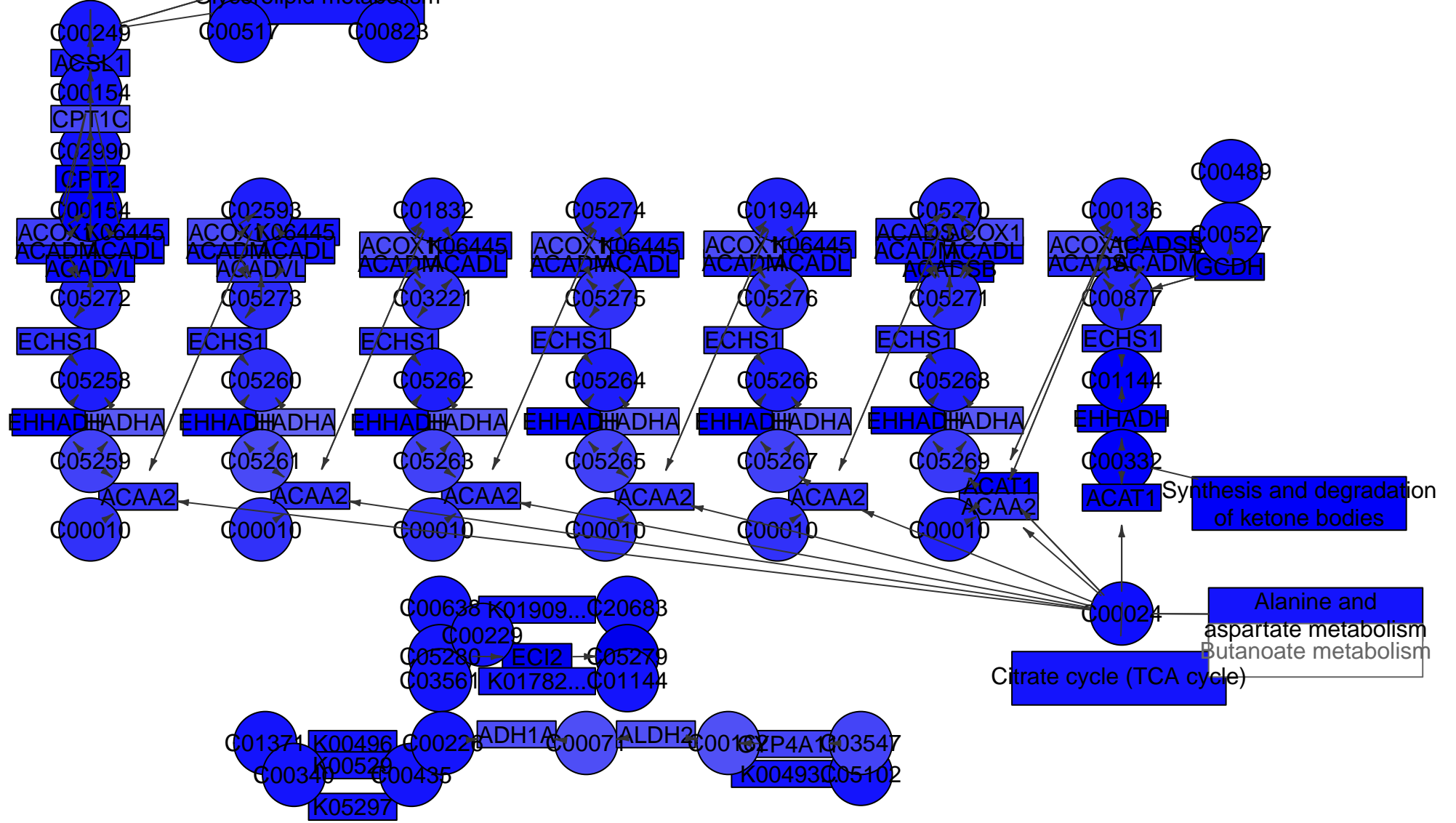
Fatty acid degradation
MPI-165

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



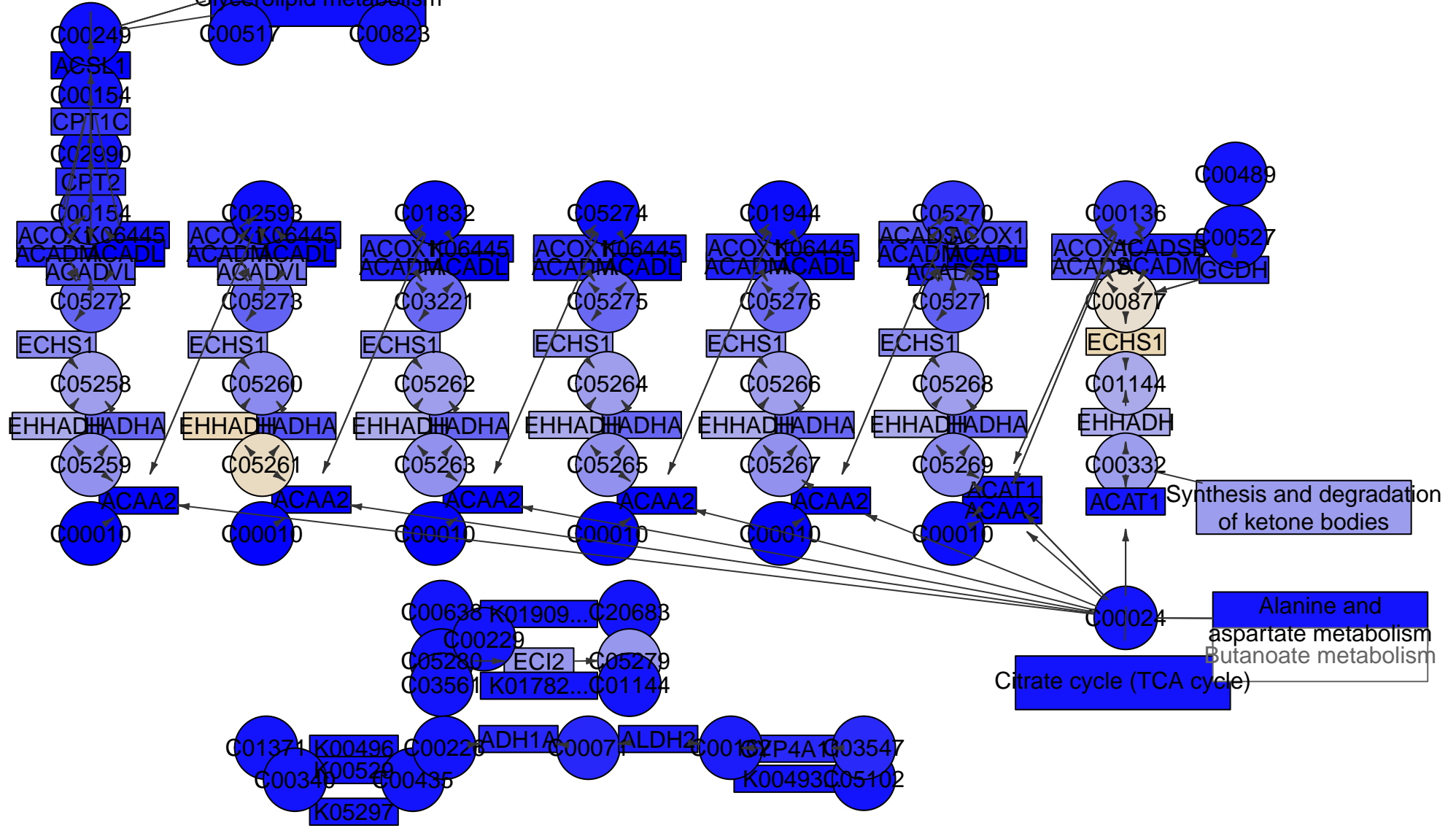
Fatty acid degradation
MPI-169

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



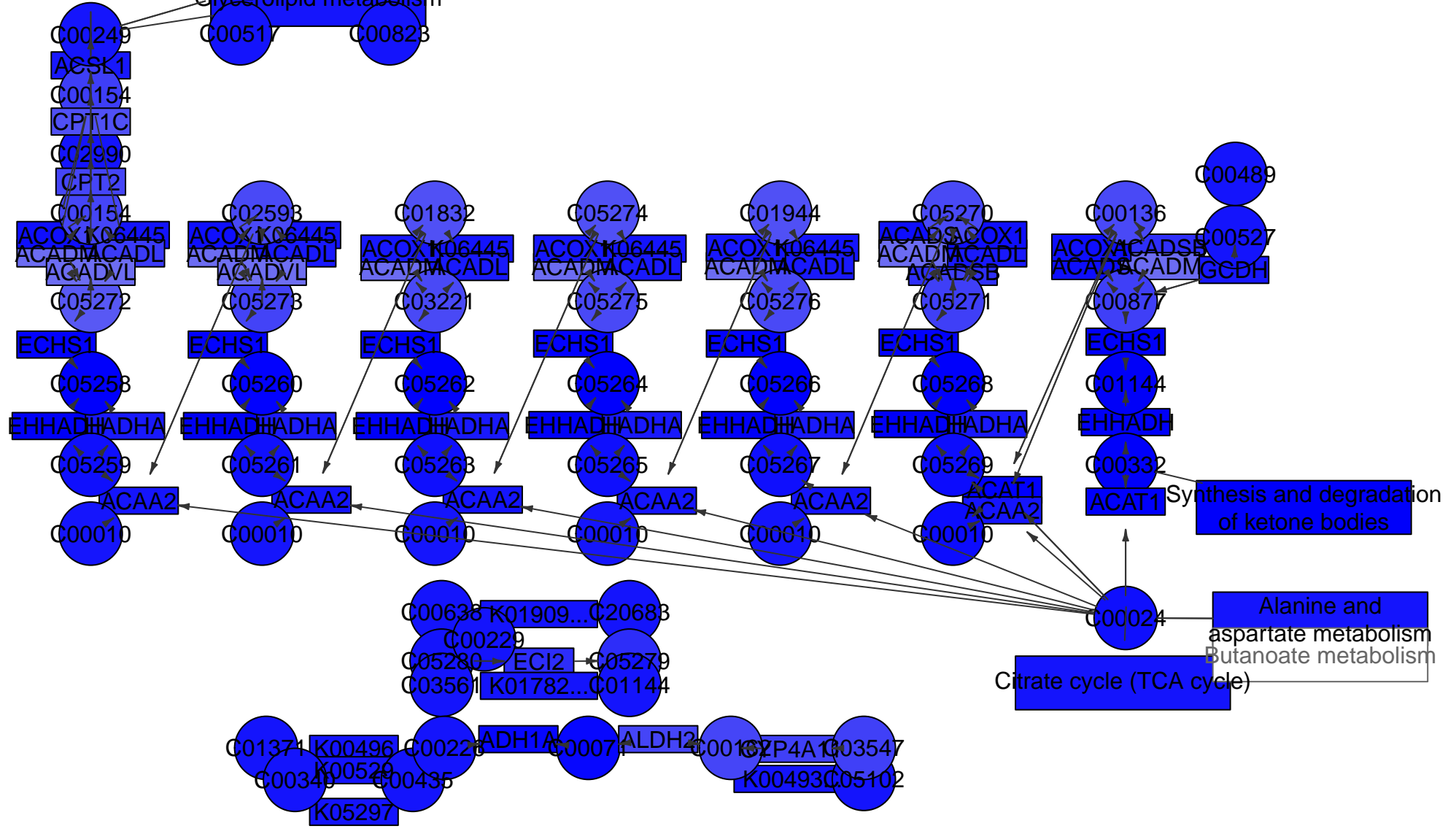
Fatty acid degradation
MPI-175

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



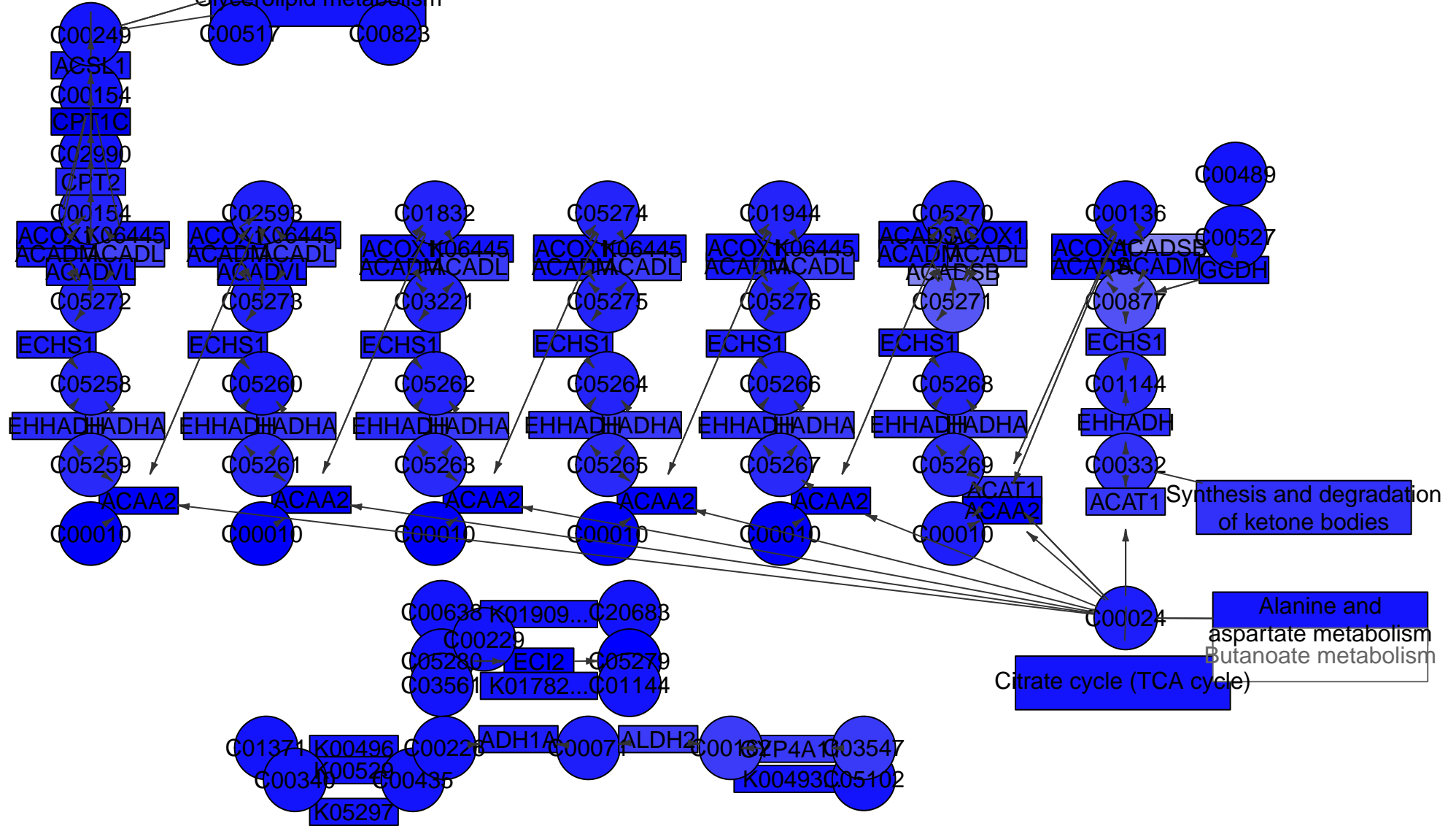
Fatty acid degradation
MPI-187

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



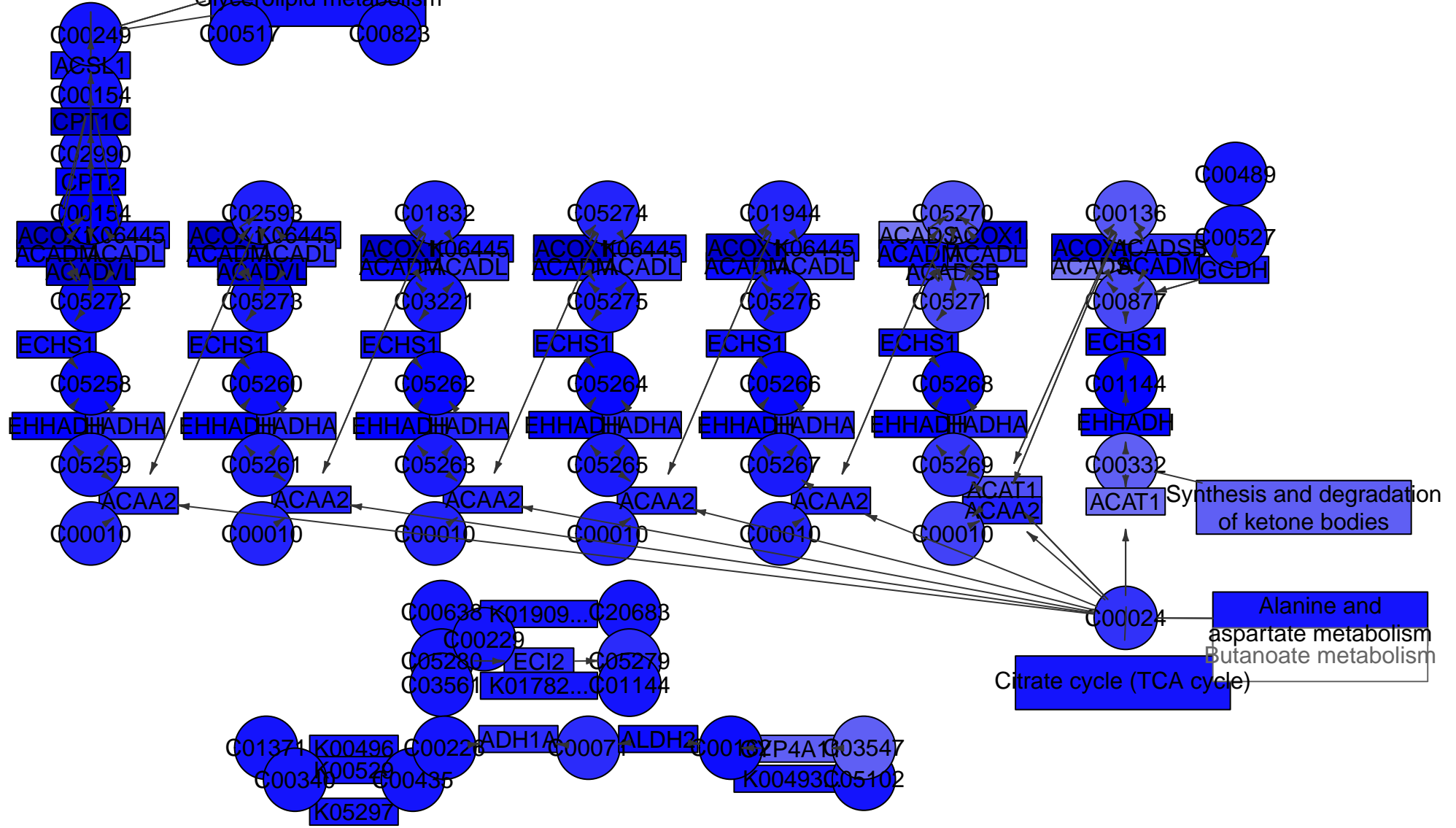
Fatty acid degradation
MPI-193

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



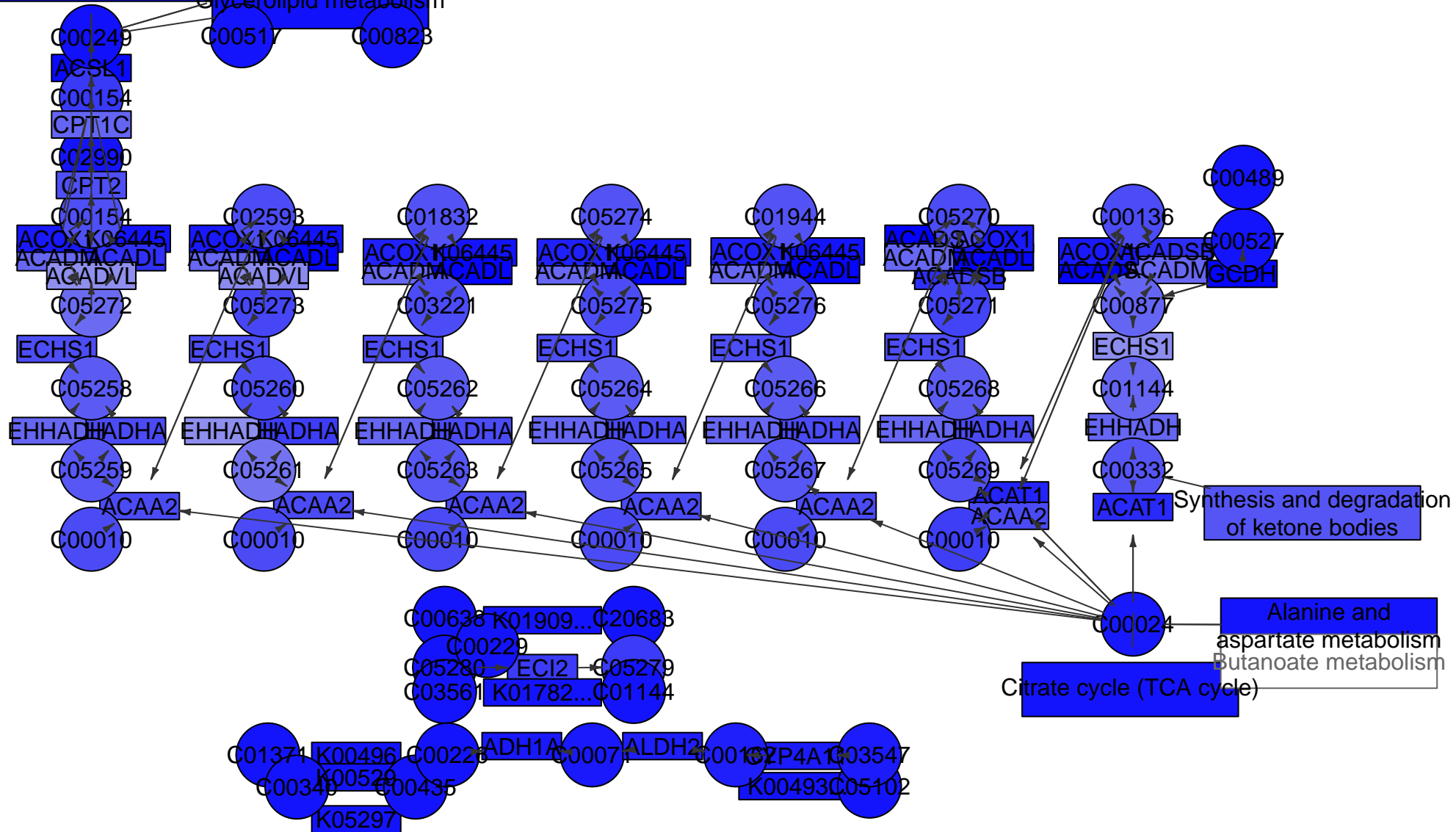
Fatty acid degradation
MPI-216

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



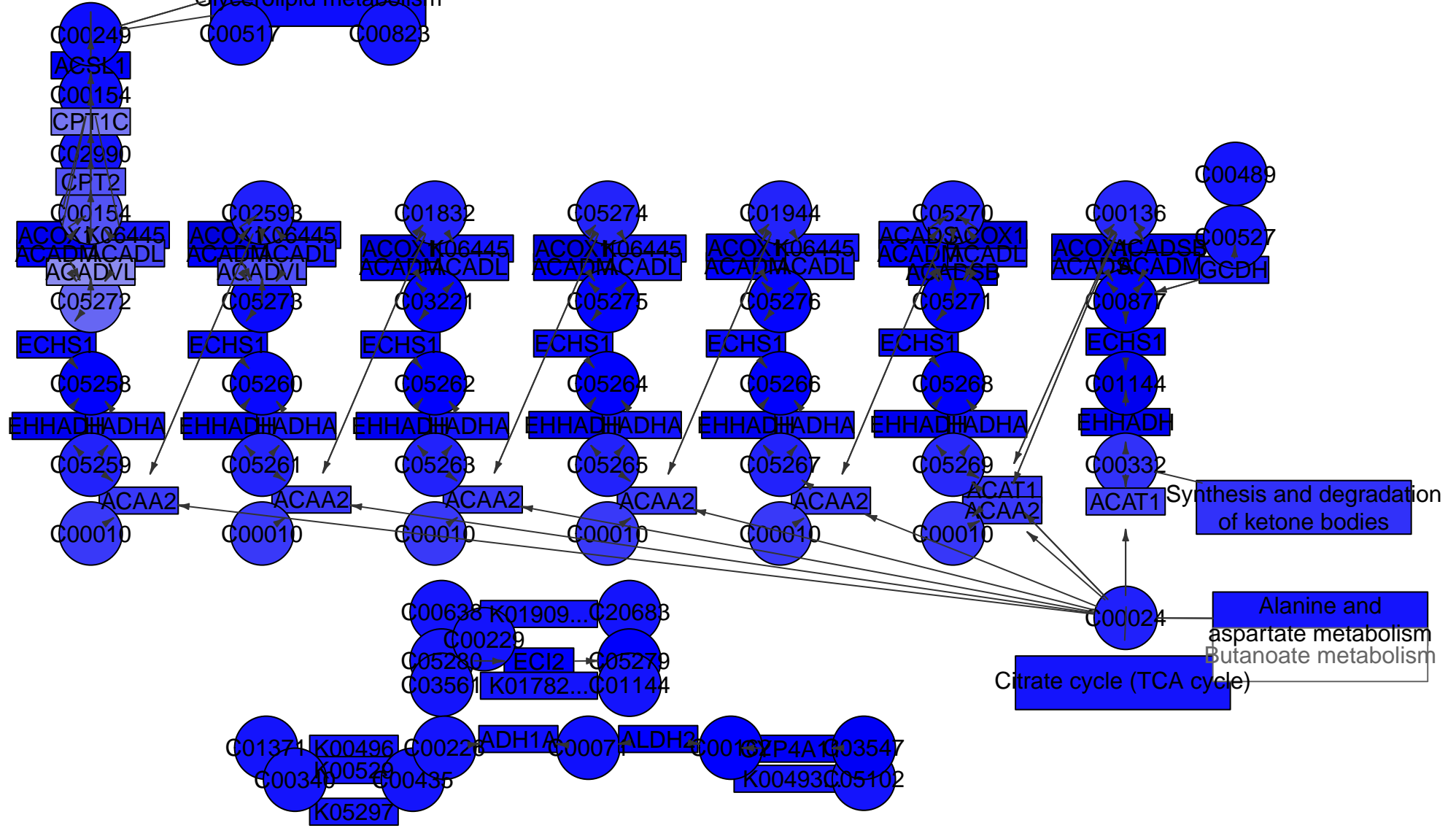
Fatty acid degradation
MPI-222

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



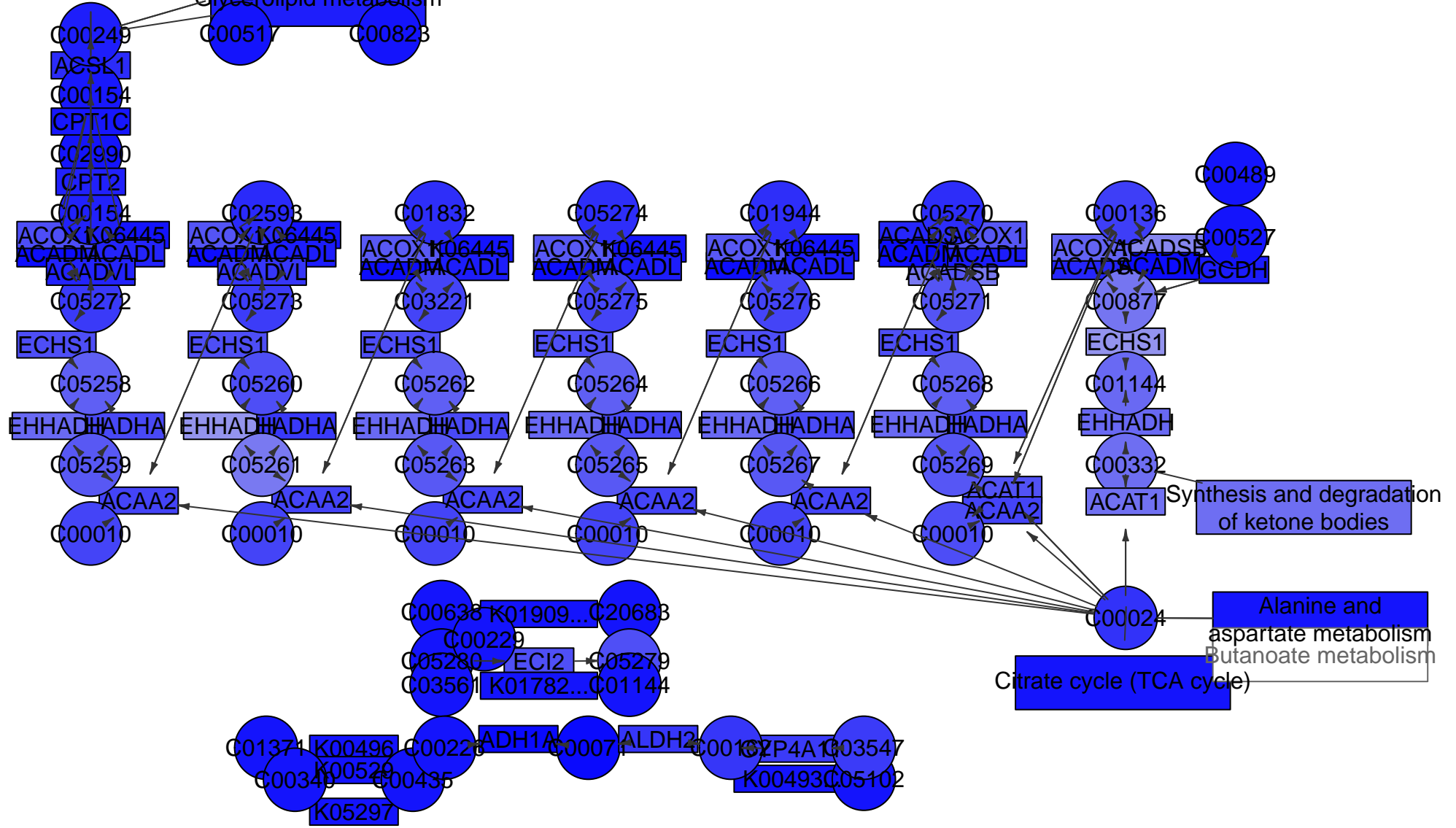
Fatty acid degradation
MPI-225

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



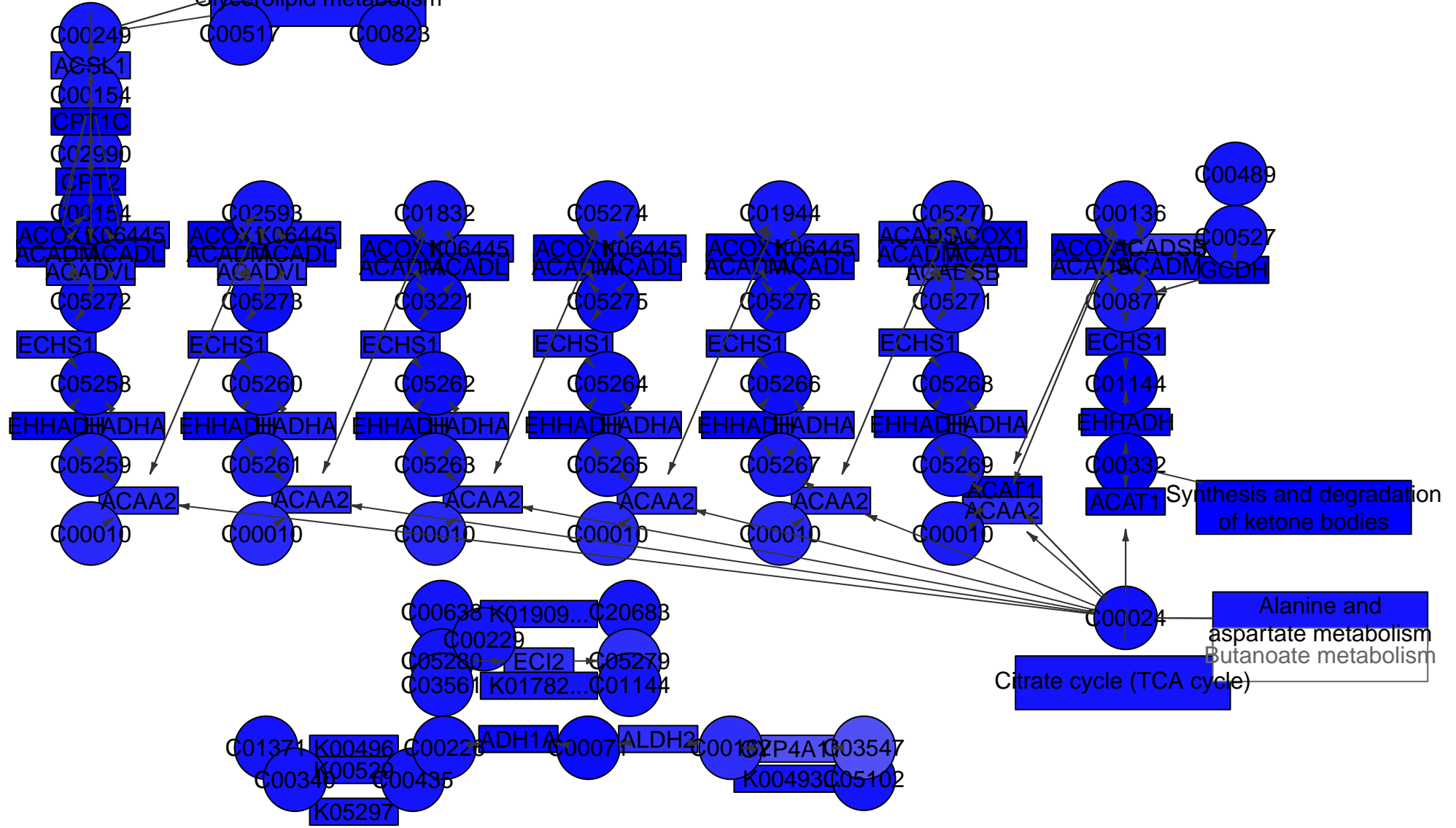
Fatty acid degradation
MPI-242

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



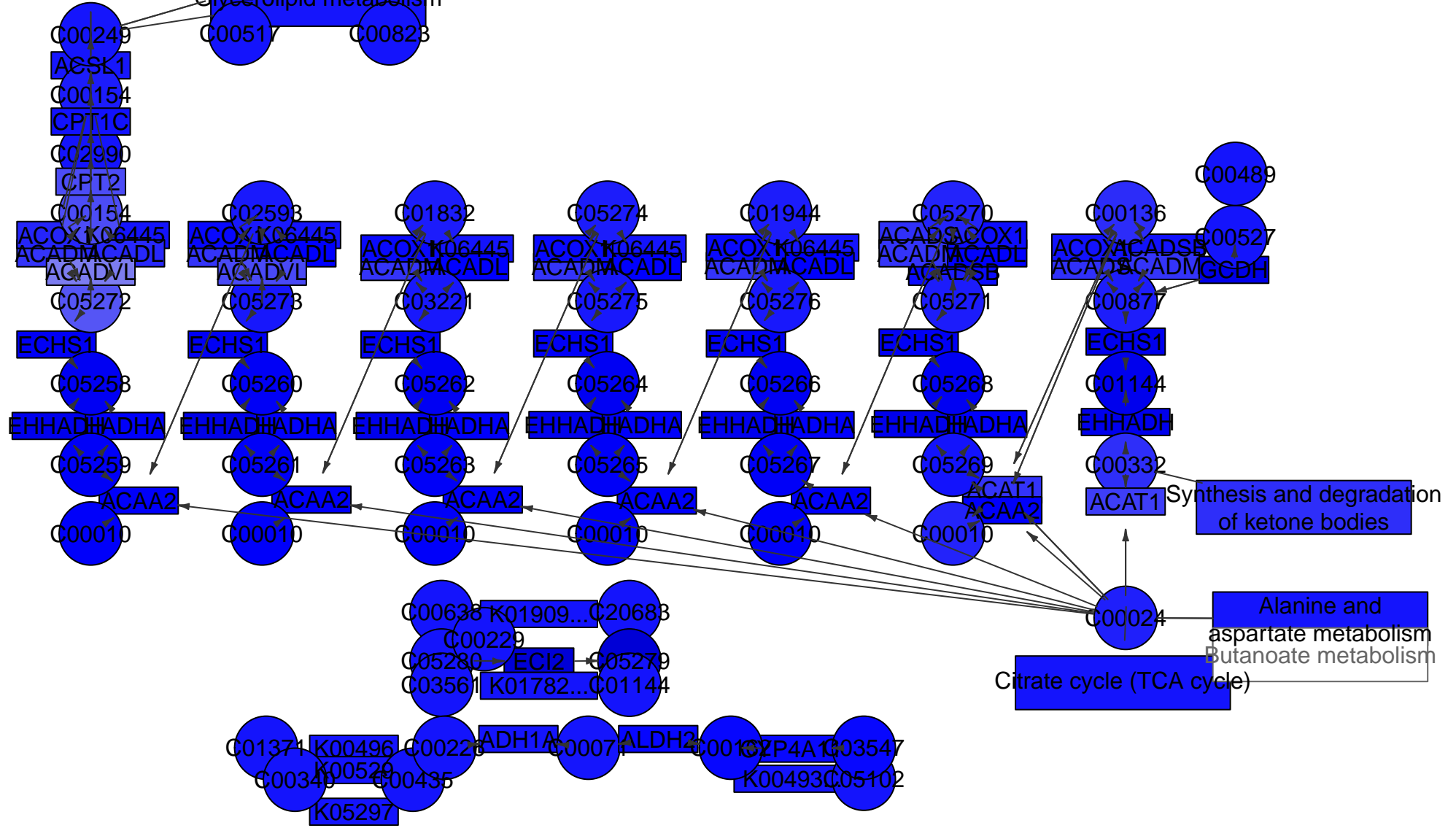
Fatty acid degradation
MPI-245

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



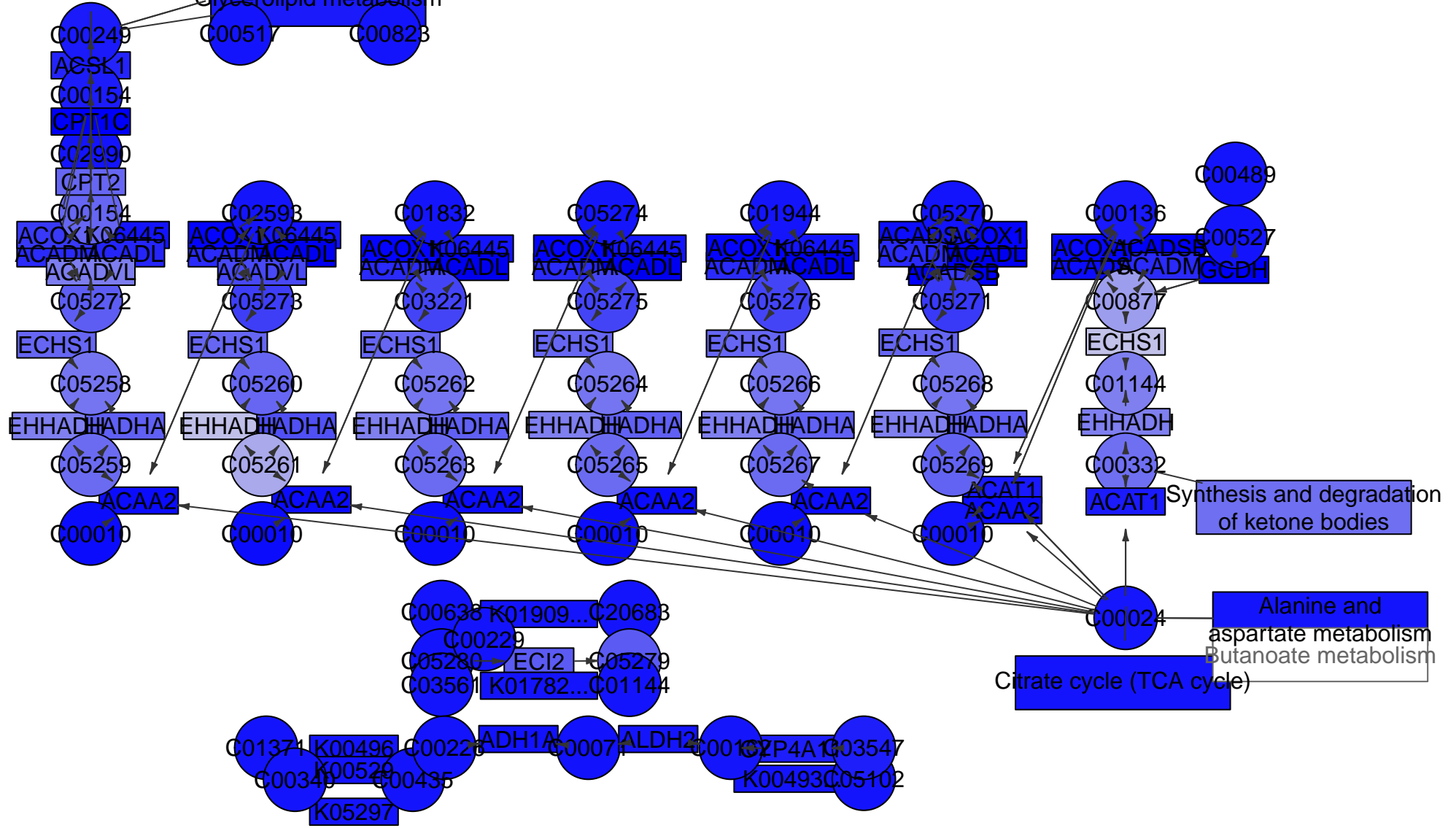
Fatty acid degradation
MPI-248

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



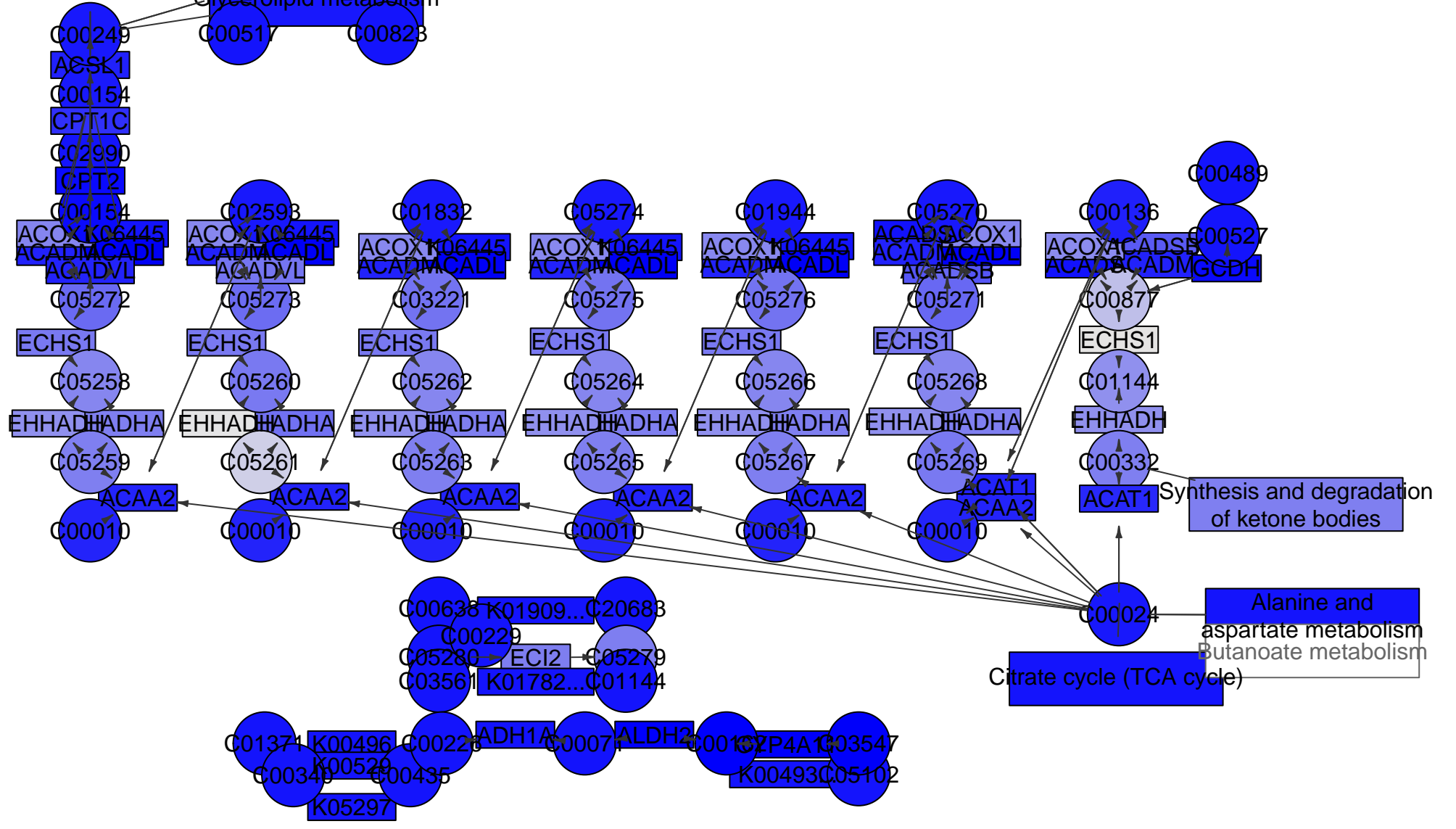
Fatty acid degradation
MPI-249

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



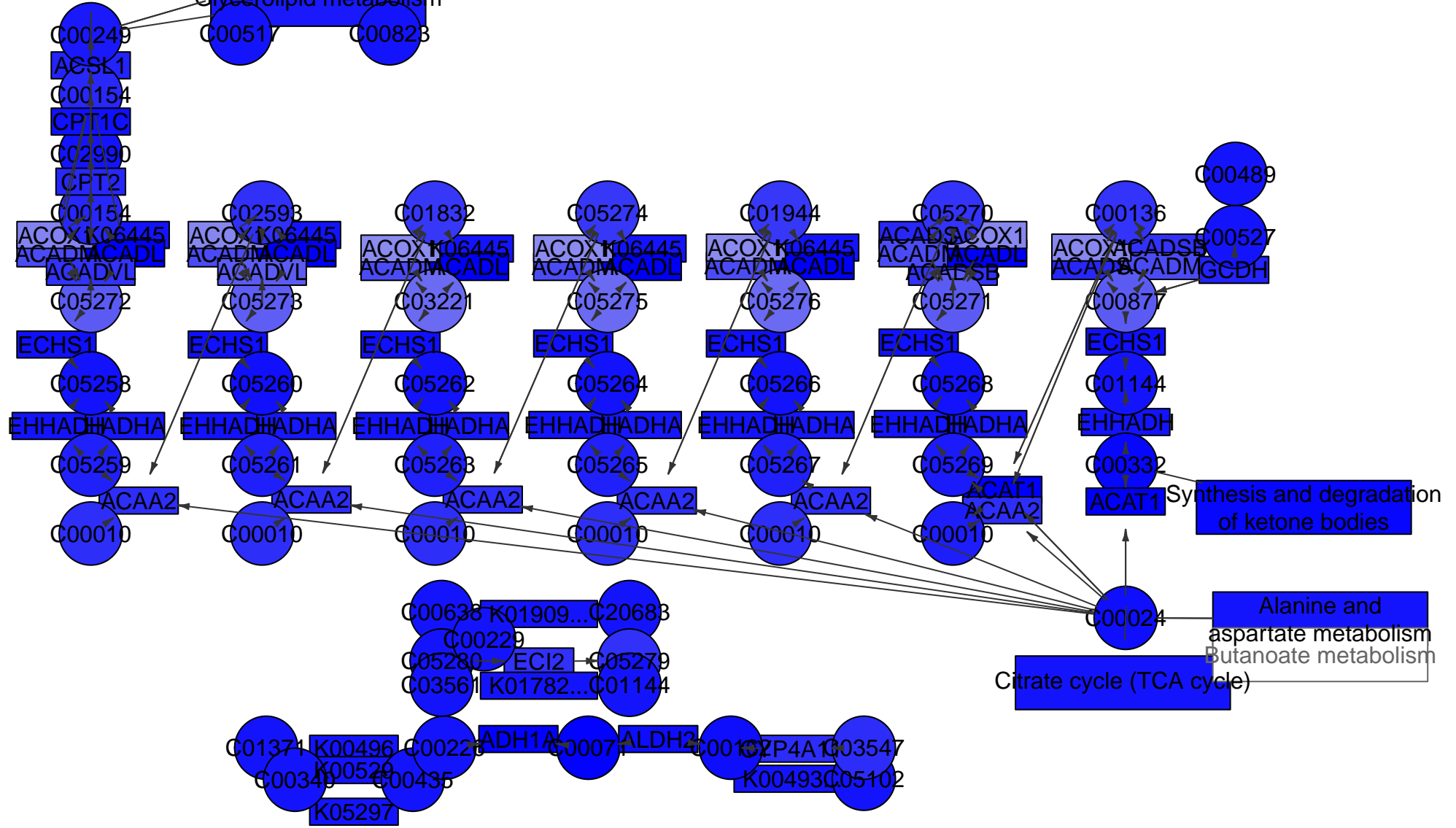
Fatty acid degradation
MPI-250

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-008

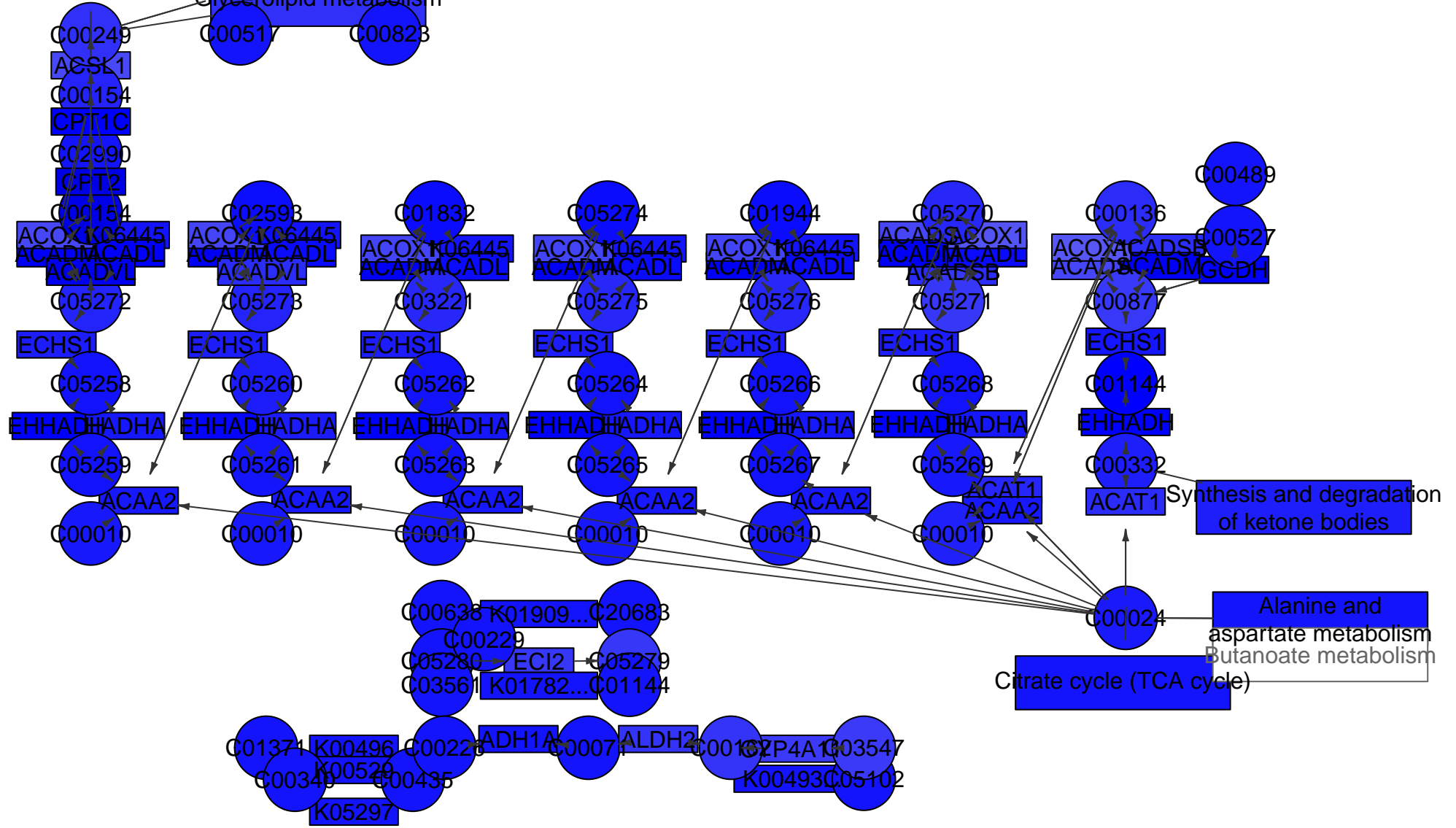
Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Citrate cycle (TCA cycle)
Alanine and aspartate metabolism
Butanoate metabolism
Synthesis and degradation of ketone bodies

