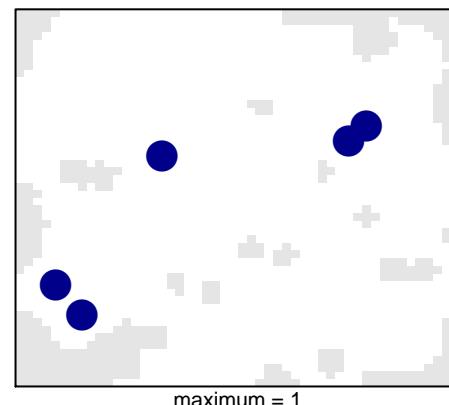
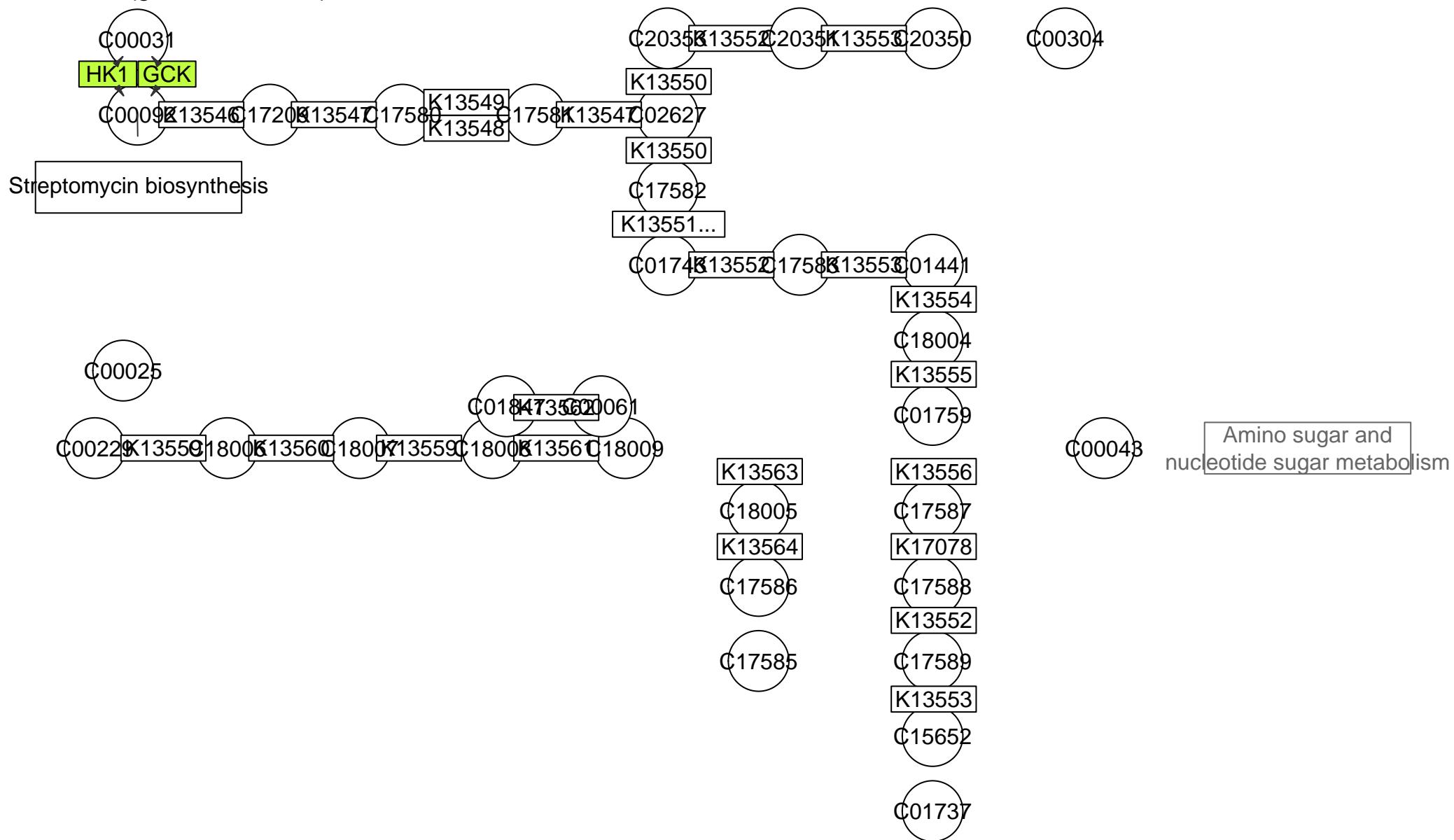


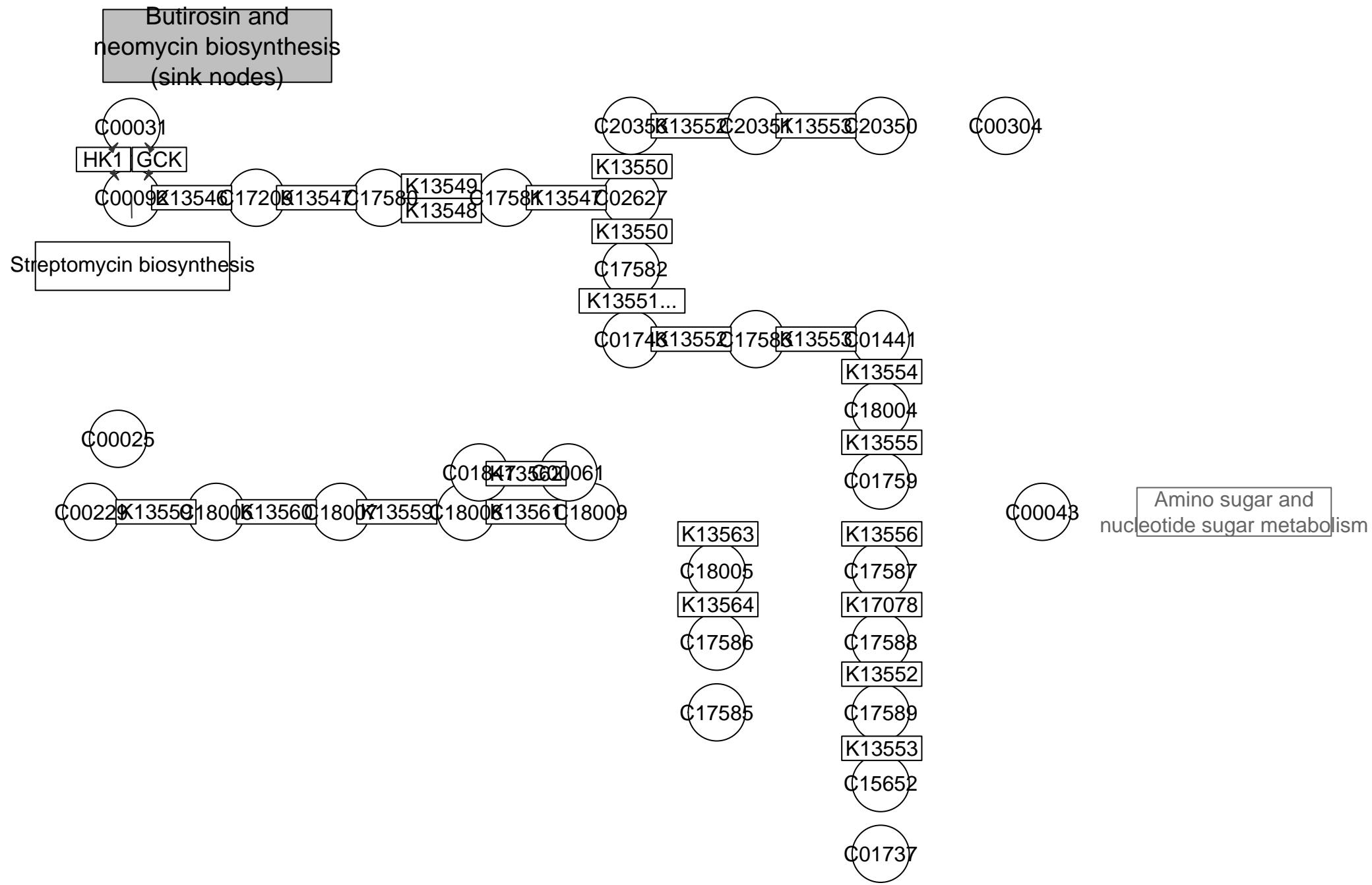
Butirosin and neomycin biosynthesis

all genes

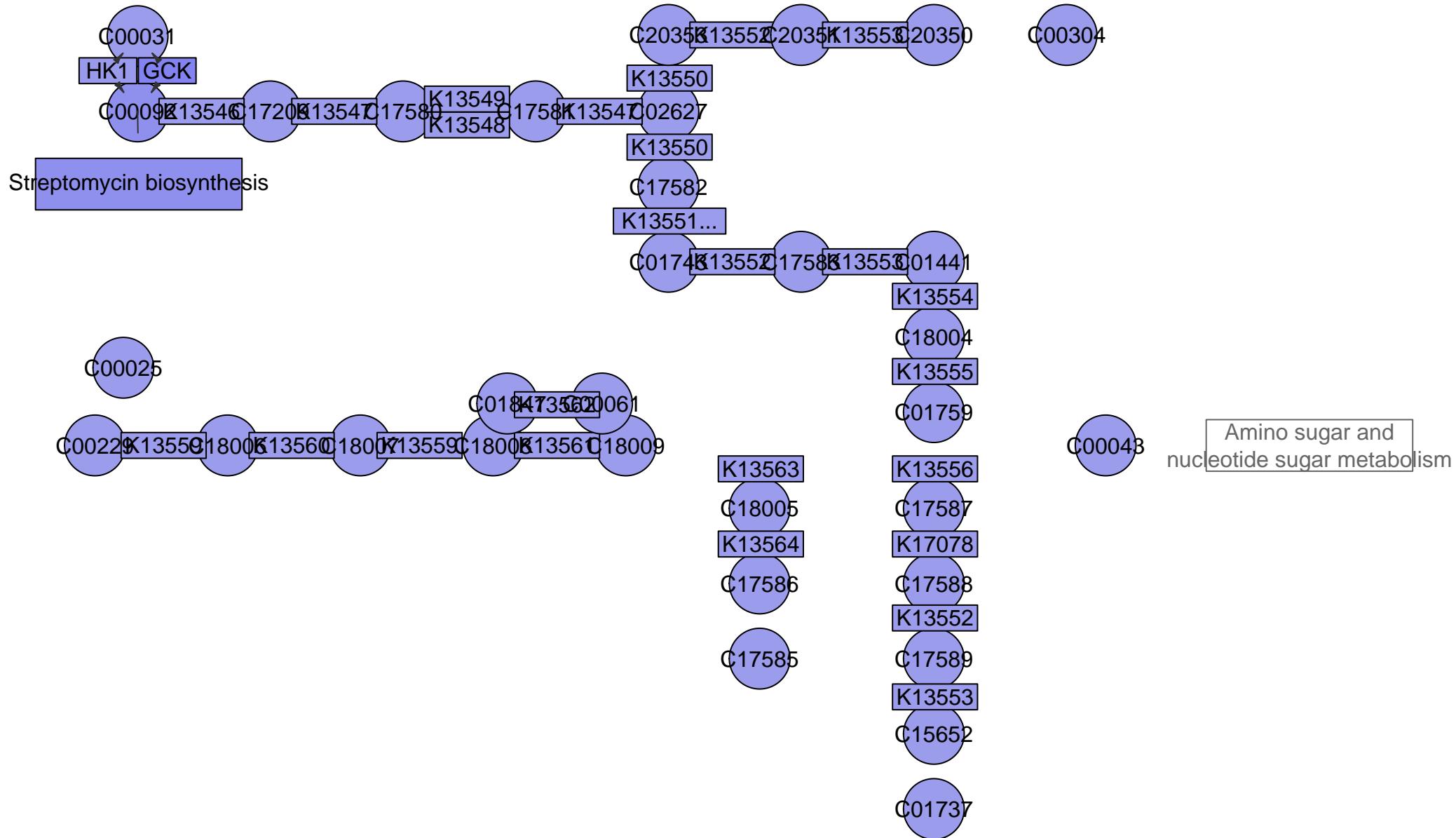


Butirosin and
neomycin biosynthesis
(genes with data)

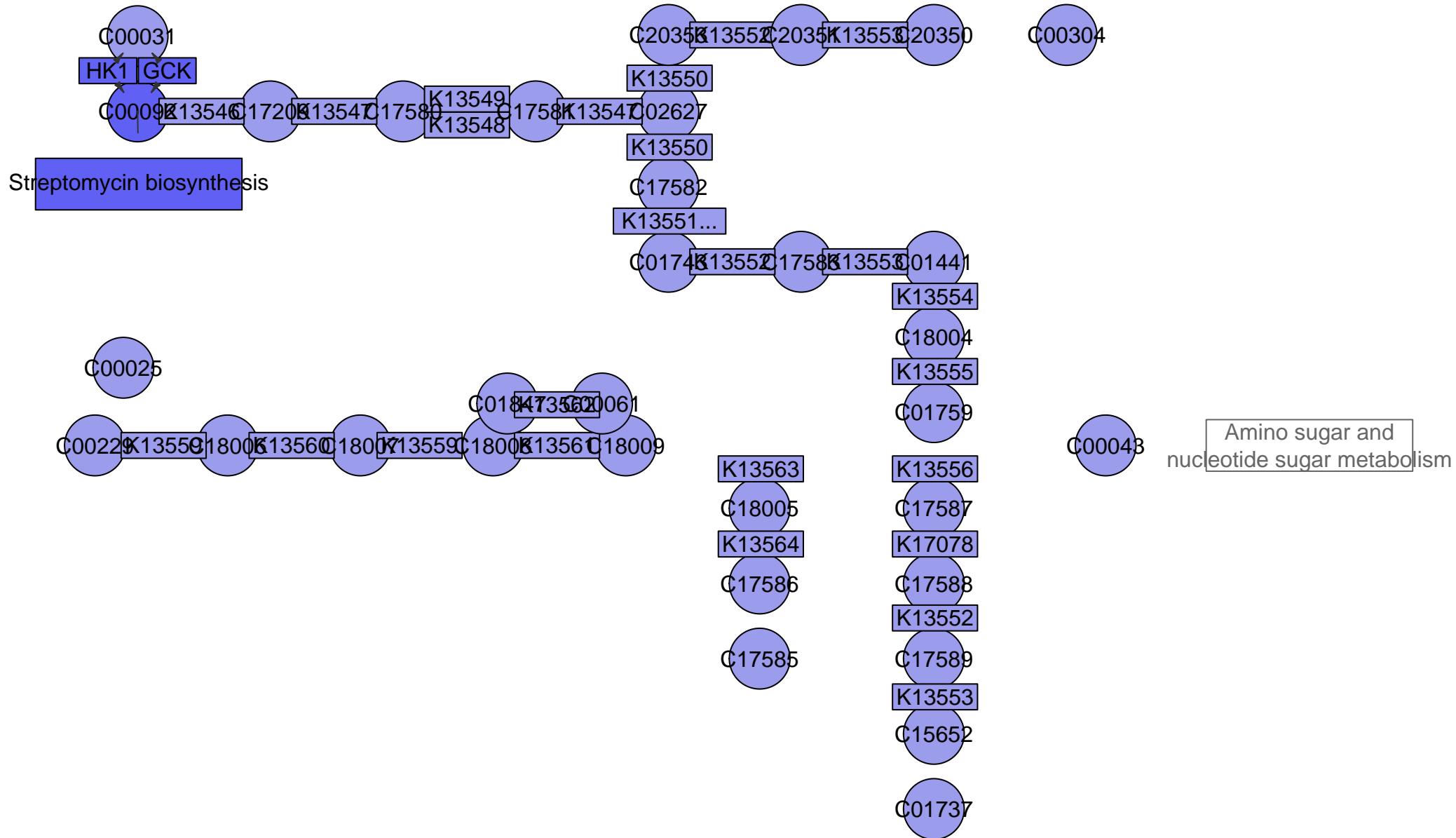




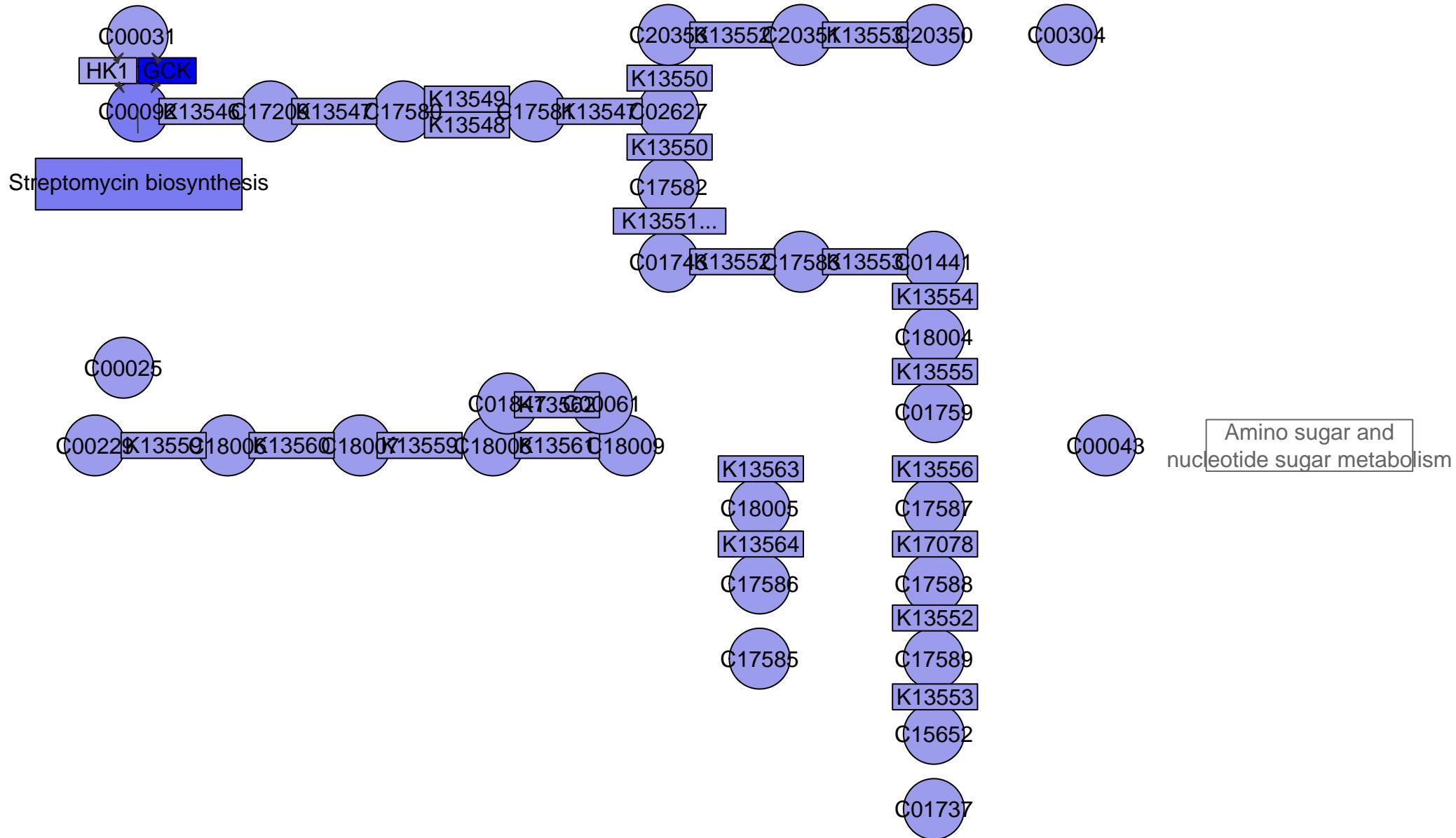
Butirosin and
neomycin biosynthesis
MPI-001



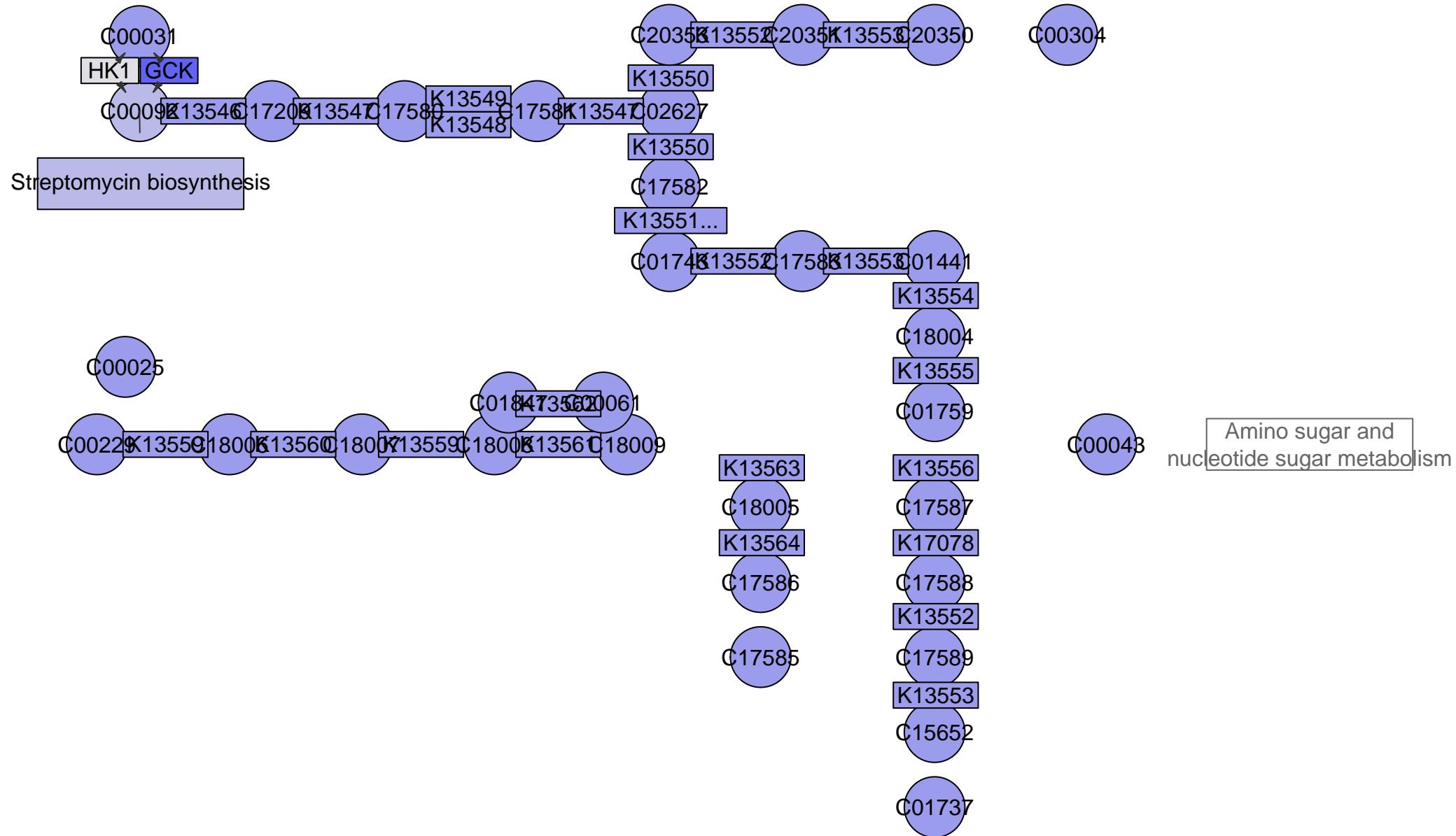
Butirosin and
neomycin biosynthesis
MPI-002



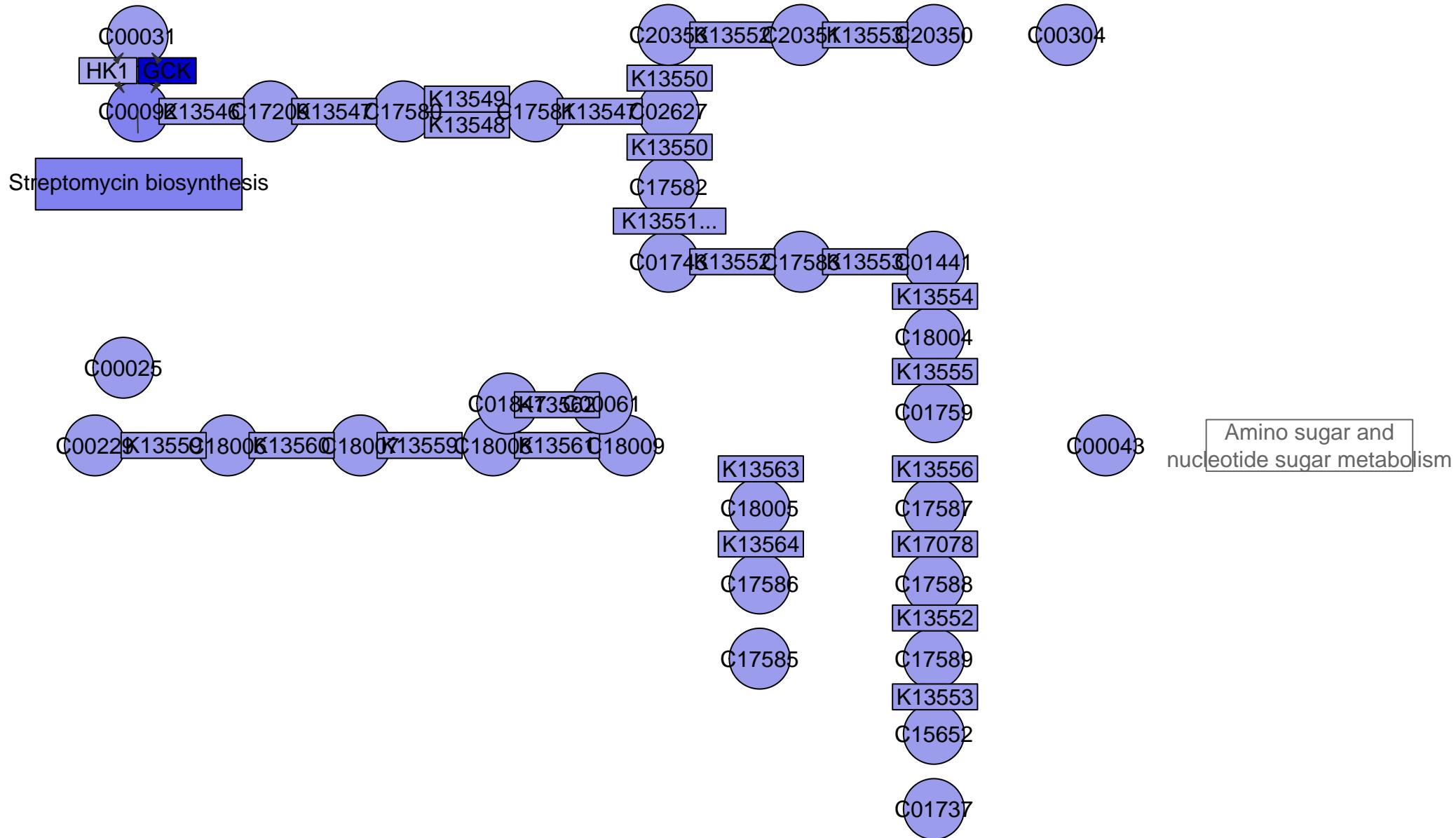
Butirosin and
neomycin biosynthesis
MPI-003



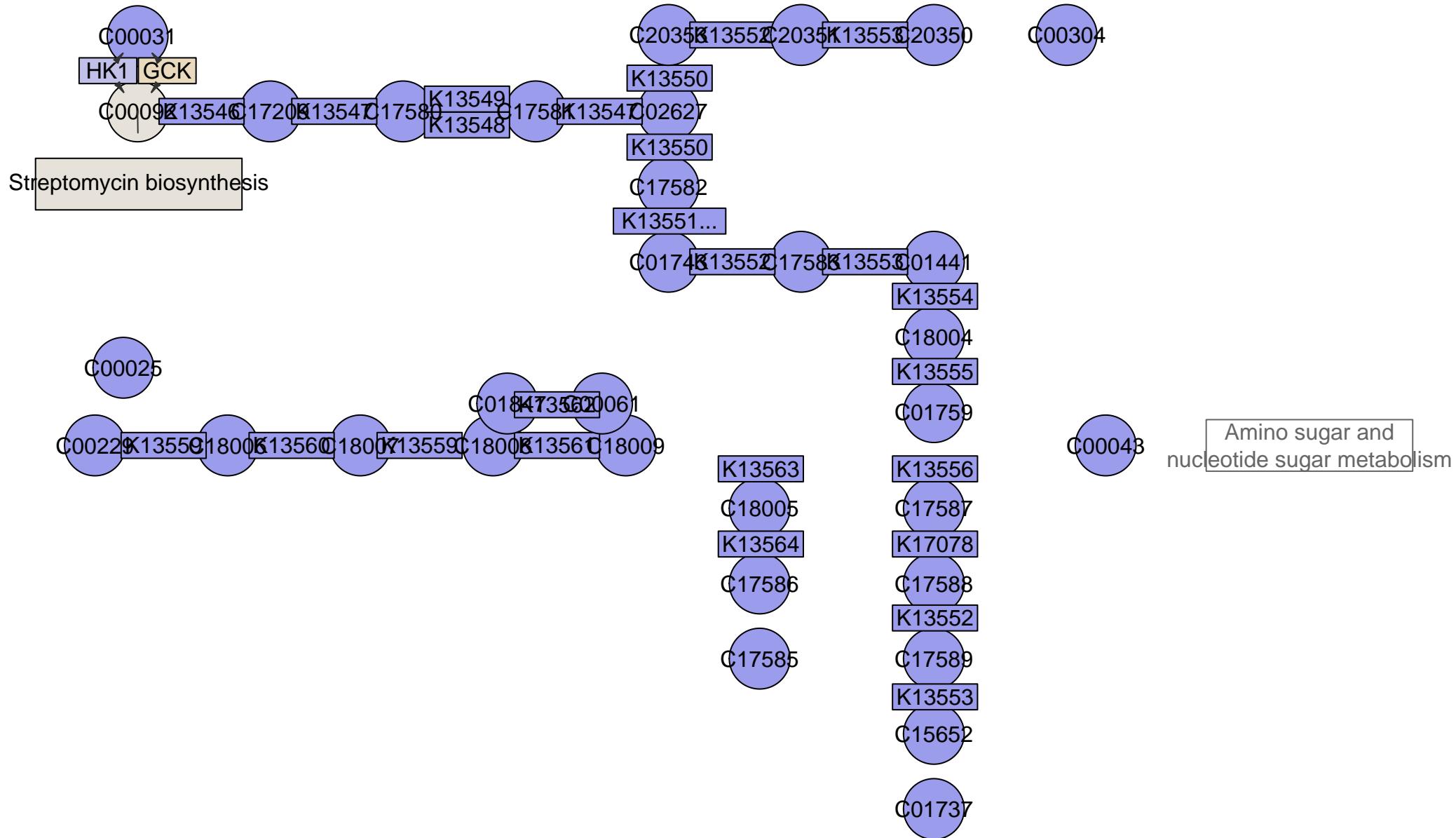
Butirosin and
neomycin biosynthesis
MPI-005



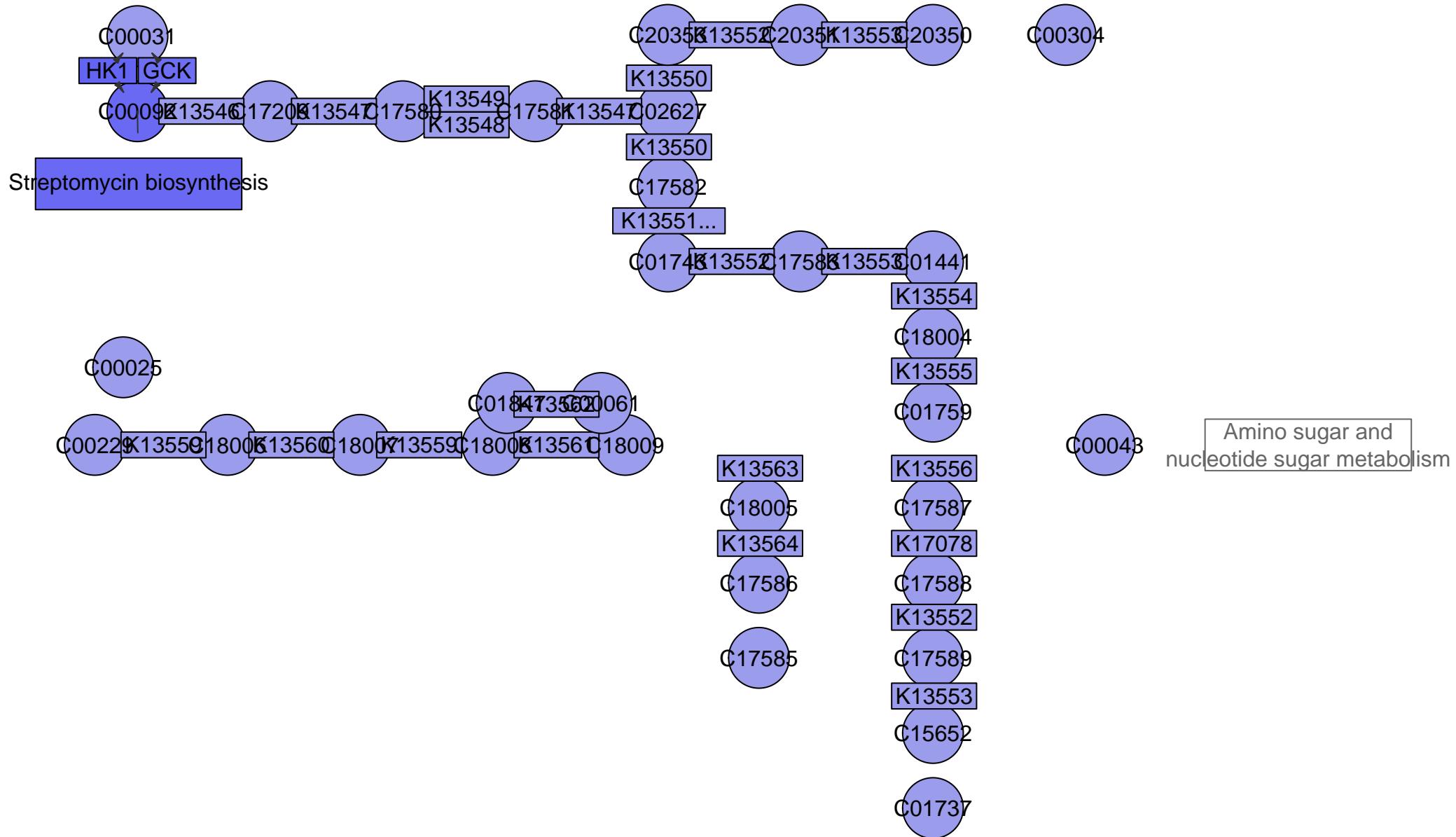
Butirosin and
neomycin biosynthesis
MPI-006



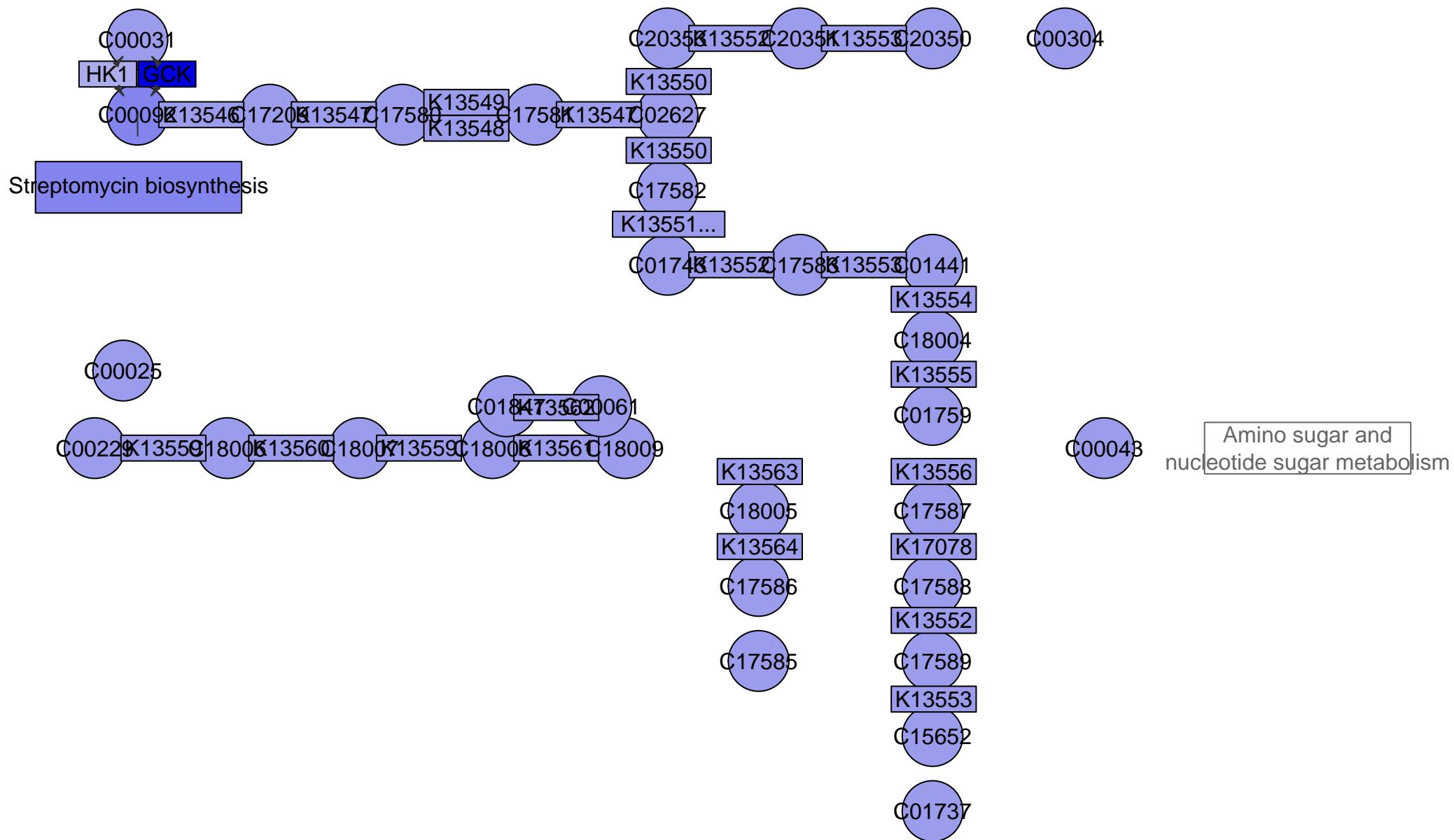
Butirosin and
neomycin biosynthesis
MPI-016



Butirosin and
neomycin biosynthesis
MPI-017

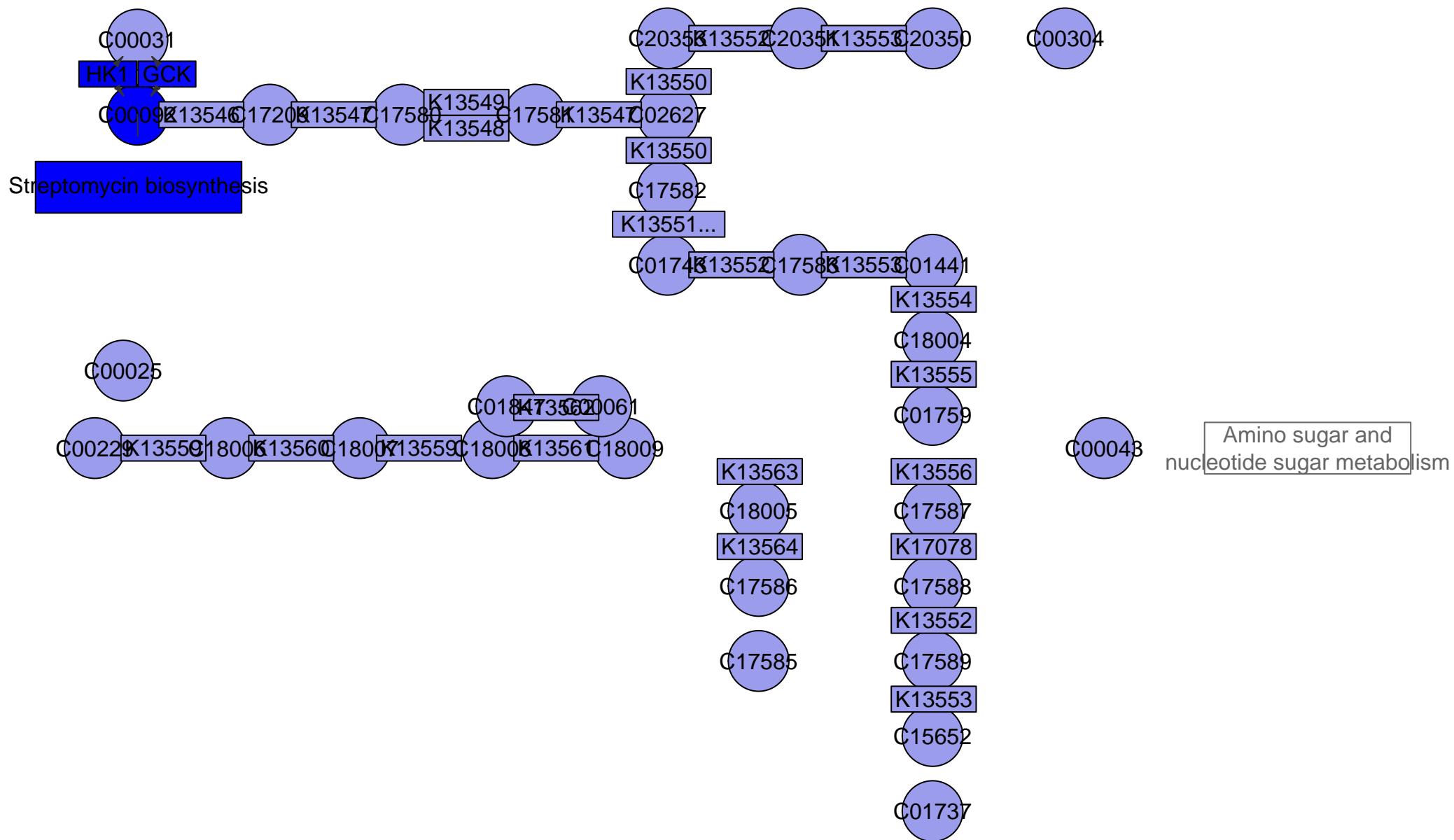


Butirosin and
neomycin biosynthesis
MPI-018

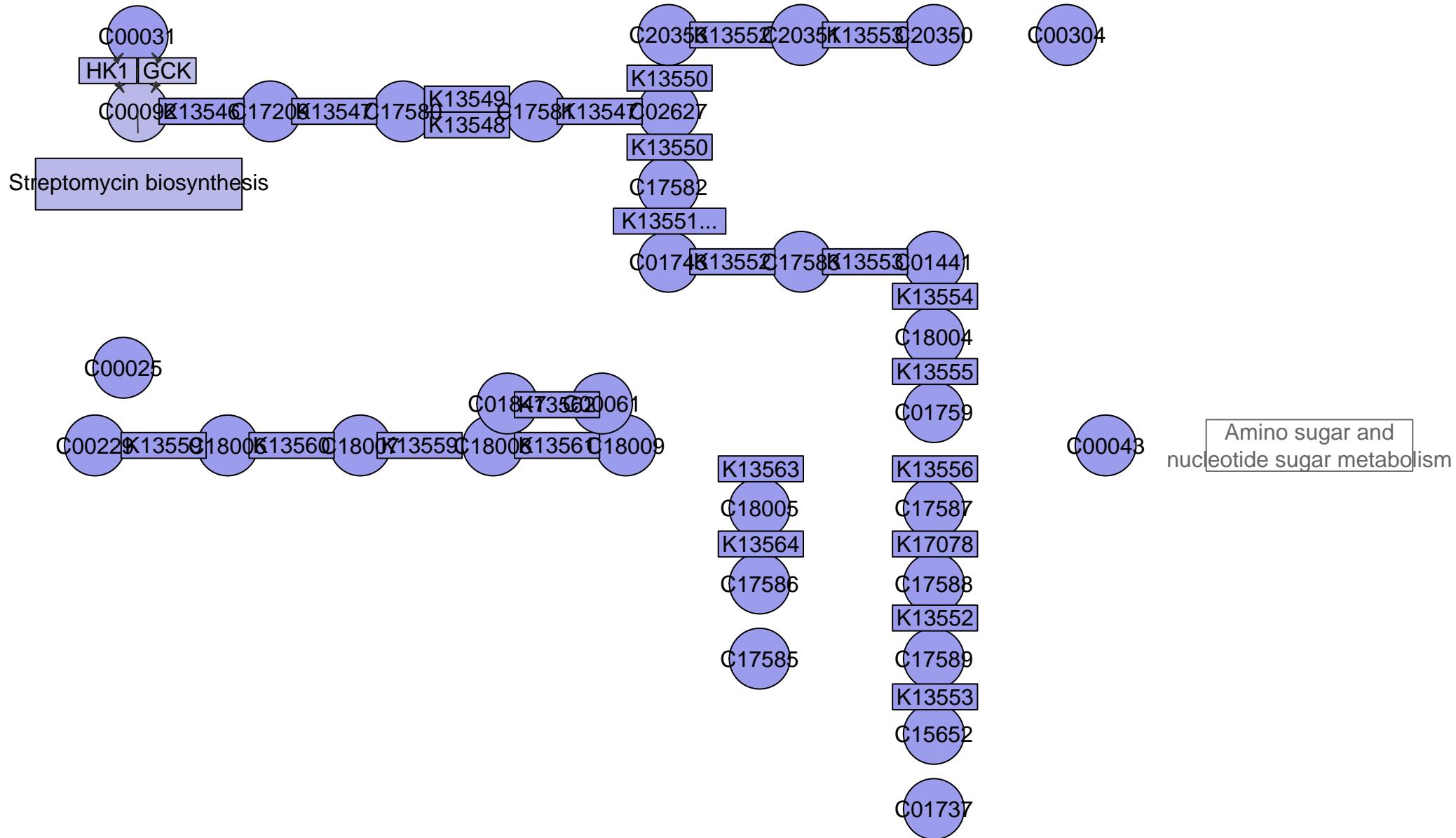


Amino sugar and
nucleotide sugar metabolism

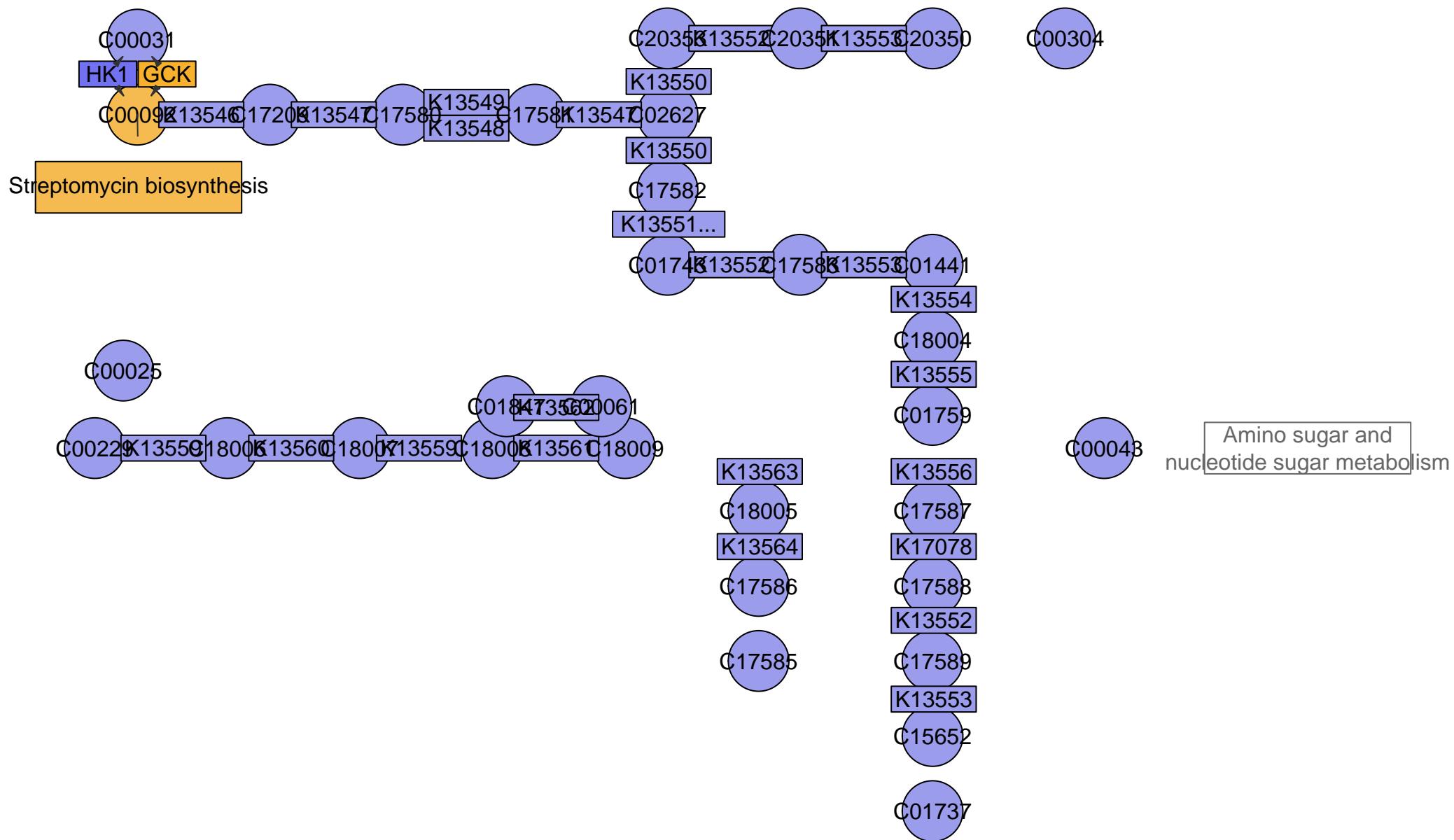
Butirosin and
neomycin biosynthesis
MPI-027