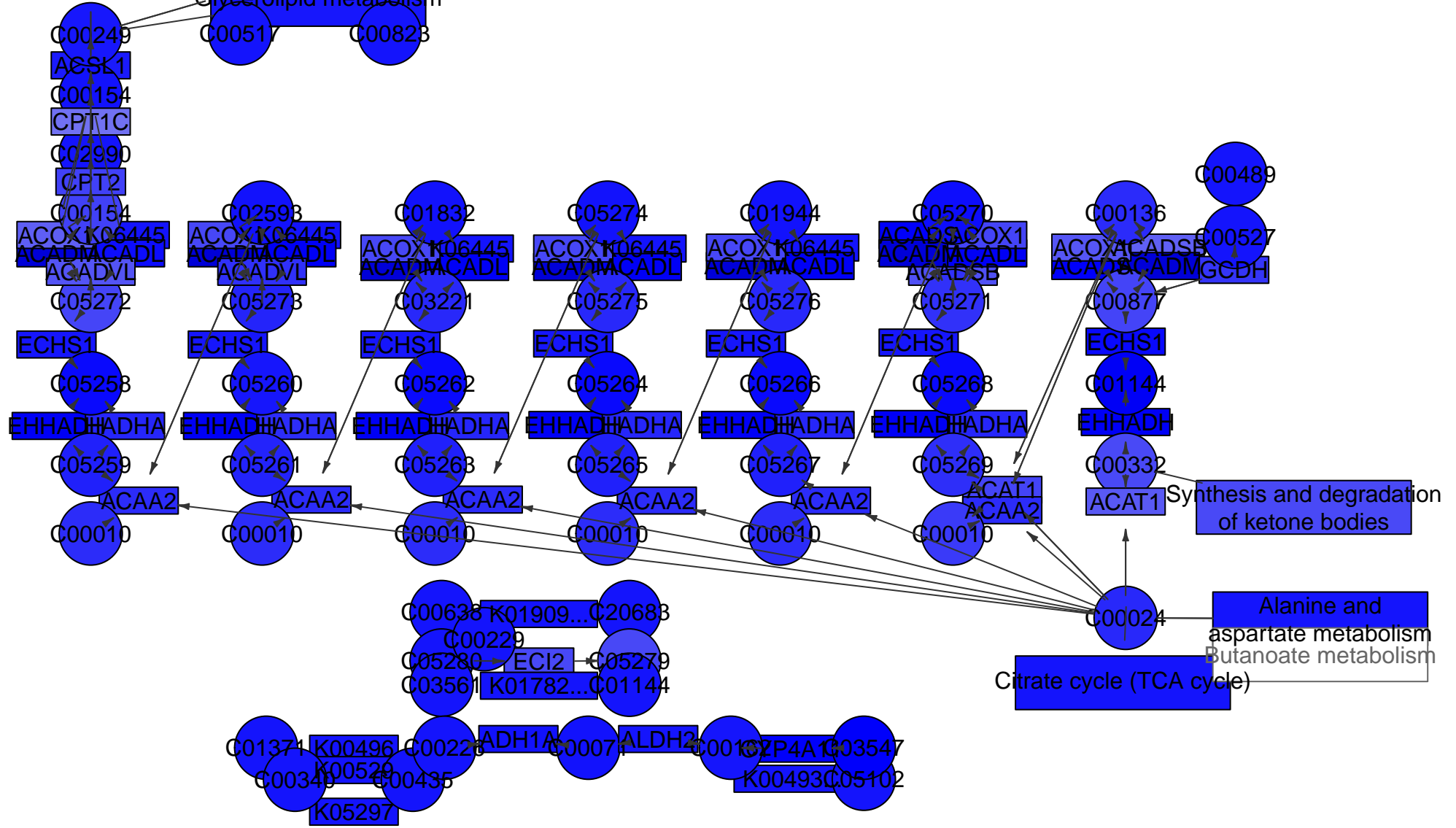
Fatty acid degradation
MPI-009

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



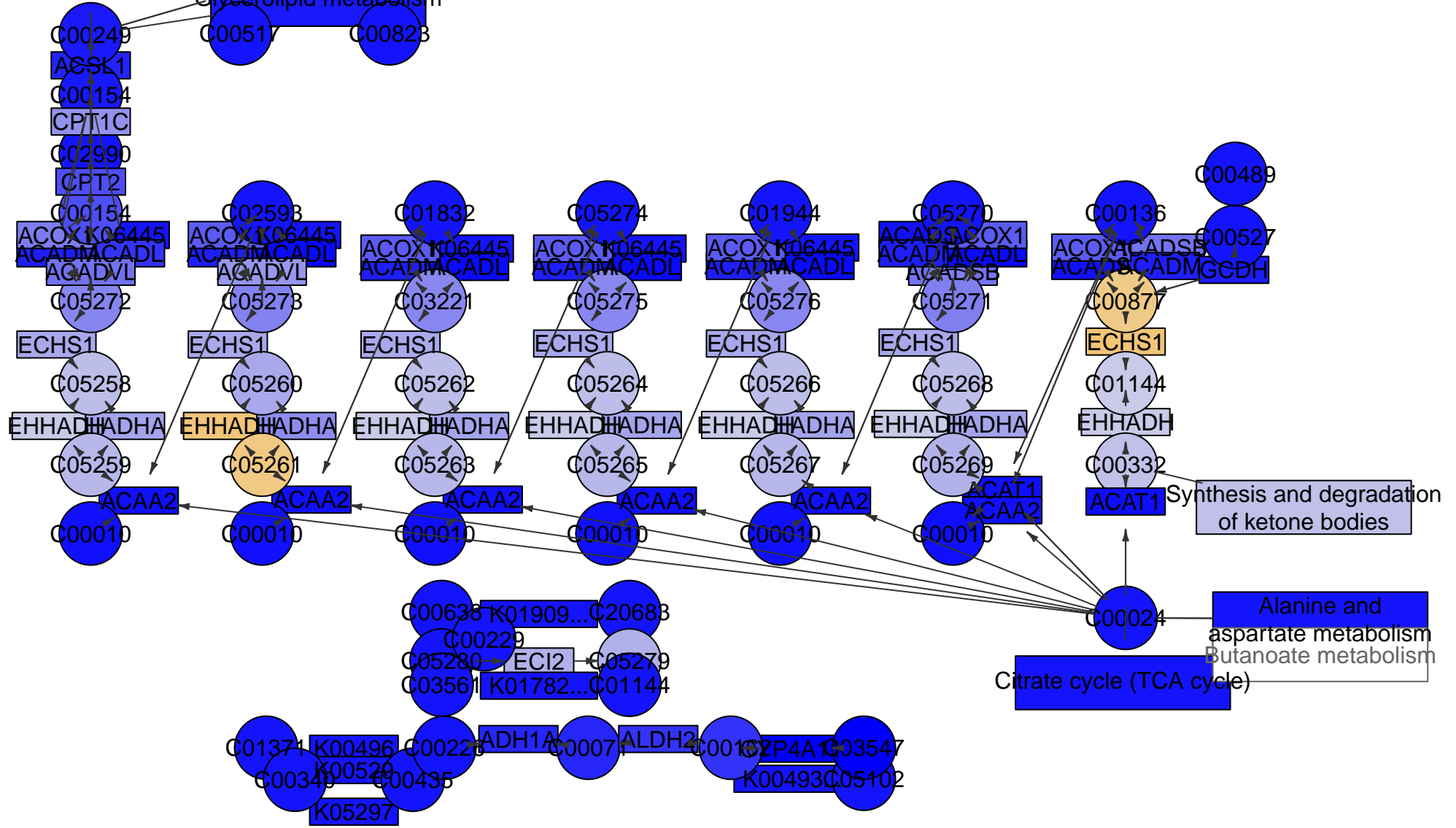
Fatty acid degradation
MPI-010

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



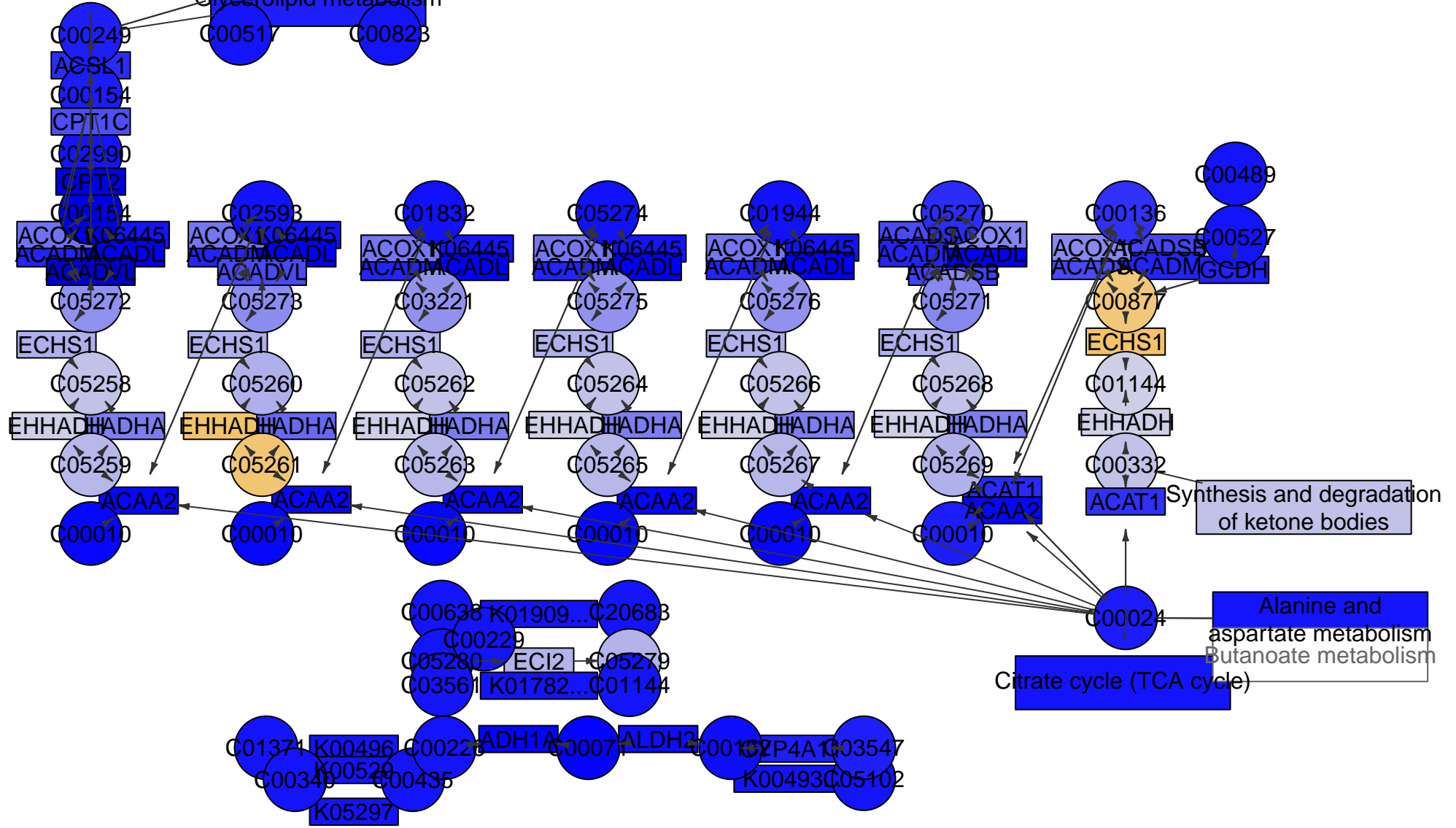
Fatty acid degradation
MPI-012

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



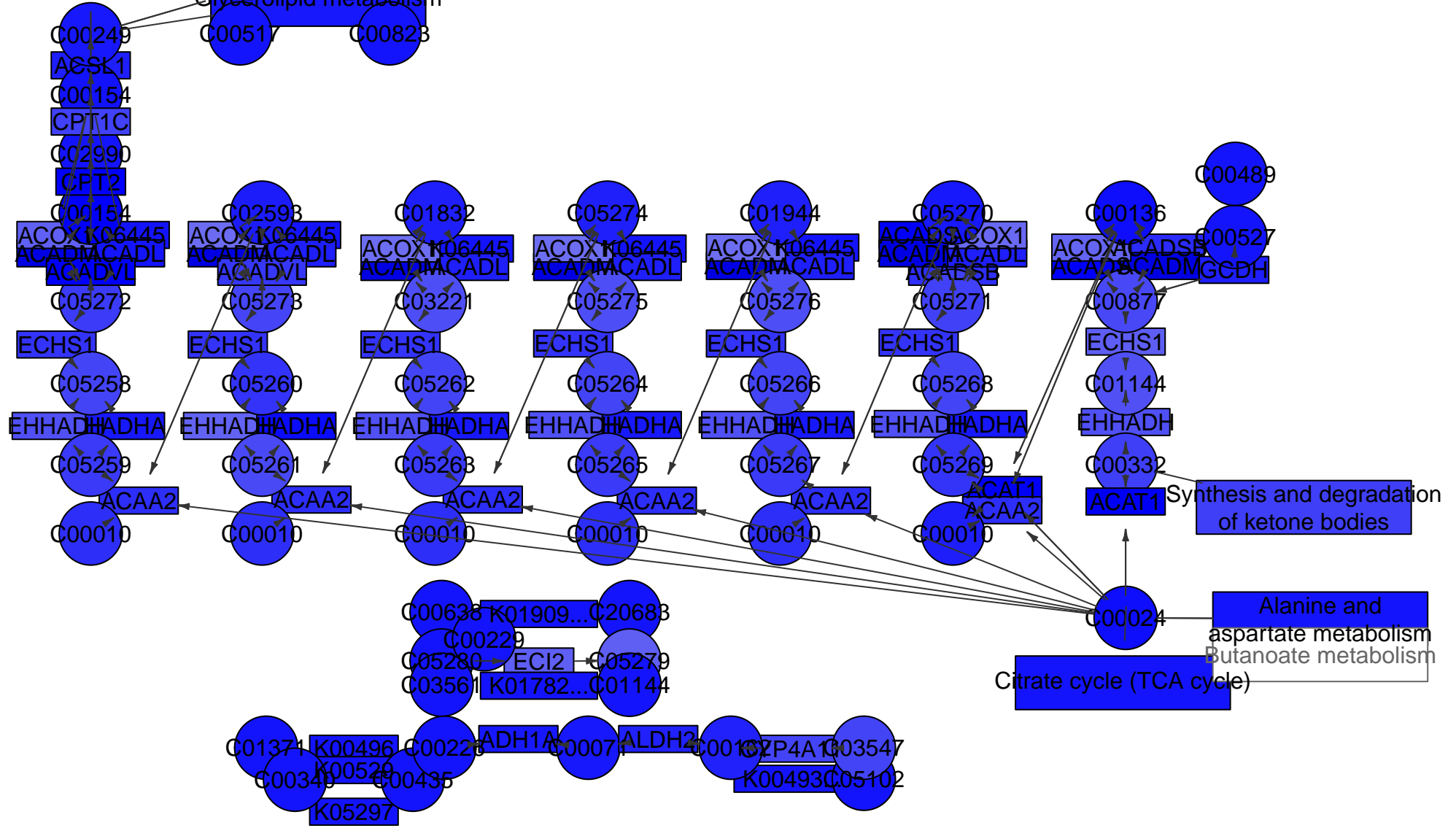
Fatty acid degradation
MPI-013

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



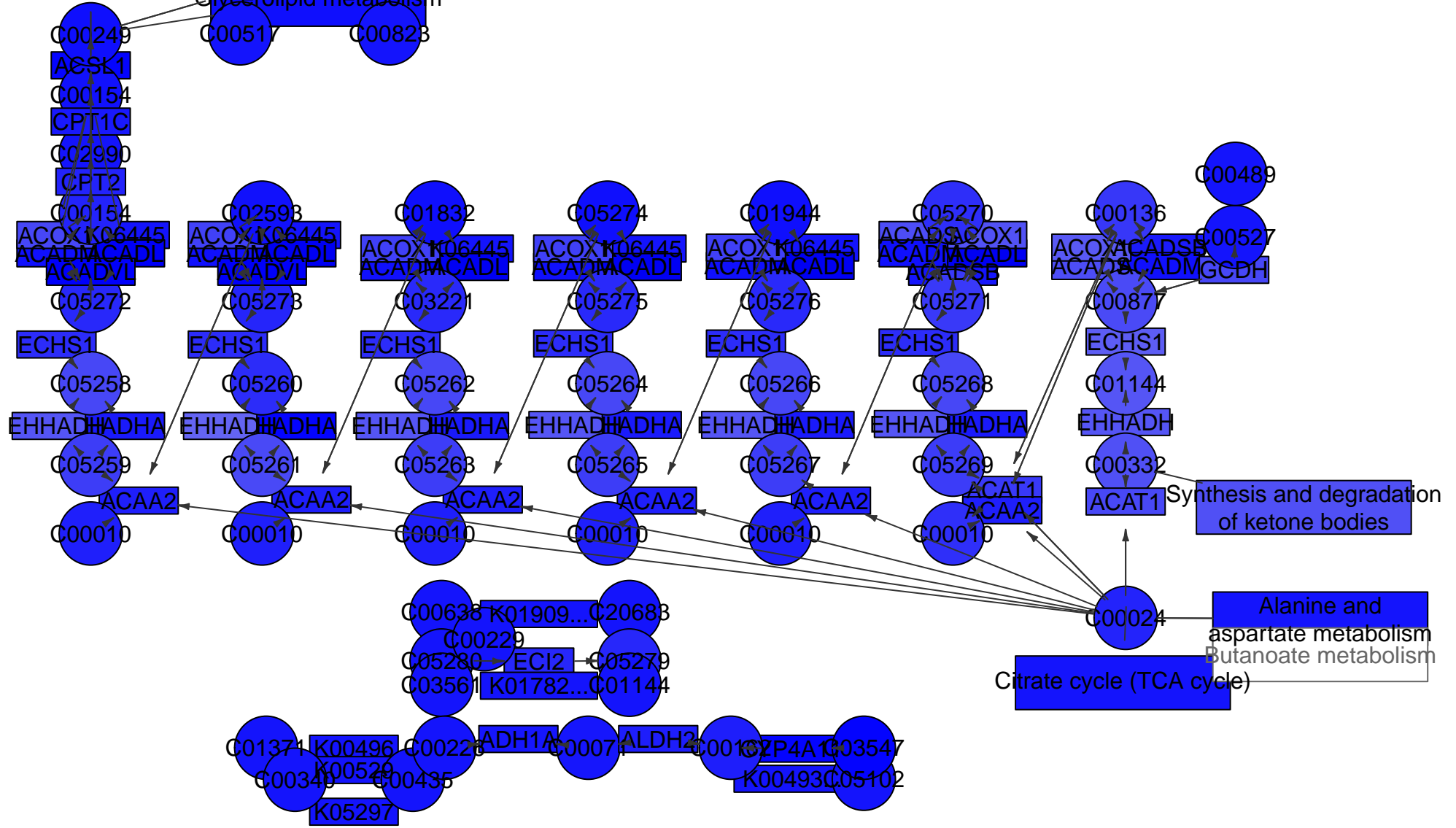
Fatty acid degradation
MPI-014

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



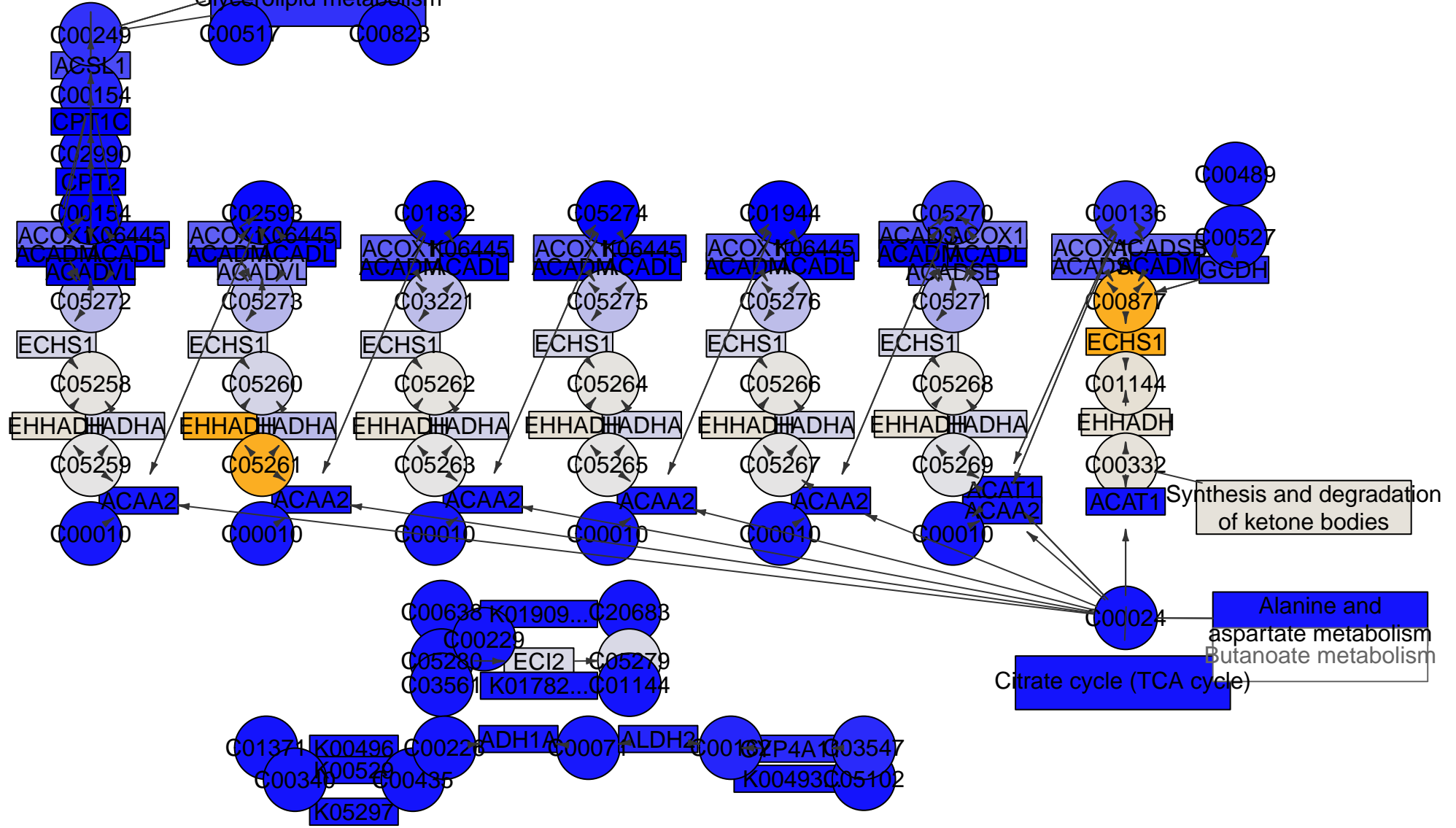
Fatty acid degradation
MPI-015

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



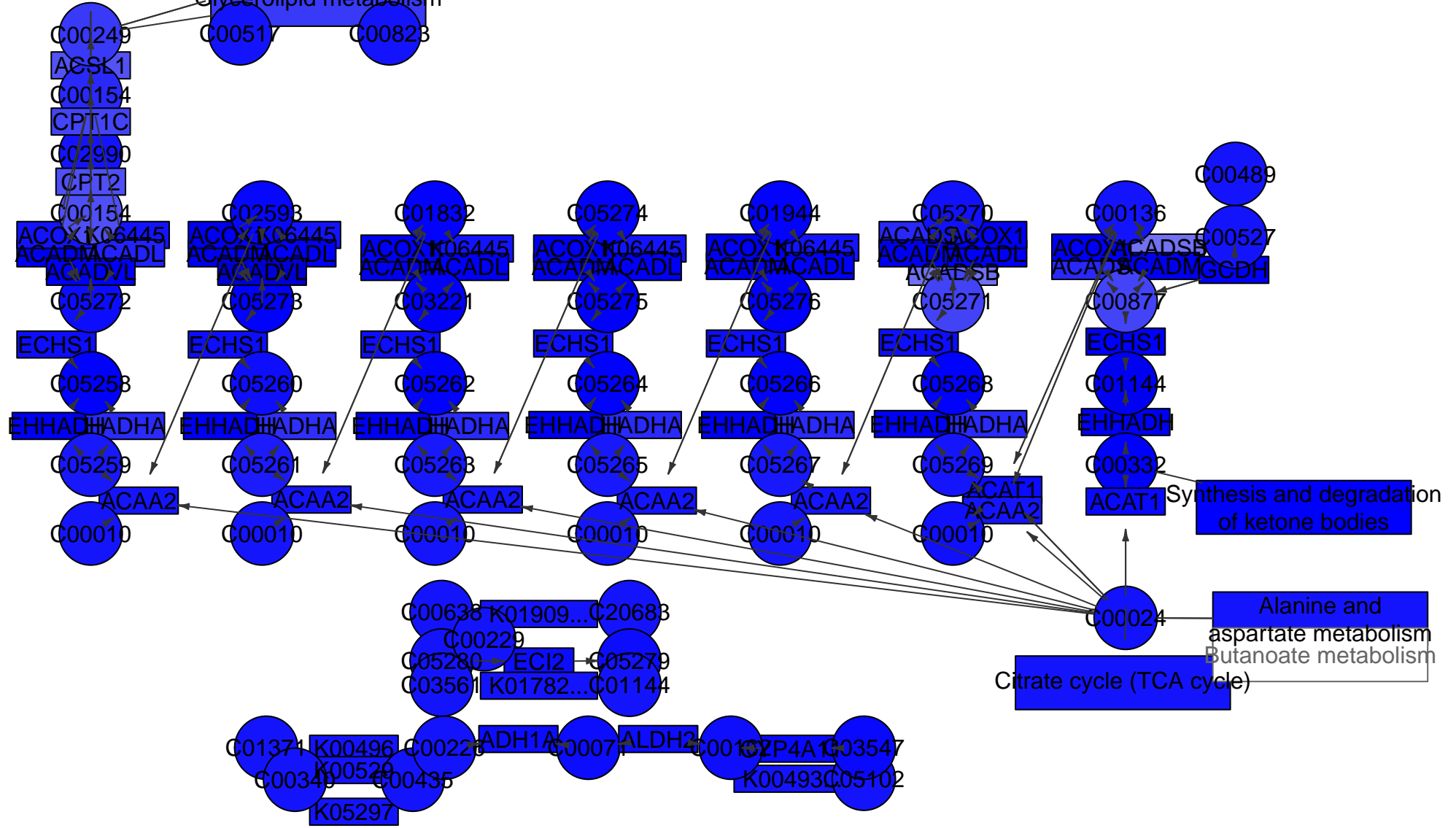
Fatty acid degradation
MPI-021

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



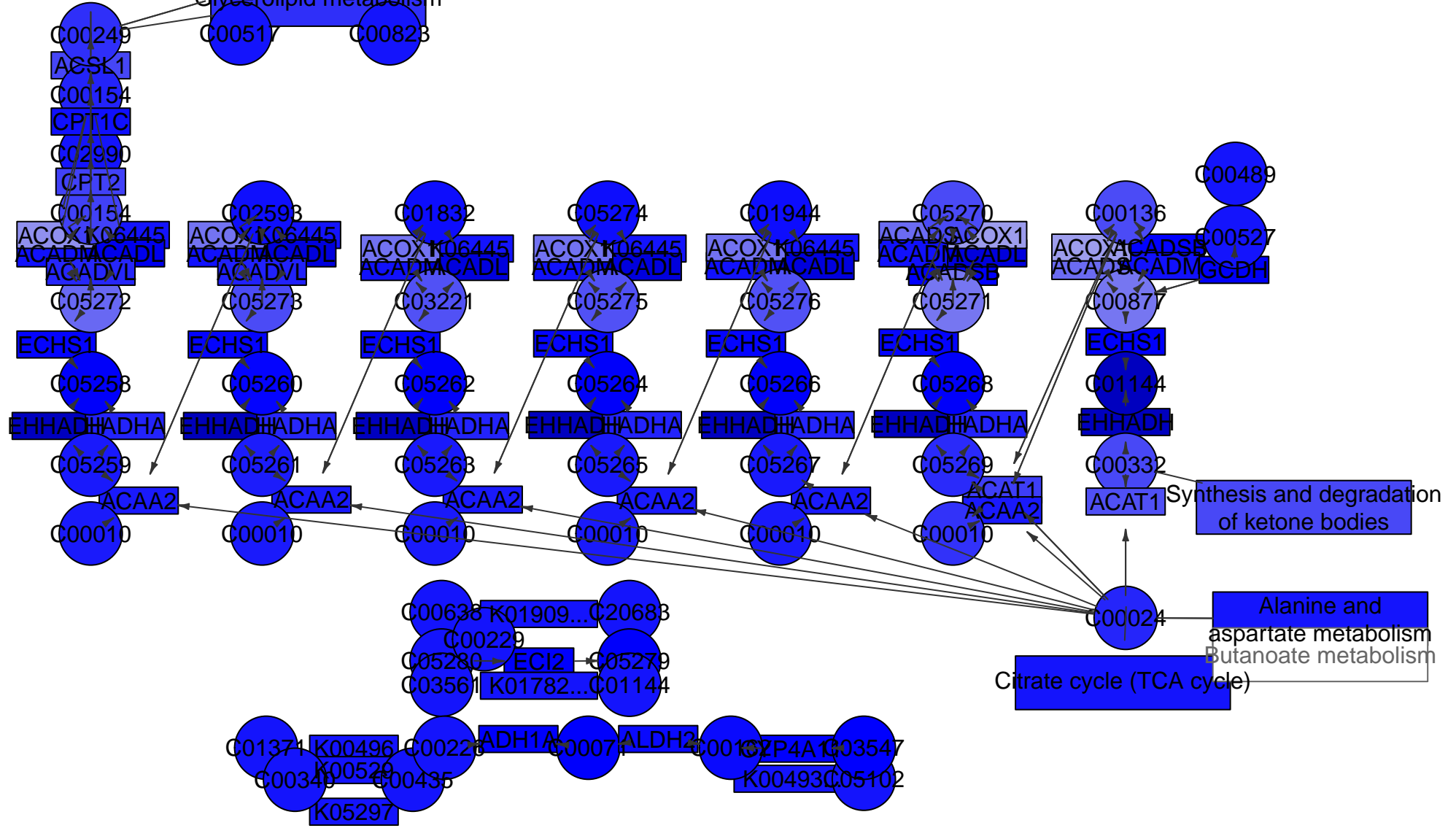
Fatty acid degradation
MPI-022

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



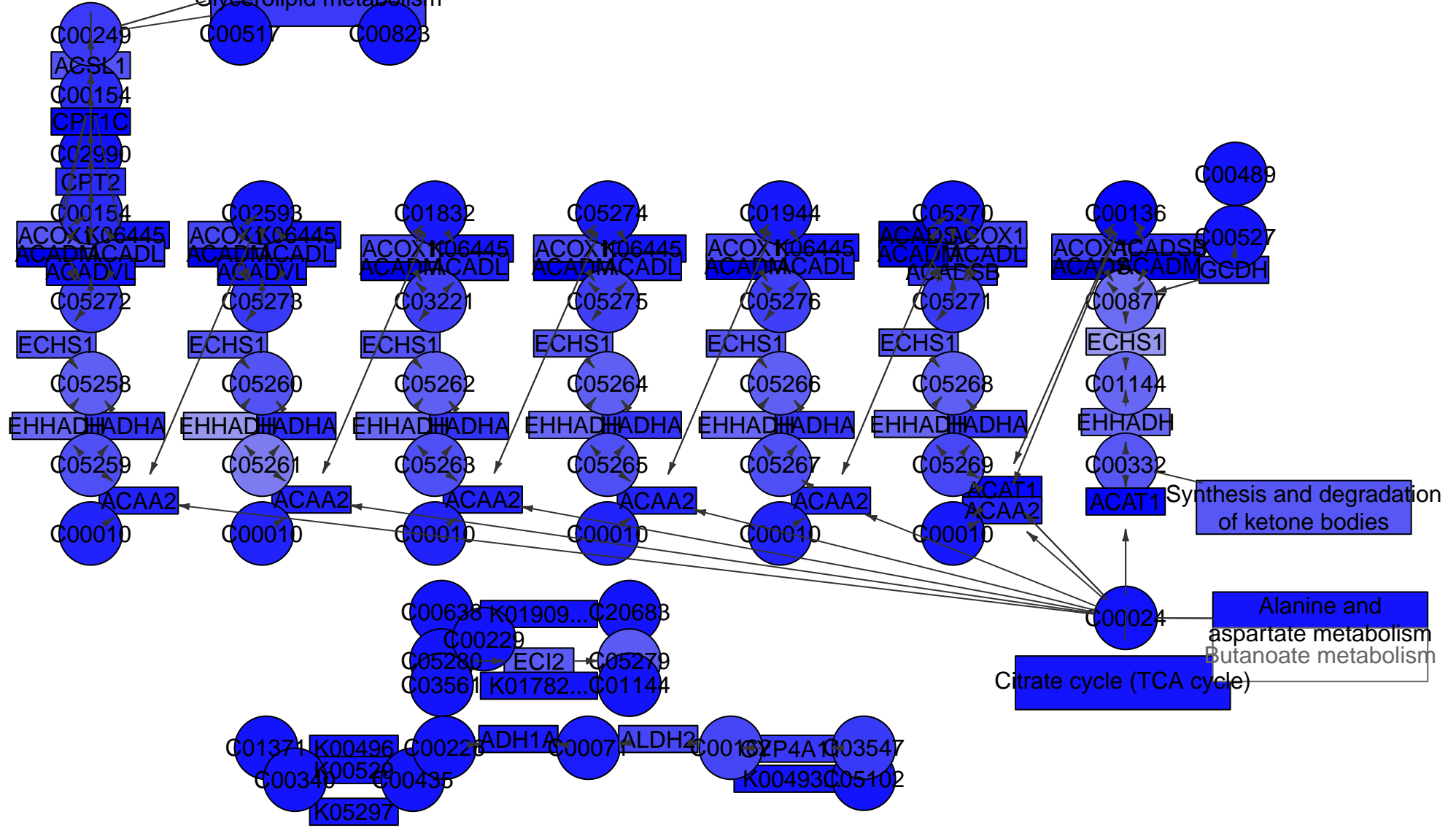
Fatty acid degradation
MPI-025

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



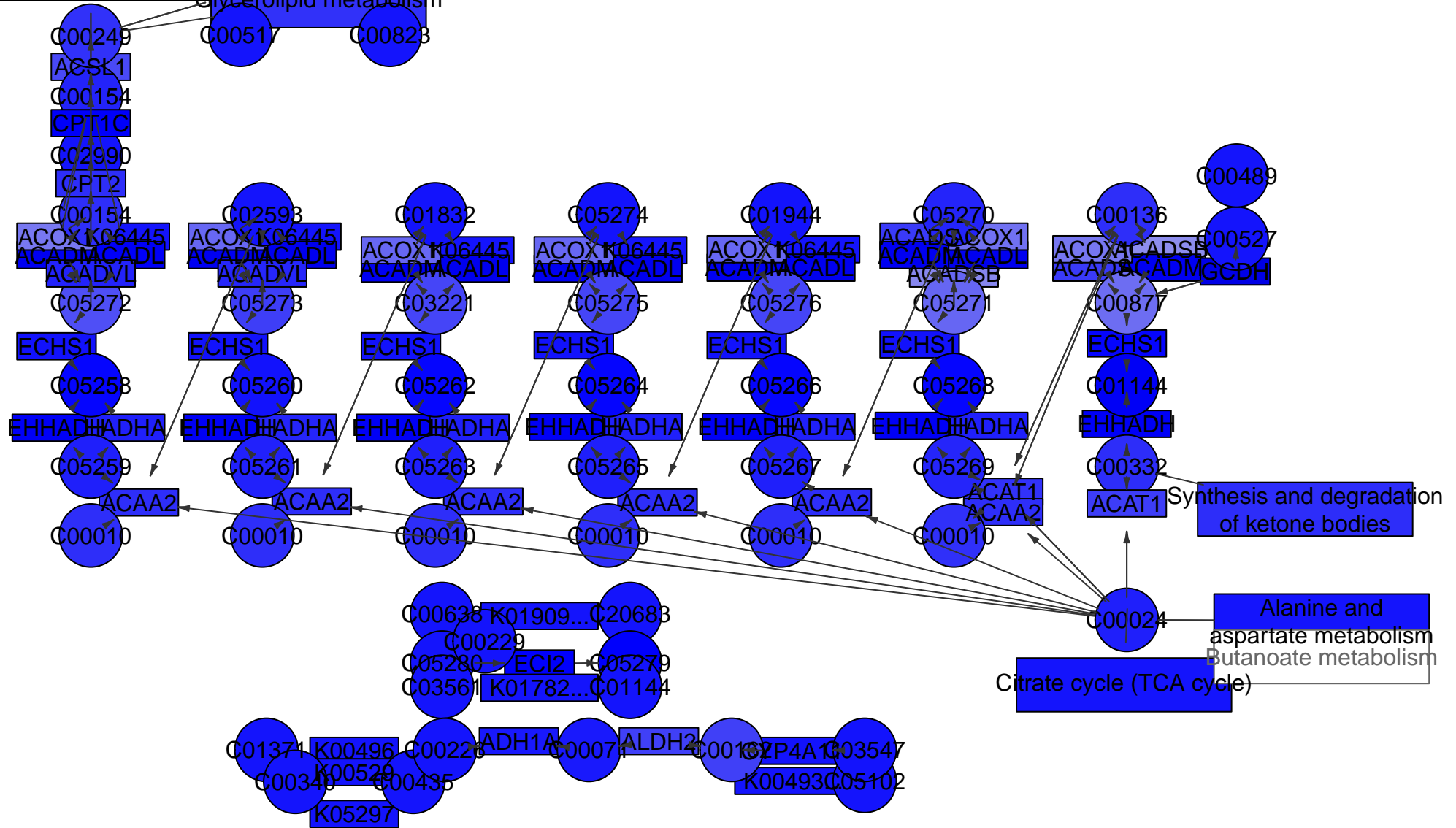
Fatty acid degradation
MPI-029

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



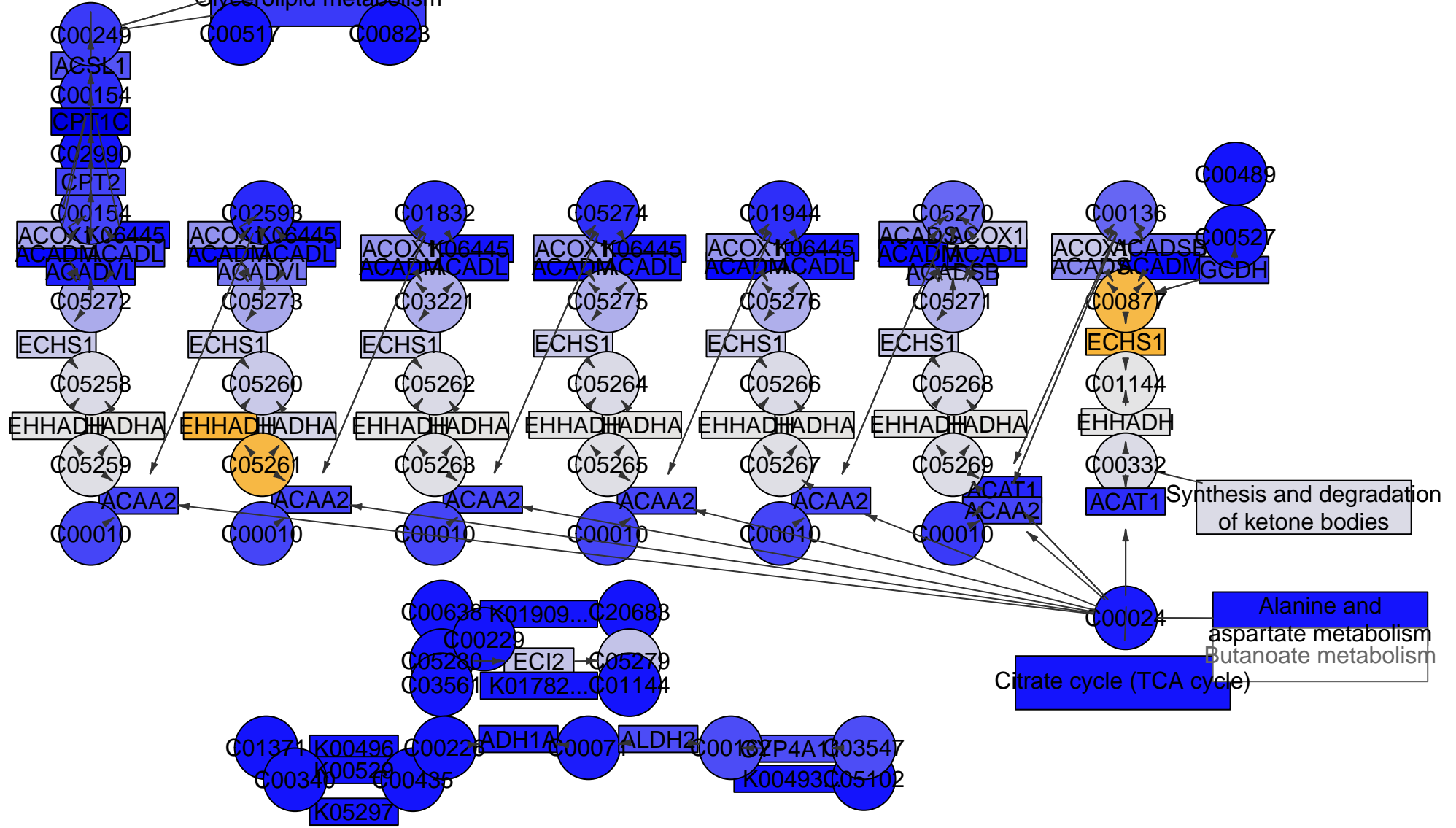
Fatty acid degradation
MPI-030

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



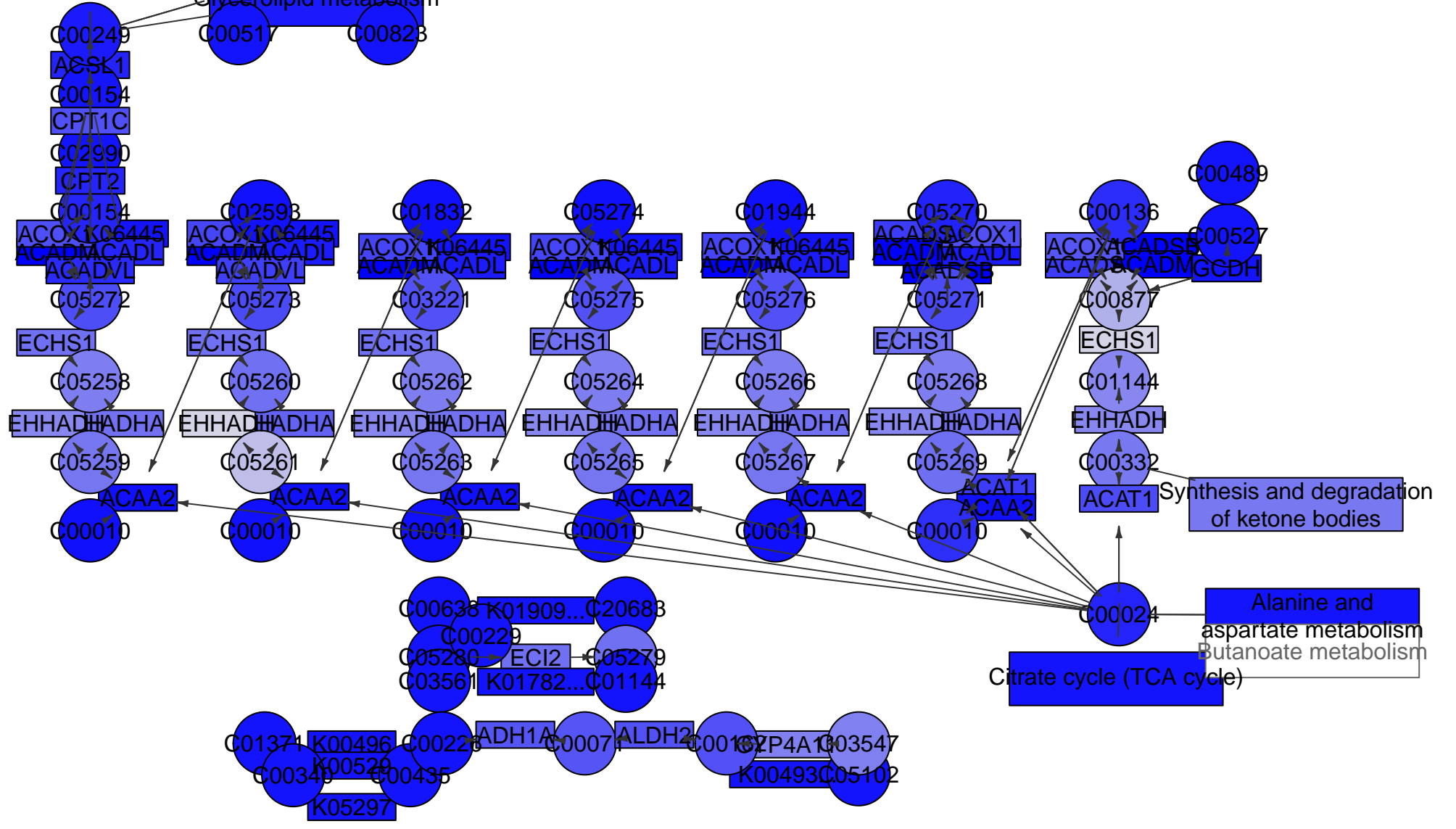
Fatty acid degradation
MPI-031

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



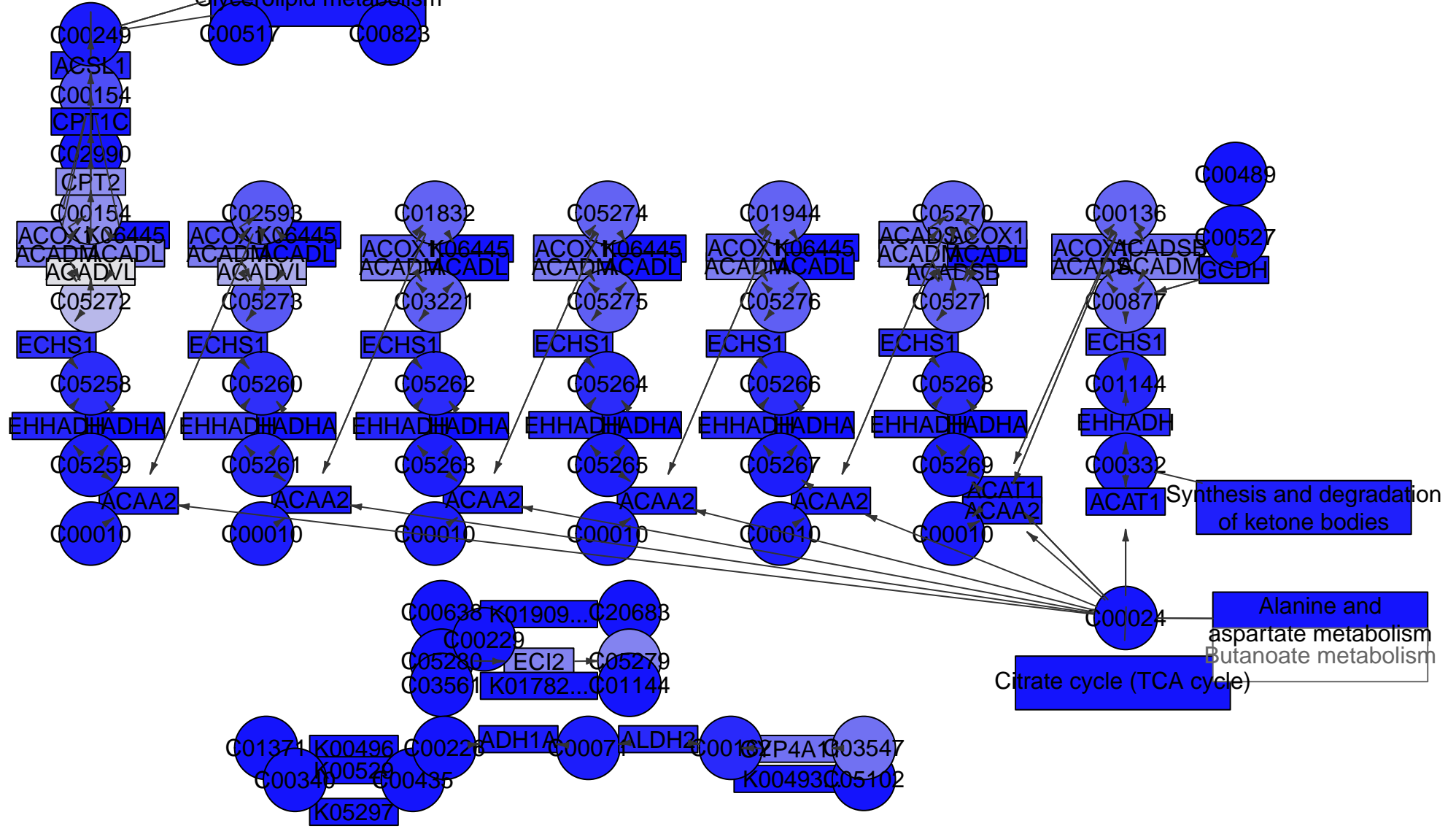
Fatty acid degradation
MPI-039

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



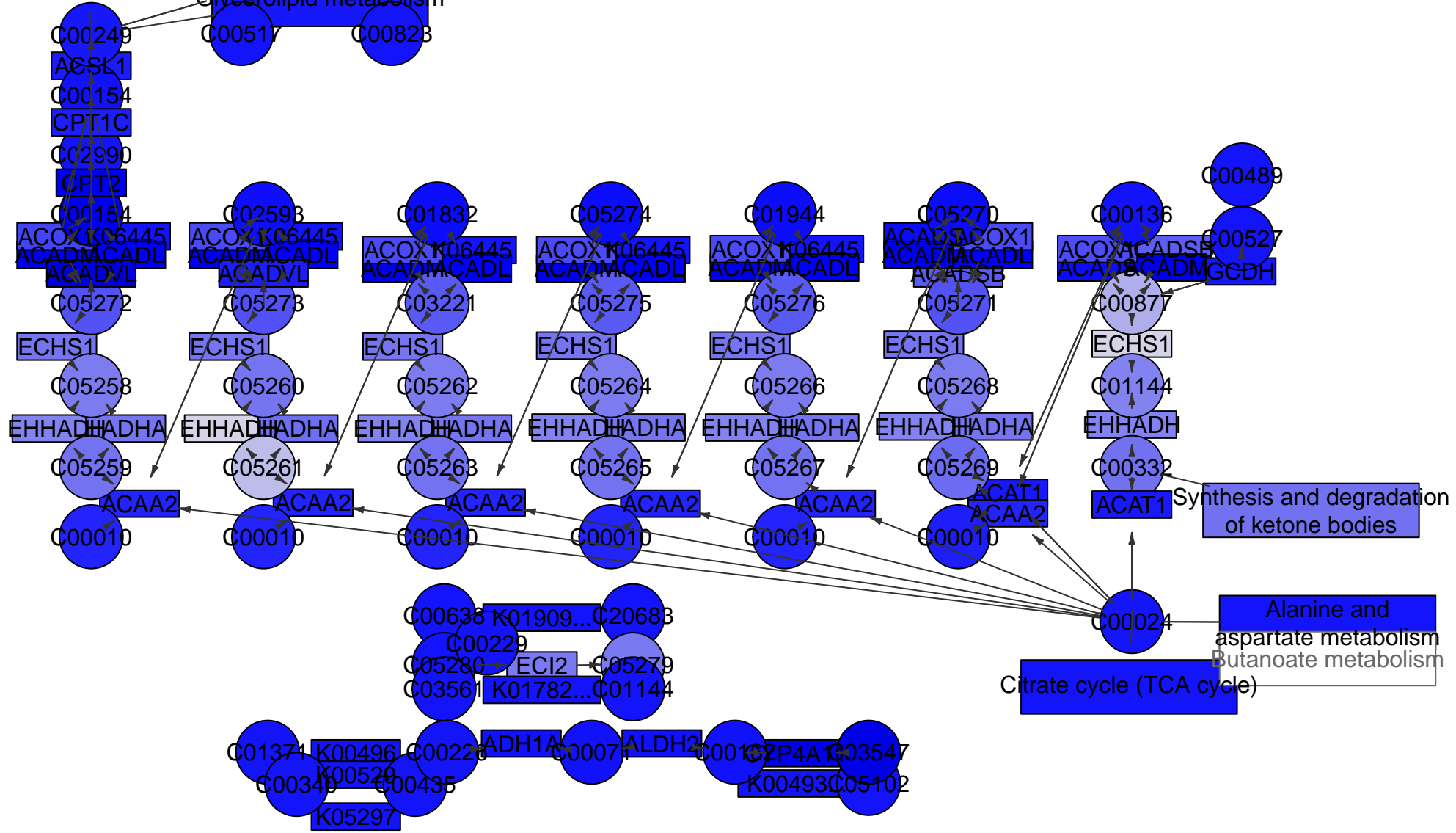
Fatty acid degradation
MPI-040

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



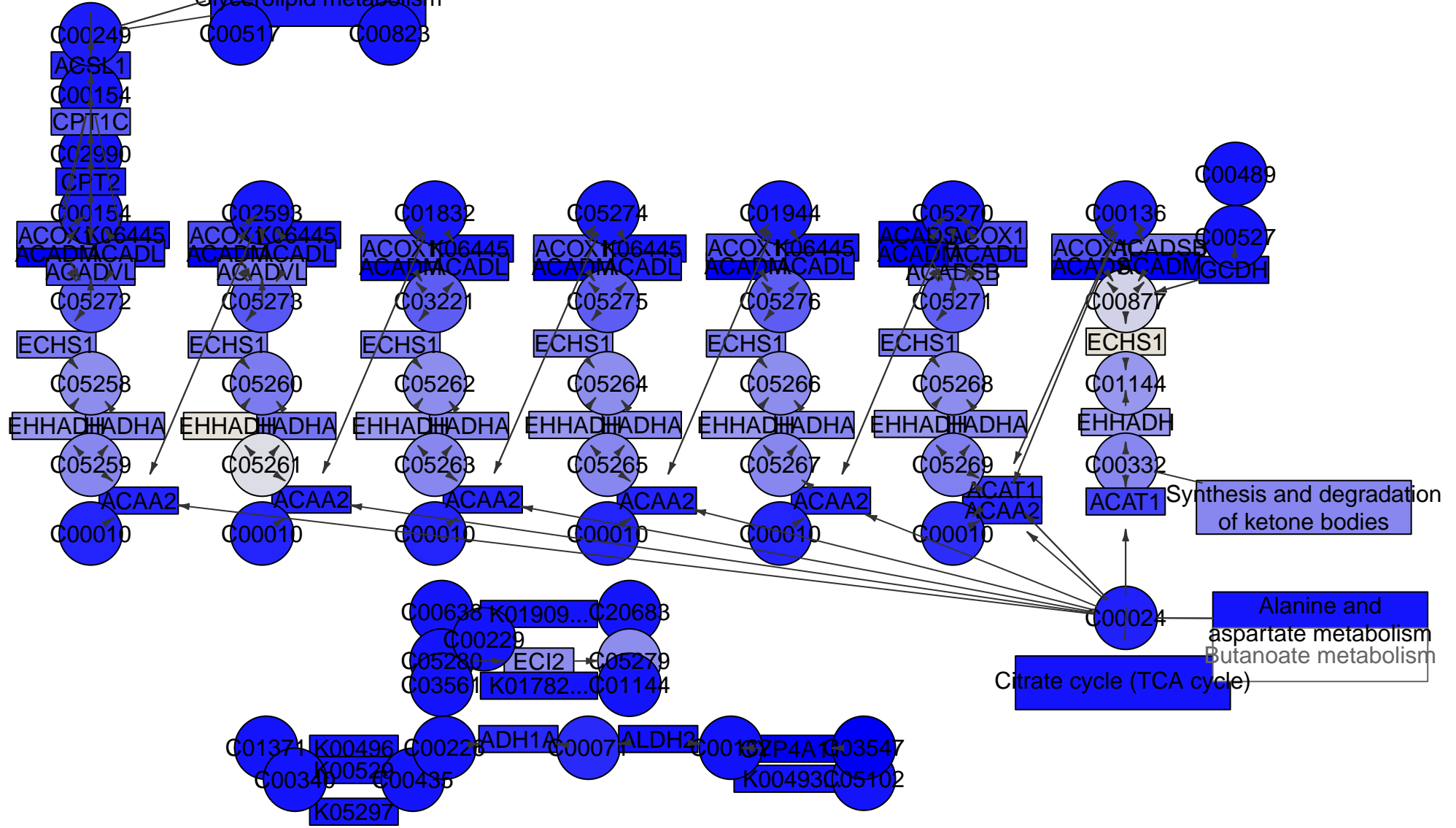
Fatty acid degradation
MPI-045

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



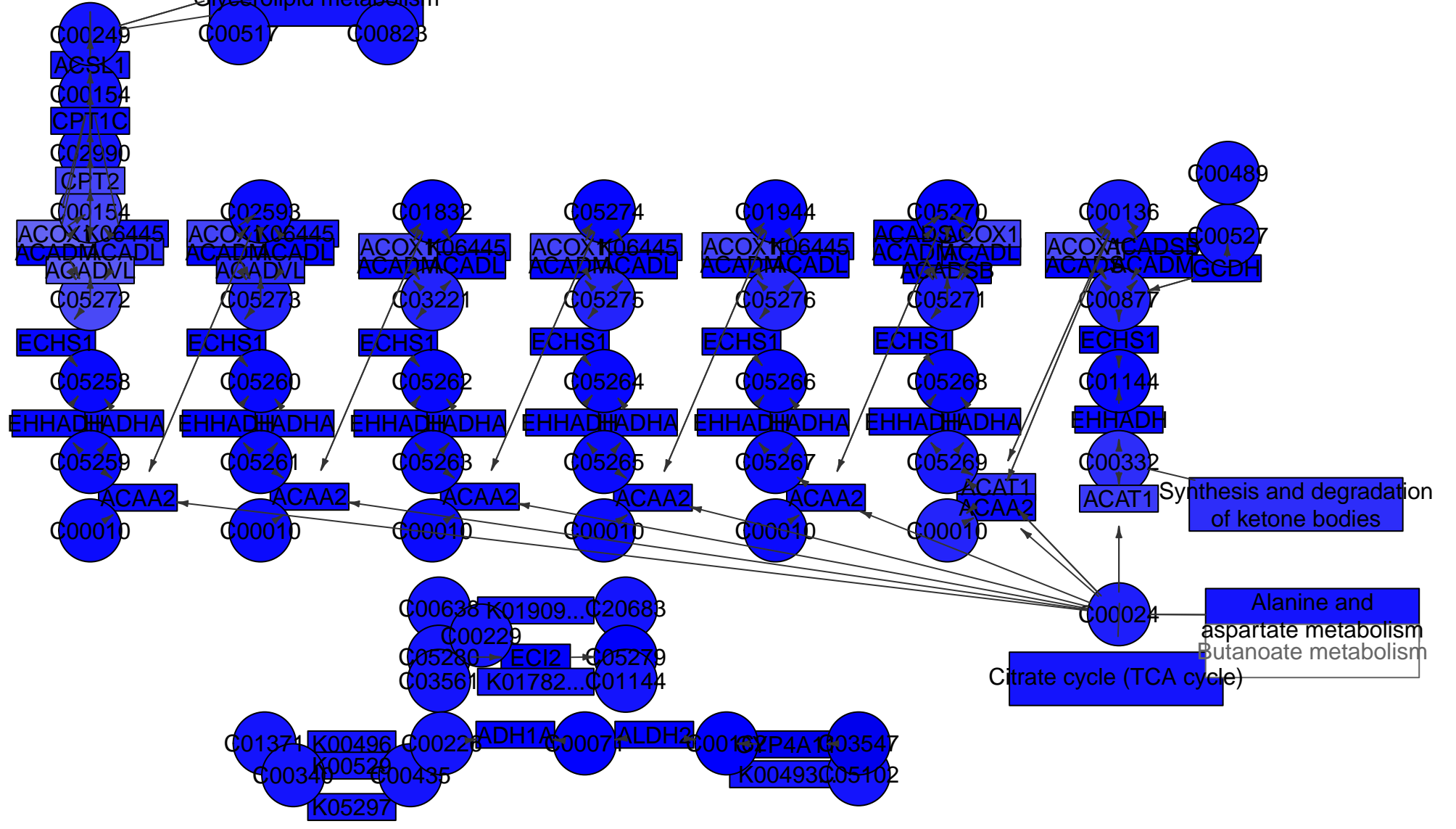
Fatty acid degradation
MPI-047

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



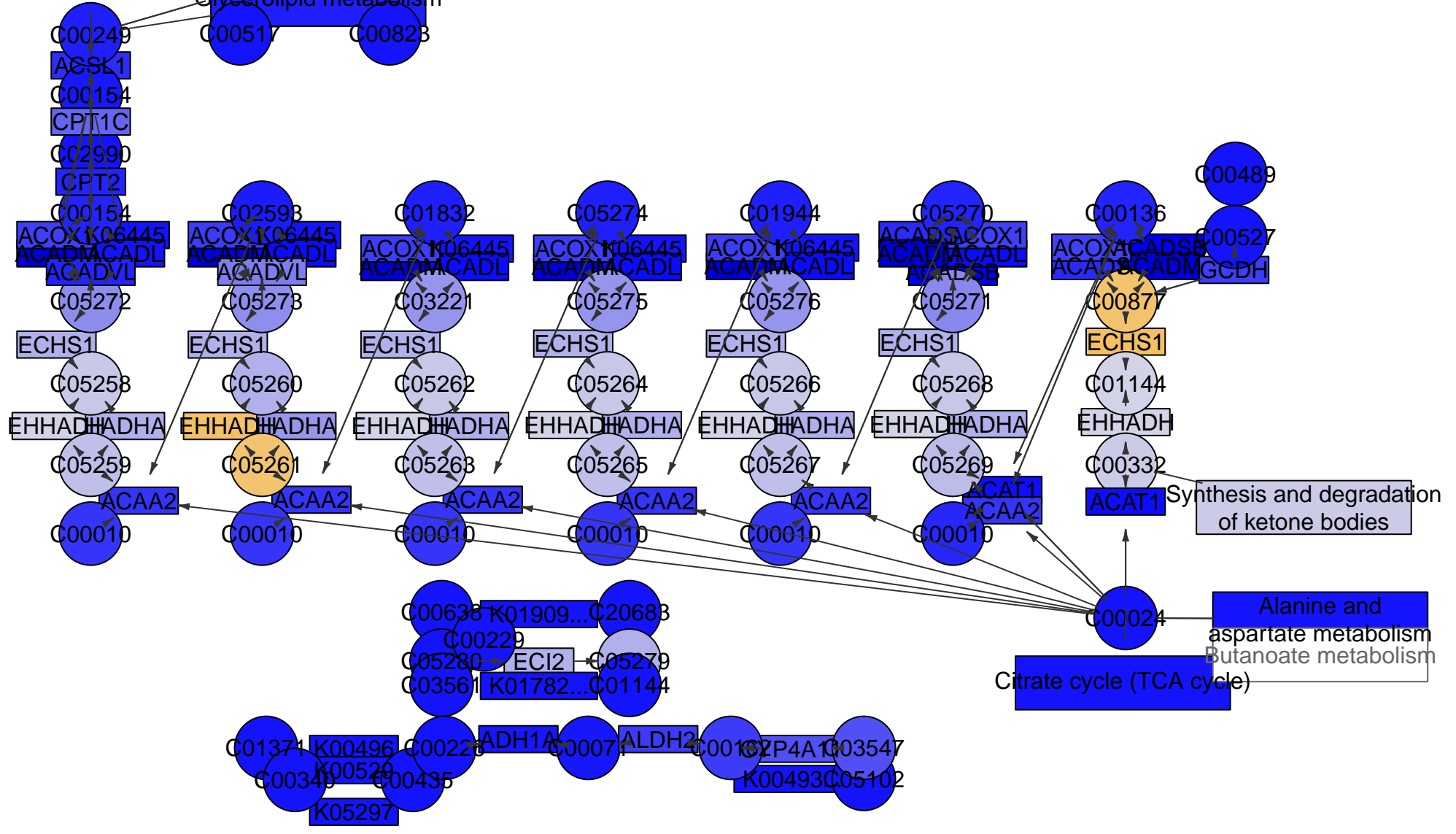
Fatty acid degradation
MPI-053

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



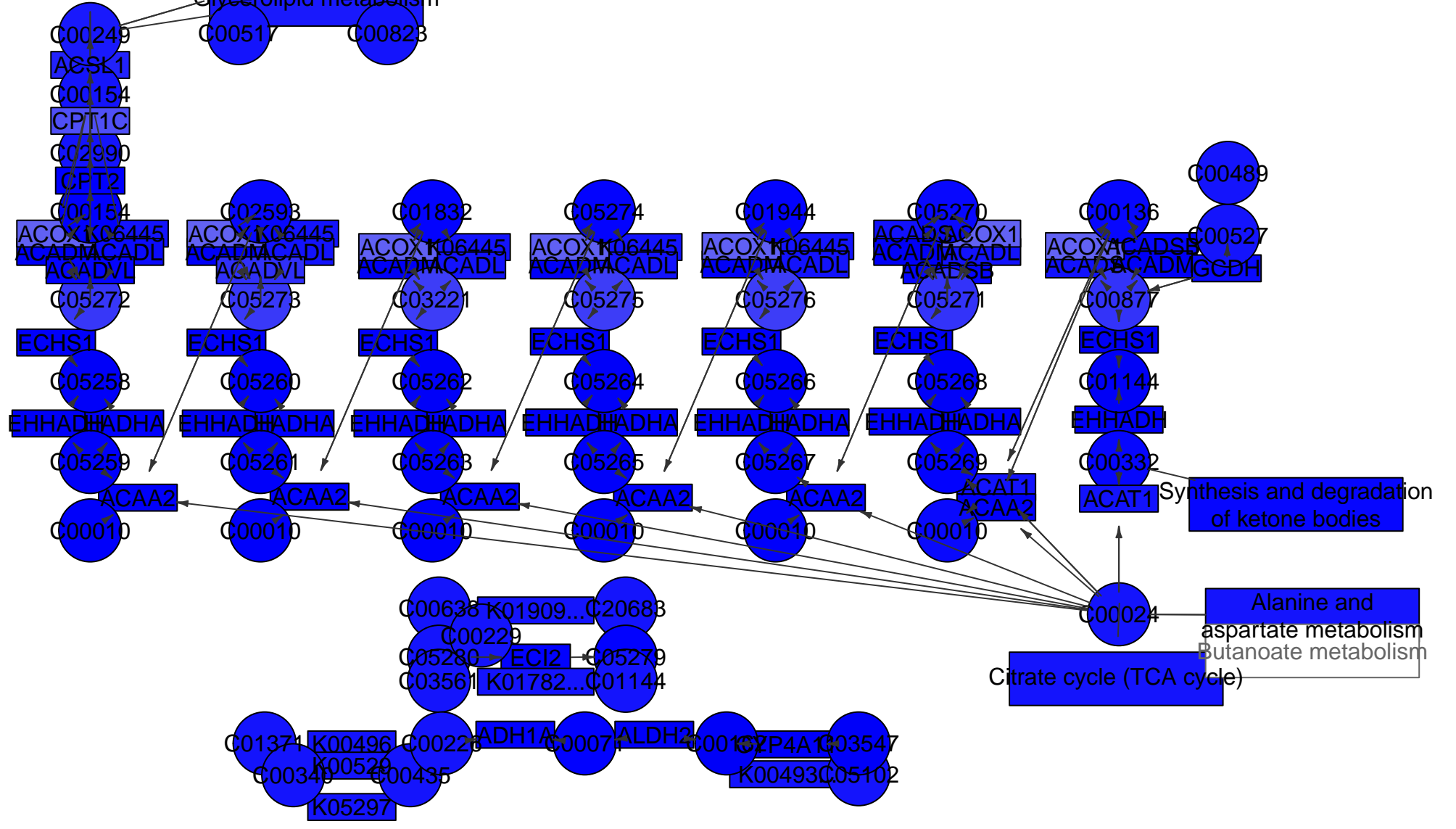
Fatty acid degradation
MPI-062

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



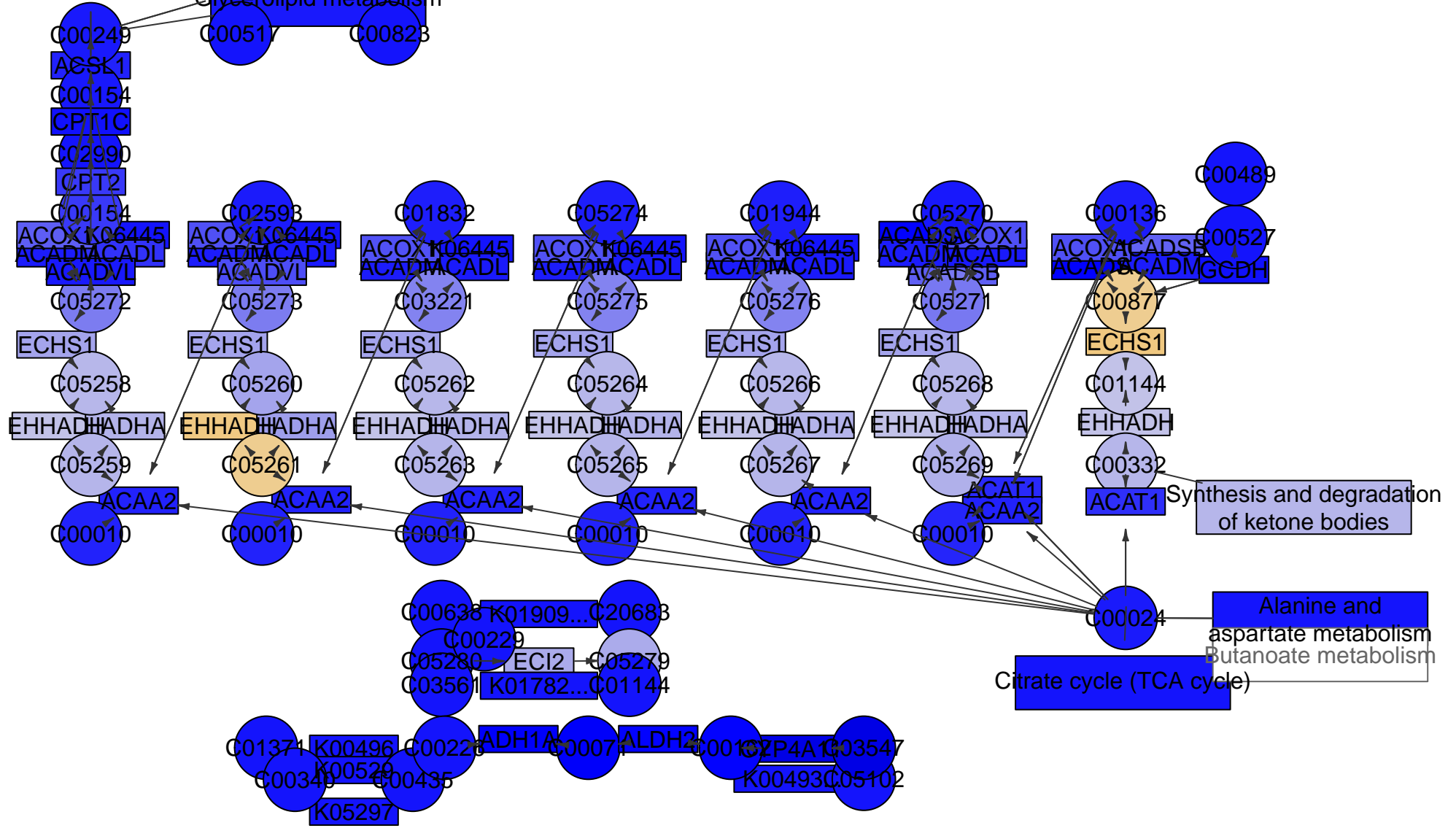
Fatty acid degradation