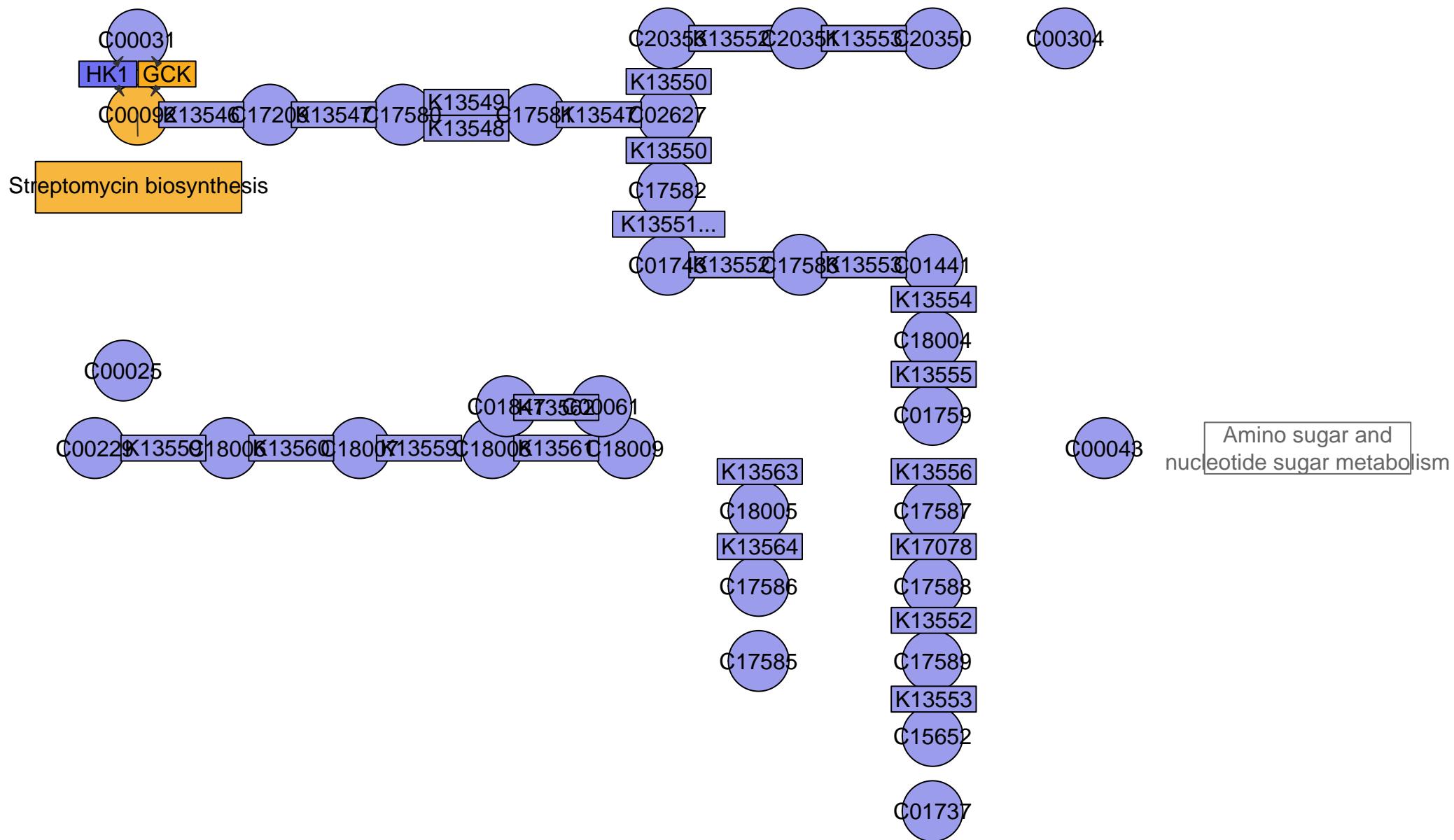
Butirosin and
neomycin biosynthesis
MPI-028



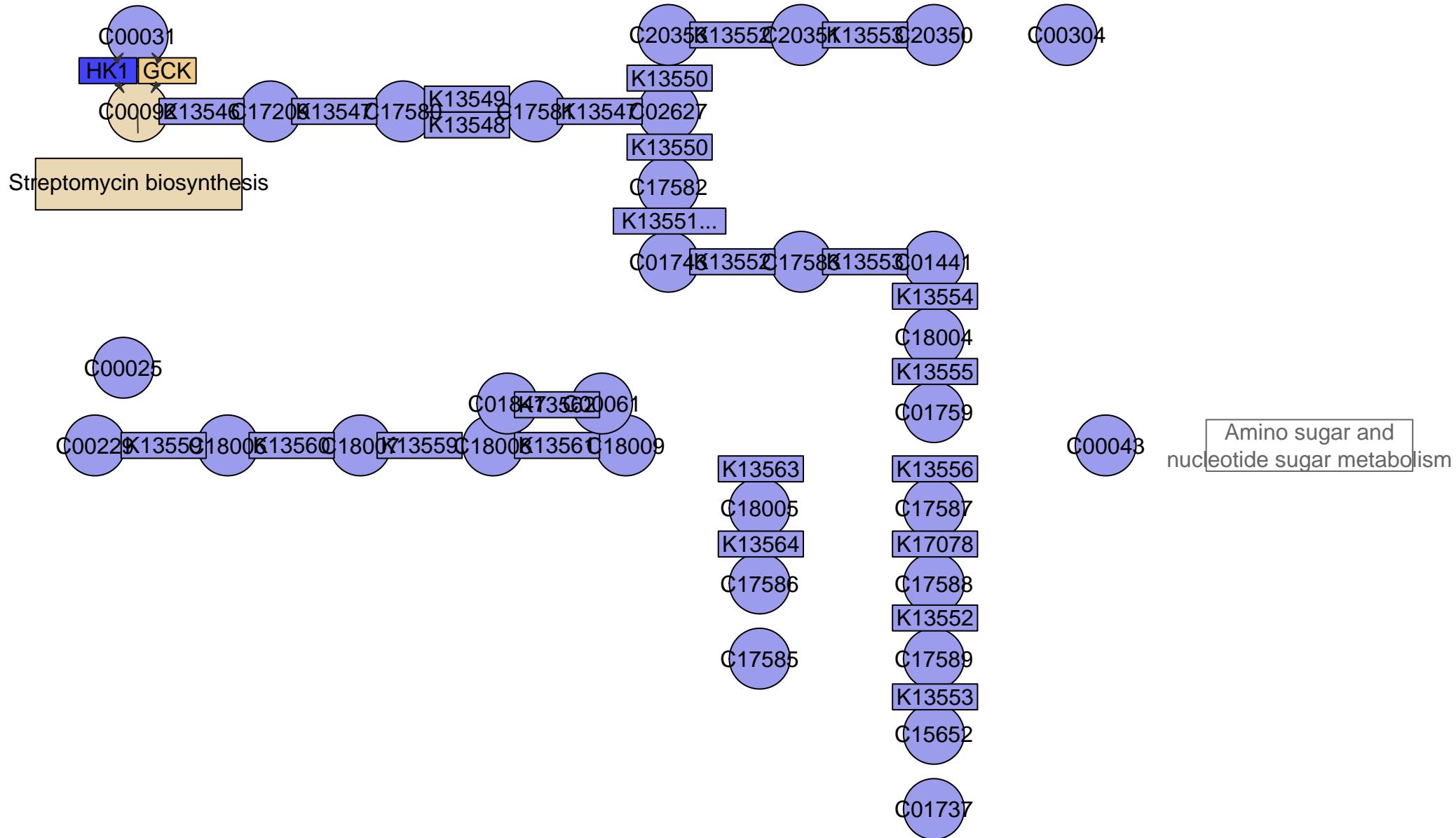
Butirosin and
neomycin biosynthesis
MPI-032



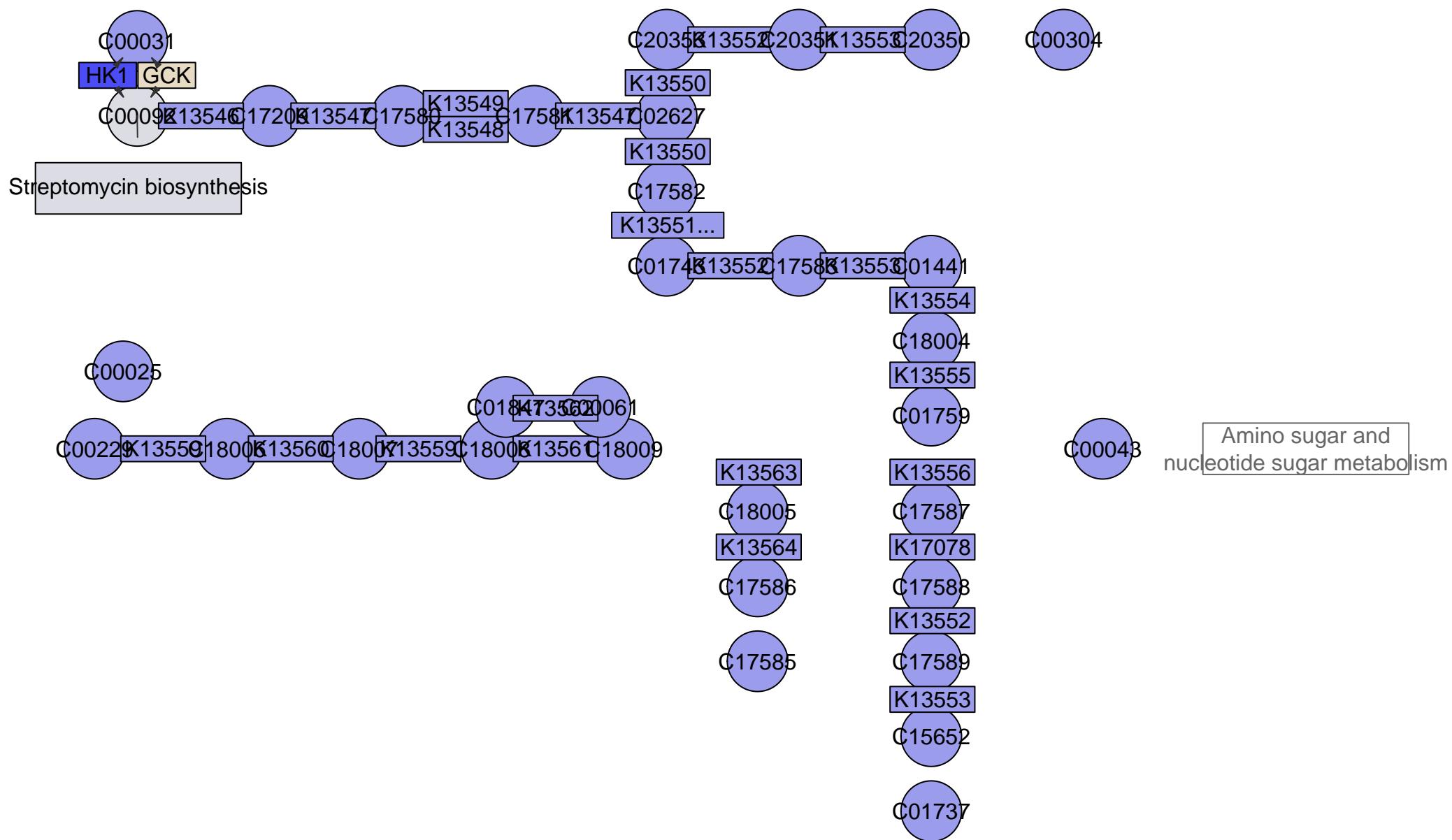
Butirosin and
neomycin biosynthesis
MPI-033



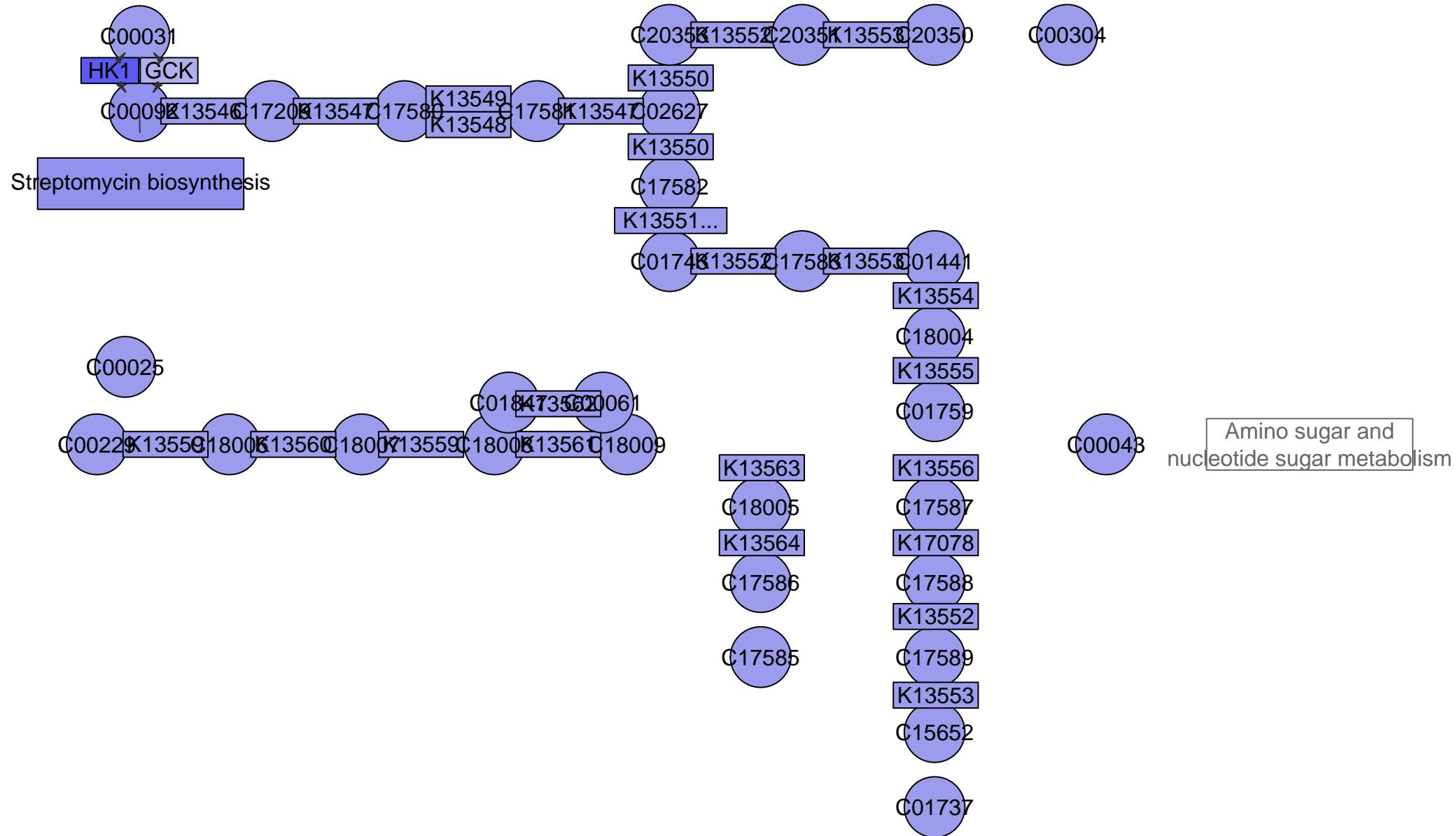
Butirosin and
neomycin biosynthesis
MPI-034



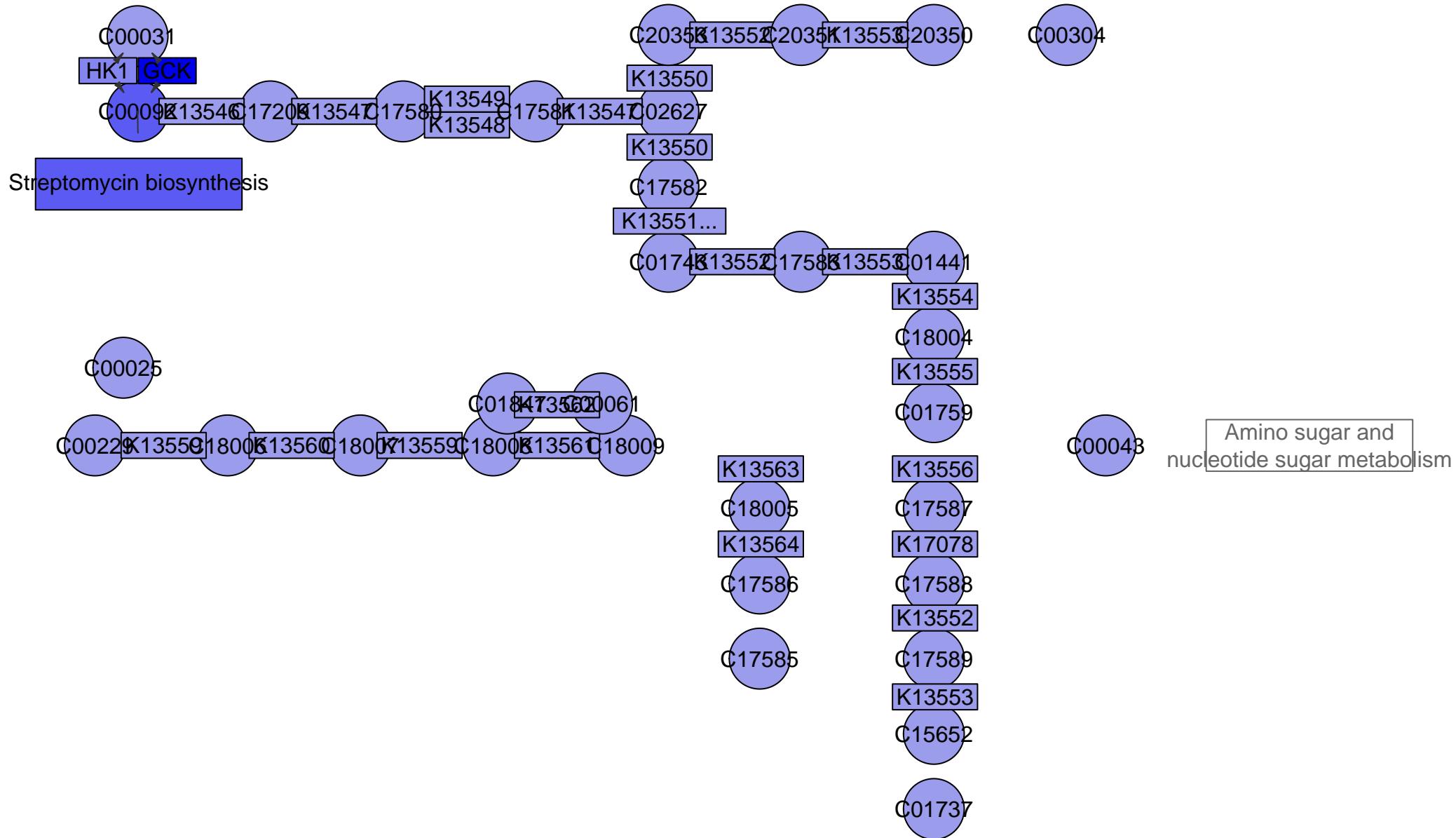
Butirosin and
neomycin biosynthesis
MPI-043



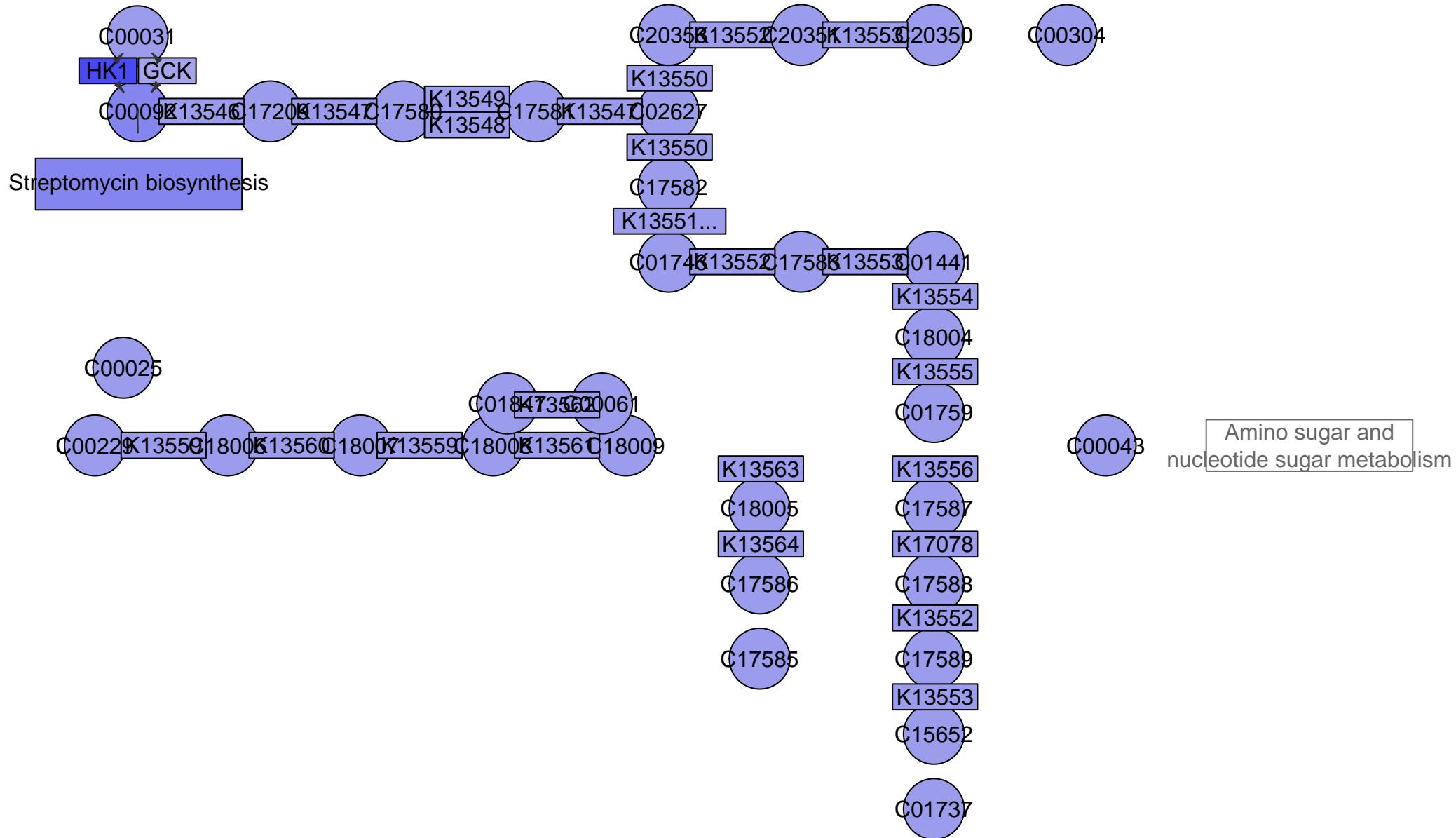
Butirosin and
neomycin biosynthesis
MPI-044



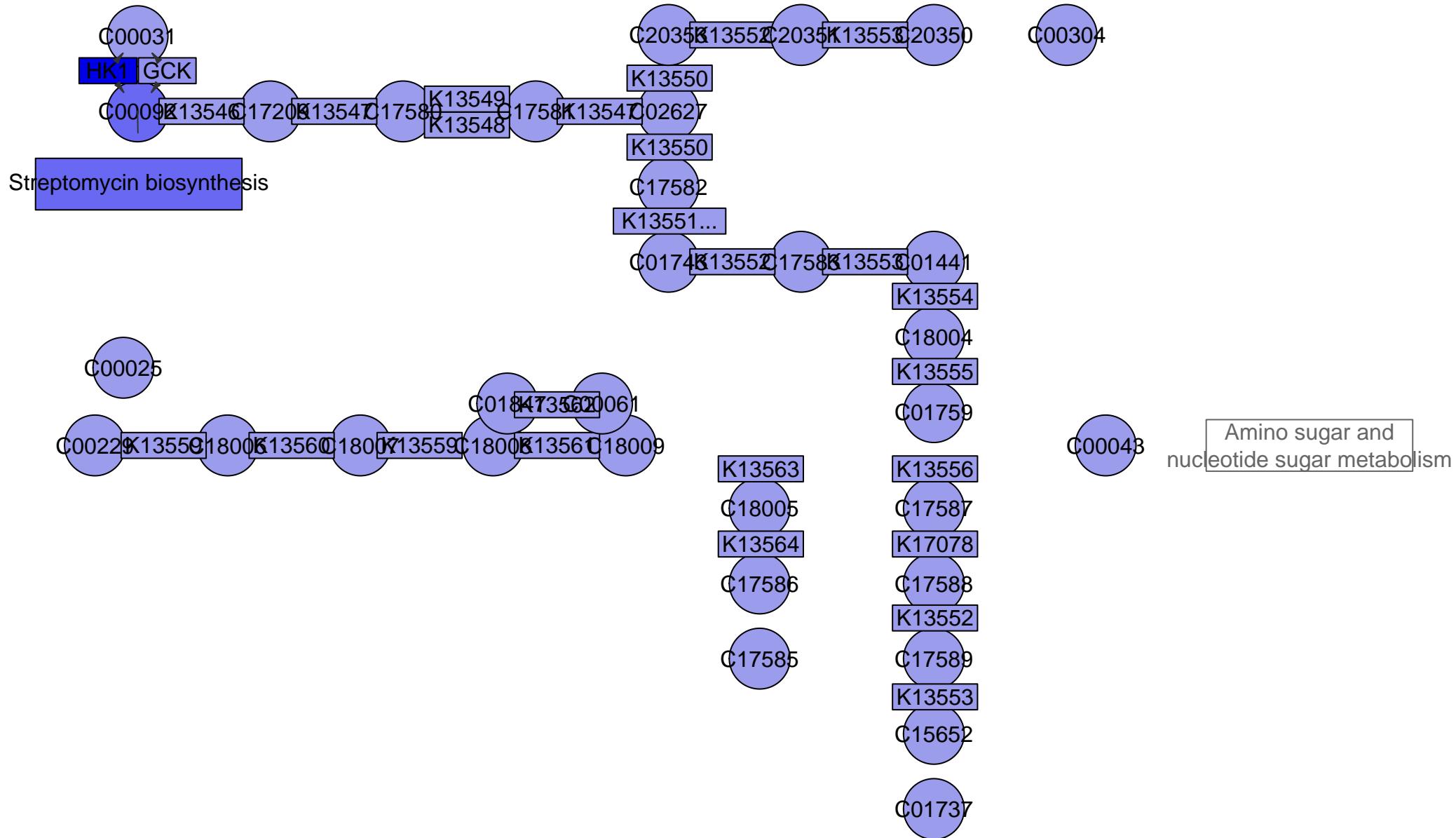
Butirosin and
neomycin biosynthesis
MPI-048



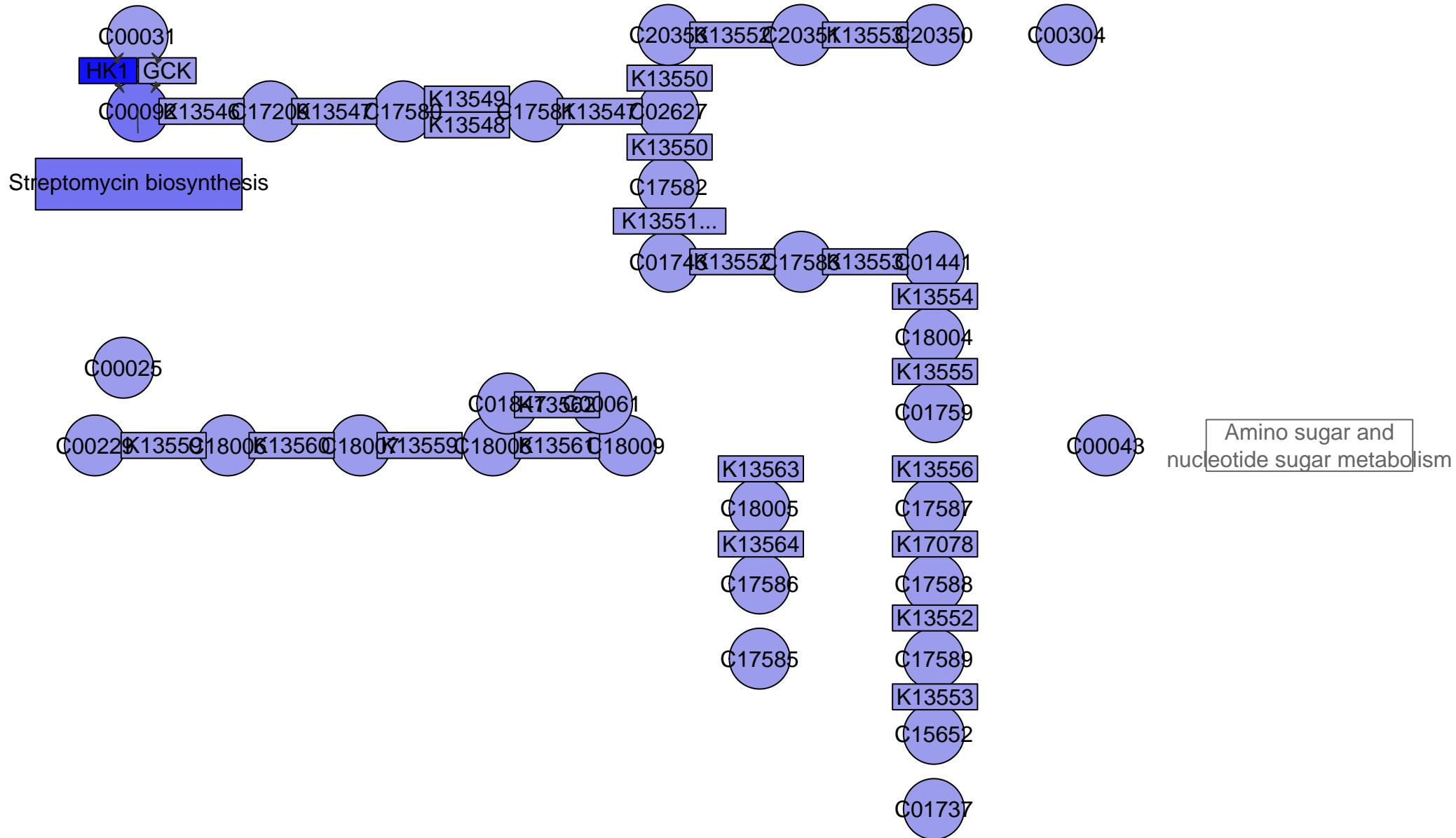
Butirosin and
neomycin biosynthesis
MPI-055



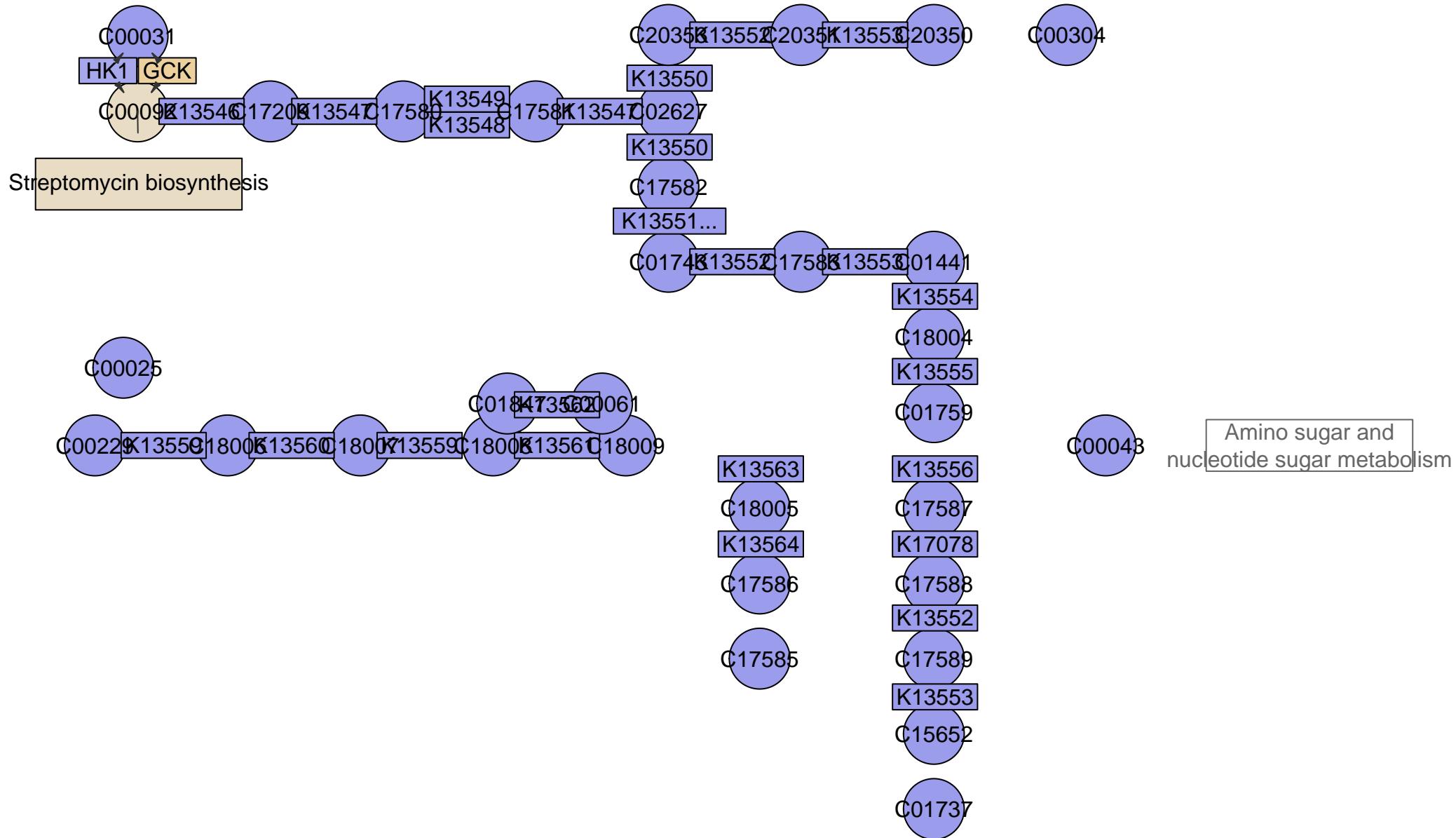
Butirosin and
neomycin biosynthesis
MPI-065



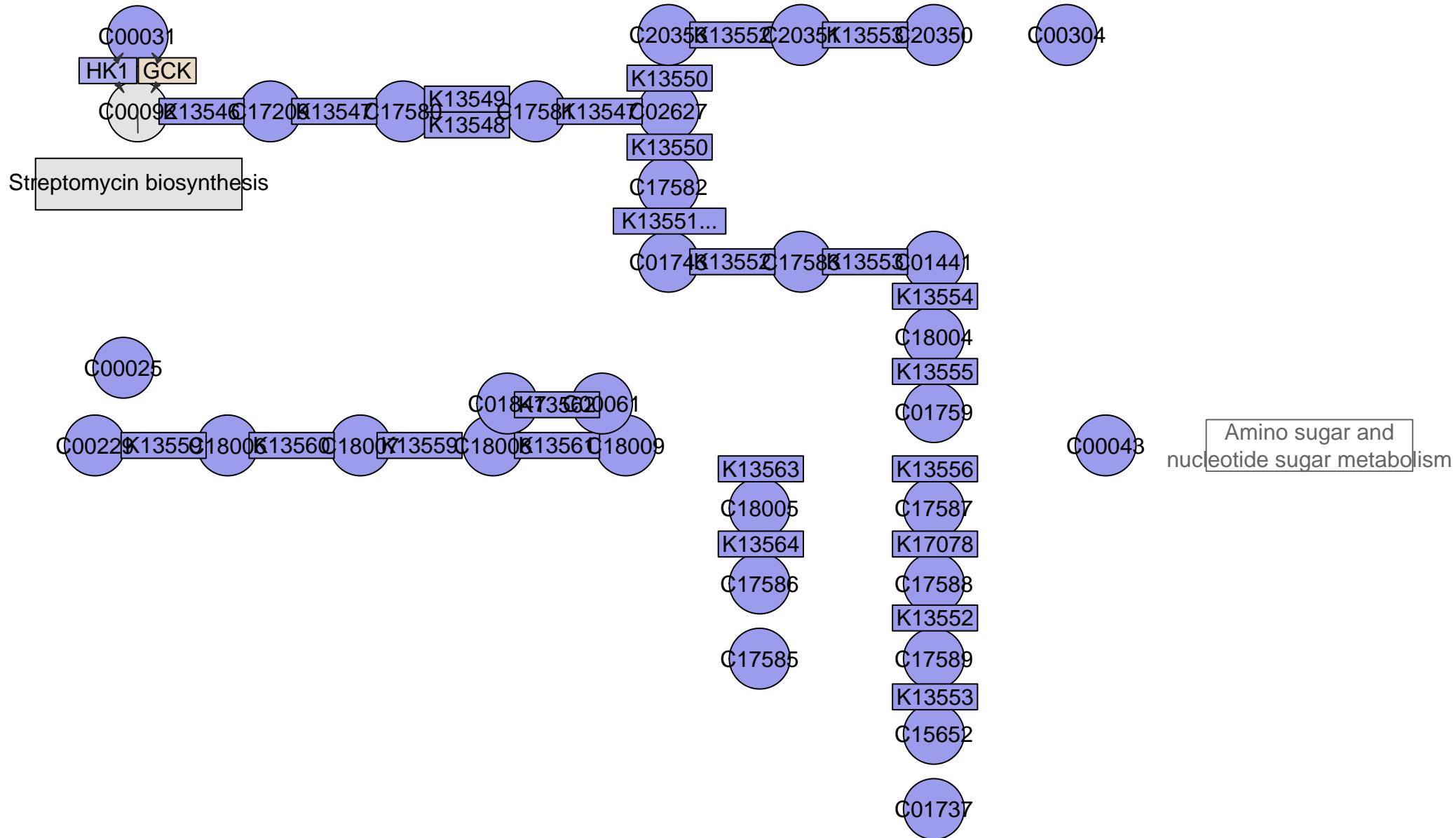
Butirosin and
neomycin biosynthesis
MPI-071



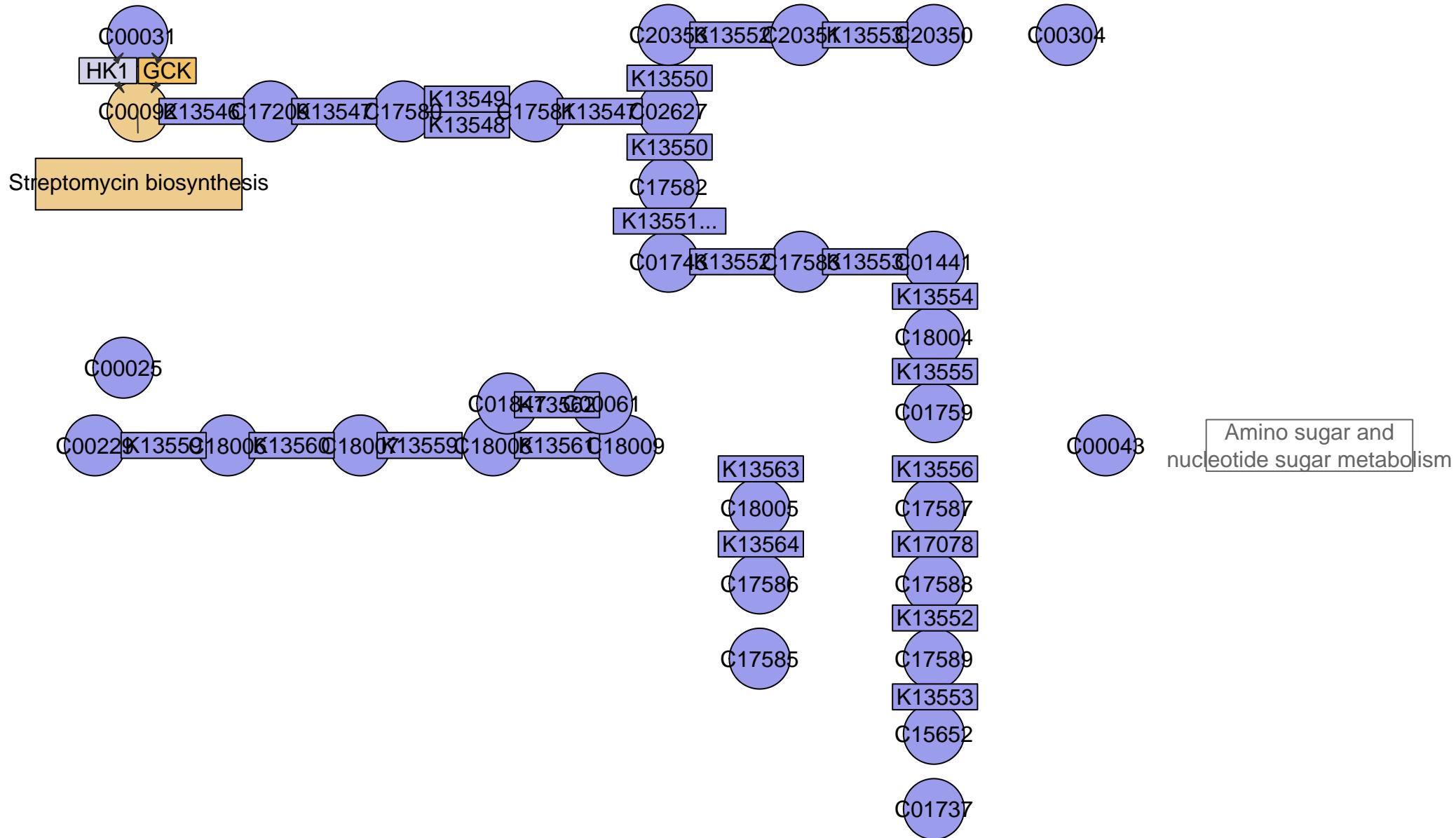
Butirosin and
neomycin biosynthesis
MPI-075