MPI-063

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



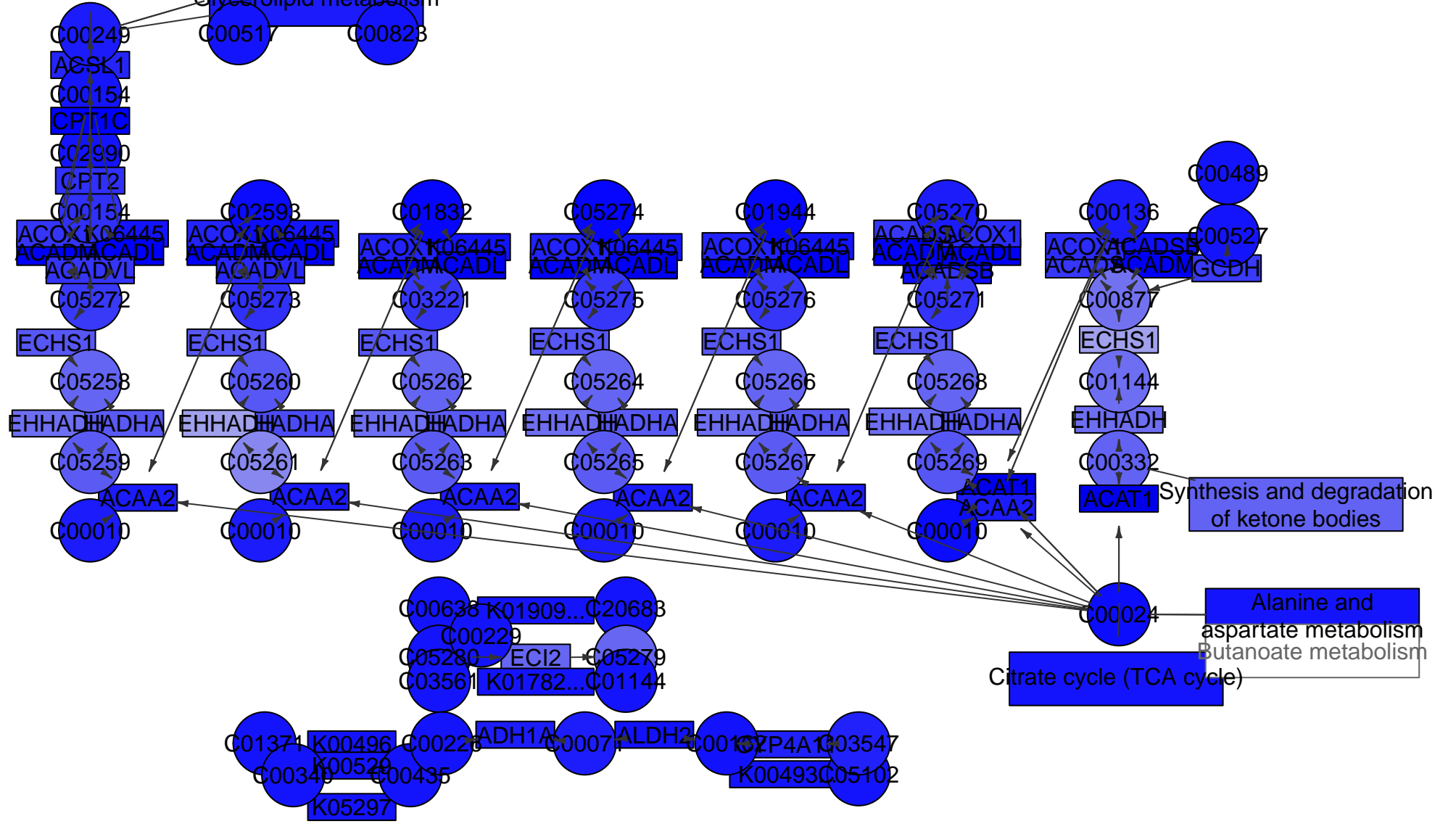
Fatty acid degradation
MPI-069

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



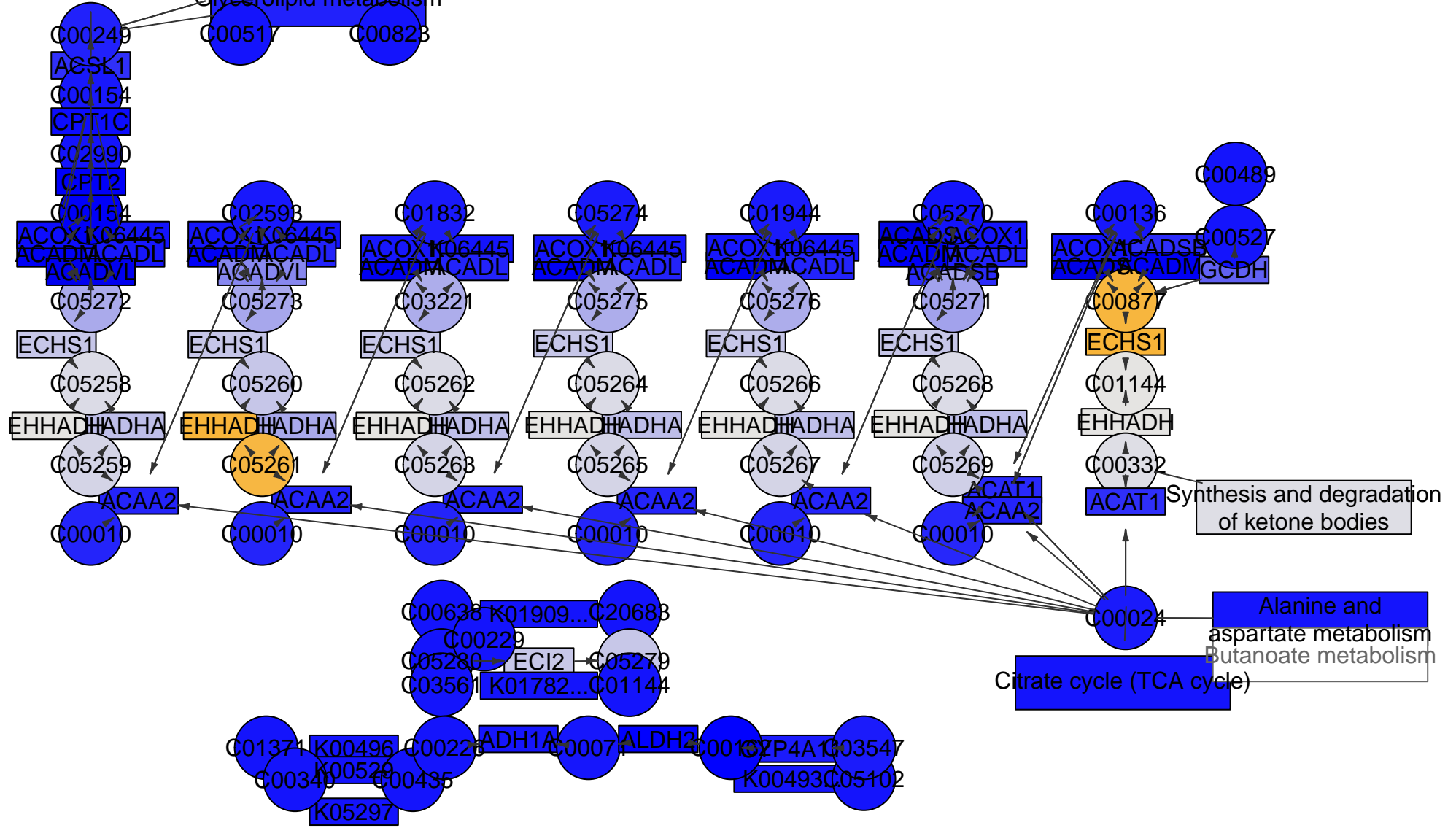
Fatty acid degradation
MPI-073

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



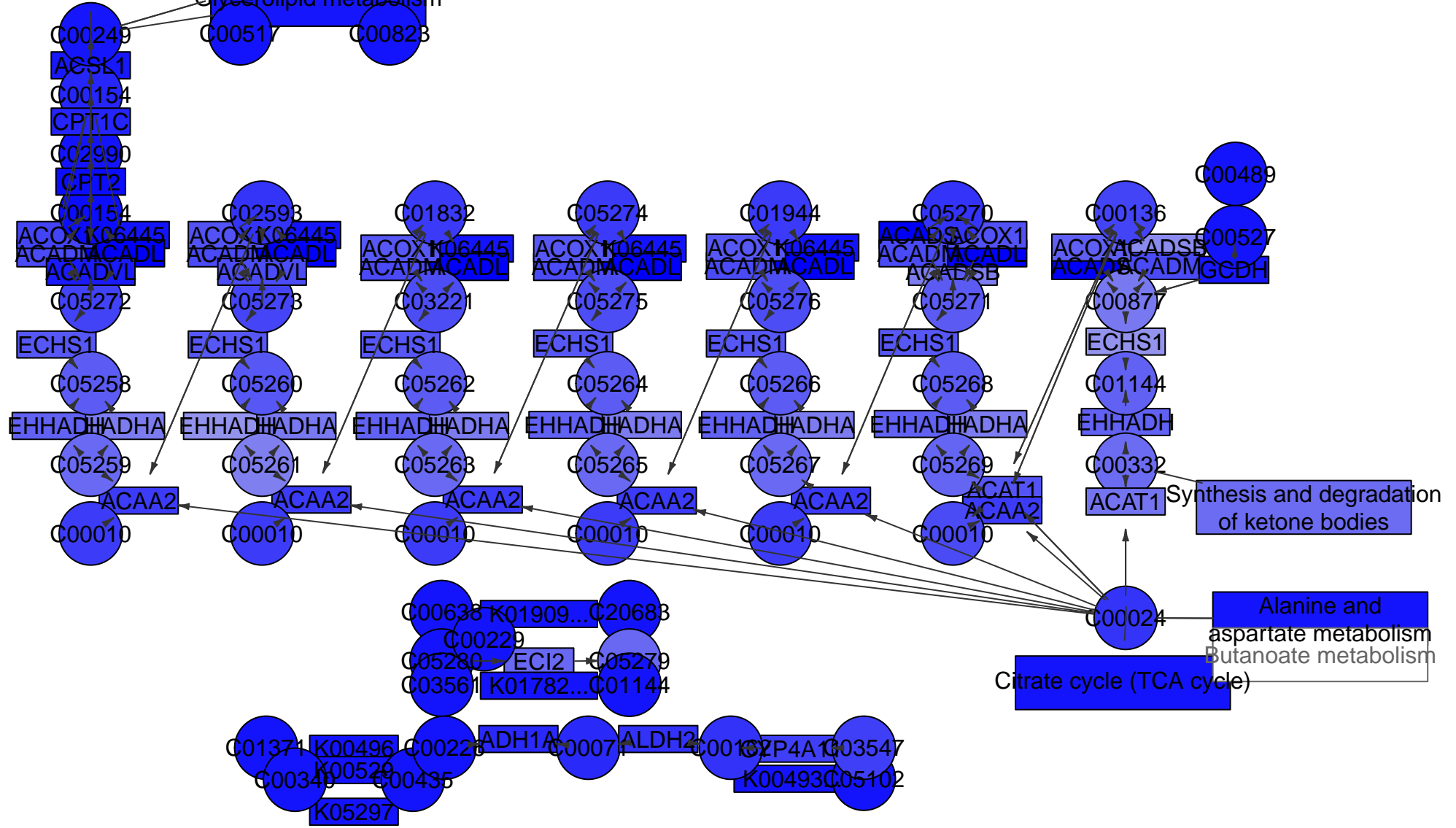
Fatty acid degradation
MPI-074

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



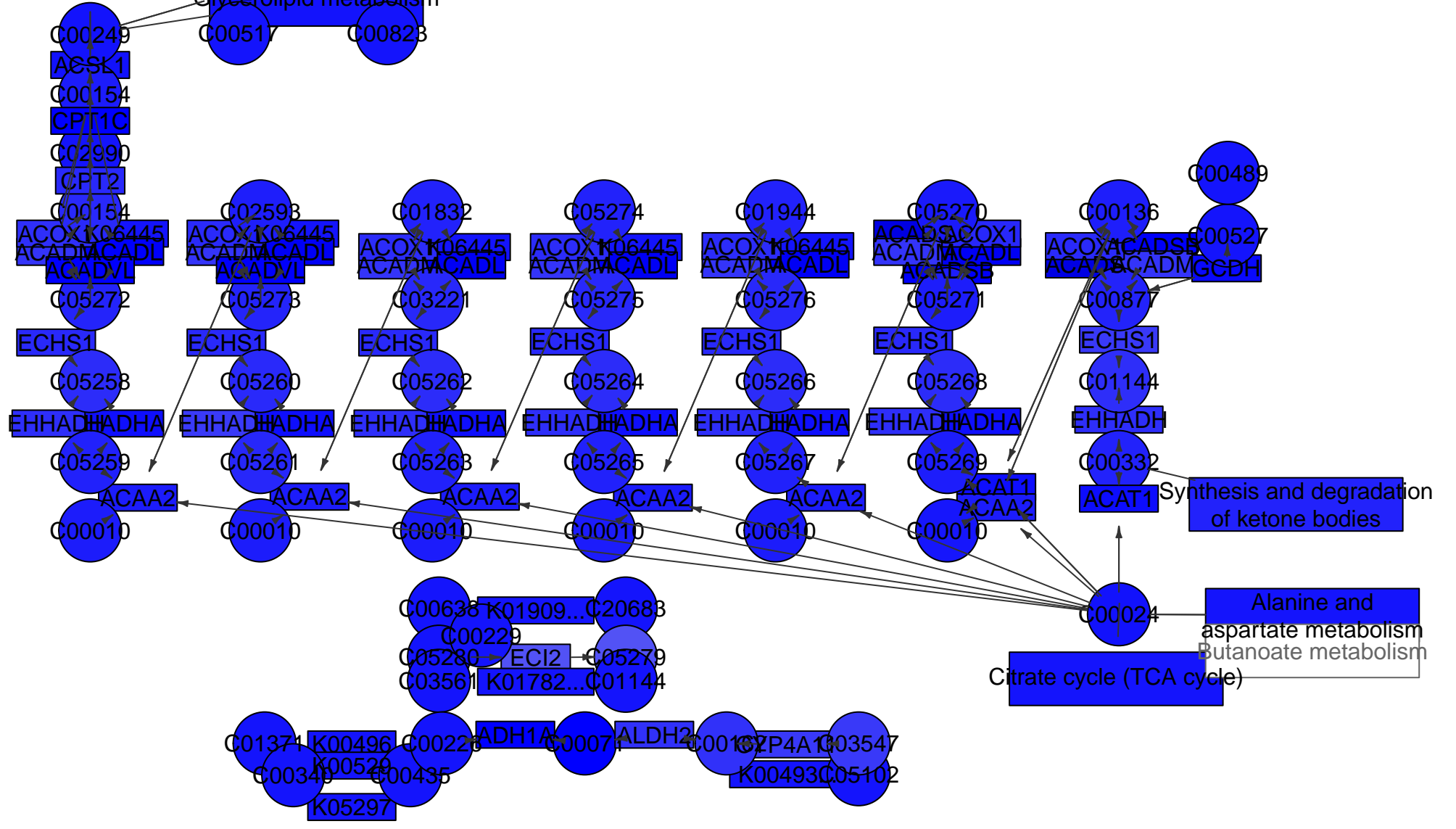
Fatty acid degradation
MPI-076

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



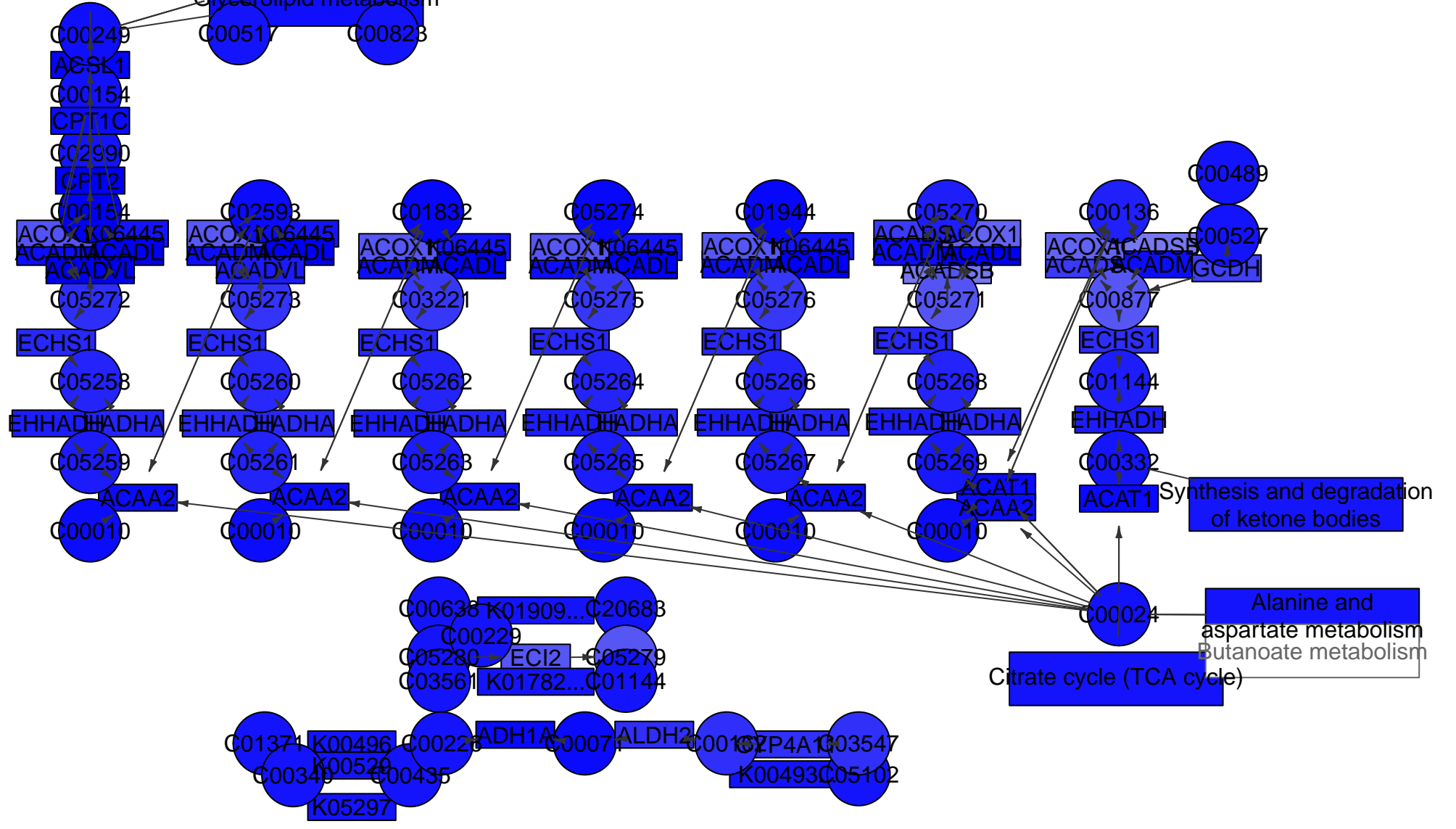
Fatty acid degradation
MPI-083

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



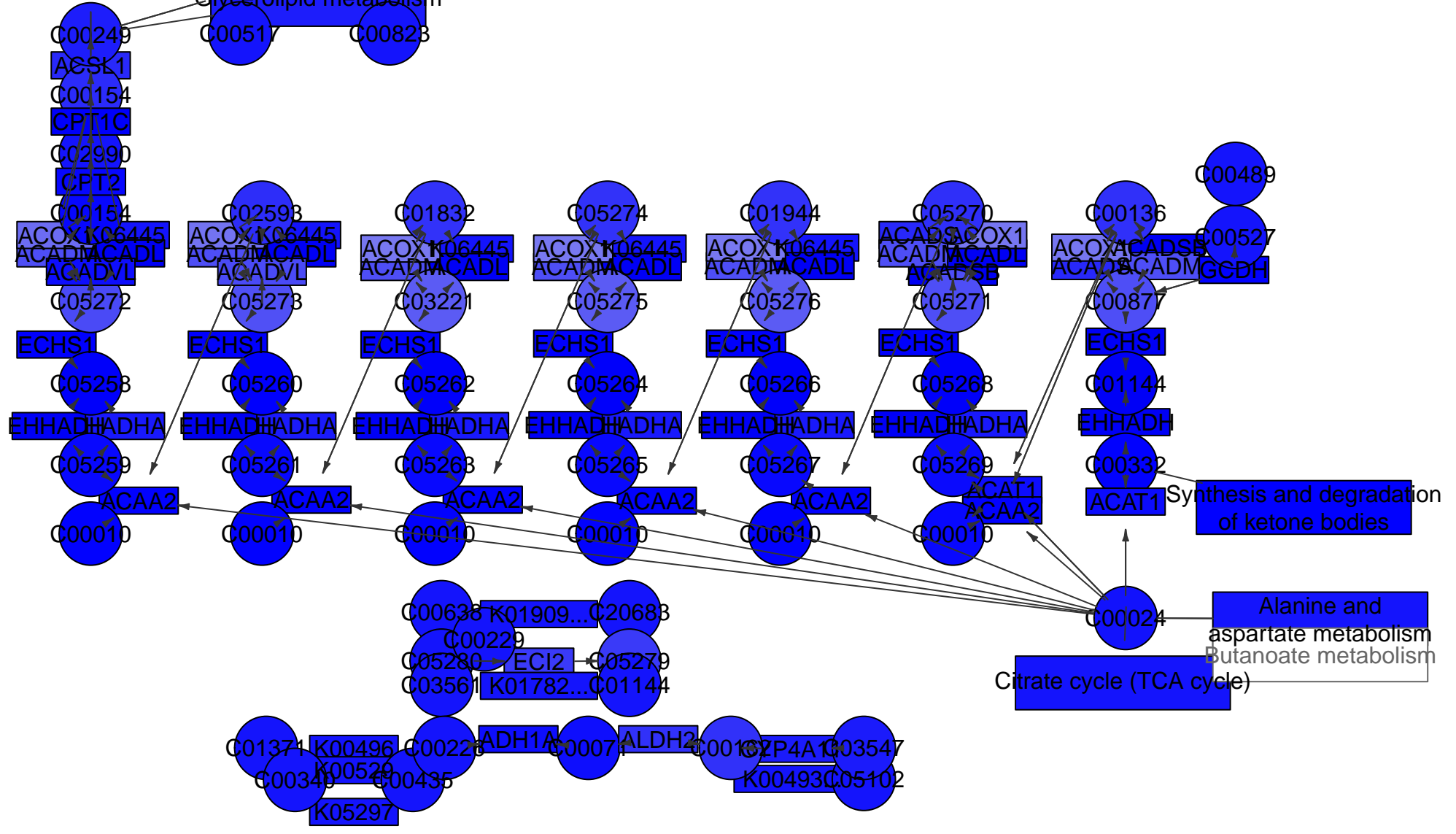
Fatty acid degradation
MPI-088

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



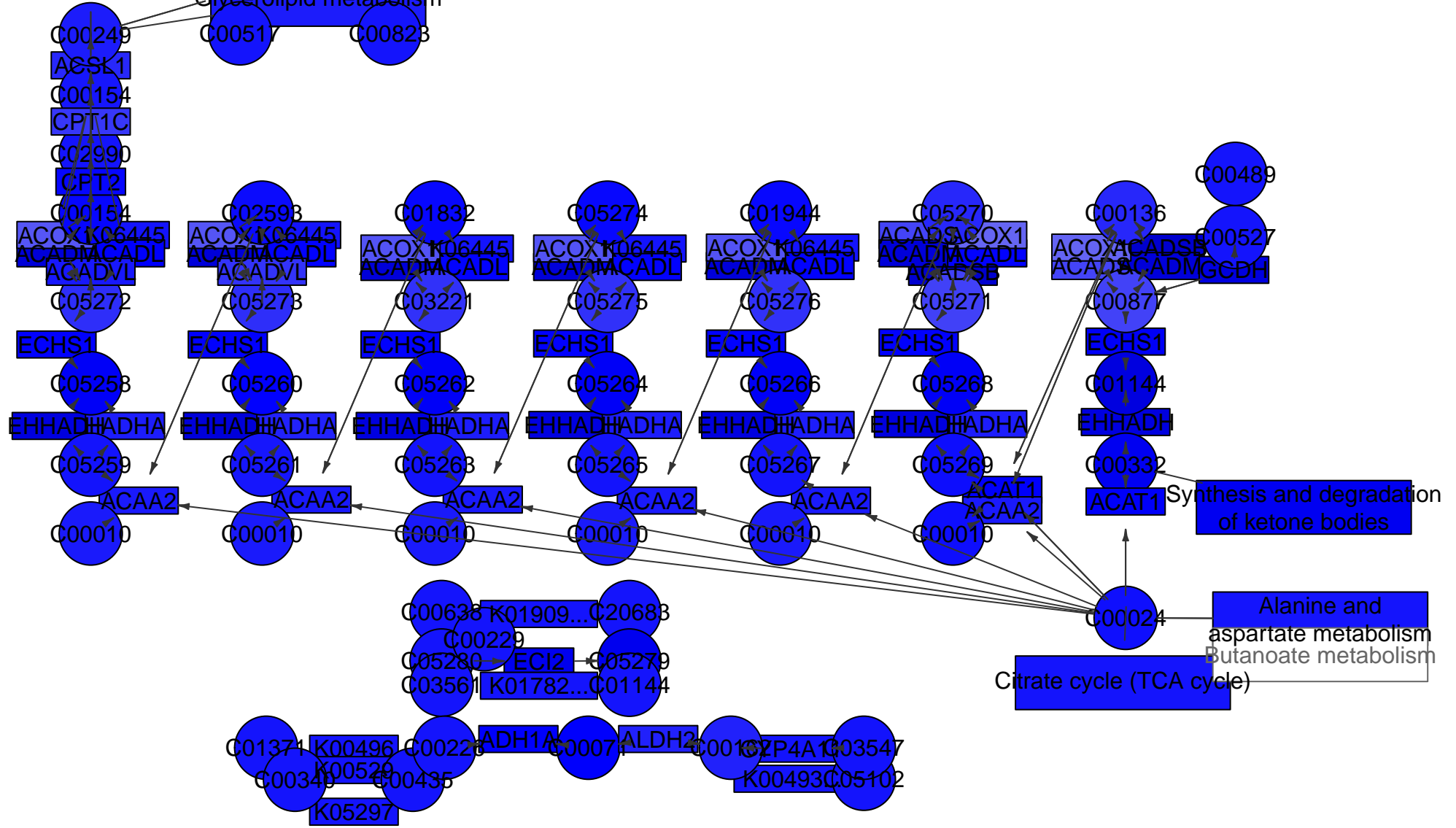
Fatty acid degradation
MPI-092

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



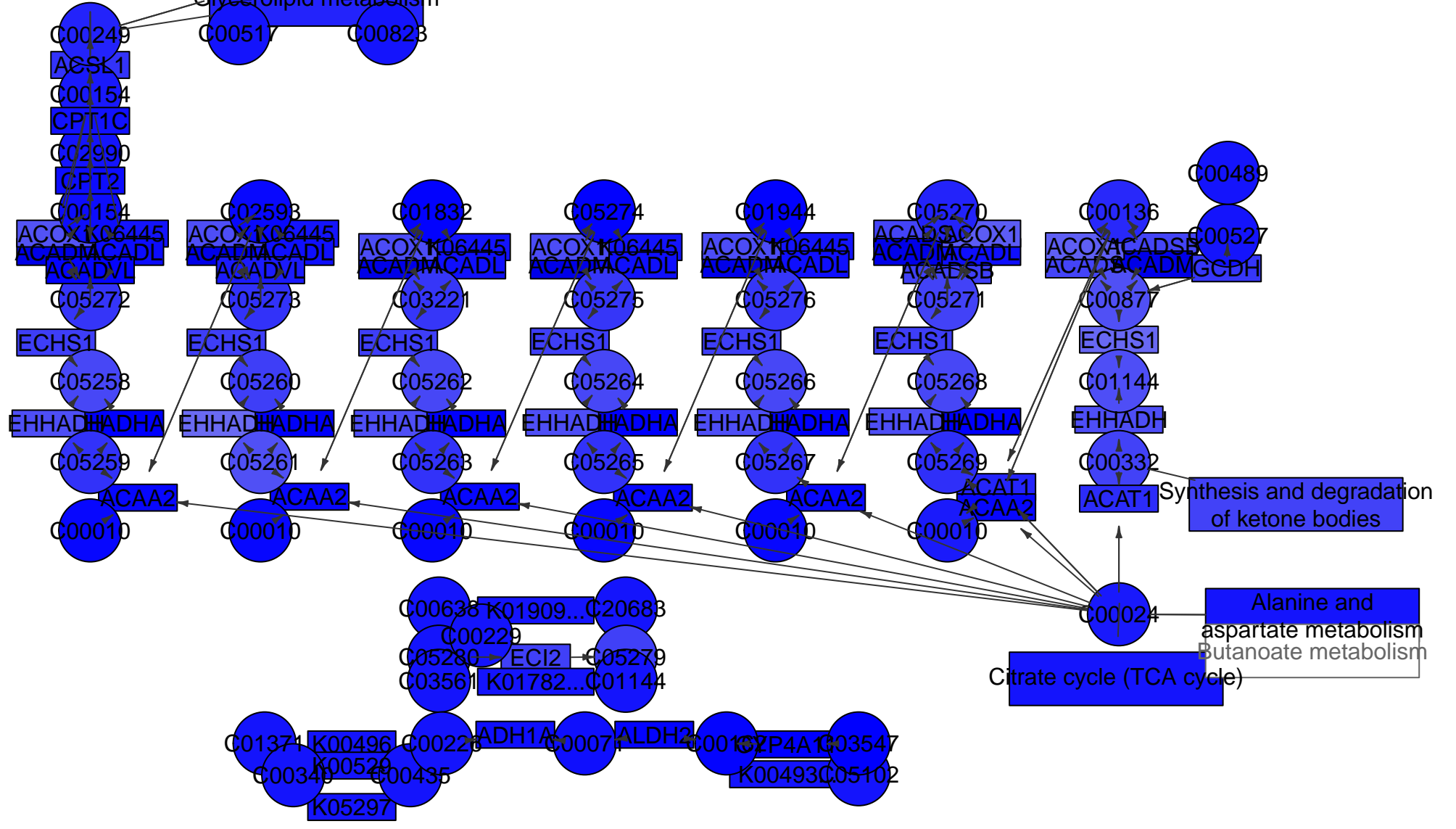
Fatty acid degradation
MPI-096

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



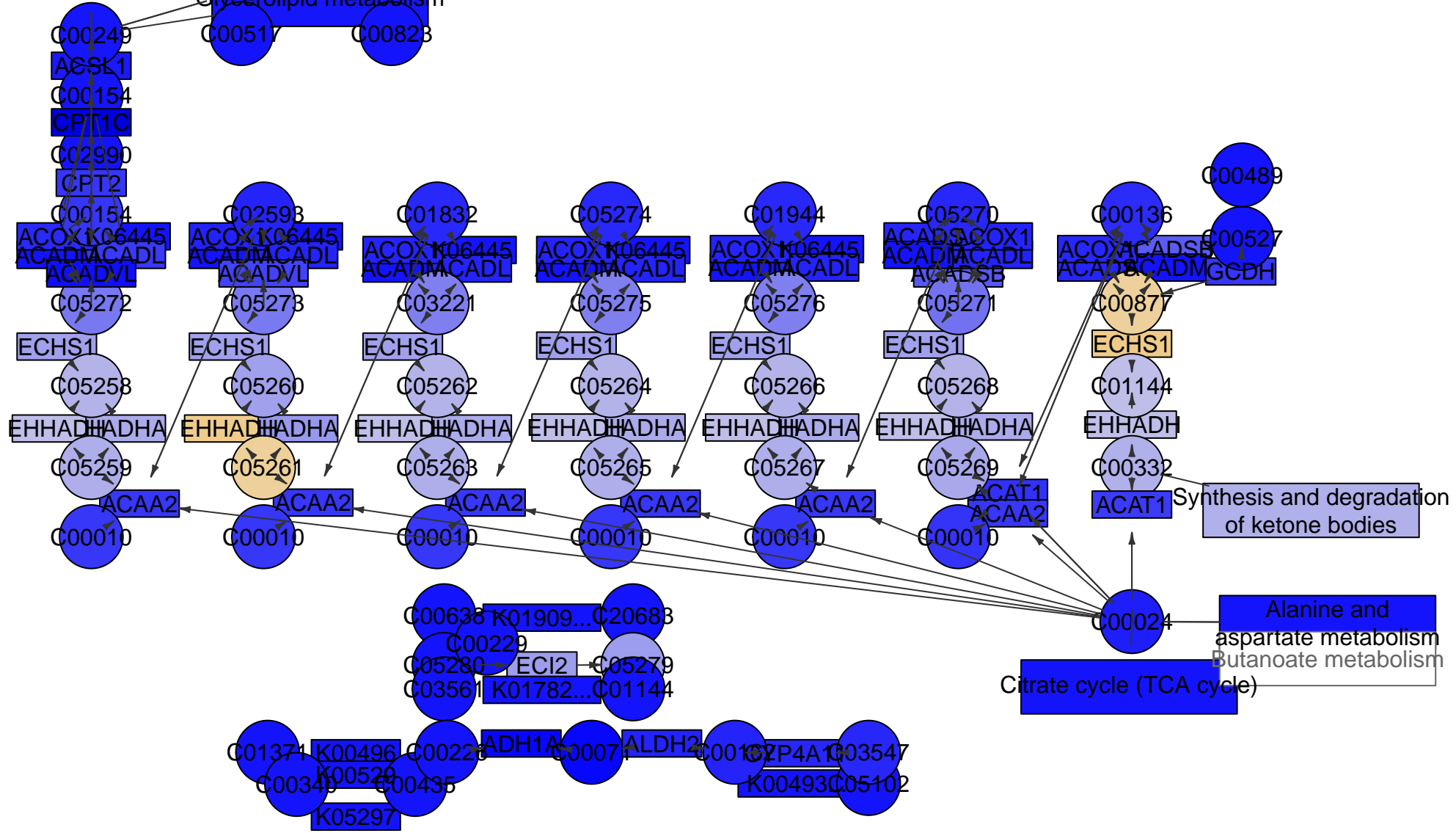
Fatty acid degradation
MPI-098

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



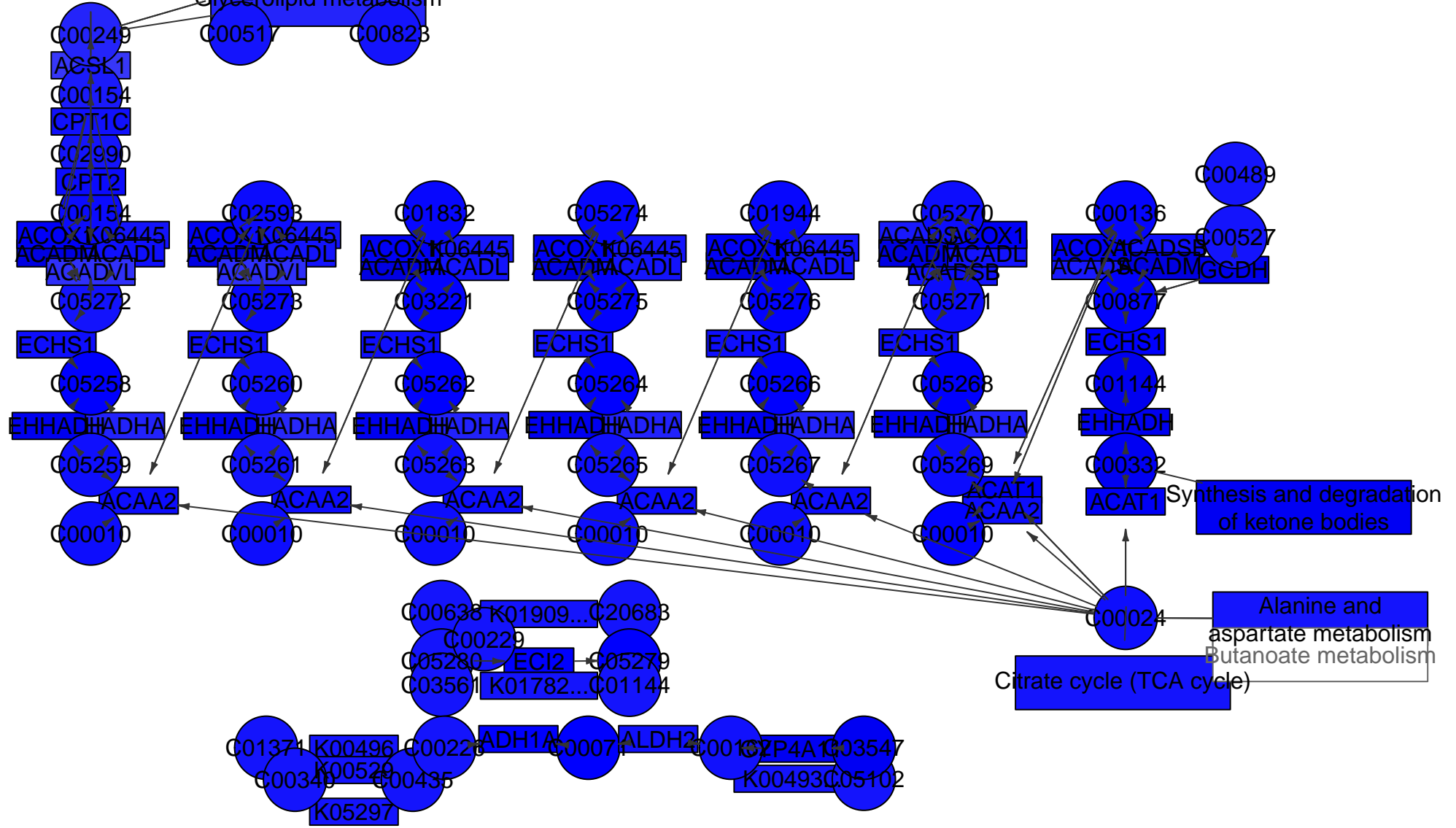
Fatty acid degradation
MPI-100

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



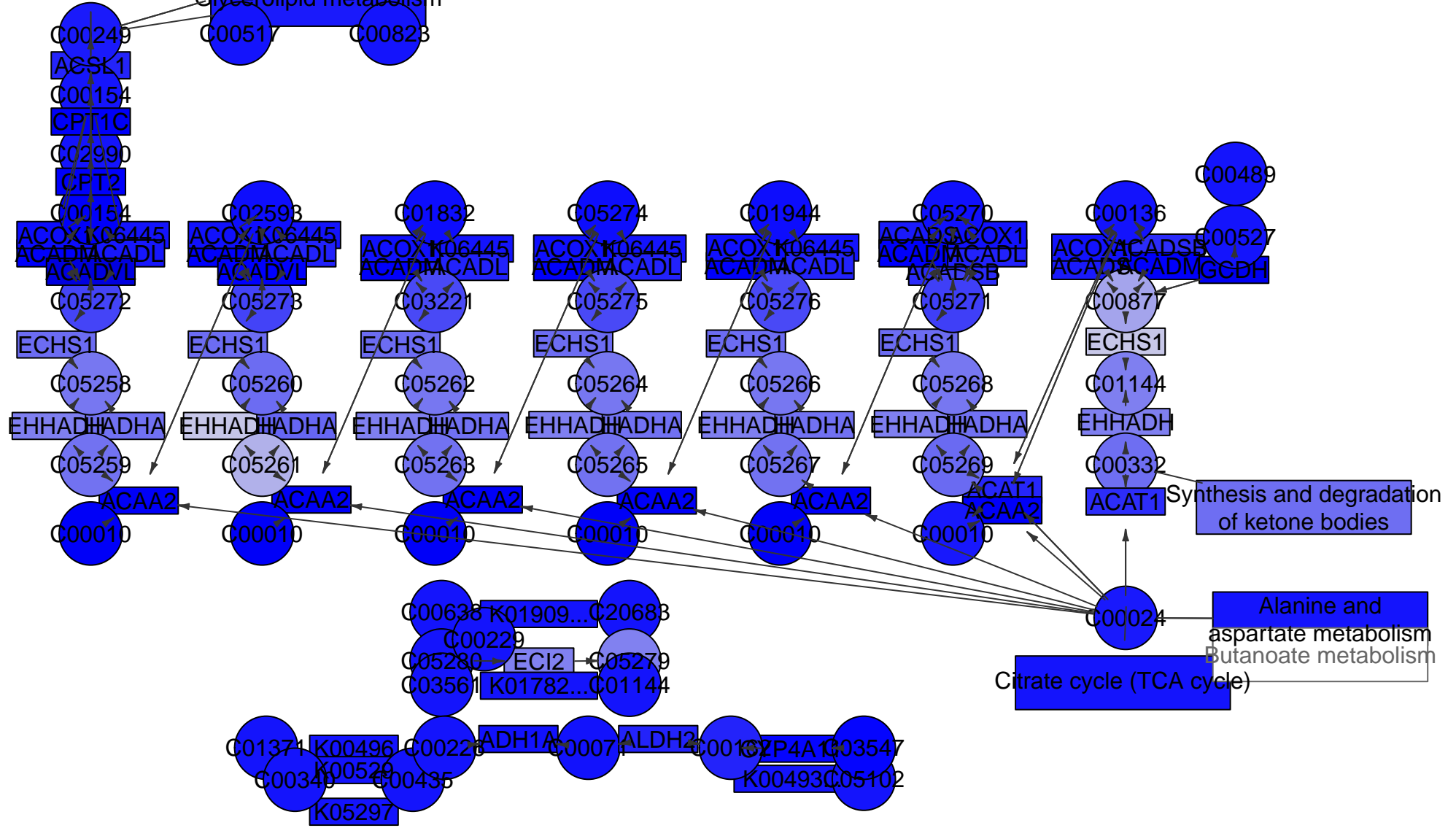
Fatty acid degradation
MPI-105

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



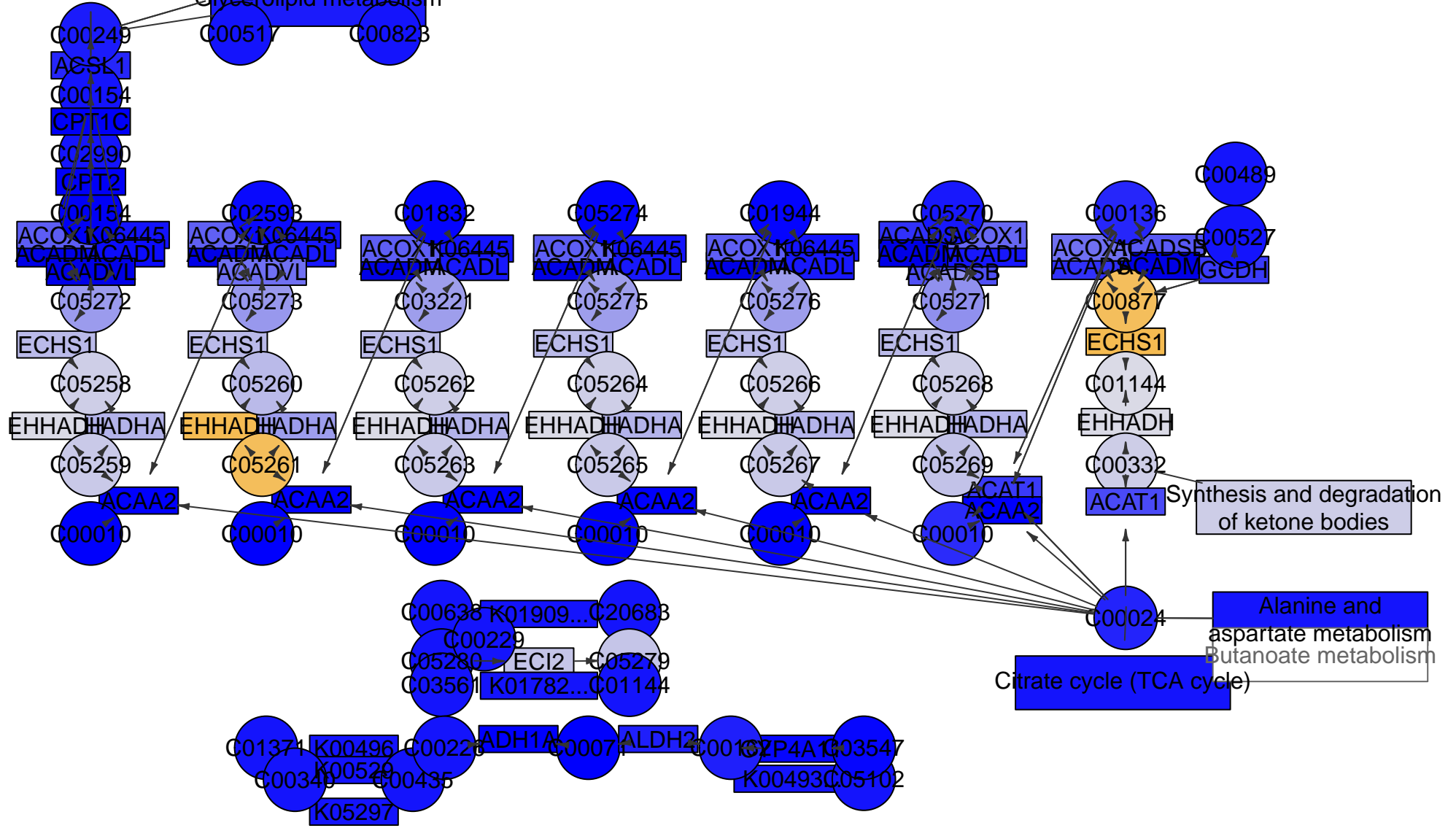
Fatty acid degradation
MPI-106

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



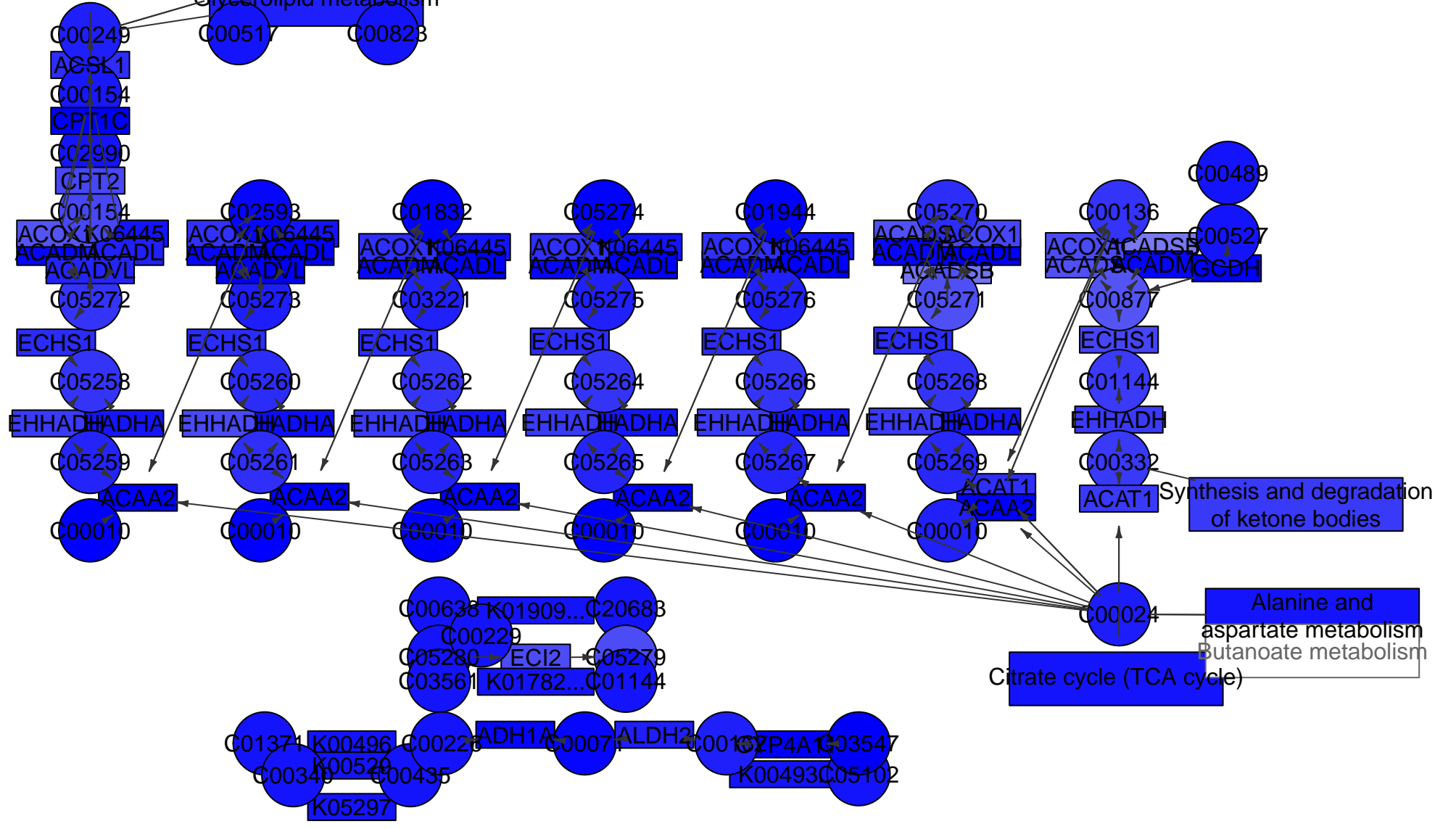
Fatty acid degradation
MPI-108

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



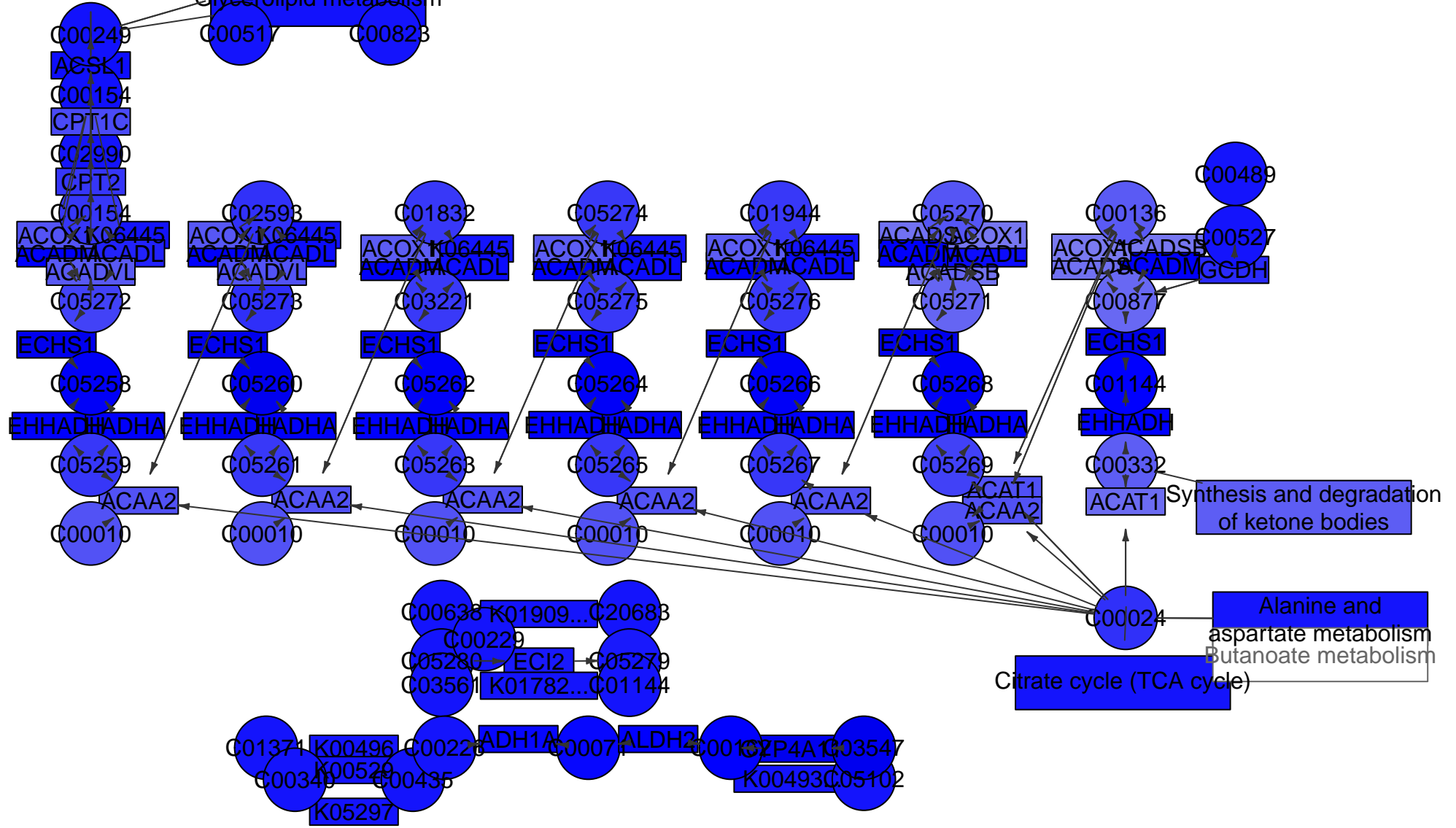
Fatty acid degradation
MPI-109

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



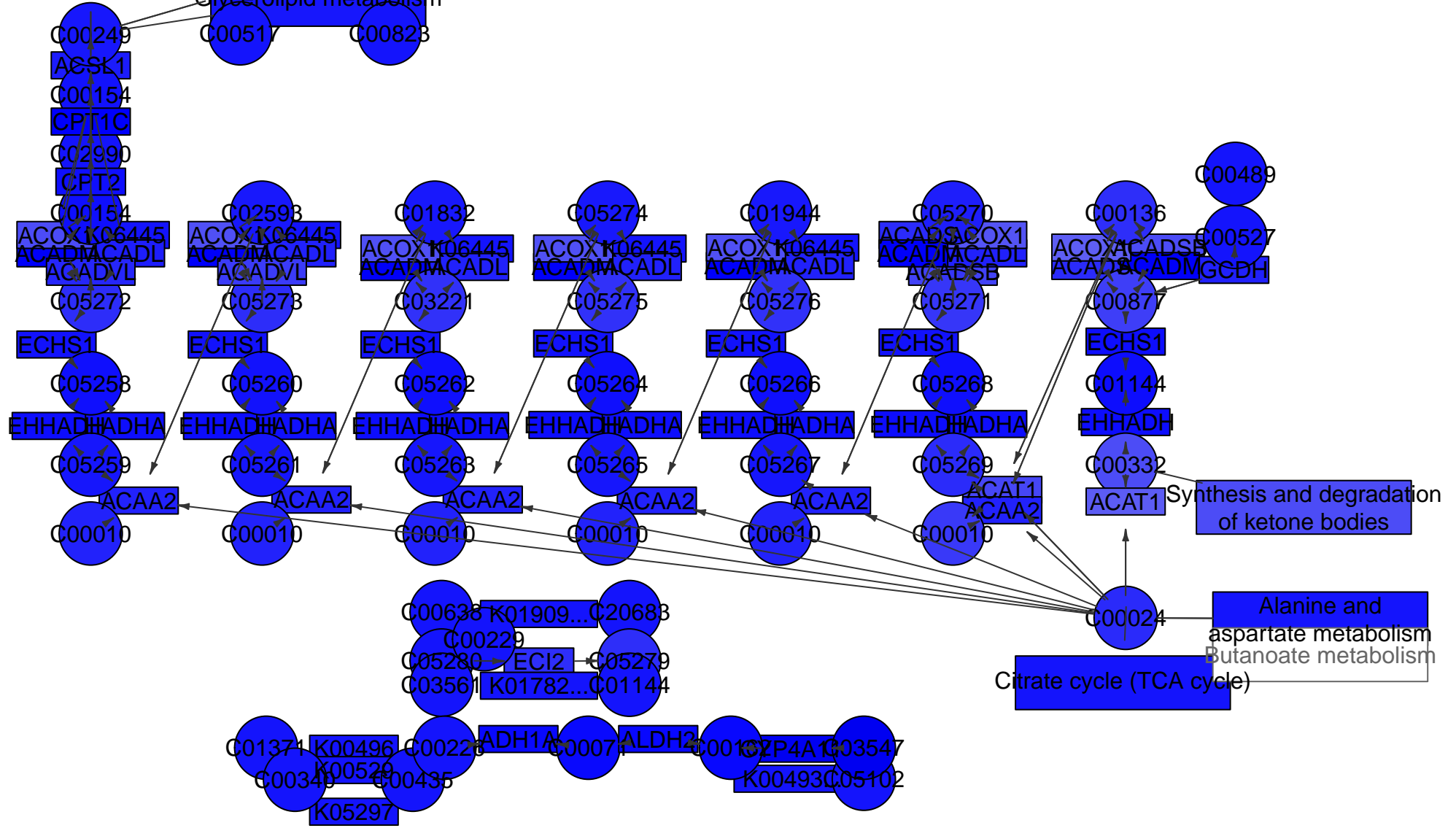
Fatty acid degradation
MPI-110

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



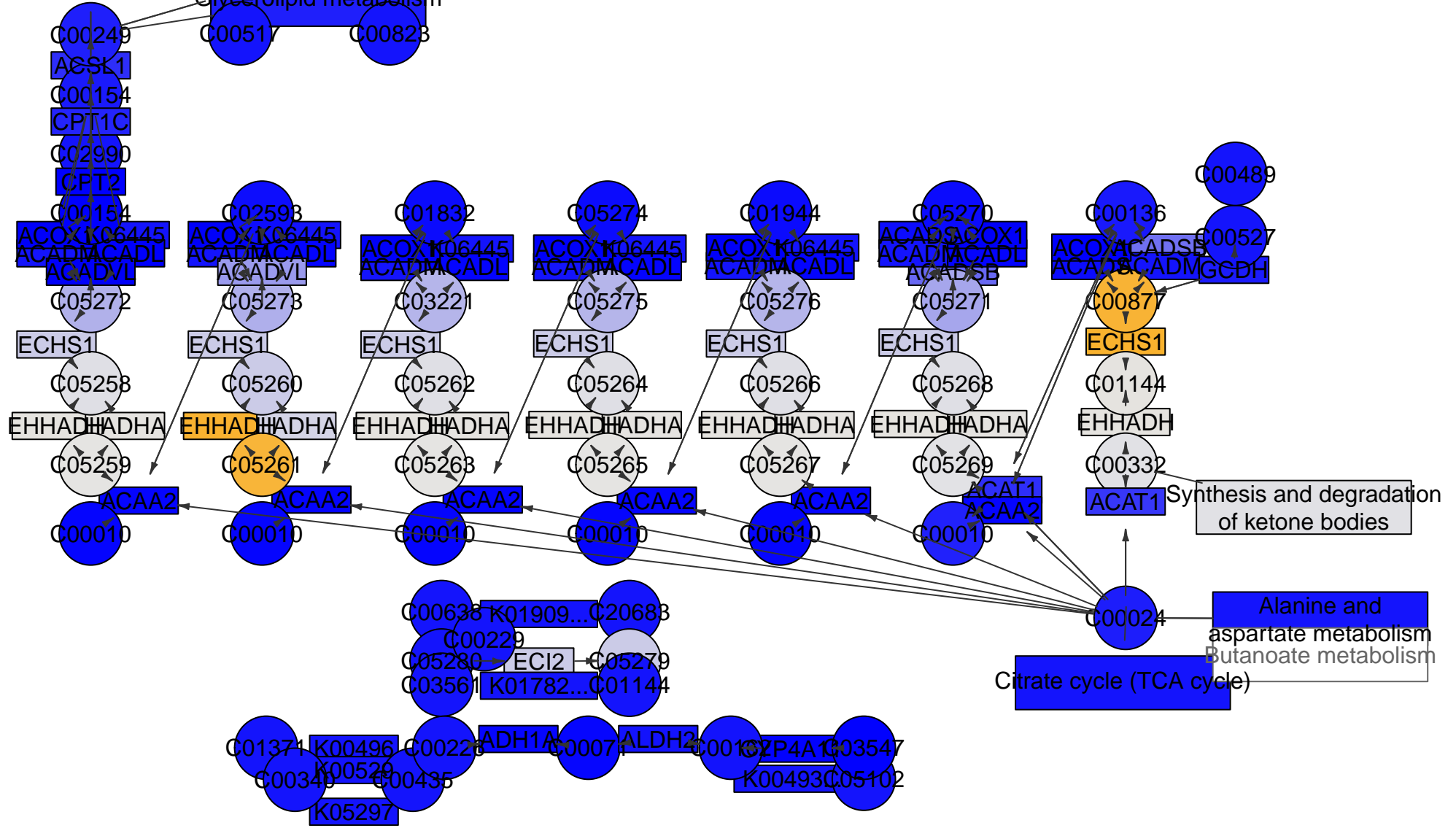
Fatty acid degradation
MPI-111

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



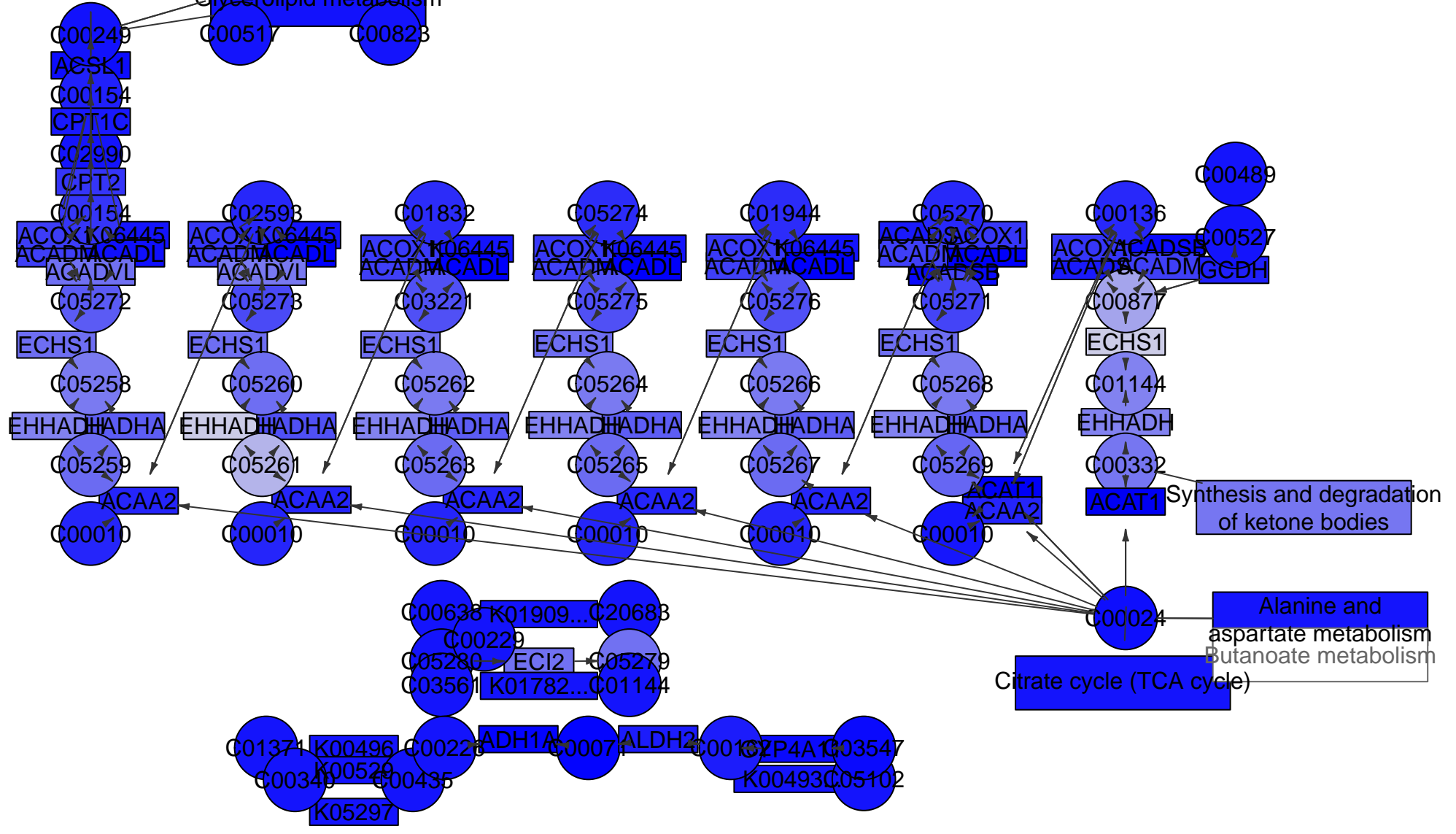
Fatty acid degradation
MPI-113

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



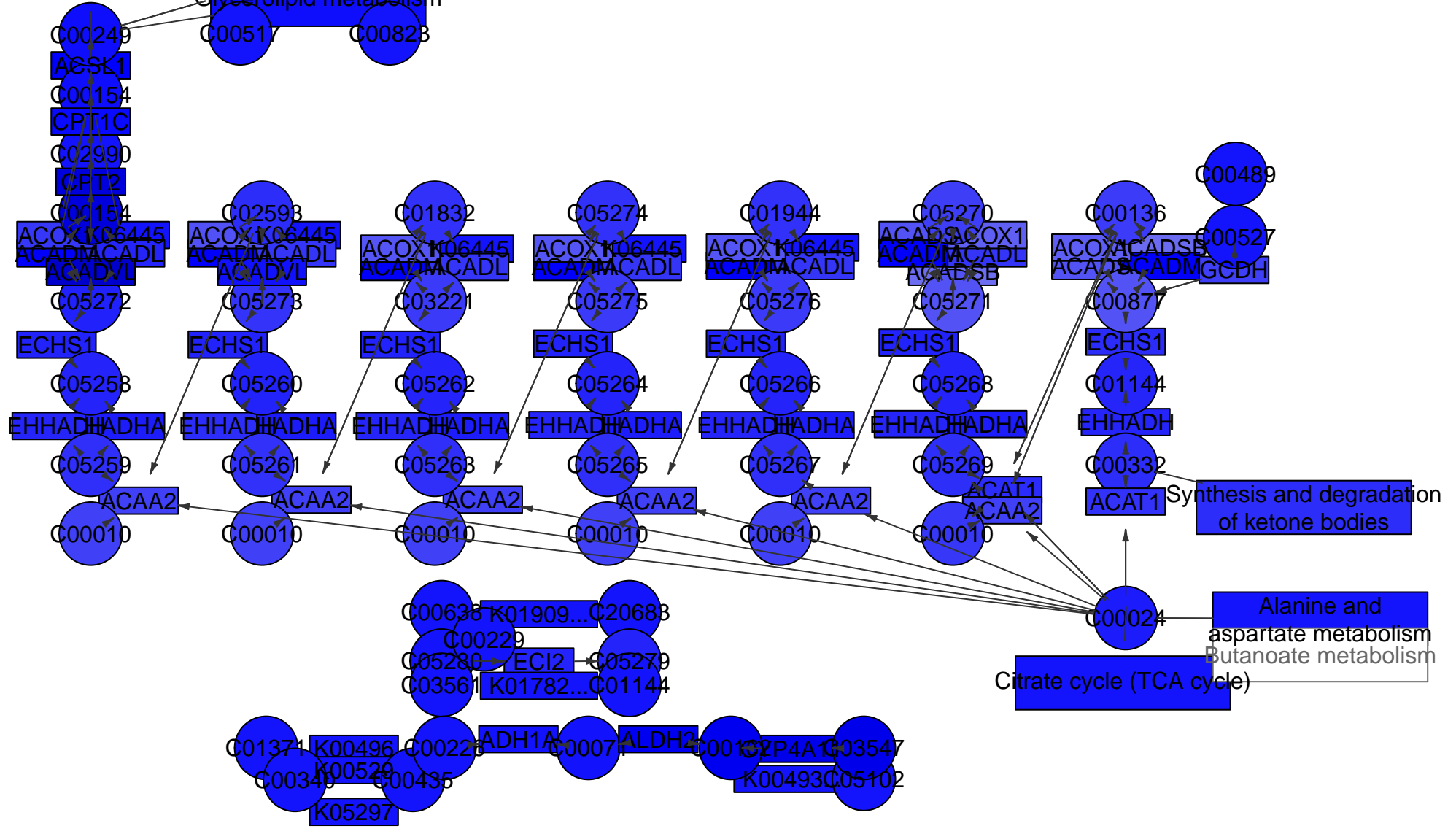
Fatty acid degradation
MPI-115

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