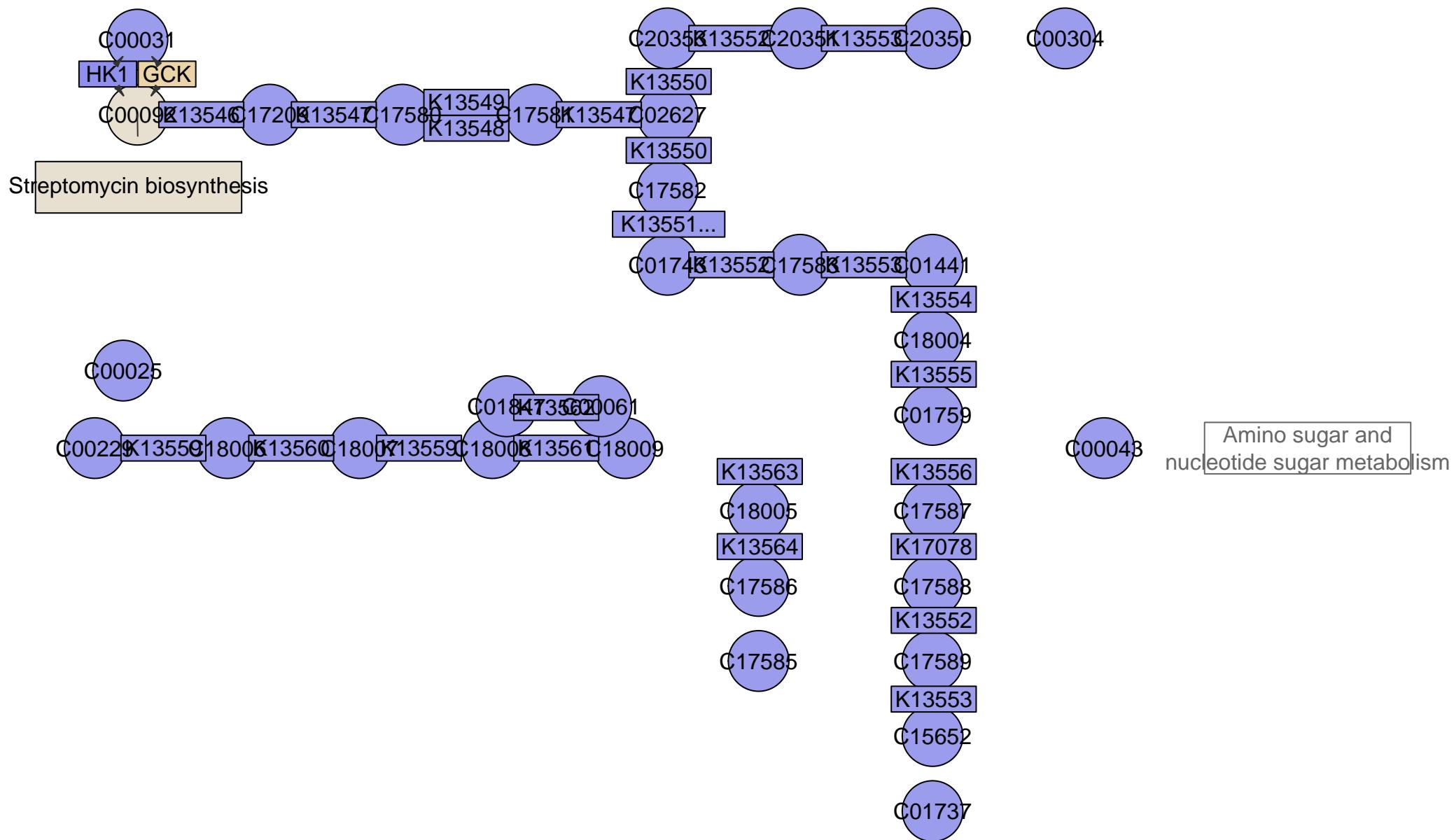
Butirosin and
neomycin biosynthesis
MPI-077



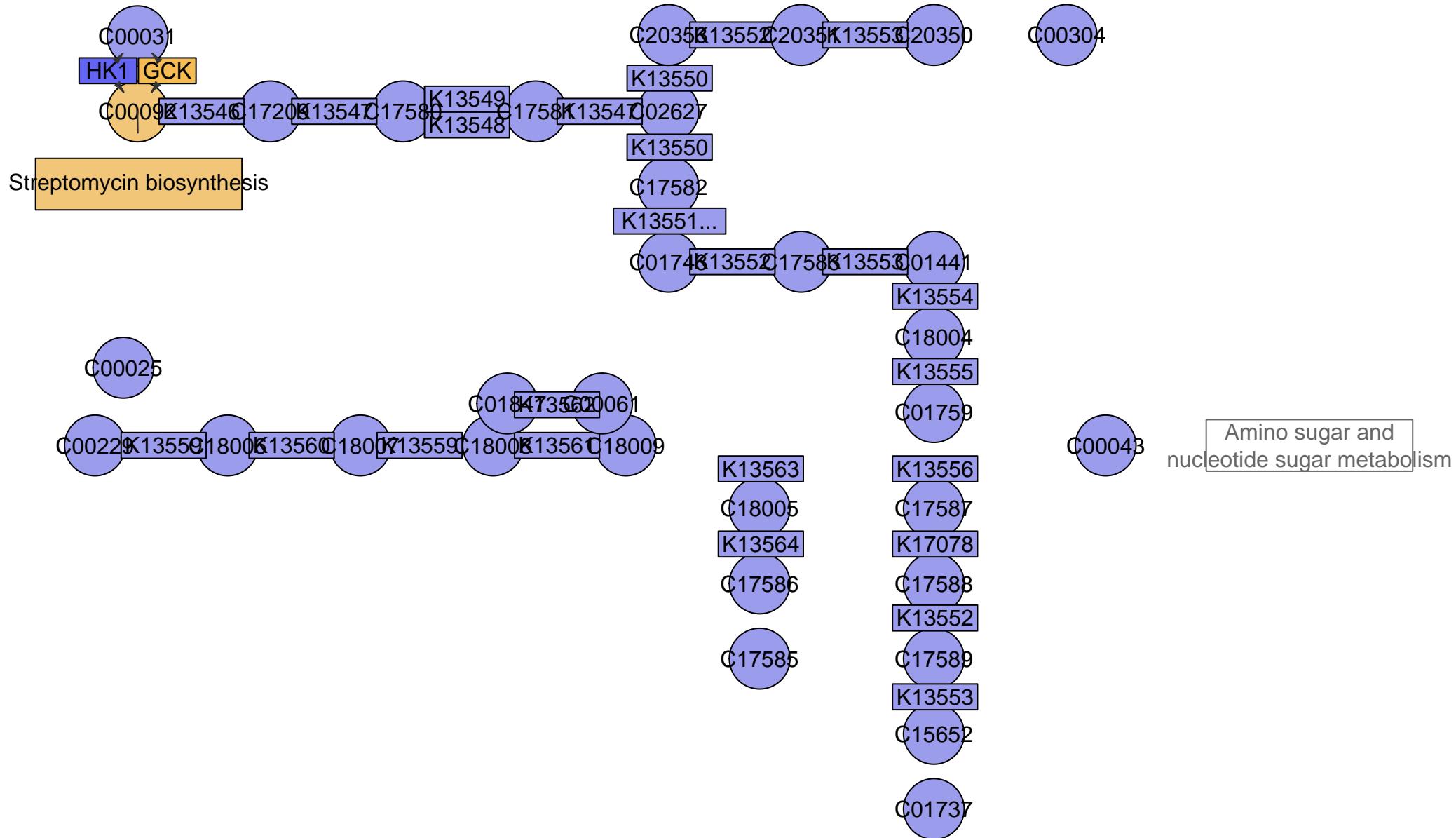
Butirosin and
neomycin biosynthesis
MPI-078



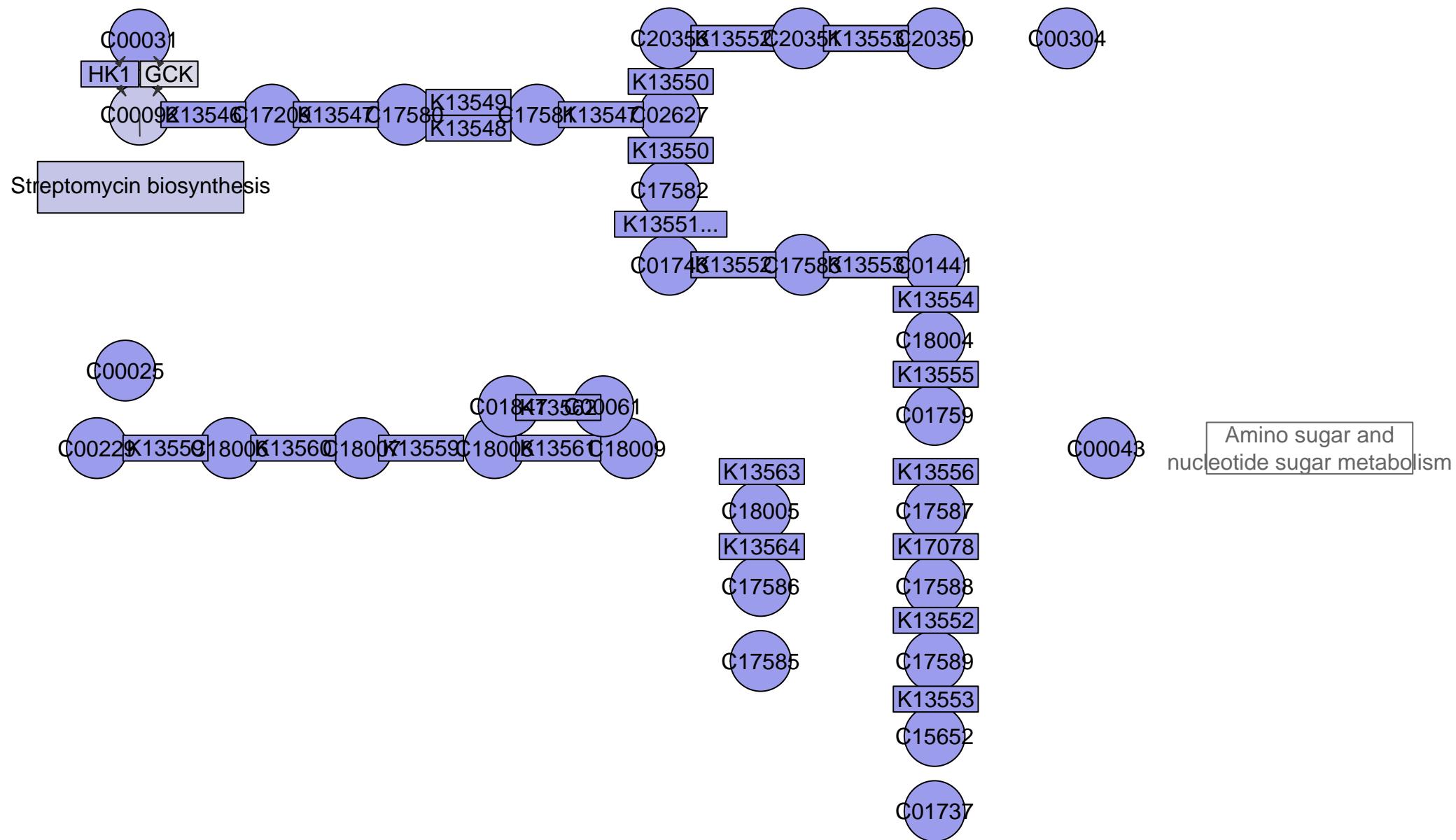
Butirosin and
neomycin biosynthesis
MPI-079

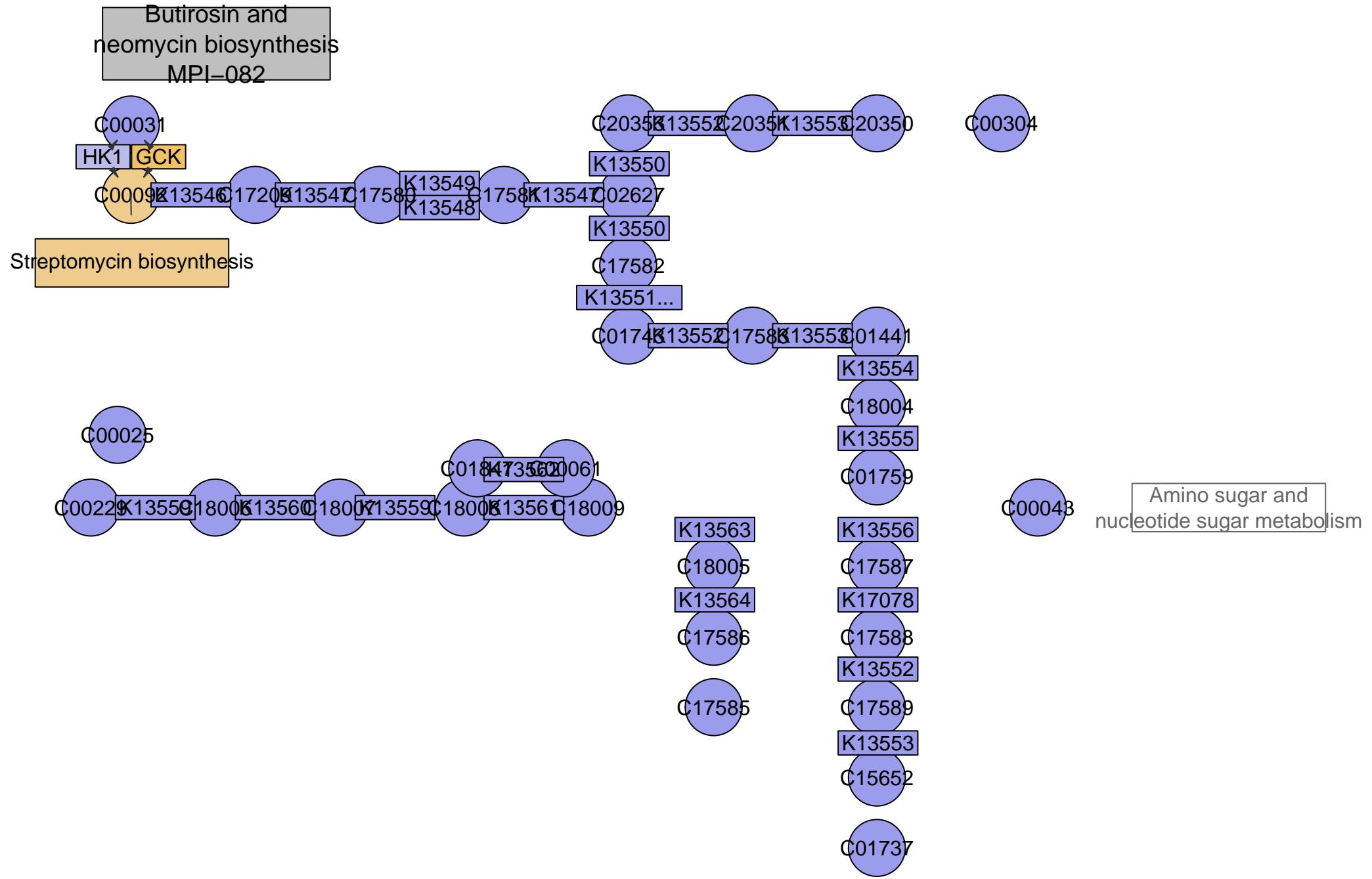


Butirosin and
neomycin biosynthesis
MPI-080

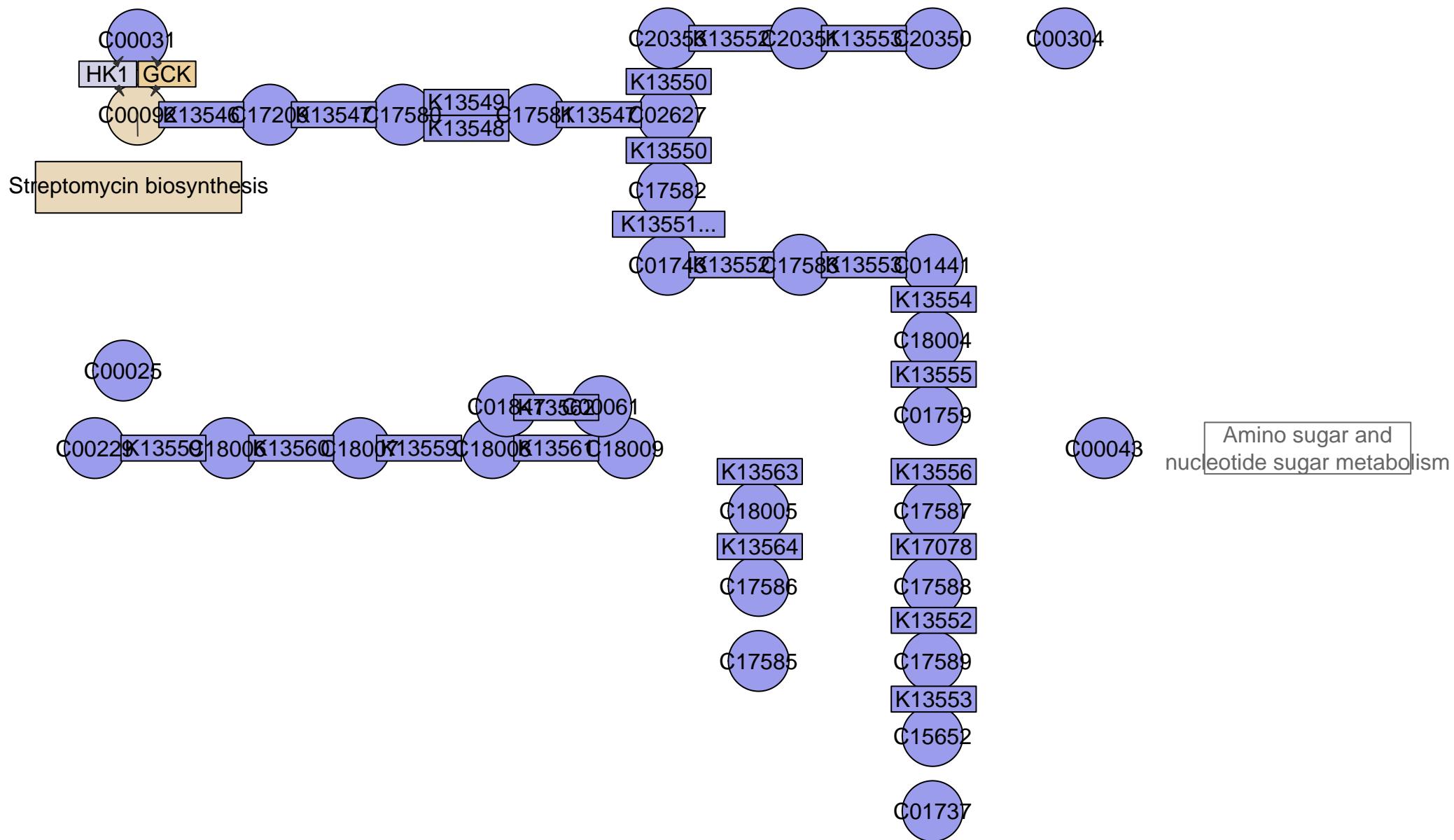


Butirosin and
neomycin biosynthesis
MPI-081

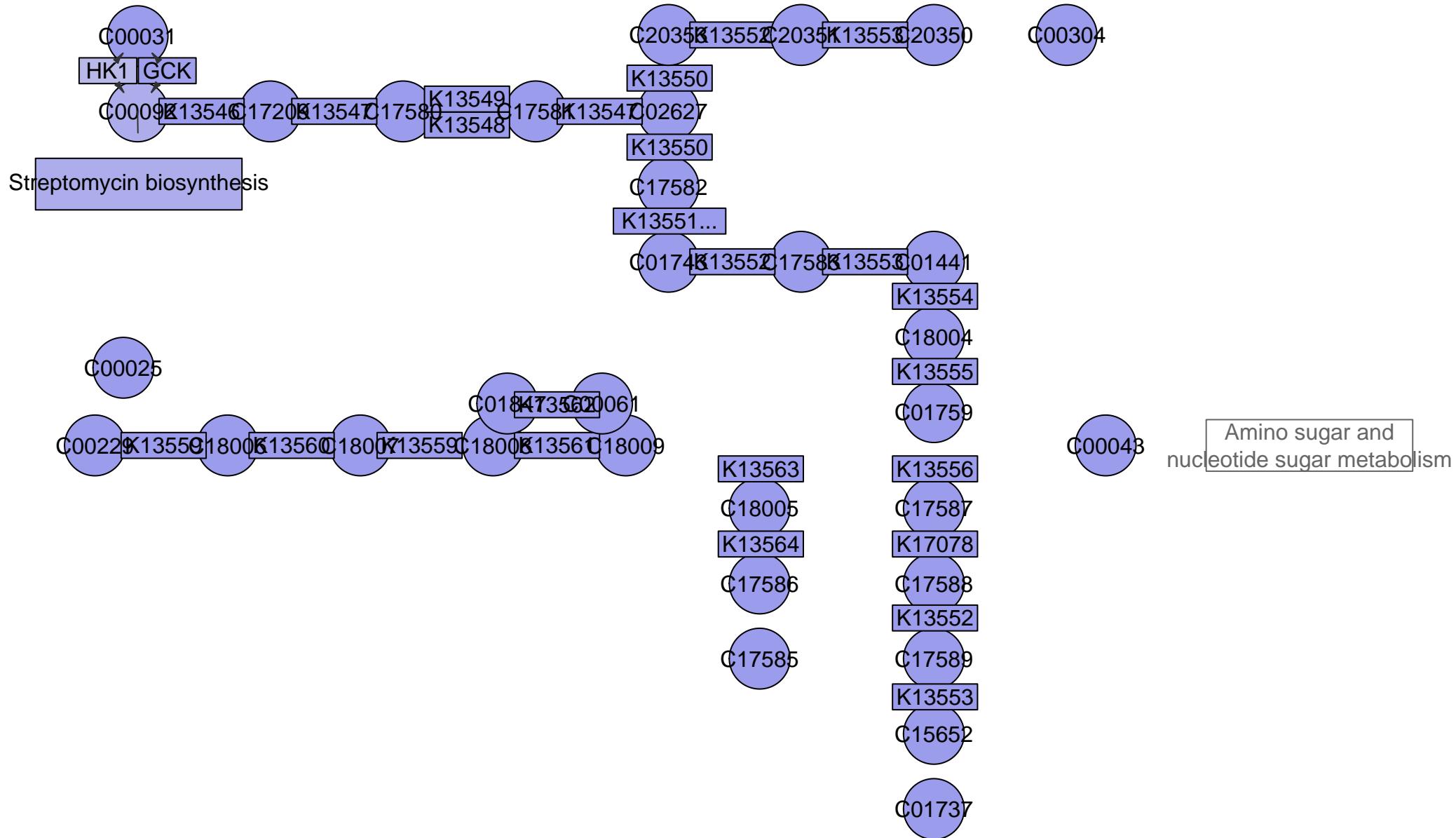




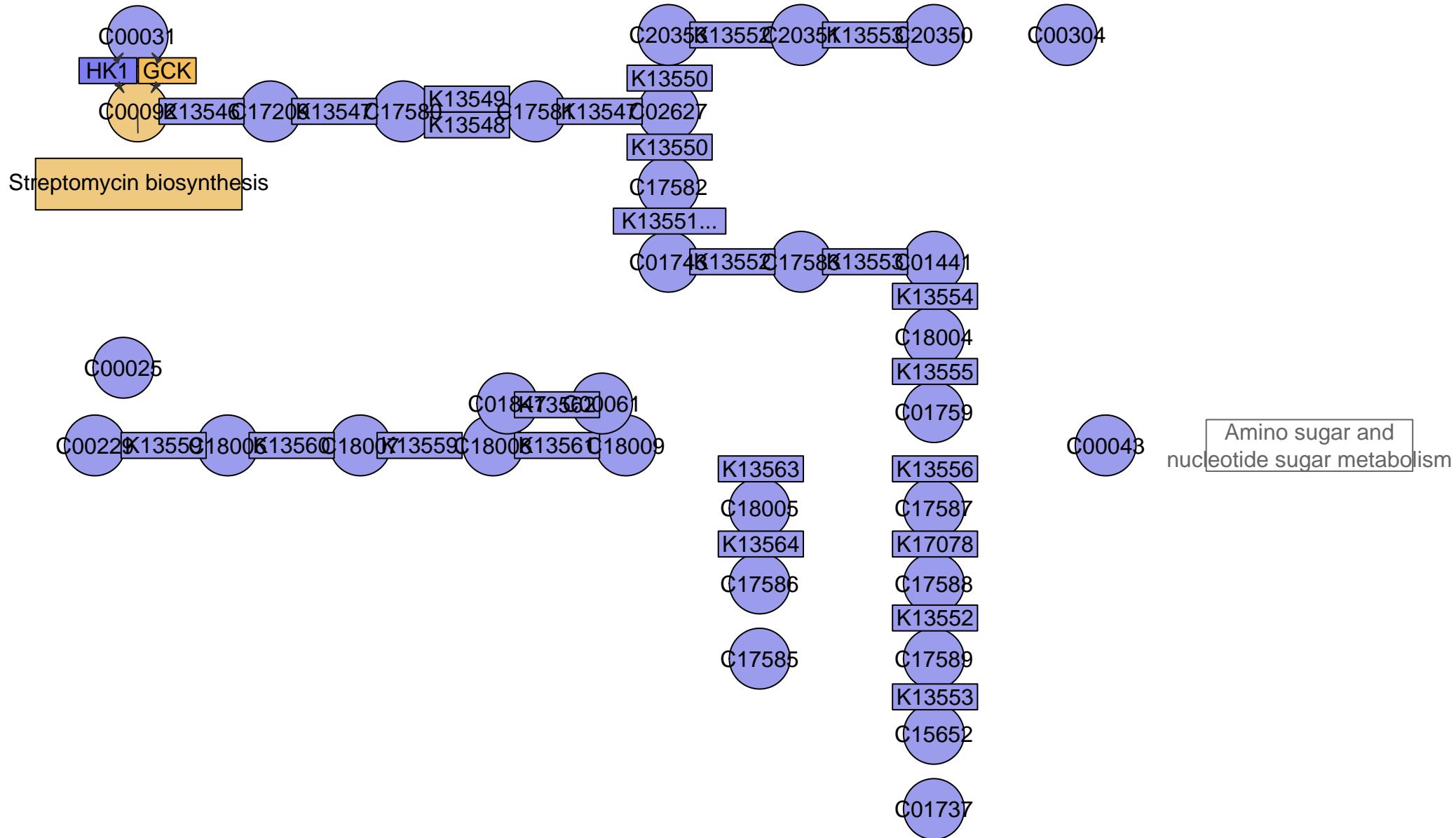
Butirosin and
neomycin biosynthesis
MPI-084



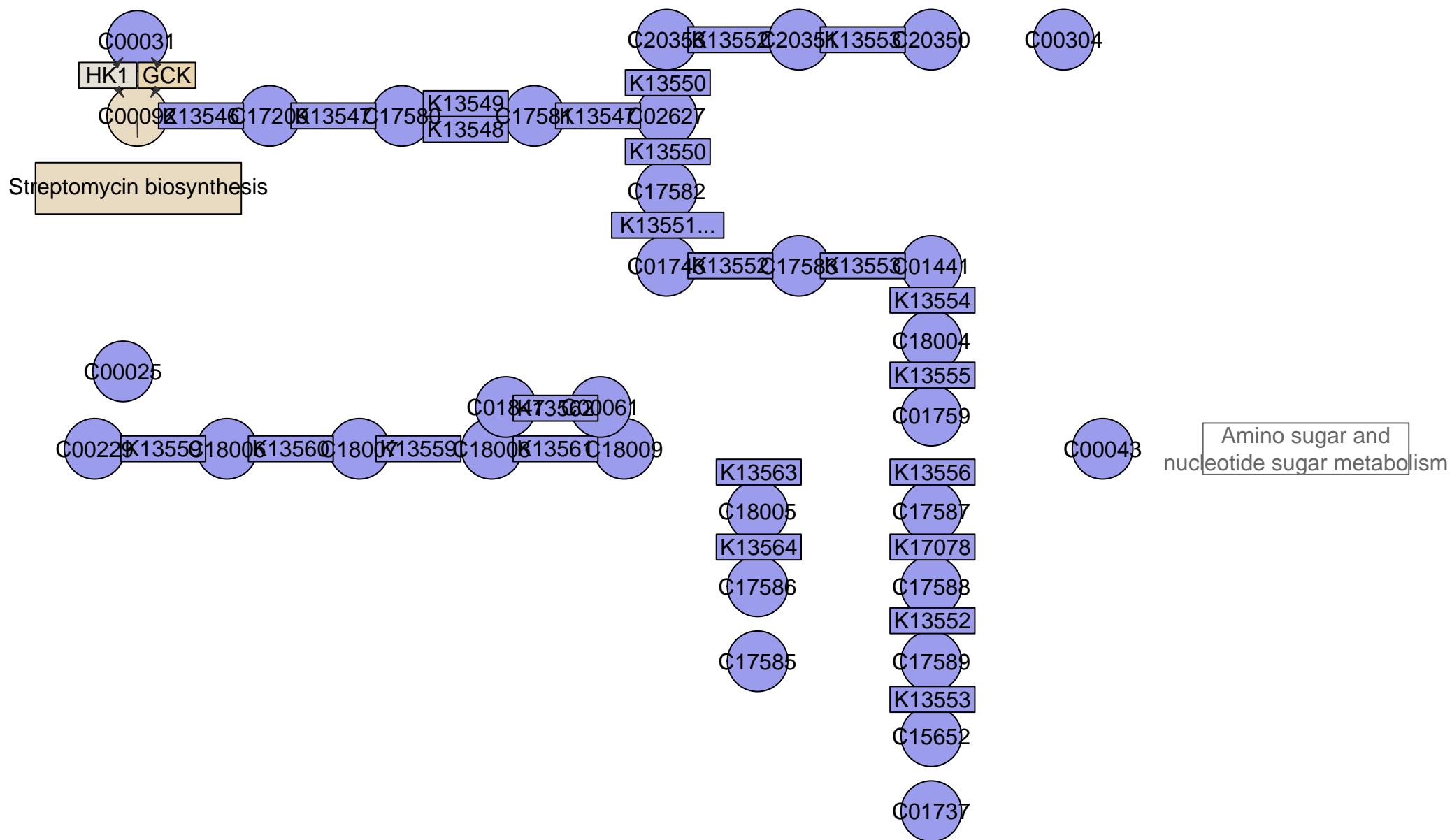
Butirosin and
neomycin biosynthesis
MPI-085



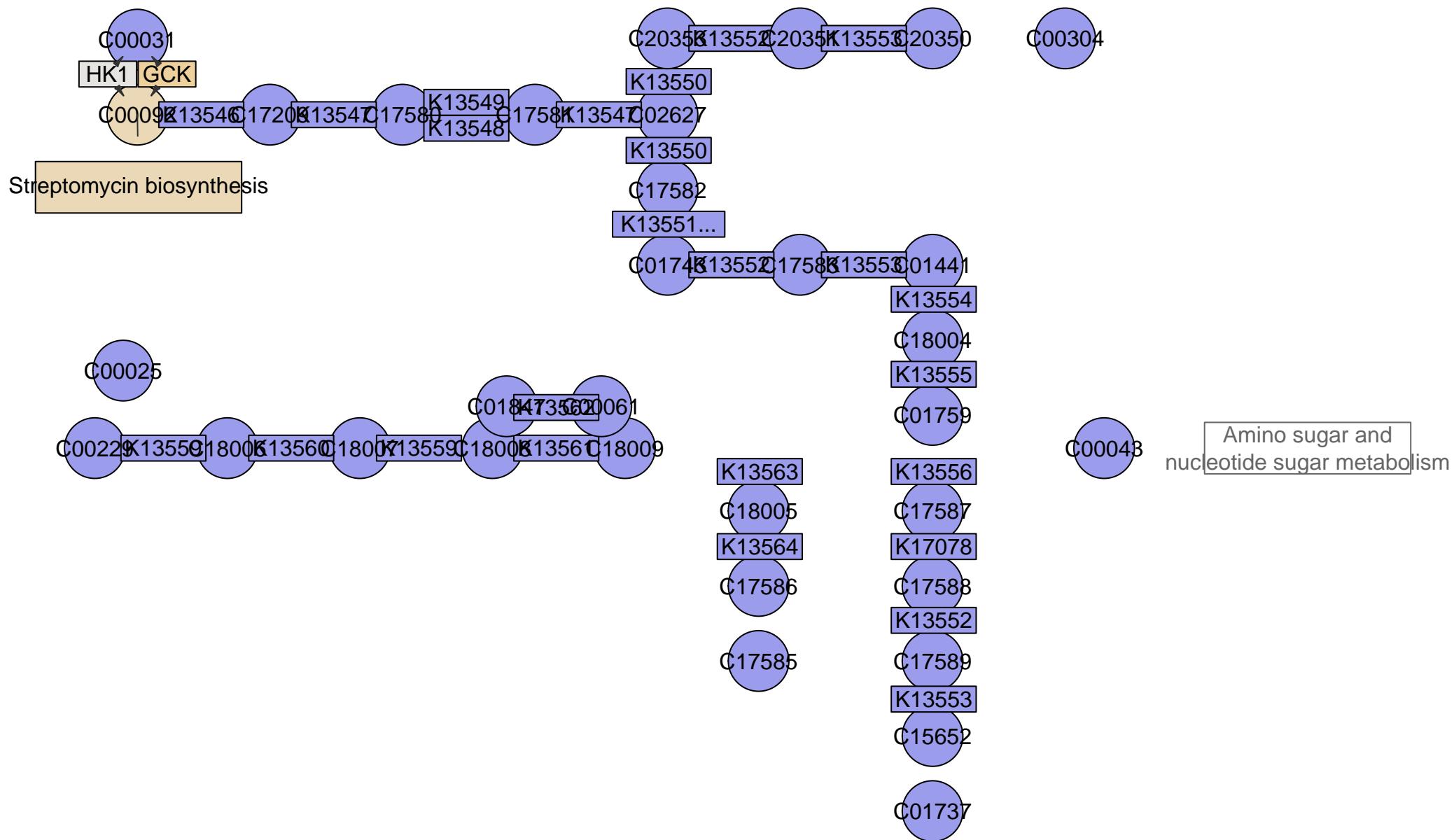
Butirosin and
neomycin biosynthesis
MPI-086



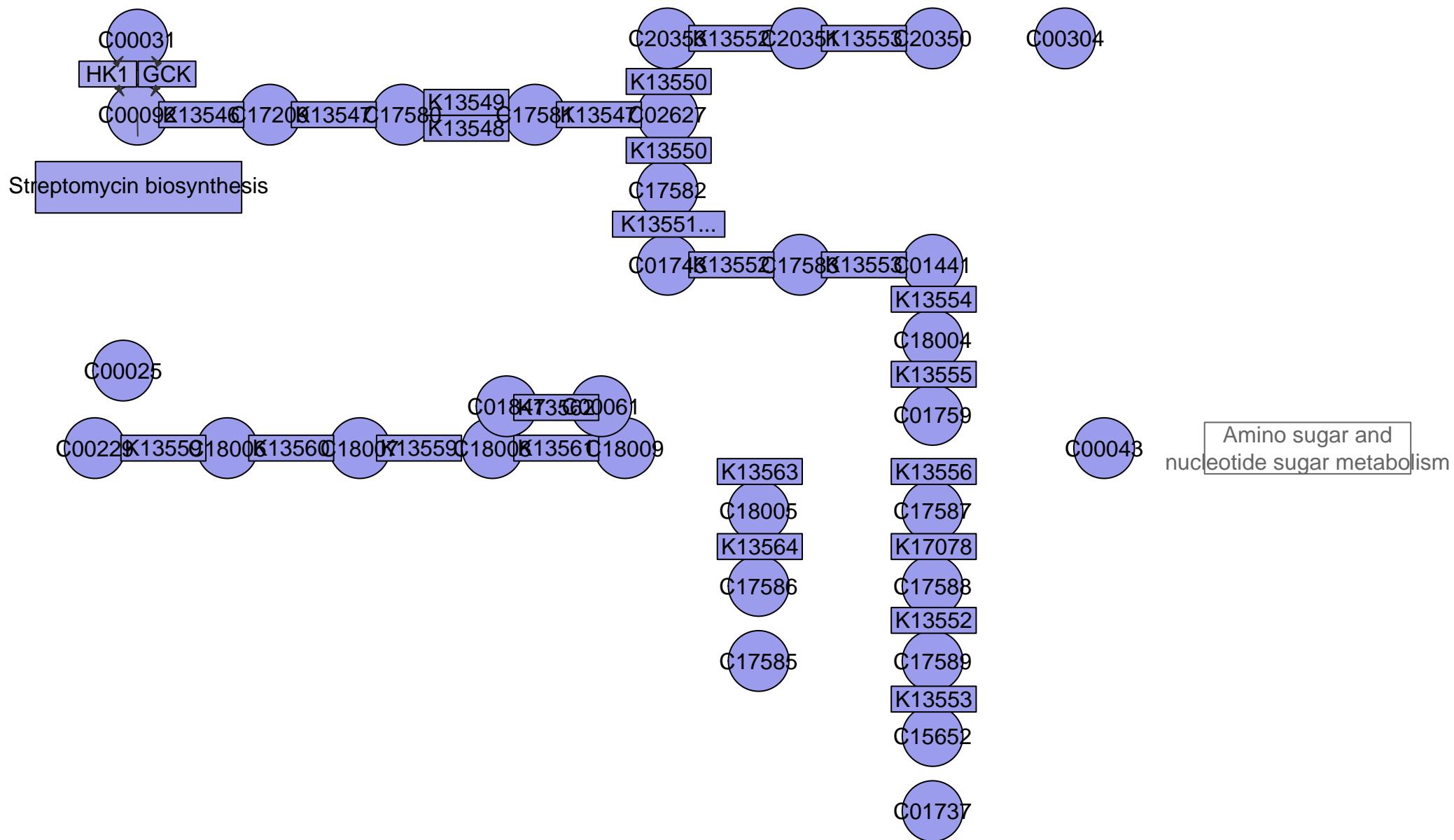
Butirosin and
neomycin biosynthesis
MPI-087



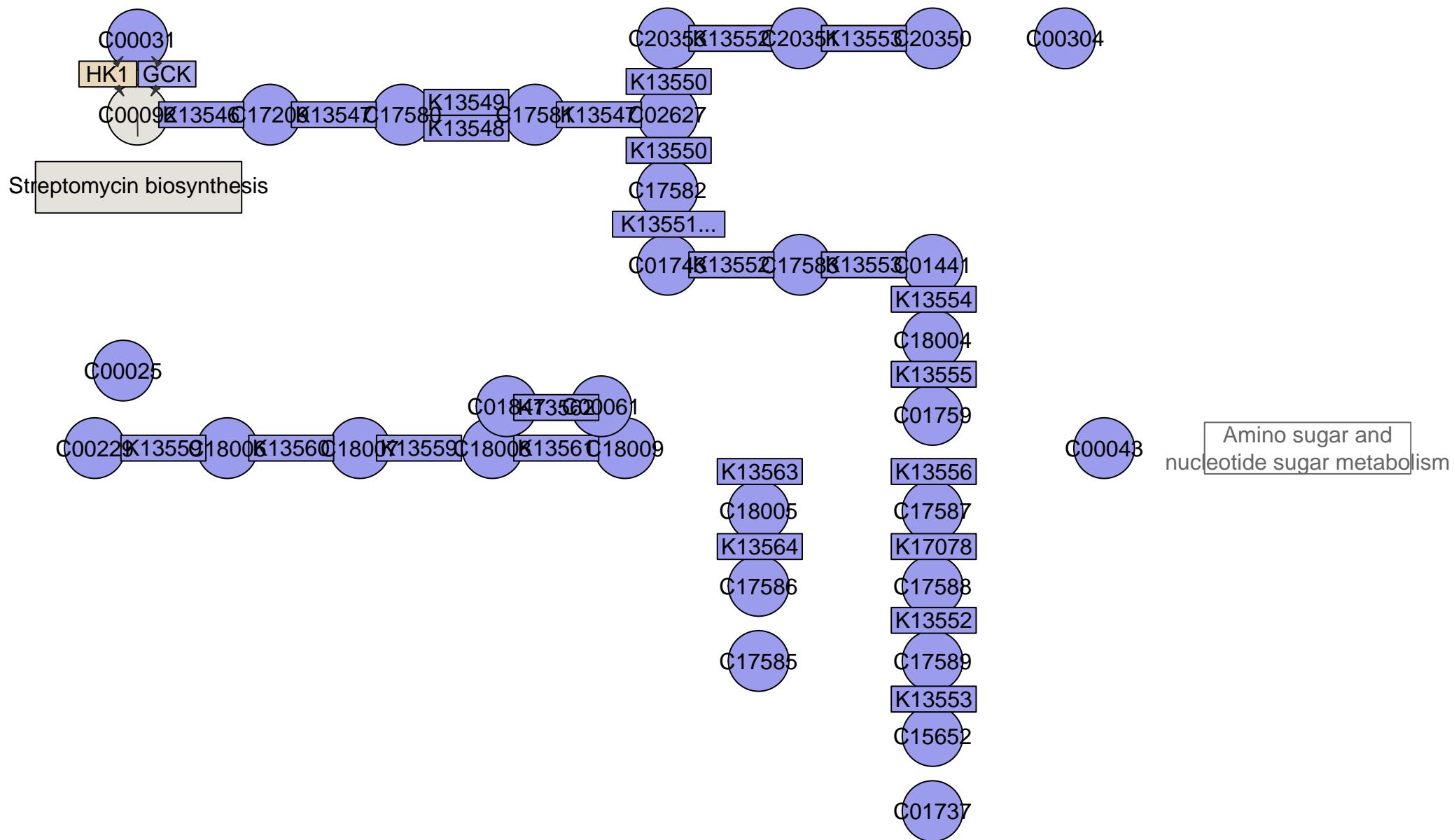
Butirosin and
neomycin biosynthesis
MPI-089



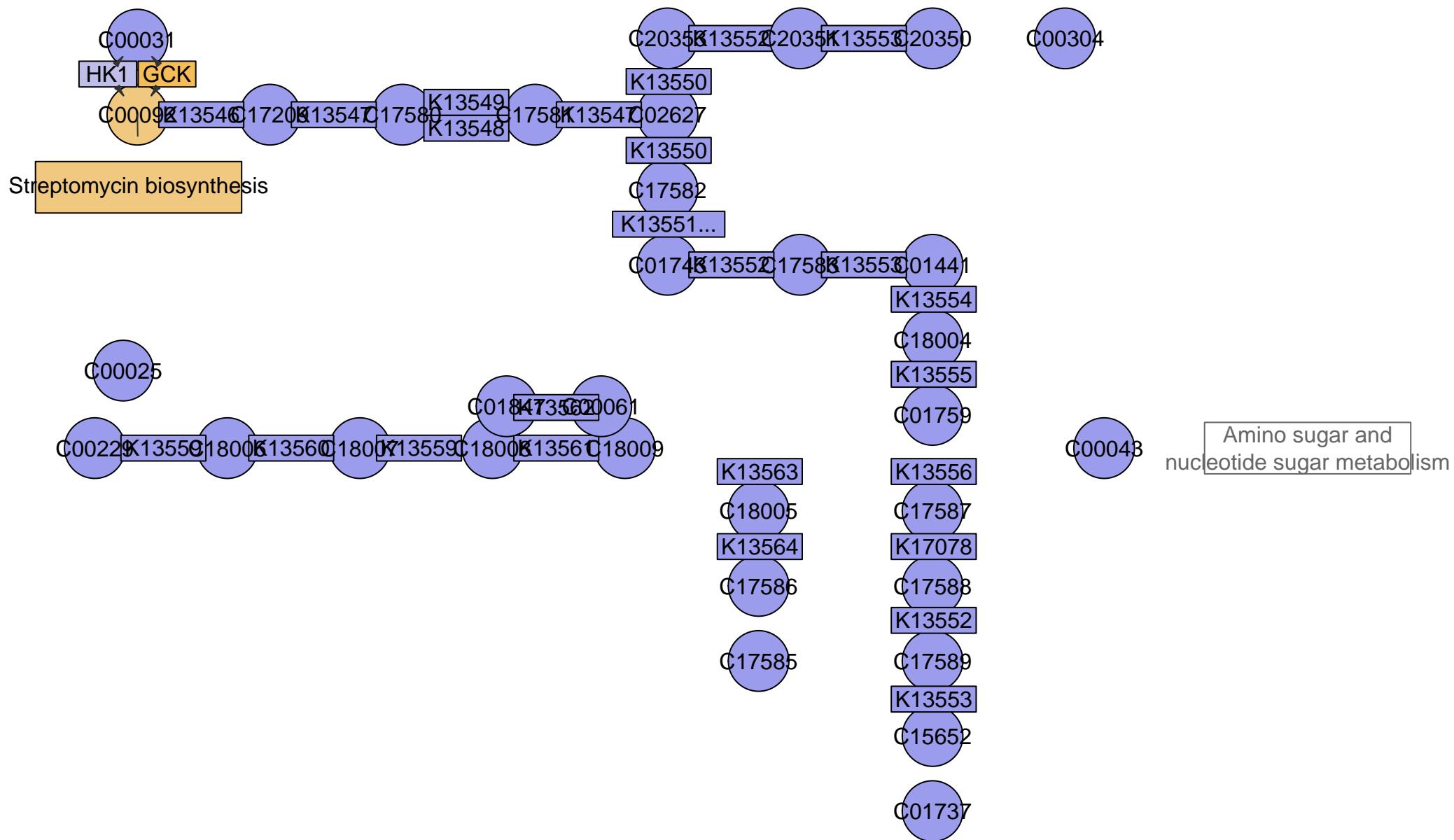
Butirosin and
neomycin biosynthesis
MPI-090