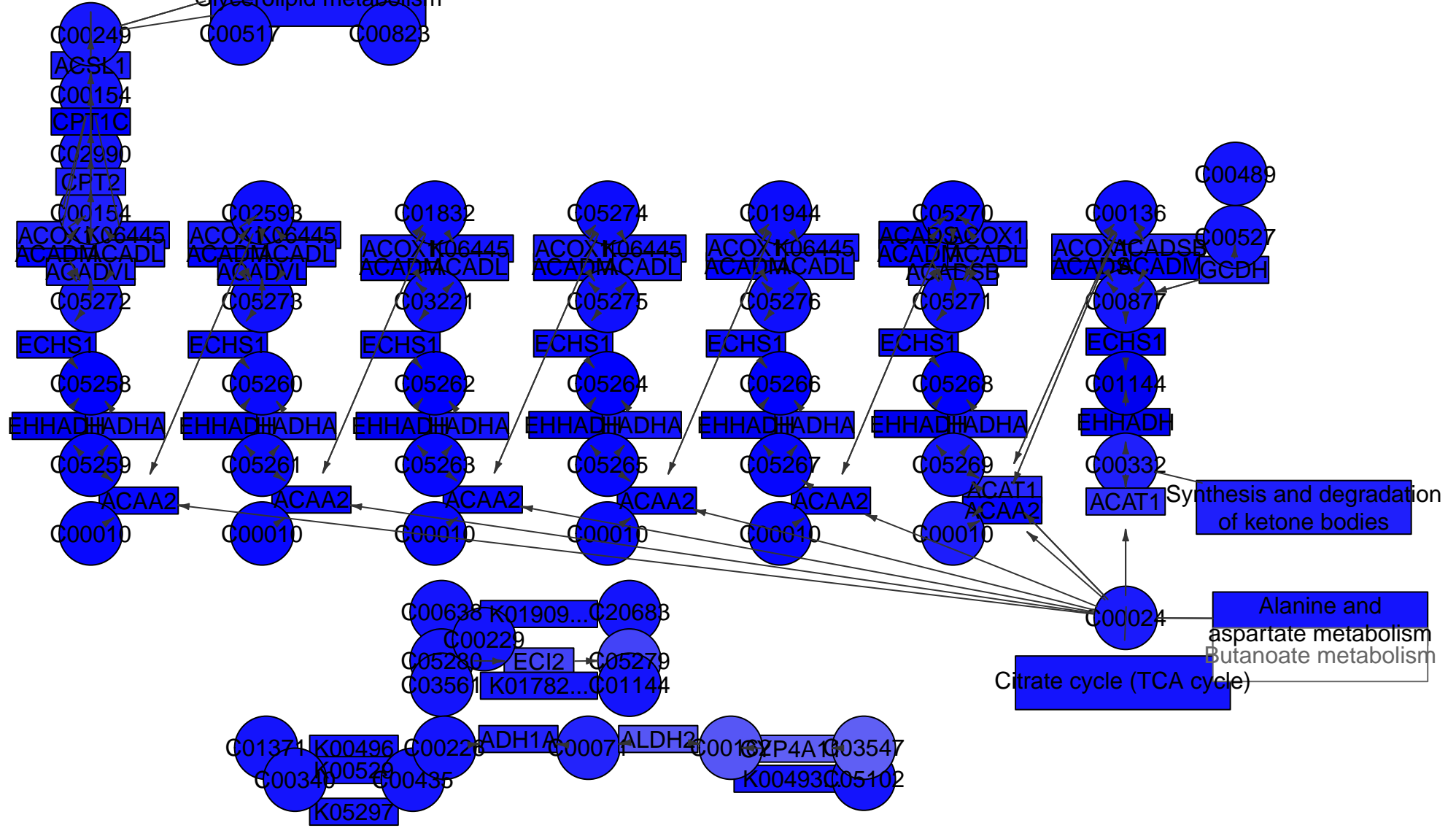
Fatty acid degradation
MPI-118

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



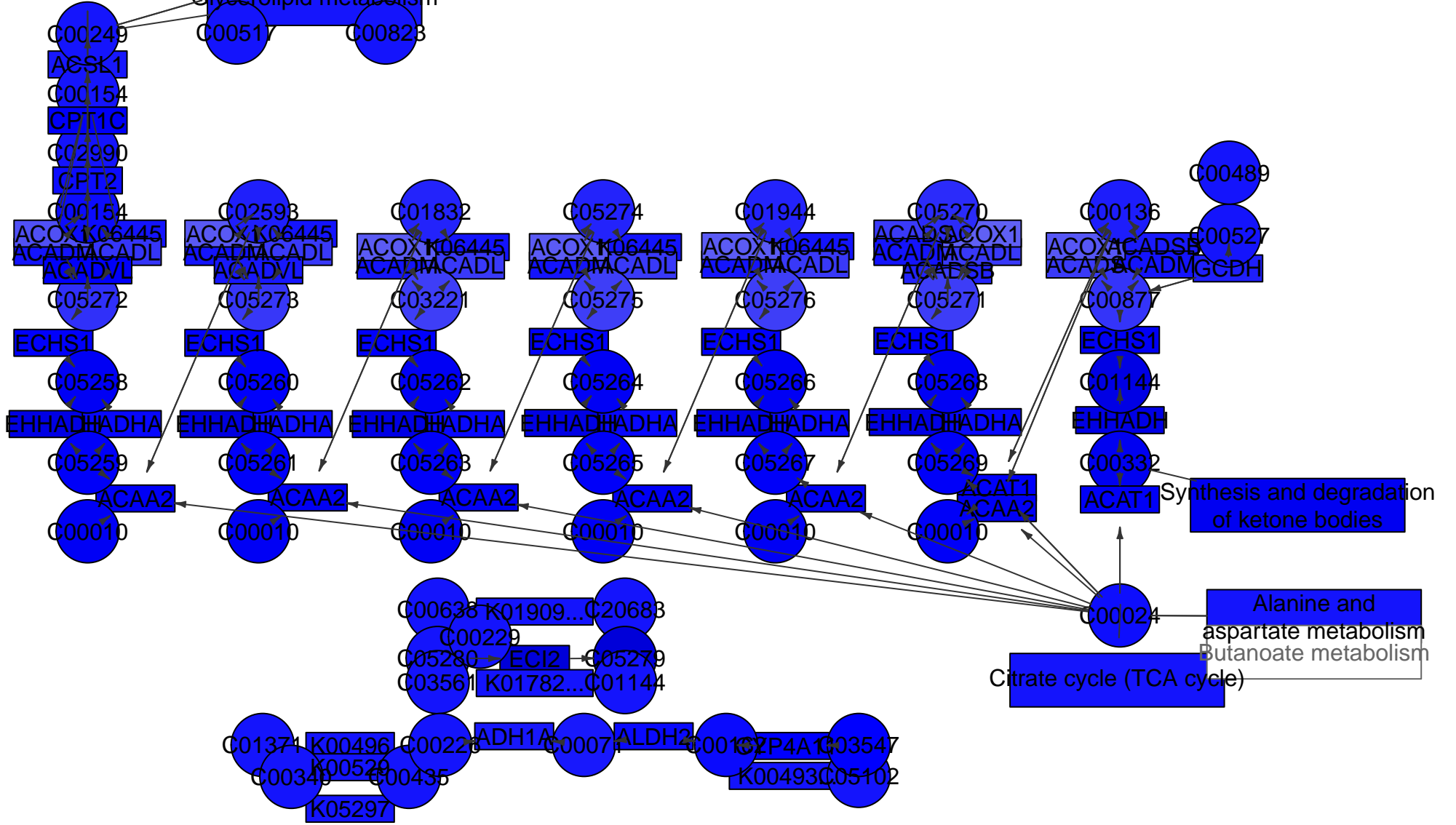
Fatty acid degradation
MPI-119

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



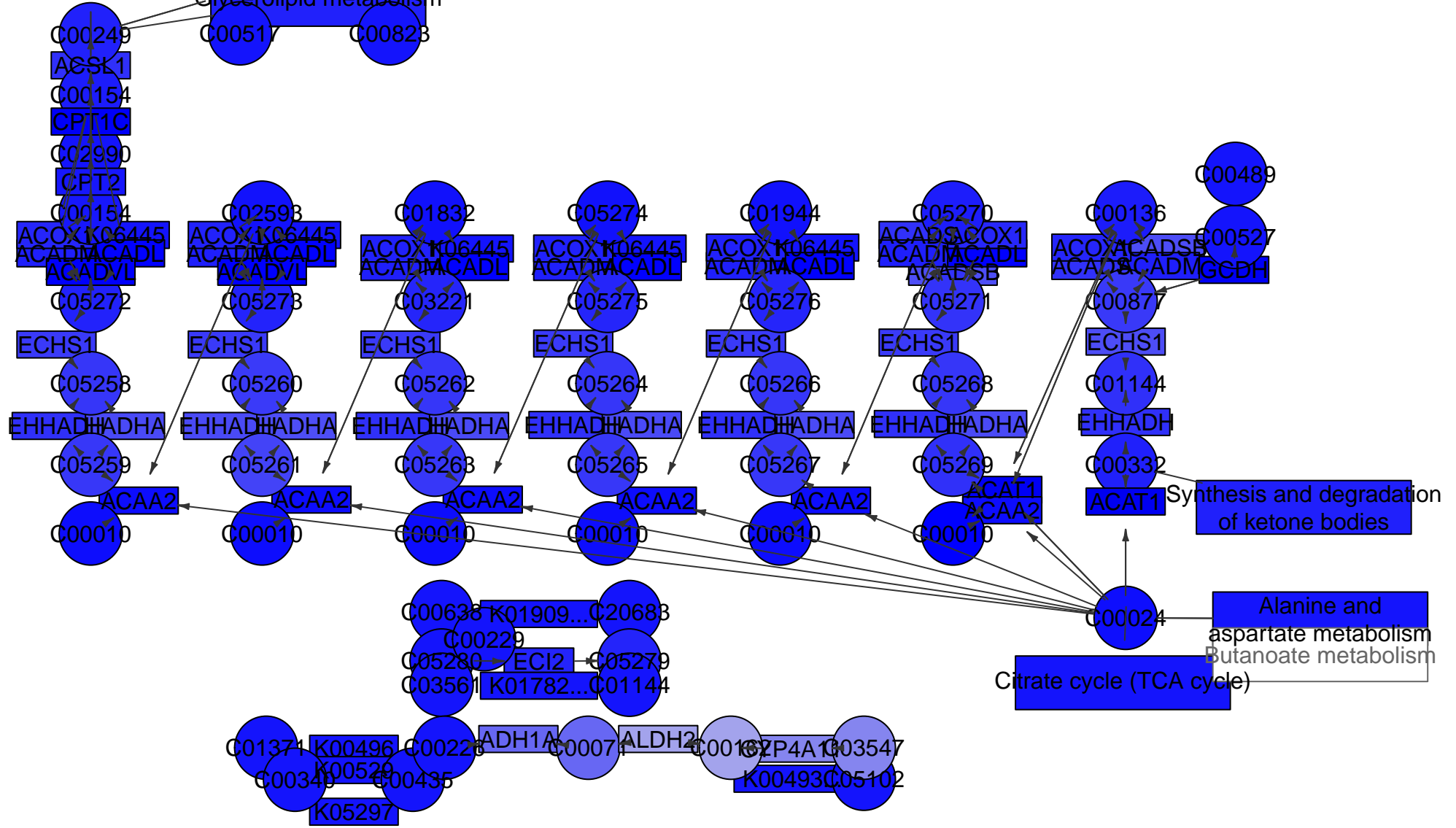
Fatty acid degradation
MPI-122

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



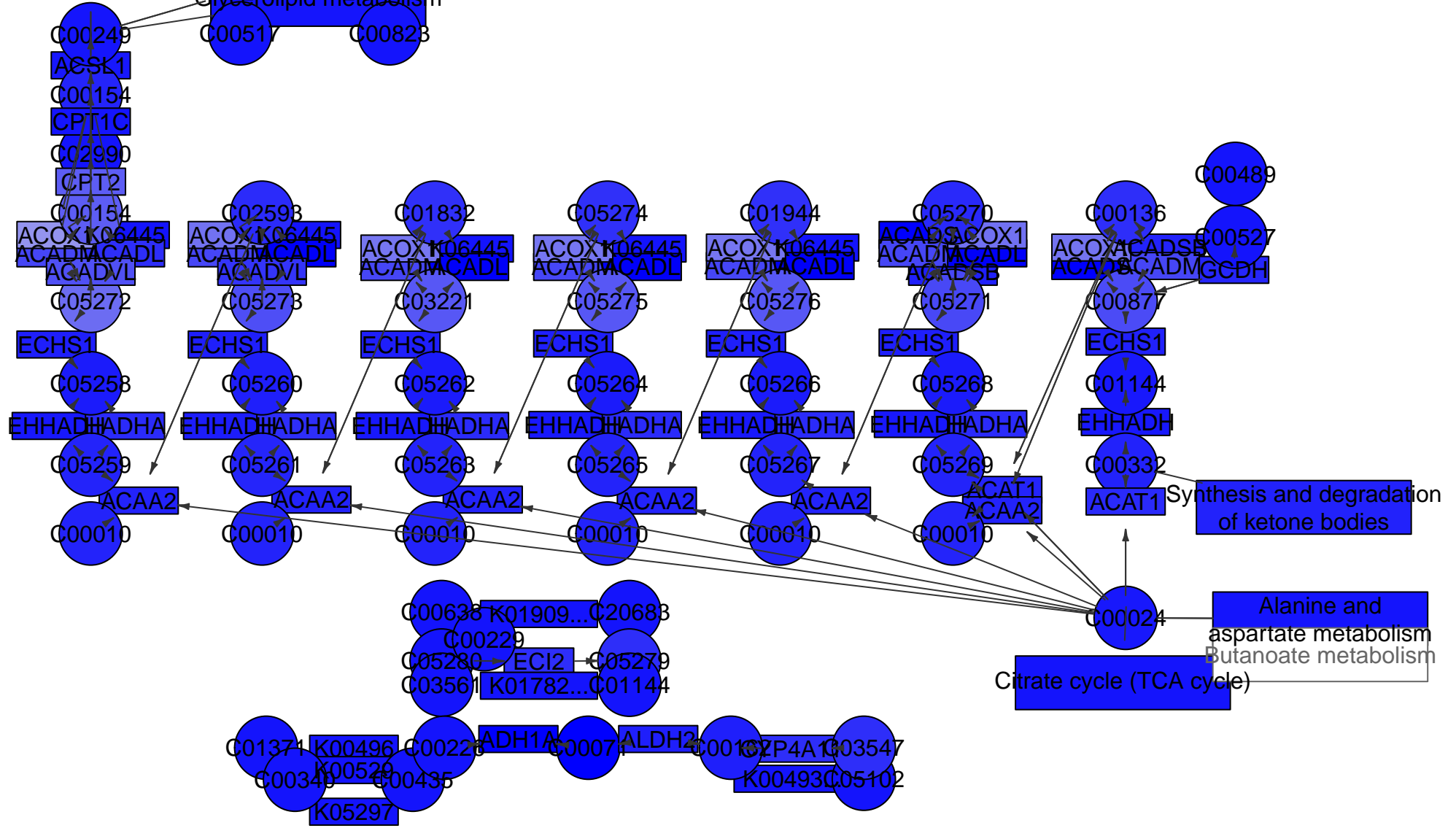
Fatty acid degradation
MPI-127

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



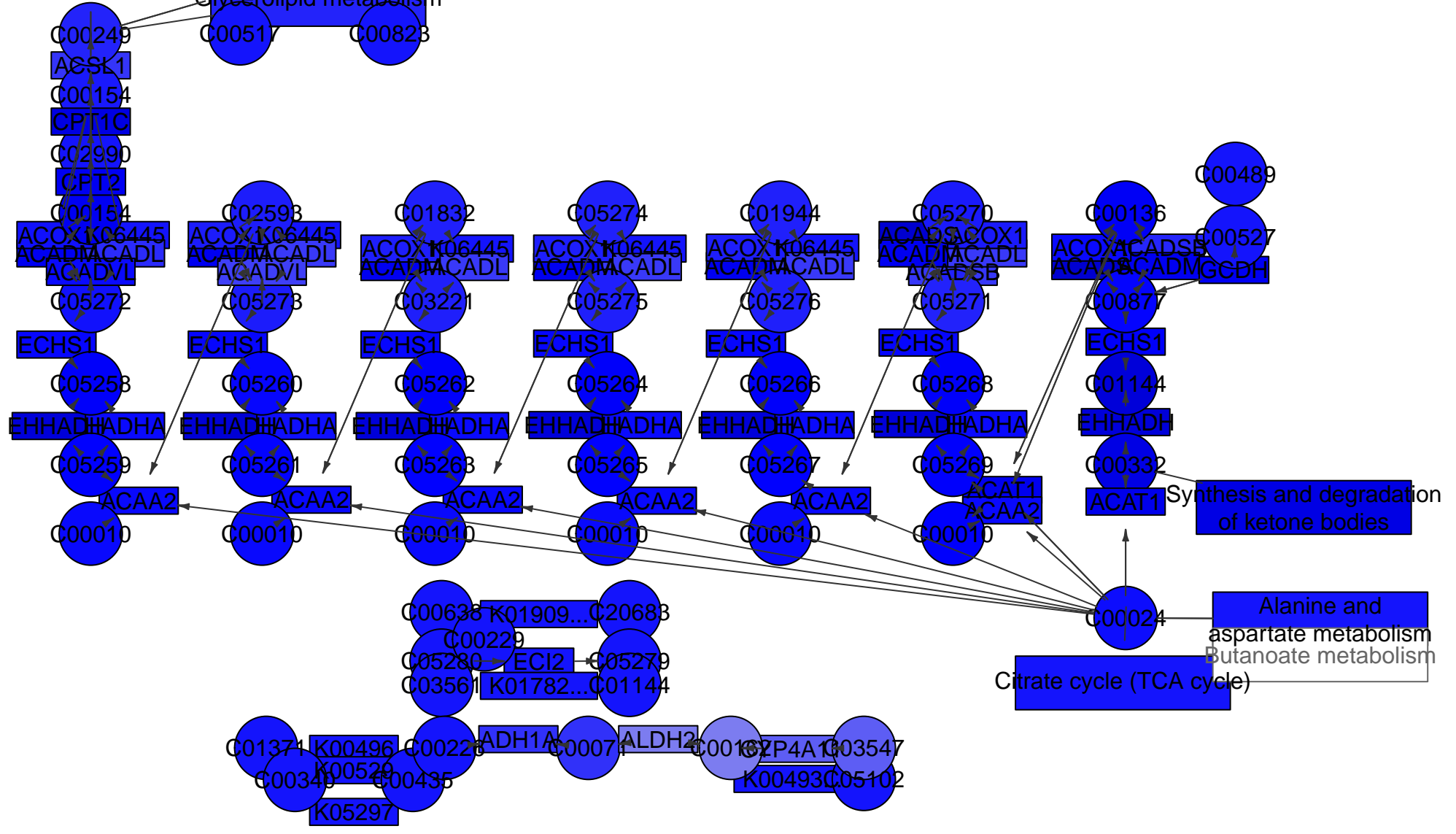
Fatty acid degradation
MPI-128

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



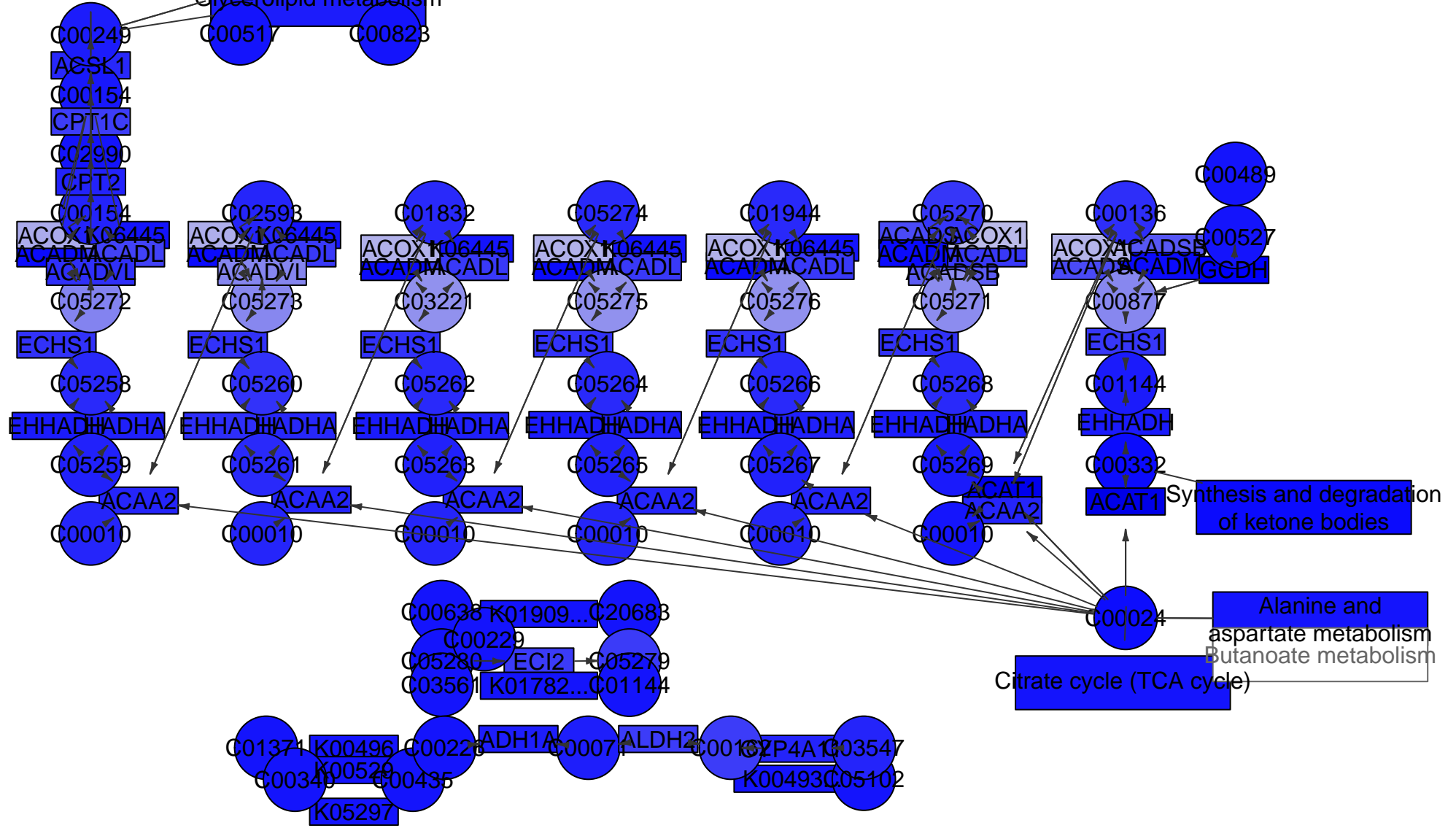
Fatty acid degradation
MPI-129

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



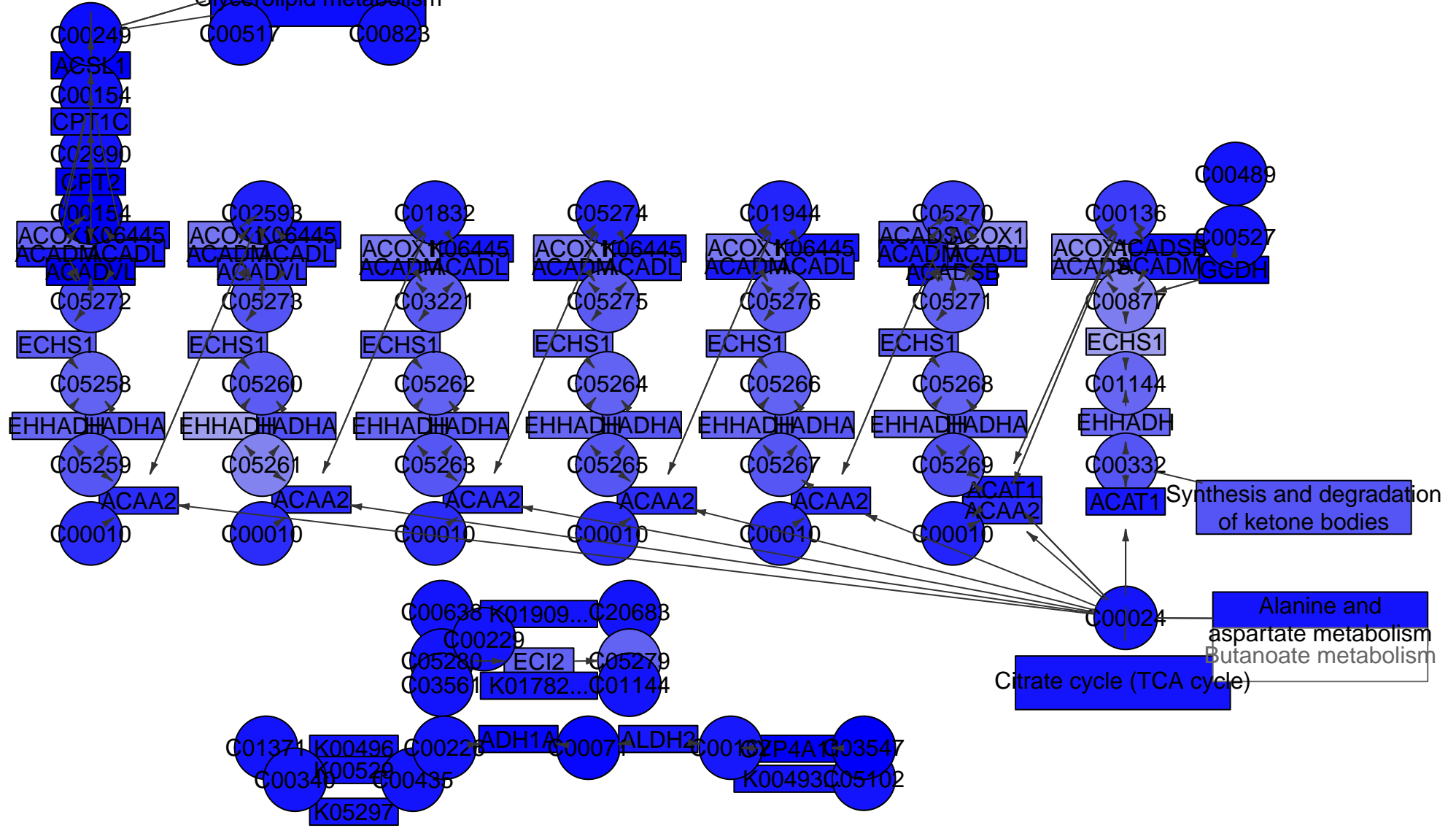
Fatty acid degradation
MPI-130

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



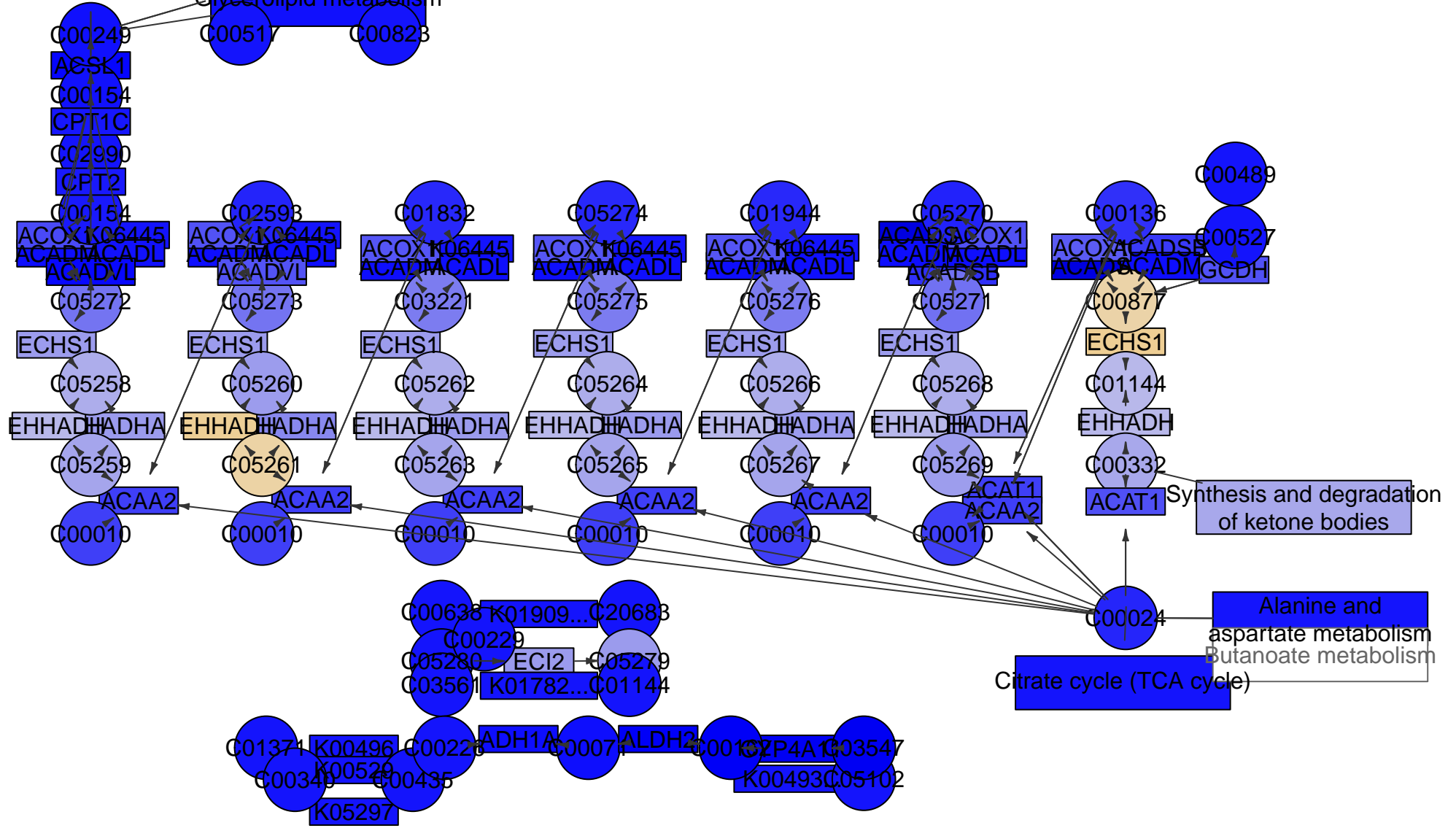
Fatty acid degradation
MPI-132

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



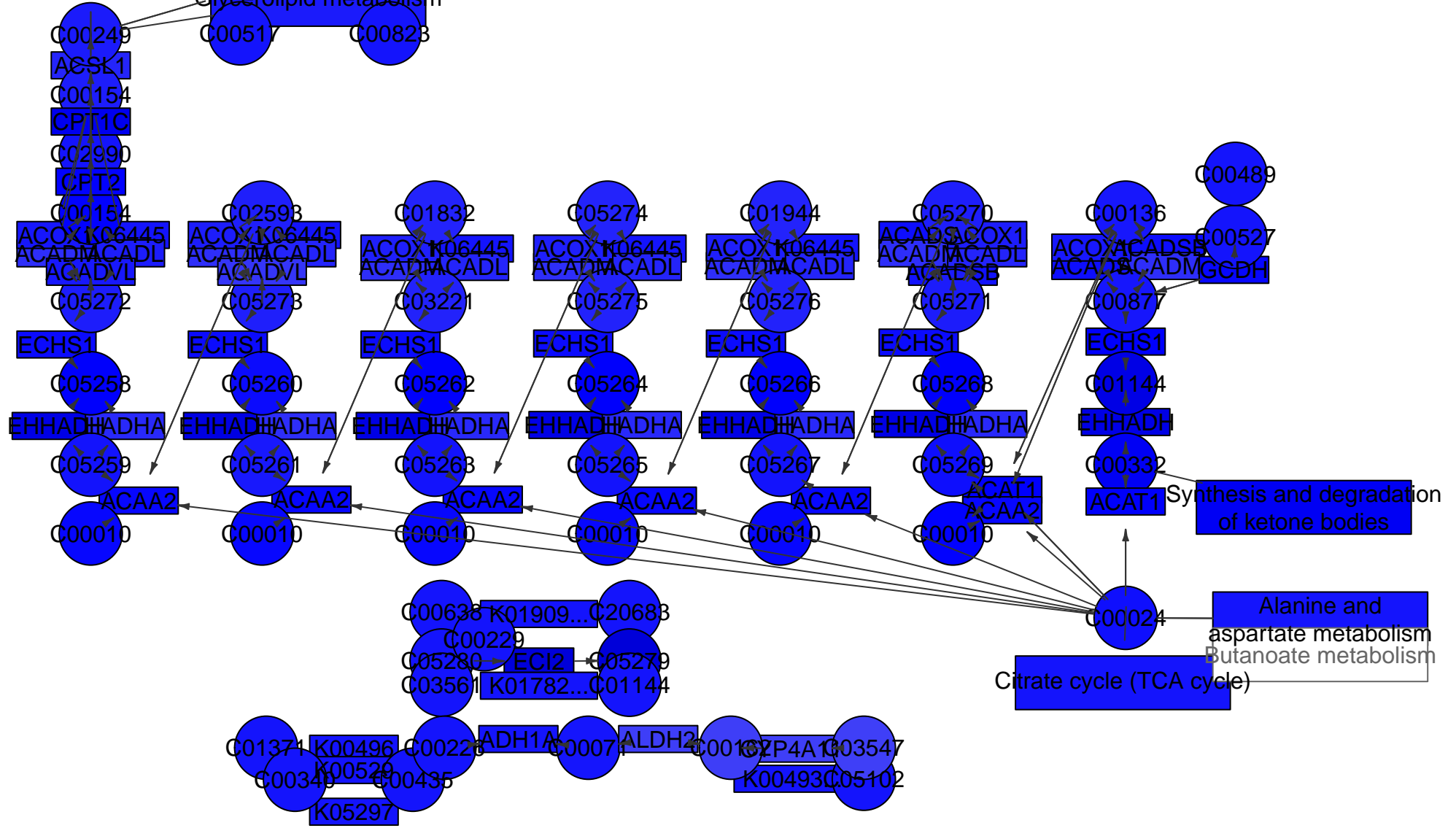
Fatty acid degradation
MPI-133

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



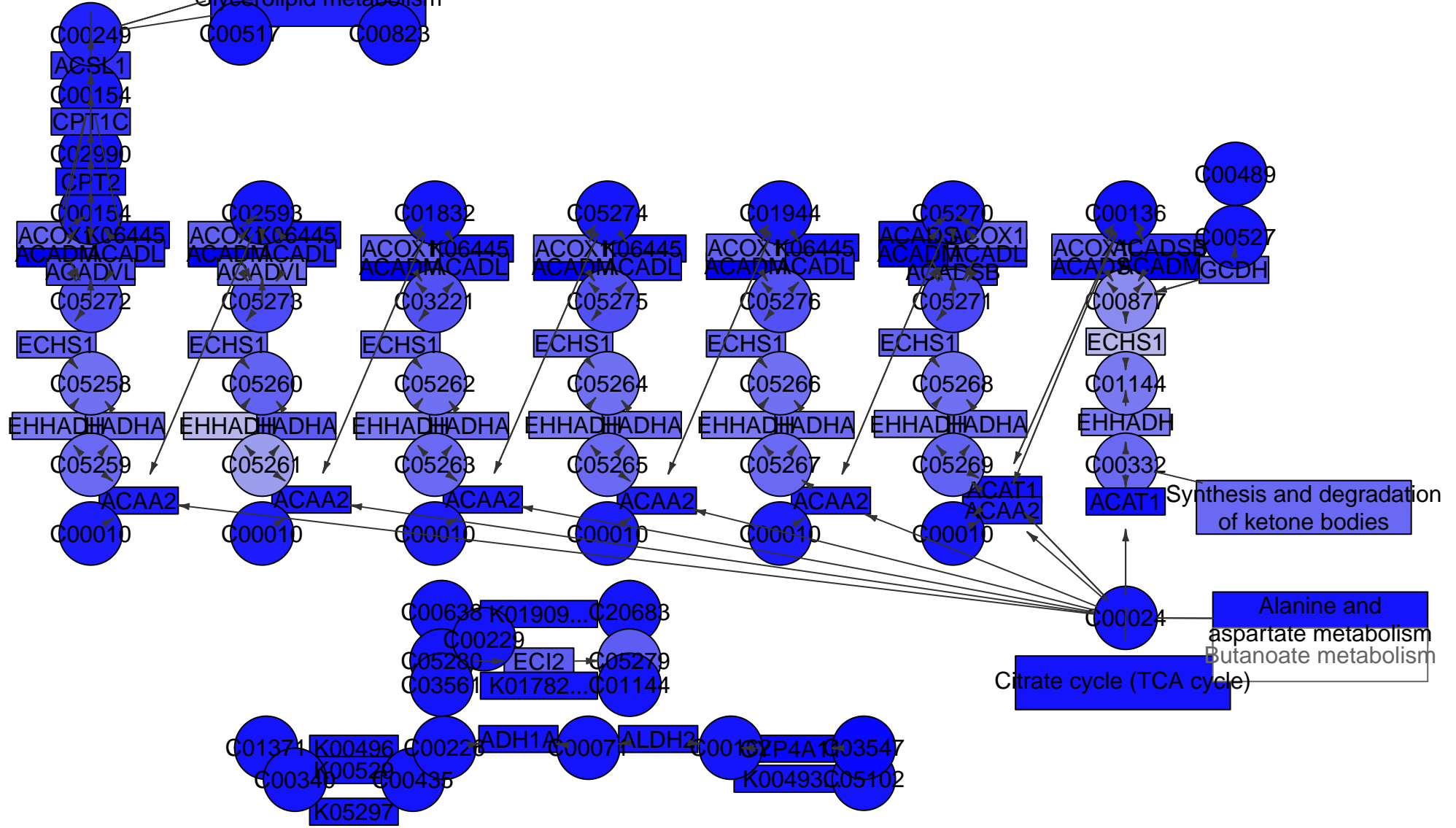
Fatty acid degradation
MPI-134

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



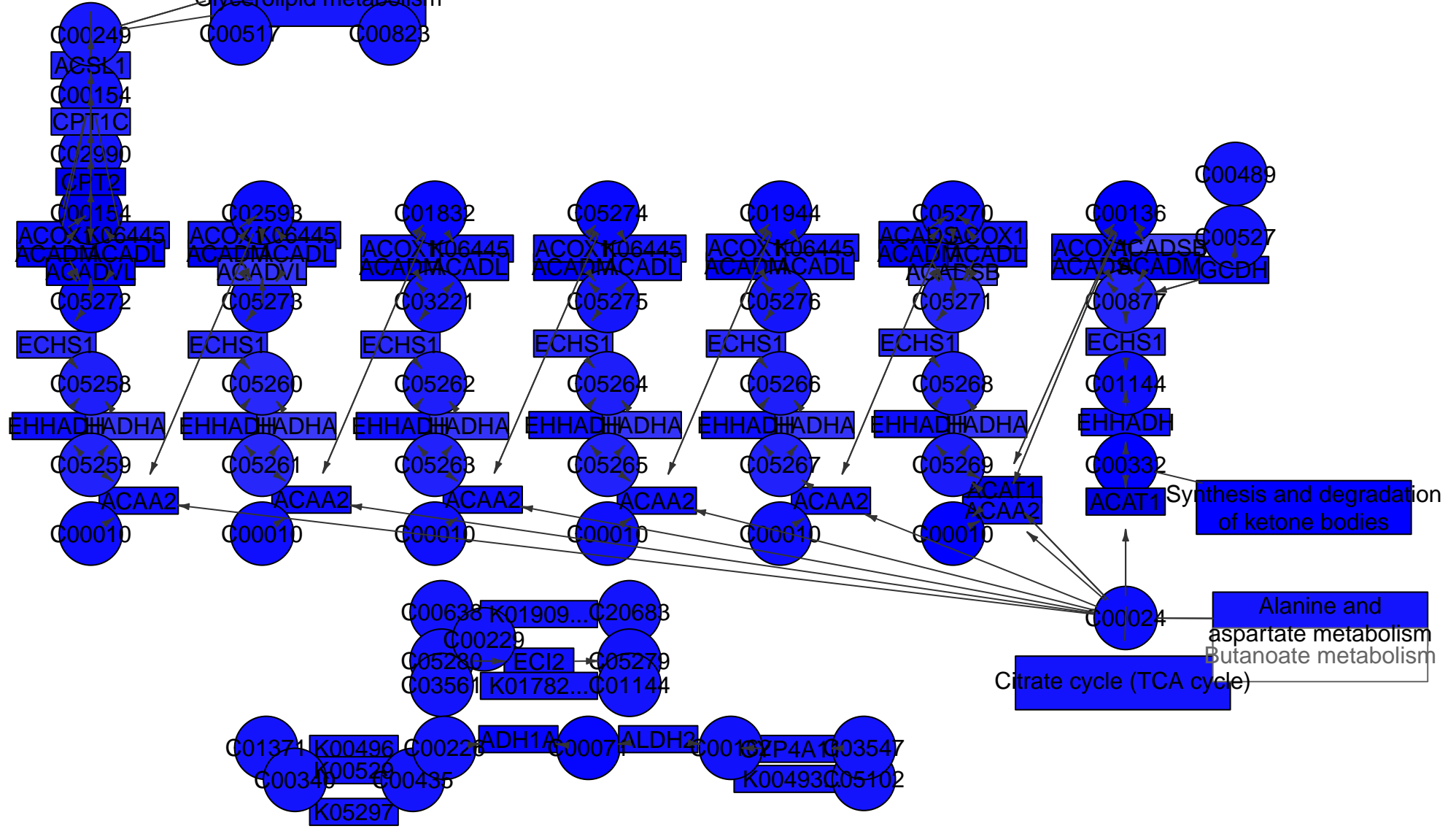
Fatty acid degradation
MPI-135

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



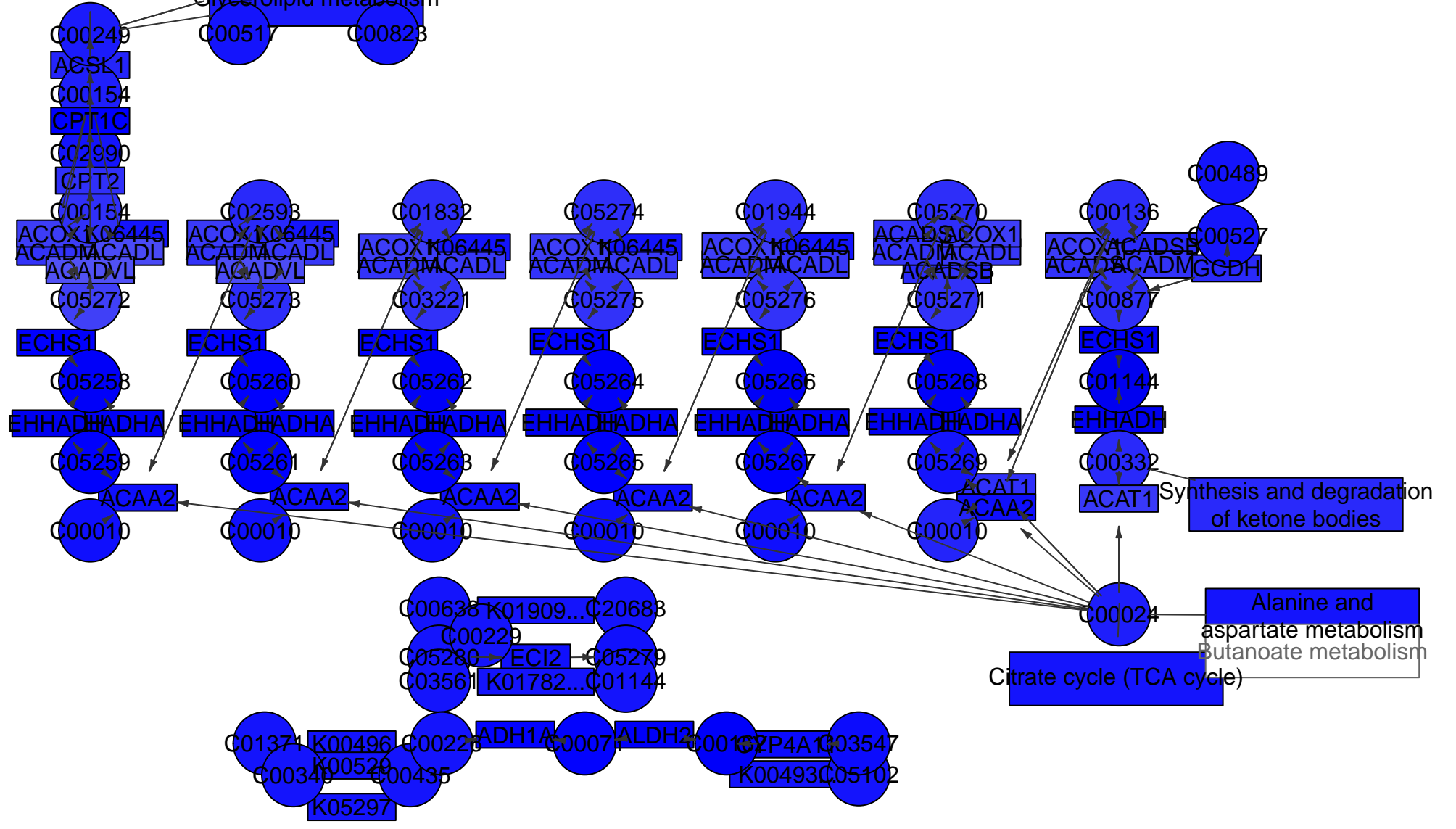
Fatty acid degradation
MPI-136

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



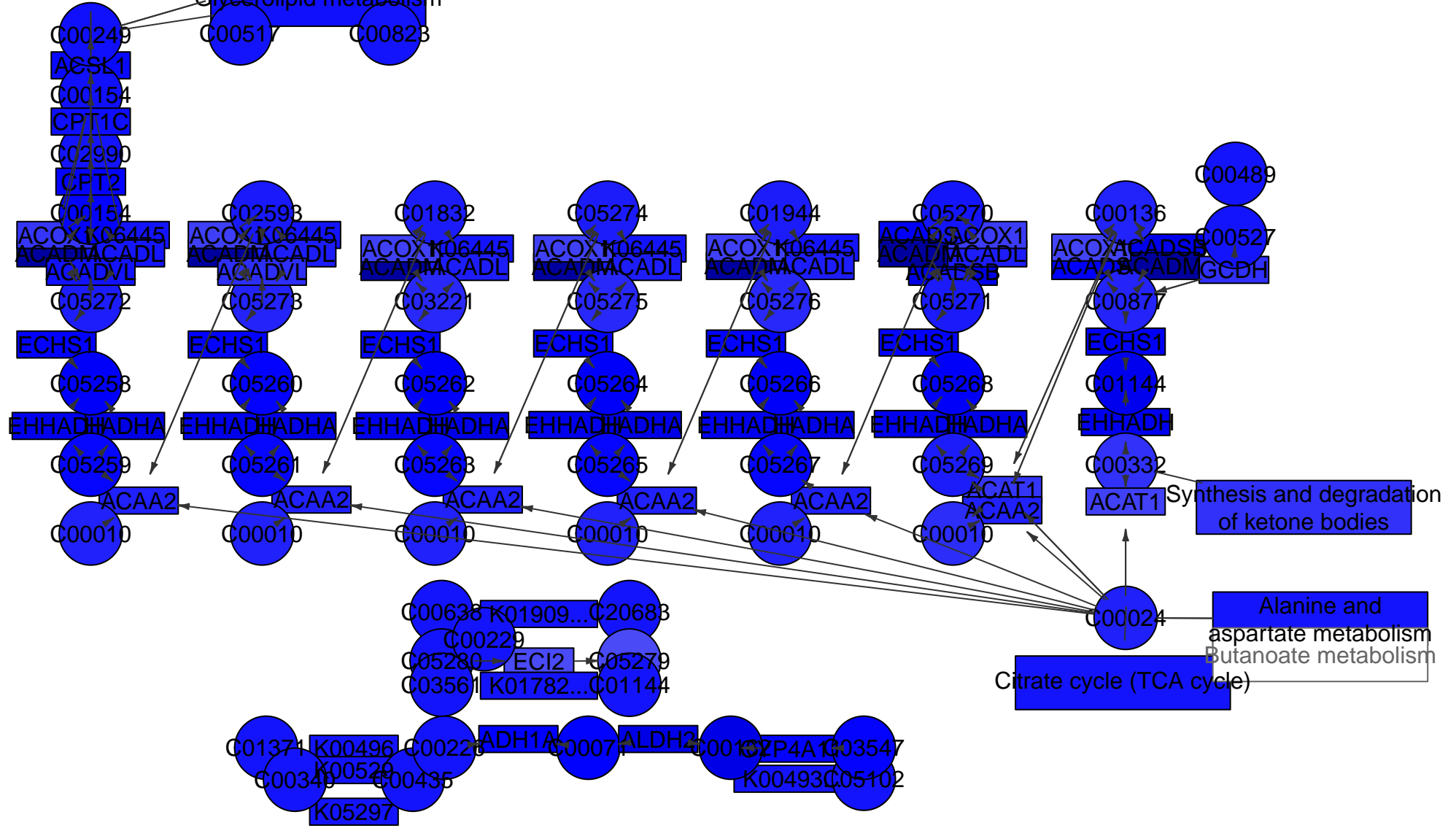
Fatty acid degradation
MPI-141

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



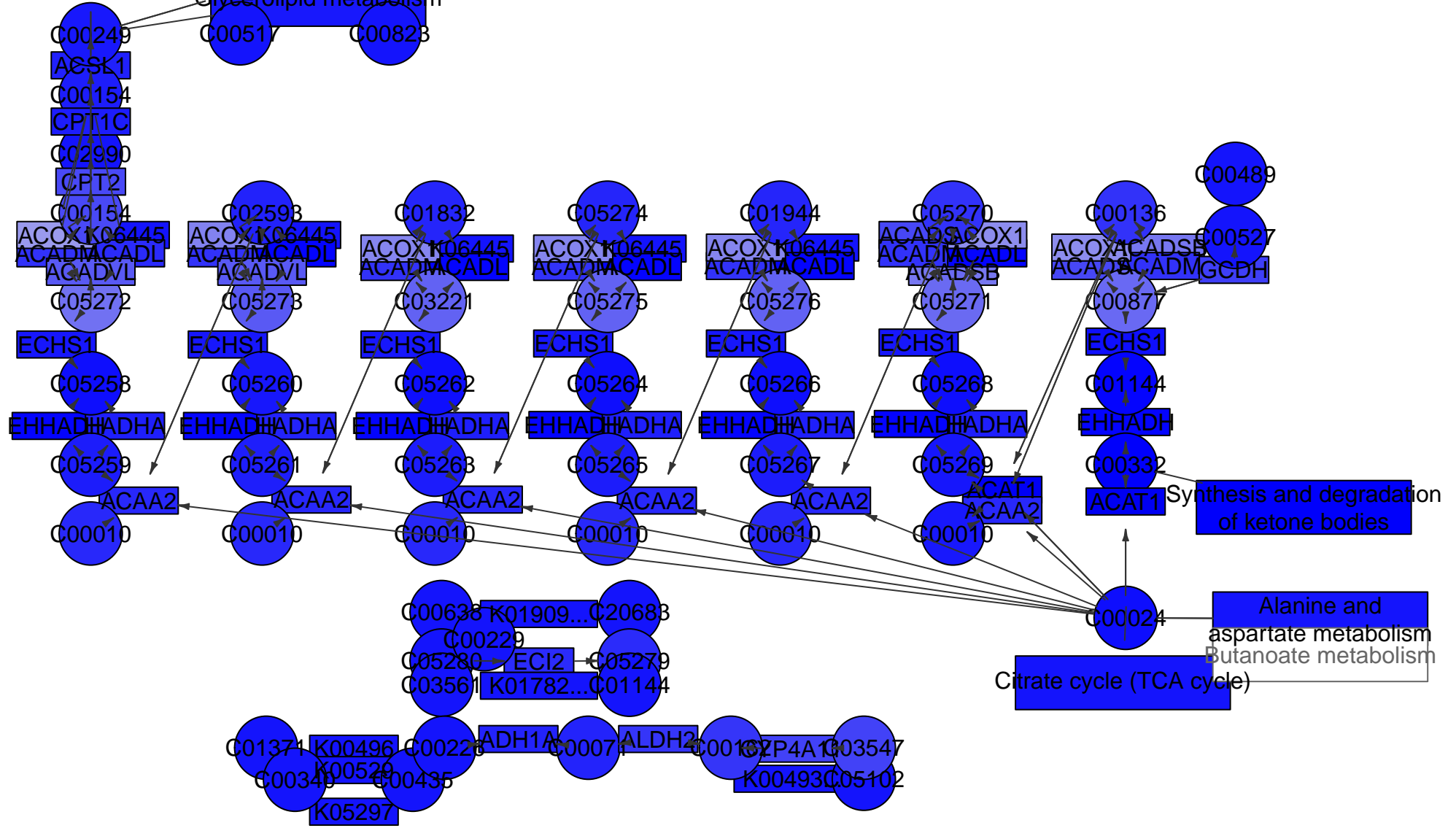
Fatty acid degradation
MPI-142

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



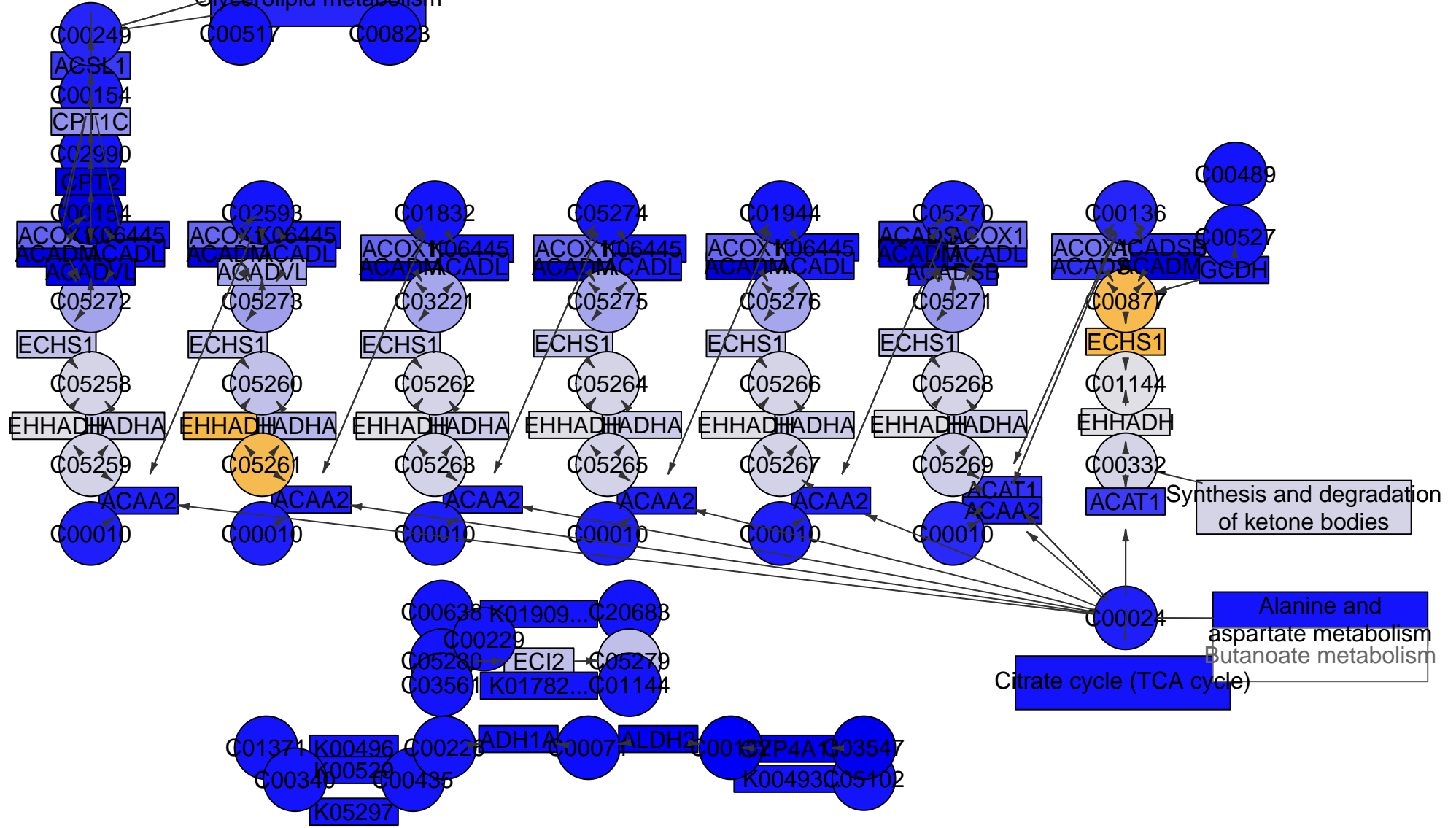
Fatty acid degradation
MPI-145

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



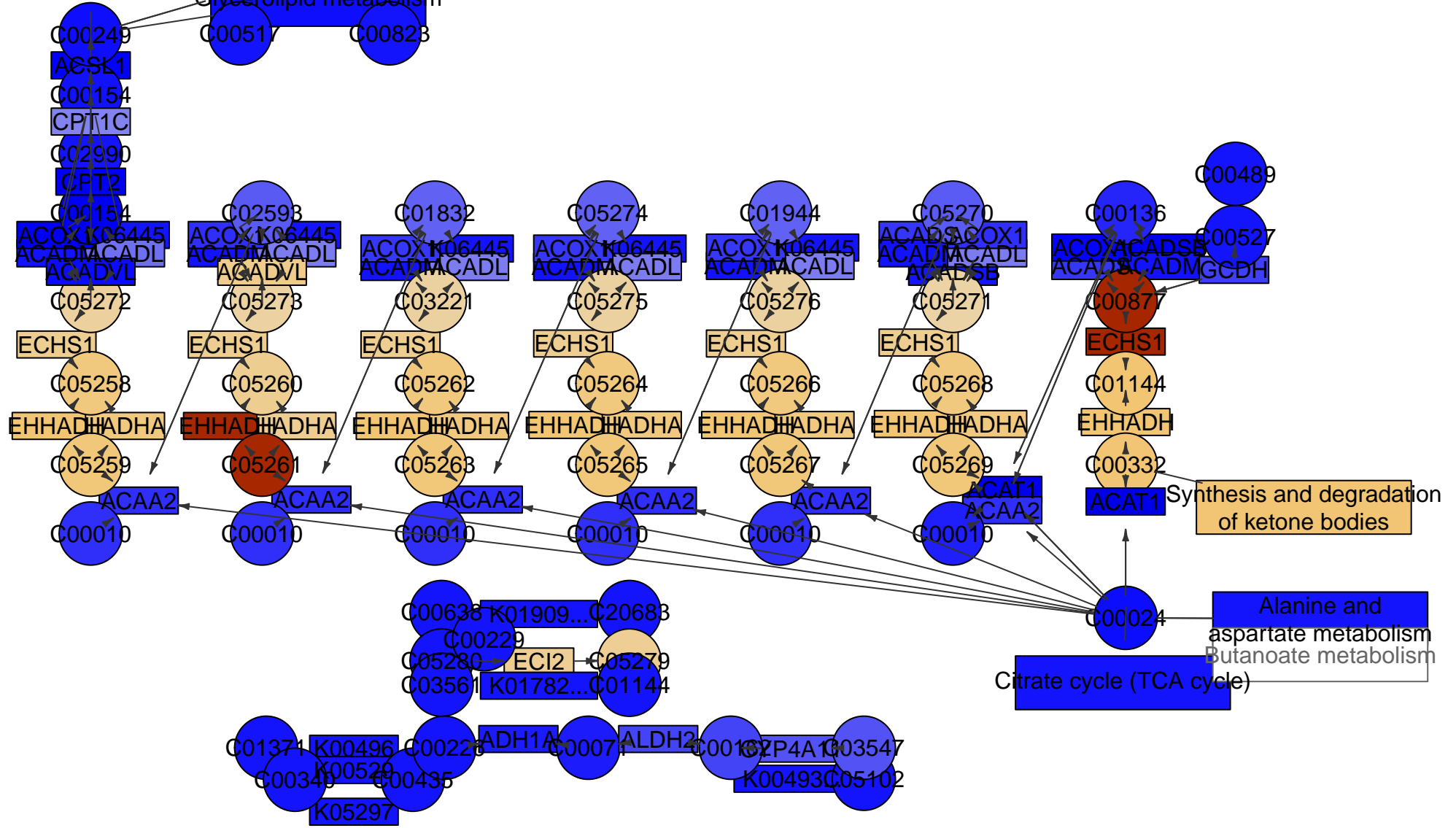
Fatty acid degradation
MPI-146

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



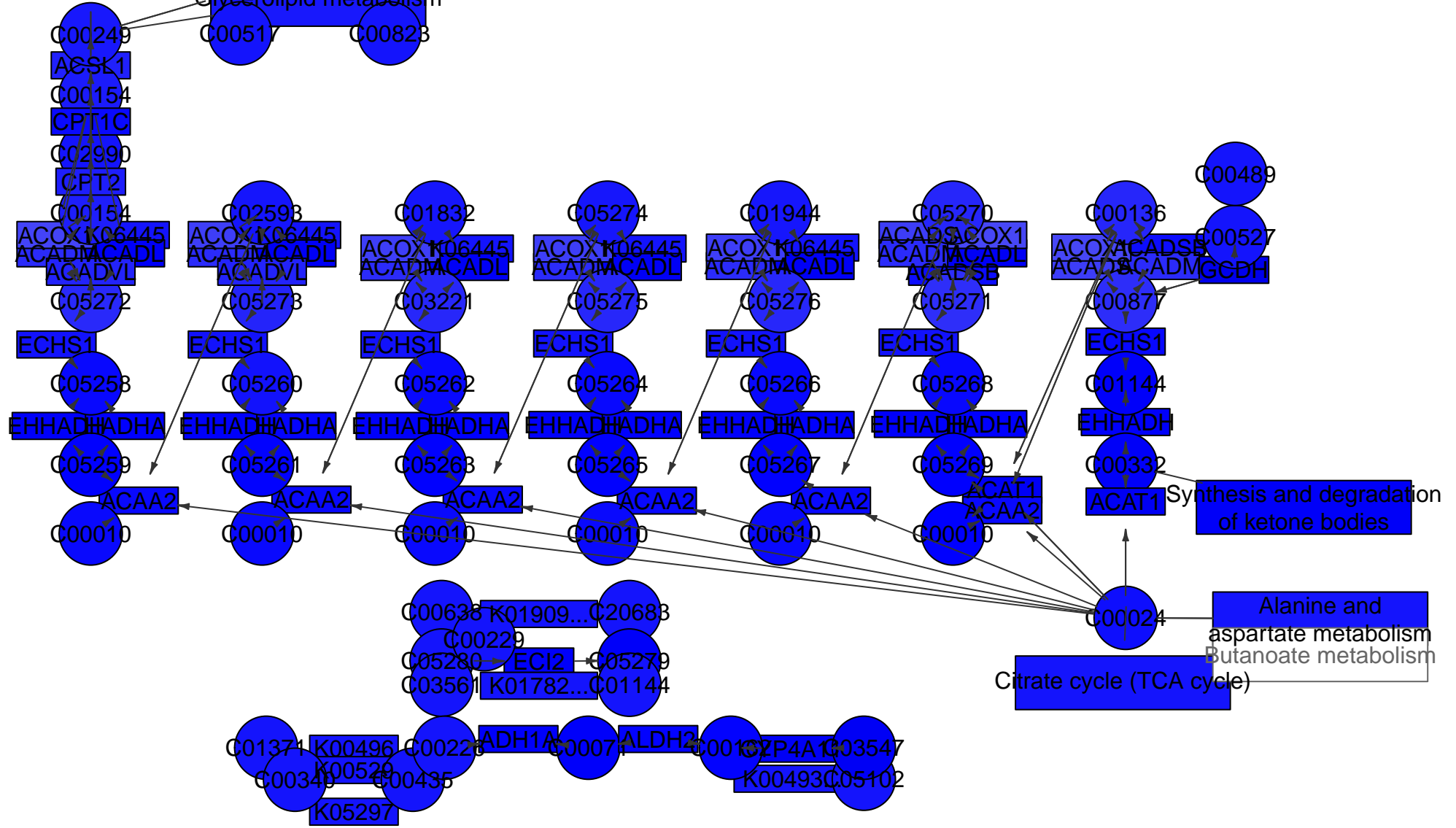
Fatty acid degradation
MPI-149

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



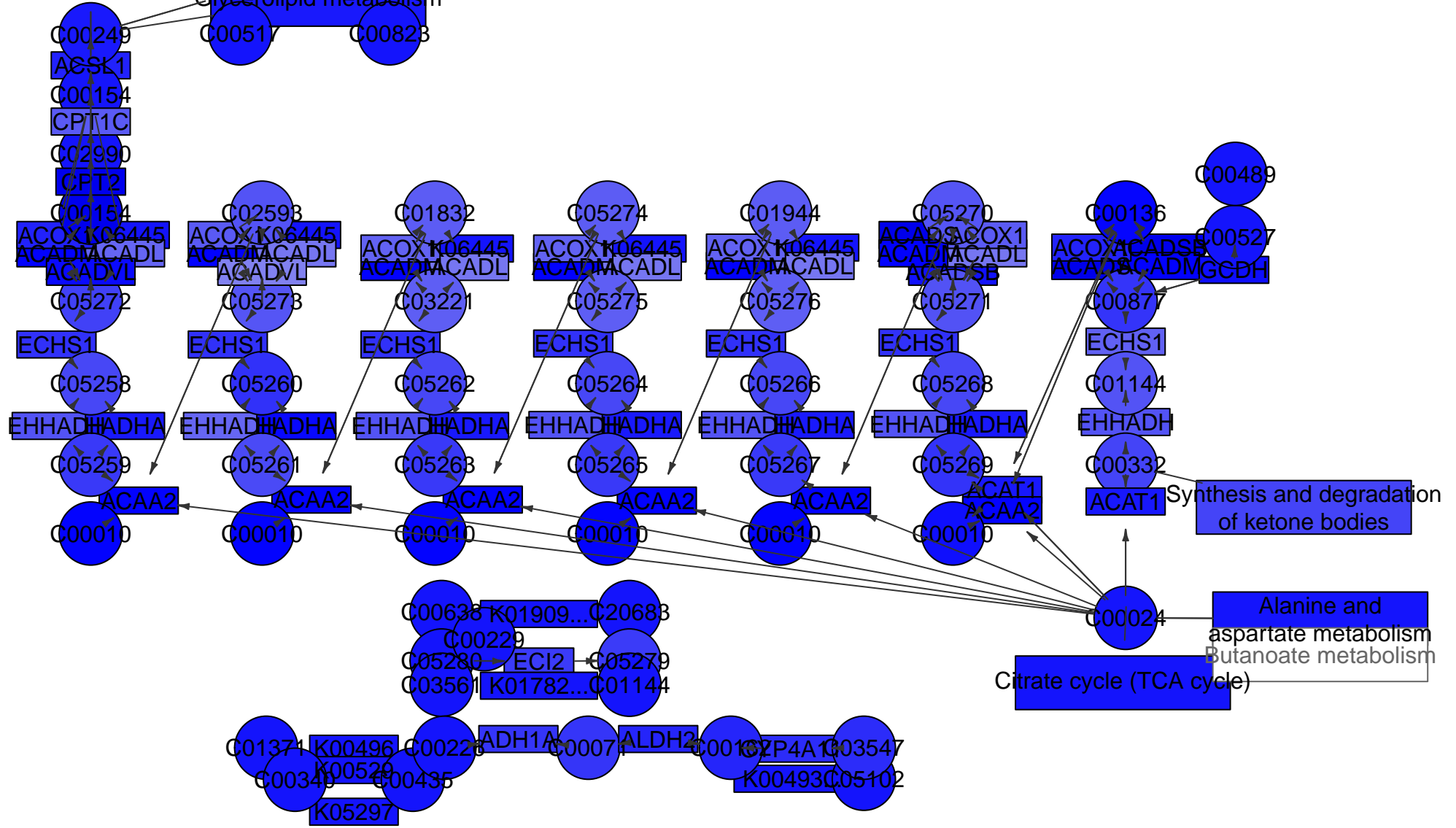
Fatty acid degradation
MPI-150

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



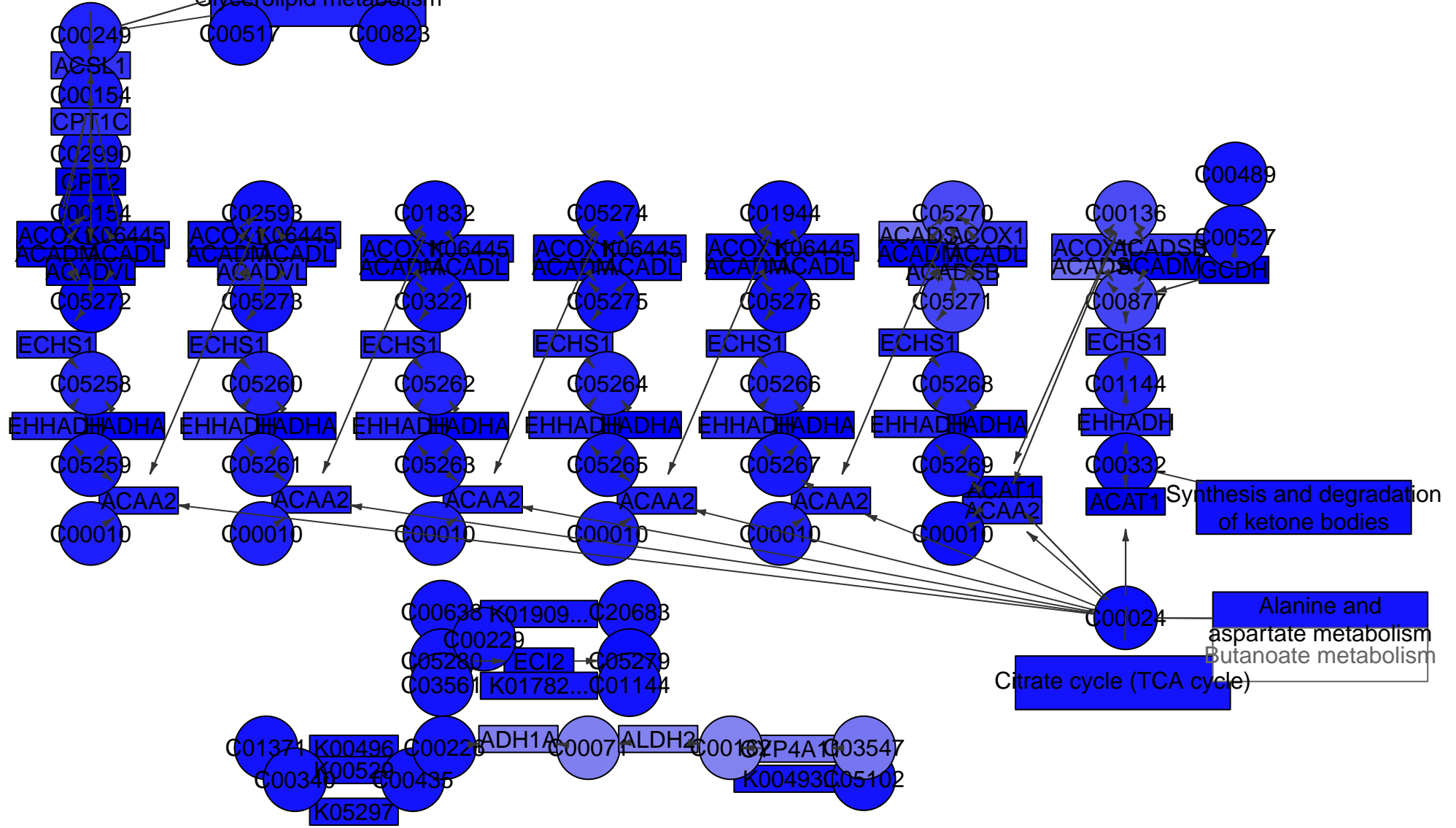