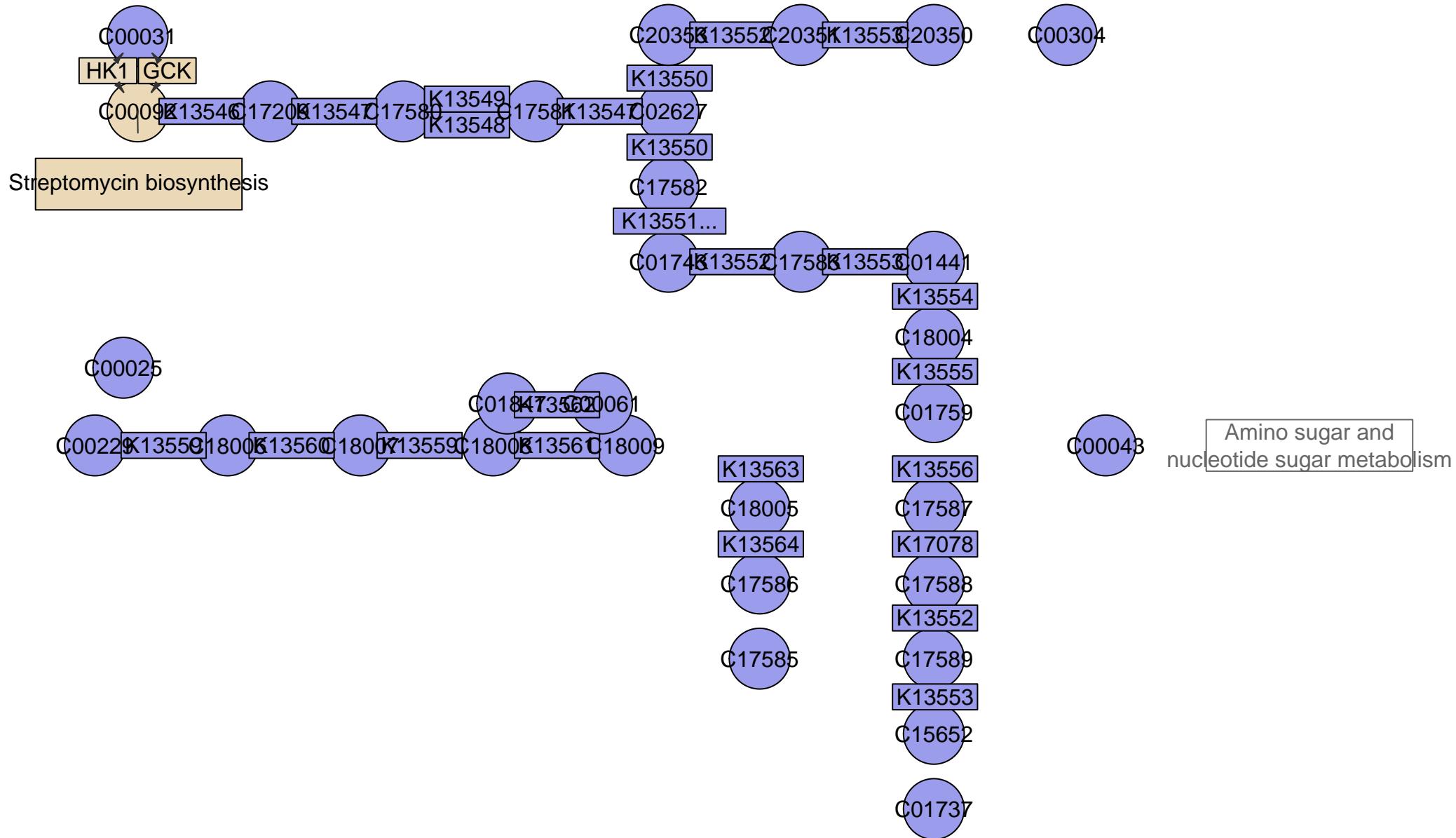
Butirosin and
neomycin biosynthesis
MPI-091



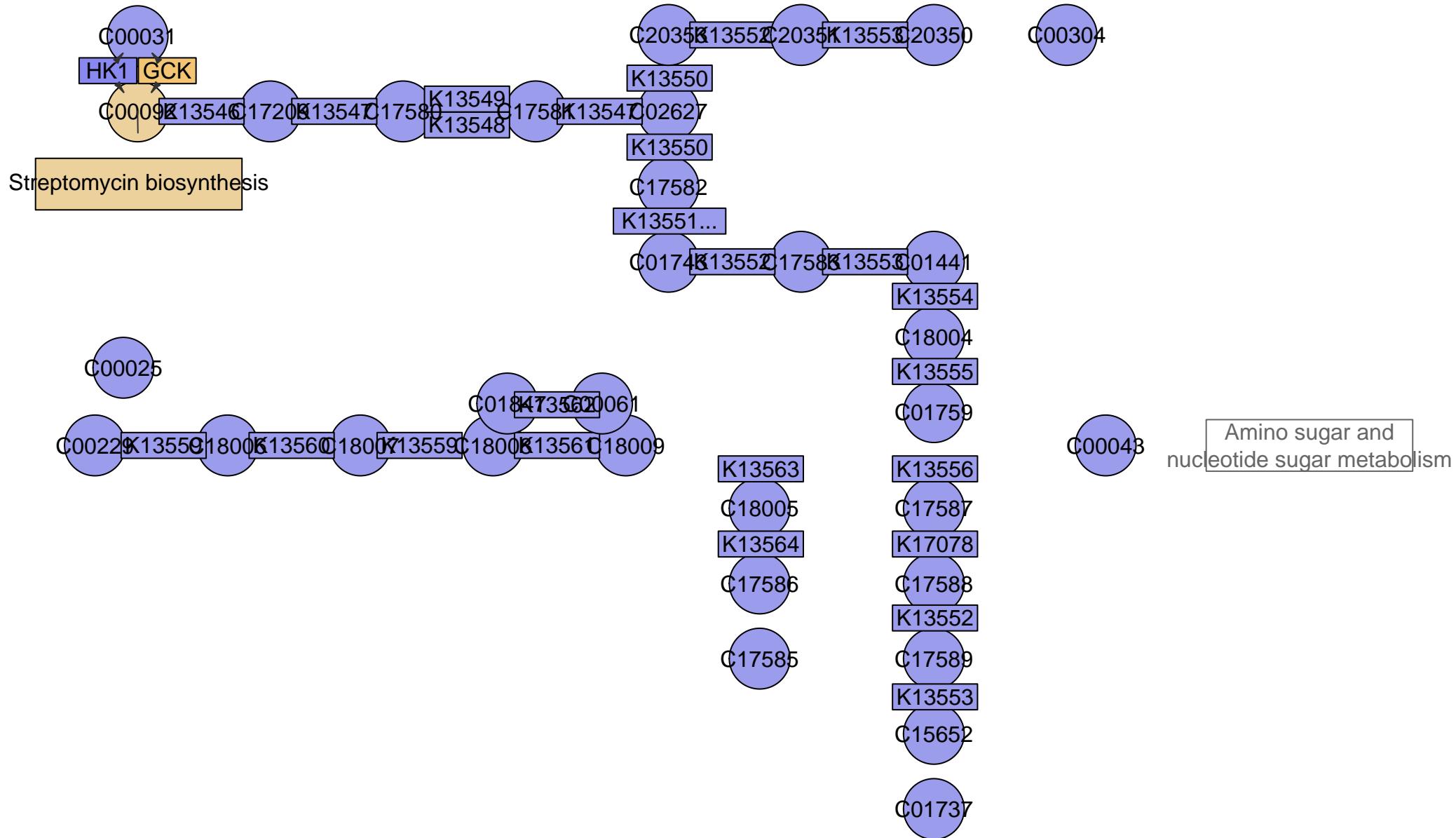
Butirosin and
neomycin biosynthesis
MPI-095



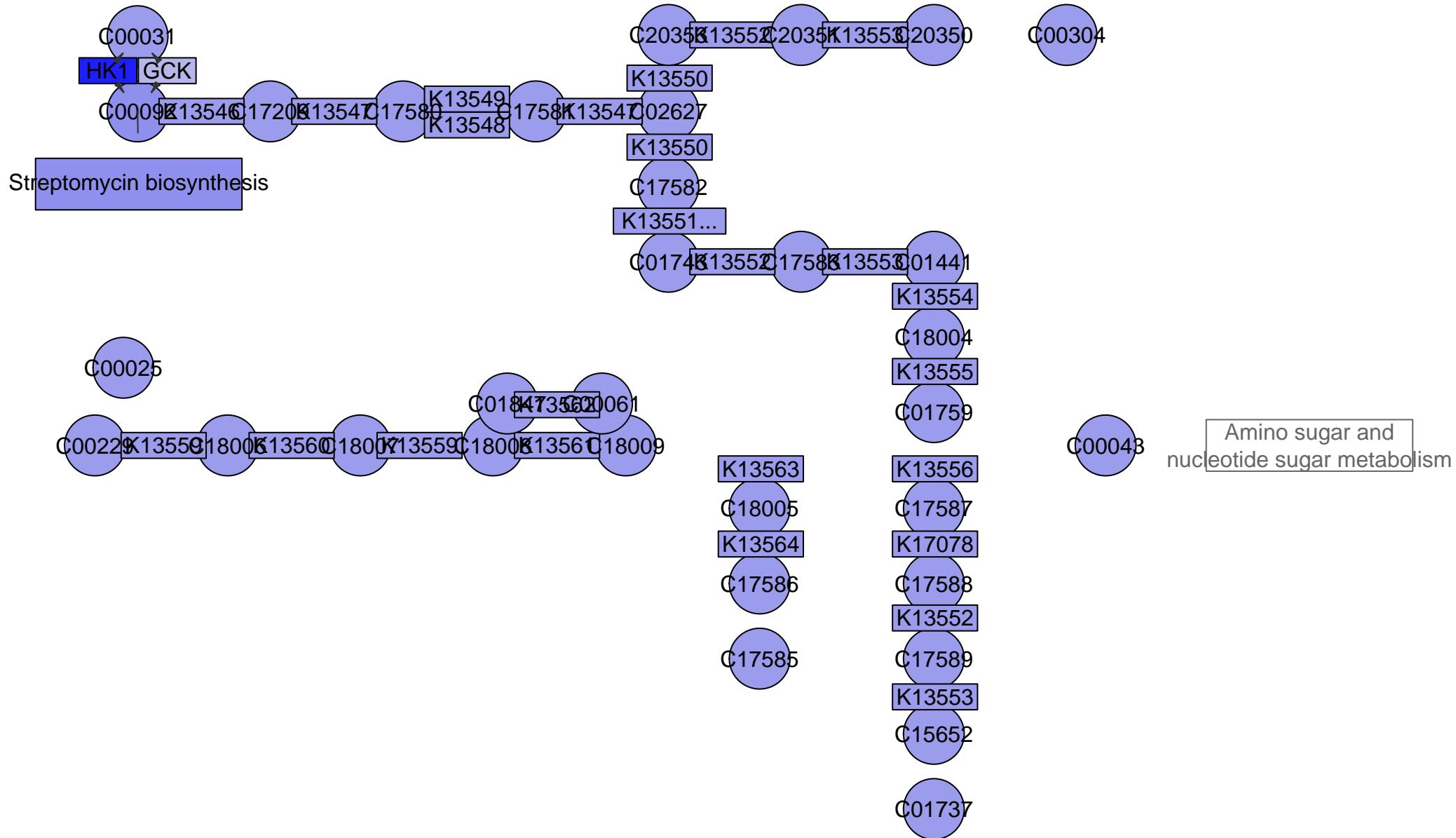
Butirosin and
neomycin biosynthesis
MPI-101



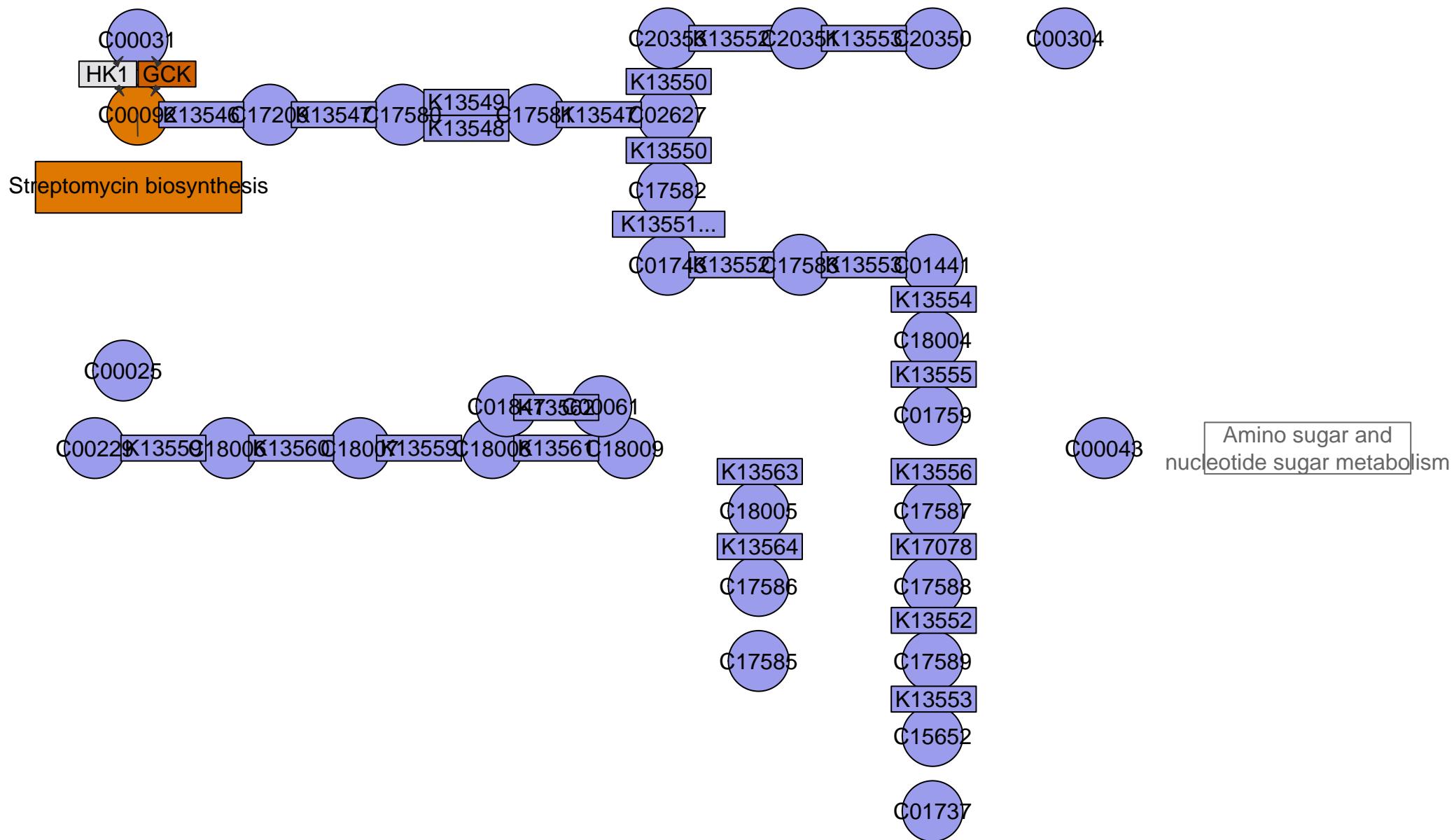
Butirosin and
neomycin biosynthesis
MPI-114



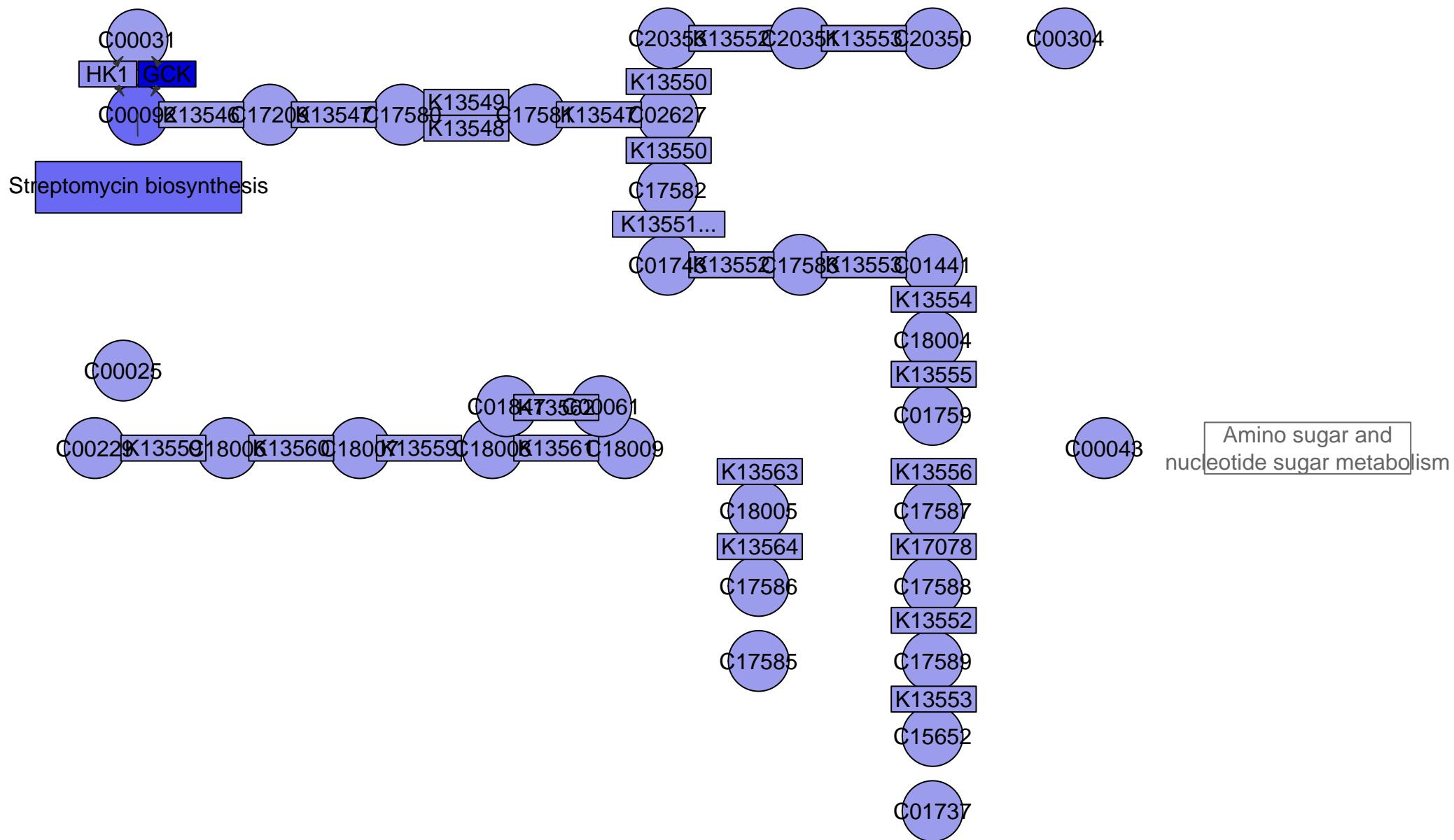
Butirosin and
neomycin biosynthesis
MPI-123



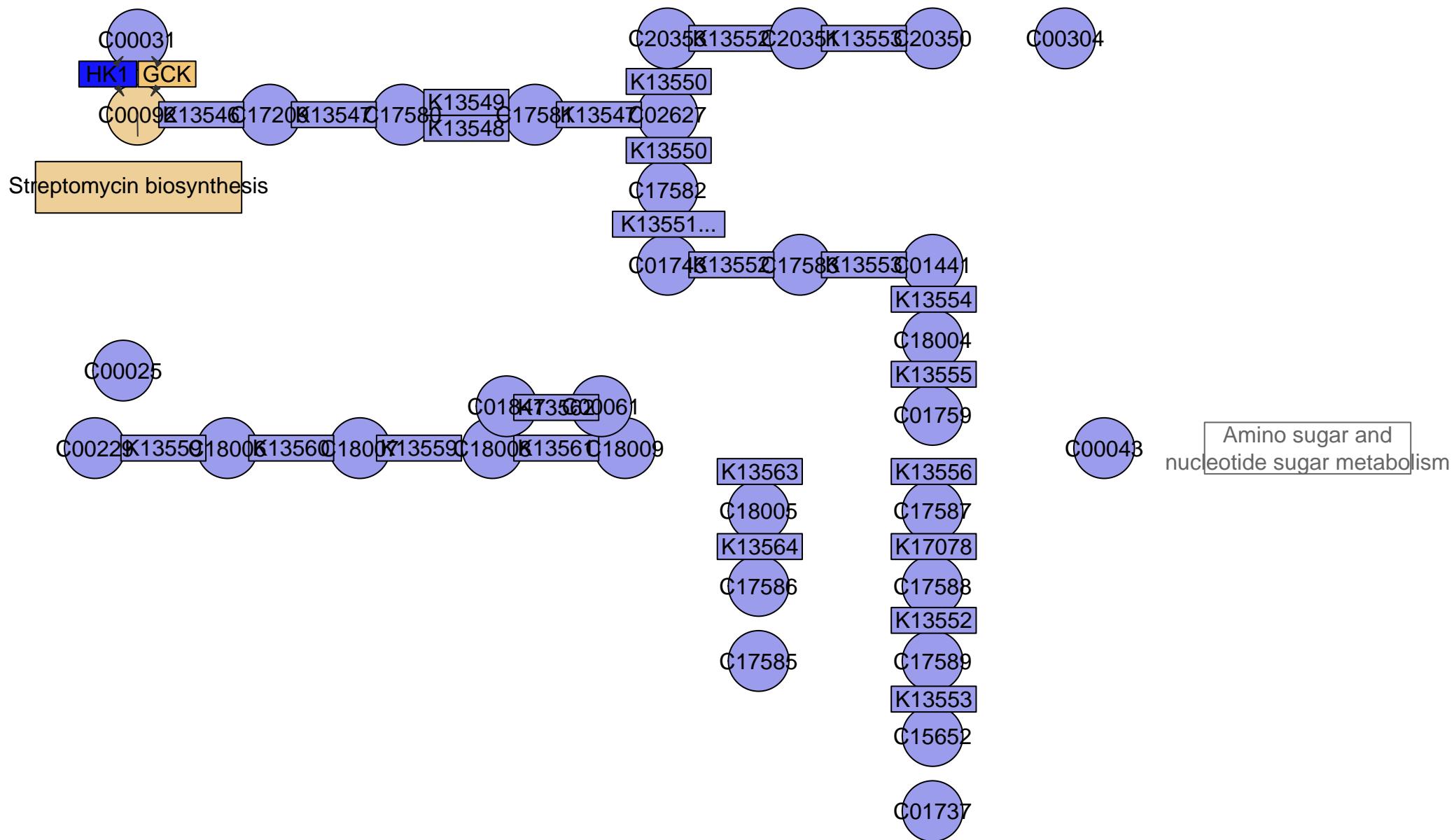
Butirosin and
neomycin biosynthesis
MPI-138



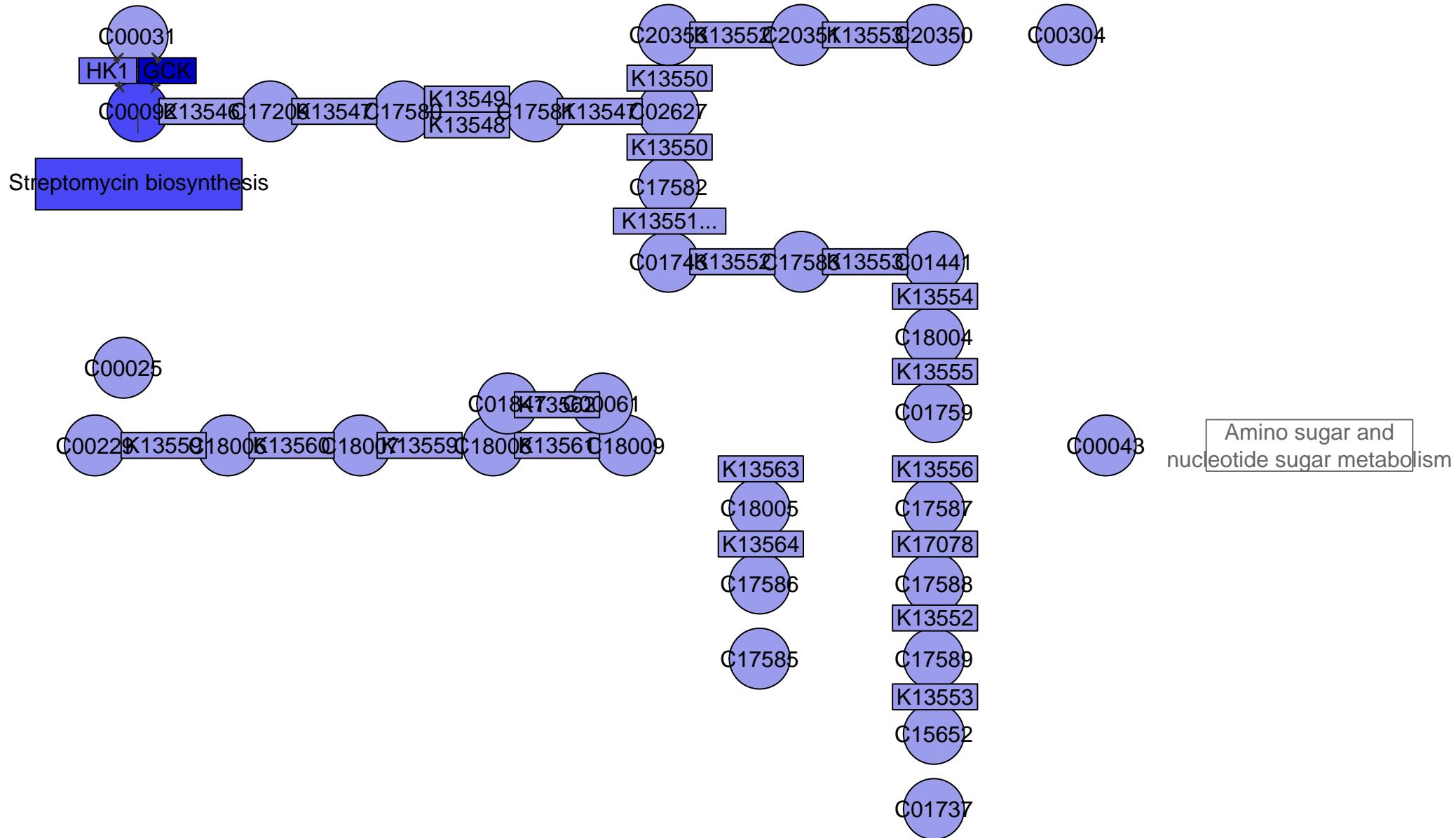
Butirosin and
neomycin biosynthesis
MPI-139



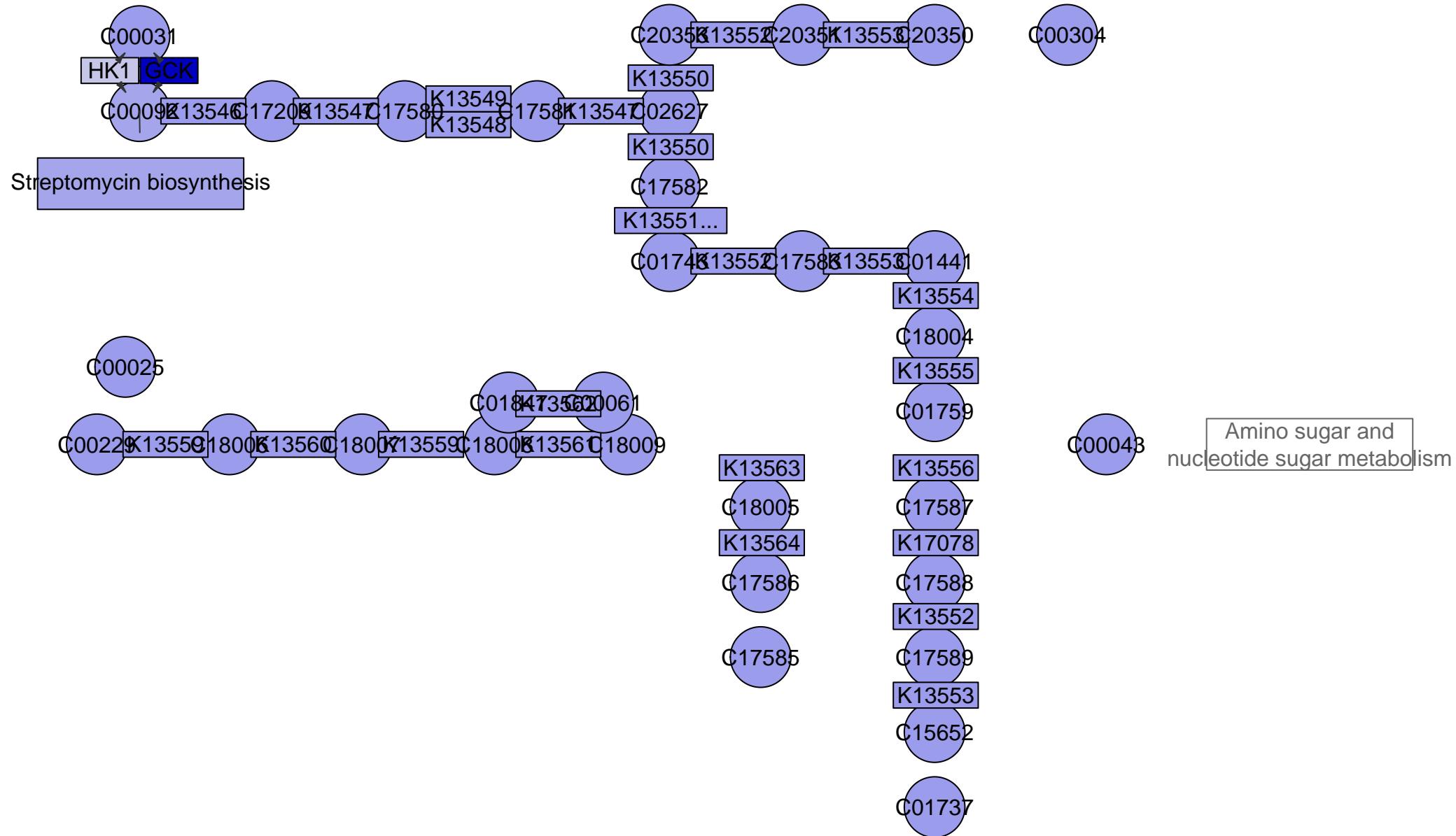
Butirosin and
neomycin biosynthesis
MPI-140



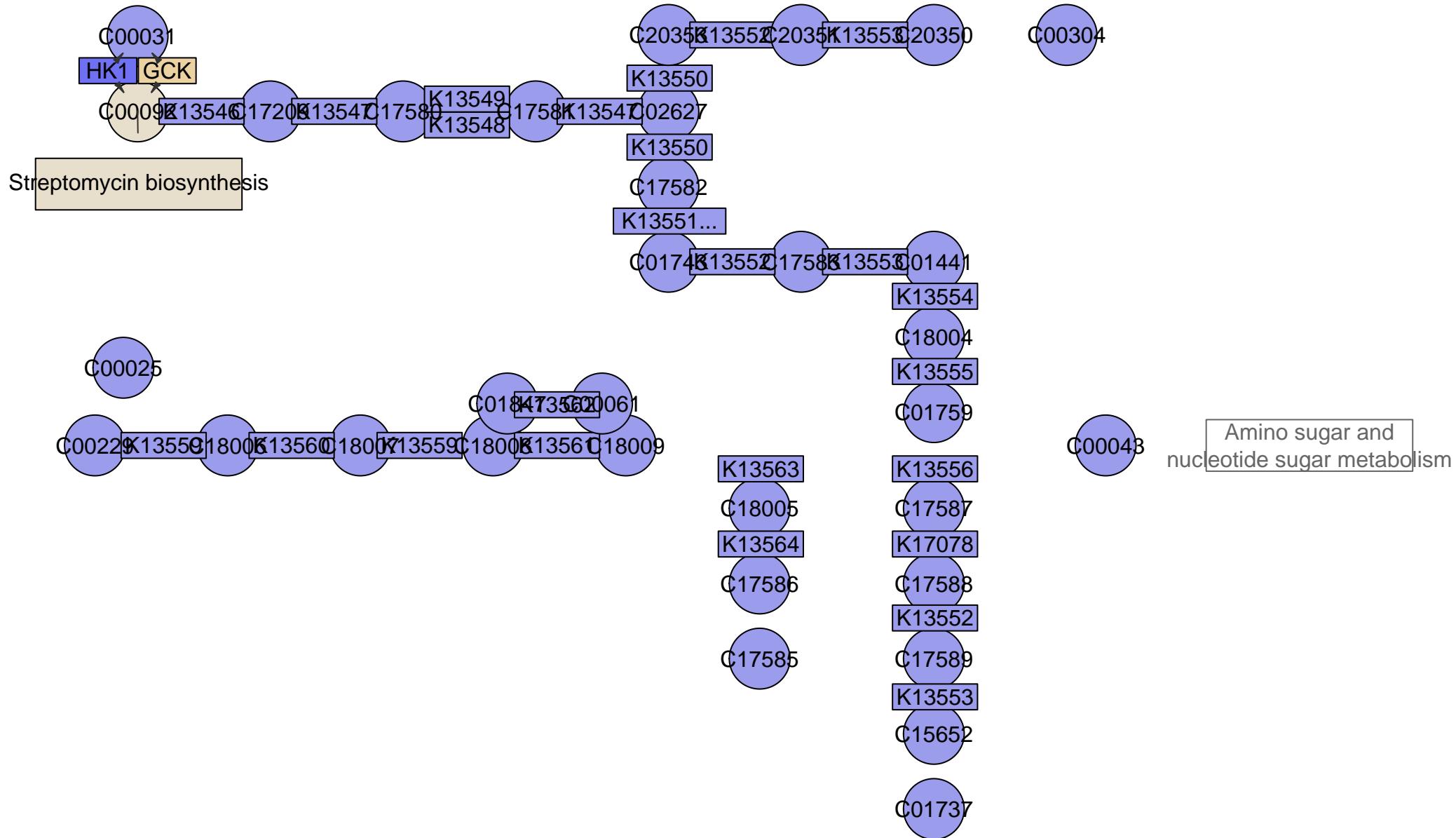
Butirosin and
neomycin biosynthesis
MPI-144



Butirosin and
neomycin biosynthesis
MPI-147

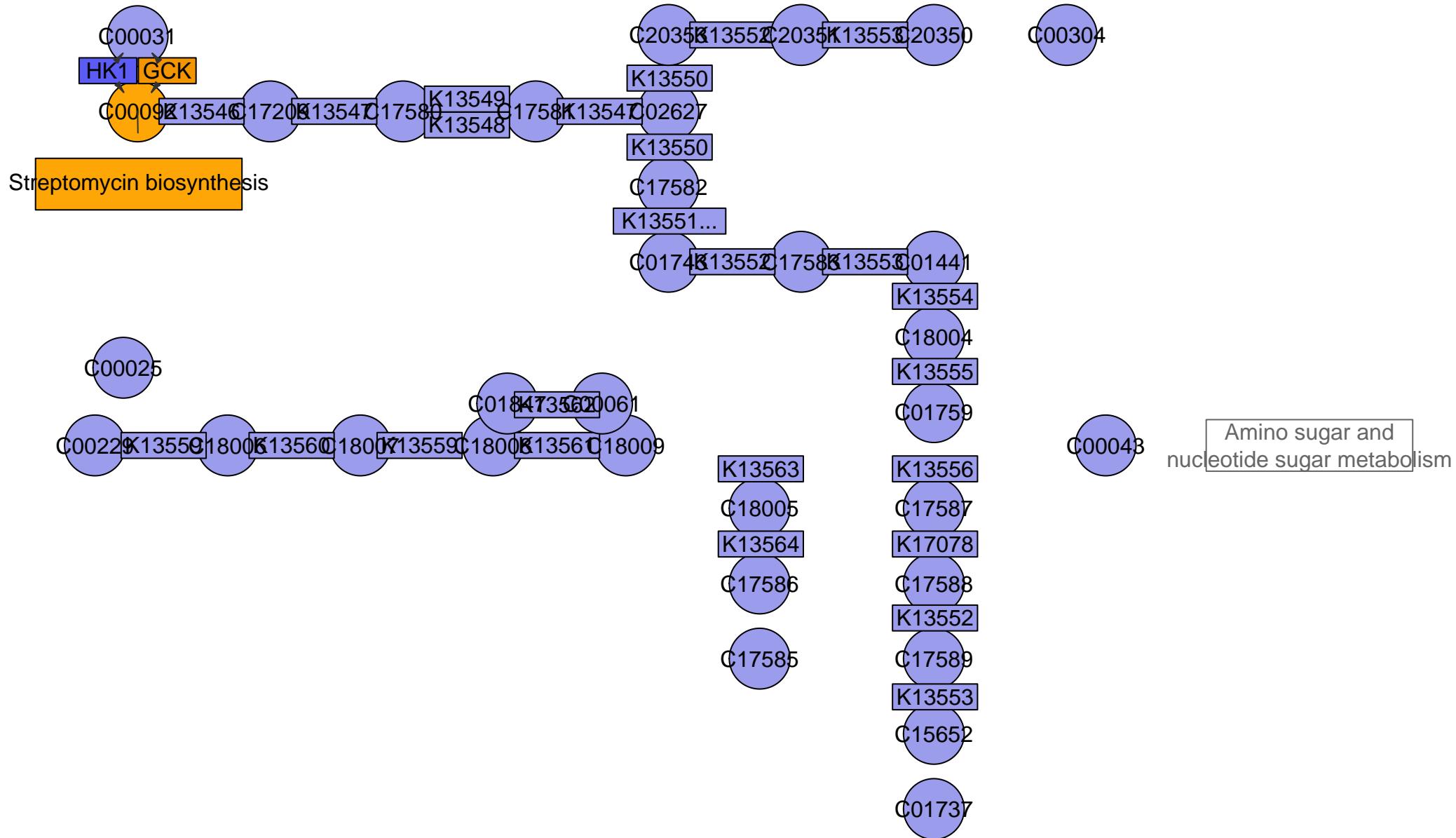


Butirosin and
neomycin biosynthesis
MPI-171

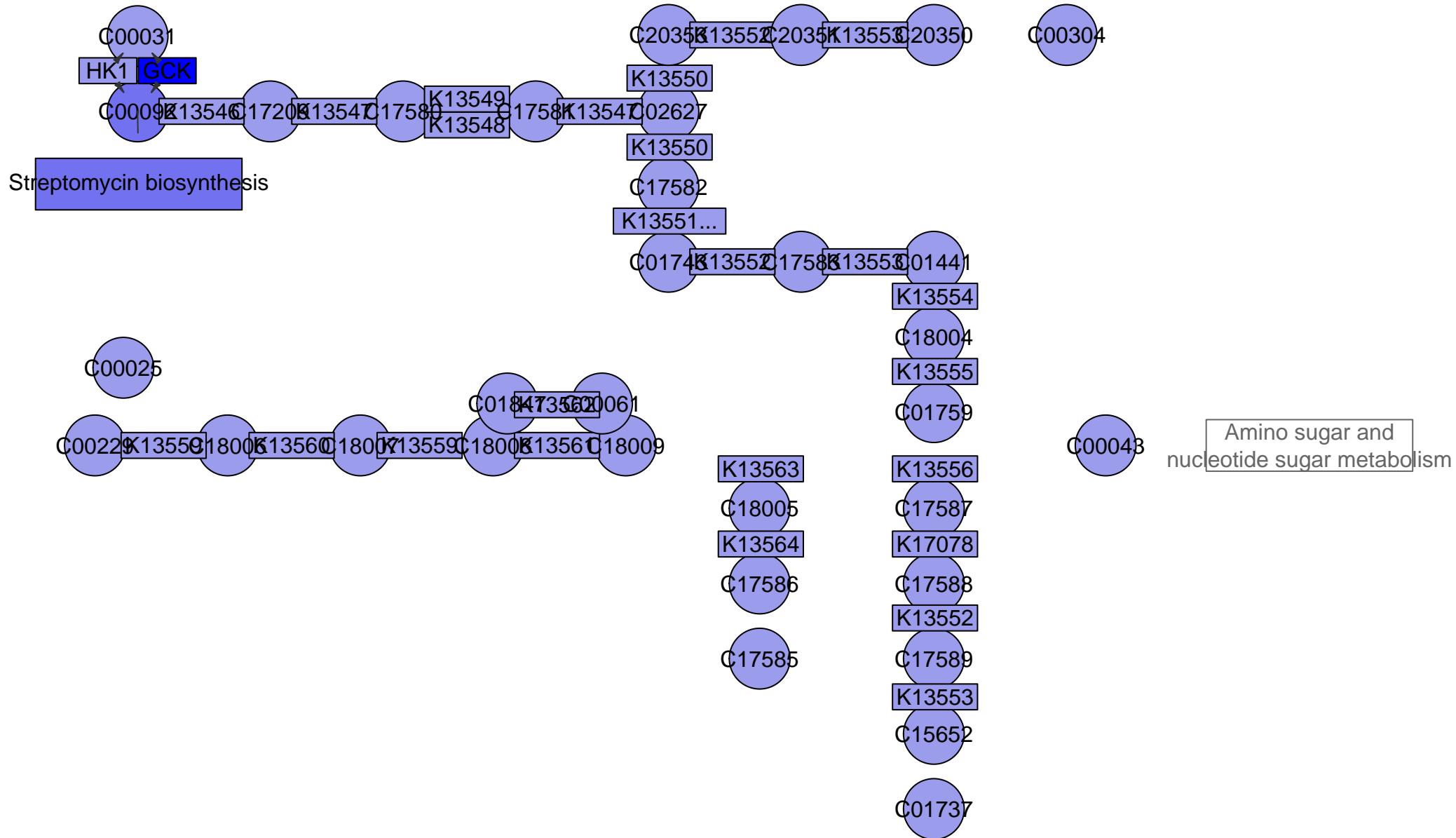


Amino sugar and
nucleotide sugar metabolism

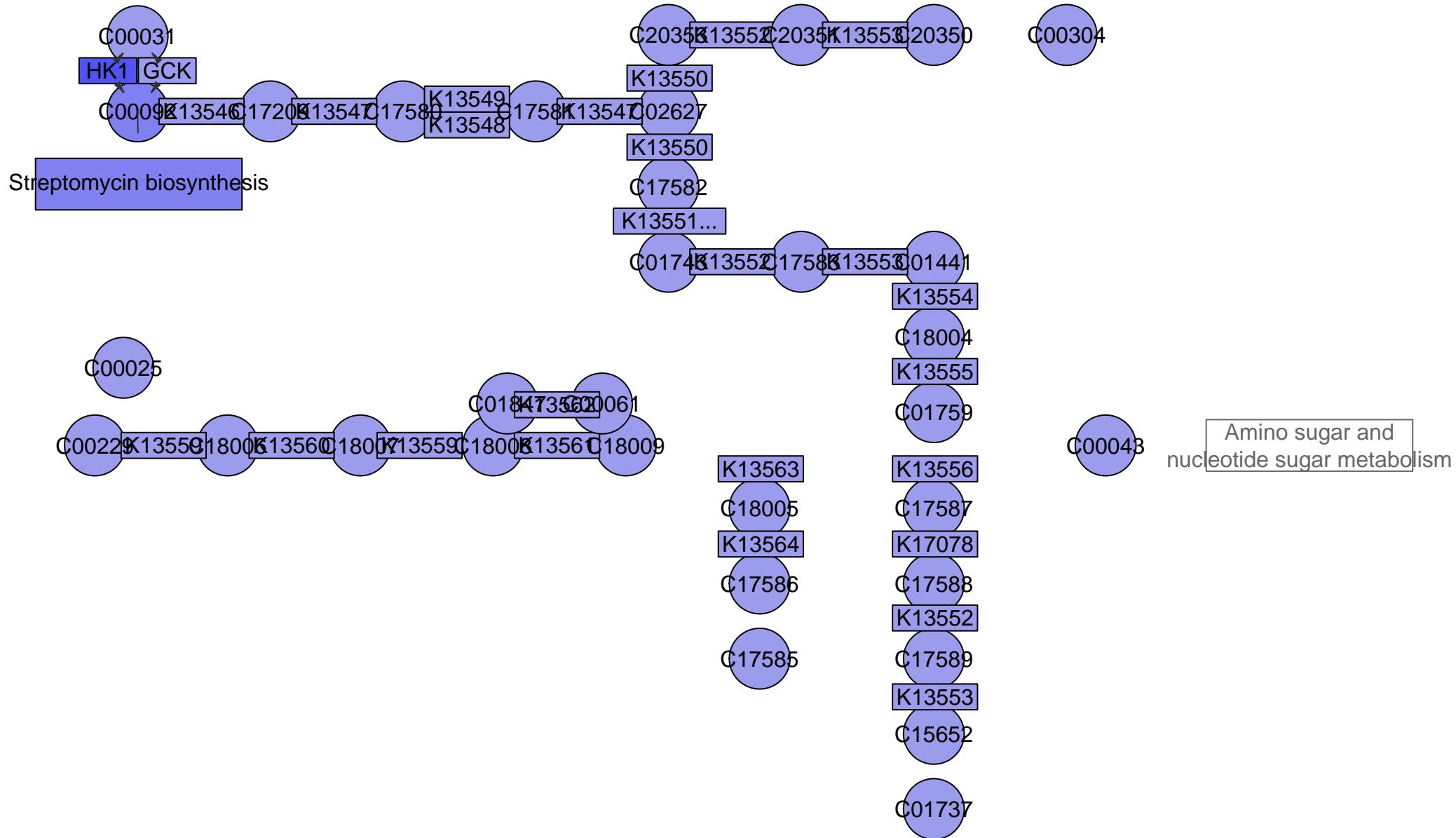
Butirosin and
neomycin biosynthesis
MPI-172



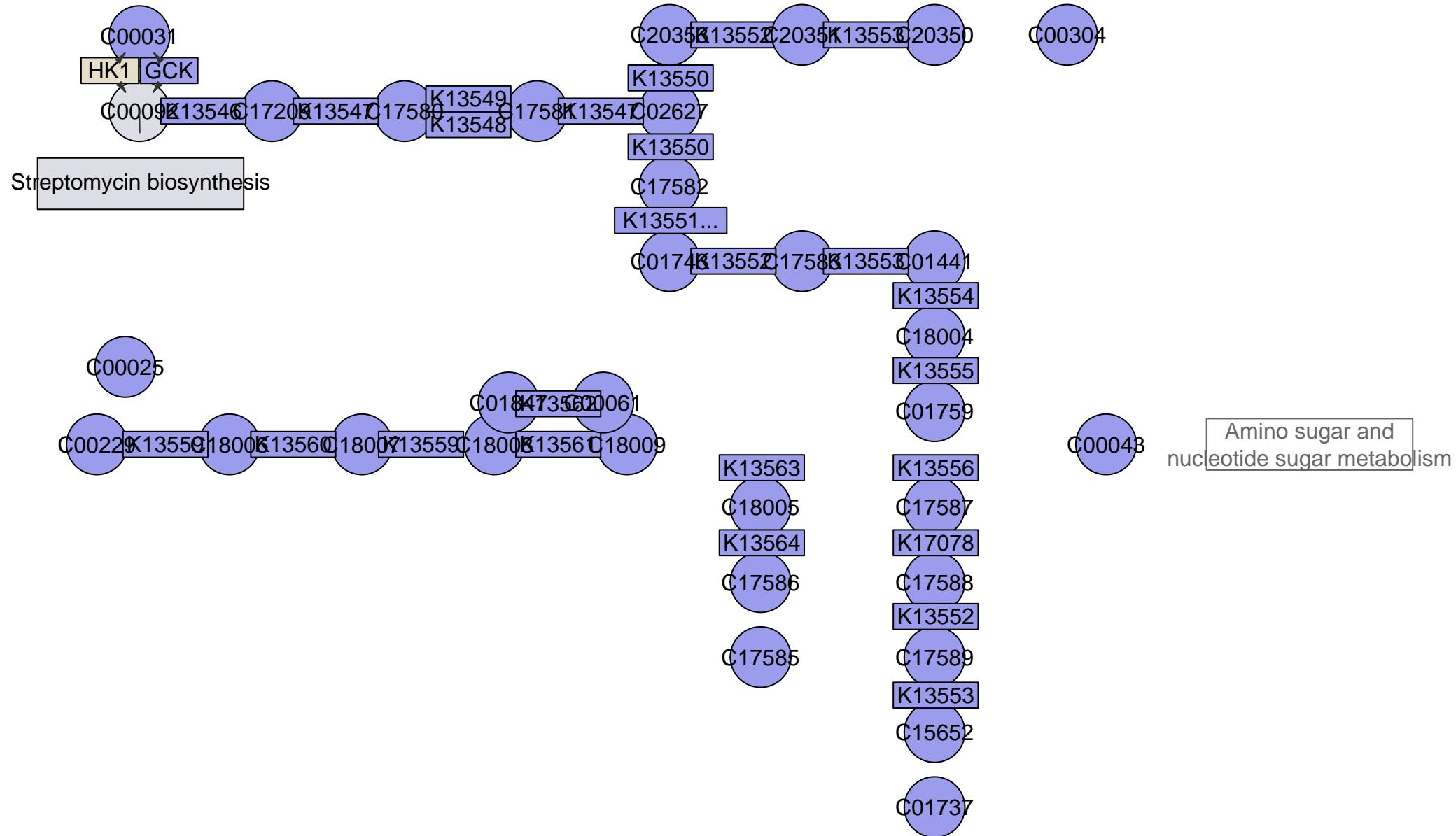
Butirosin and
neomycin biosynthesis
MPI-007



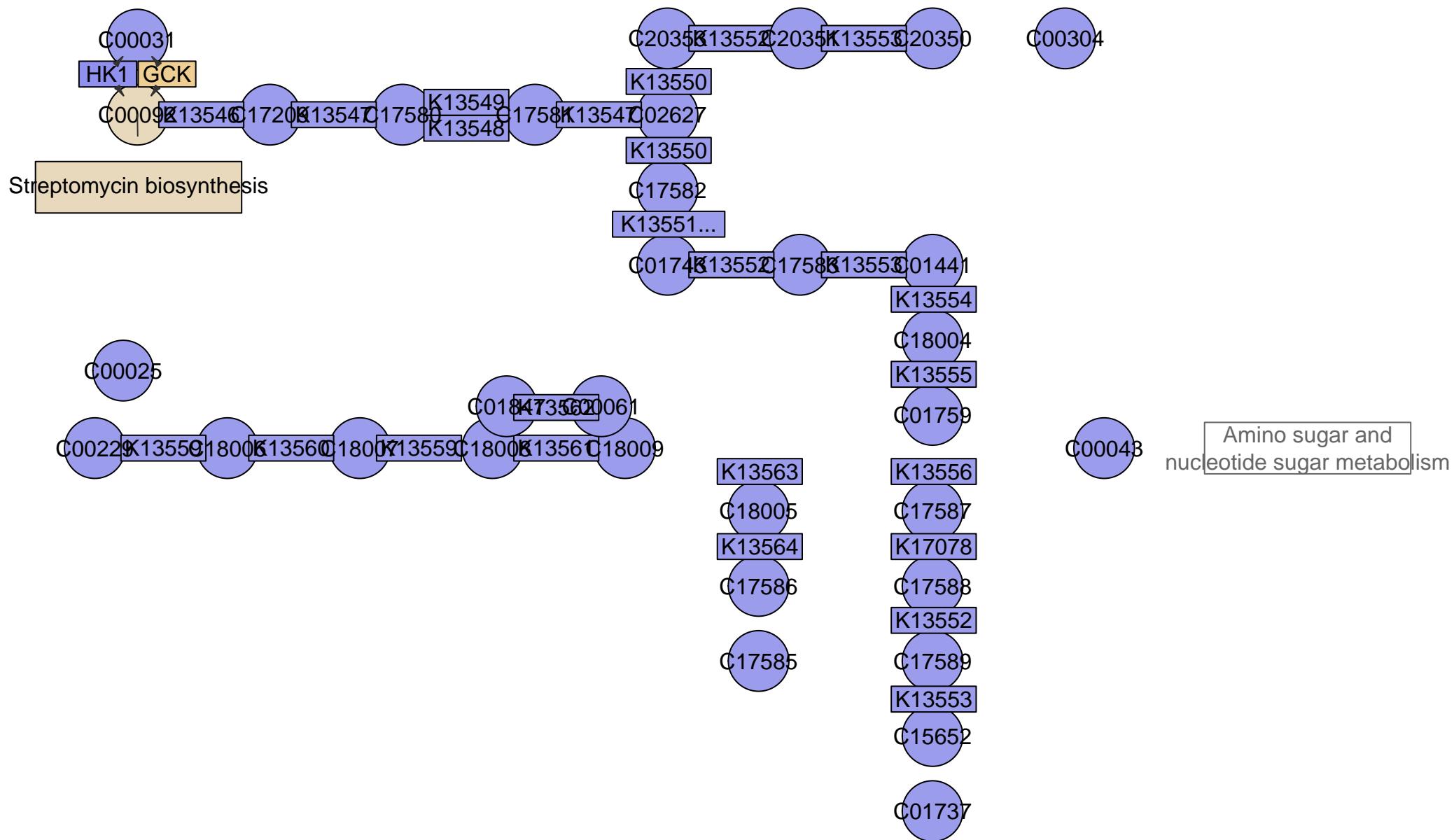
Butirosin and
neomycin biosynthesis
MPI-011



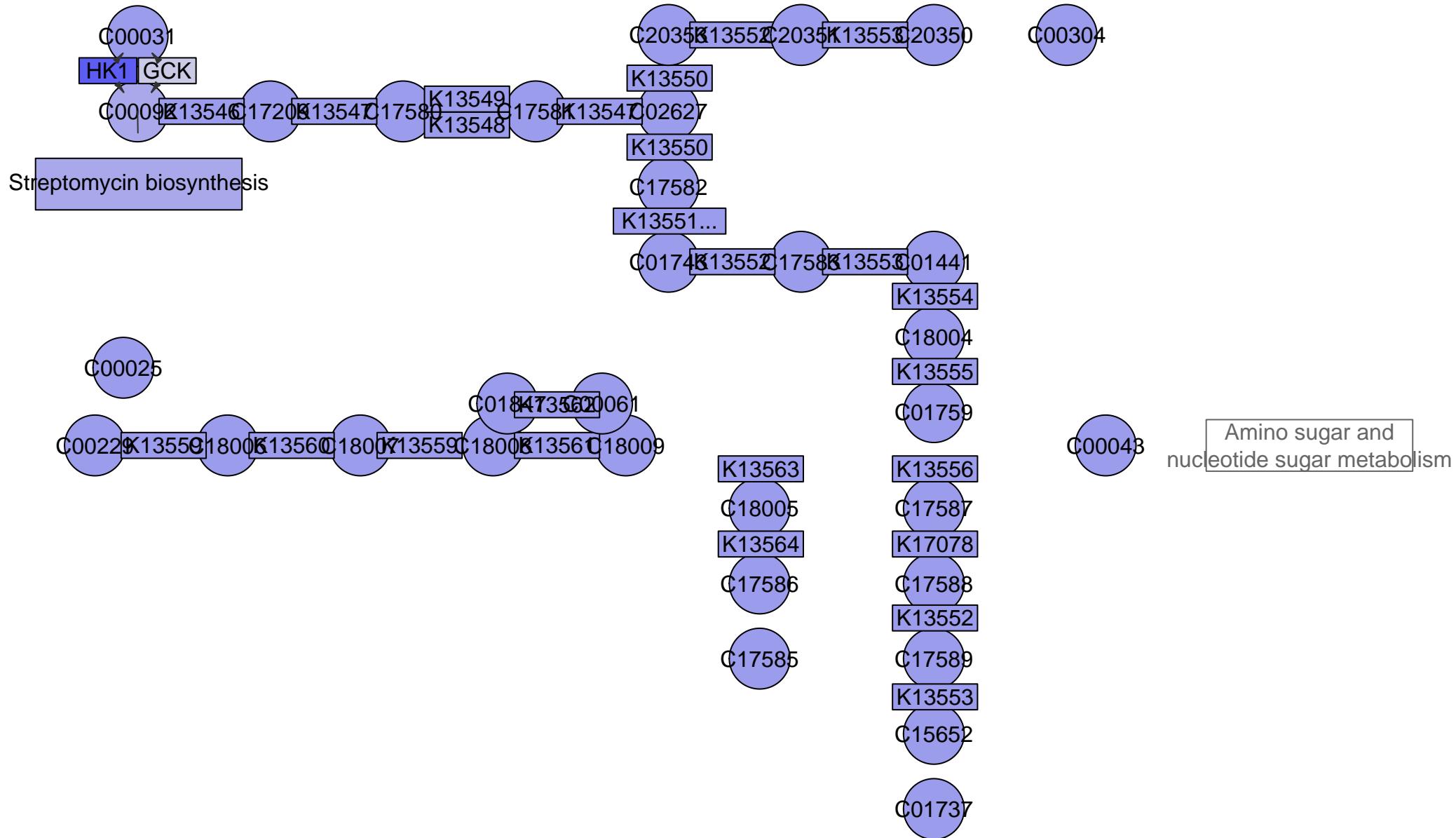
Butirosin and
neomycin biosynthesis
MPI-024



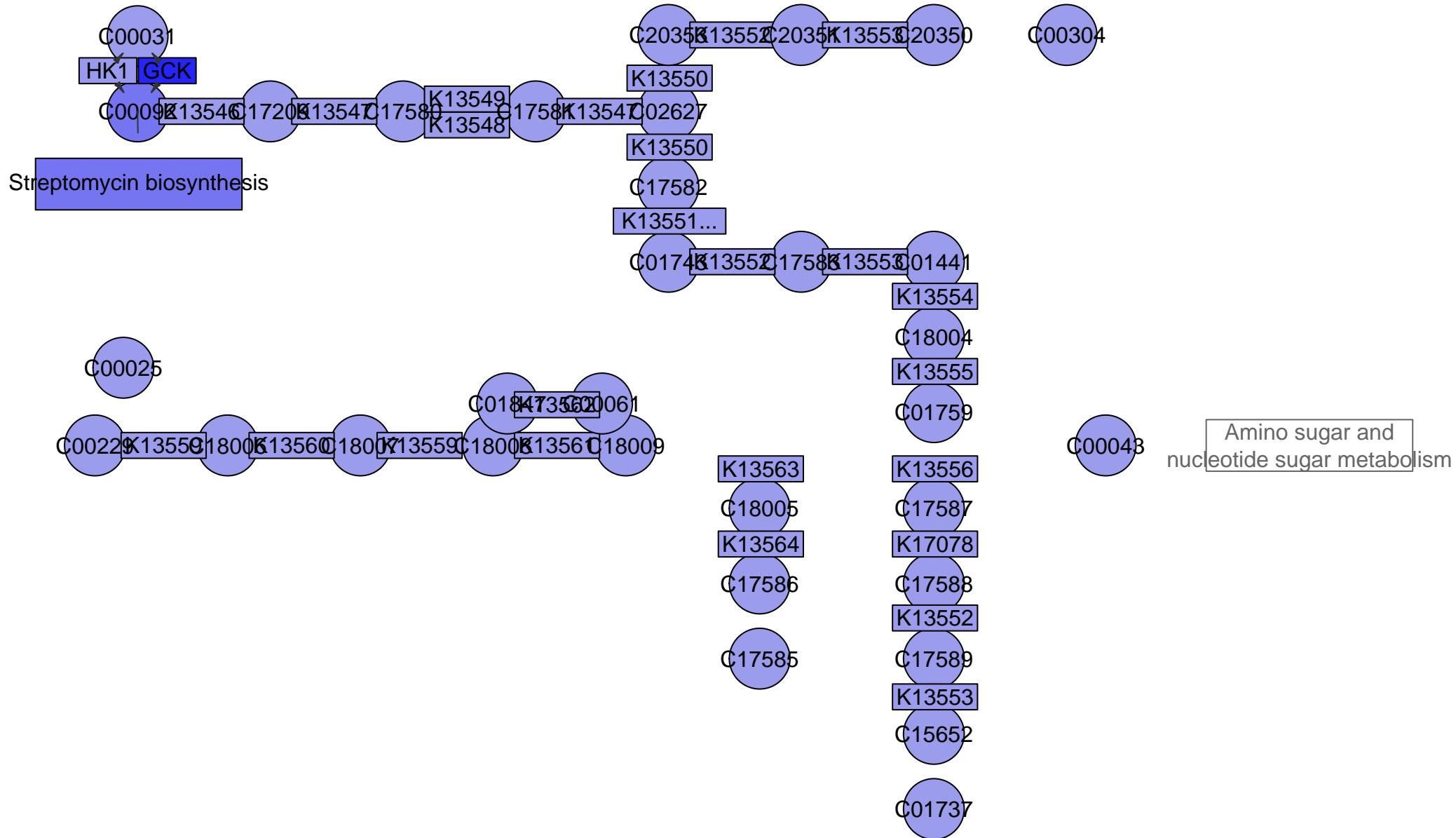
Butirosin and
neomycin biosynthesis
MPI-026



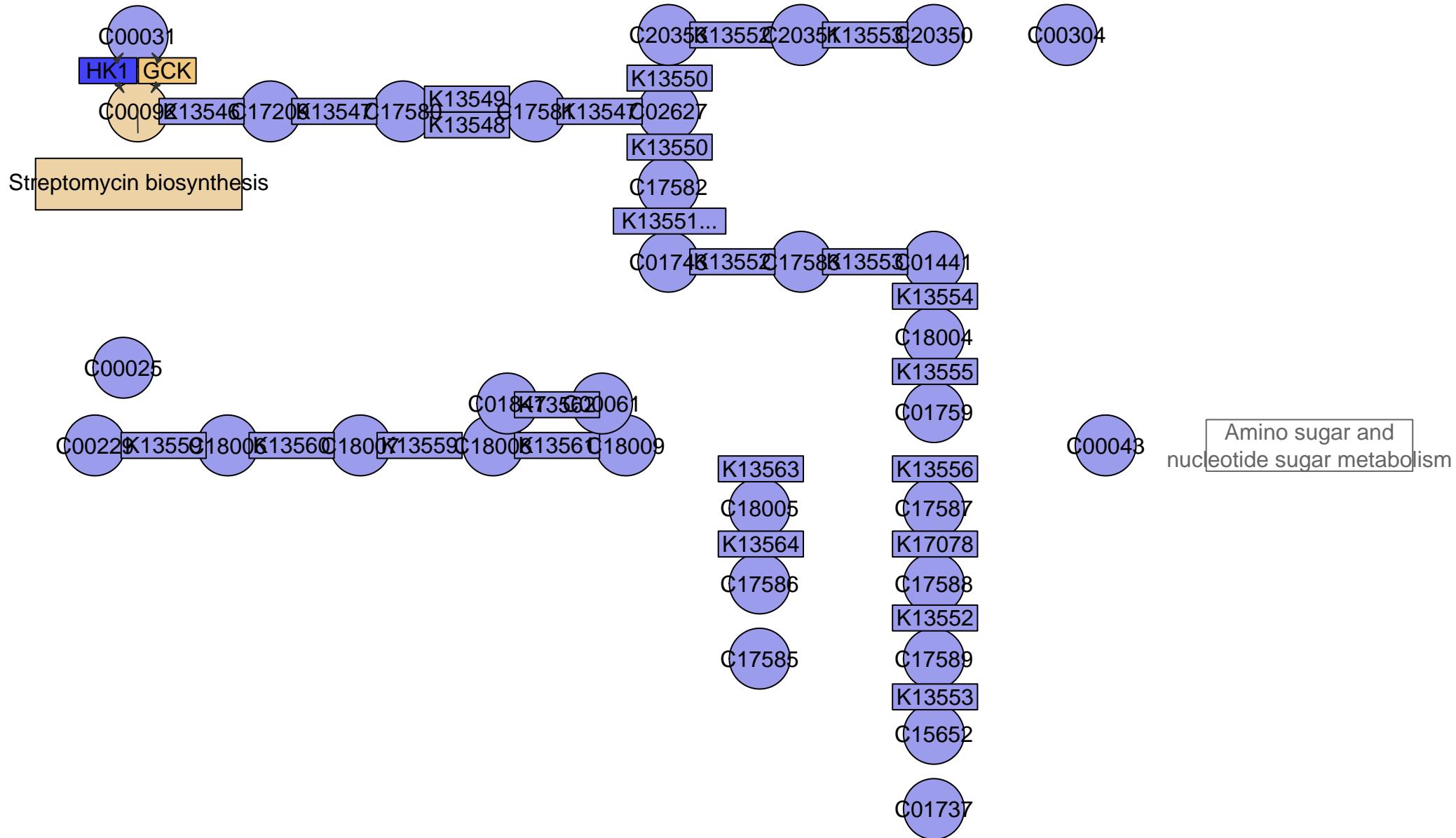
Butirosin and
neomycin biosynthesis
MPI-036



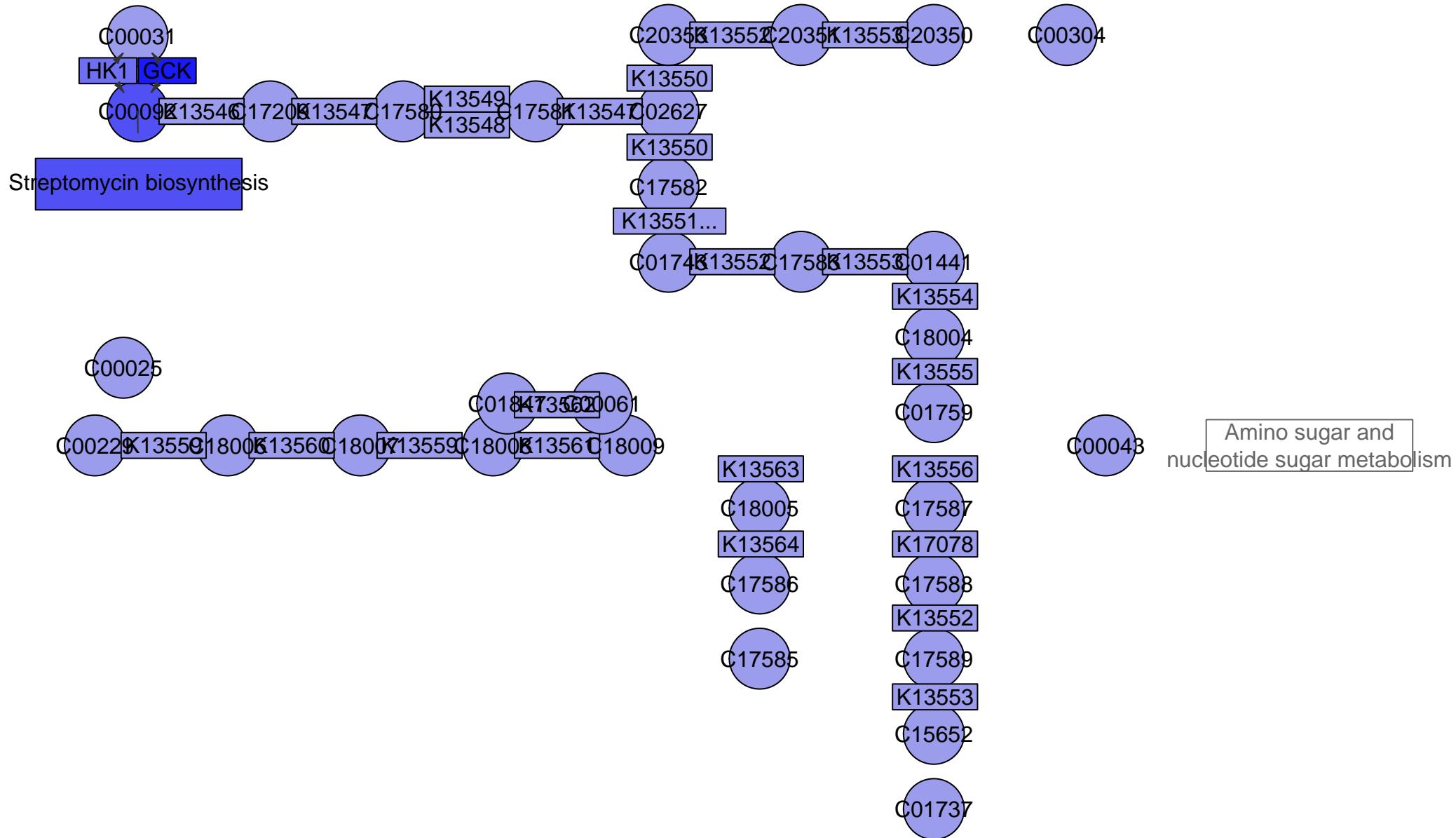
Butirosin and
neomycin biosynthesis
MPI-037



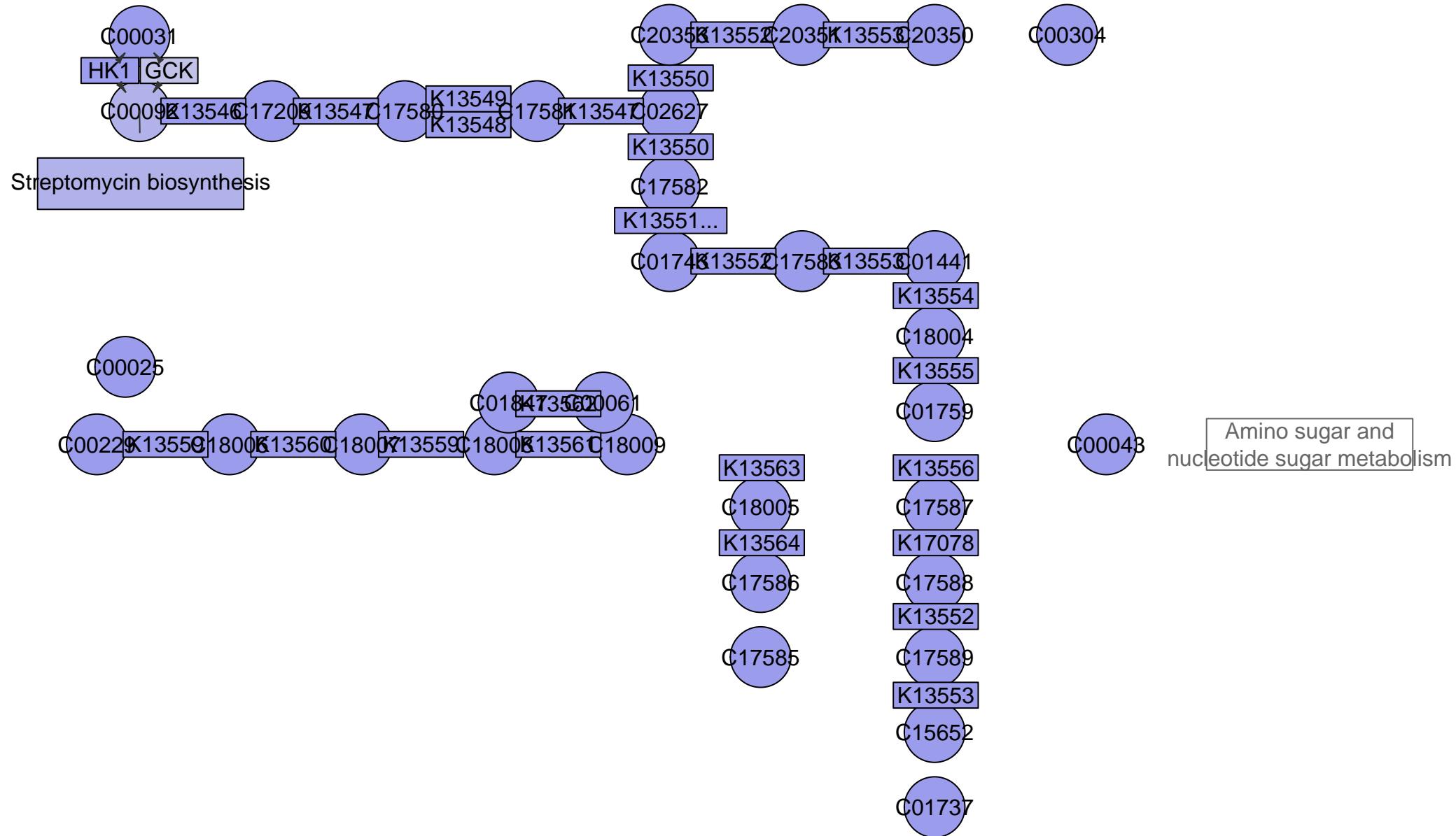
Butirosin and
neomycin biosynthesis
MPI-038



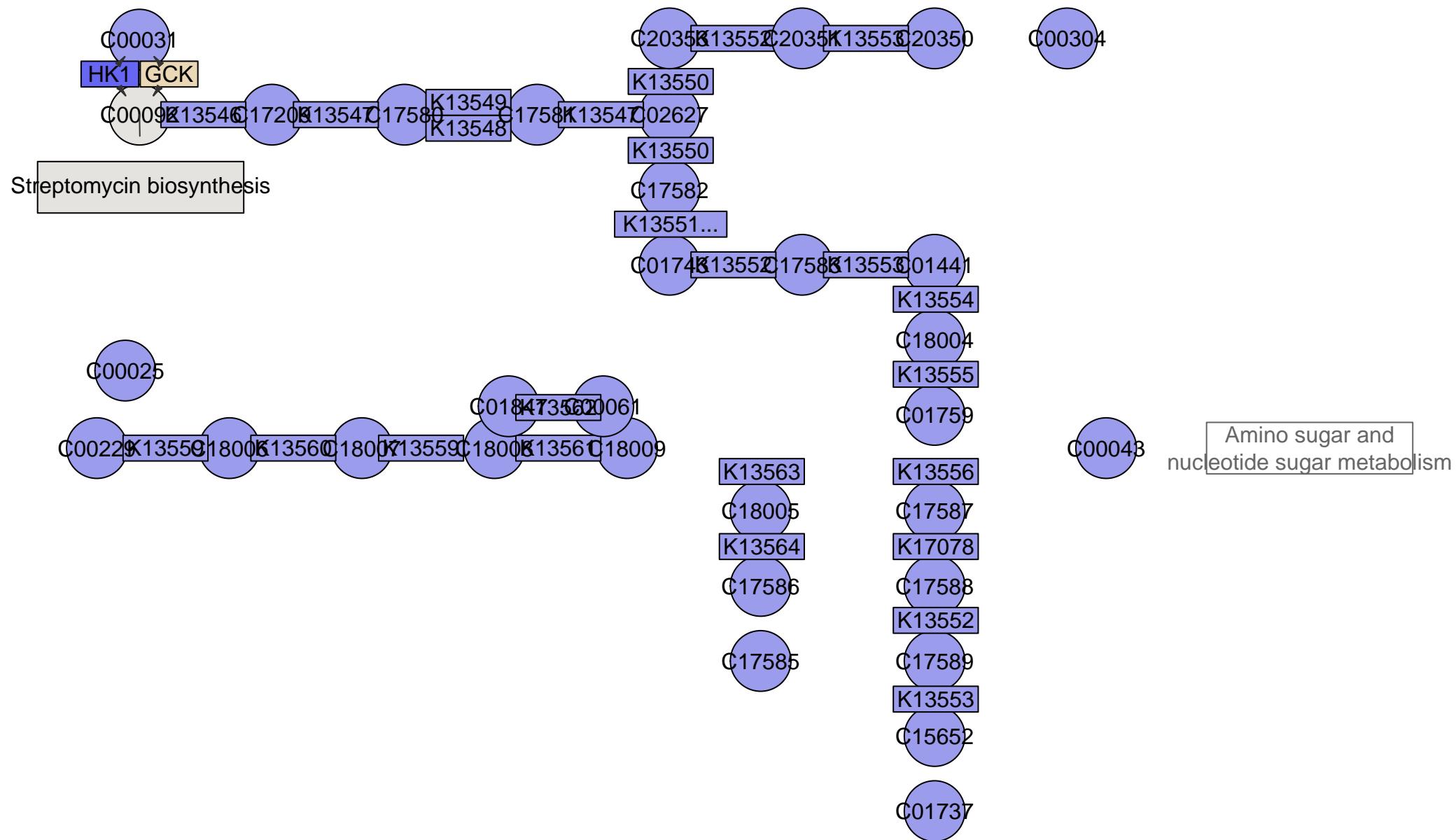
Butirosin and
neomycin biosynthesis
MPI-041



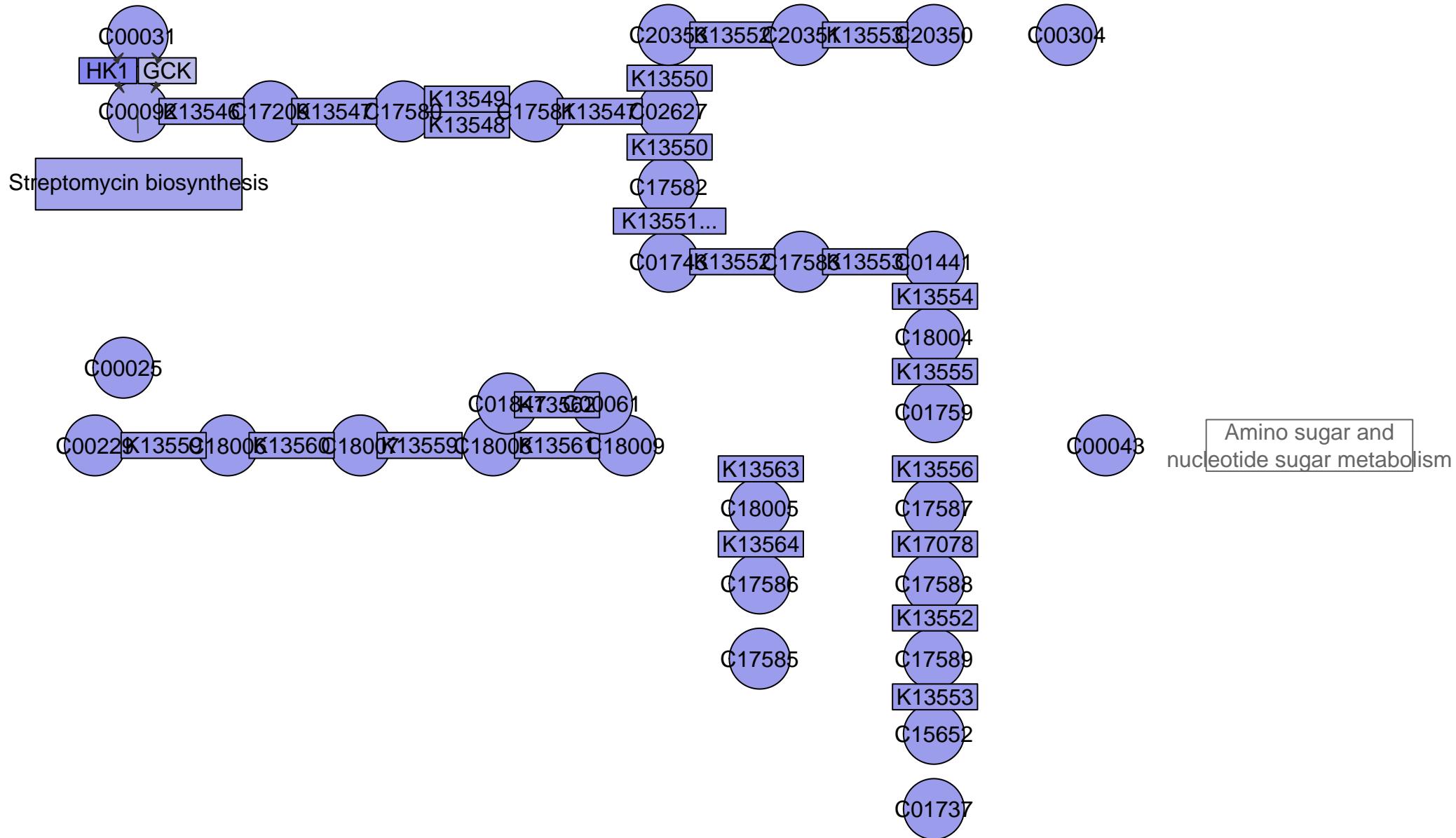
Butirosin and
neomycin biosynthesis
MPI-046



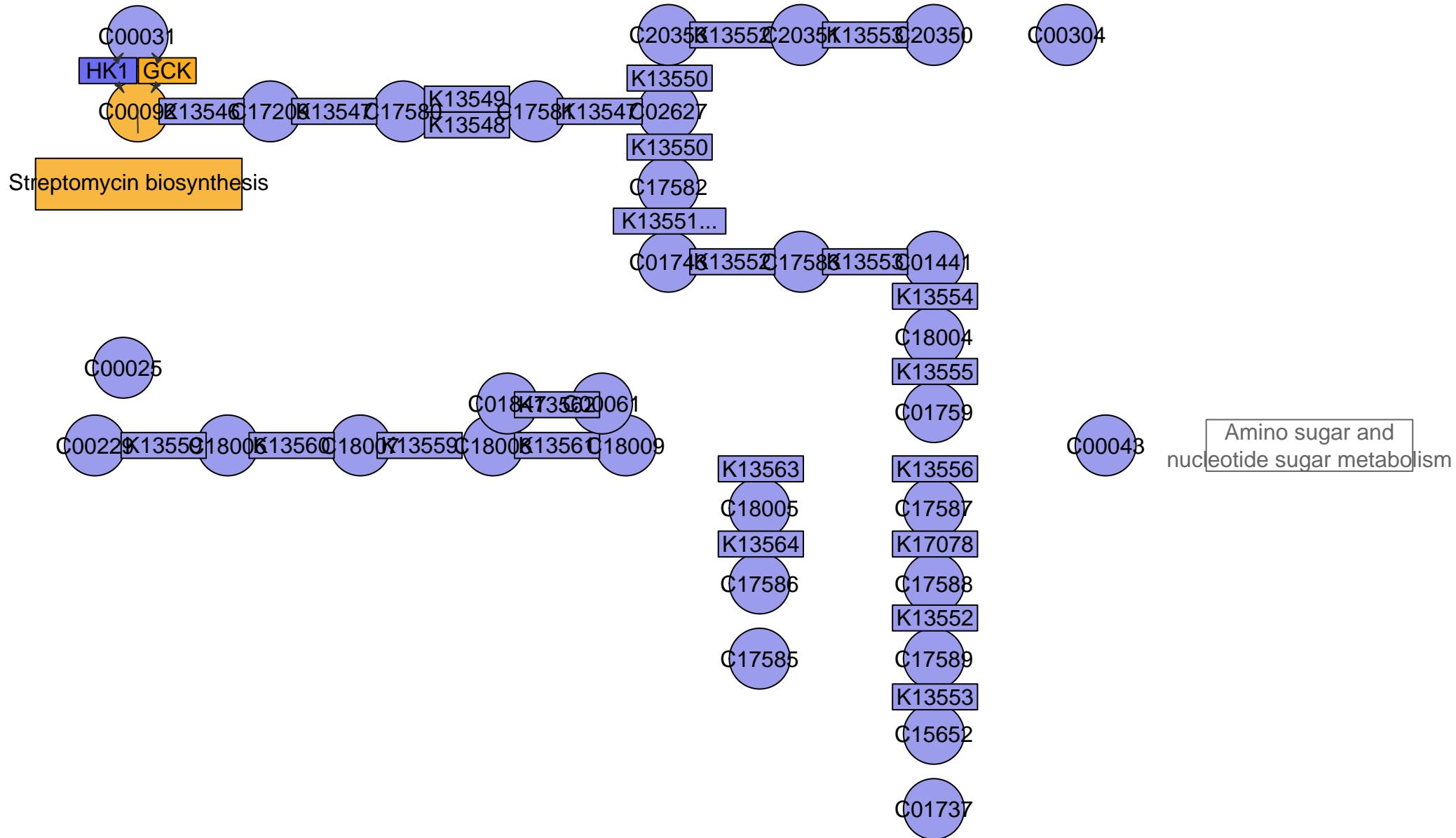
Butirosin and
neomycin biosynthesis
MPI-050



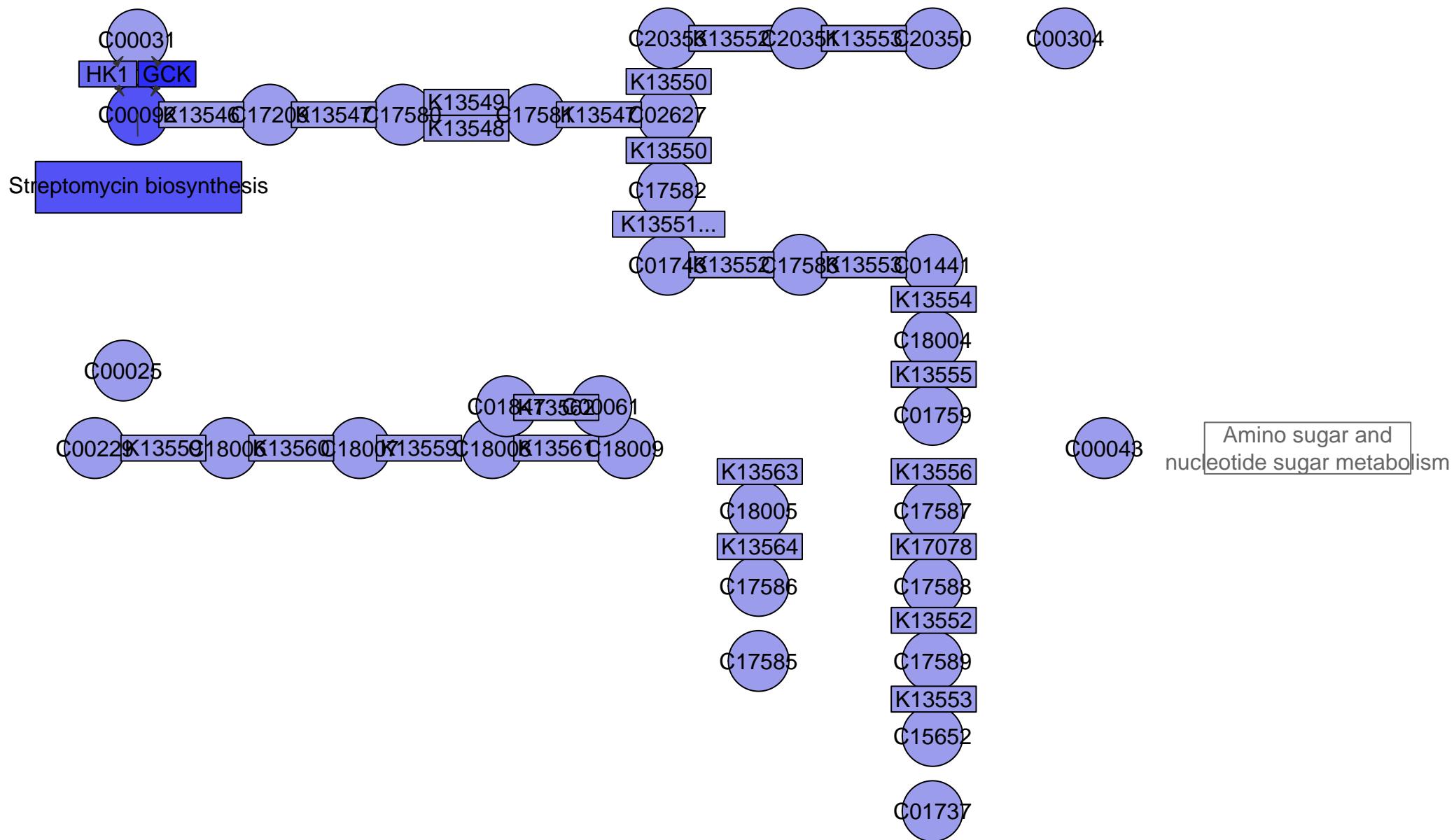
Butirosin and
neomycin biosynthesis
MPI-051