Fatty acid degradation
MPI-151

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



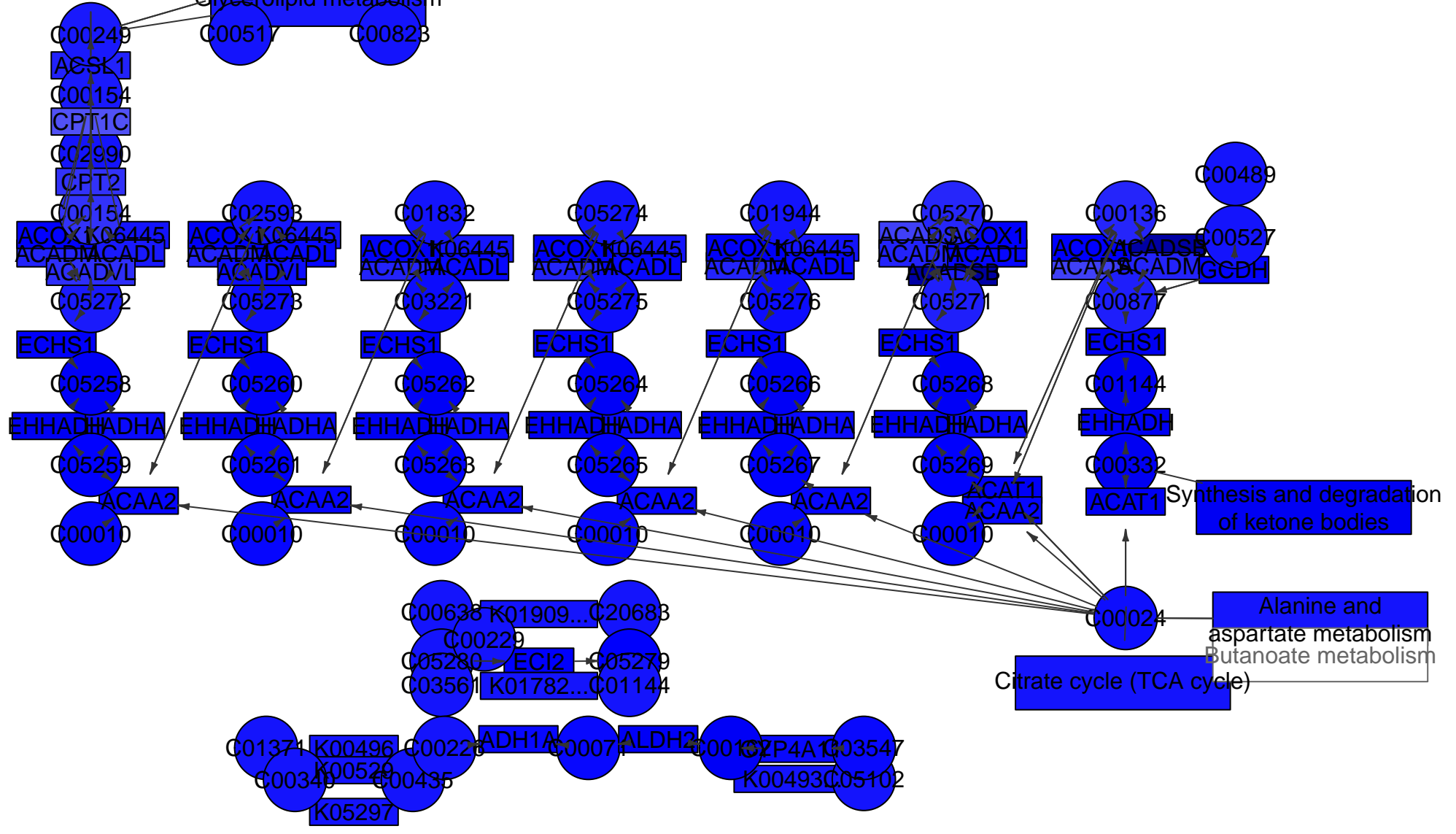
Fatty acid degradation
MPI-152

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



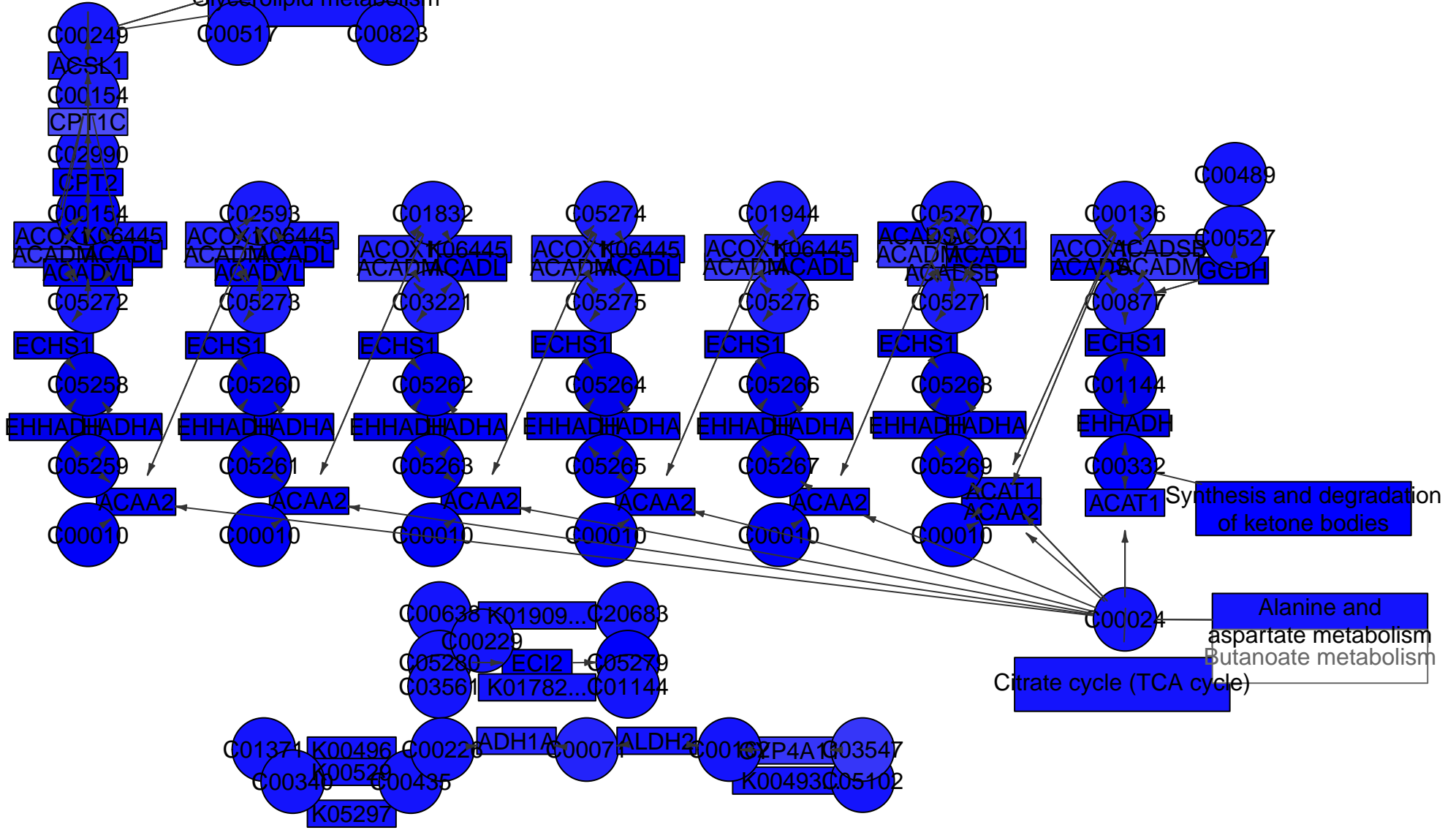
Fatty acid degradation
MPI-153

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



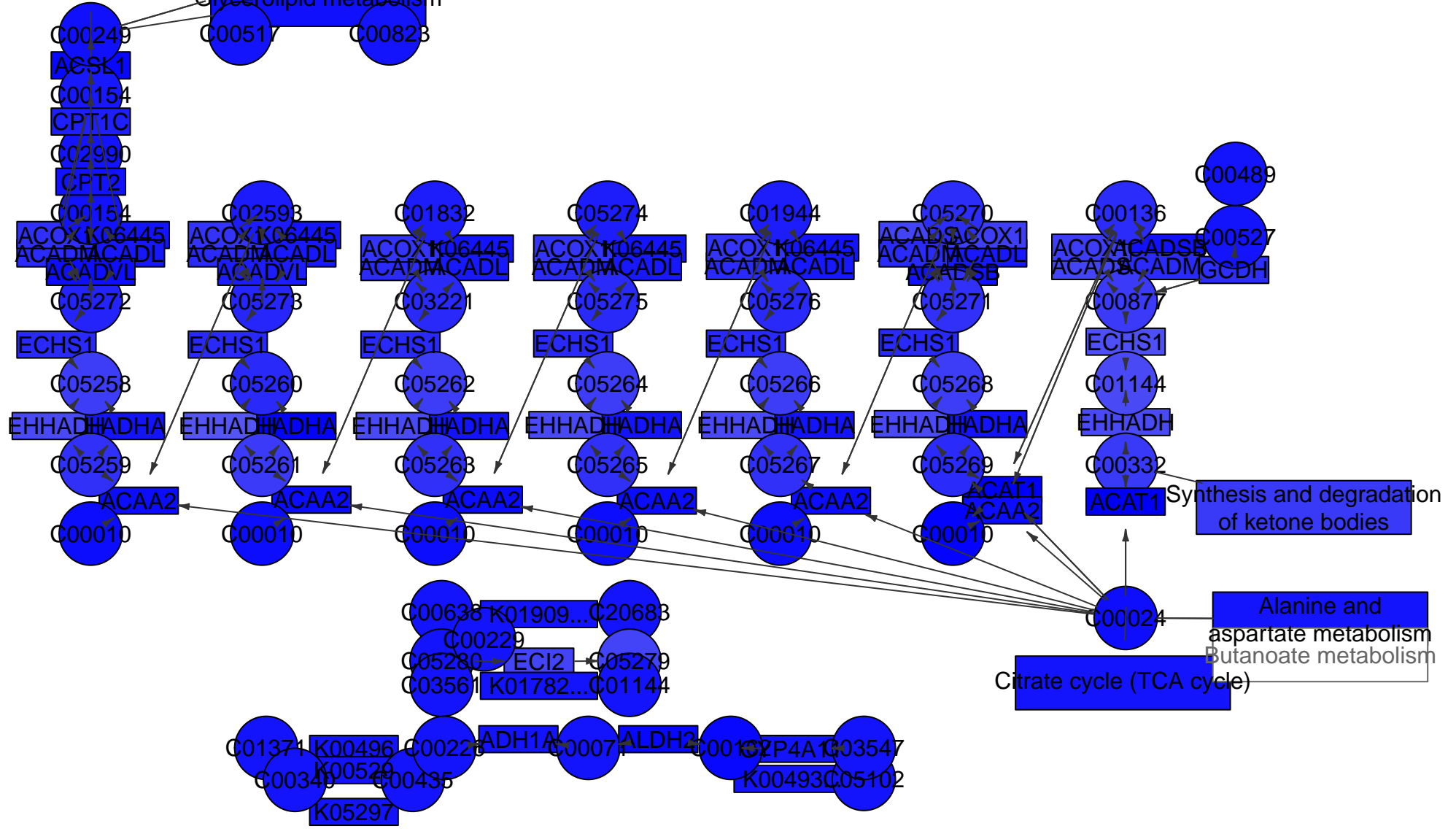
Fatty acid degradation
MPI-154

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



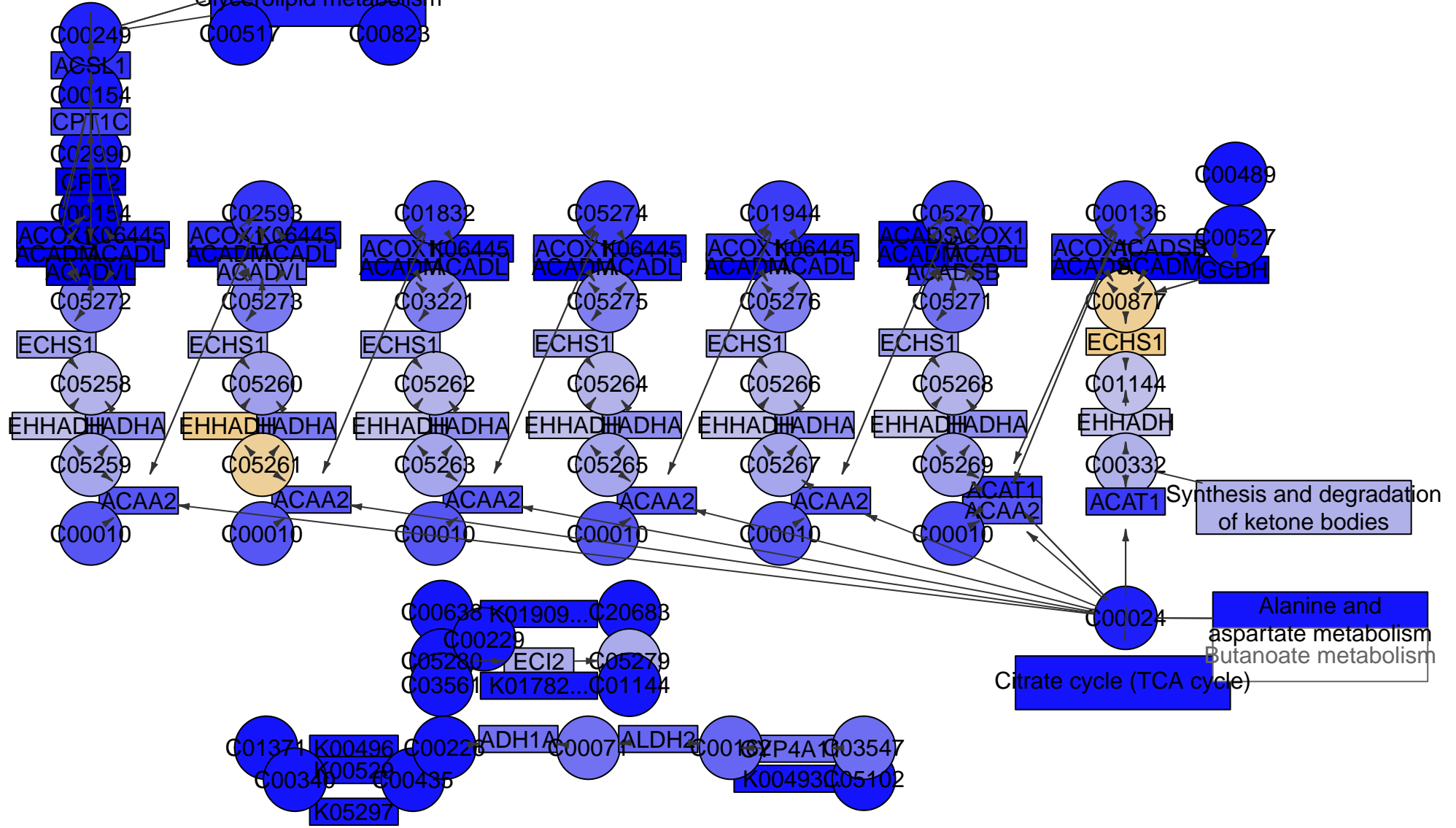
Fatty acid degradation
MPI-155

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



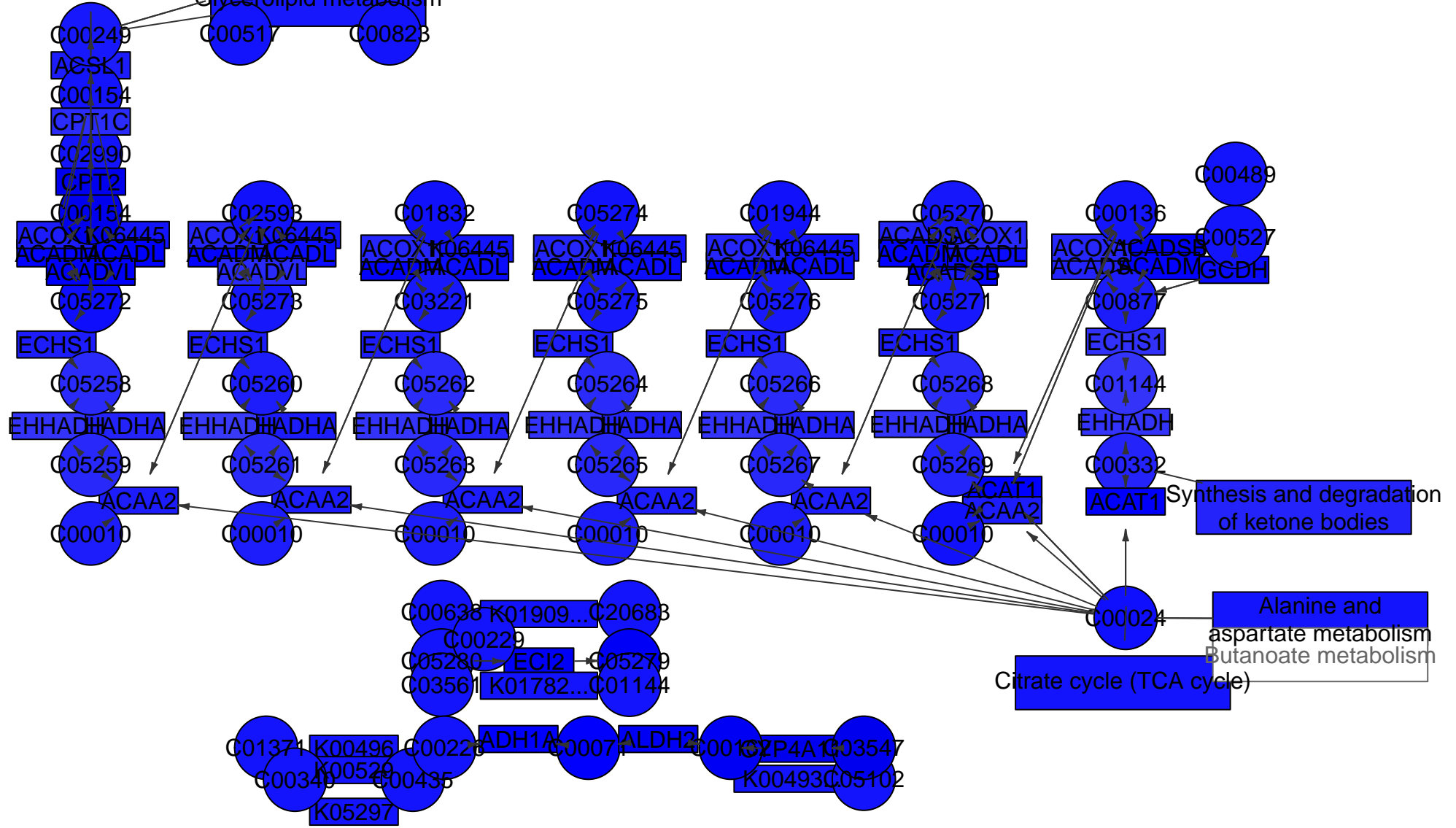
Fatty acid degradation
MPI-159

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



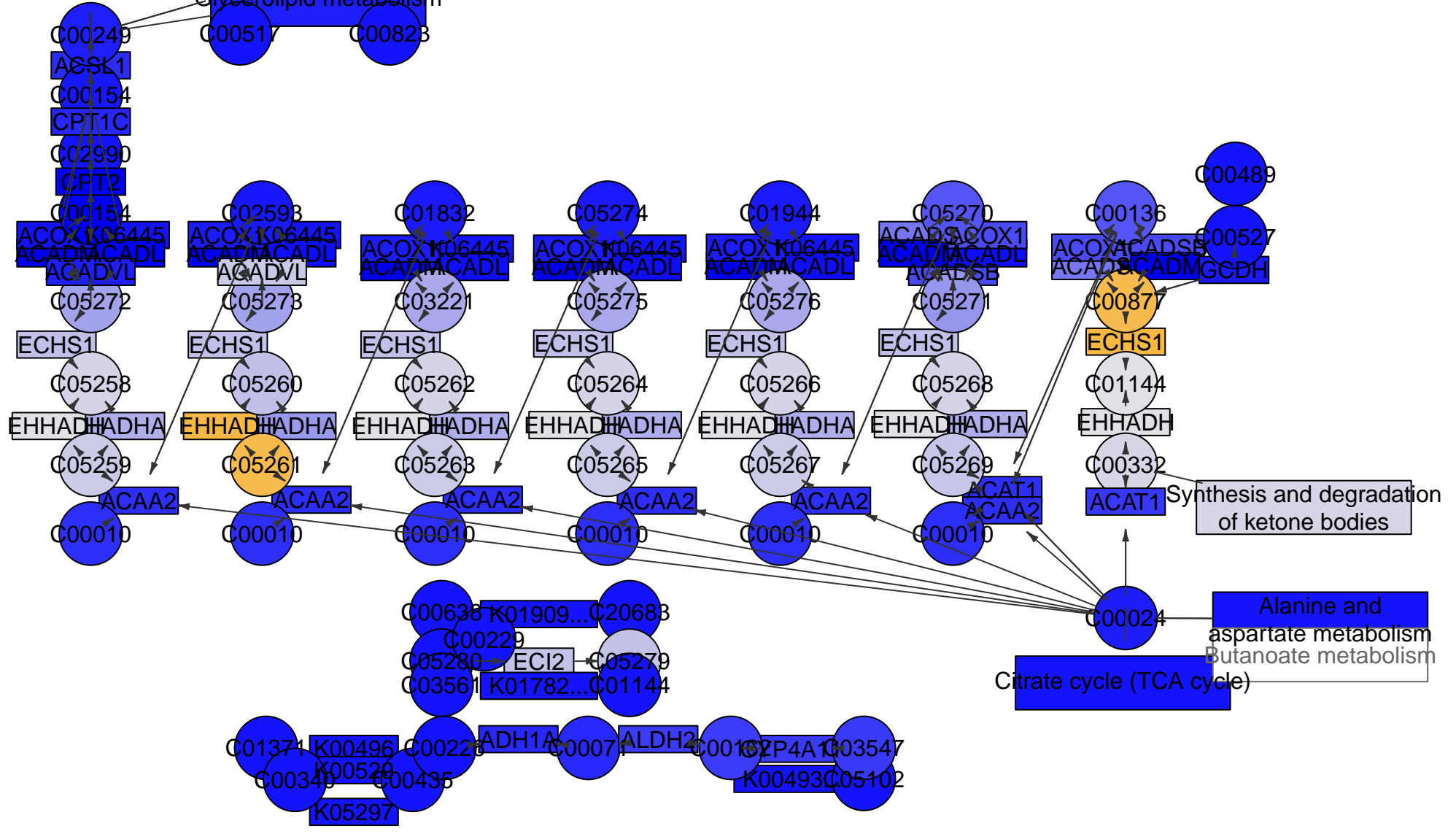
Fatty acid degradation
MPI-163

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



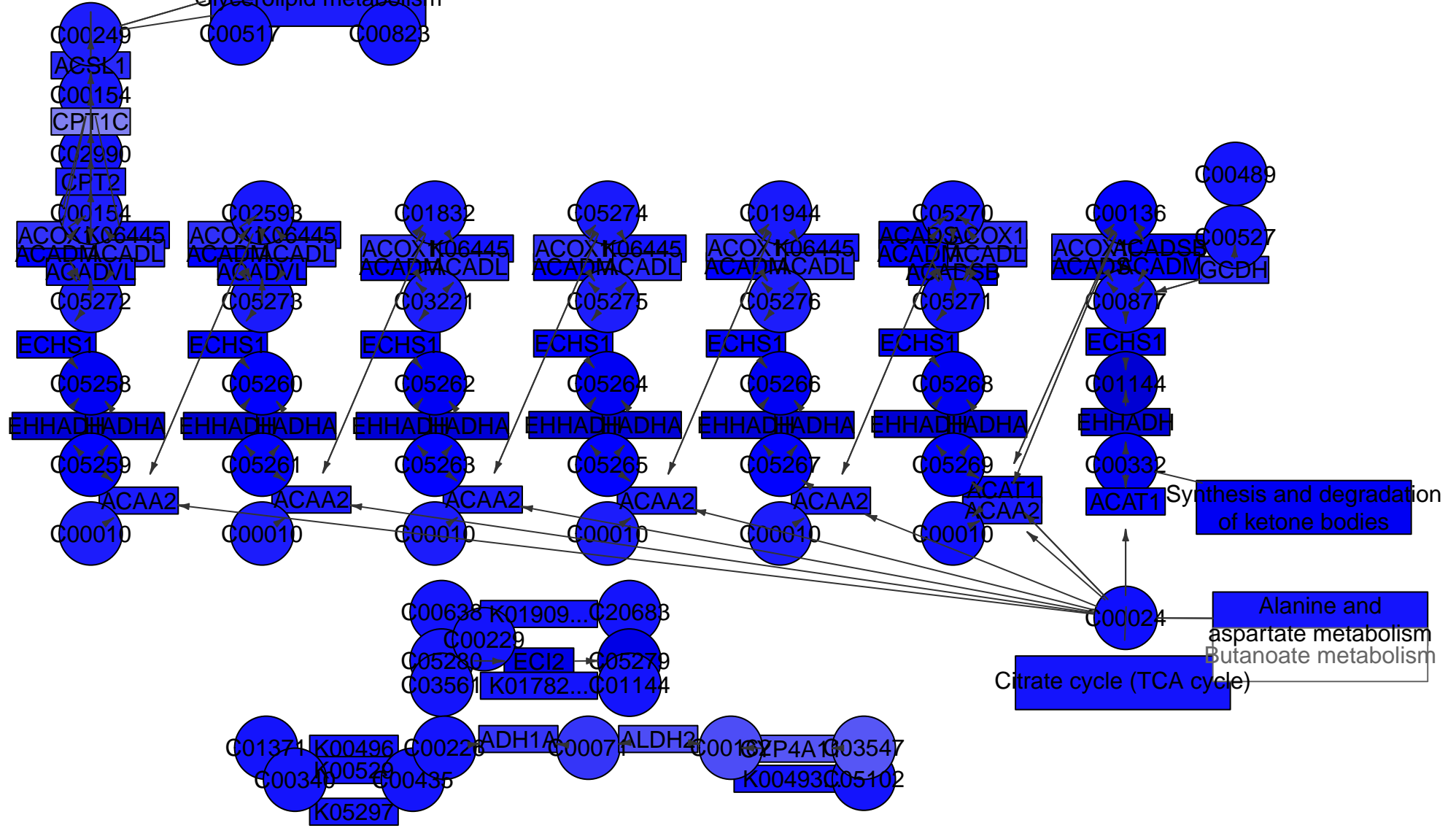
Fatty acid degradation
MPI-164

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



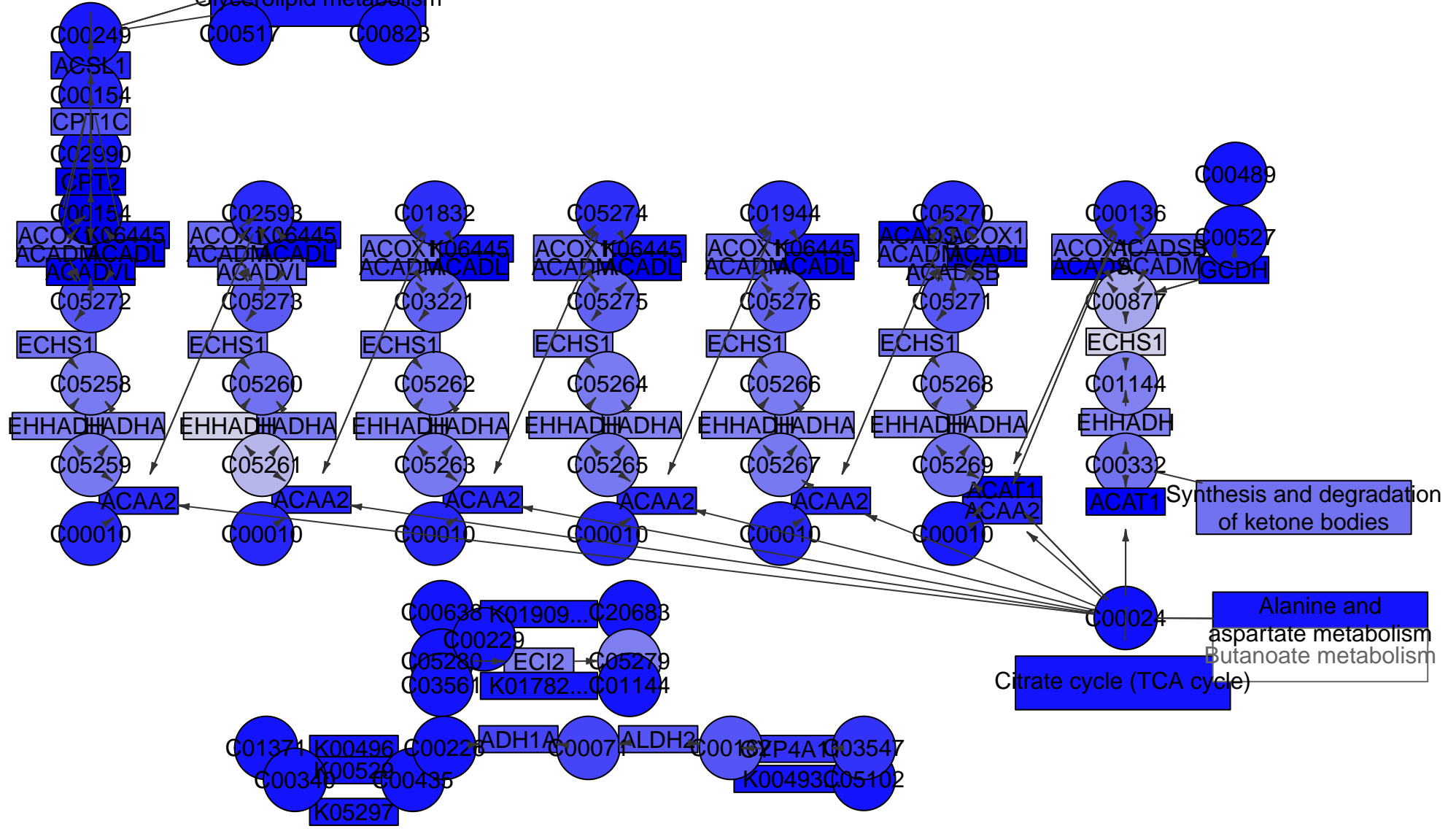
Fatty acid degradation
MPI-166

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



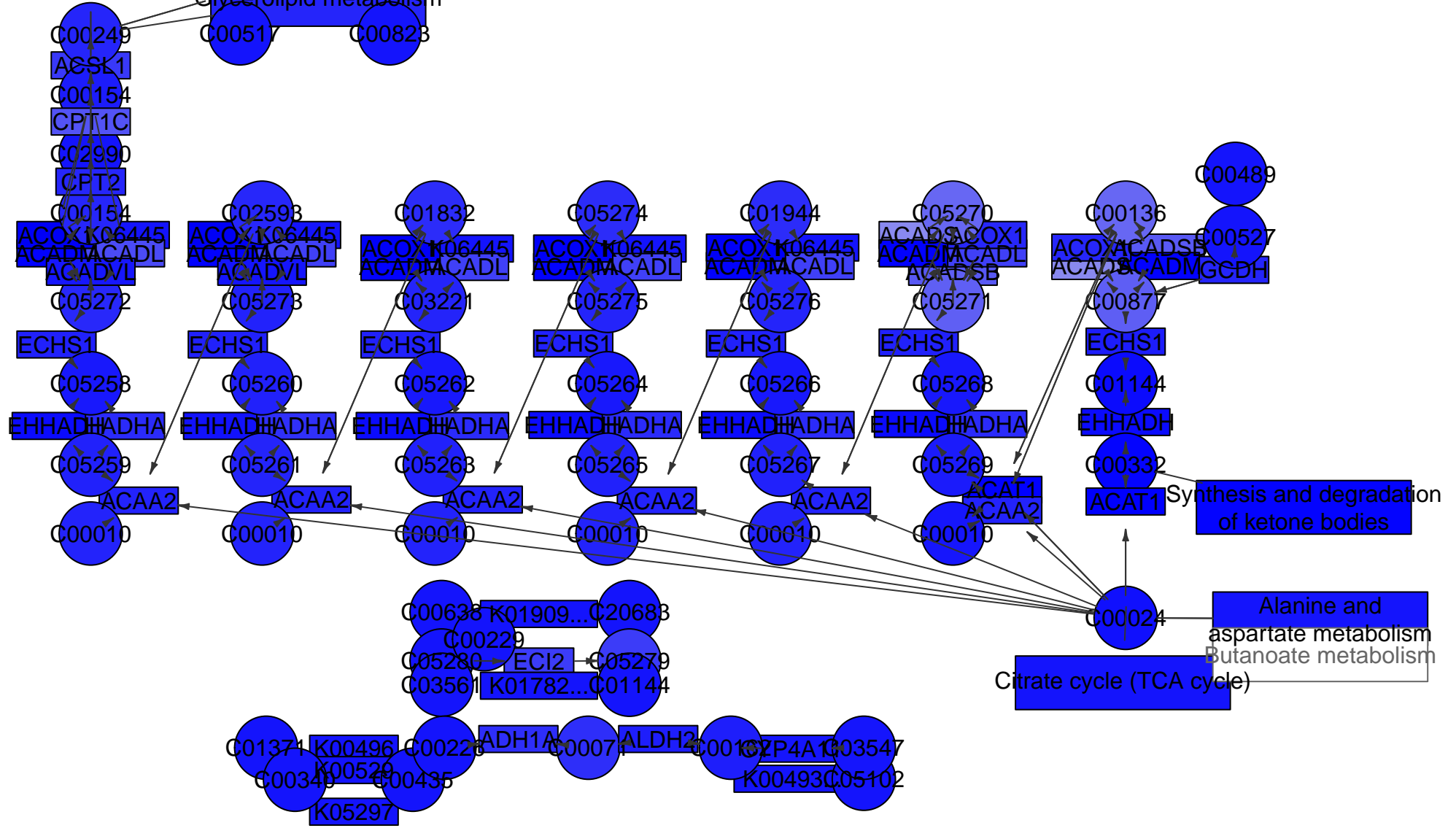
Fatty acid degradation
MPI-167

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



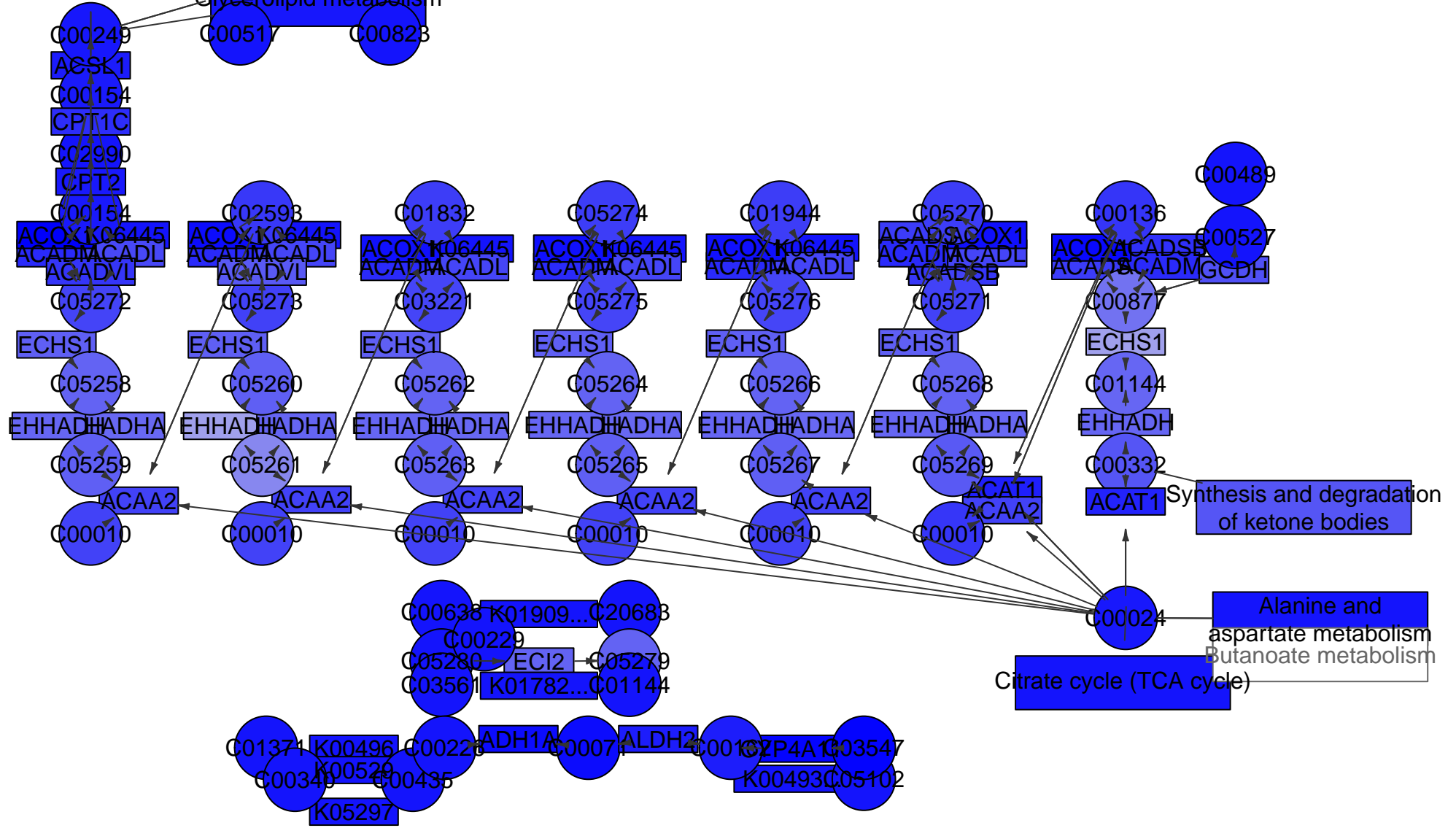
Fatty acid degradation
MPI-168

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



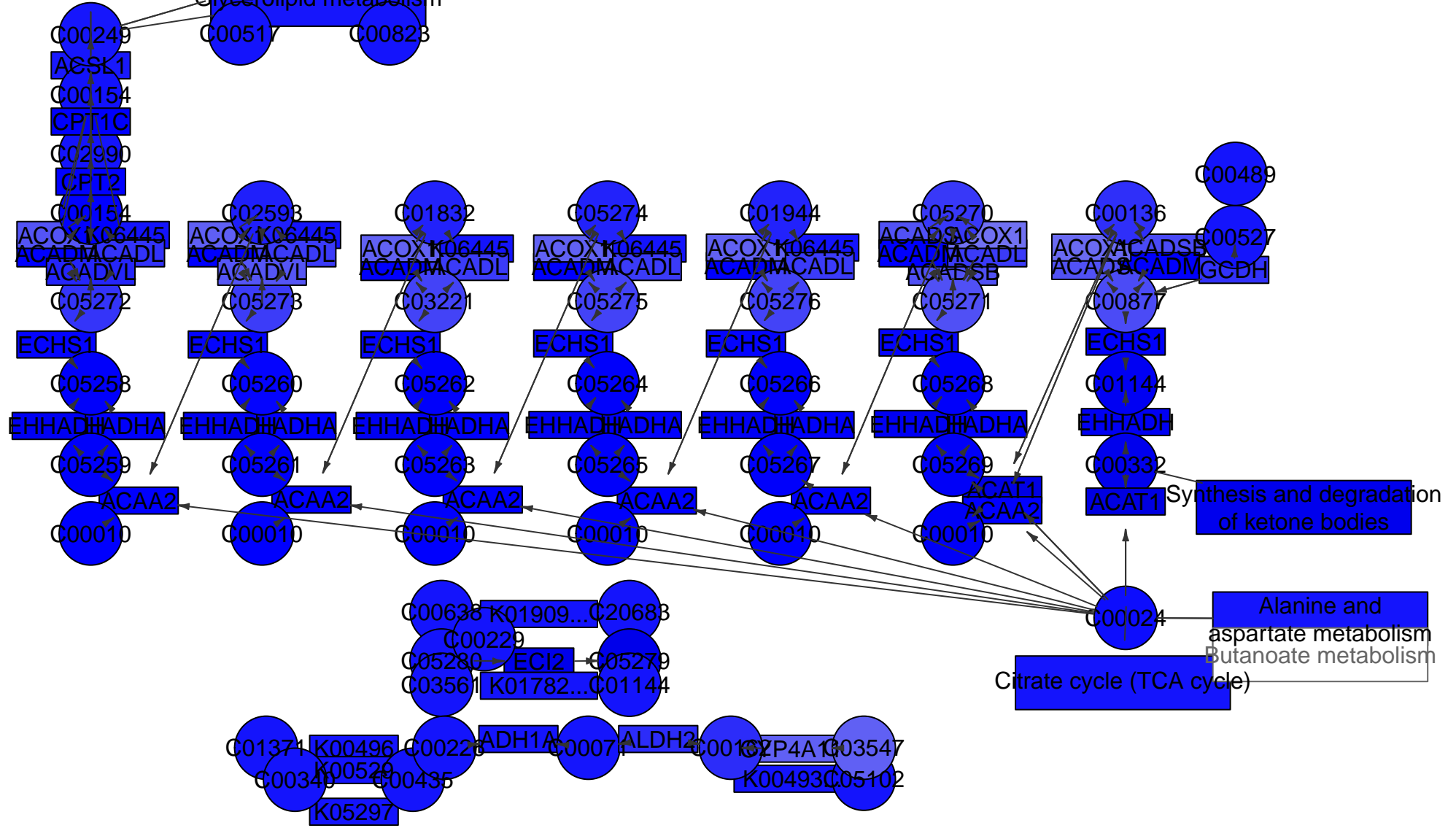
Fatty acid degradation
MPI-170

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



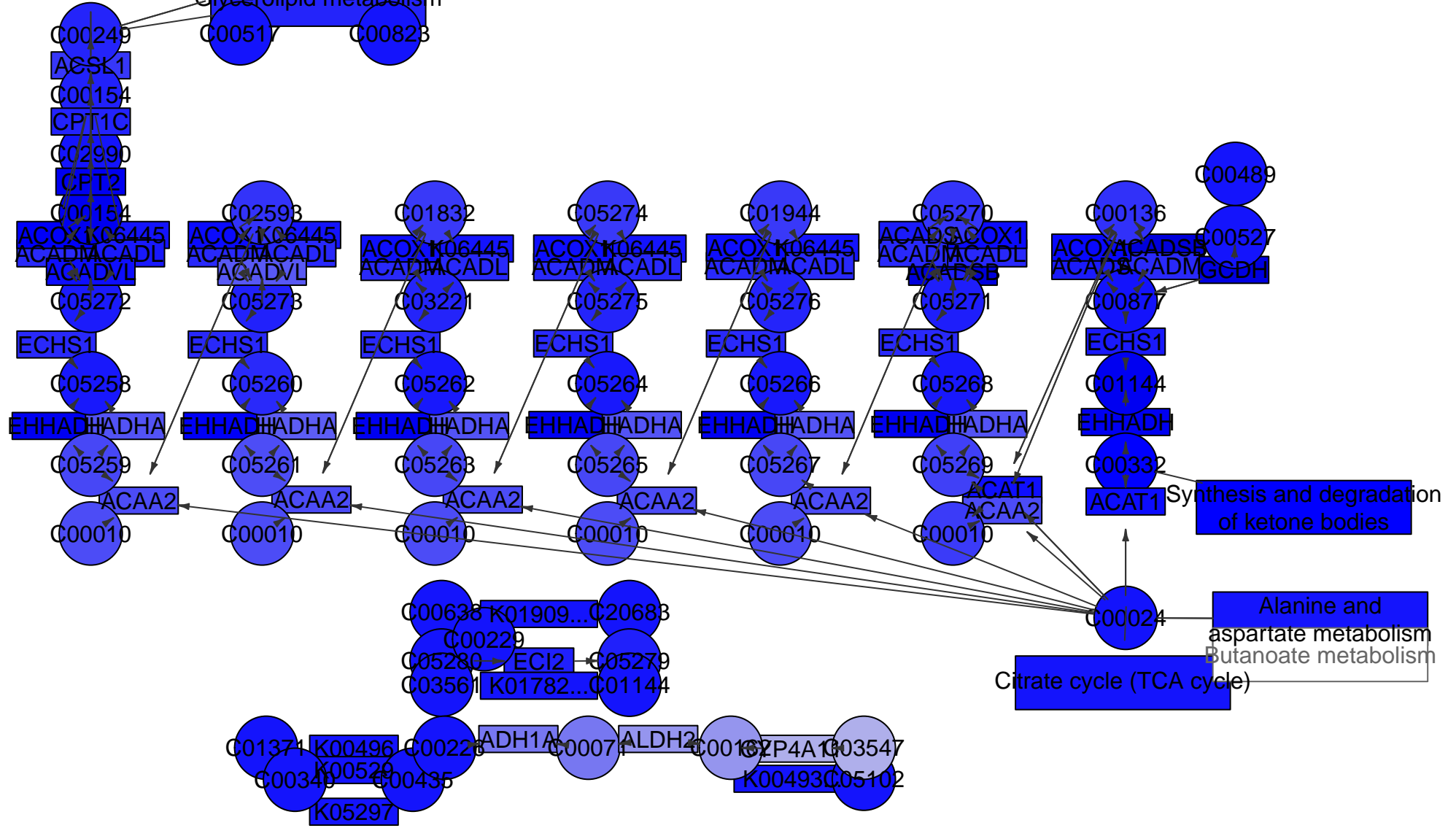
Fatty acid degradation
MPI-173

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



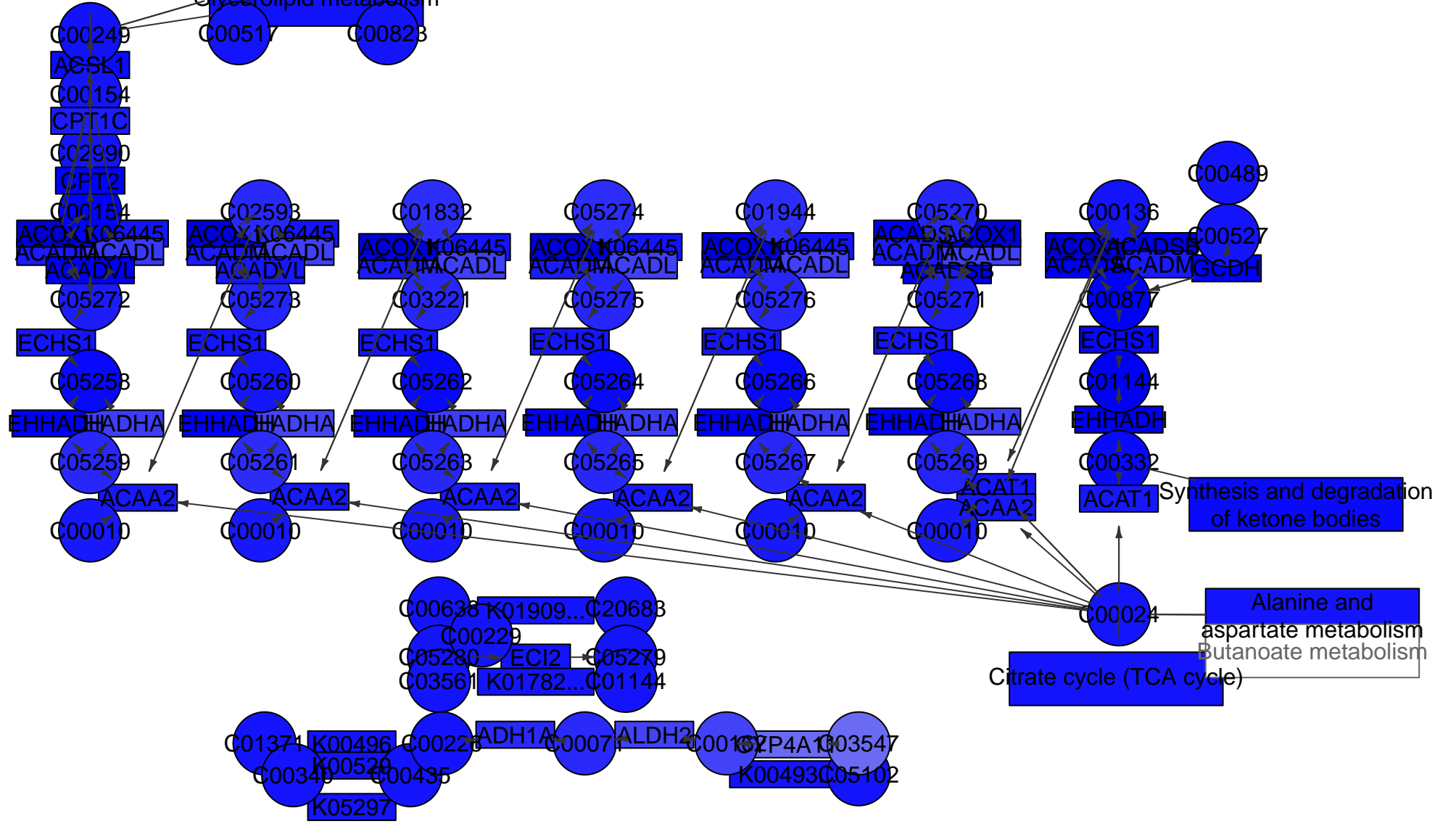
Fatty acid degradation
MPI-174

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



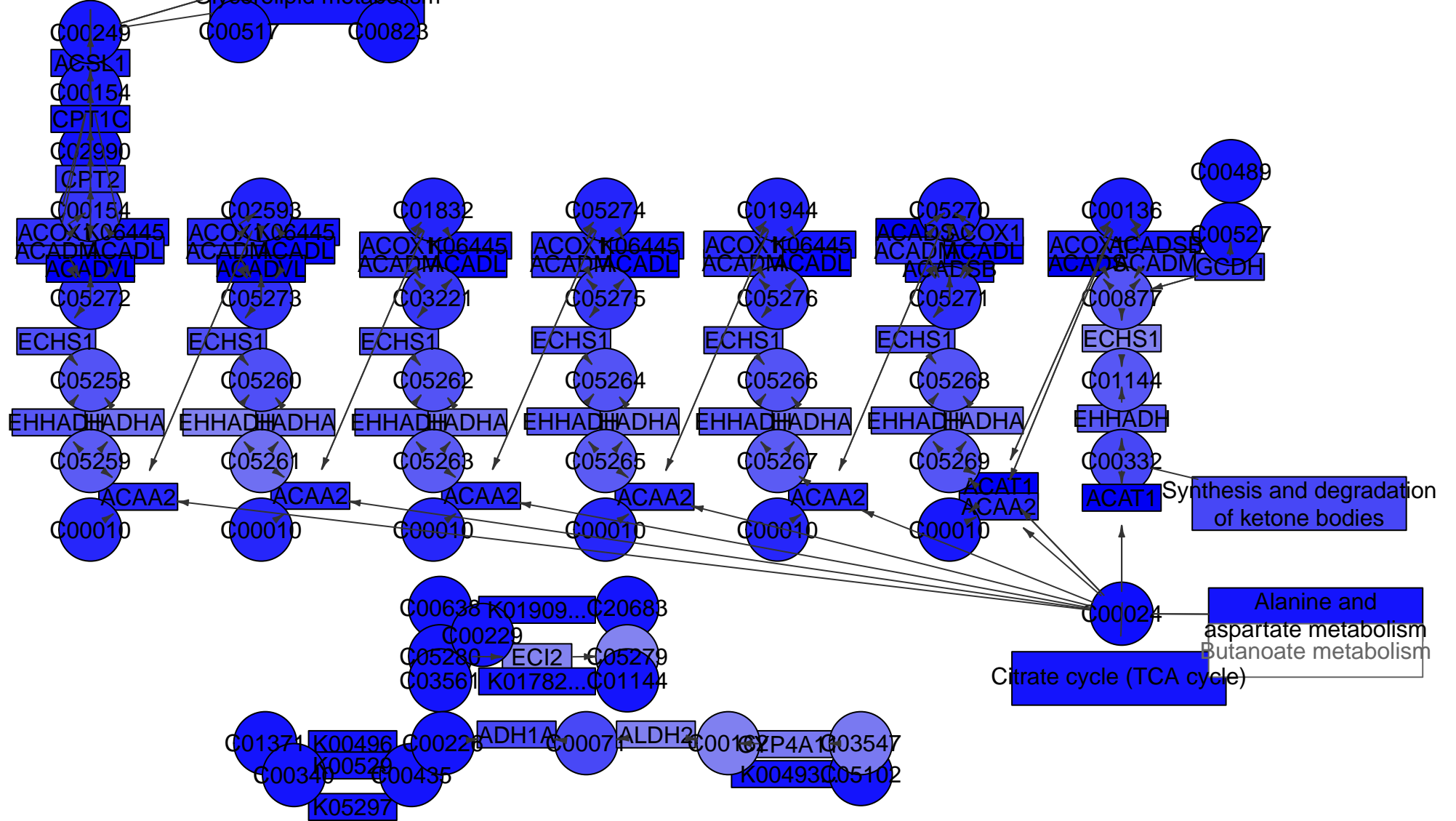
Fatty acid degradation
MPI-176

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



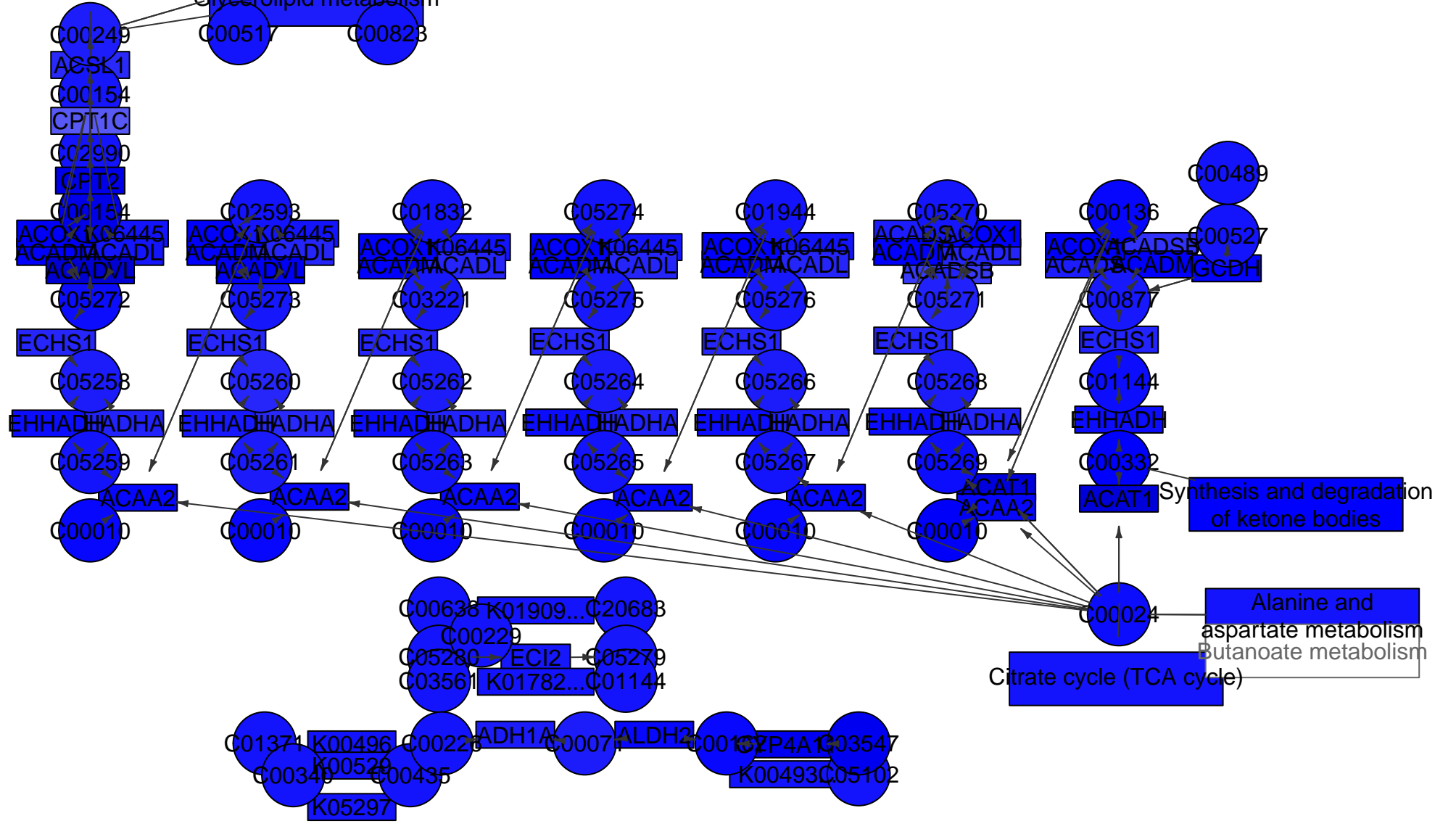
Fatty acid degradation
MPI-177

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



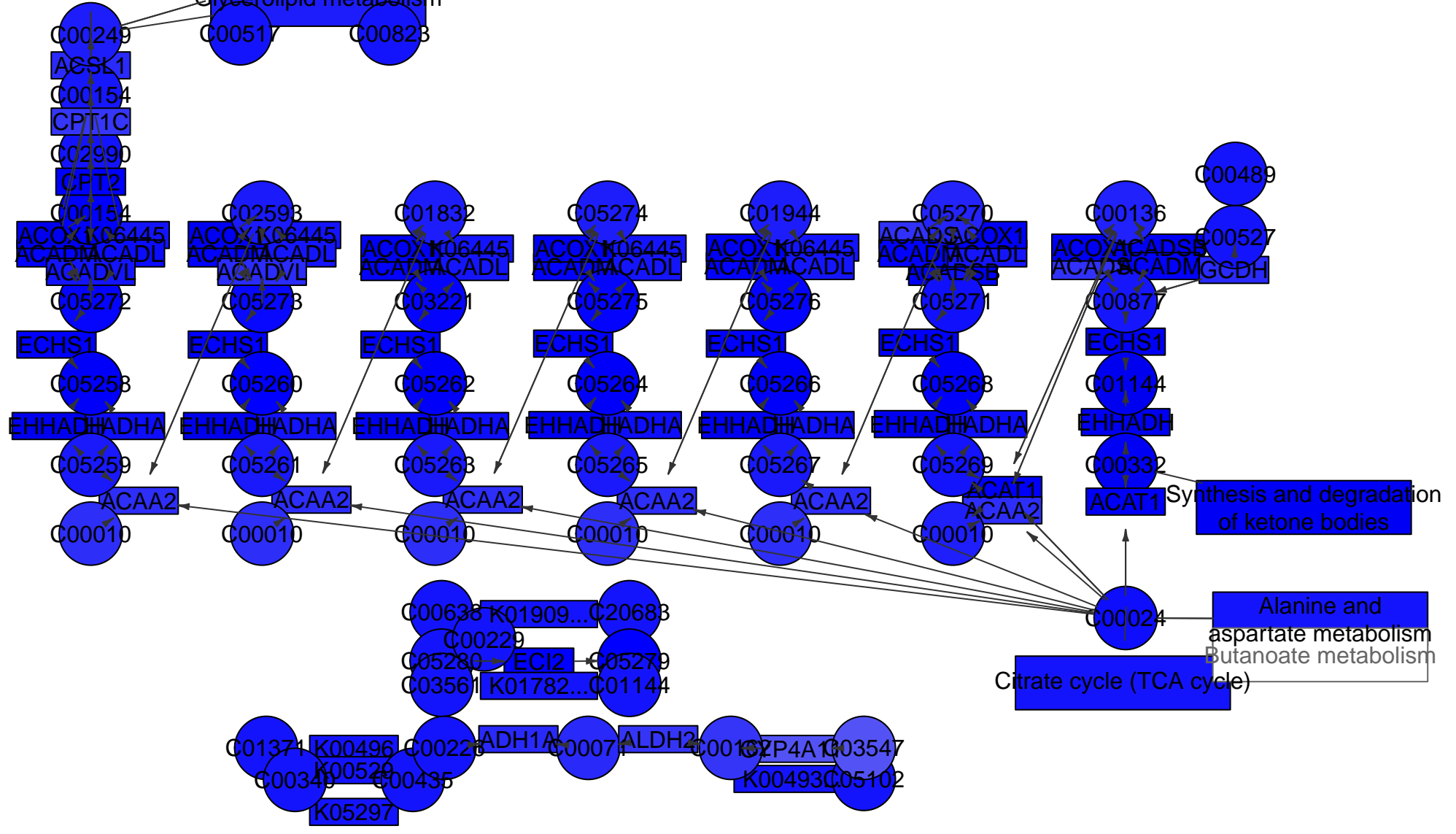
Fatty acid degradation
MPI-178

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



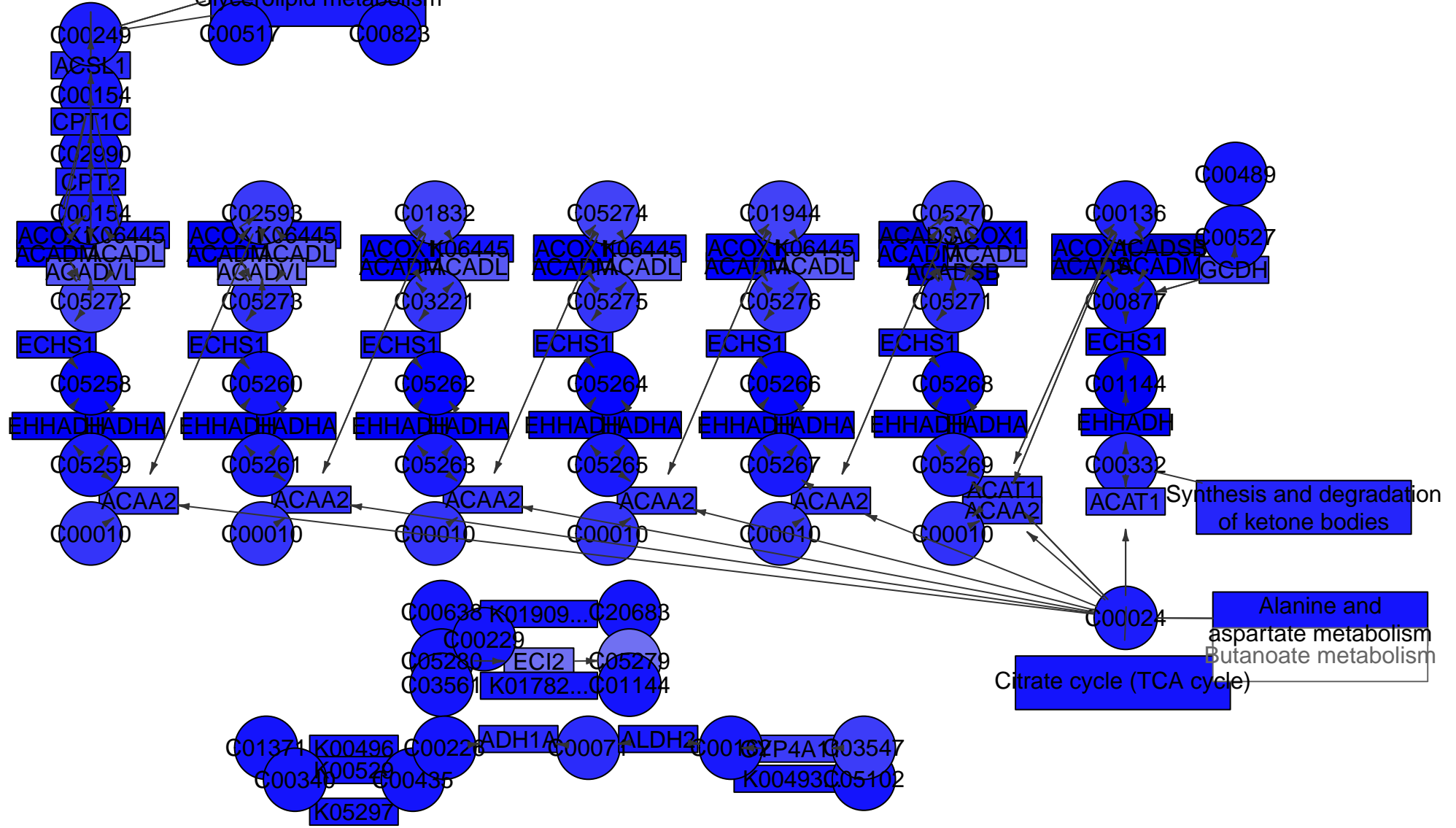
Fatty acid degradation
MPI-179

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-180

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

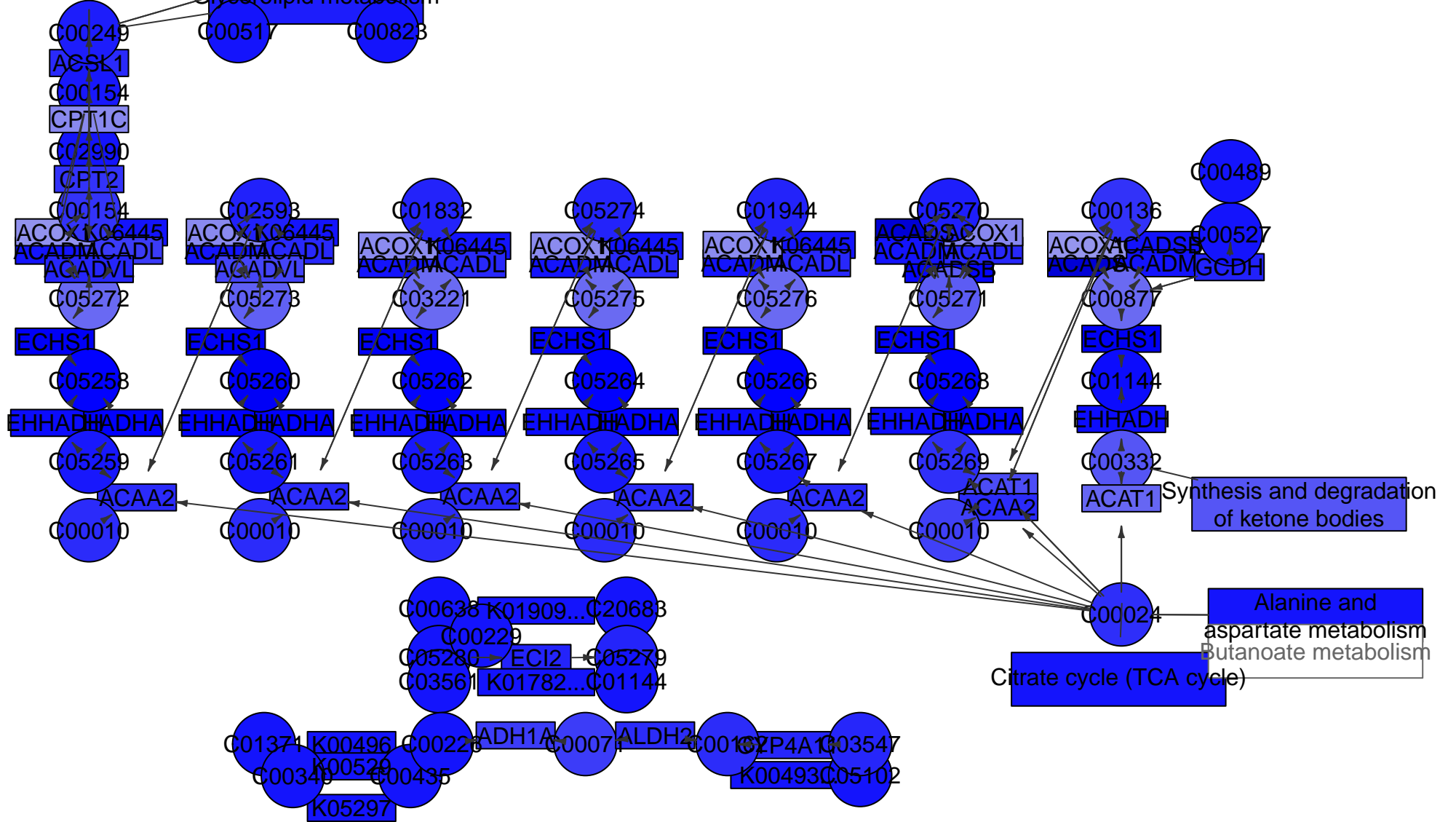