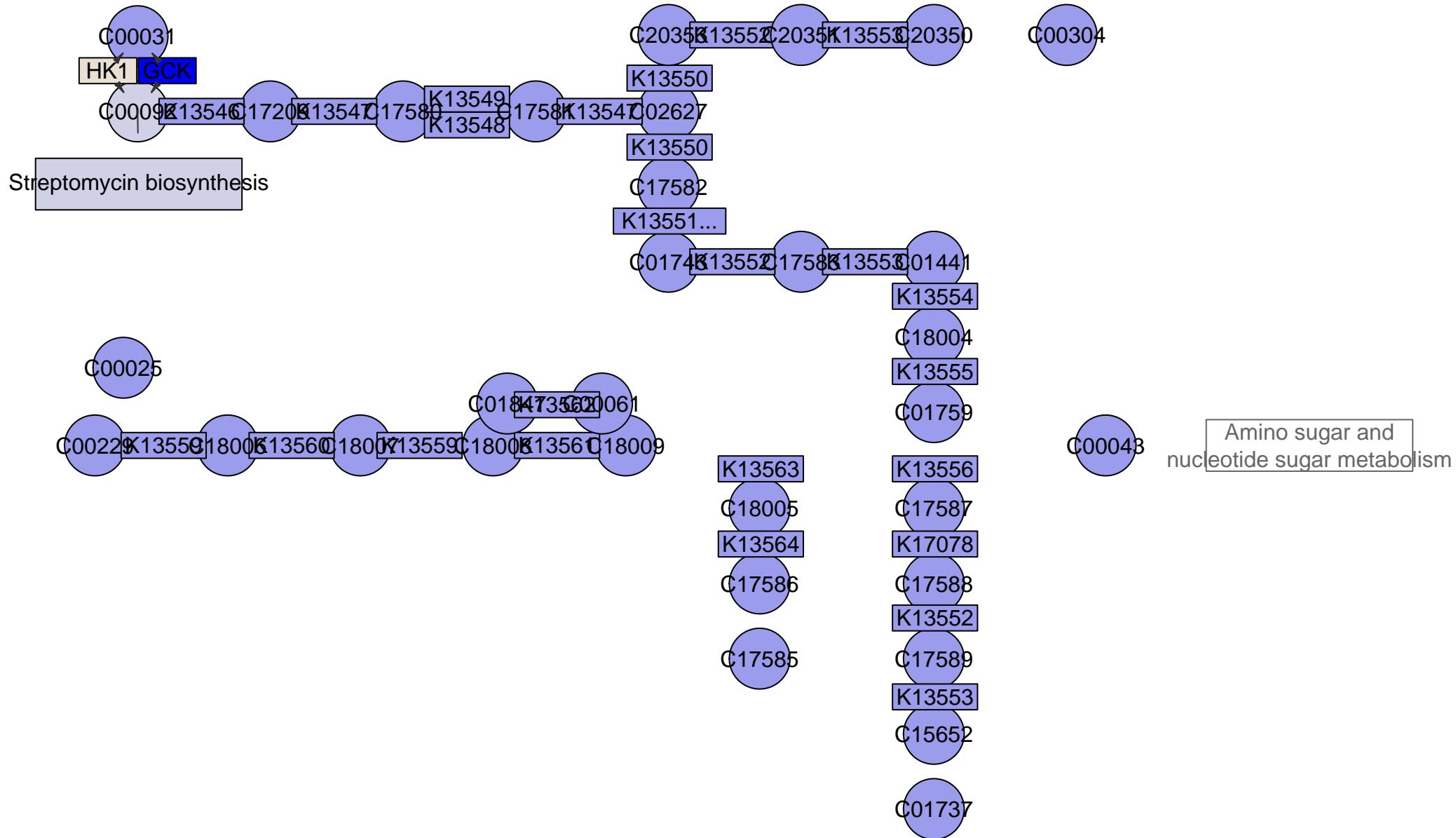
Butirosin and
neomycin biosynthesis
MPI-054



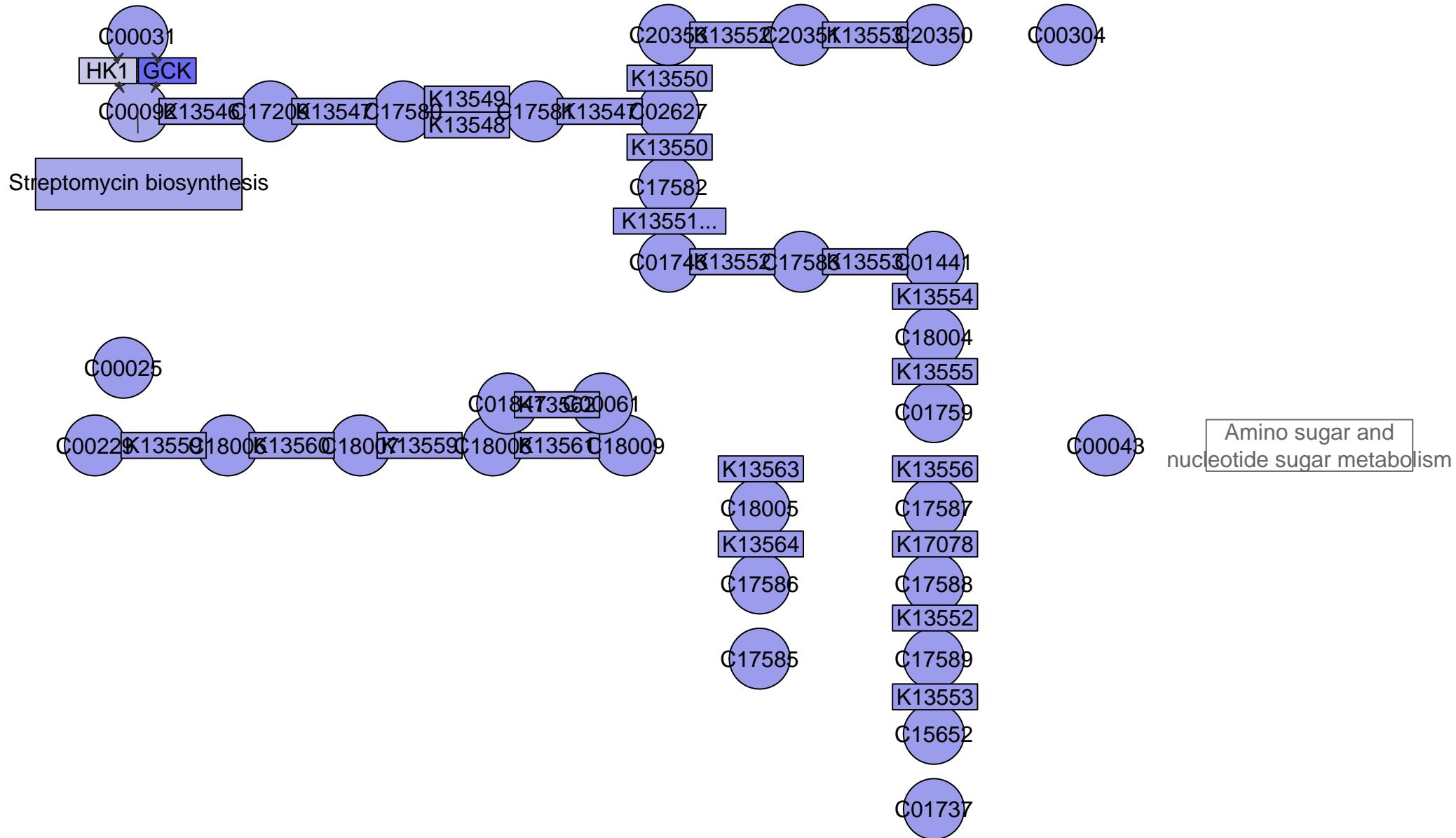
Butirosin and
neomycin biosynthesis
MPI-059



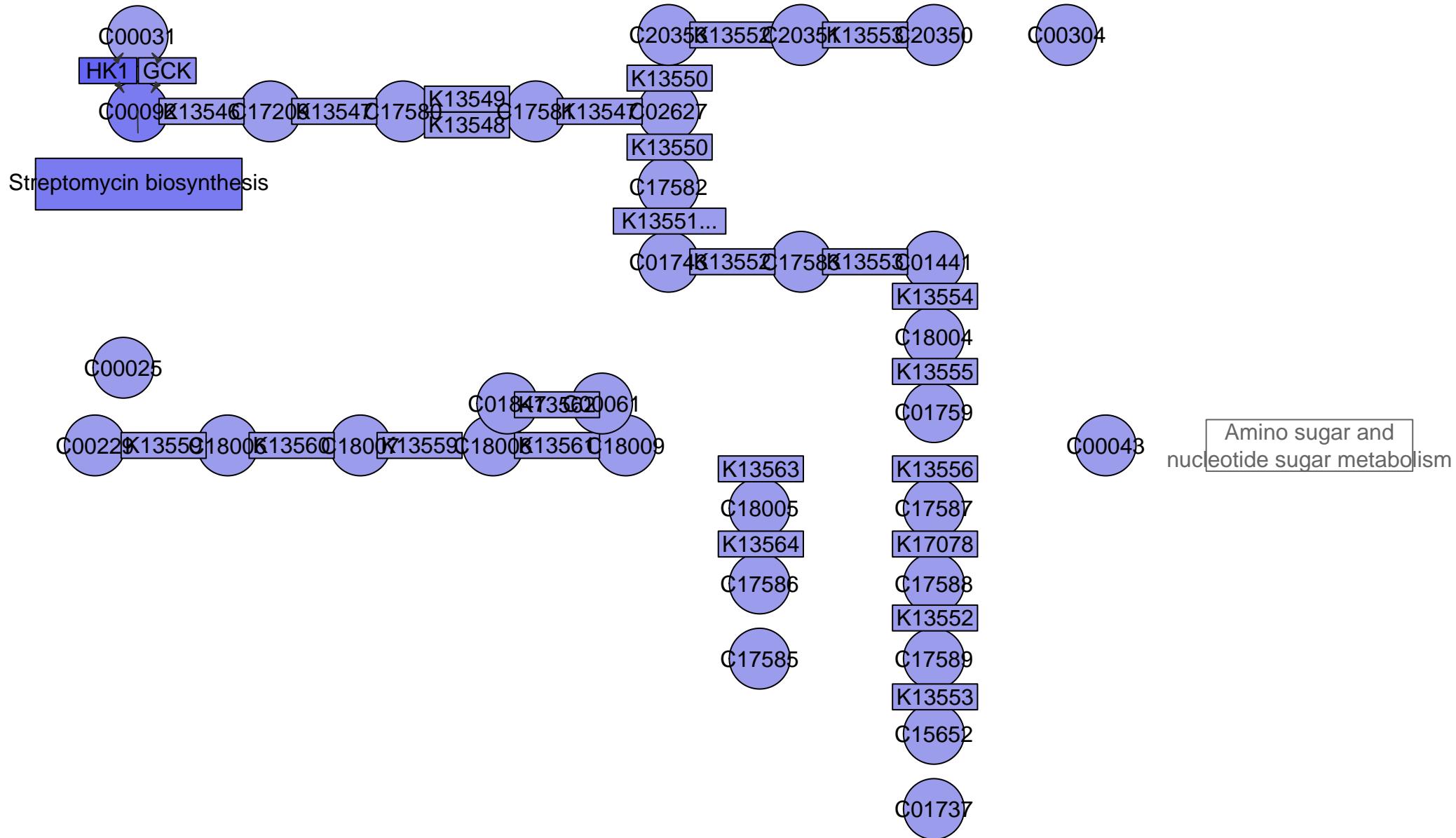
Butirosin and
neomycin biosynthesis
MPI-060



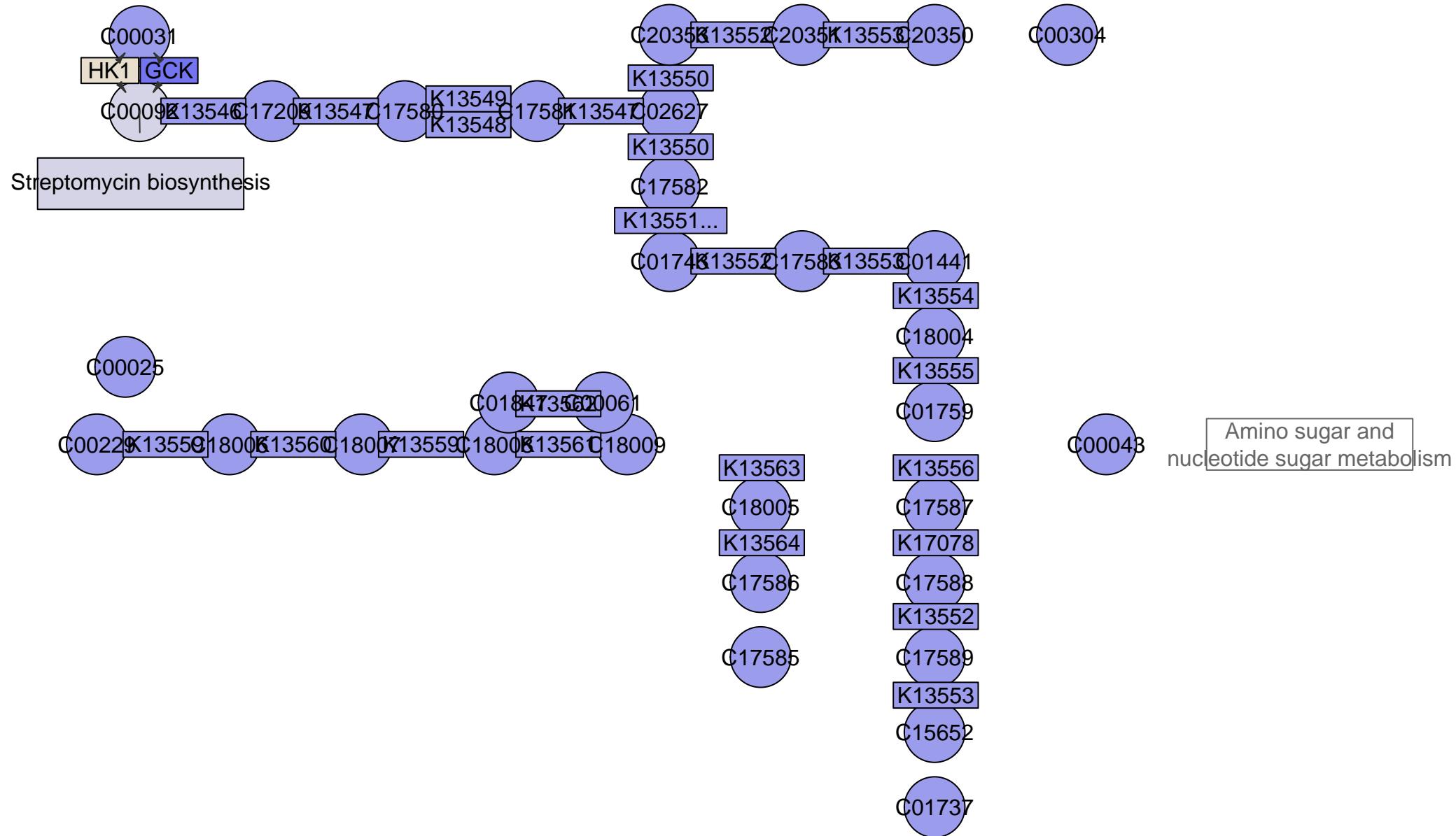
Butirosin and
neomycin biosynthesis
MPI-061



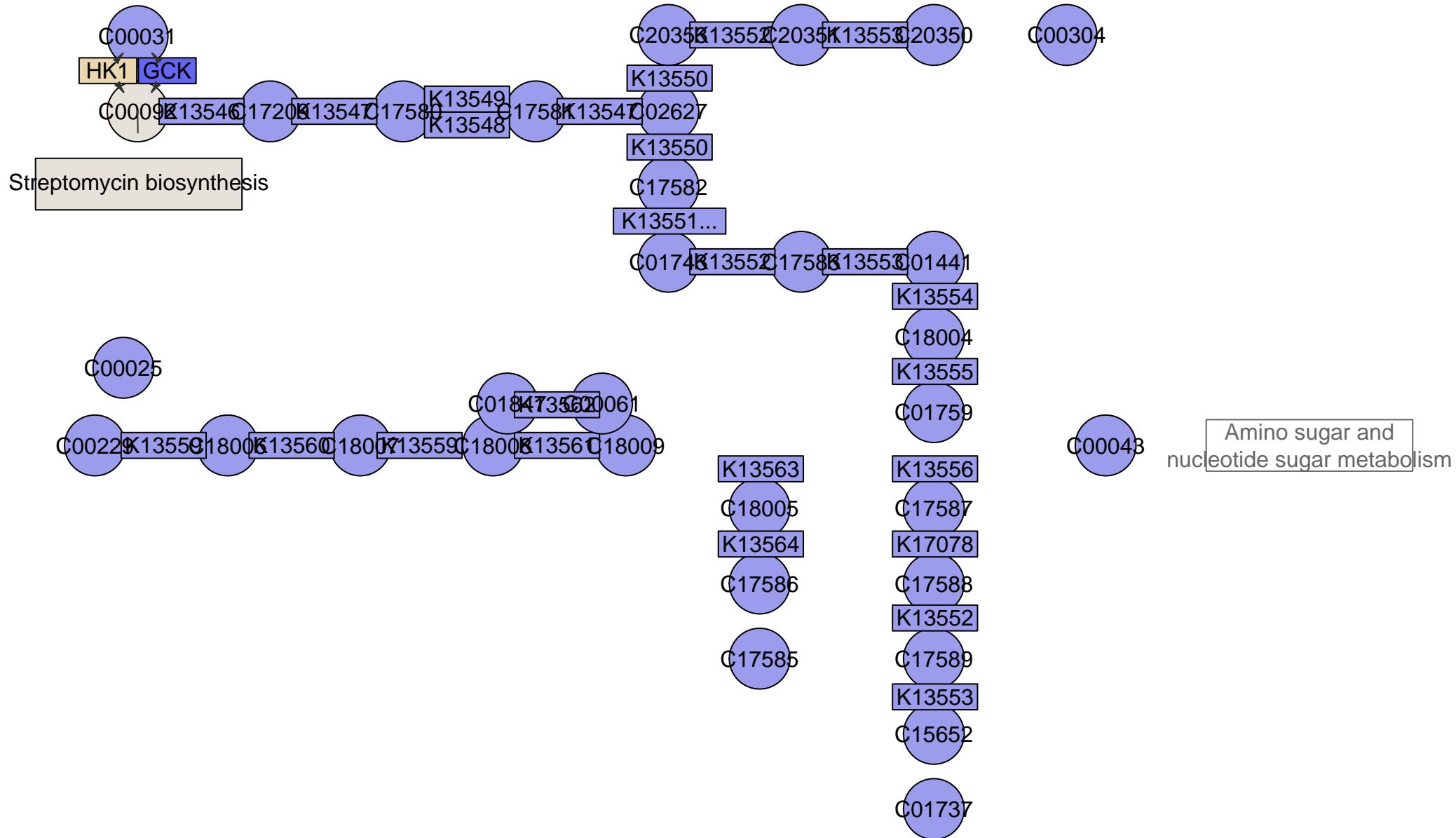
Butirosin and
neomycin biosynthesis
MPI-064



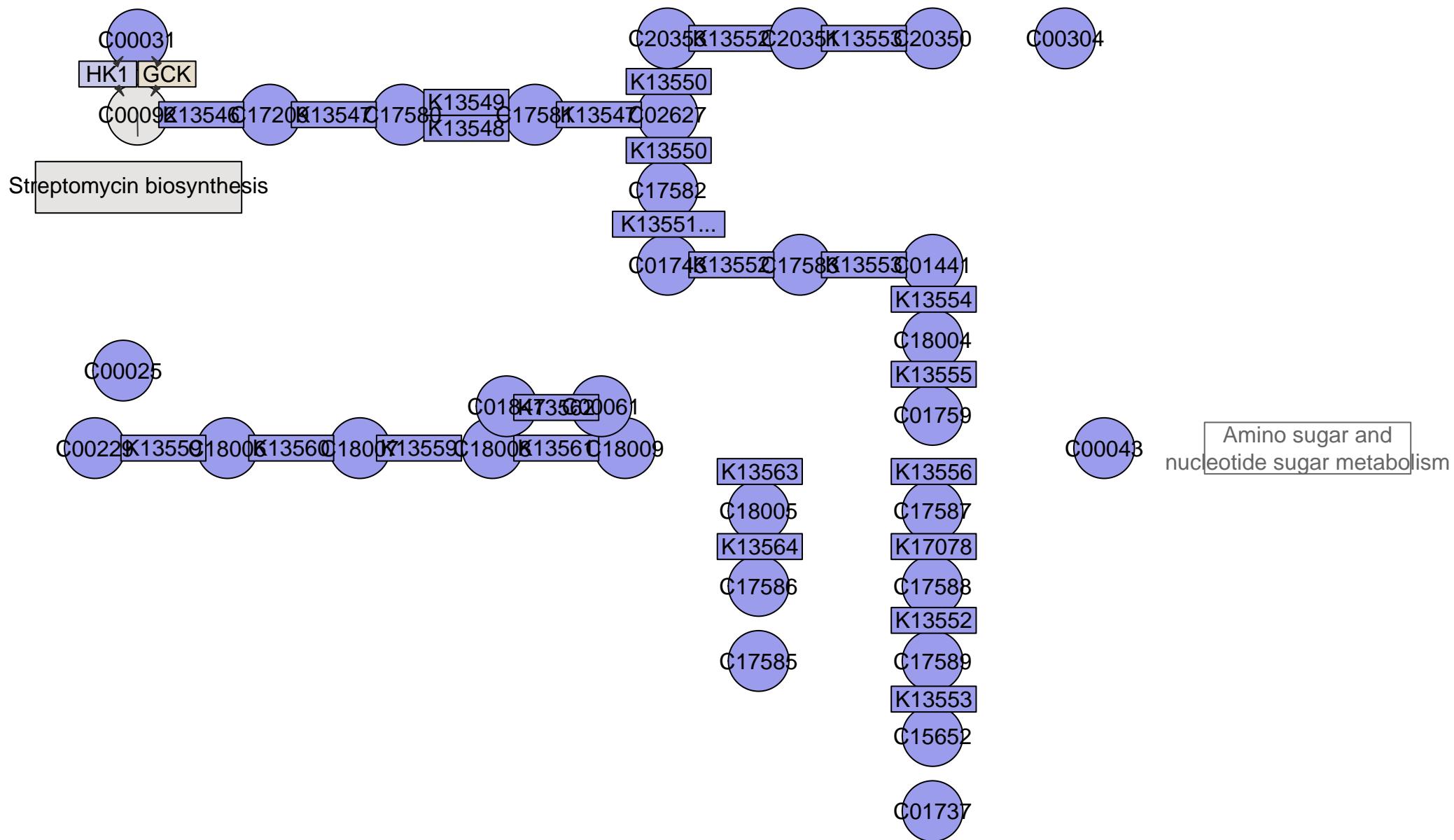
Butirosin and
neomycin biosynthesis
MPI-070



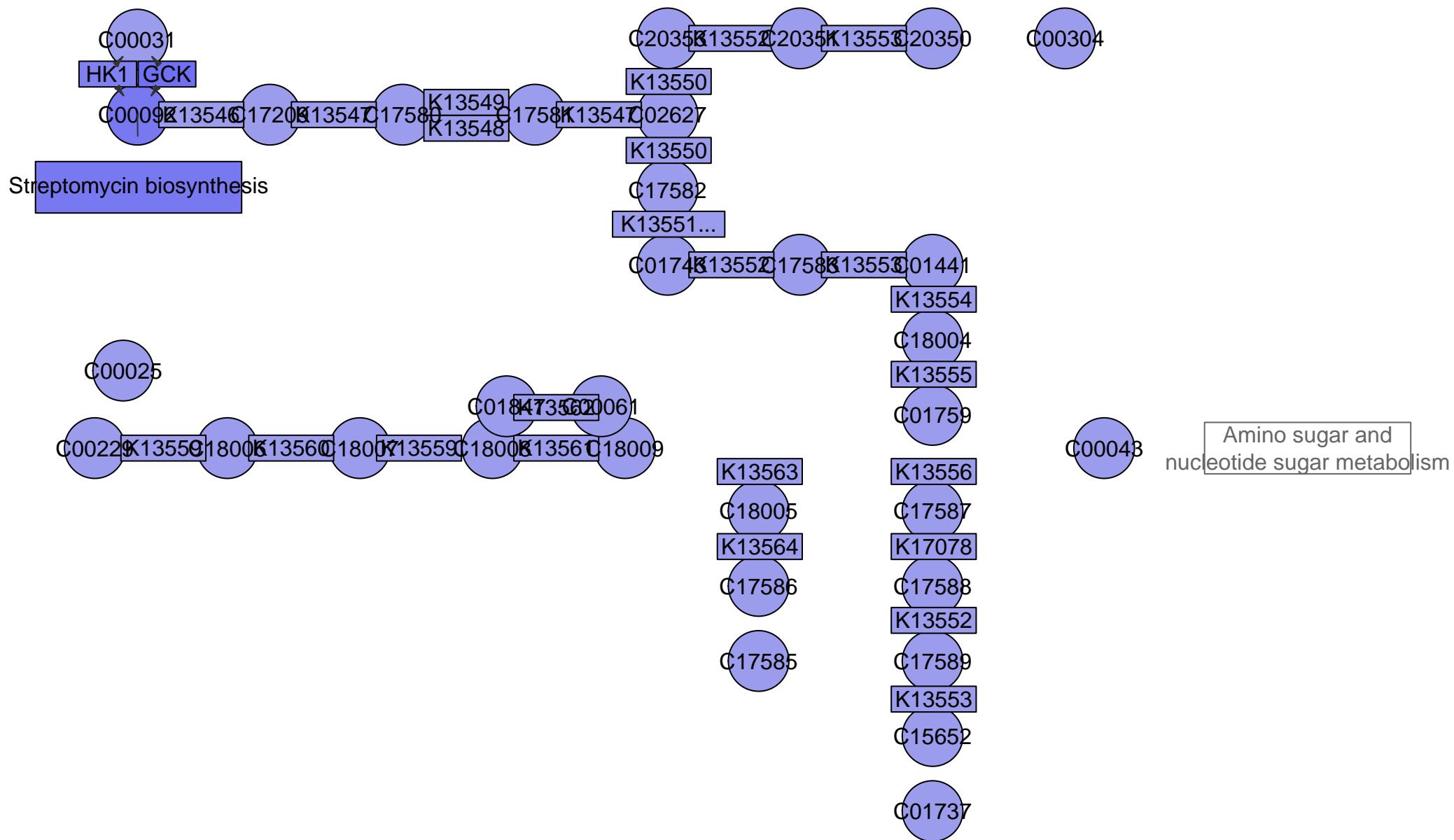
Butirosin and
neomycin biosynthesis
MPI-072



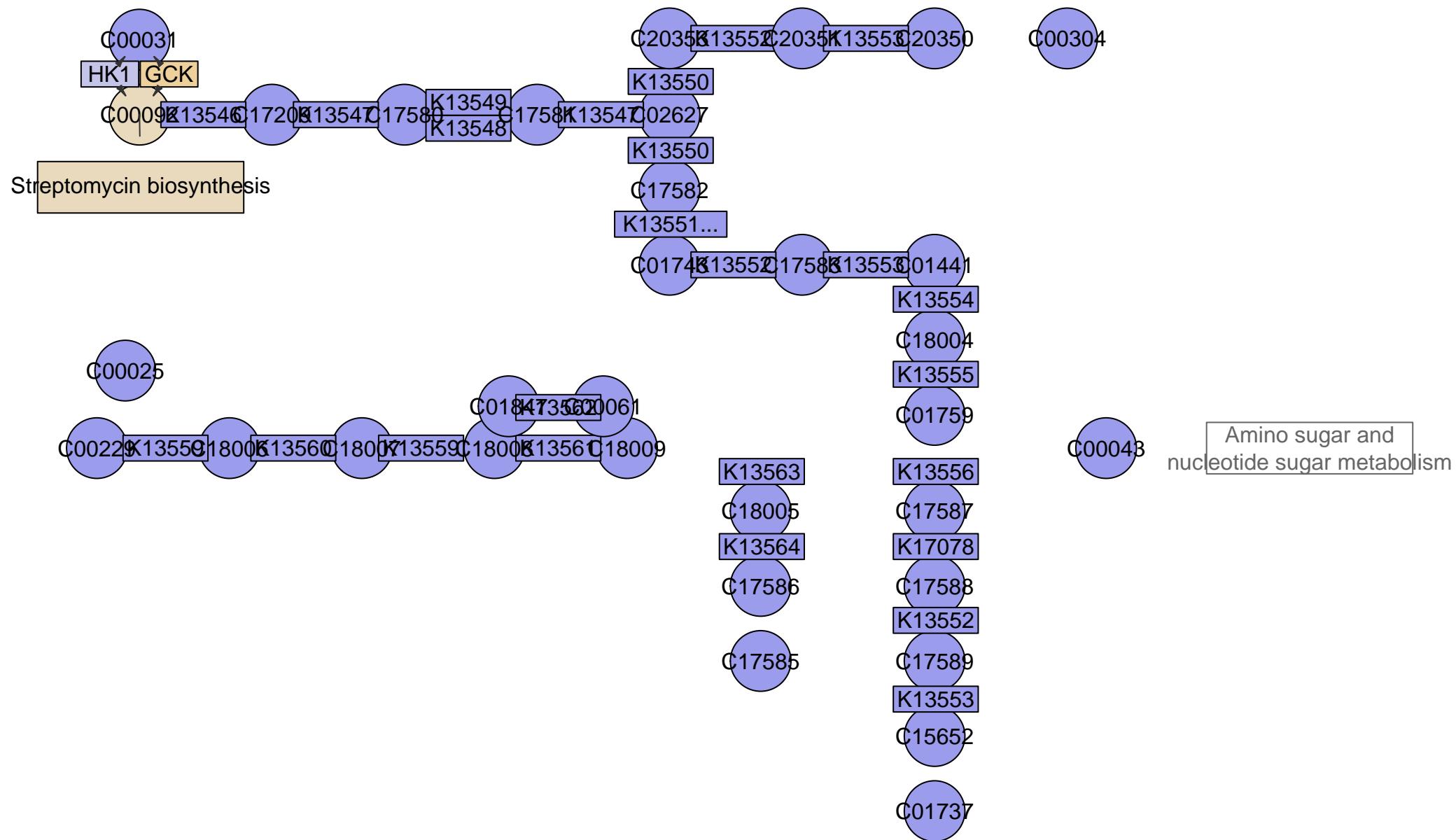
Butirosin and
neomycin biosynthesis
MPI-093



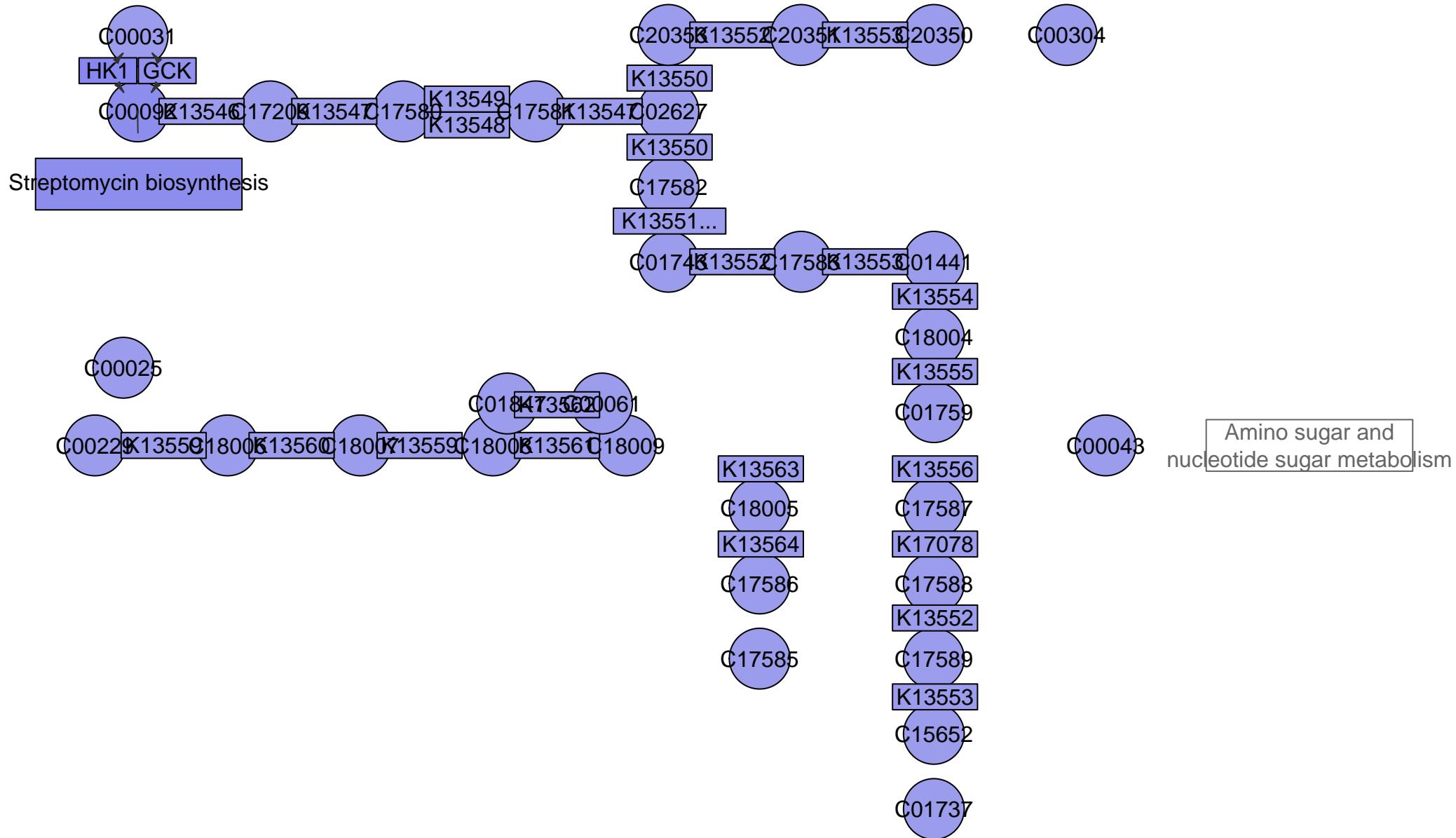
Butirosin and
neomycin biosynthesis
MPI-094



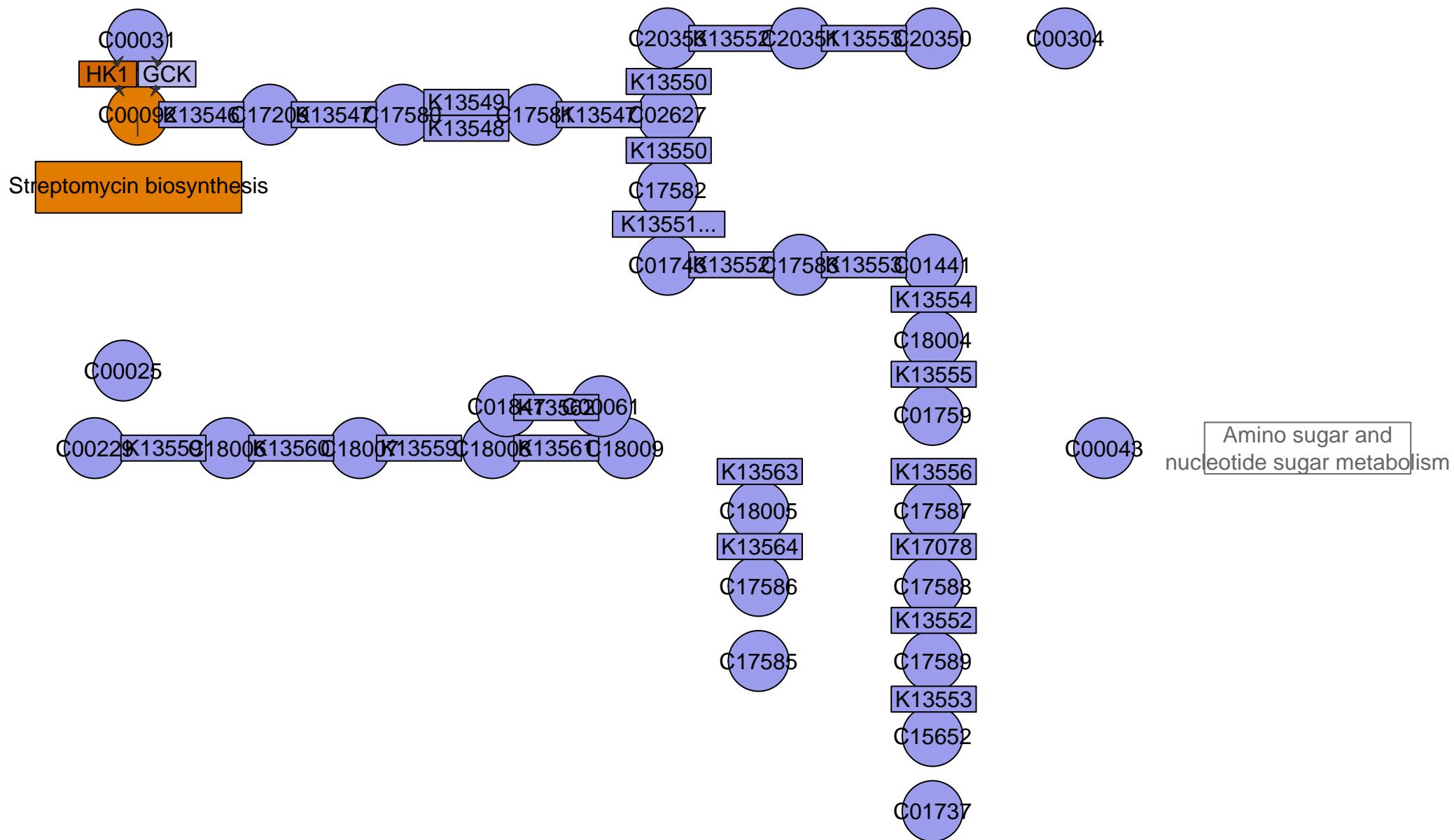
Butirosin and
neomycin biosynthesis
MPI-099



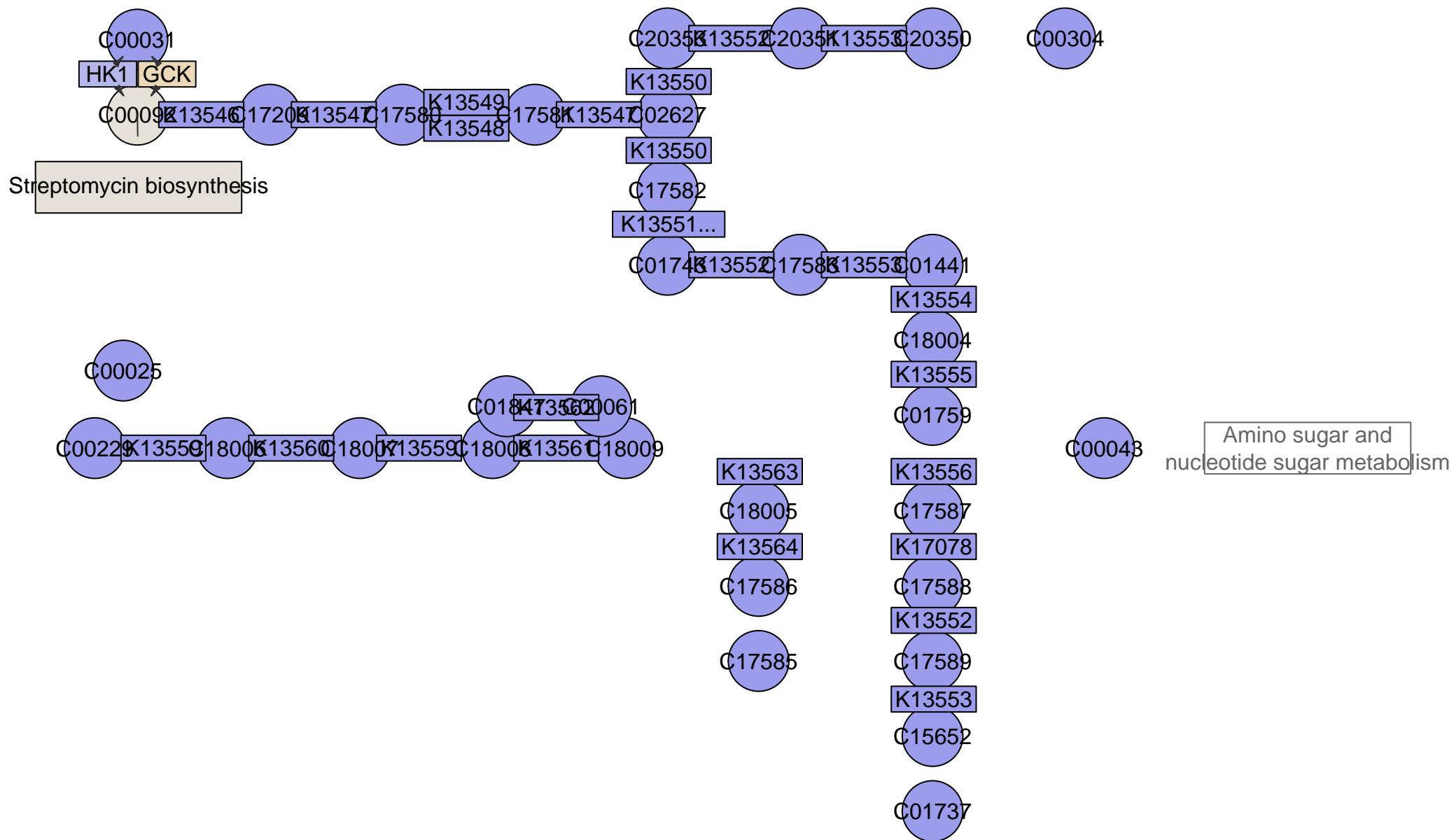
Butirosin and
neomycin biosynthesis
MPI-104



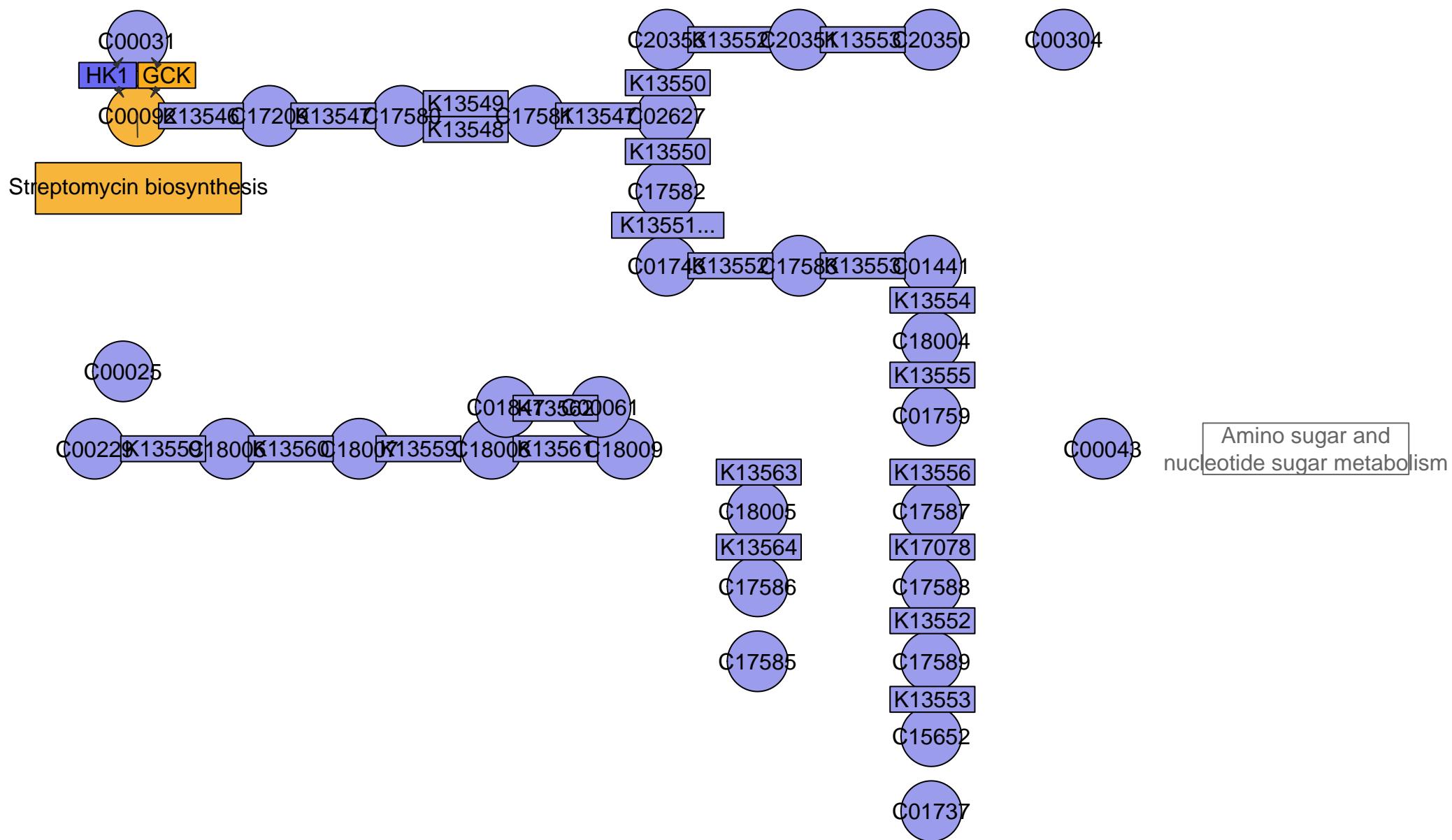
Butirosin and
neomycin biosynthesis
MPI-107



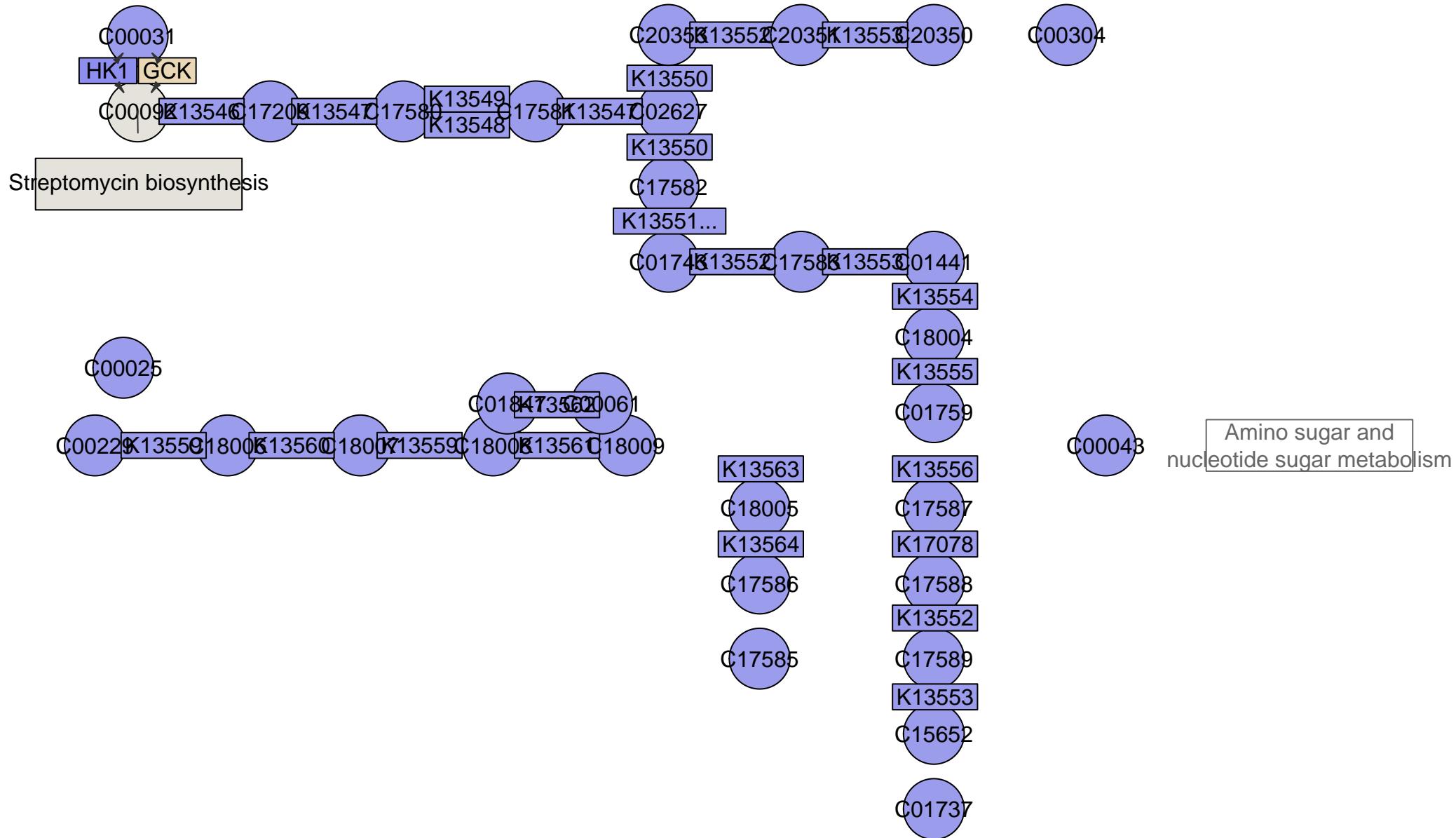
Butirosin and
neomycin biosynthesis
MPI-112



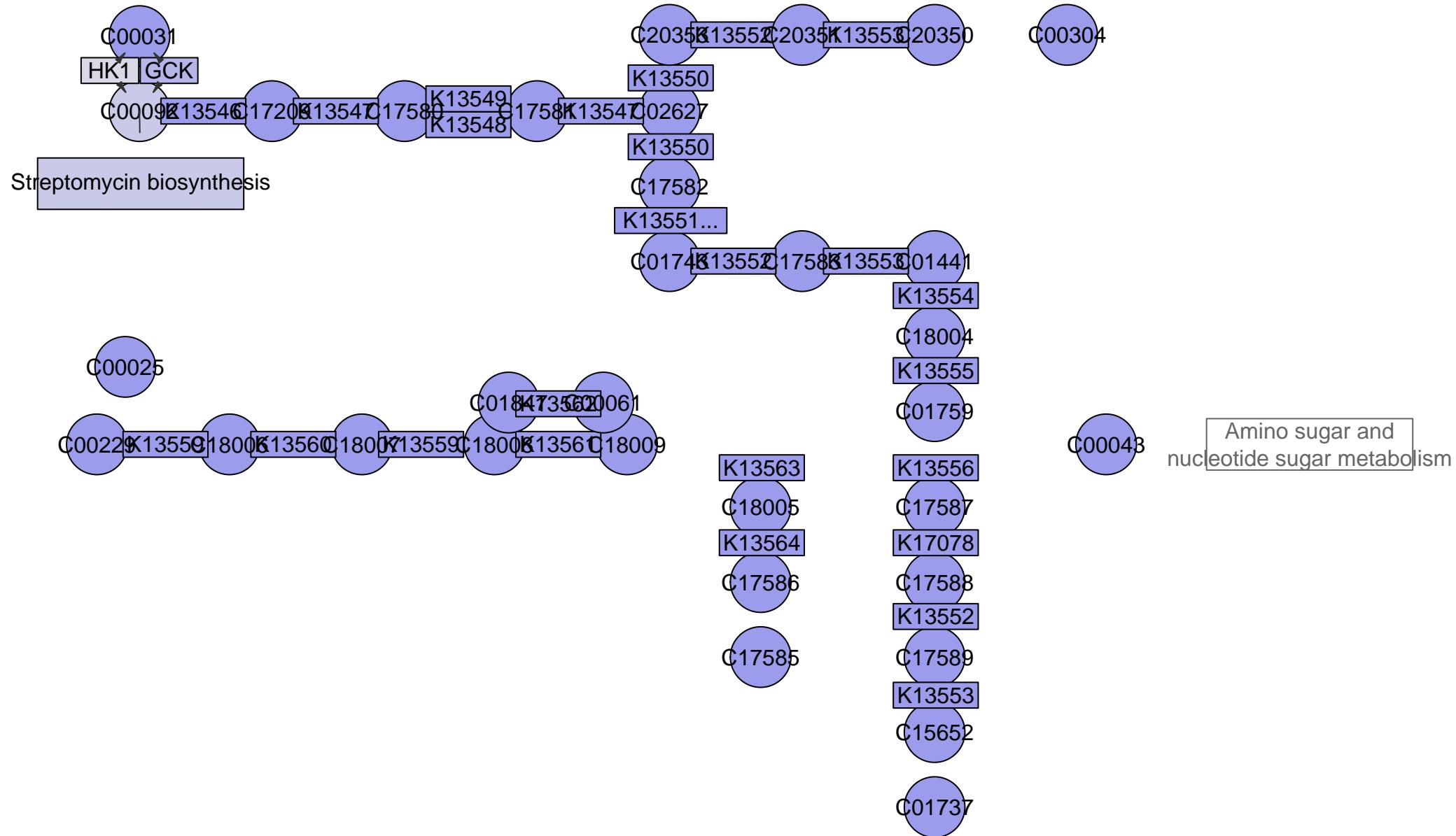
Butirosin and
neomycin biosynthesis
MPI-116



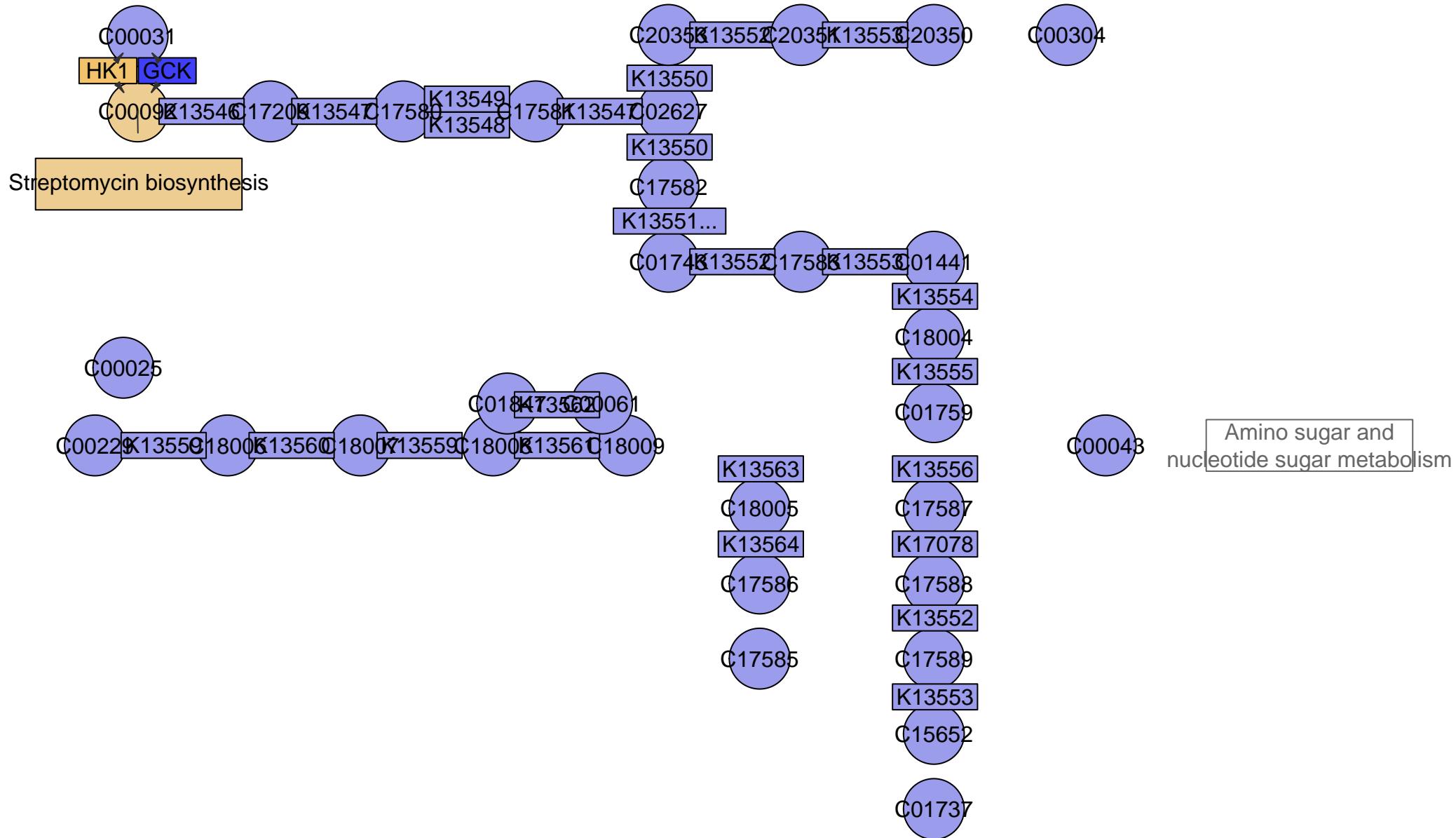
Butirosin and
neomycin biosynthesis
MPI-117



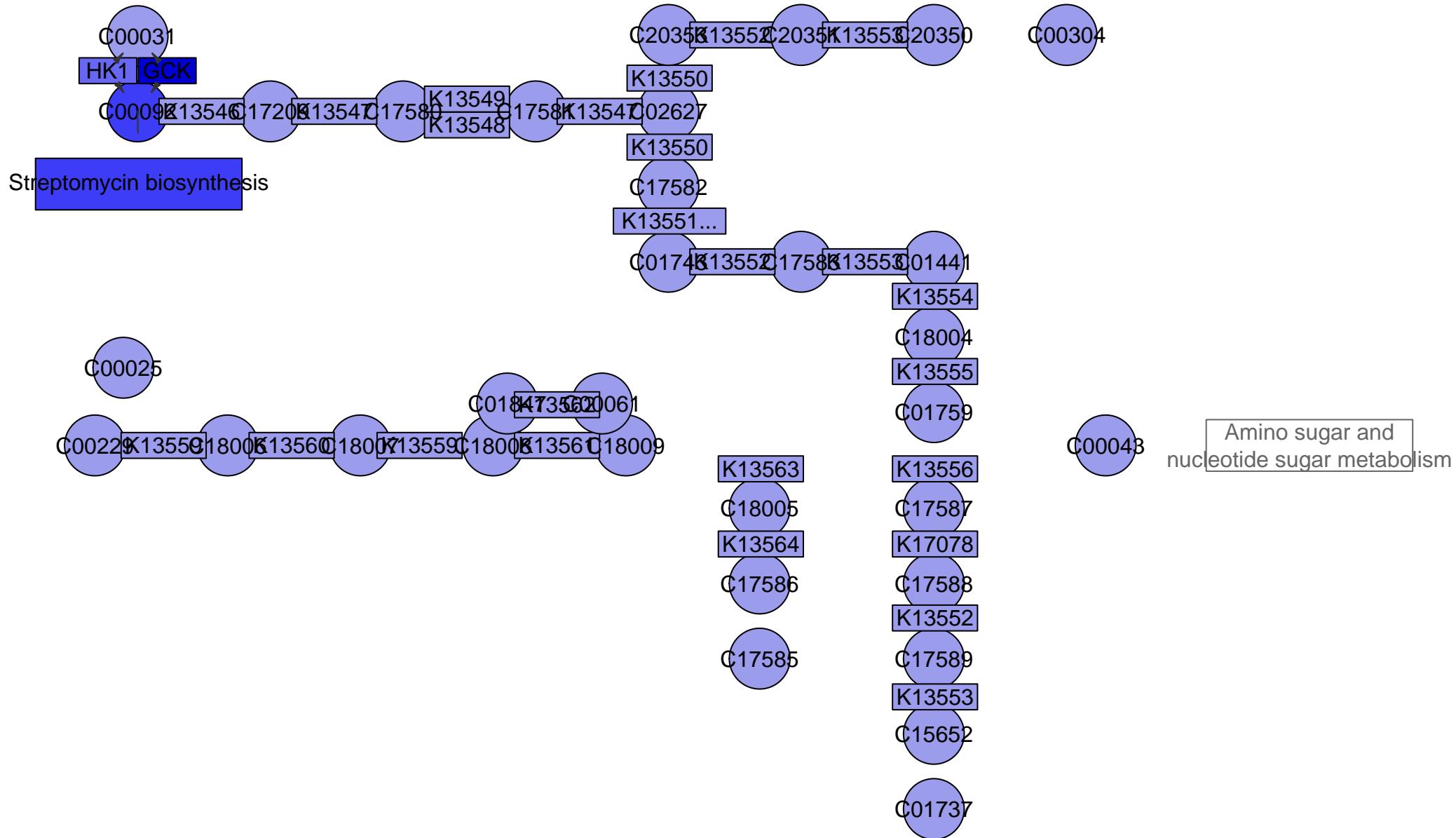
Butirosin and
neomycin biosynthesis
MPI-120



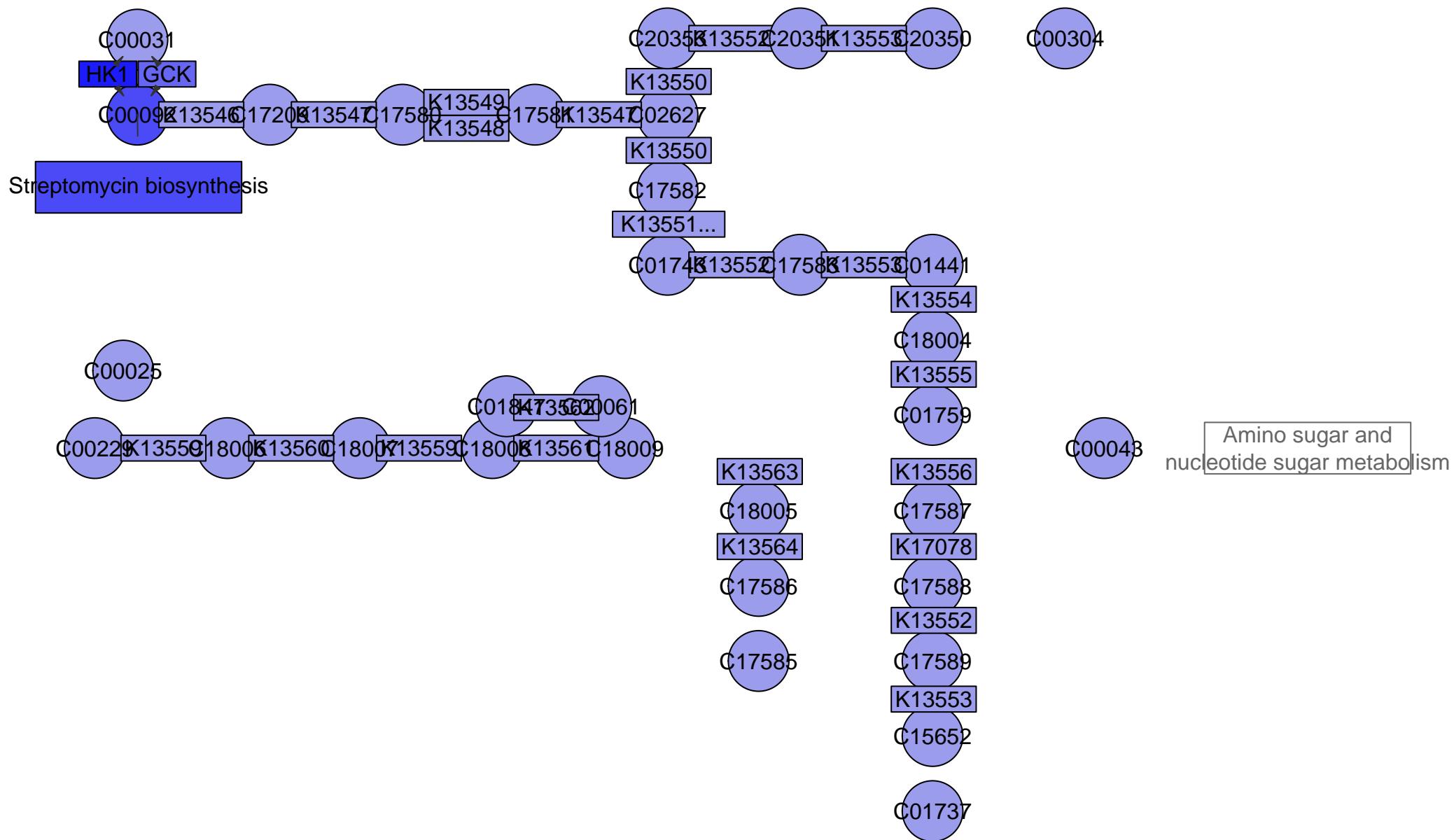
Butirosin and
neomycin biosynthesis
MPI-121



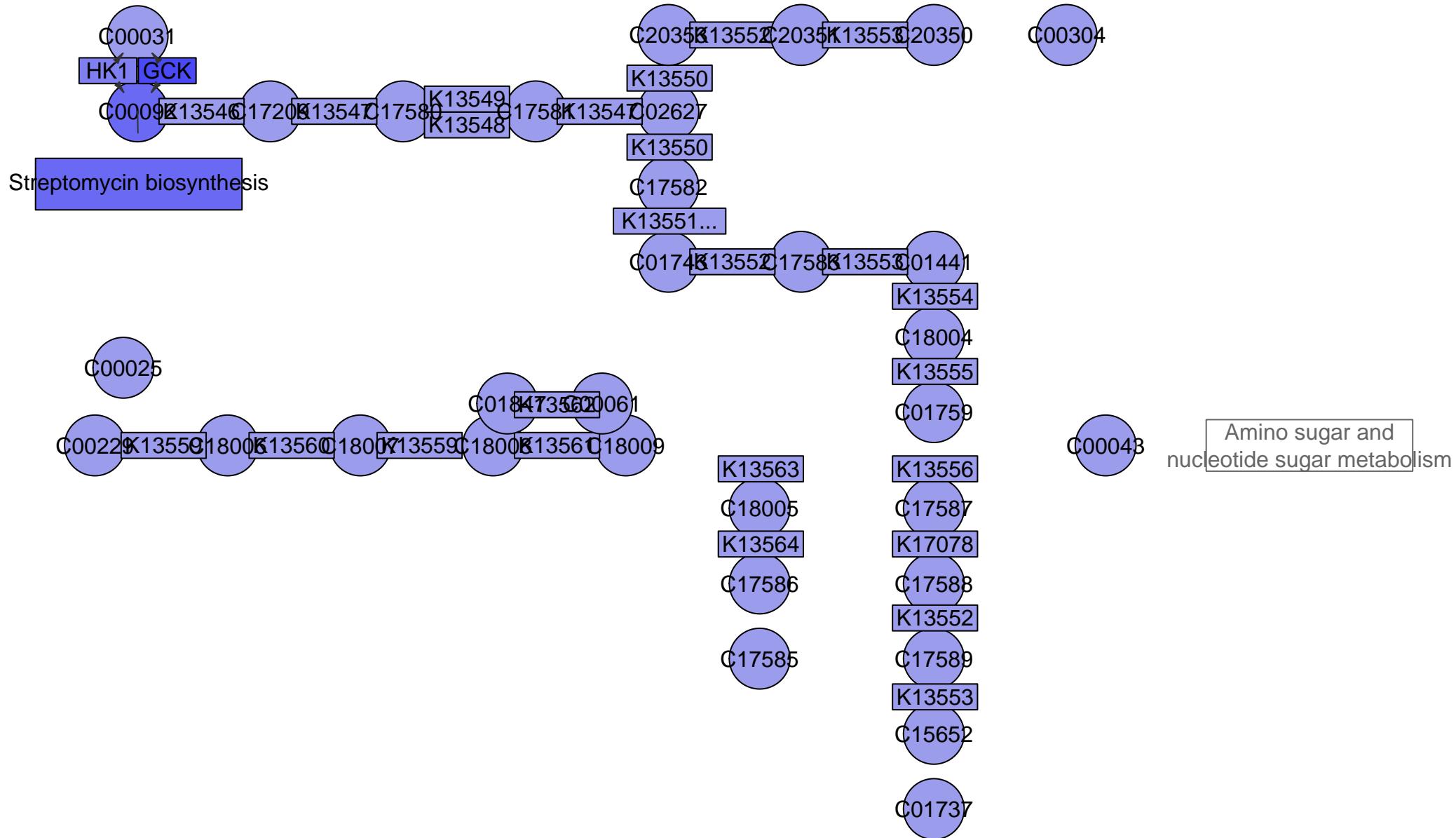
Butirosin and
neomycin biosynthesis
MPI-124



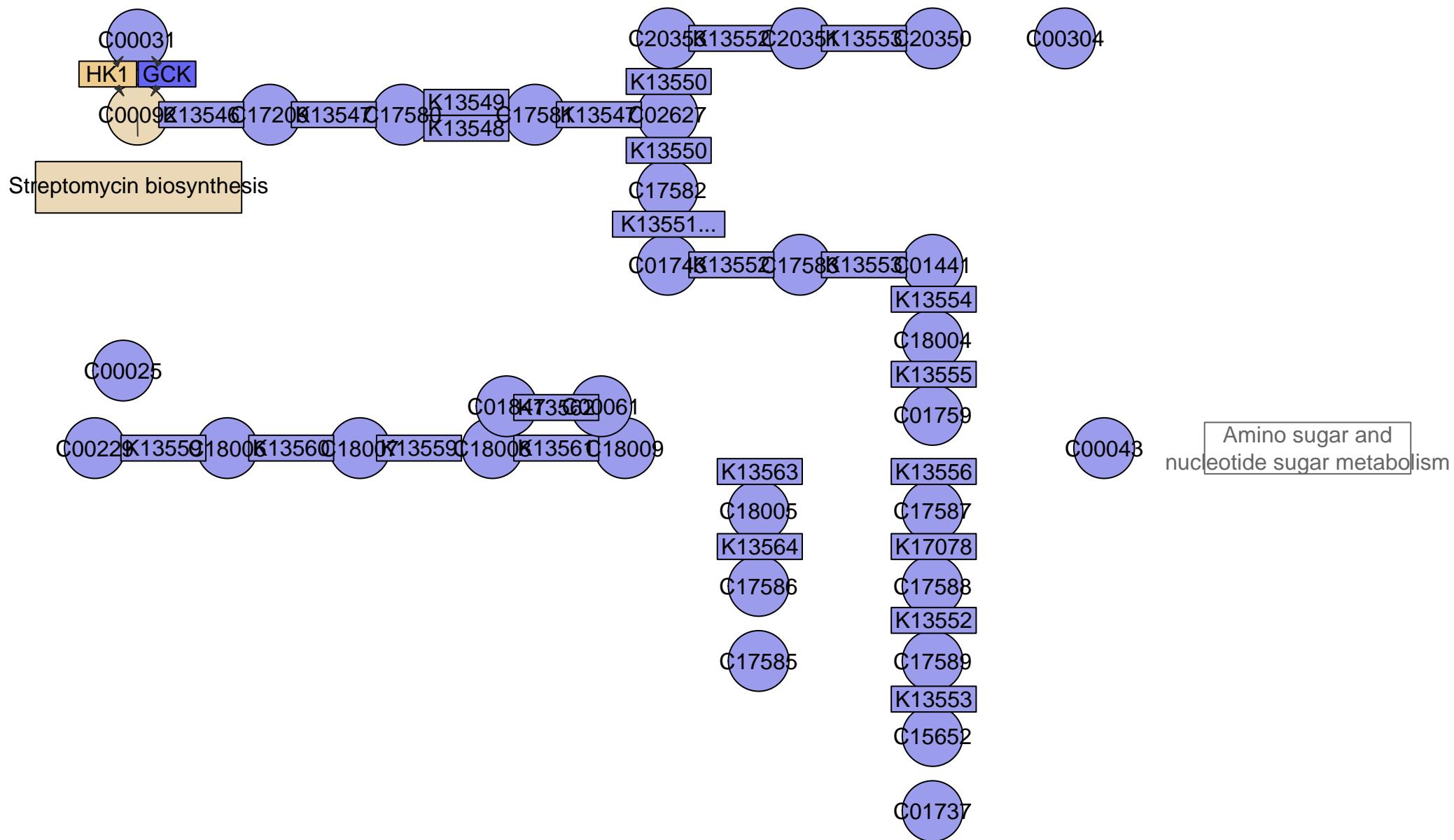
Butirosin and
neomycin biosynthesis
MPI-126



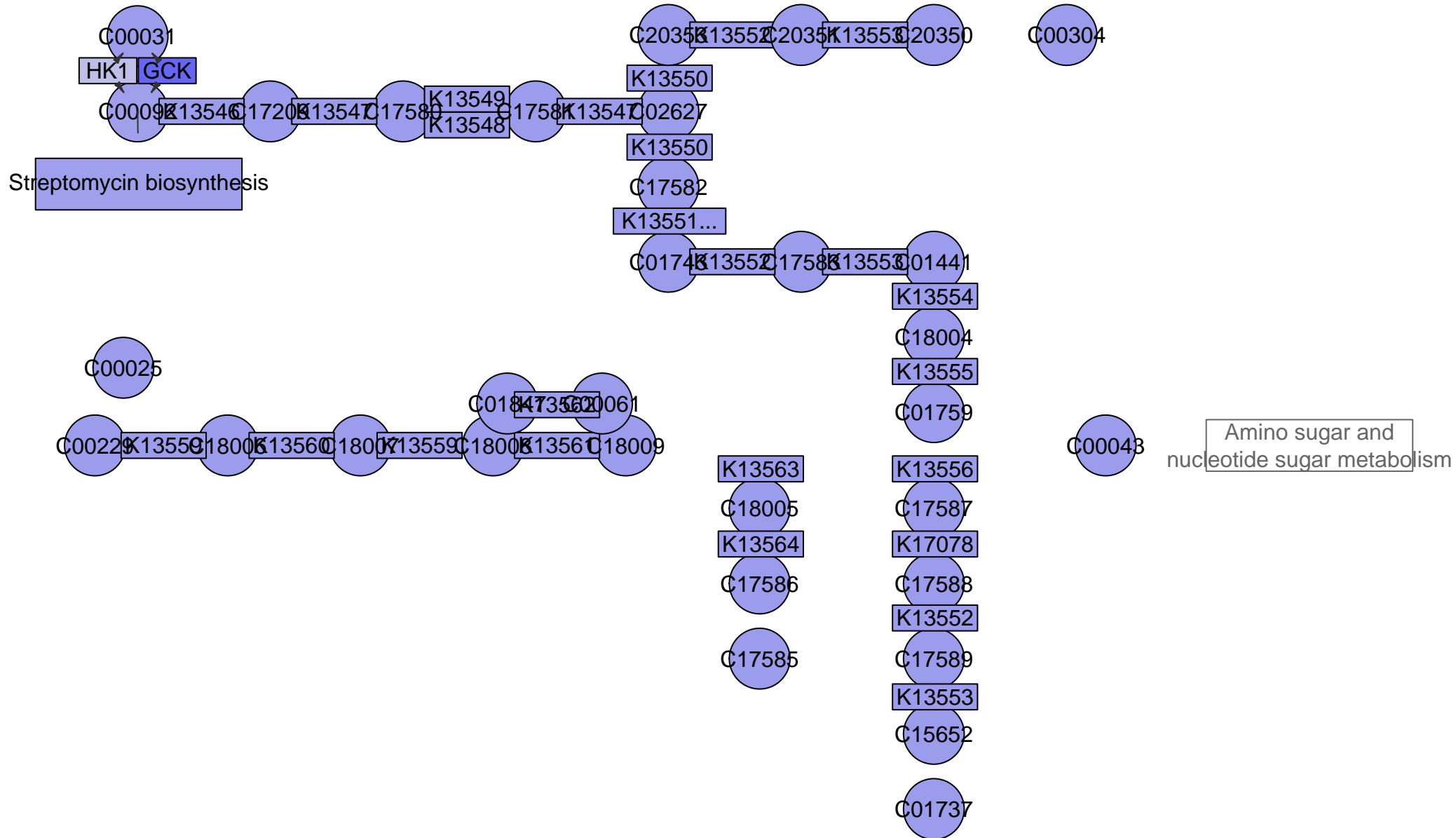
Butirosin and
neomycin biosynthesis
MPI-131



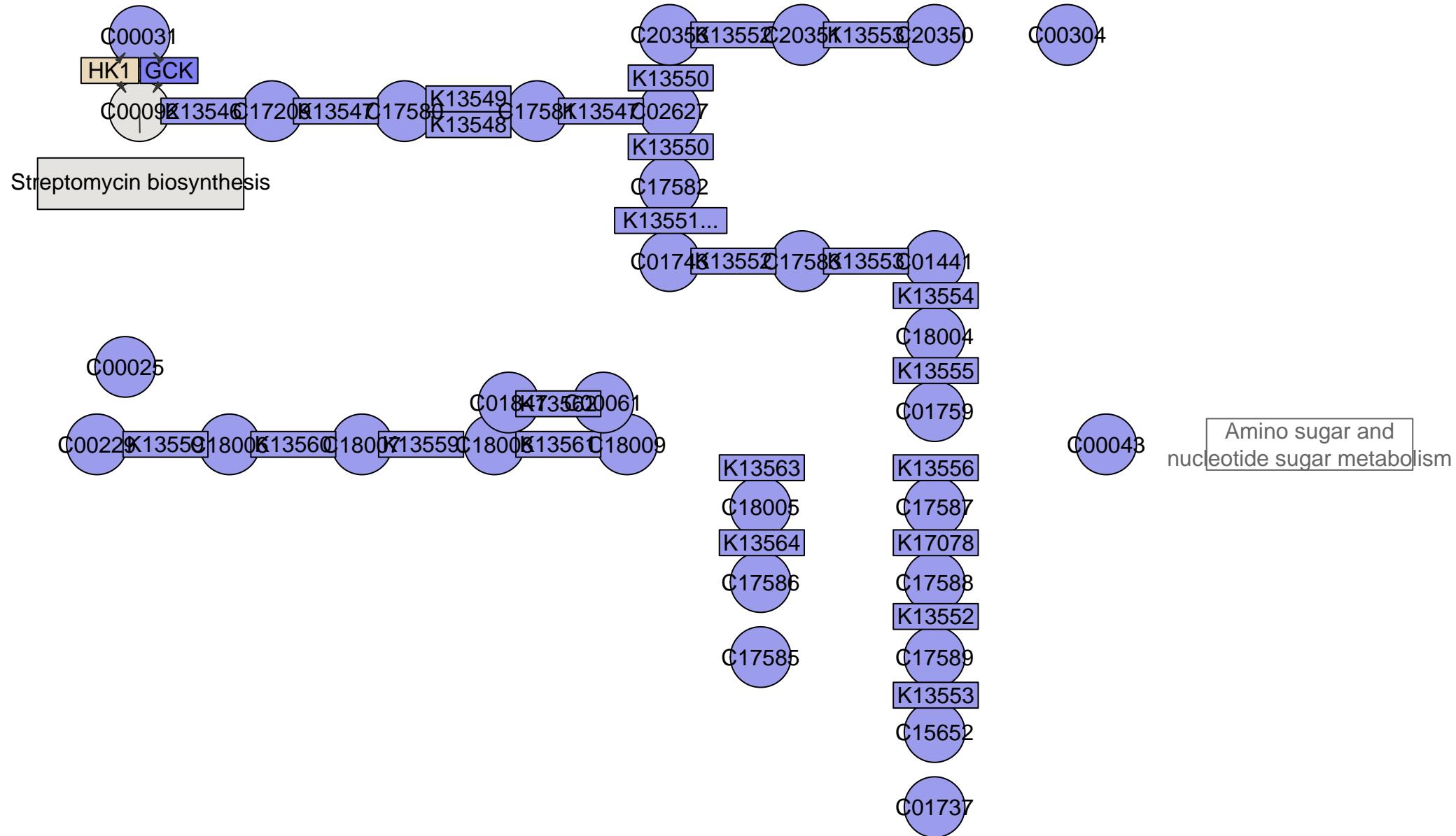
Butirosin and
neomycin biosynthesis
MPI-143



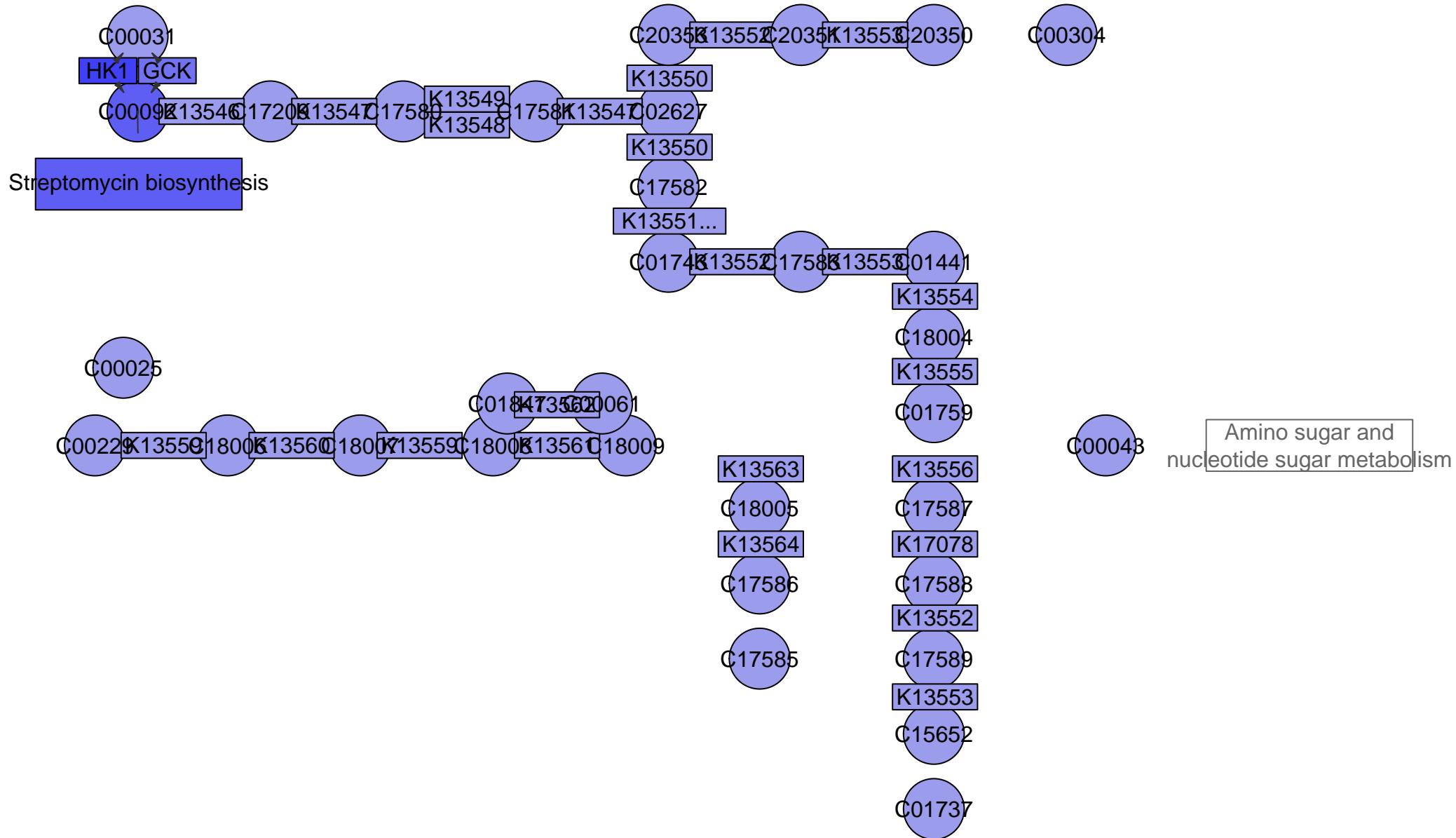
Butirosin and
neomycin biosynthesis
MPI-148



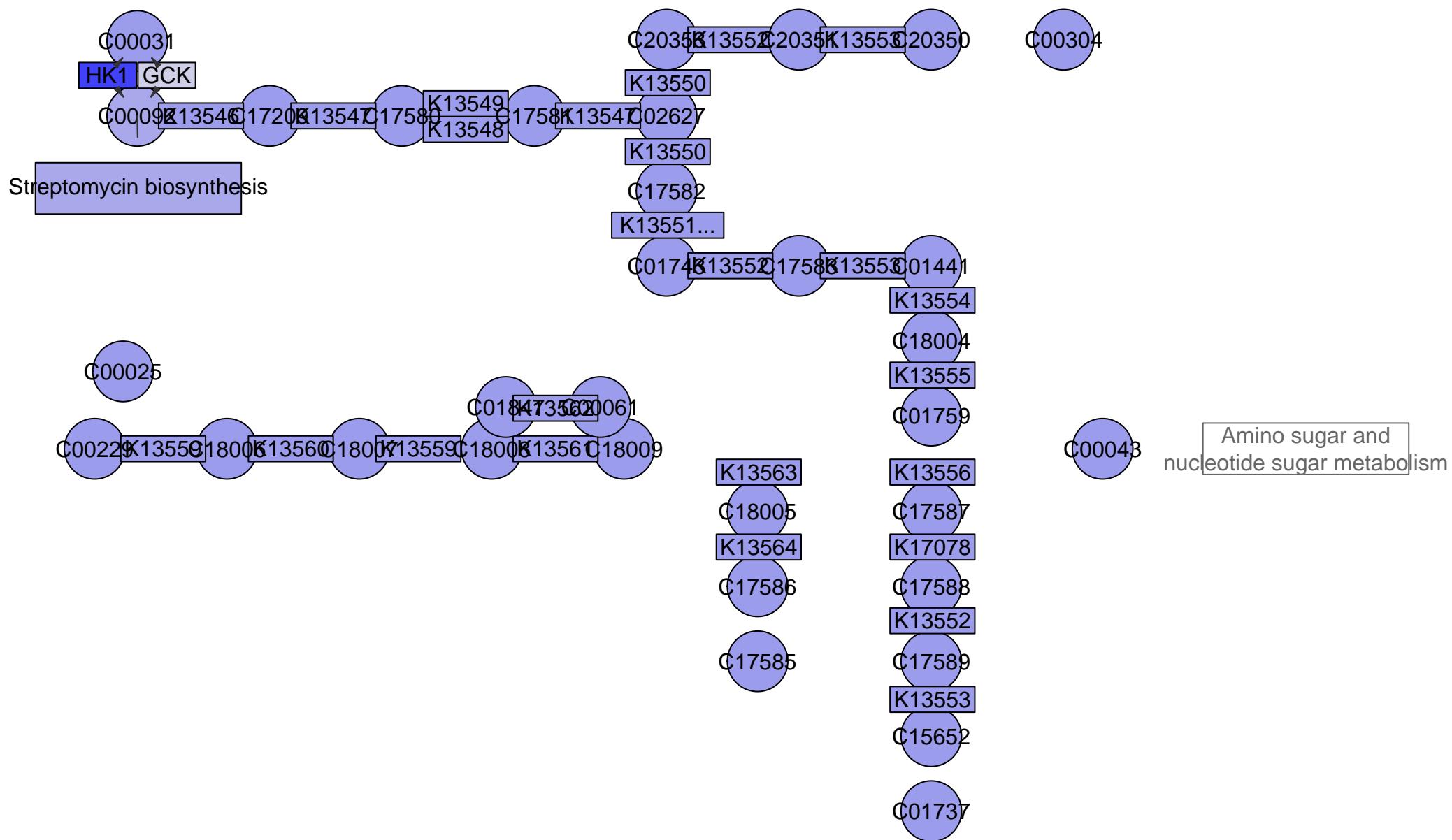
Butirosin and
neomycin biosynthesis
MPI-161



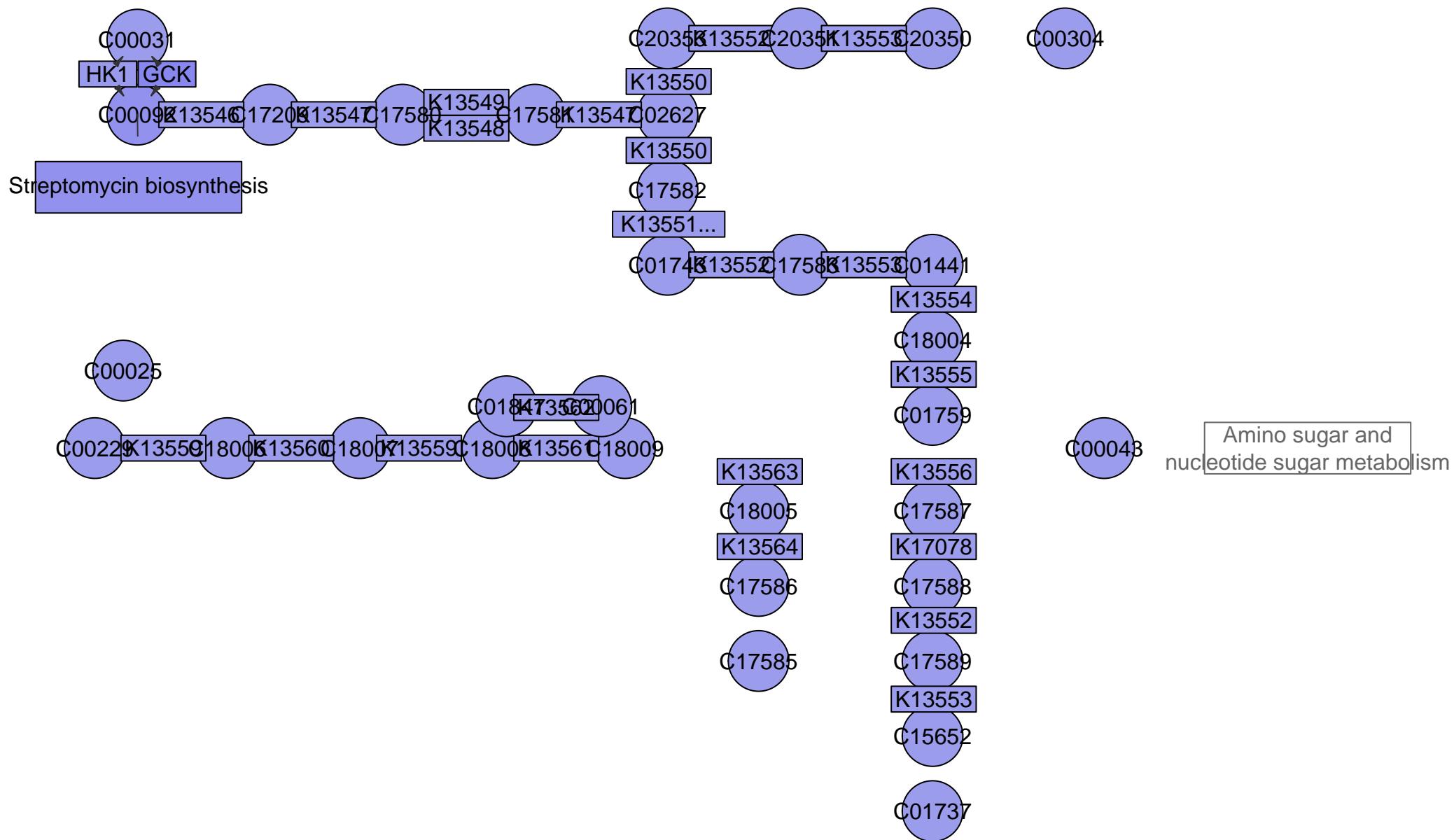
Butirosin and
neomycin biosynthesis
MPI-162