Fatty acid degradation
MPI-182

Fatty acid biosynthesis

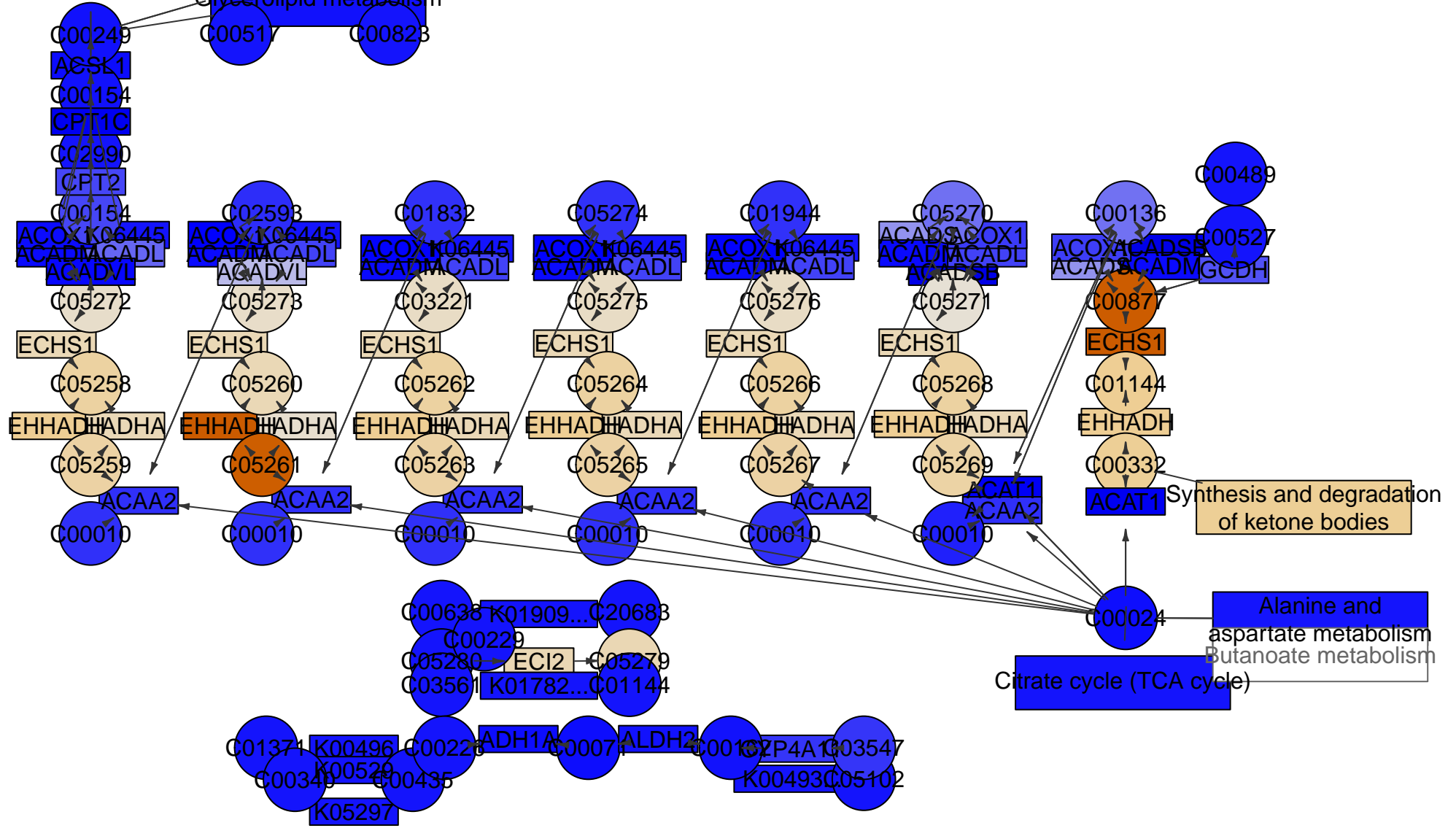
Fatty acid elongation

Glycerolipid metabolism



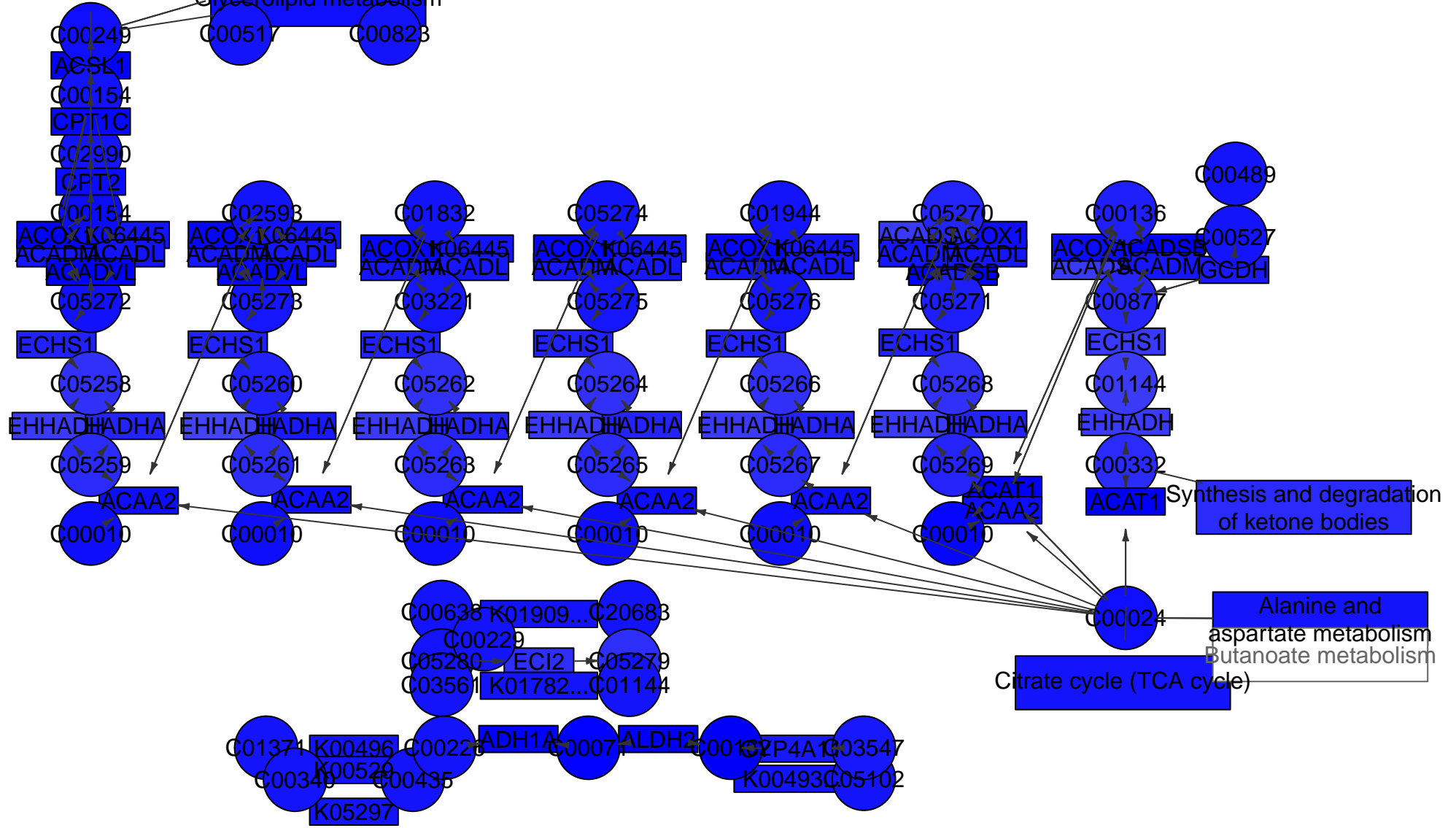
Fatty acid degradation
MPI-183

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



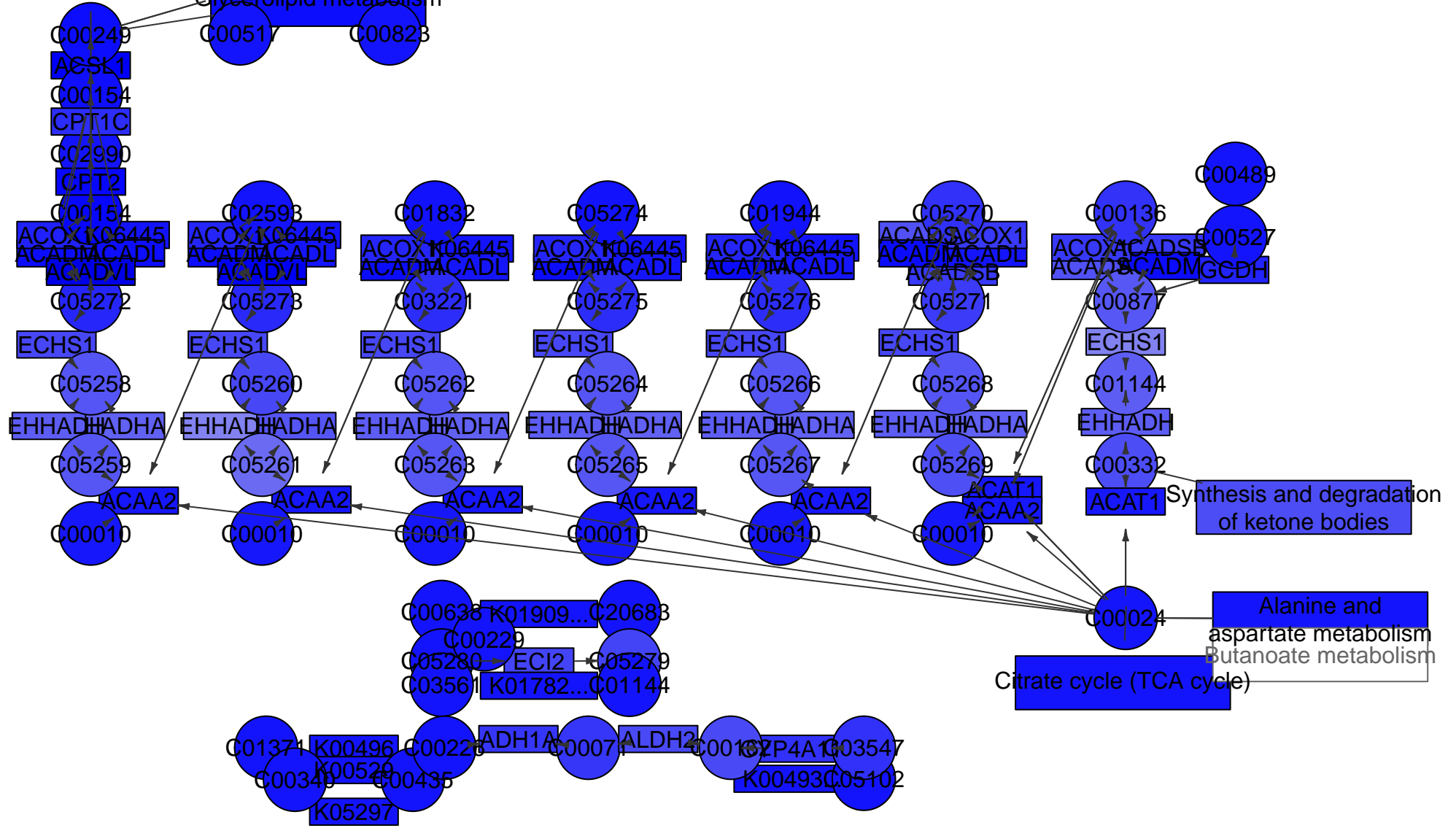
Fatty acid degradation
MPI-184

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



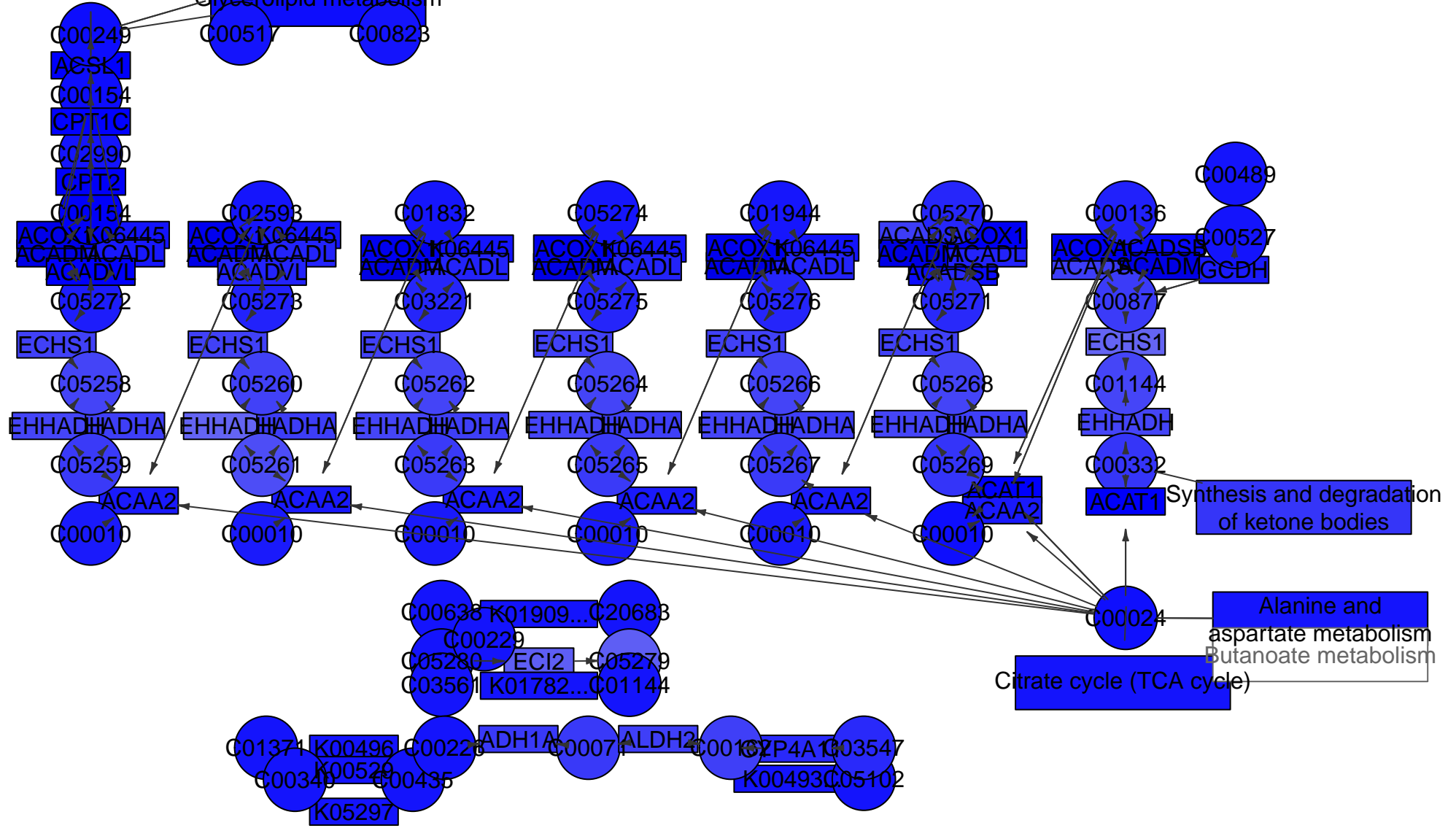
Fatty acid degradation
MPI-185

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



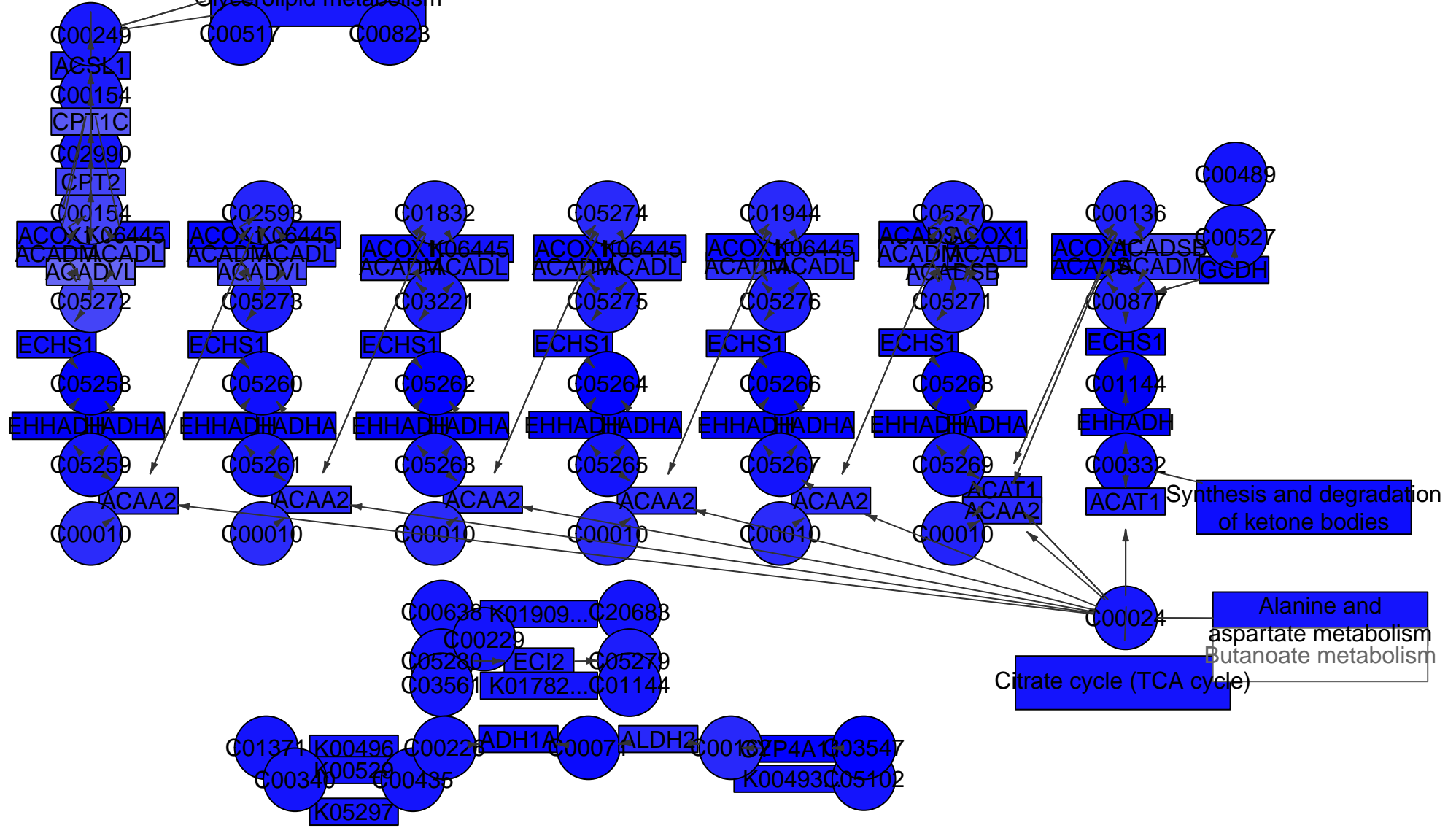
Fatty acid degradation
MPI-186

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



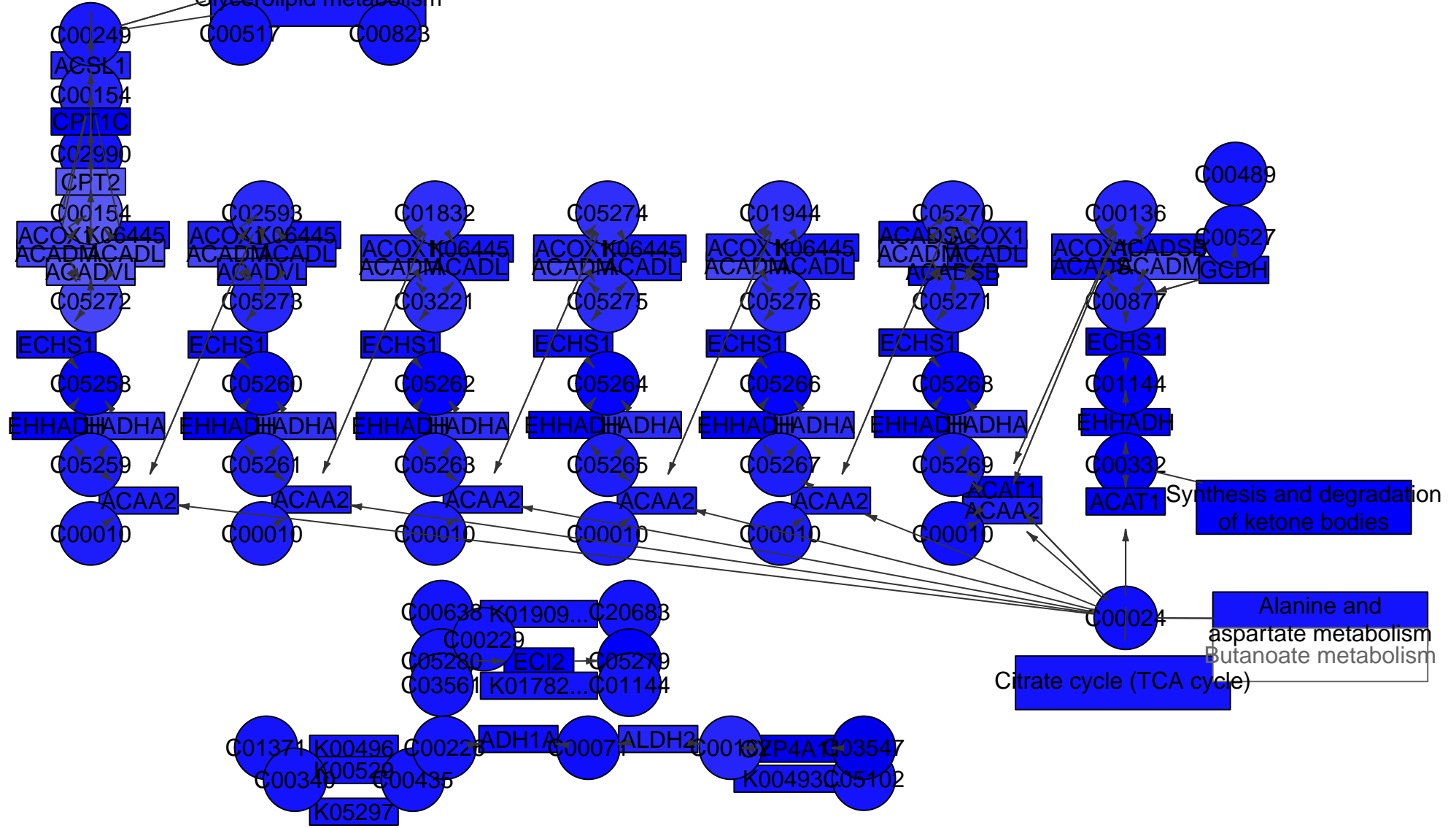
Fatty acid degradation
MPI-188

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



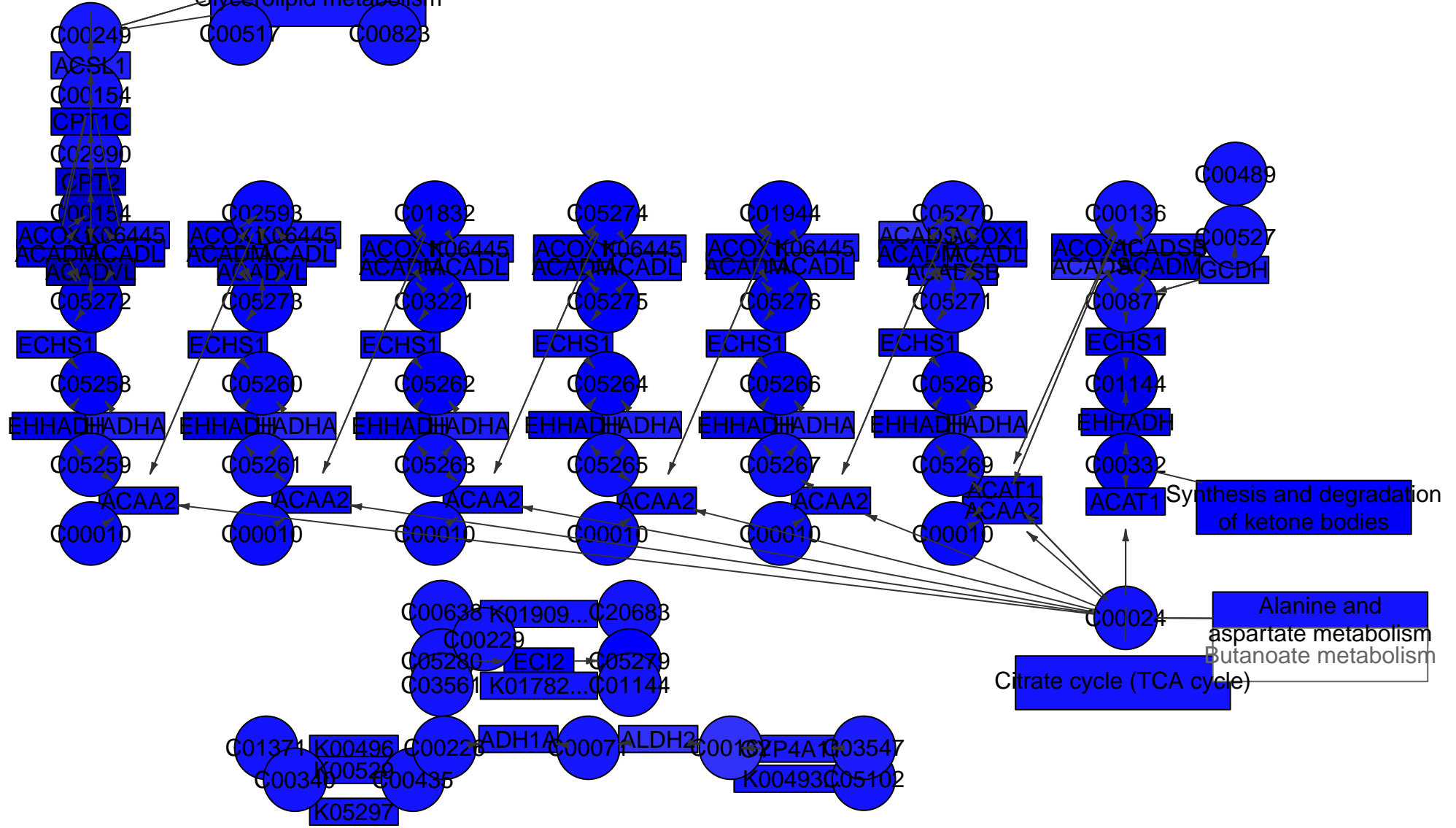
Fatty acid degradation
MPI-189

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-190

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

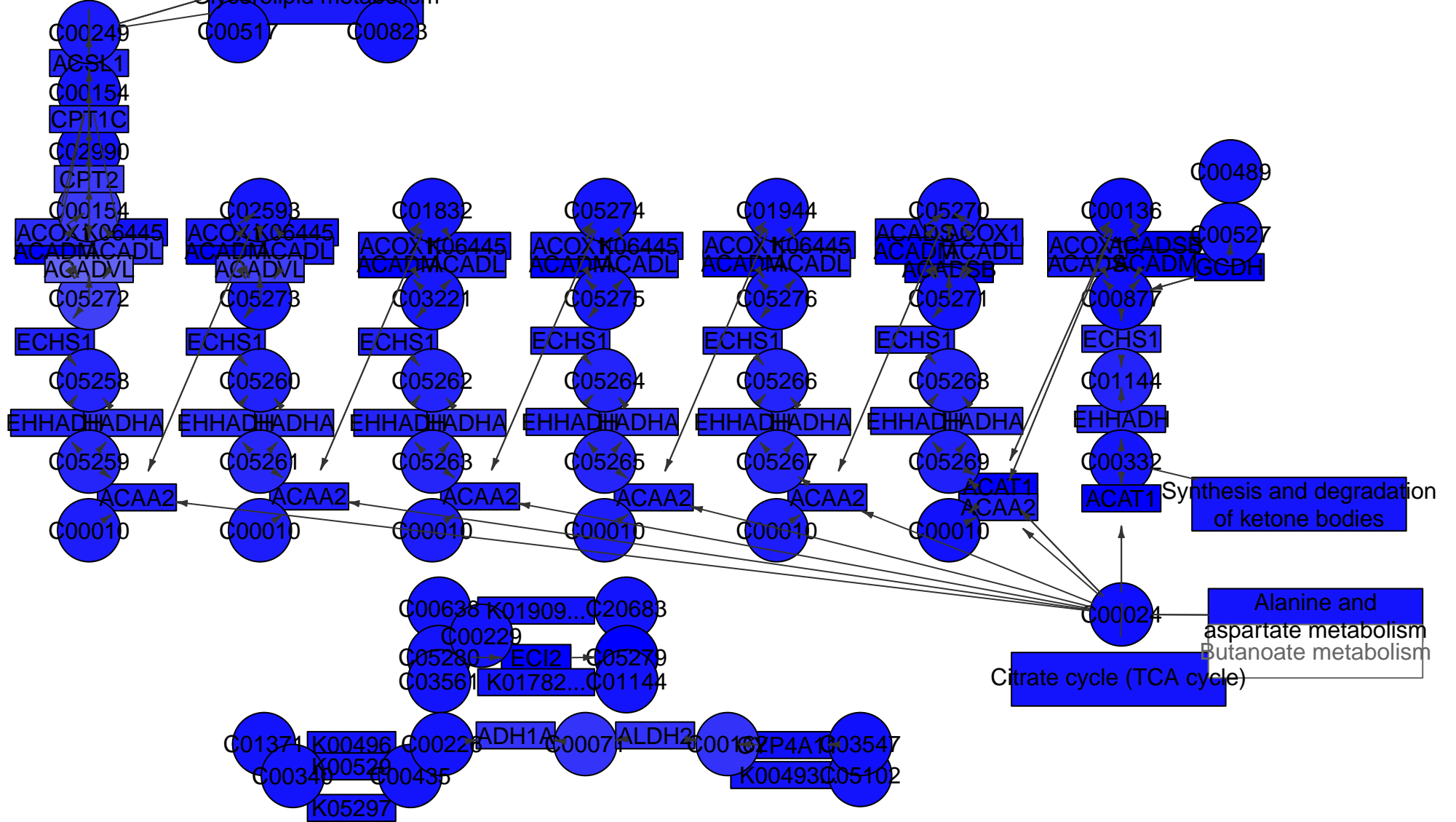


Fatty acid degradation
MPI-191

Fatty acid biosynthesis

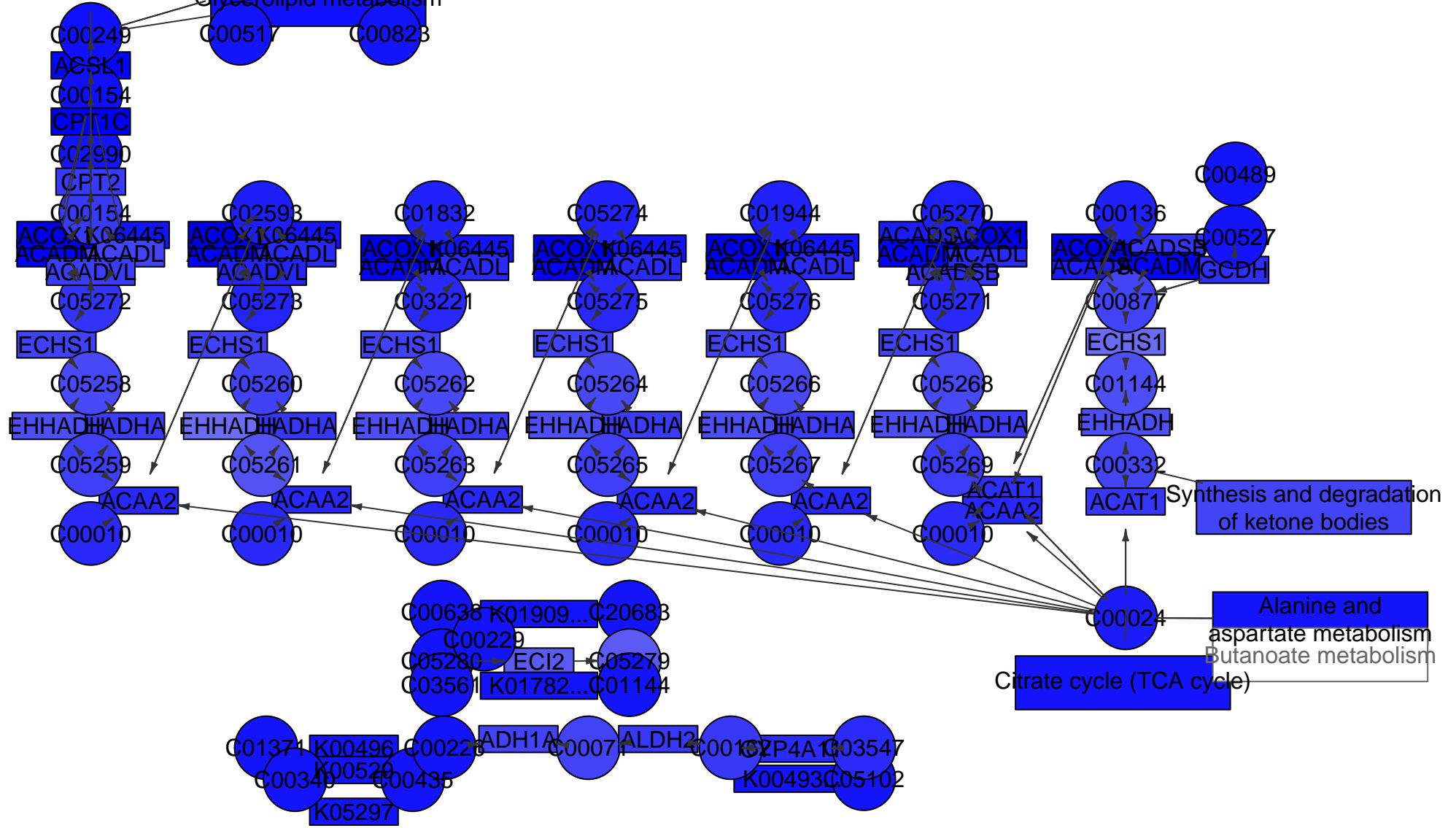
Fatty acid elongation

Glycerolipid metabolism



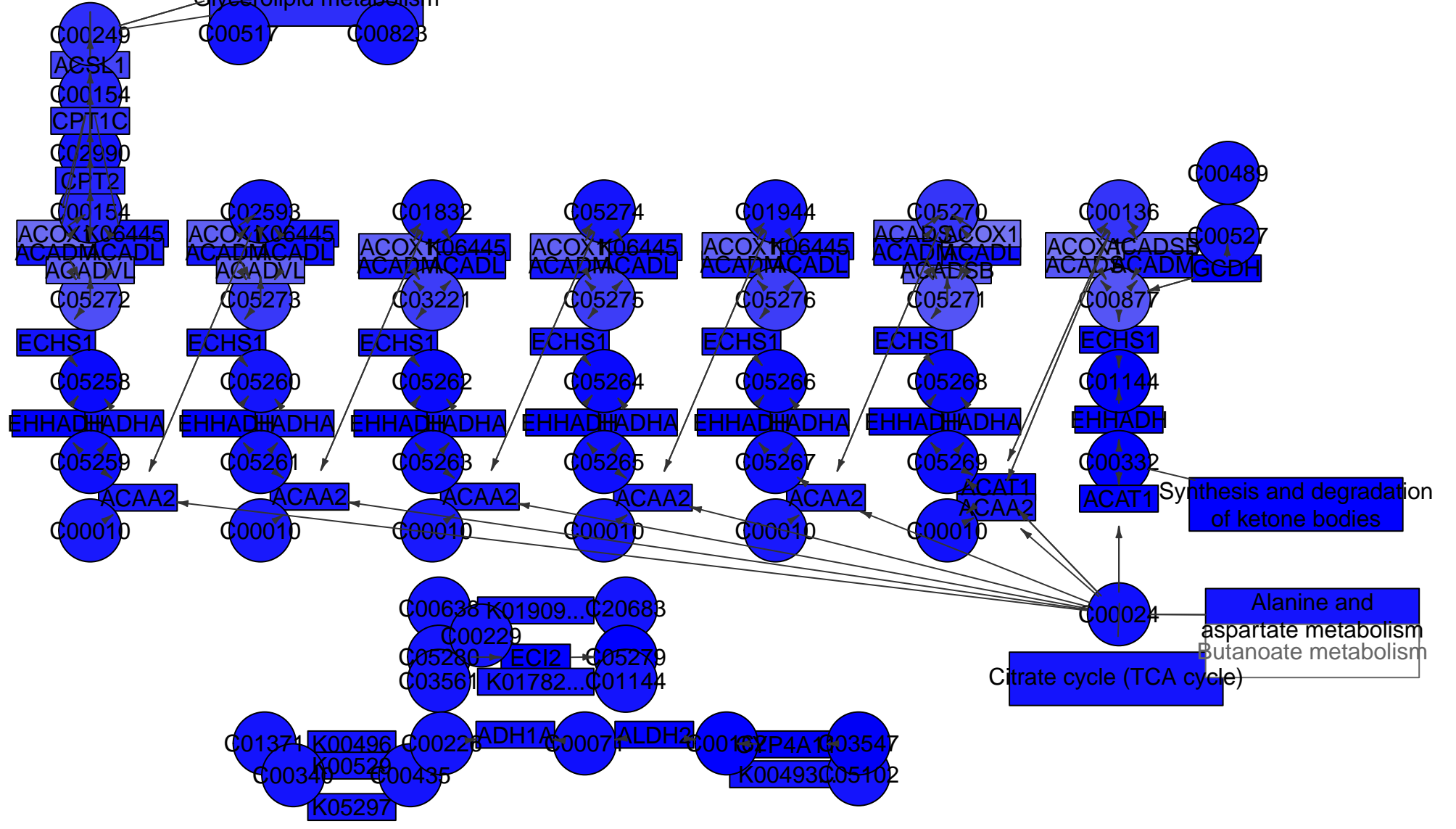
Fatty acid degradation
MPI-192

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



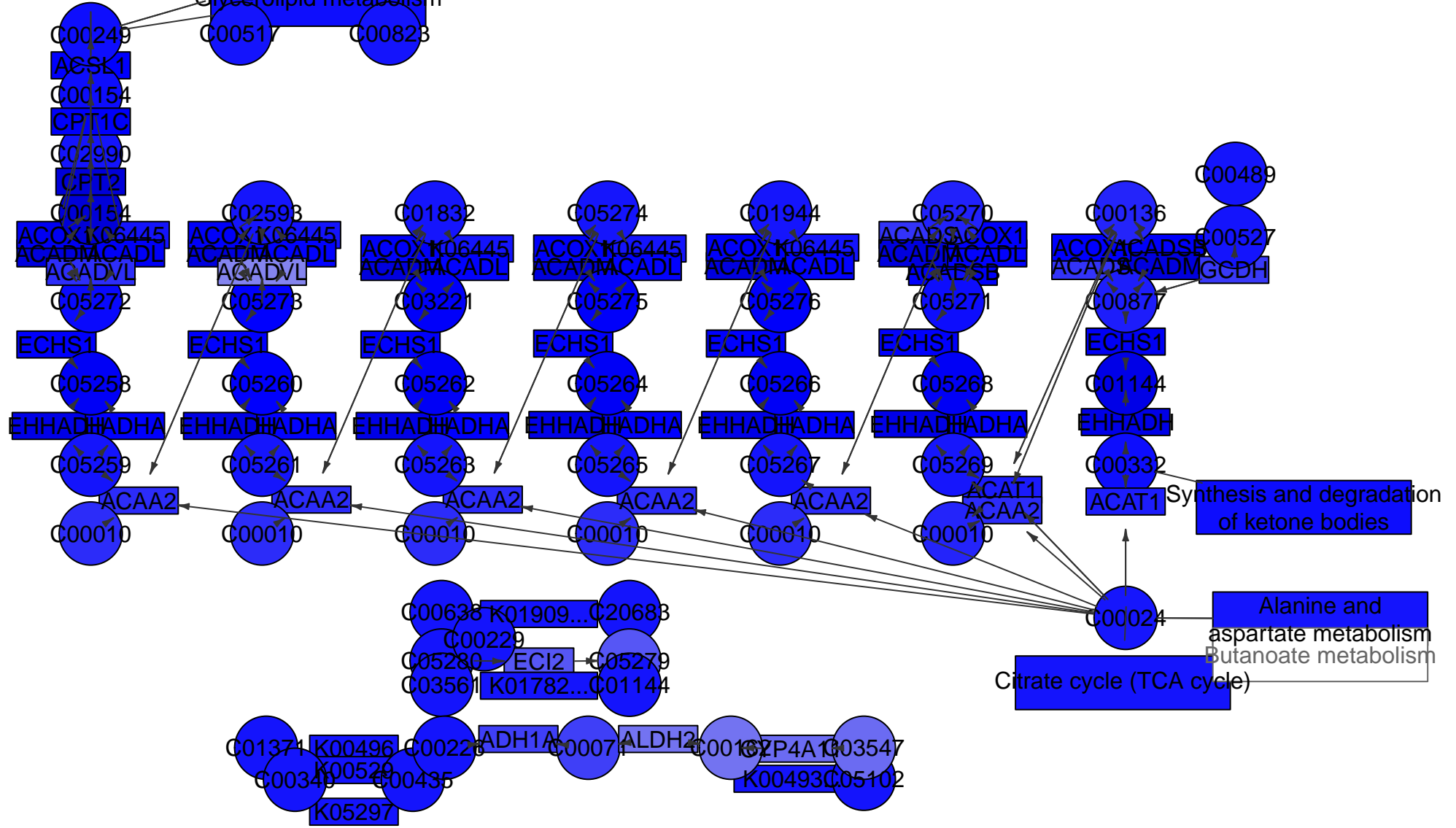
Fatty acid degradation
MPI-194

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



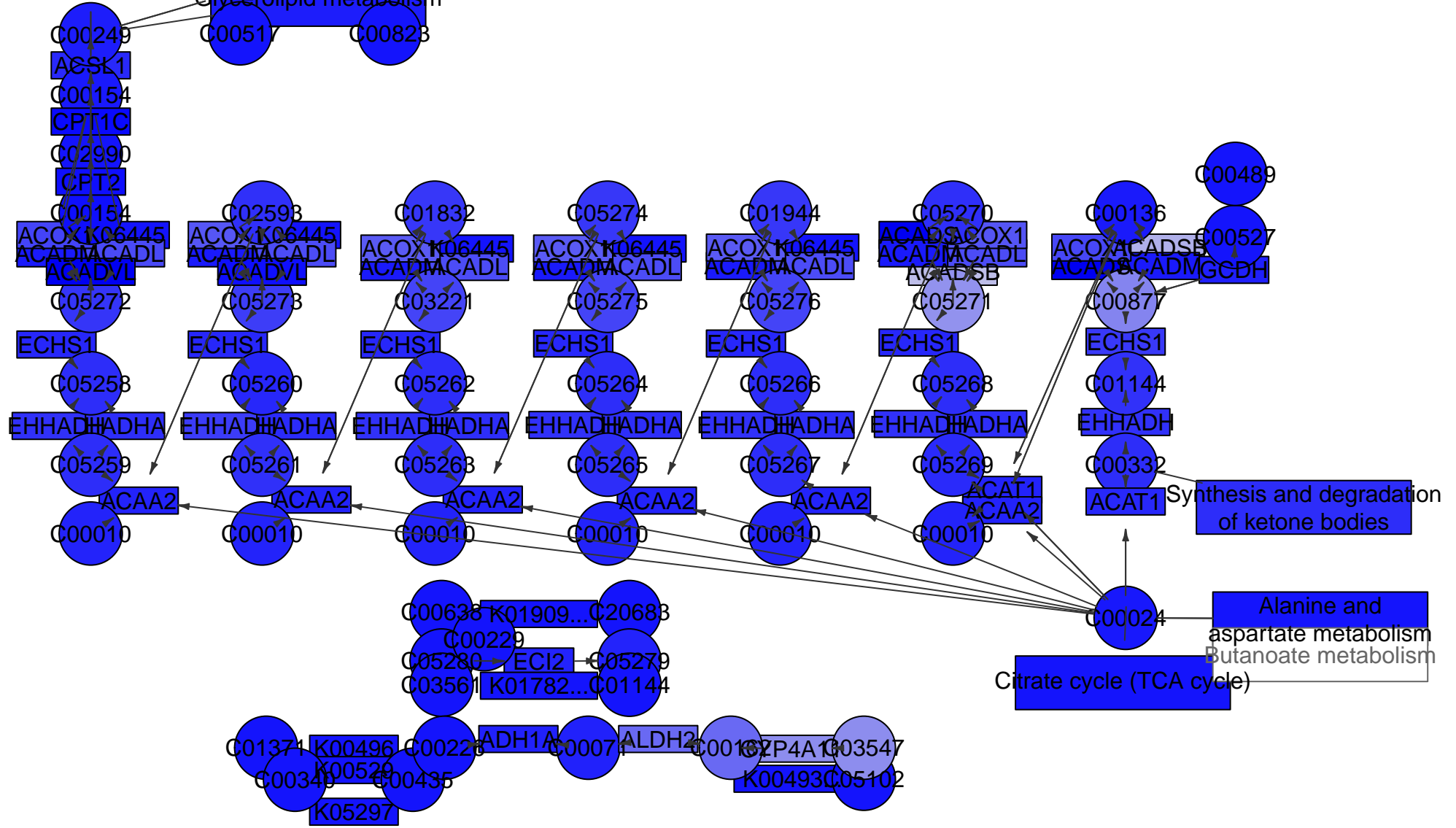
Fatty acid degradation
MPI-195

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



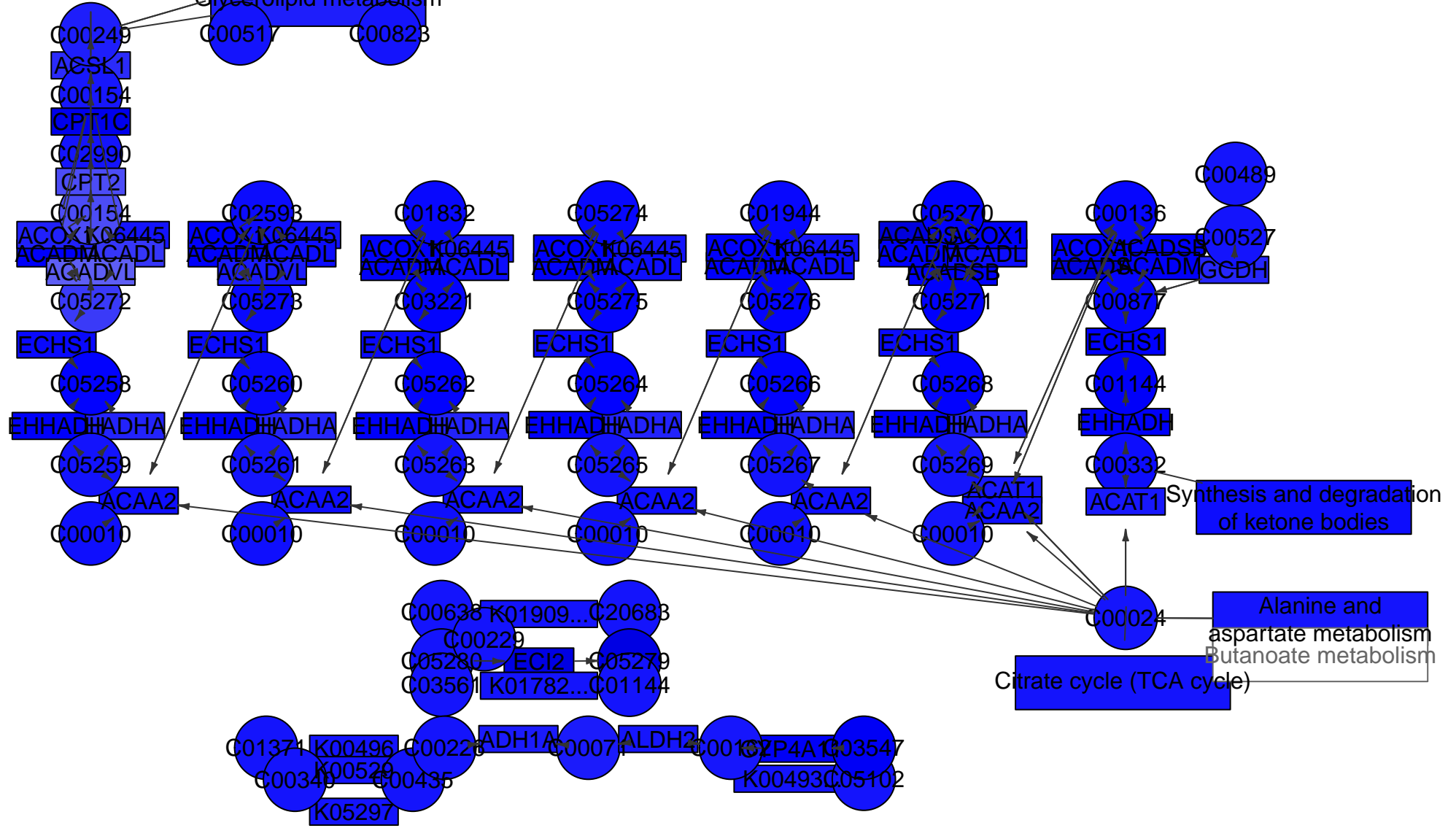
Fatty acid degradation
MPI-196

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



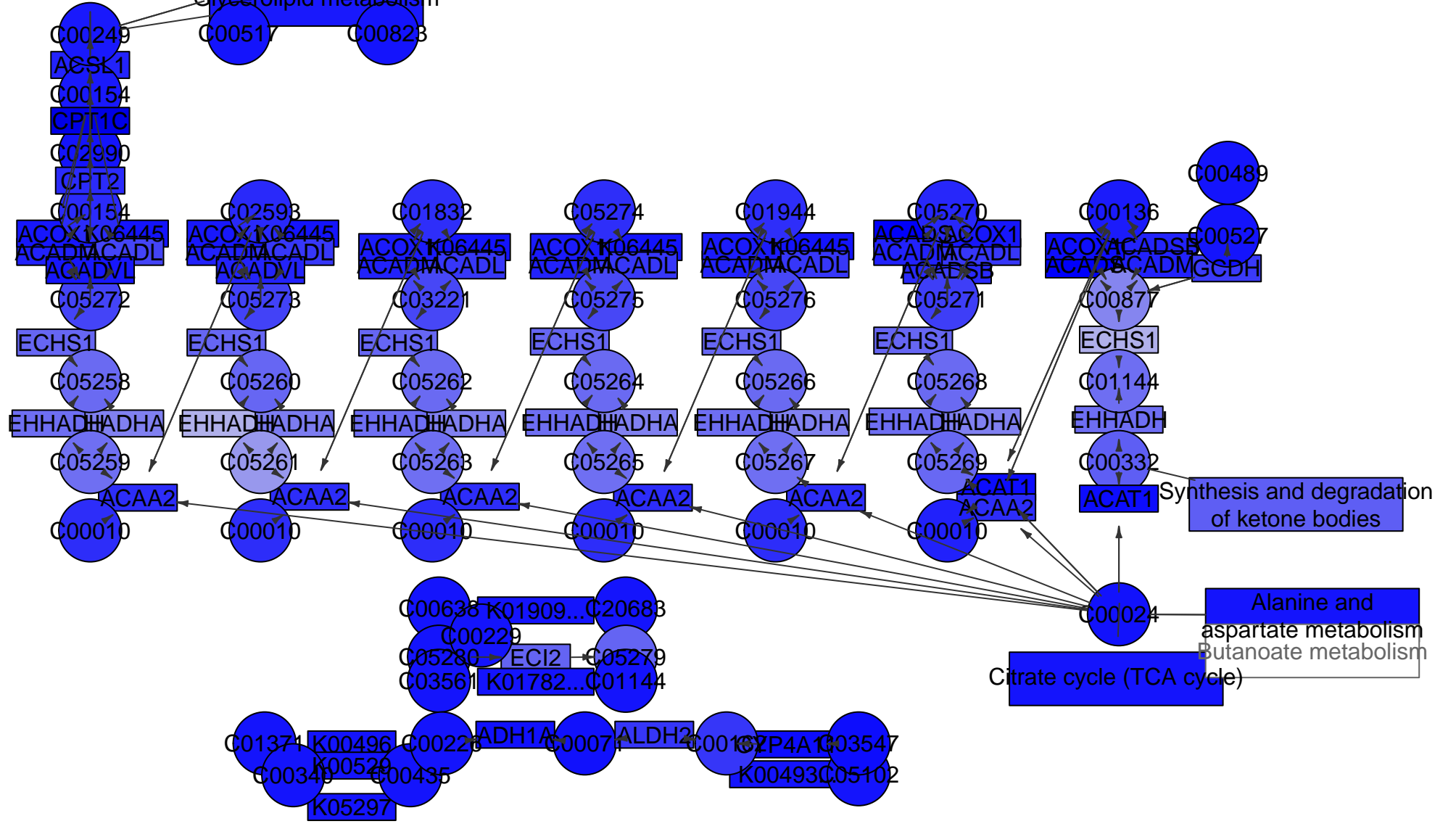
Fatty acid degradation
MPI-198

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



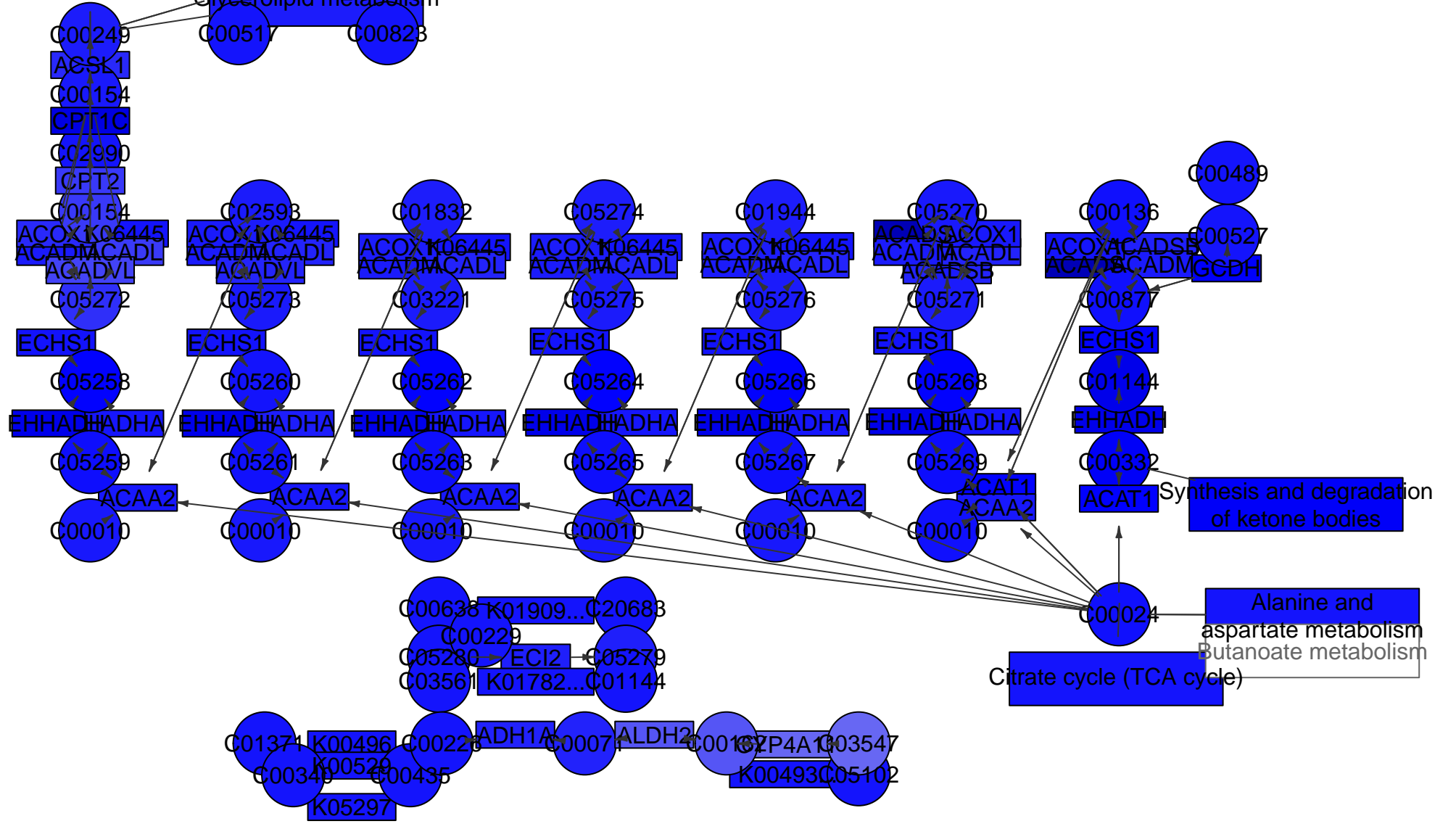
Fatty acid degradation
MPI-199

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



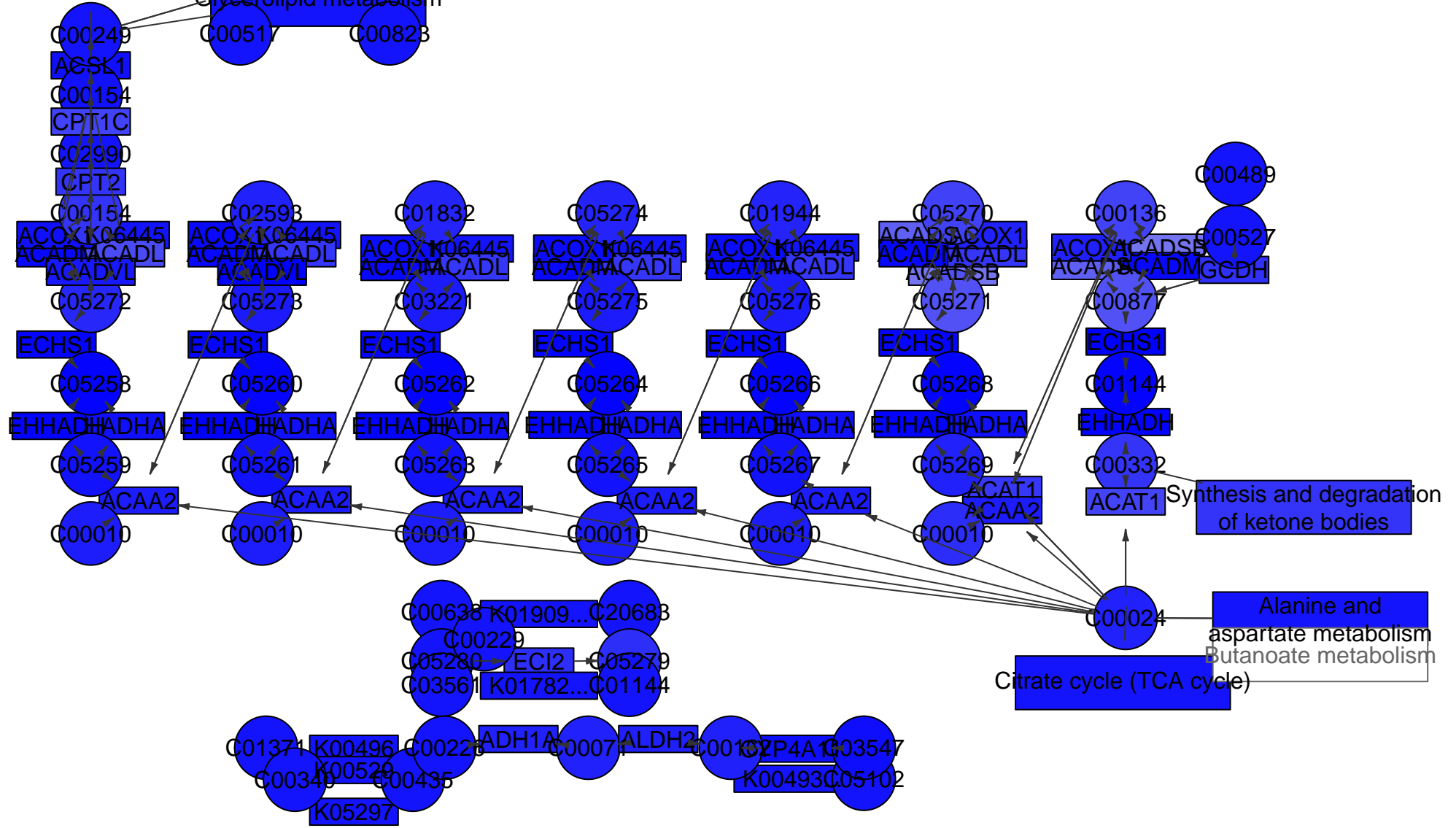
Fatty acid degradation
MPI-200

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



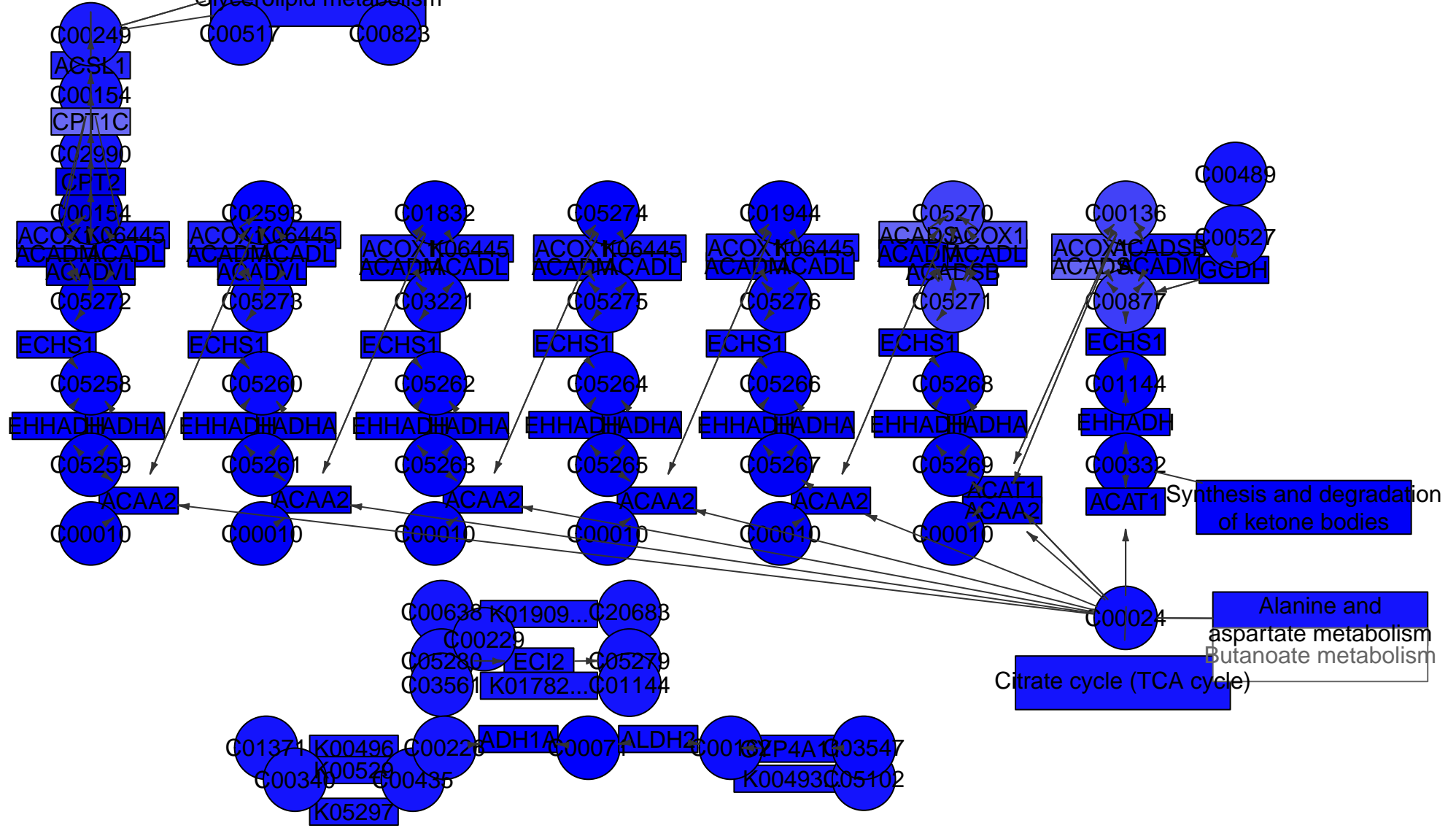
Fatty acid degradation
MPI-201

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-202

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

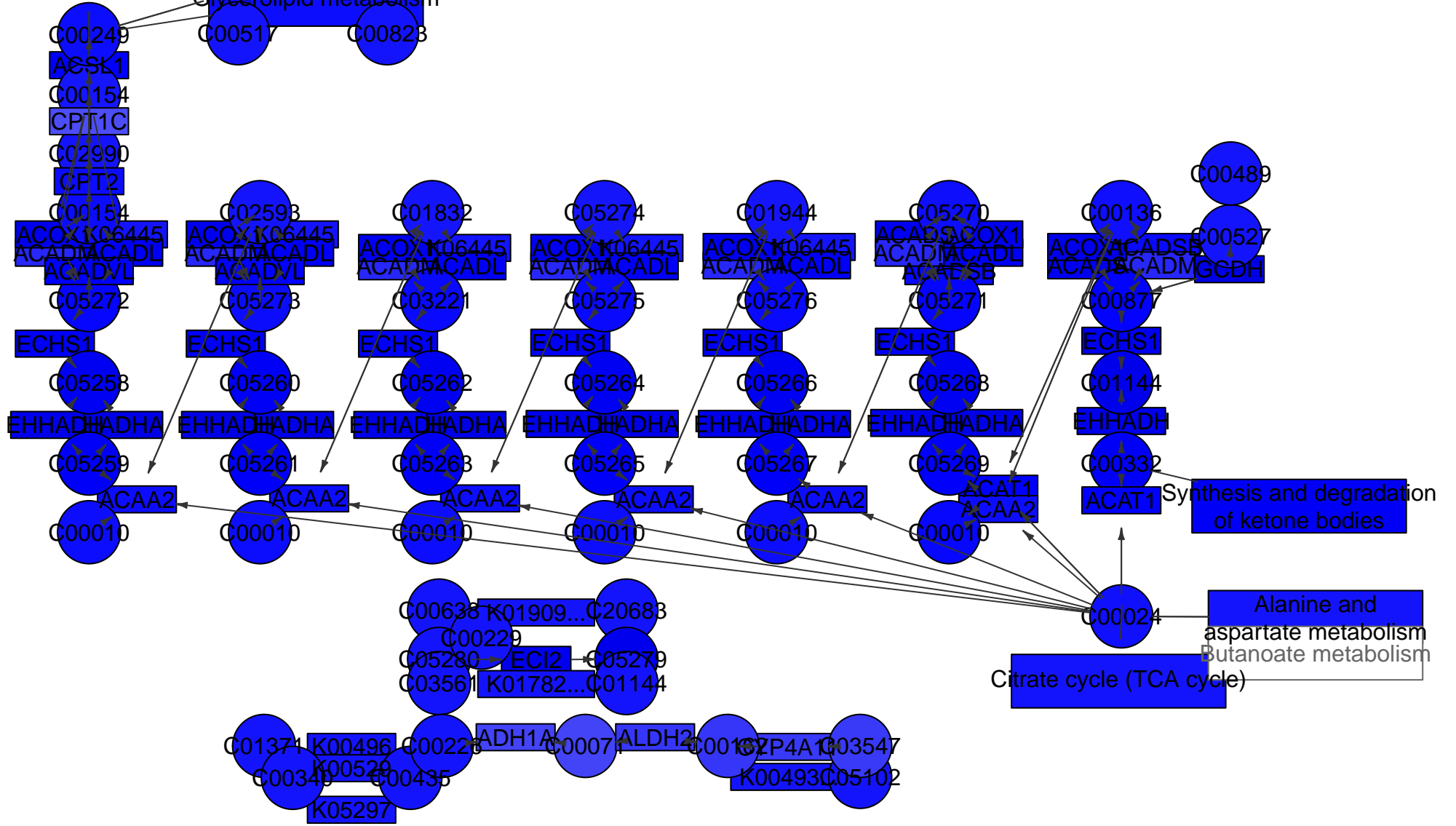


Fatty acid degradation
MPI-203

Fatty acid biosynthesis

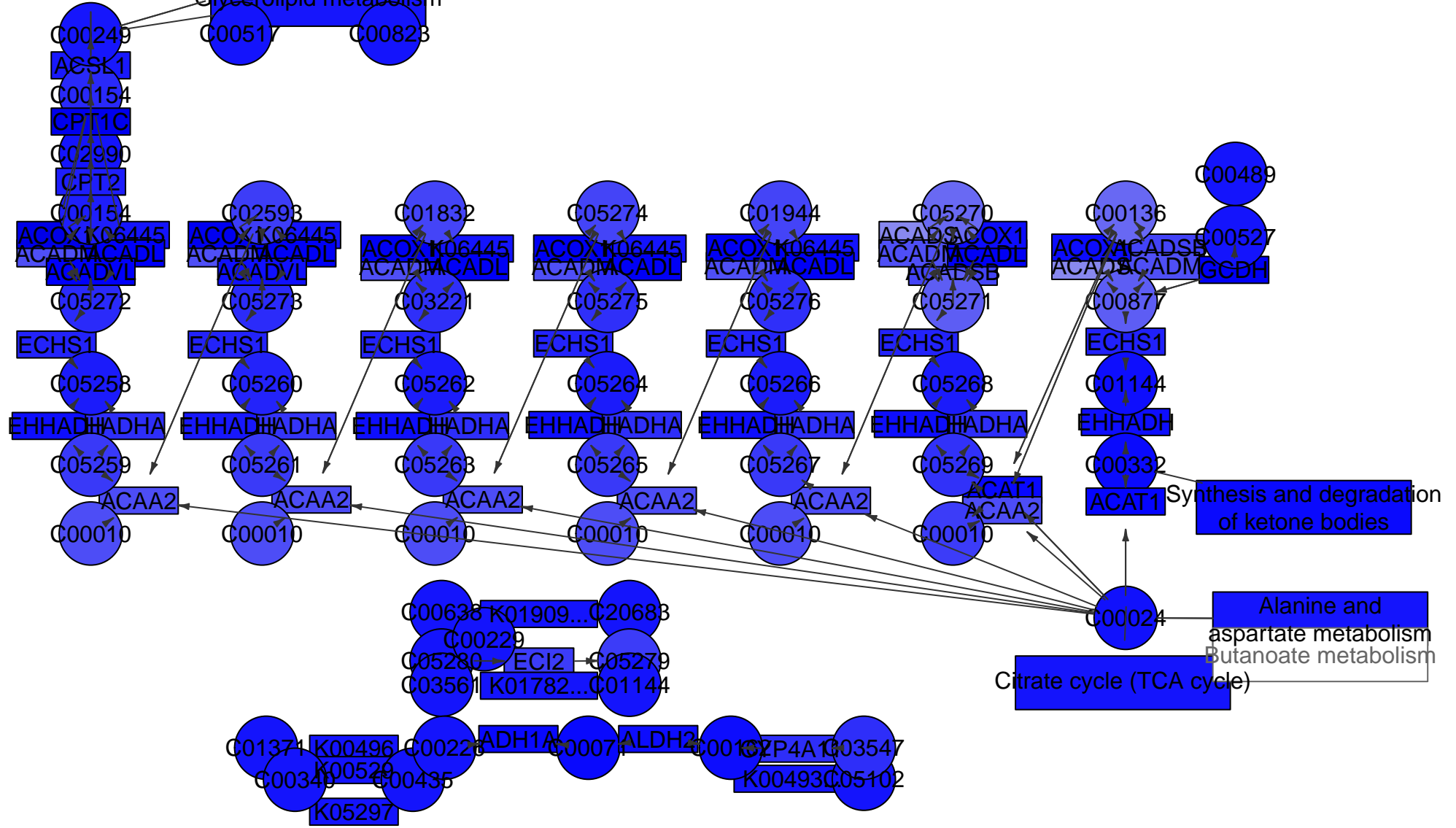
Fatty acid elongation

Glycerolipid metabolism



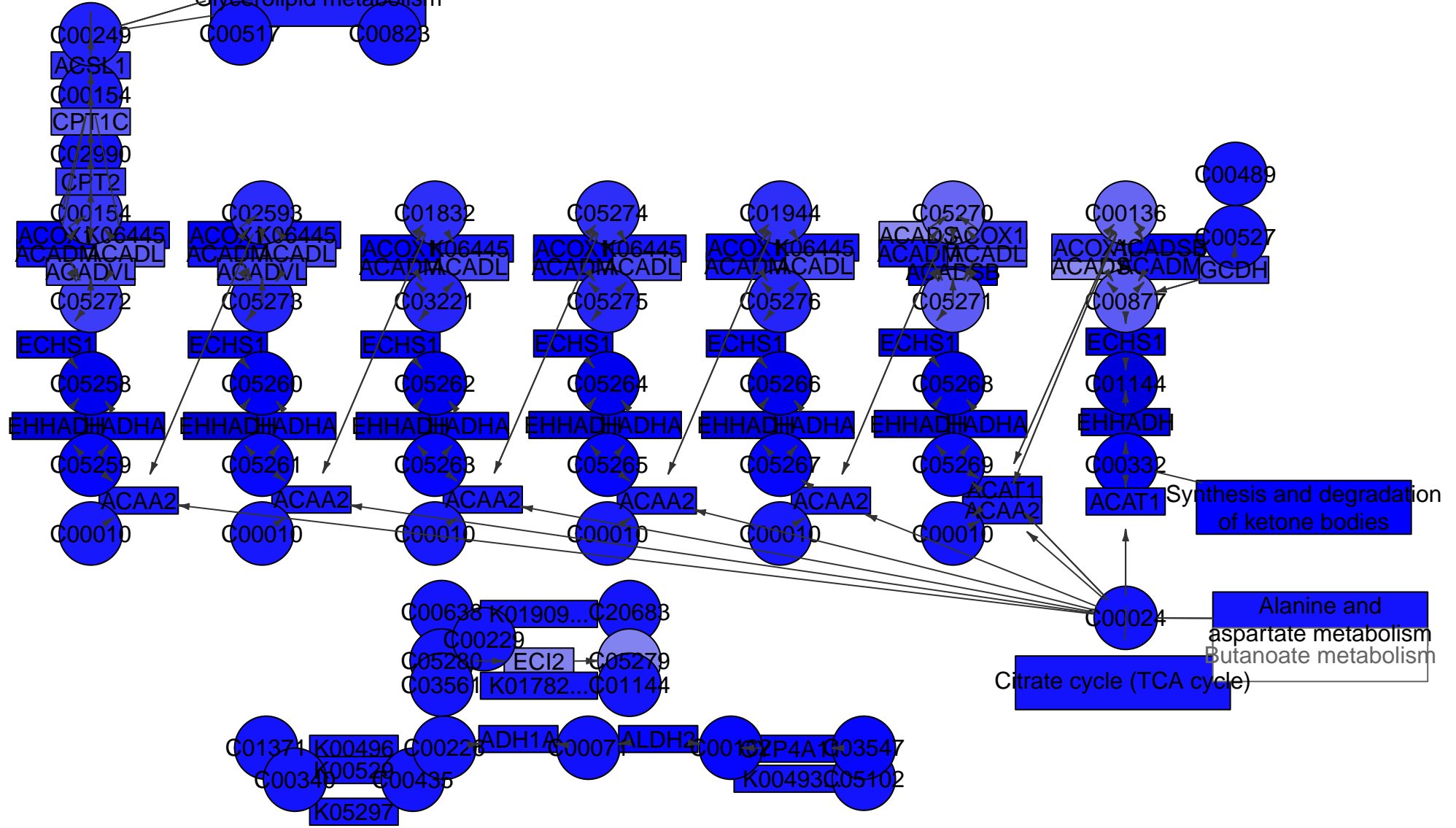
Fatty acid degradation
MPI-204

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



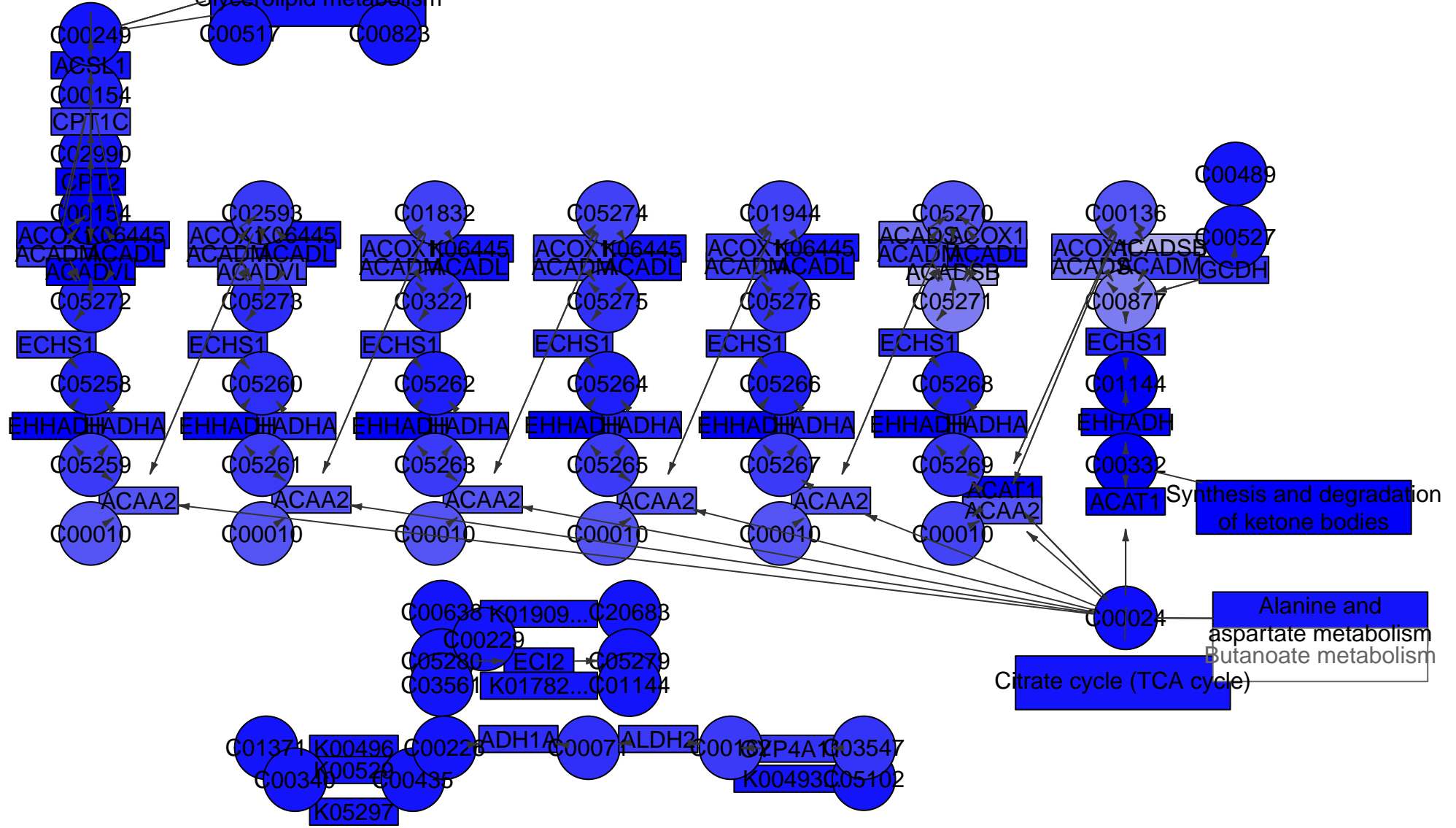
Fatty acid degradation
MPI-205

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



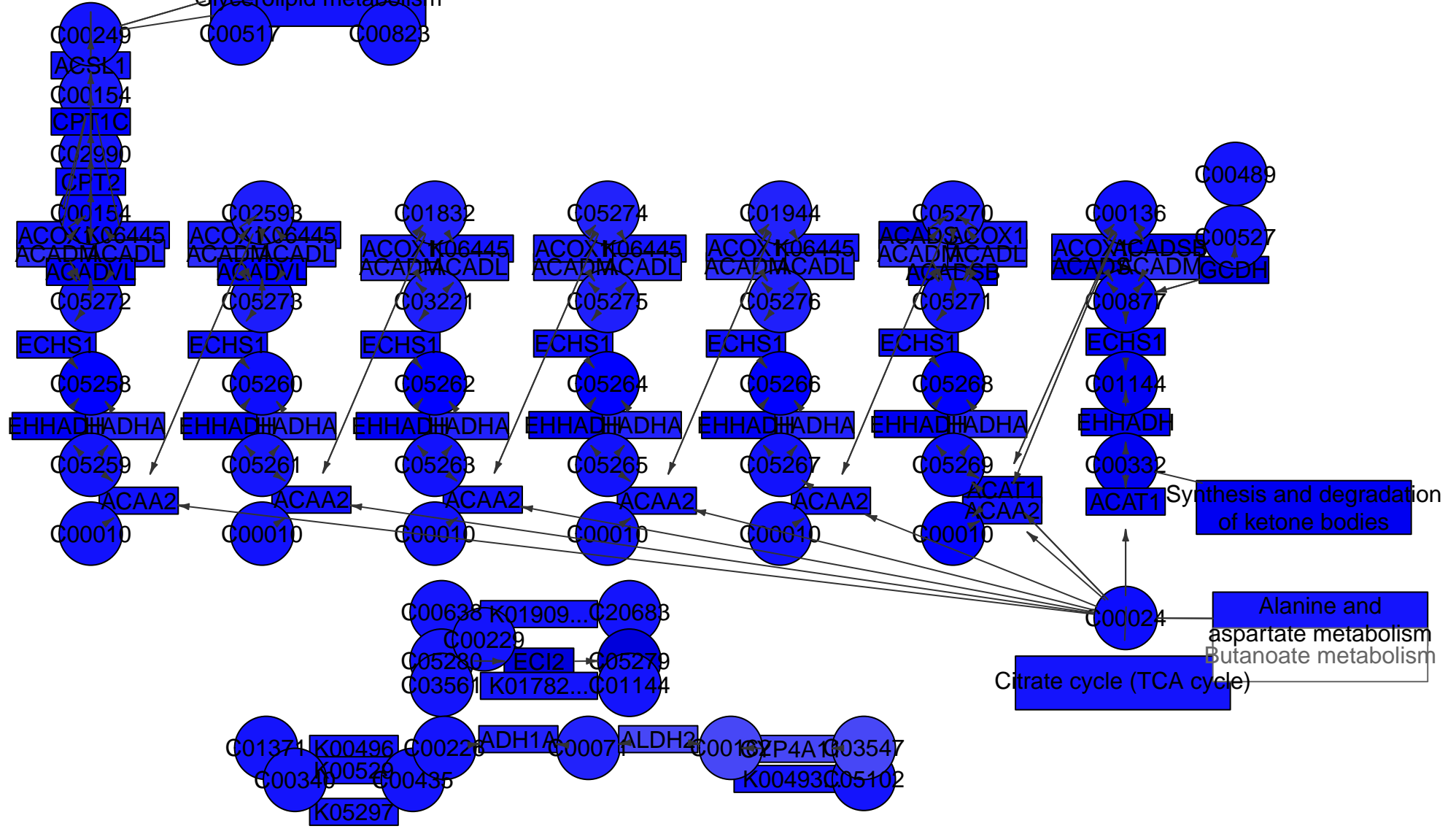
Fatty acid degradation
MPI-206

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-207

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

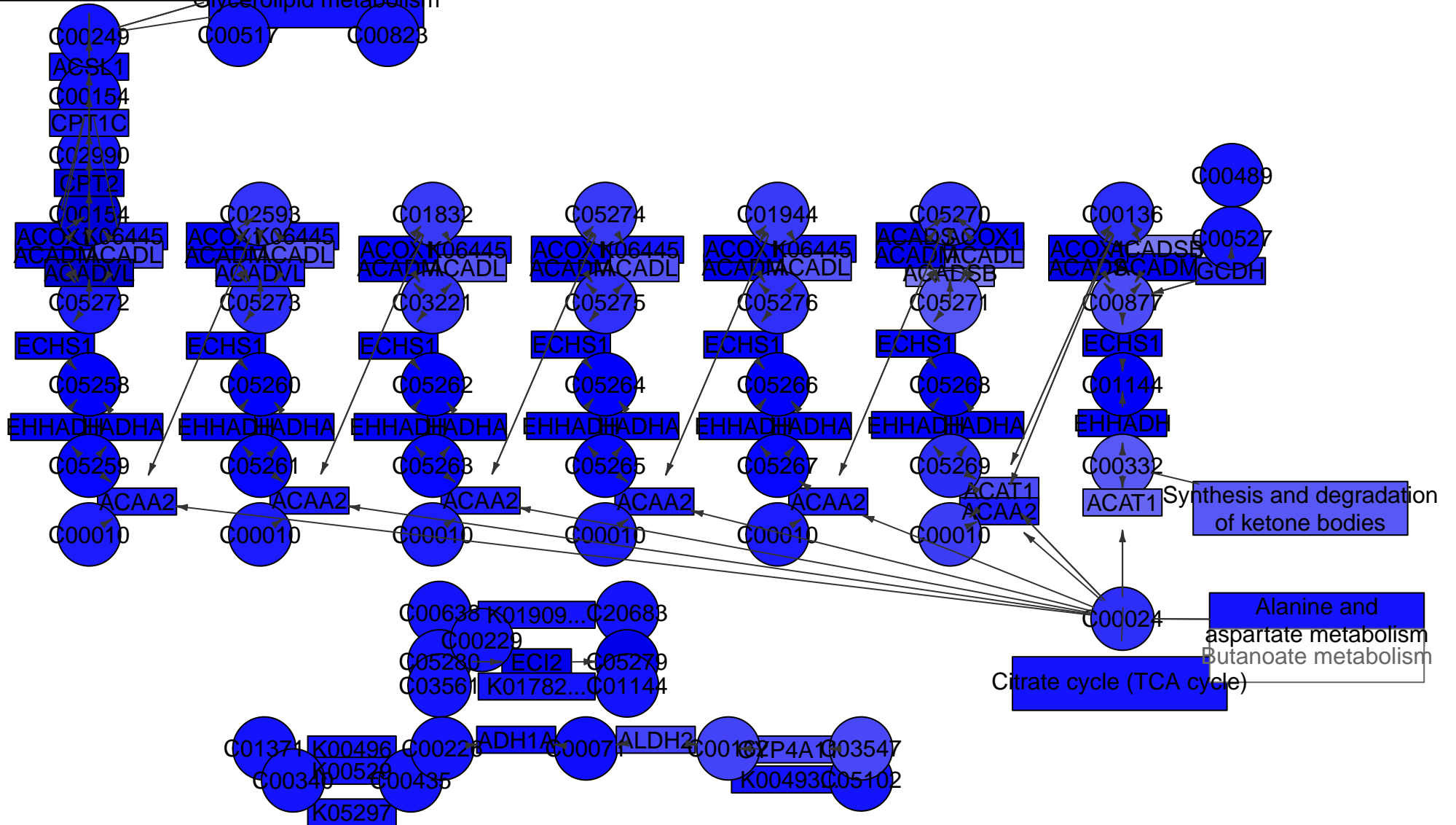


Fatty acid degradation
MPI-208

Fatty acid biosynthesis

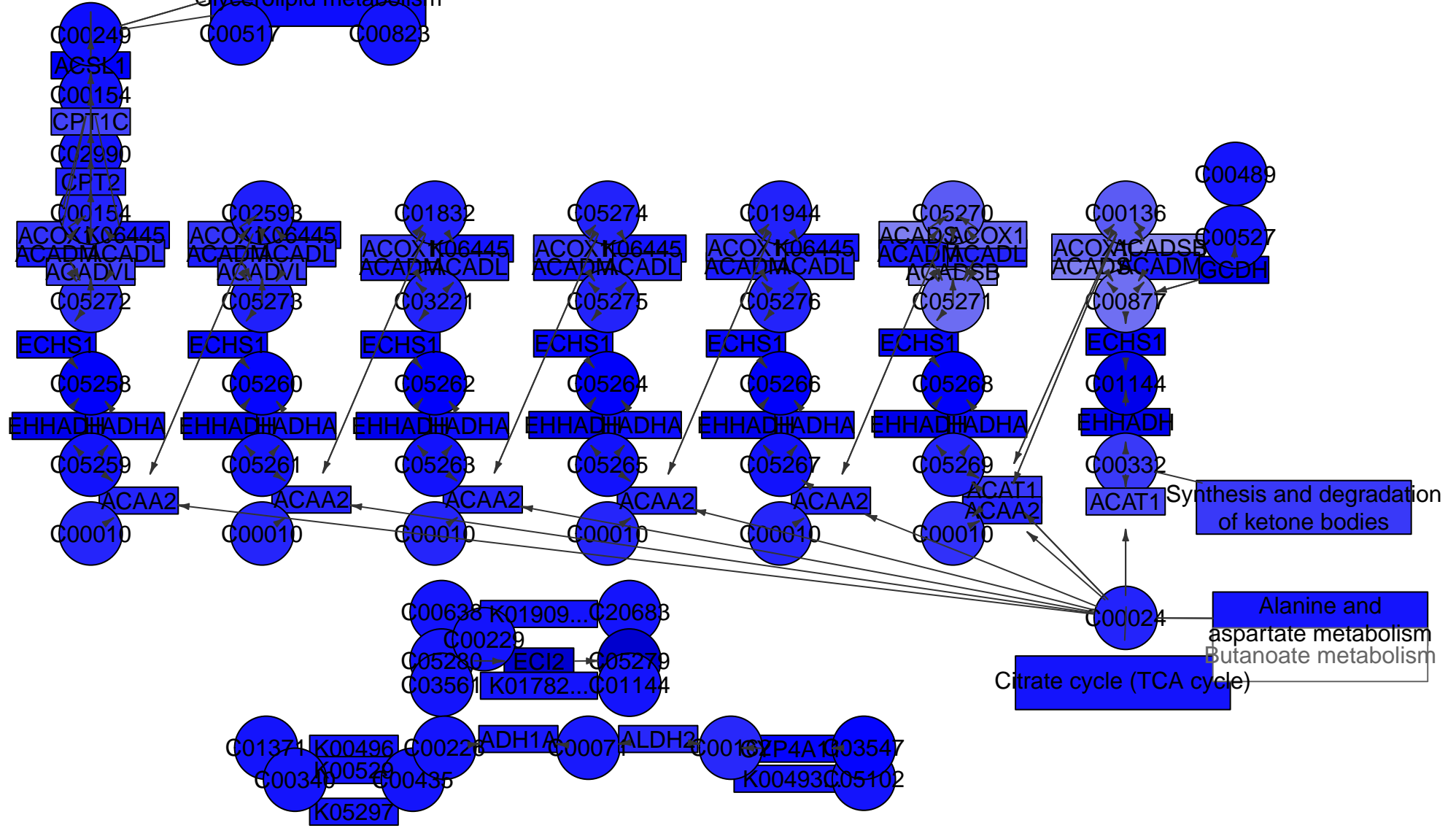
Fatty acid elongation

Glycerolipid metabolism



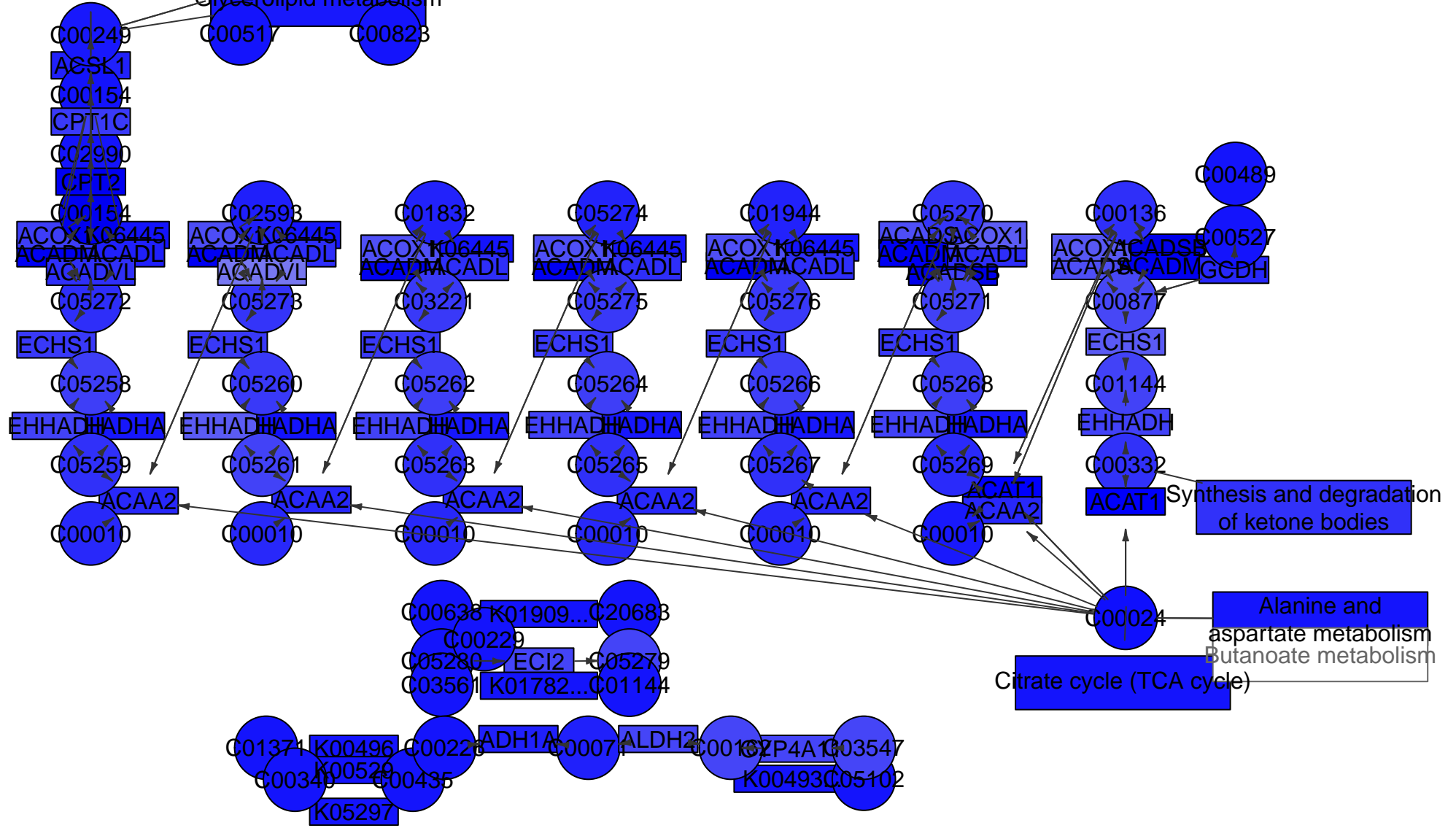
Fatty acid degradation
MPI-209

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



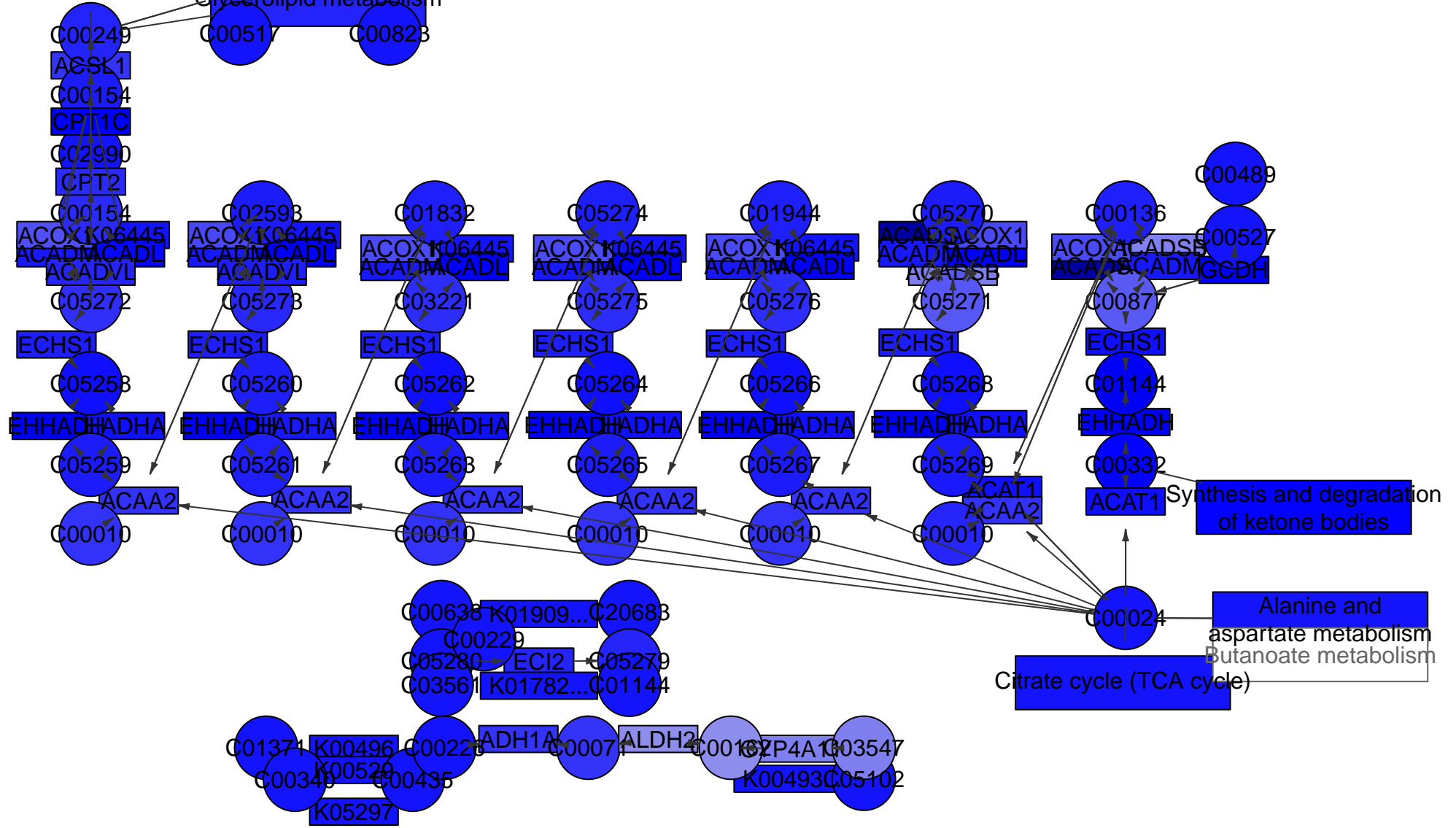
Fatty acid degradation
MPI-210

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



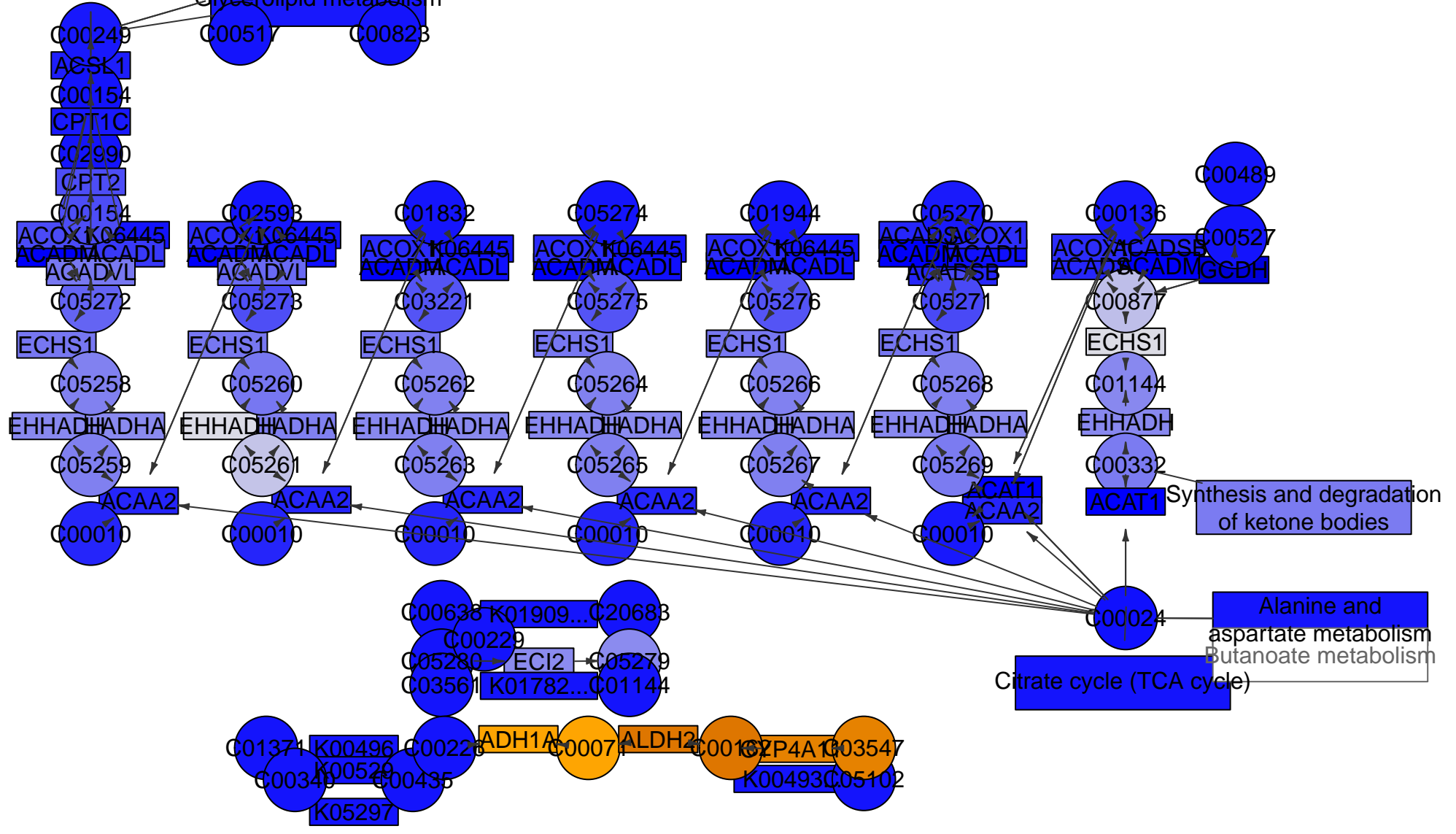
Fatty acid degradation
MPI-212

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



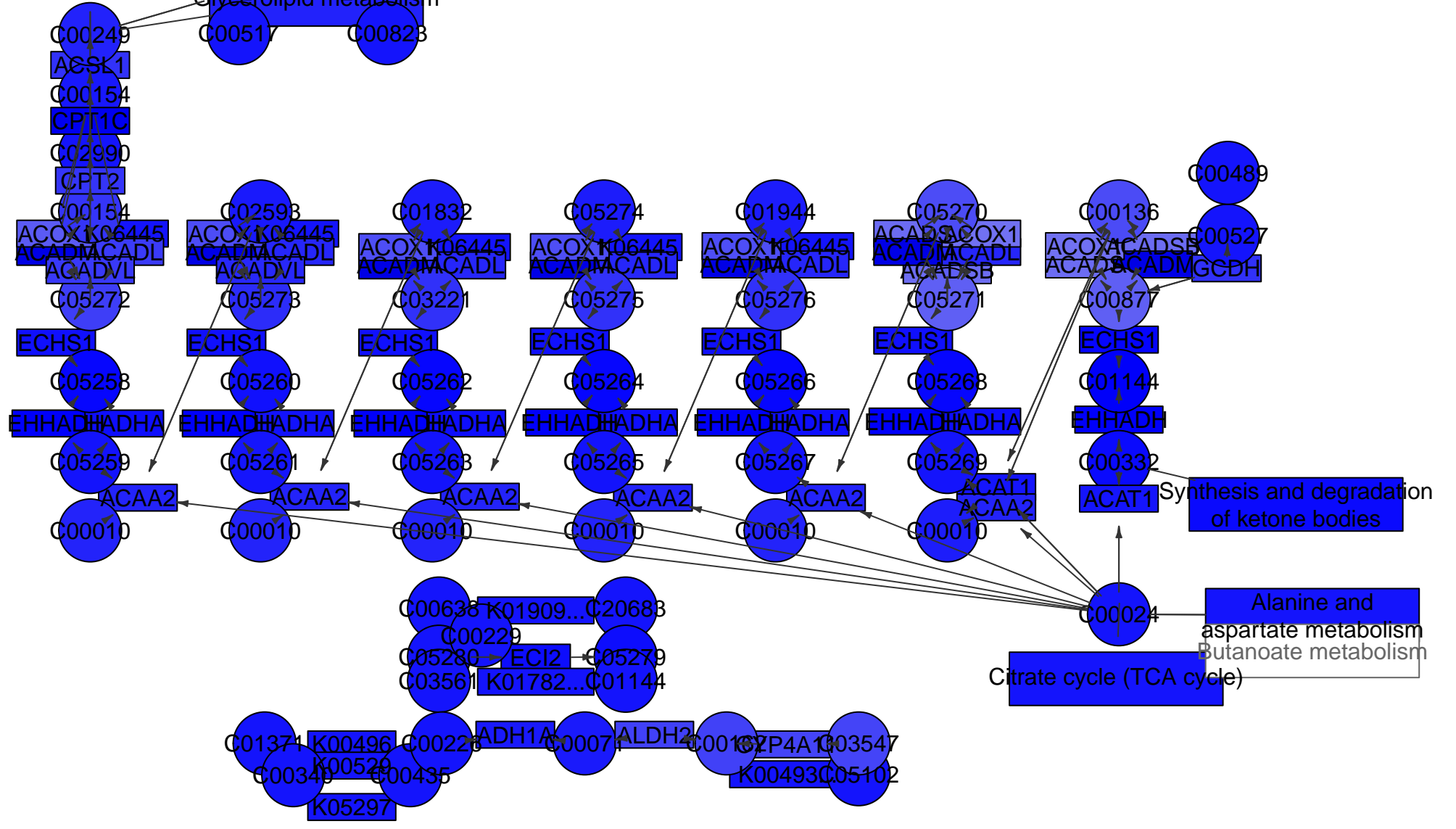
Fatty acid degradation
MPI-213

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



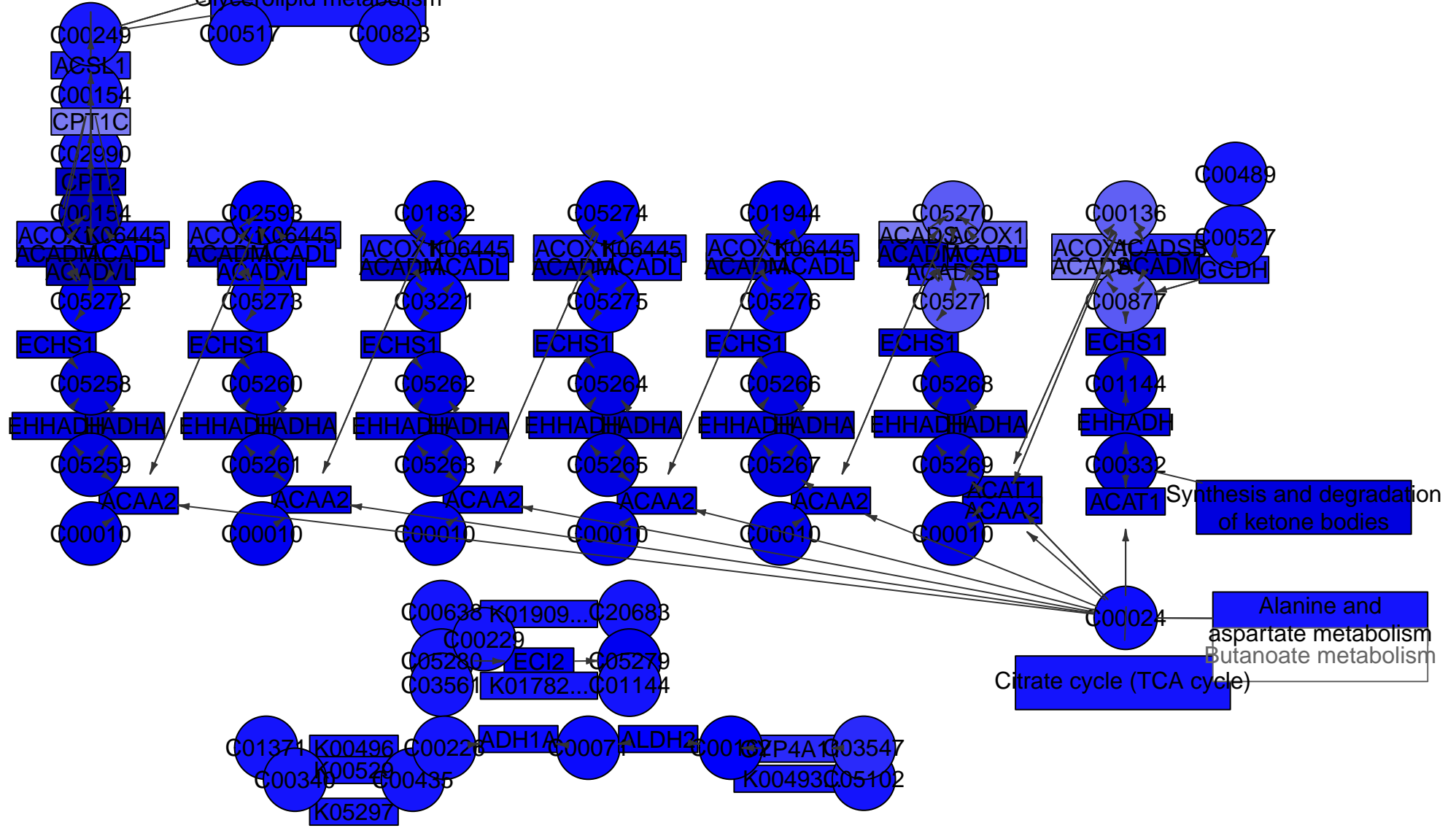
Fatty acid degradation
MPI-215

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



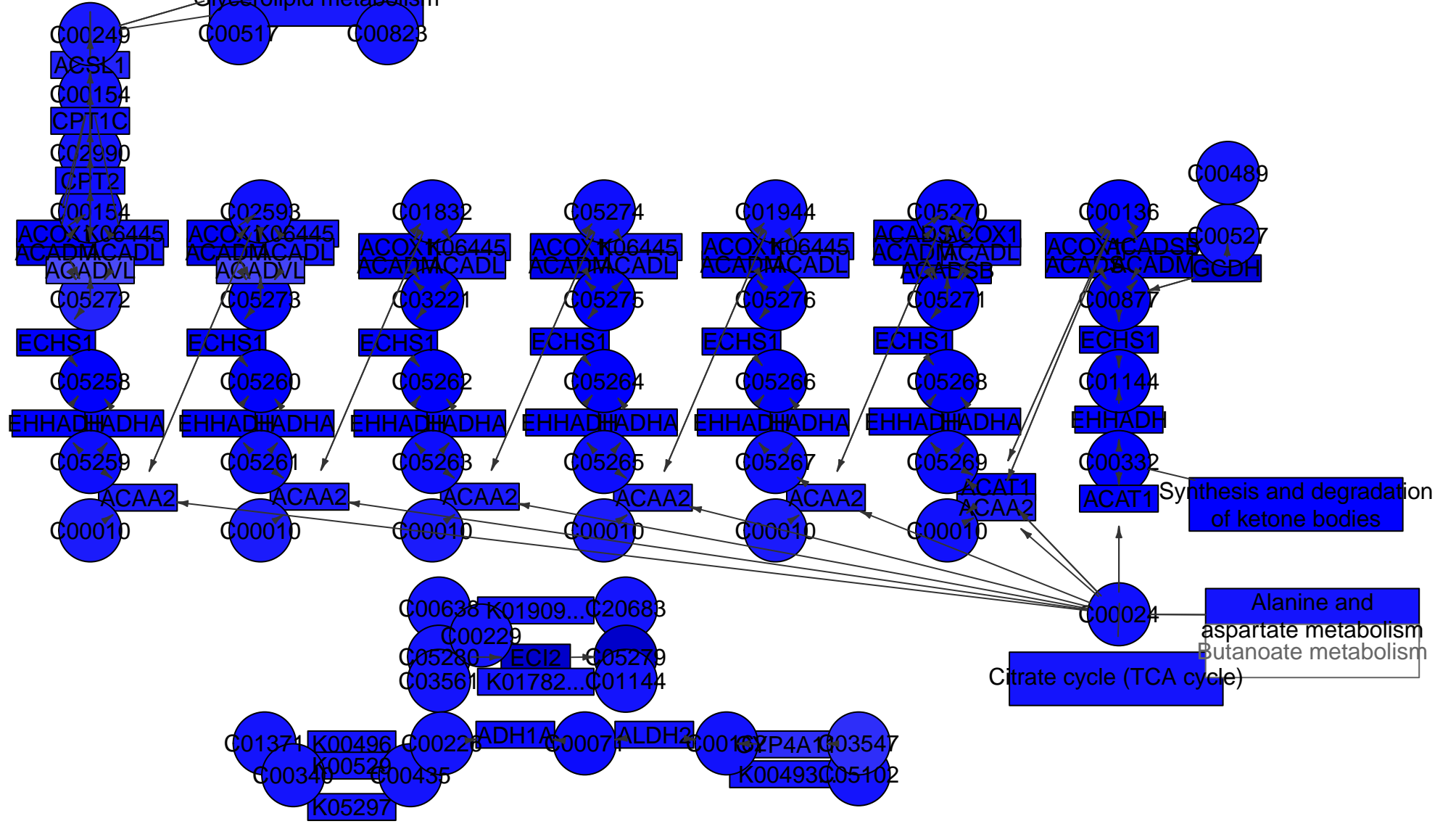
Fatty acid degradation
MPI-219

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



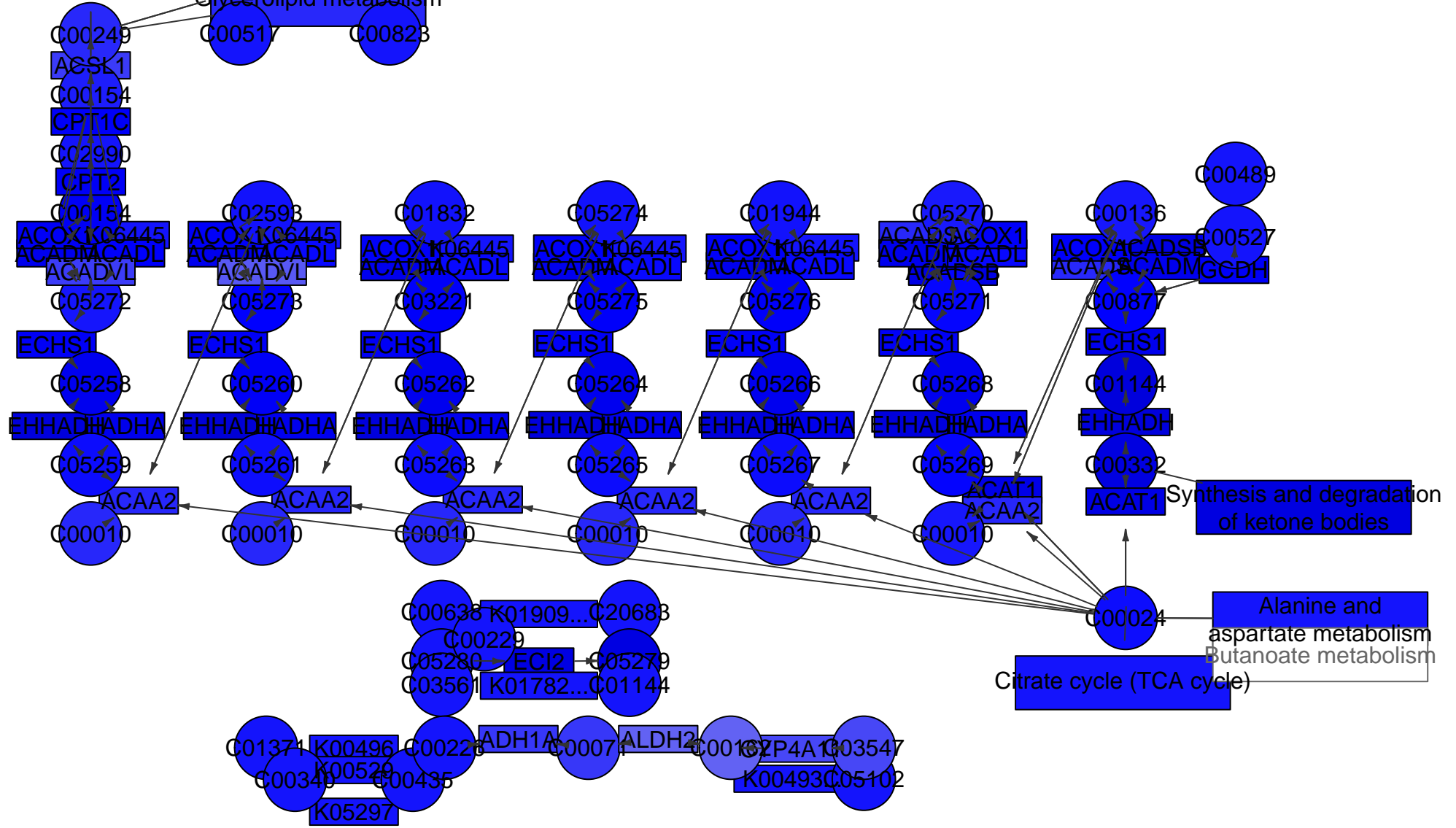
Fatty acid degradation
MPI-221

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



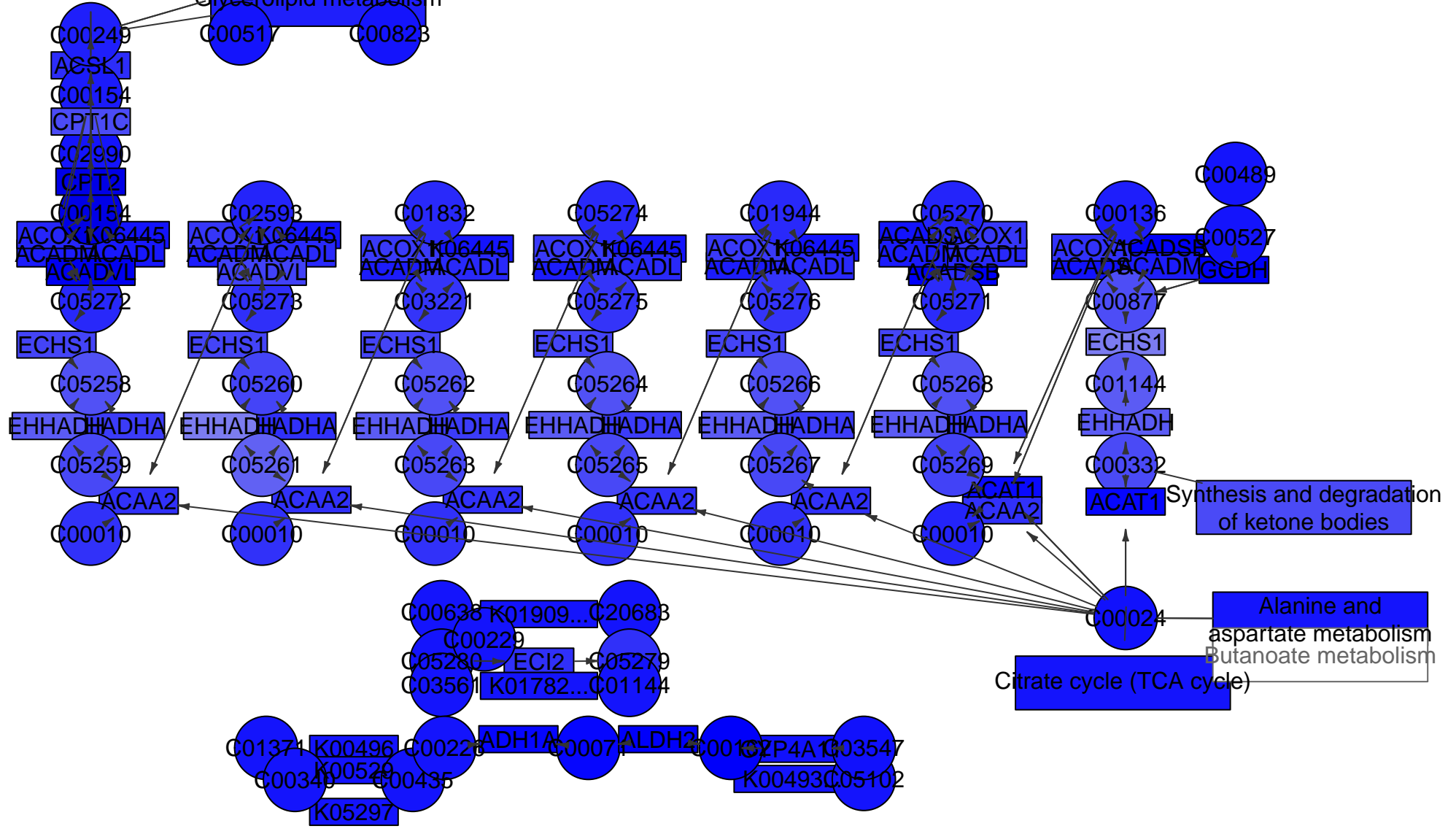
Fatty acid degradation
MPI-223a

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



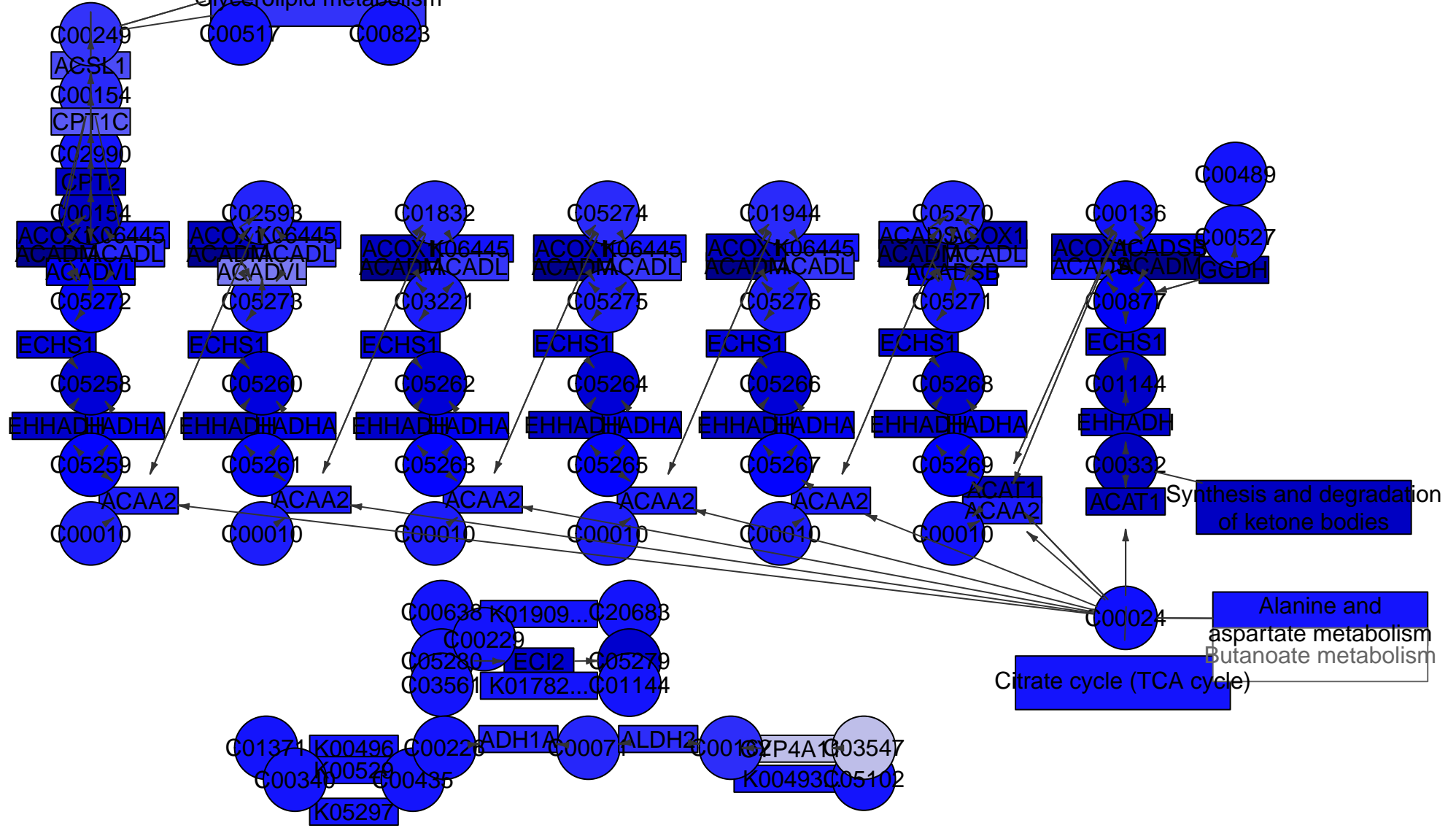
Fatty acid degradation
MPI-224

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-226

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

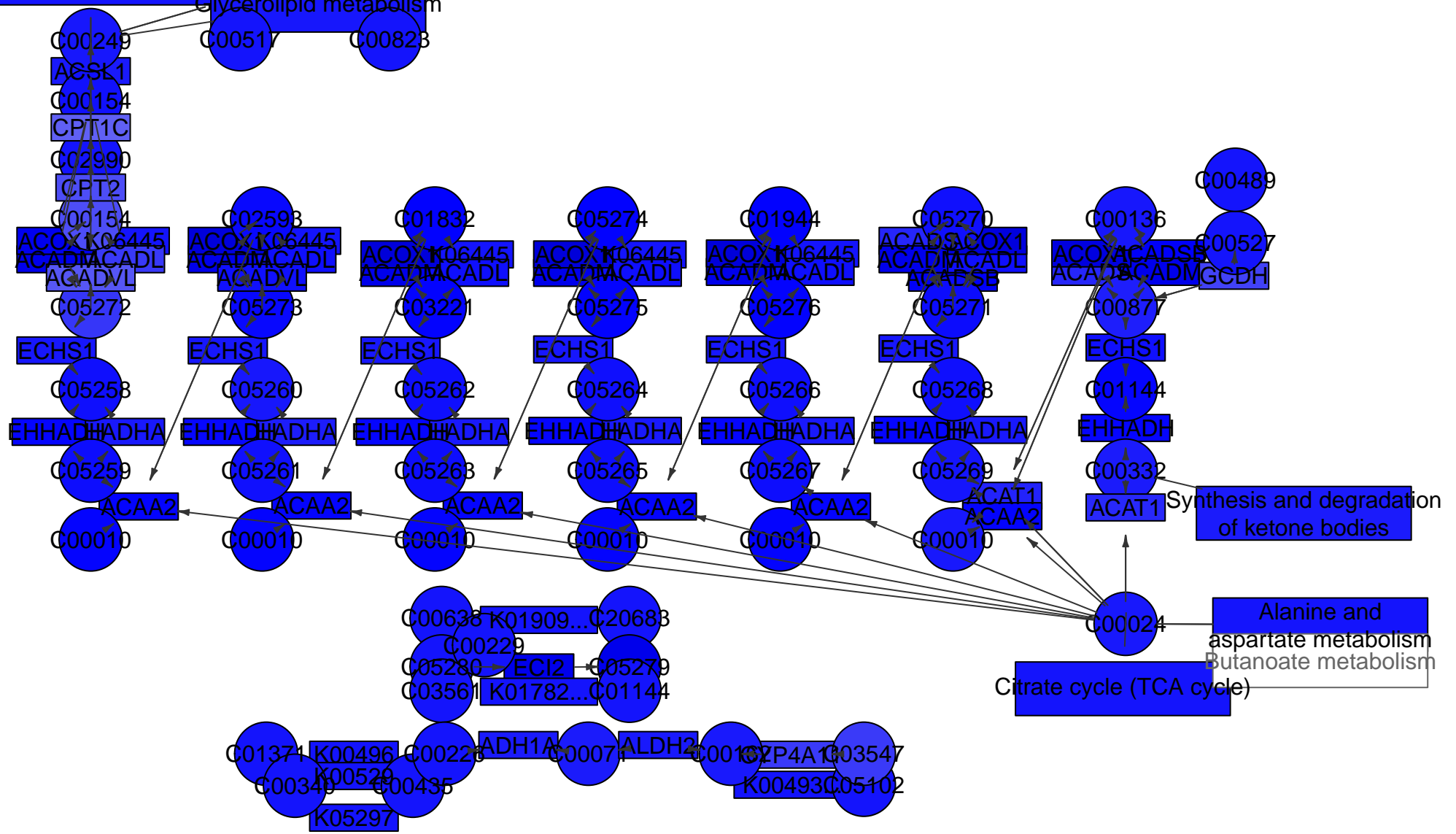


Fatty acid degradation
MPI-227

Fatty acid biosynthesis

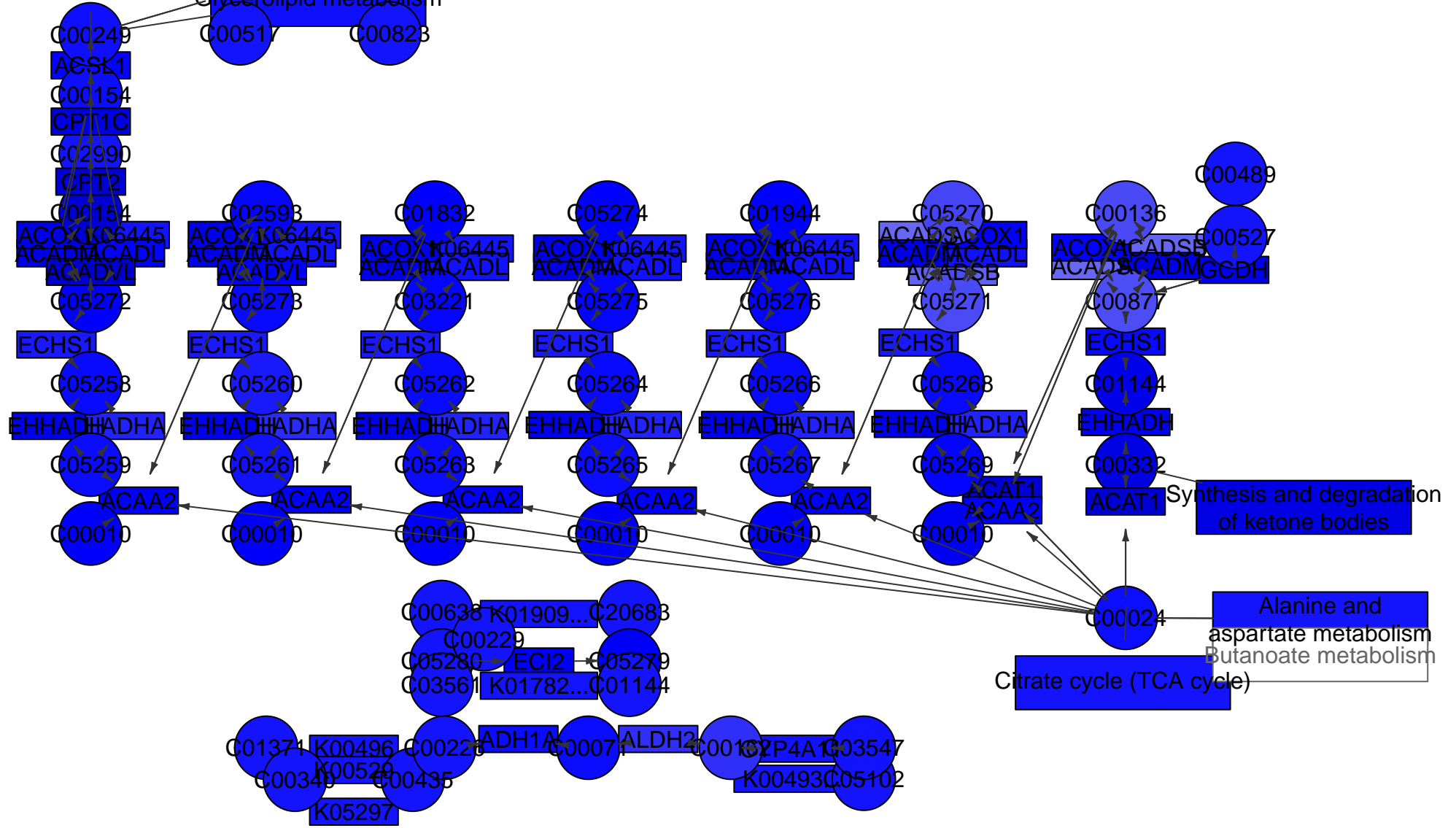
Fatty acid elongation

Glycerolipid metabolism



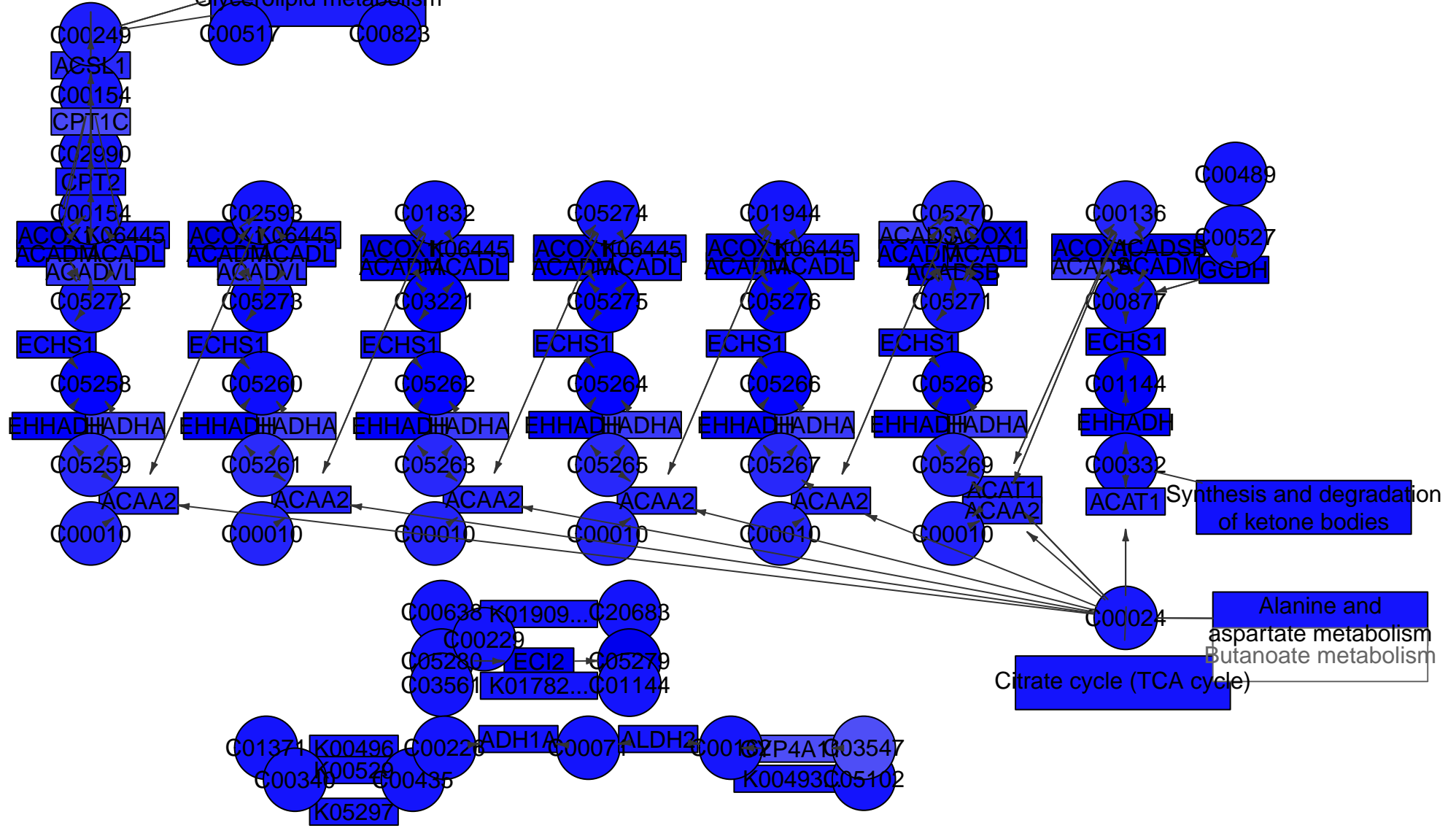
Fatty acid degradation
MPI-228

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-229

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



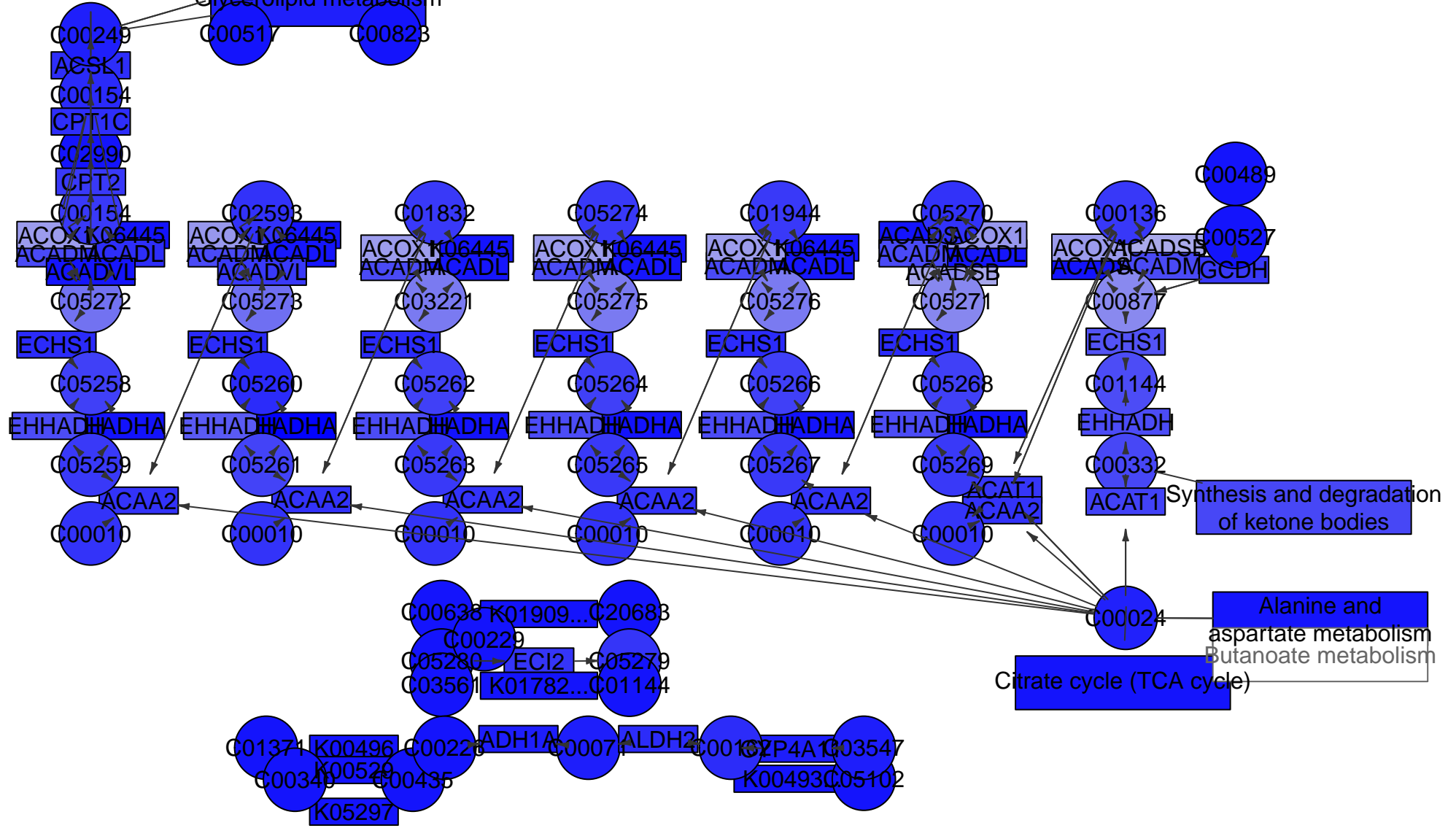
Synthesis and degradation
of ketone bodies

Alanine and
aspartate metabolism
Butanoate metabolism

Citrate cycle (TCA cycle)

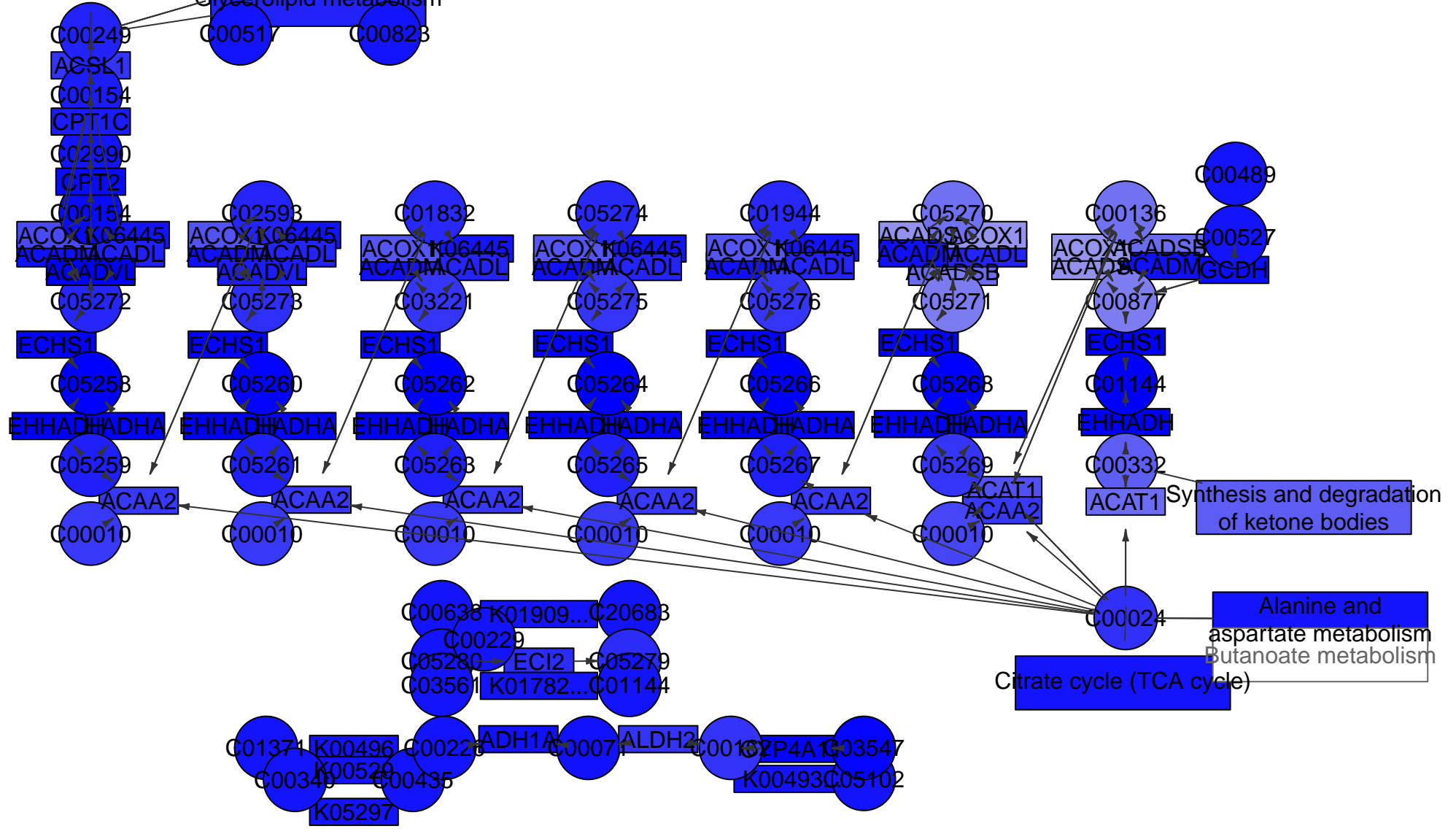
Fatty acid degradation
MPI-230

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



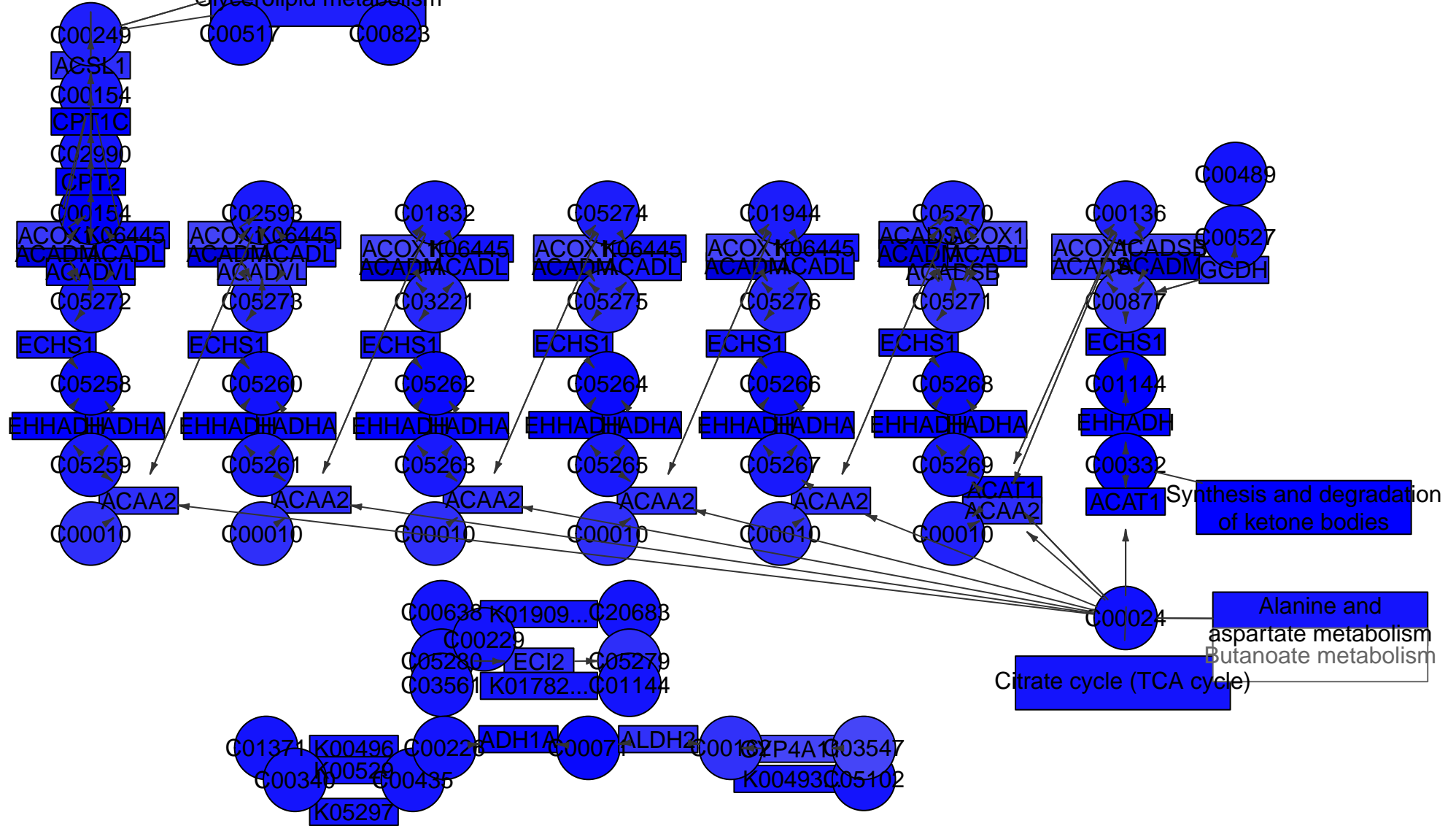
Fatty acid degradation
MPI-231

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



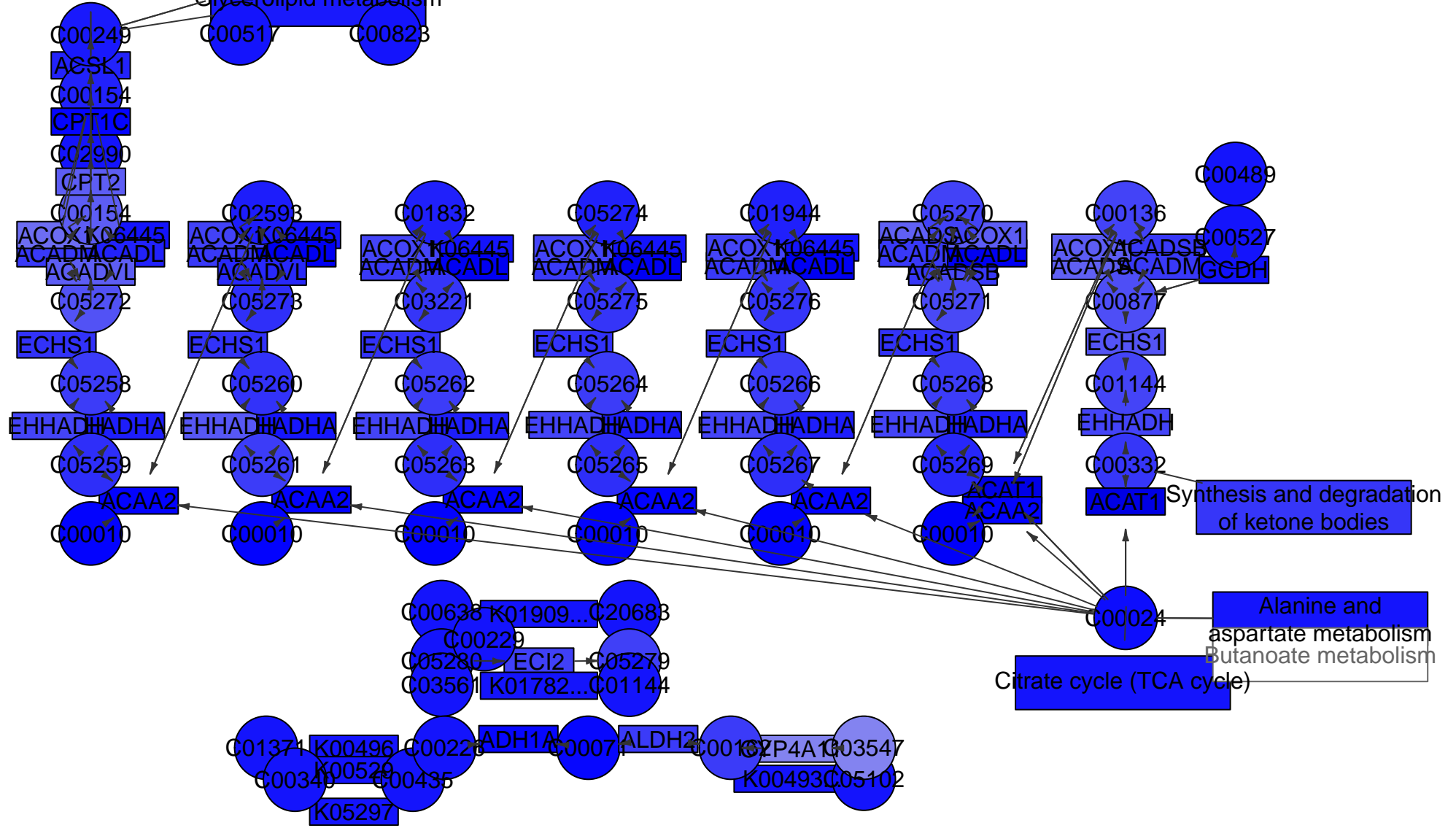
Fatty acid degradation
MPI-232

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



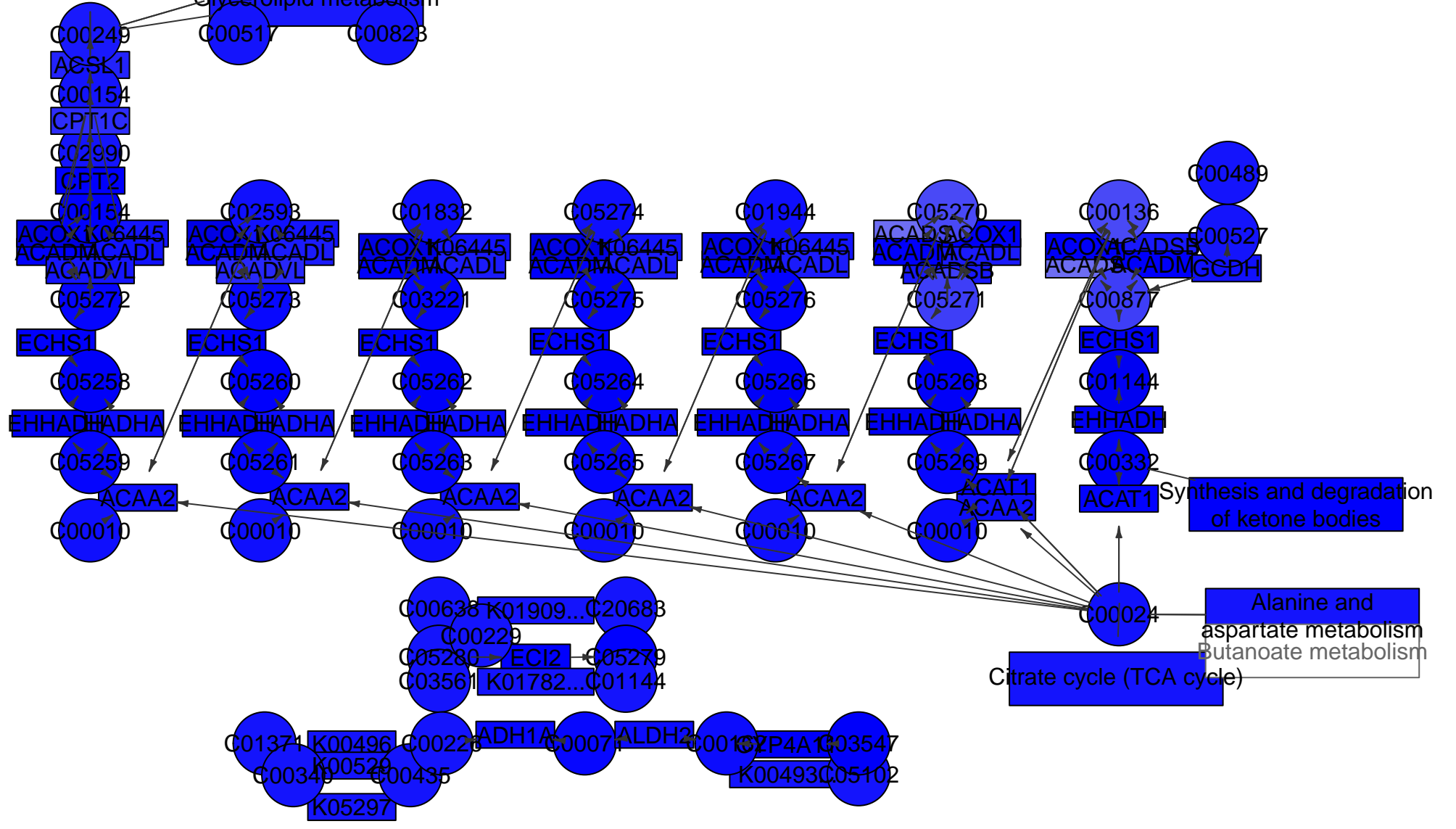
Fatty acid degradation
MPI-233

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



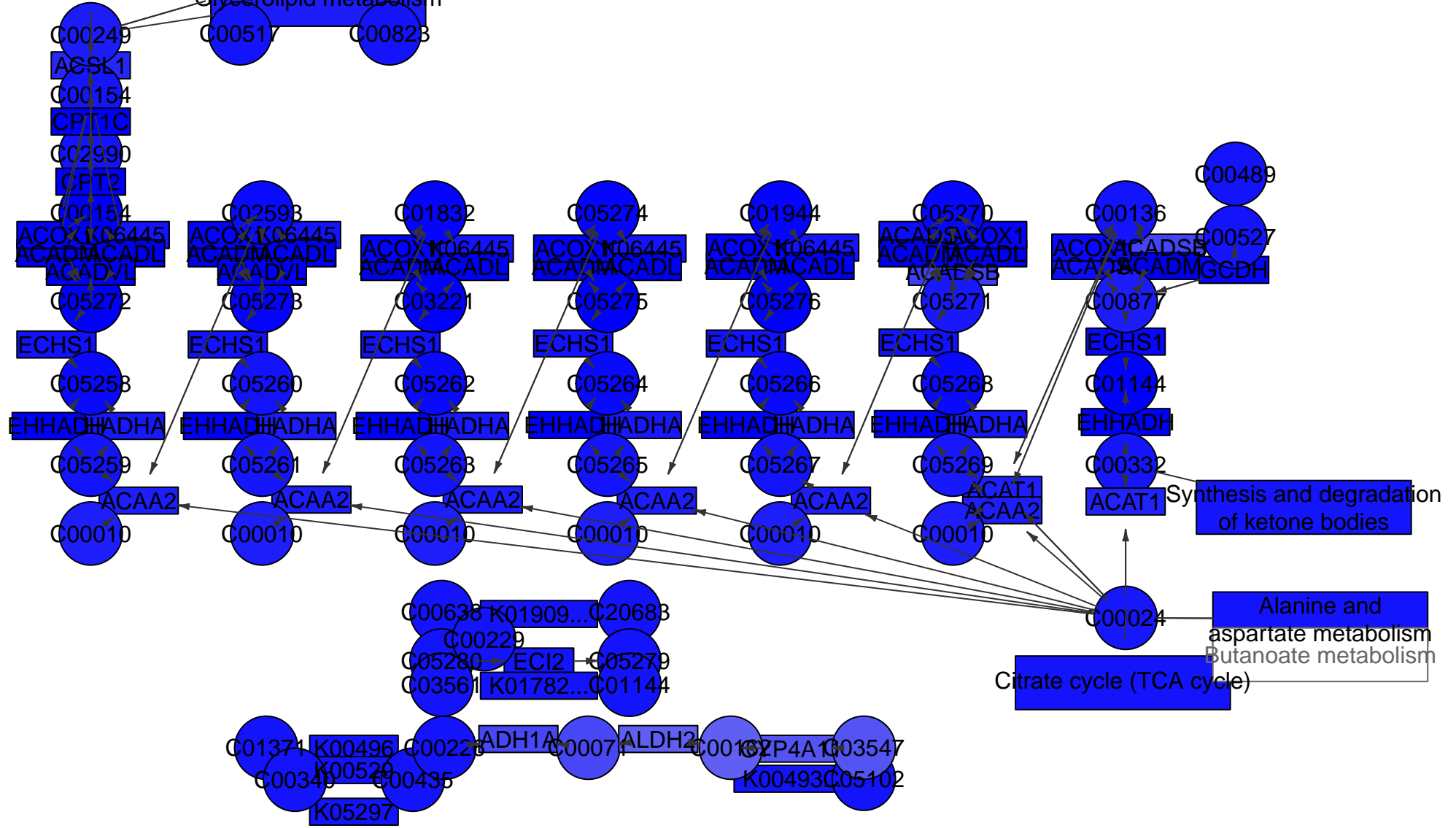
Fatty acid degradation
MPI-234

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



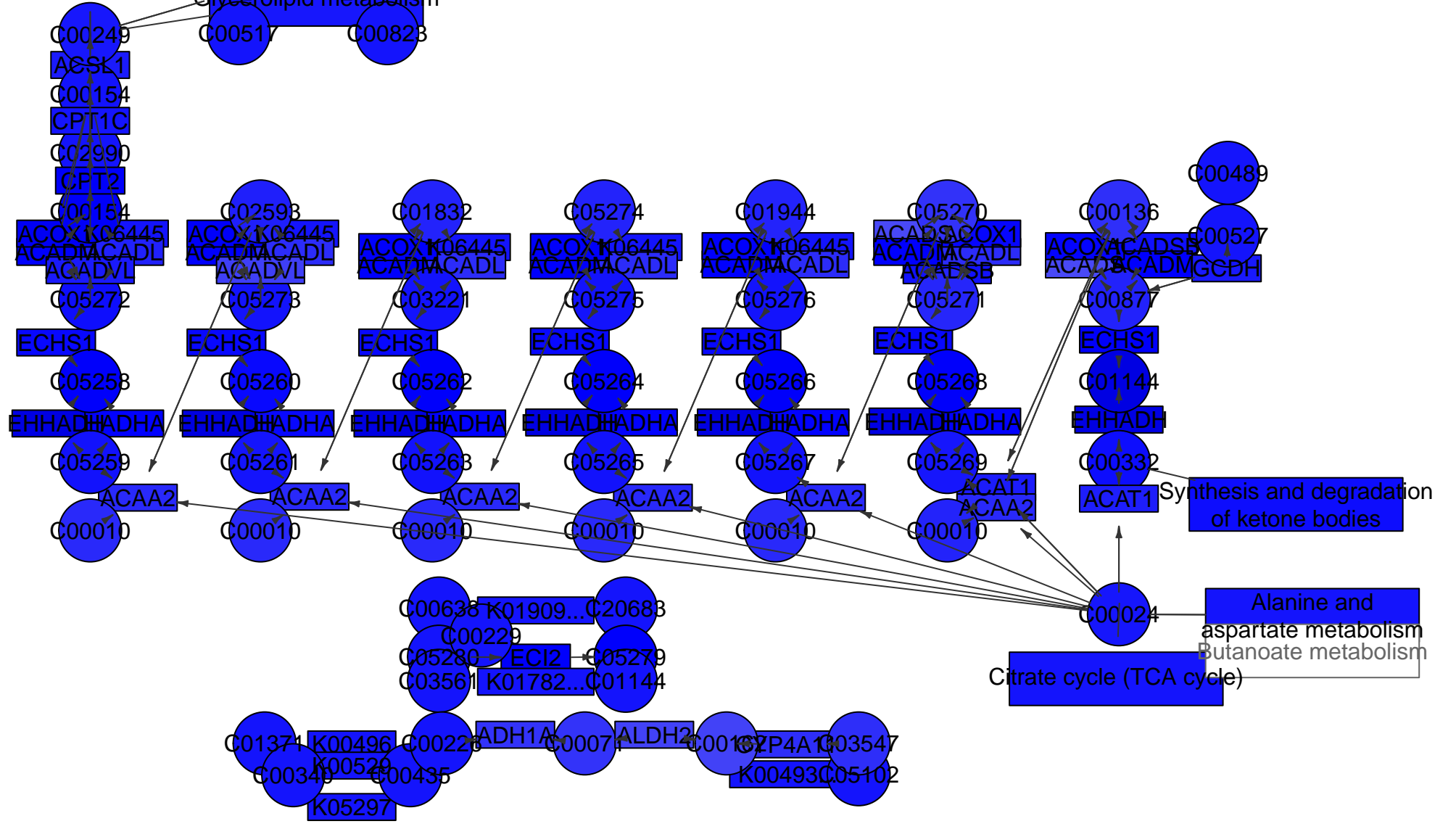
Fatty acid degradation
MPI-235

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



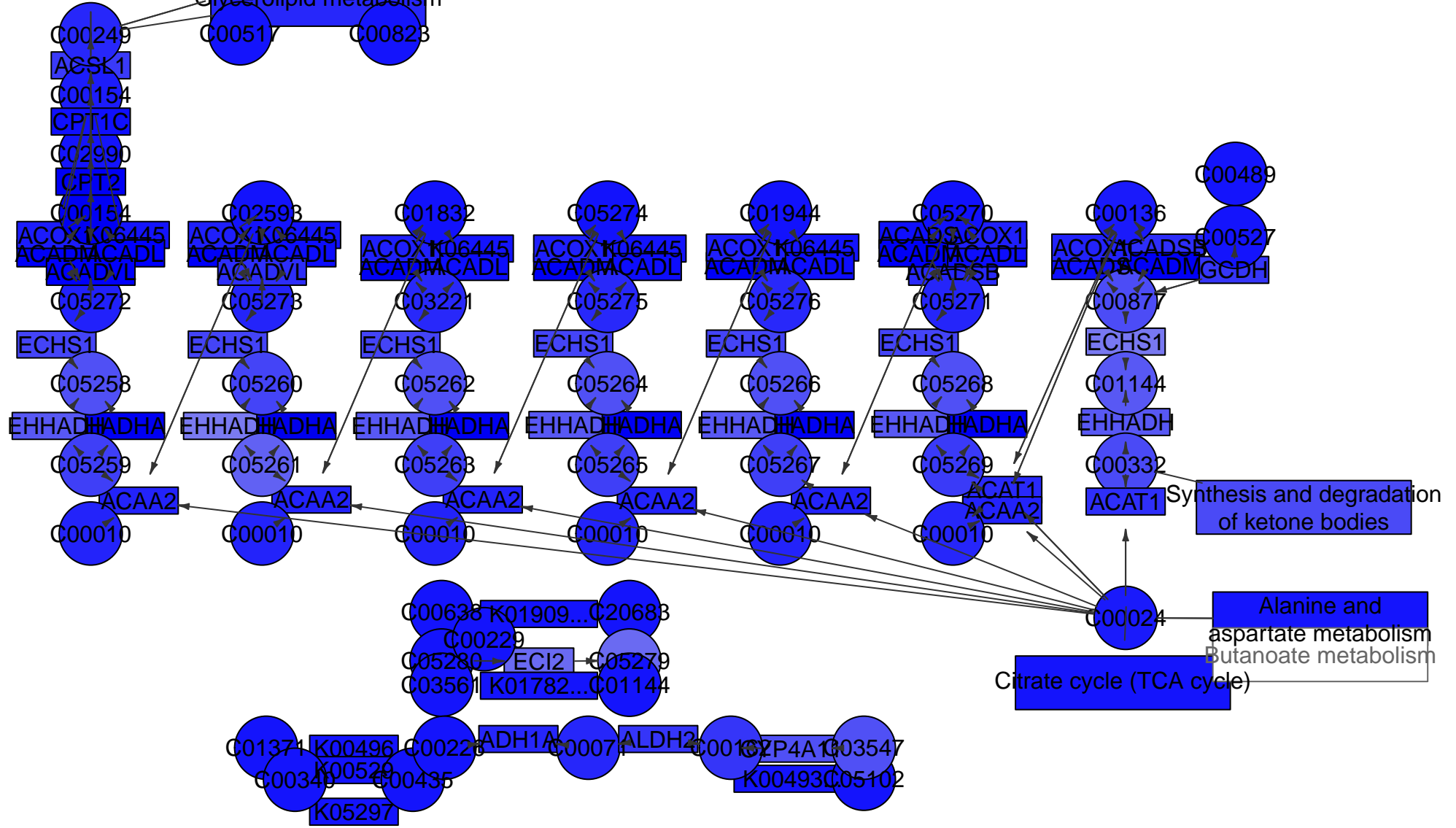
Fatty acid degradation
MPI-236

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



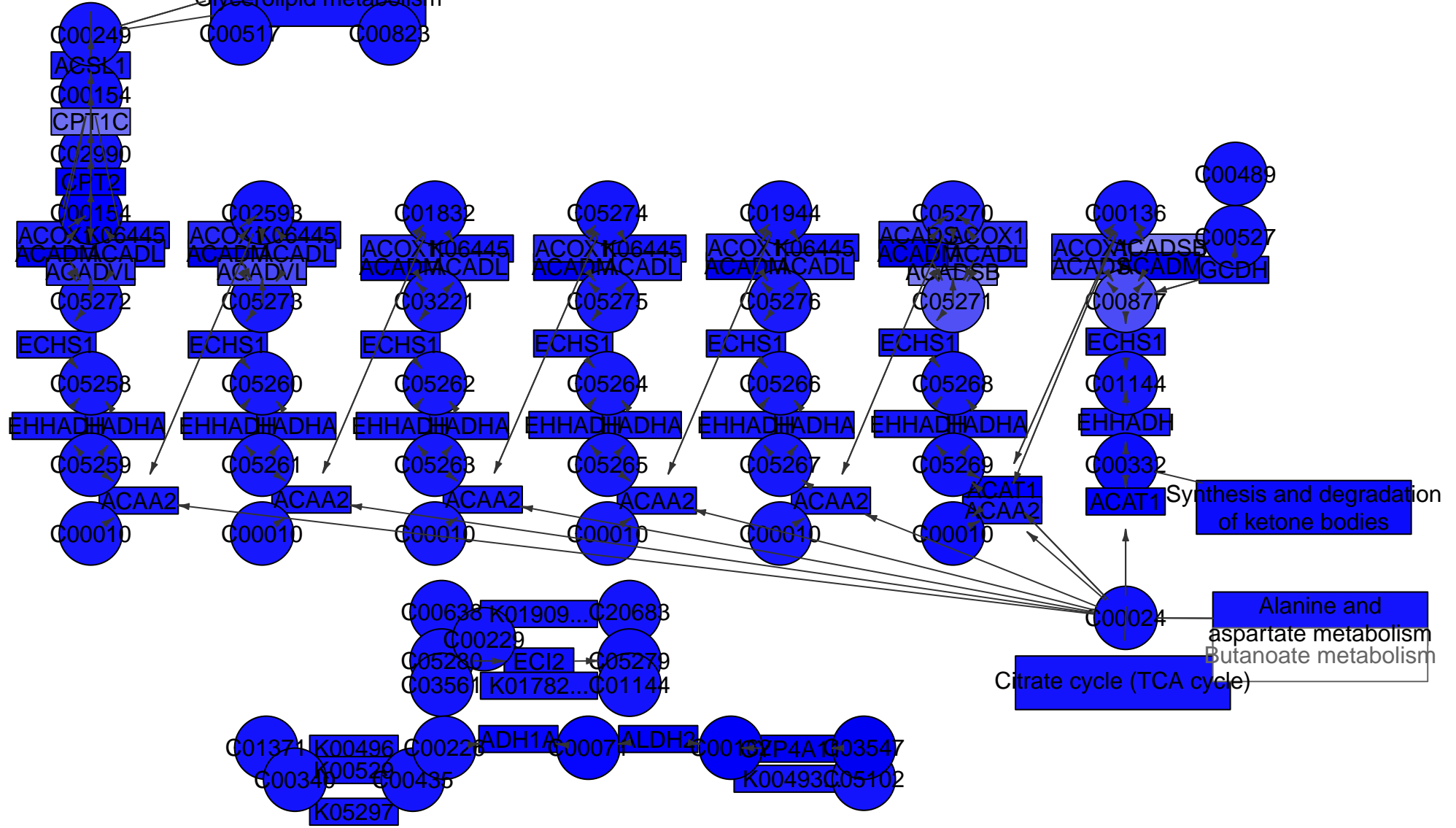
Fatty acid degradation
MPI-237

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-239

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

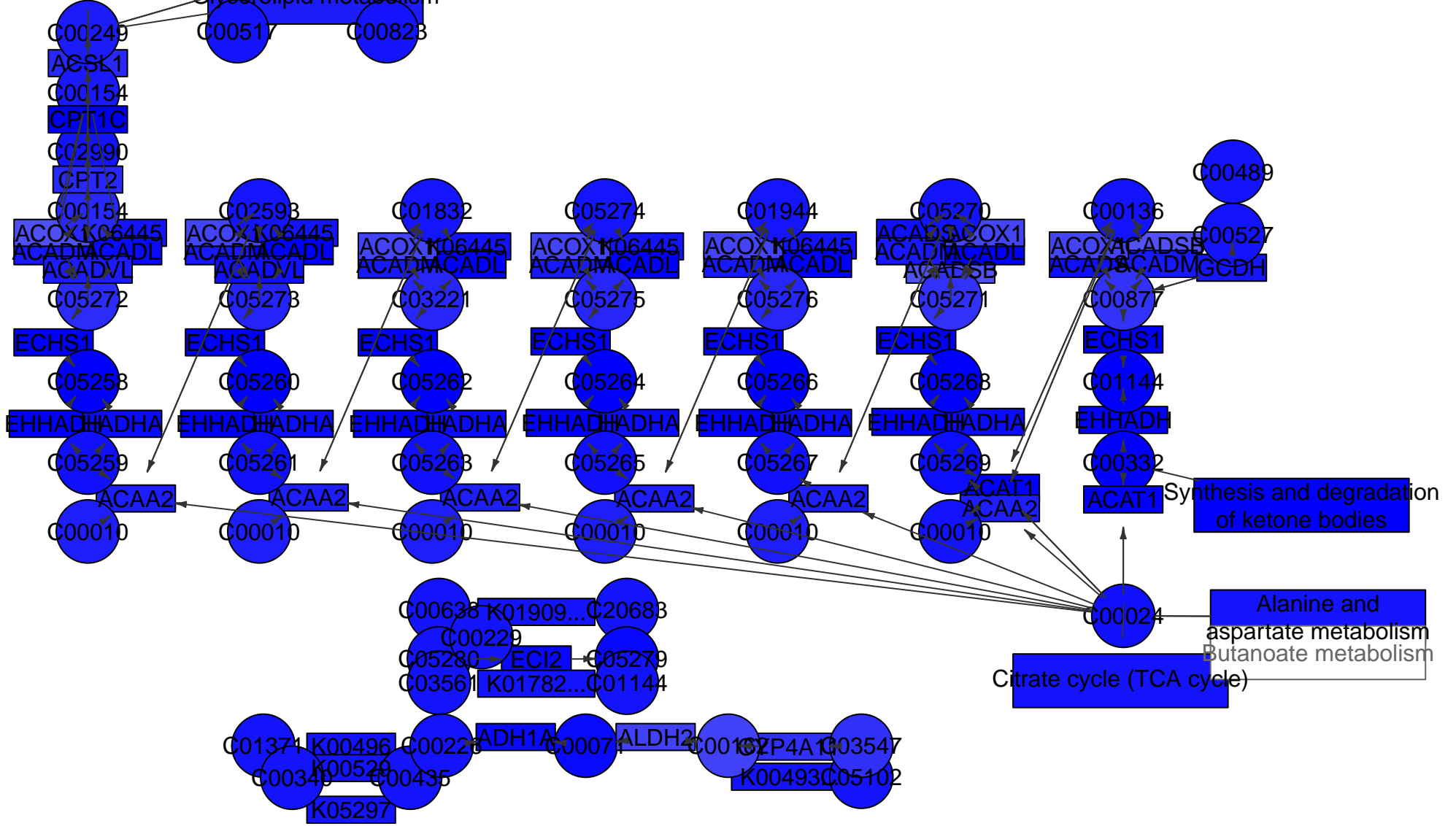


Fatty acid degradation
MPI-241

Fatty acid biosynthesis

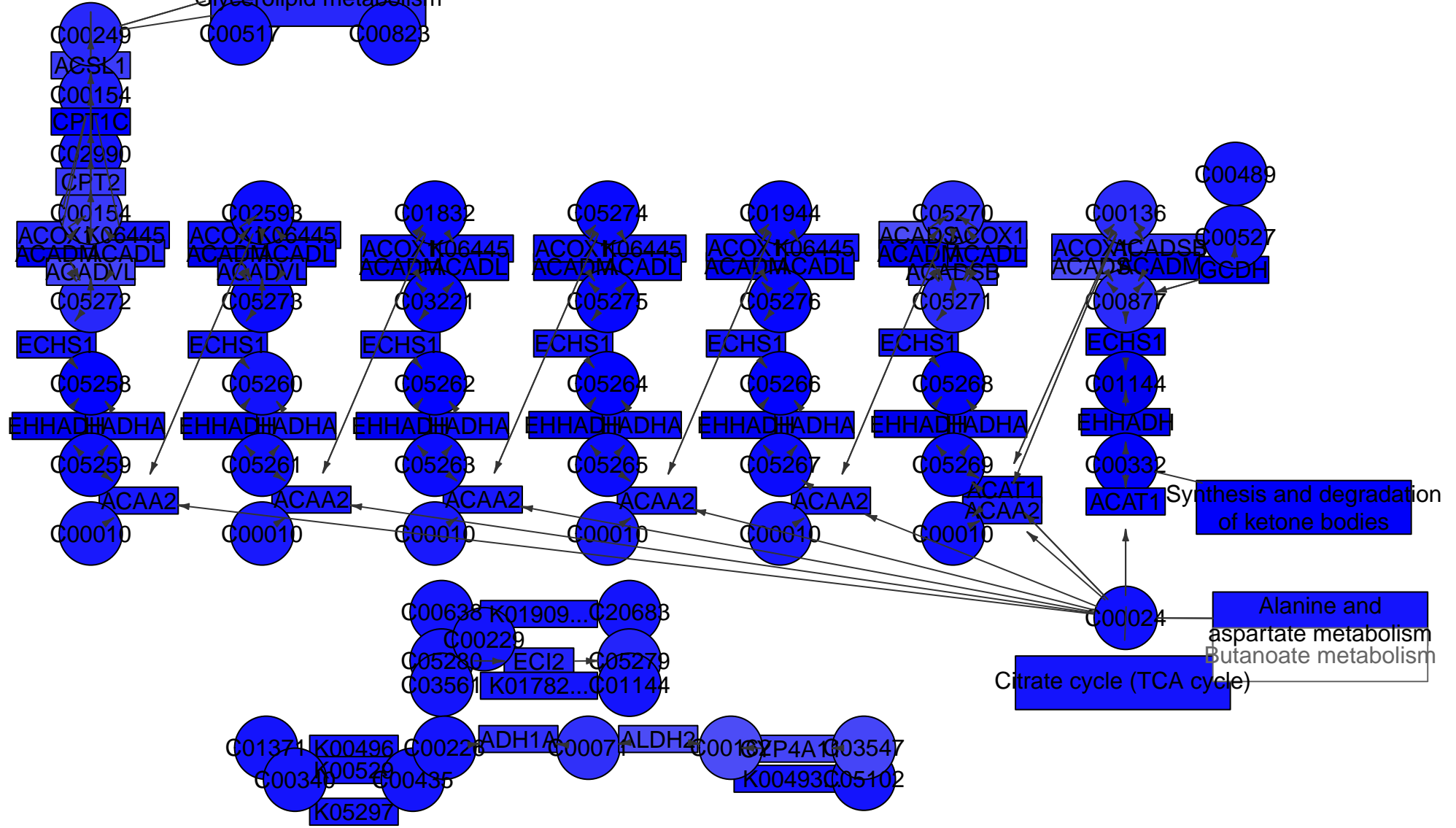
Fatty acid elongation

Glycerolipid metabolism



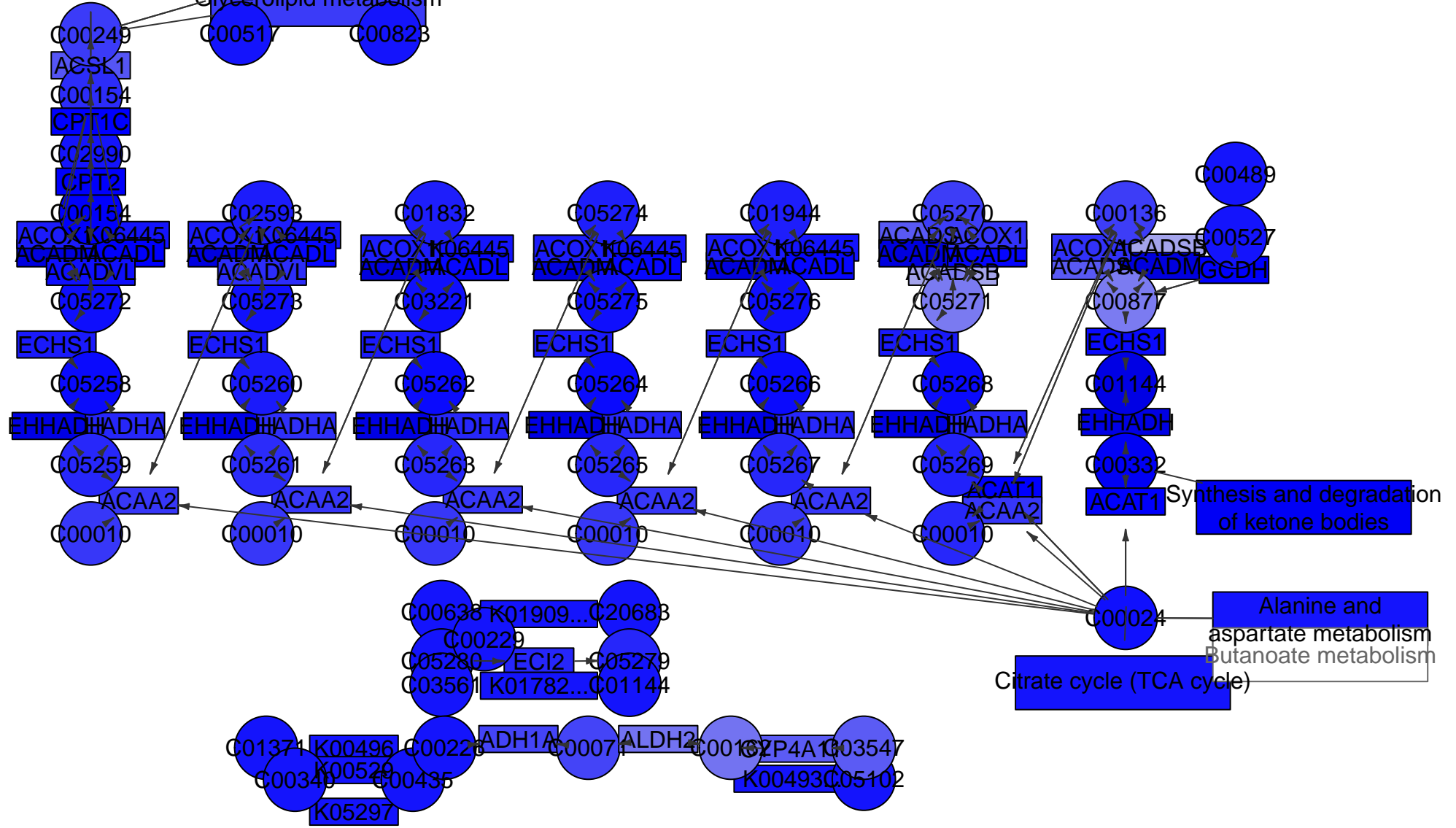
Fatty acid degradation
MPI-243

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



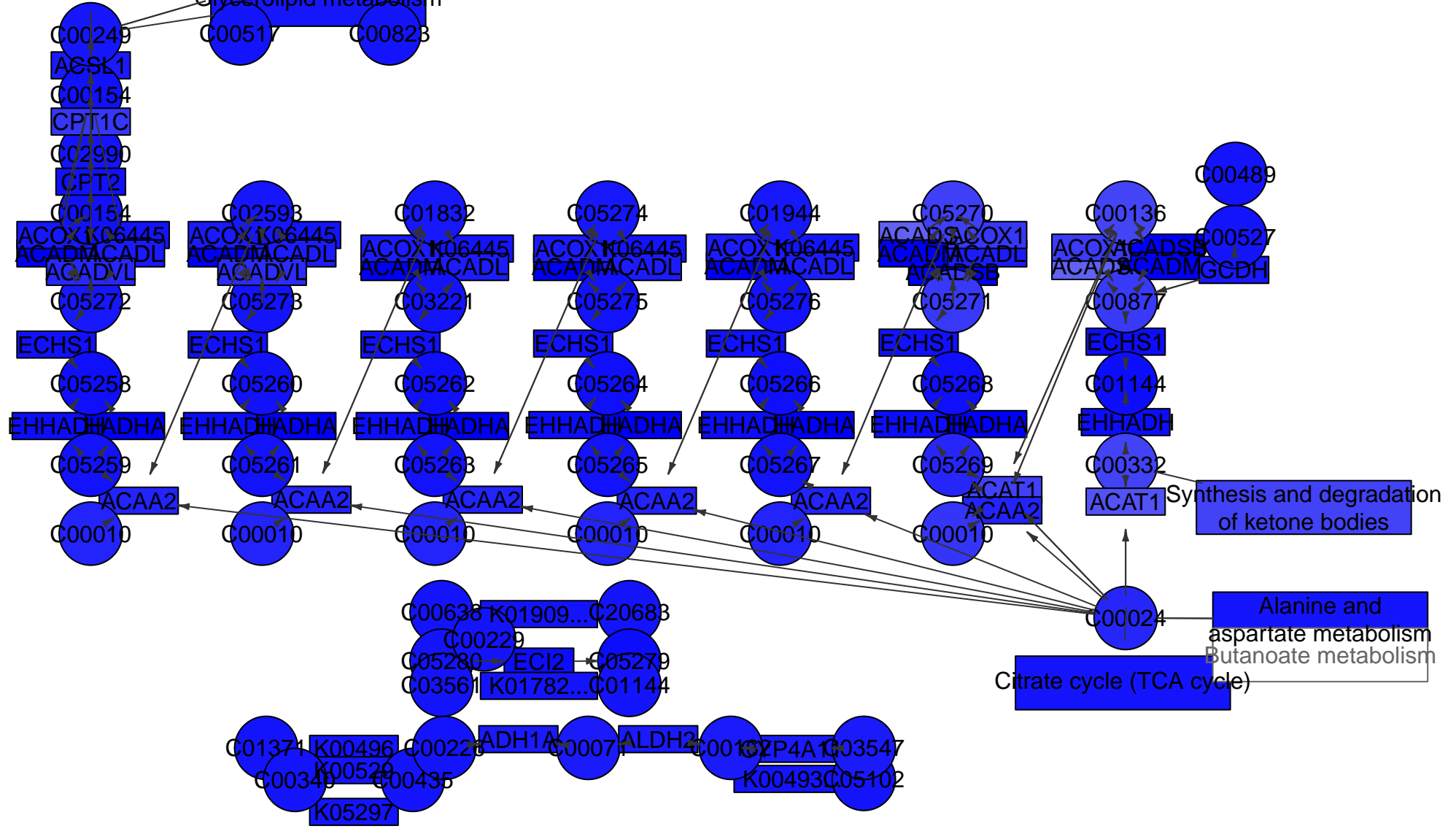
Fatty acid degradation
MPI-244

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



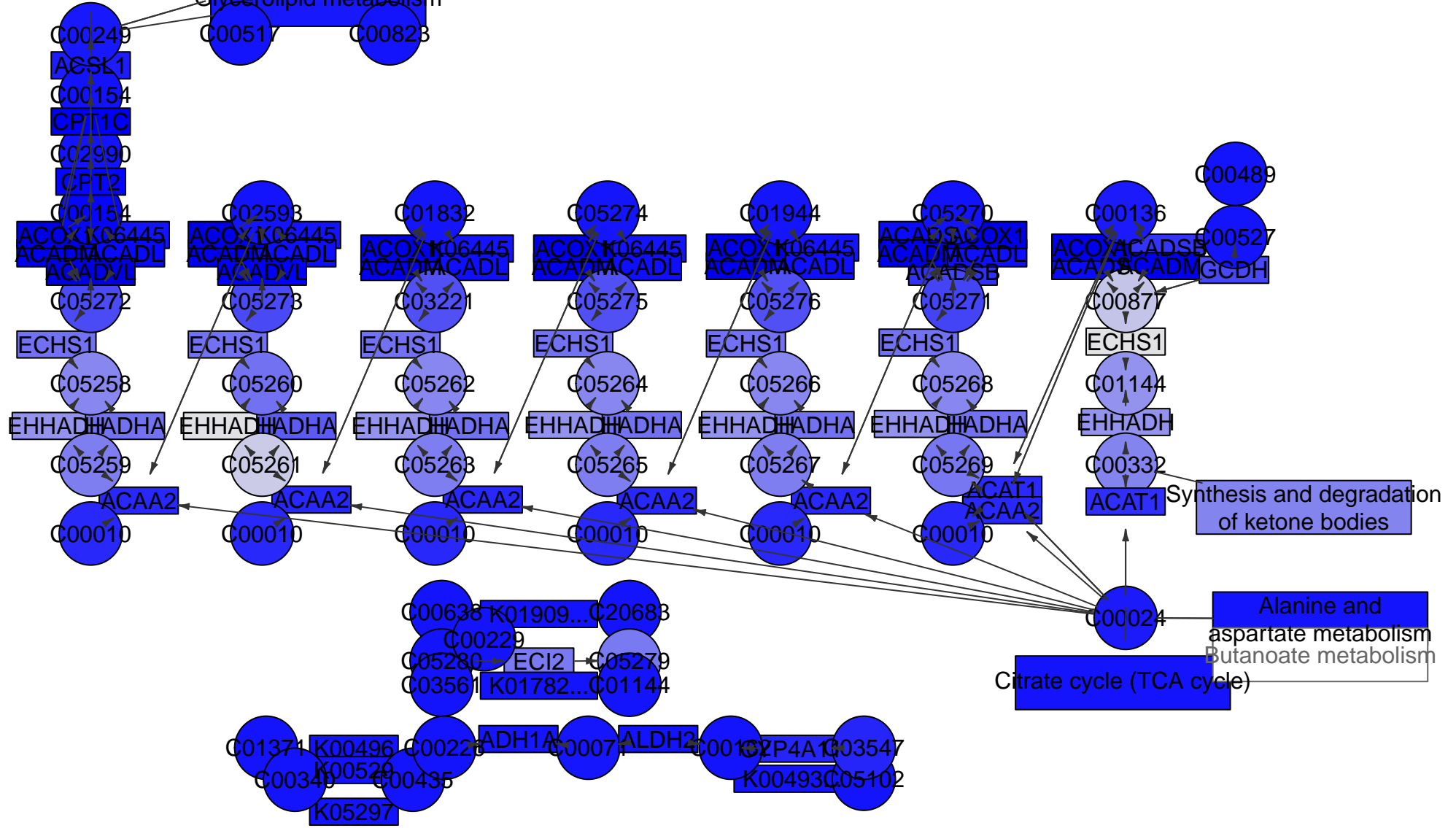
Fatty acid degradation
MPI-246

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



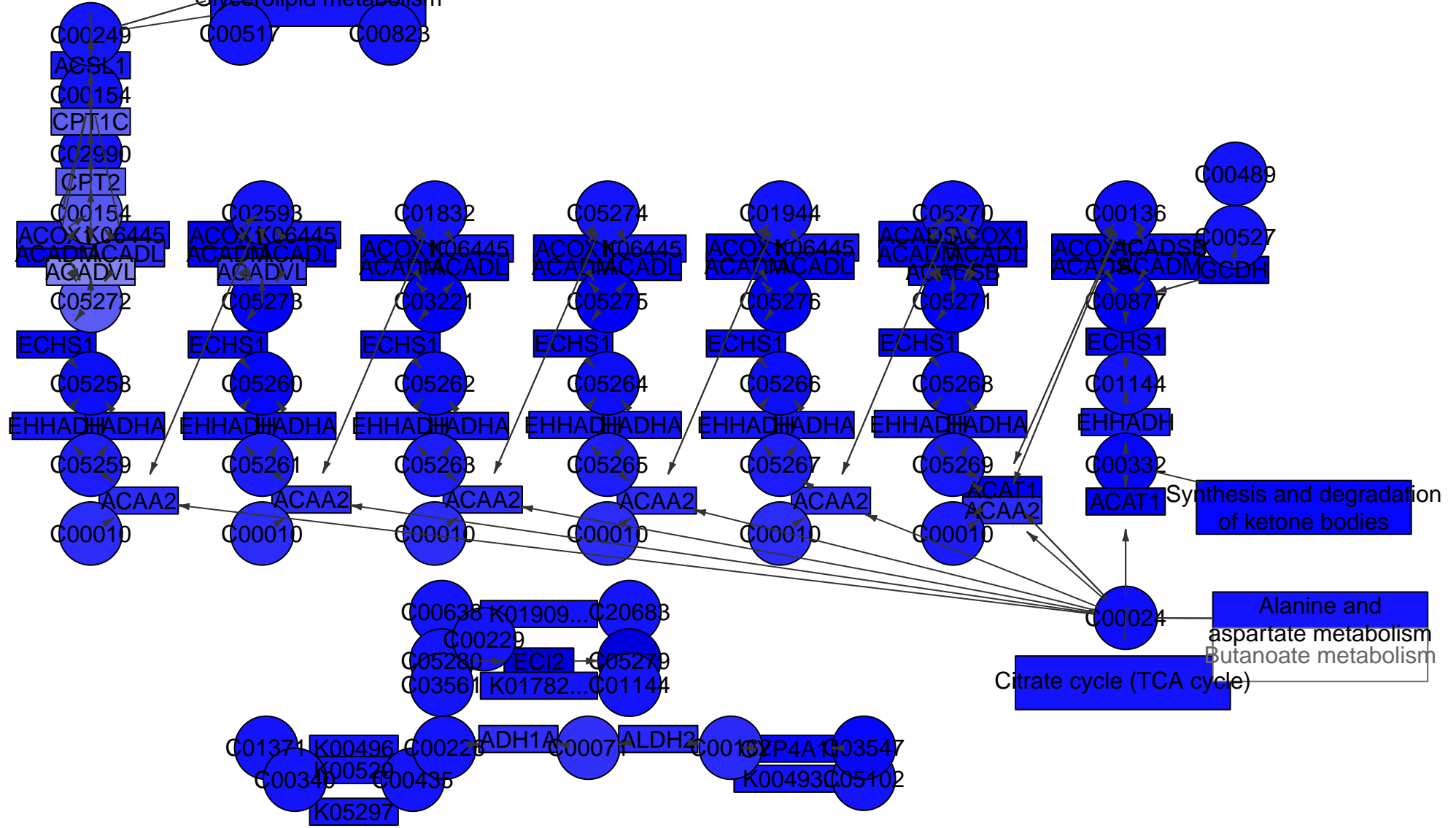
Fatty acid degradation
MPI-247

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



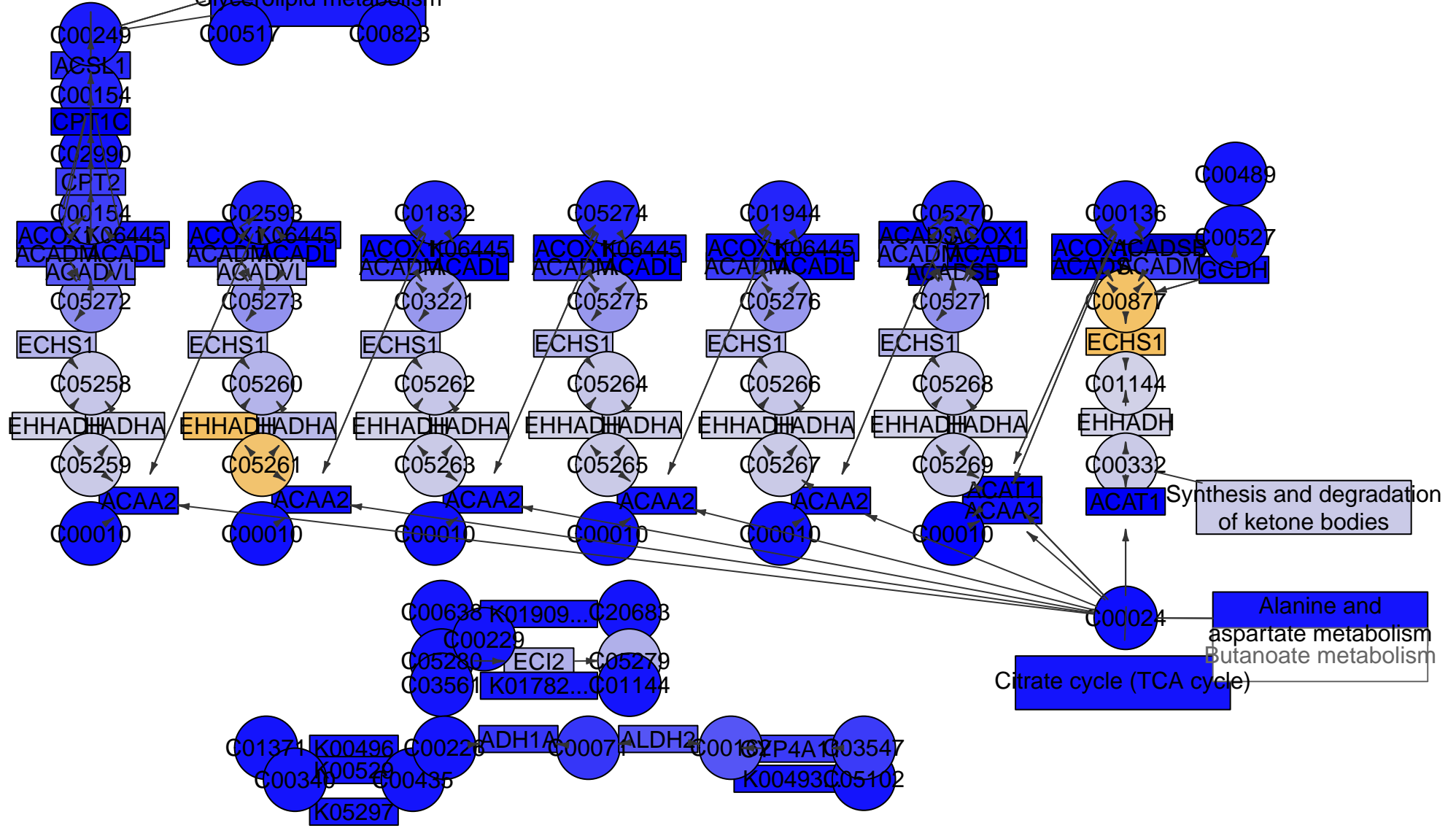
Fatty acid degradation
MPI-251

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-255

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism



Fatty acid degradation
MPI-223b

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism