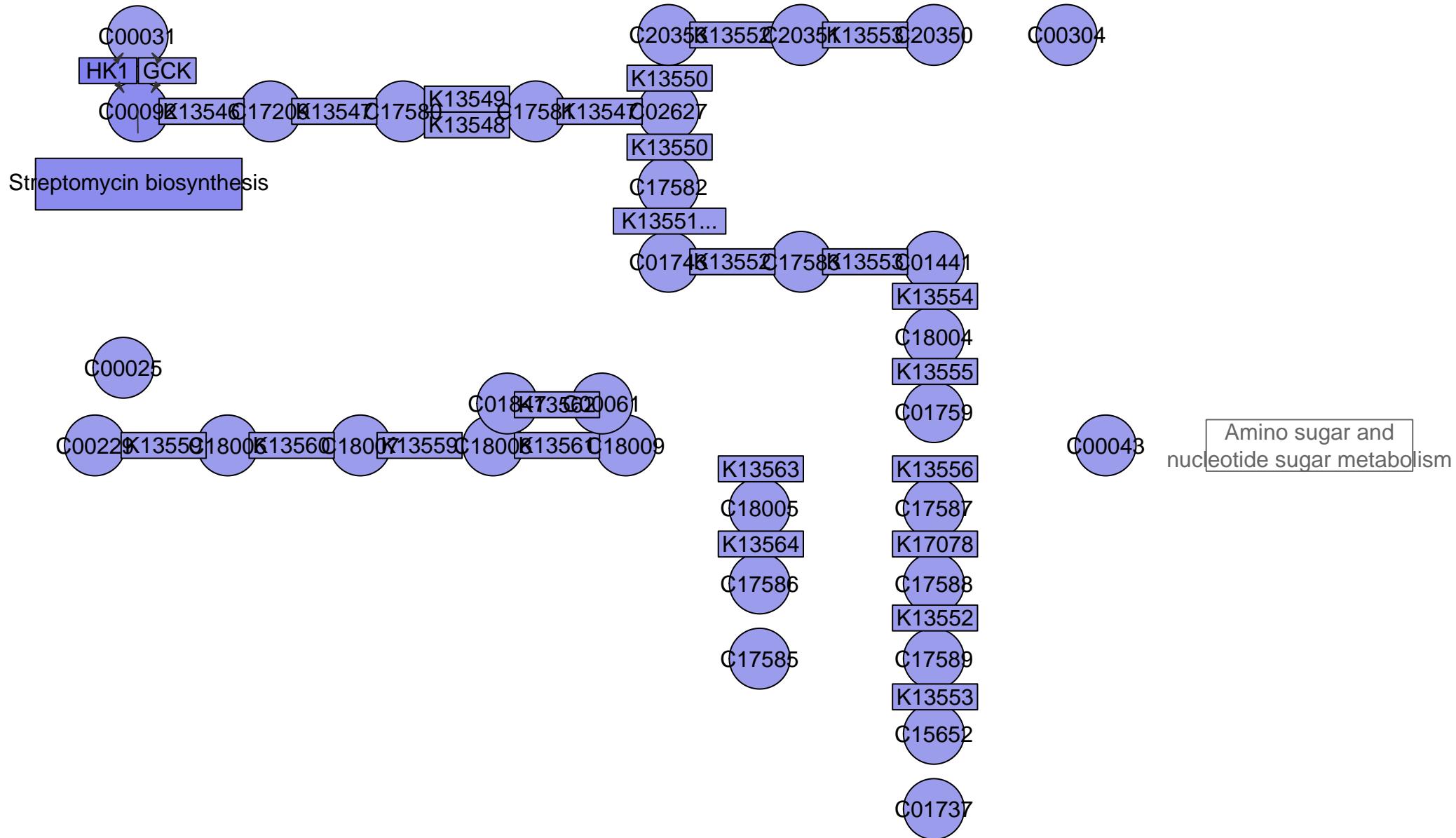
Butirosin and
neomycin biosynthesis
MPI-165



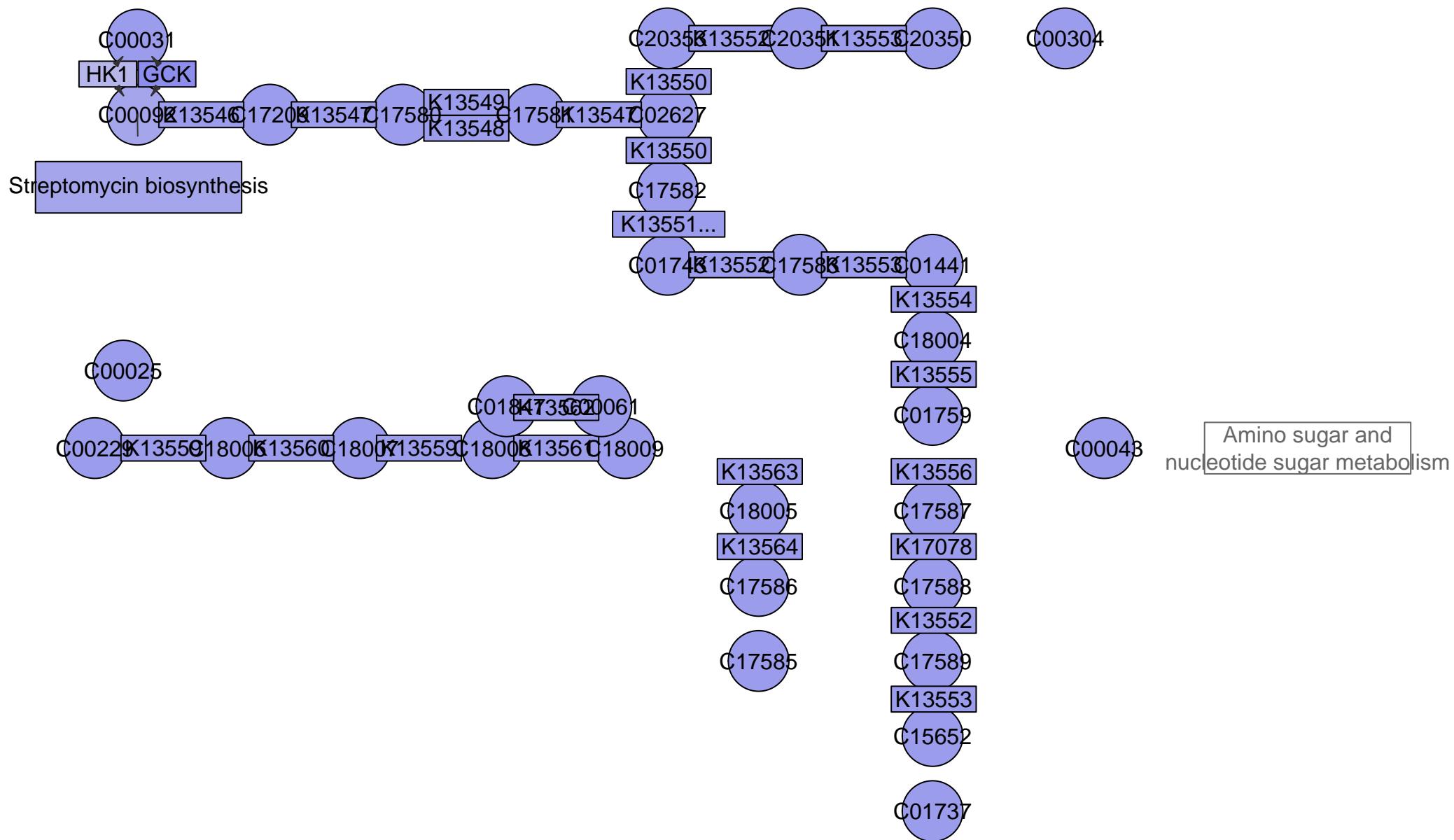
Butirosin and
neomycin biosynthesis
MPI-169



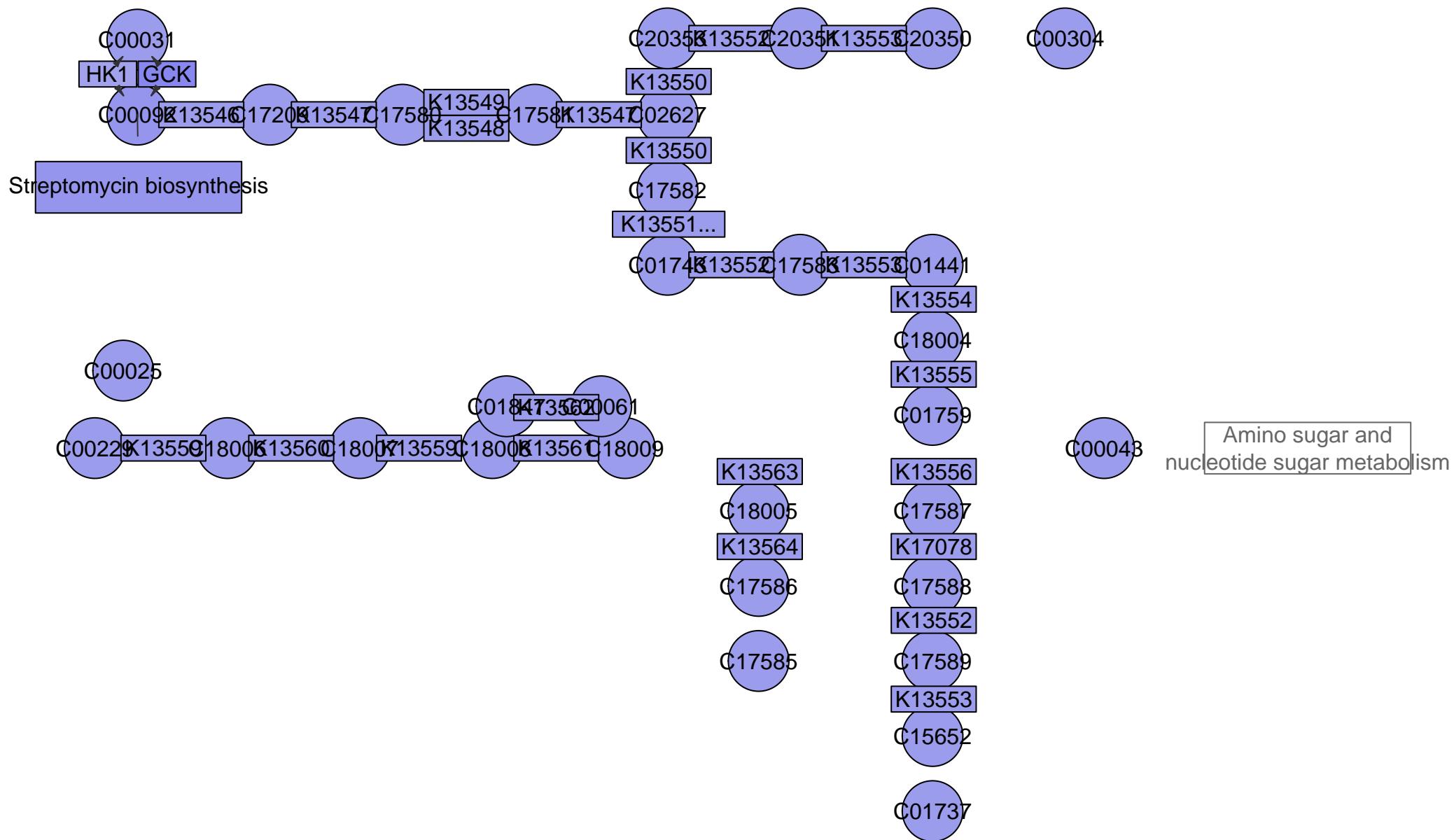
Butirosin and
neomycin biosynthesis
MPI-175



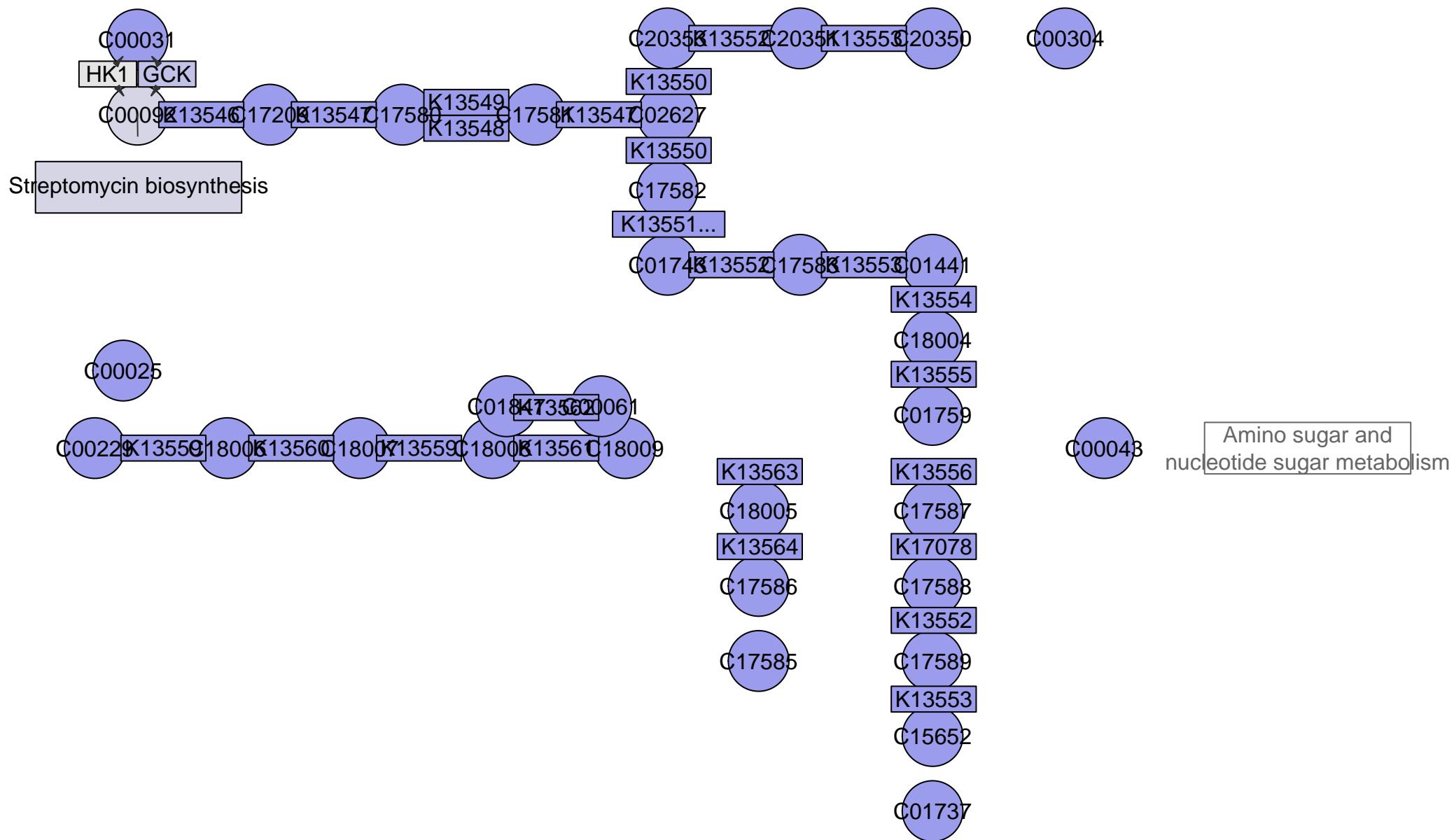
Butirosin and
neomycin biosynthesis
MPI-187



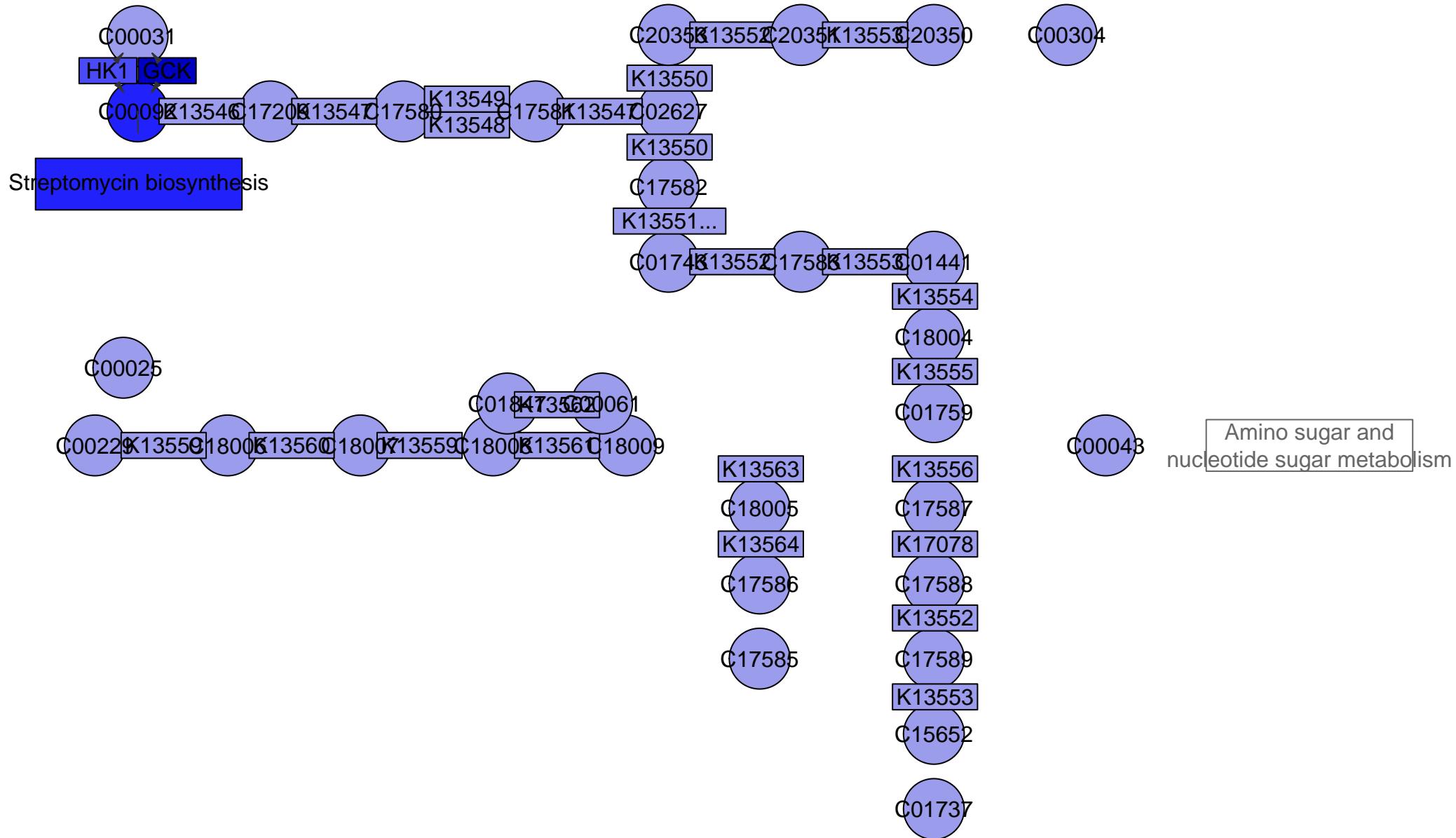
Butirosin and
neomycin biosynthesis
MPI-193



Butirosin and
neomycin biosynthesis
MPI-216

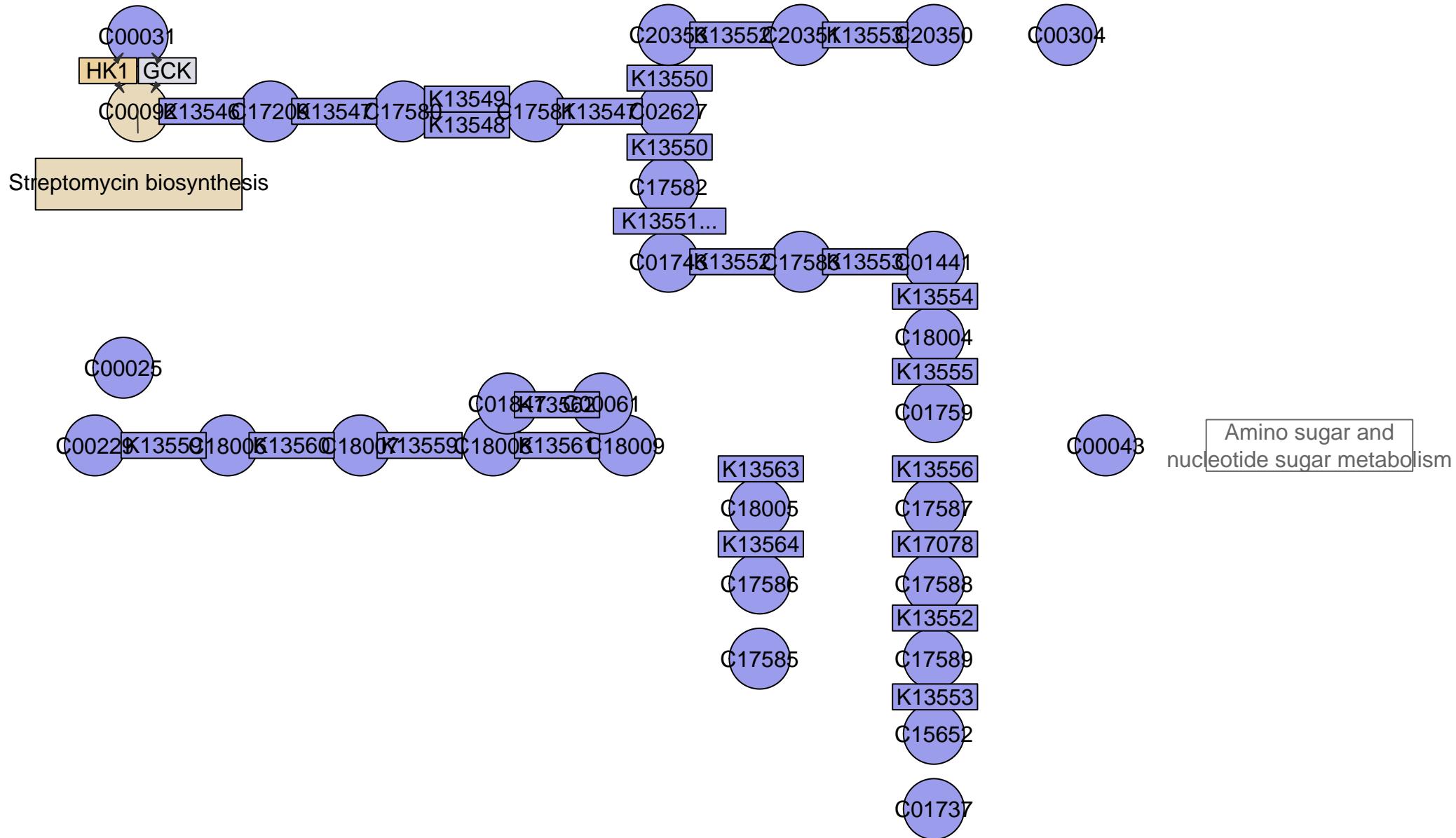


Butirosin and
neomycin biosynthesis
MPI-222



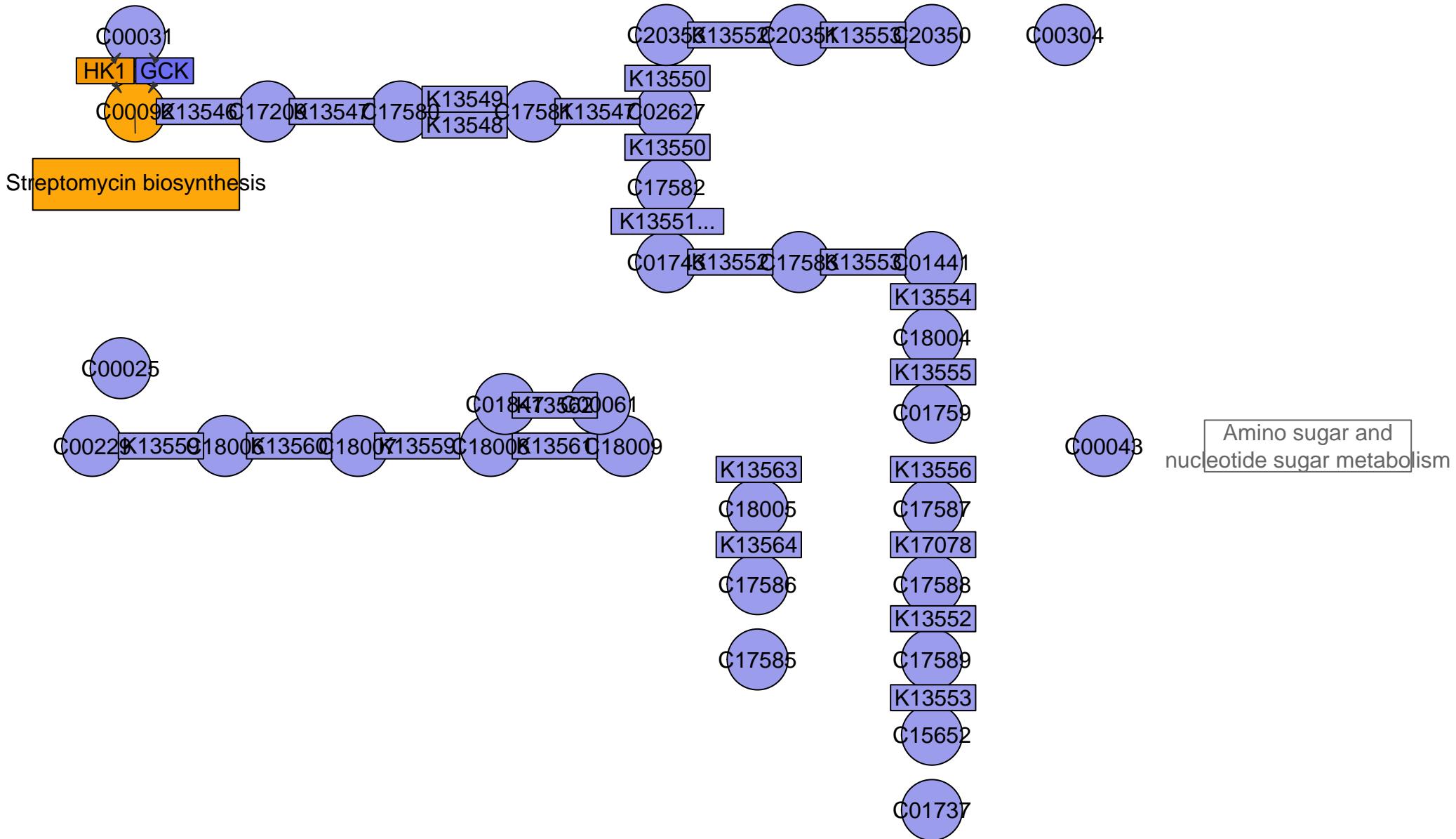
Amino sugar and
nucleotide sugar metabolism

Butirosin and
neomycin biosynthesis
MPI-225

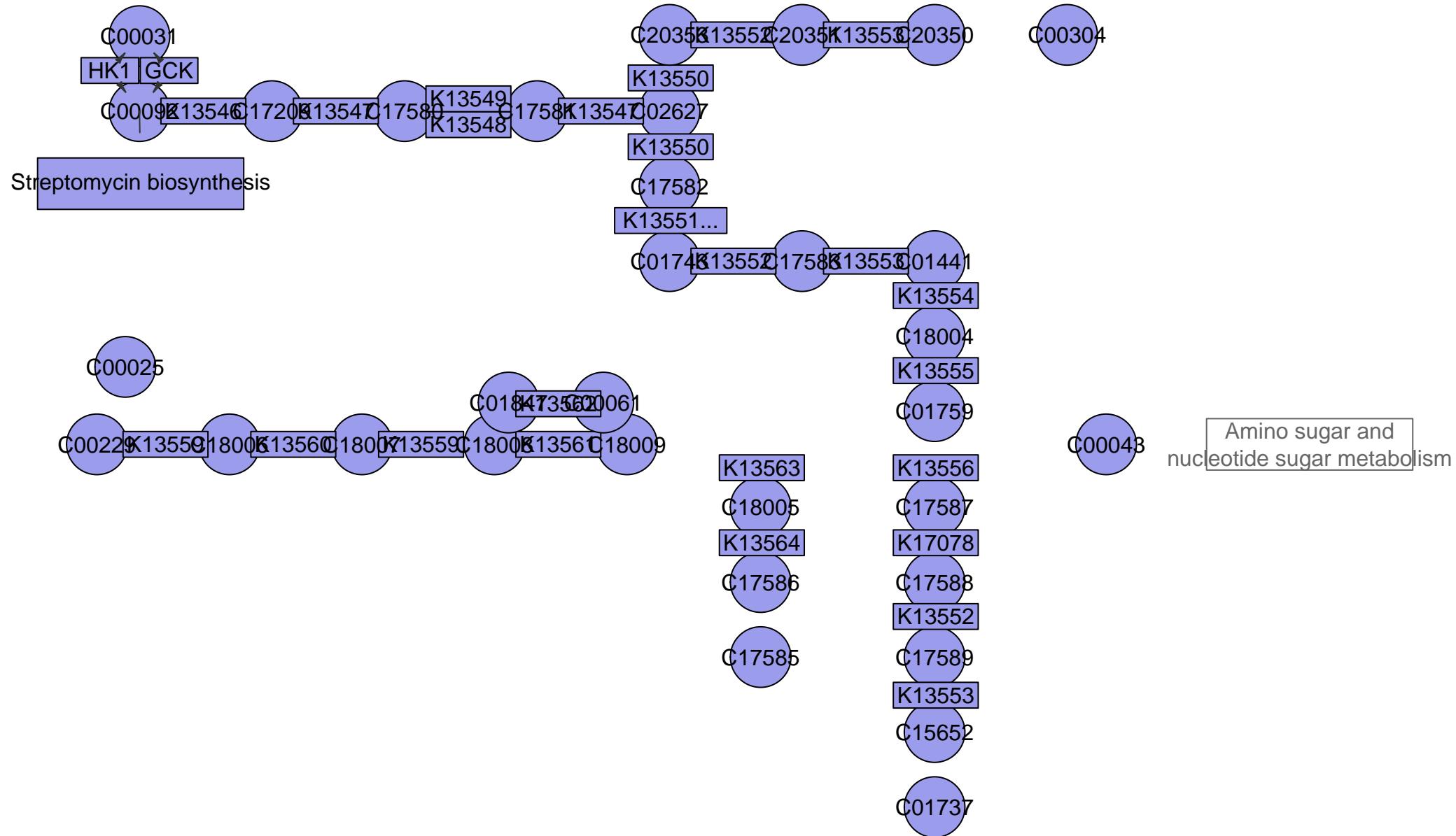


Butirosin and neomycin biosynthesis

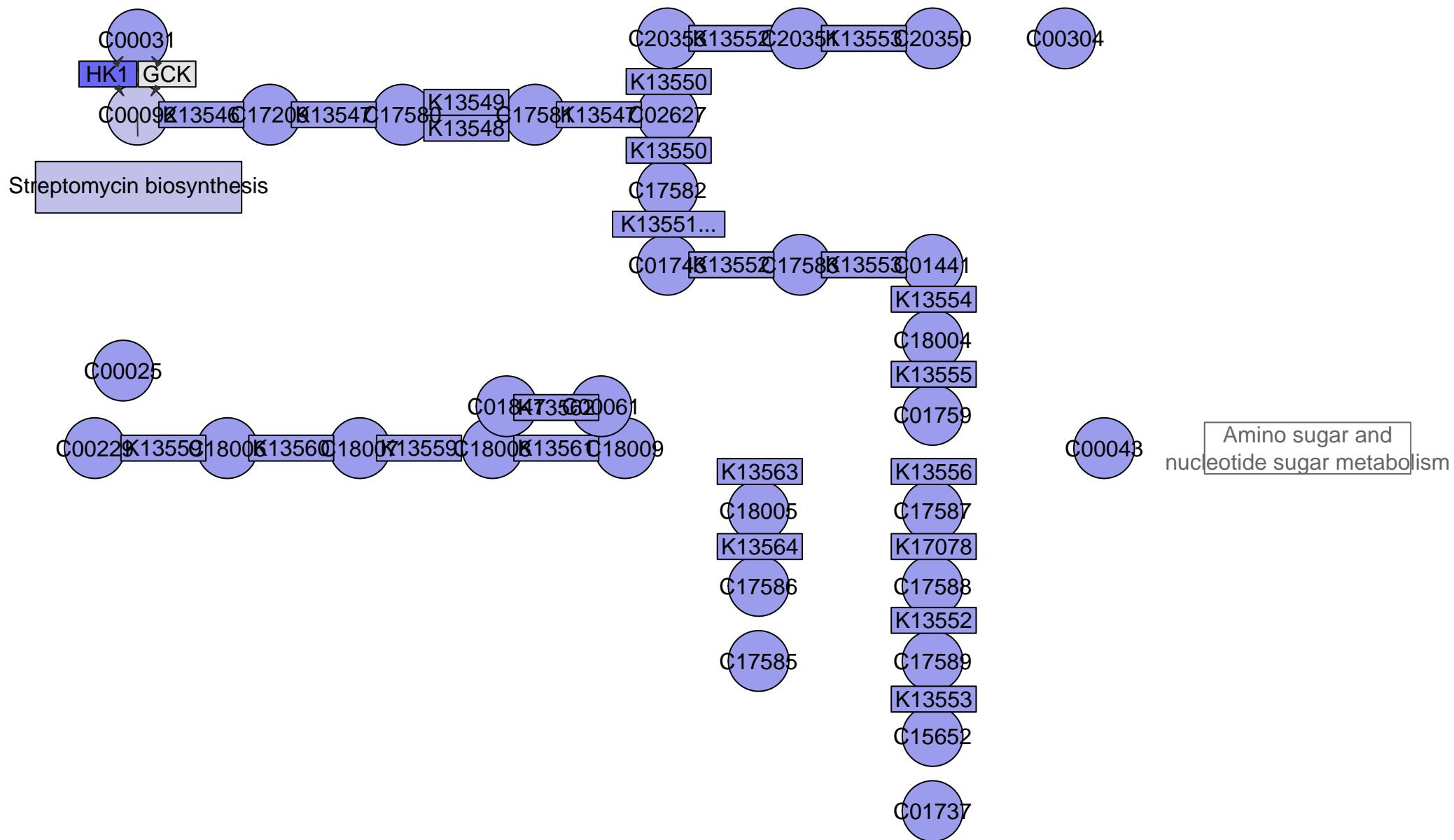
MPI-242



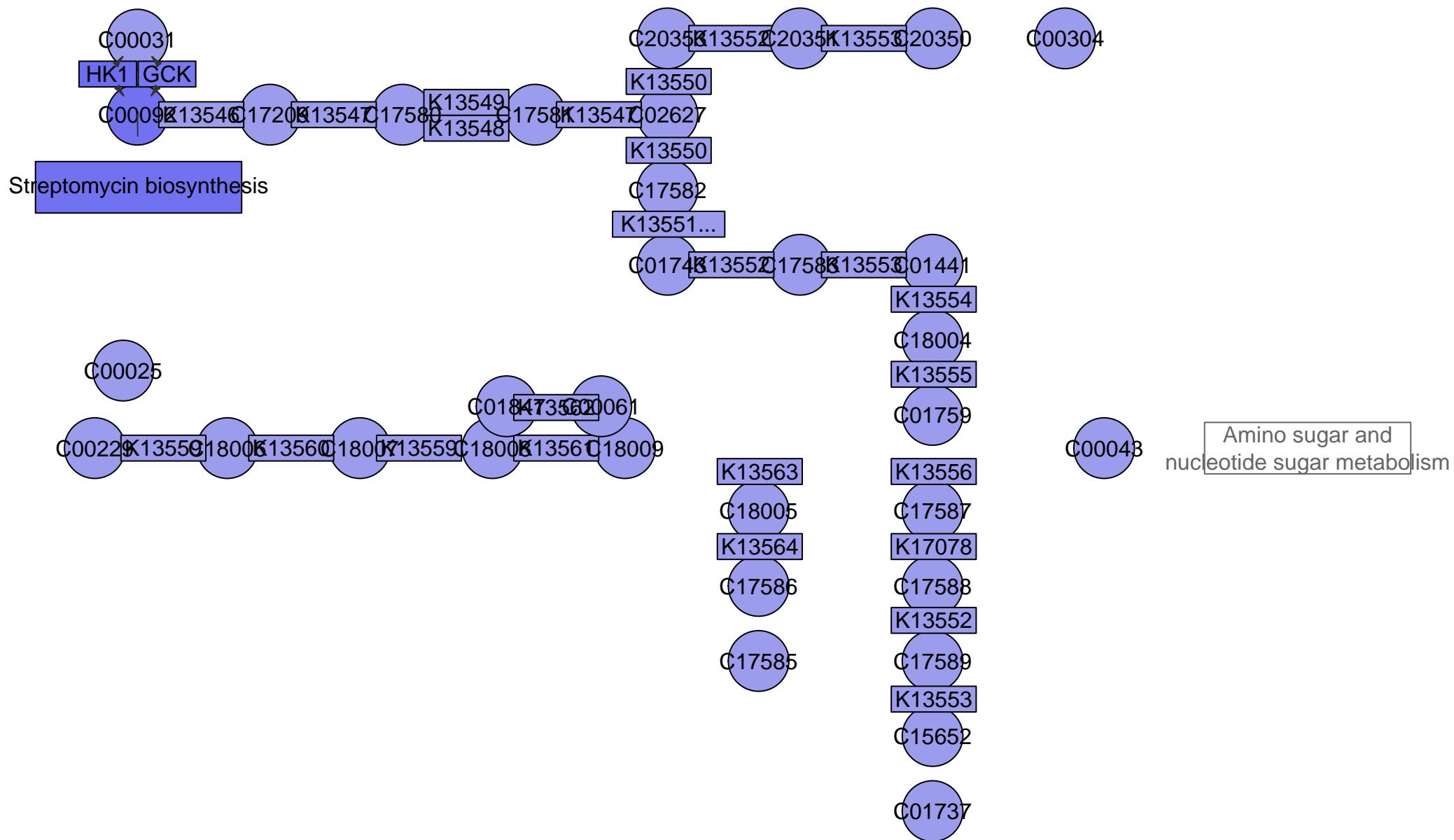
Butirosin and
neomycin biosynthesis
MPI-245



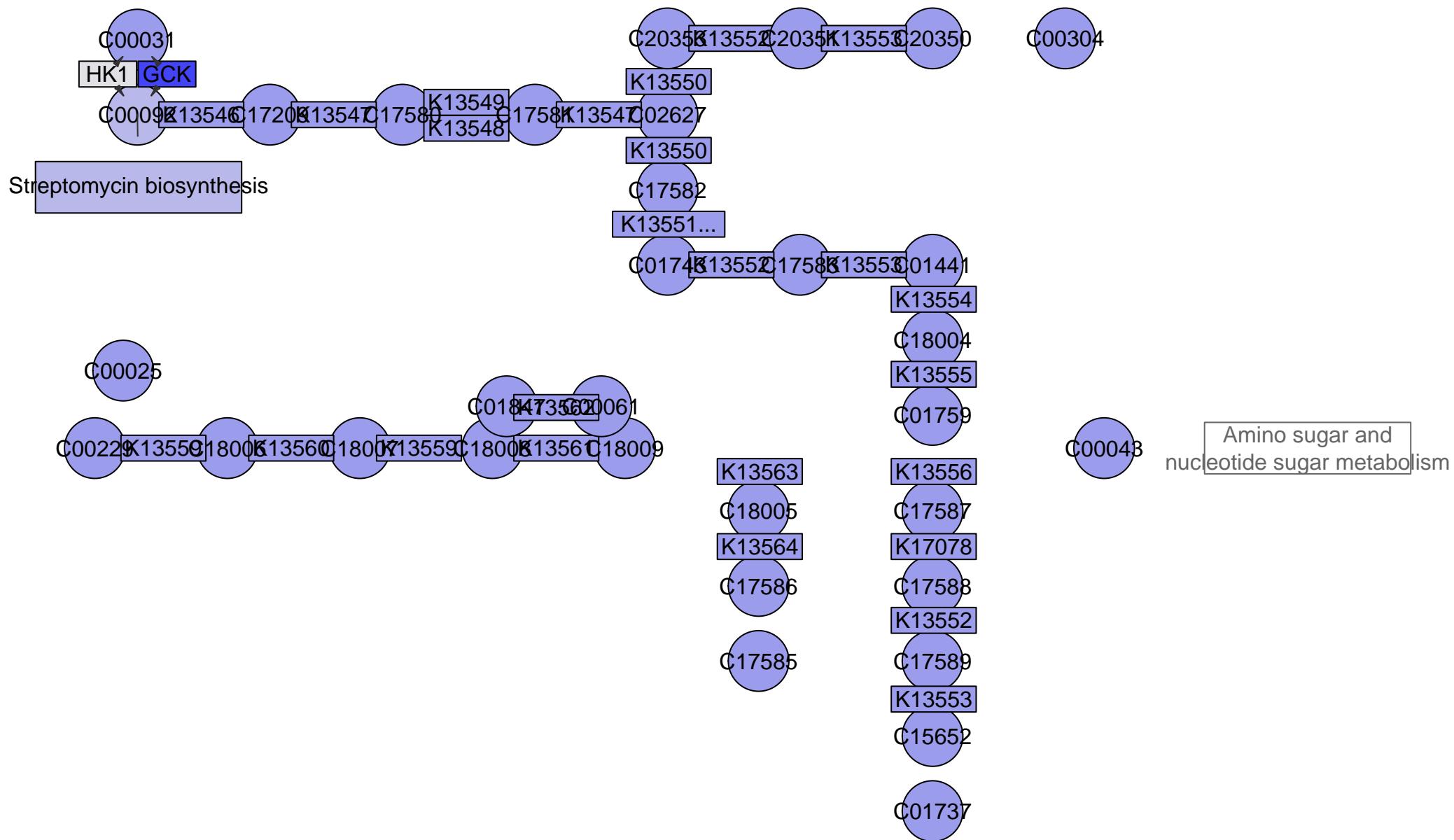
Butirosin and
neomycin biosynthesis
MPI-248



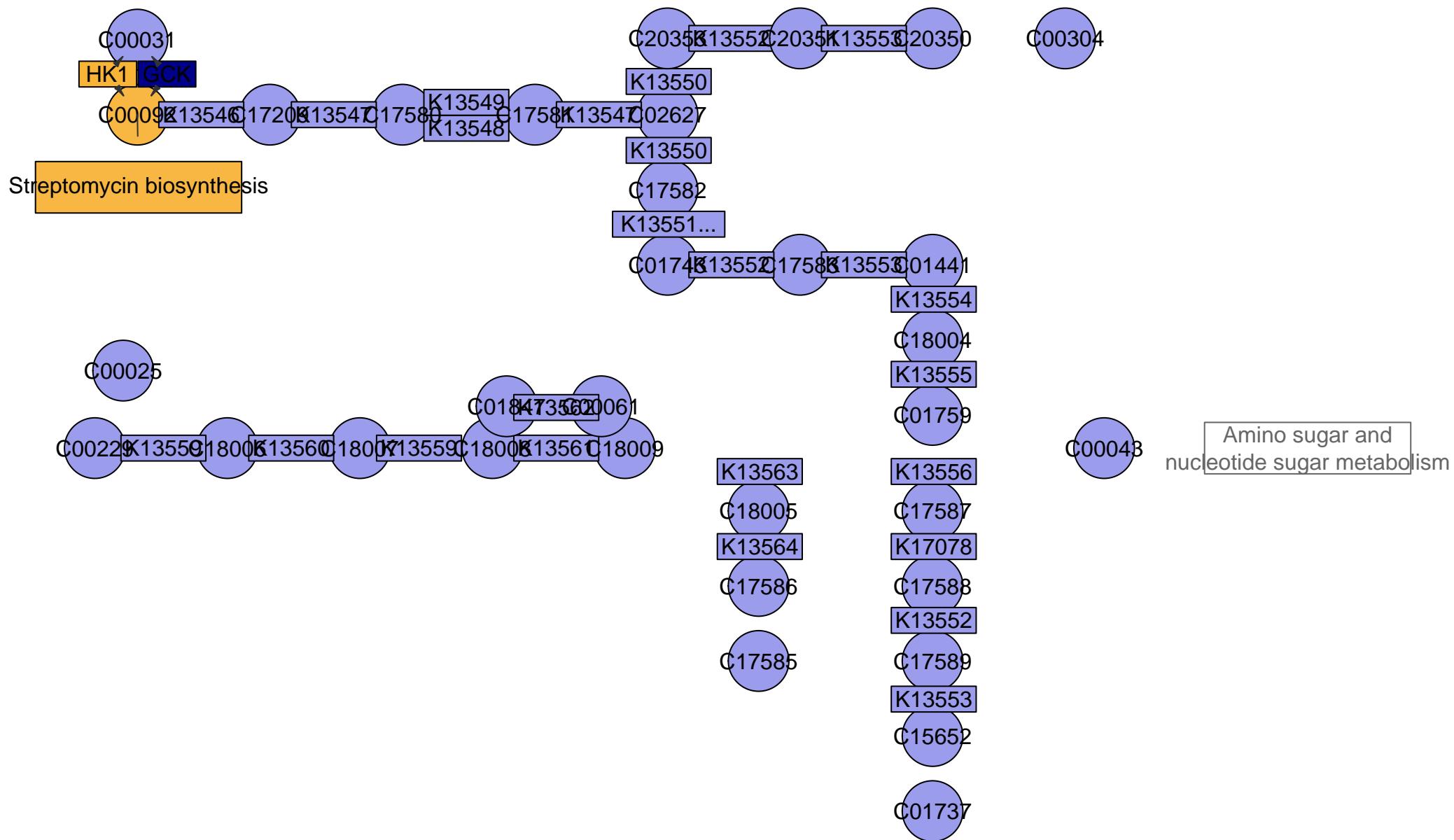
Butirosin and
neomycin biosynthesis
MPI-249



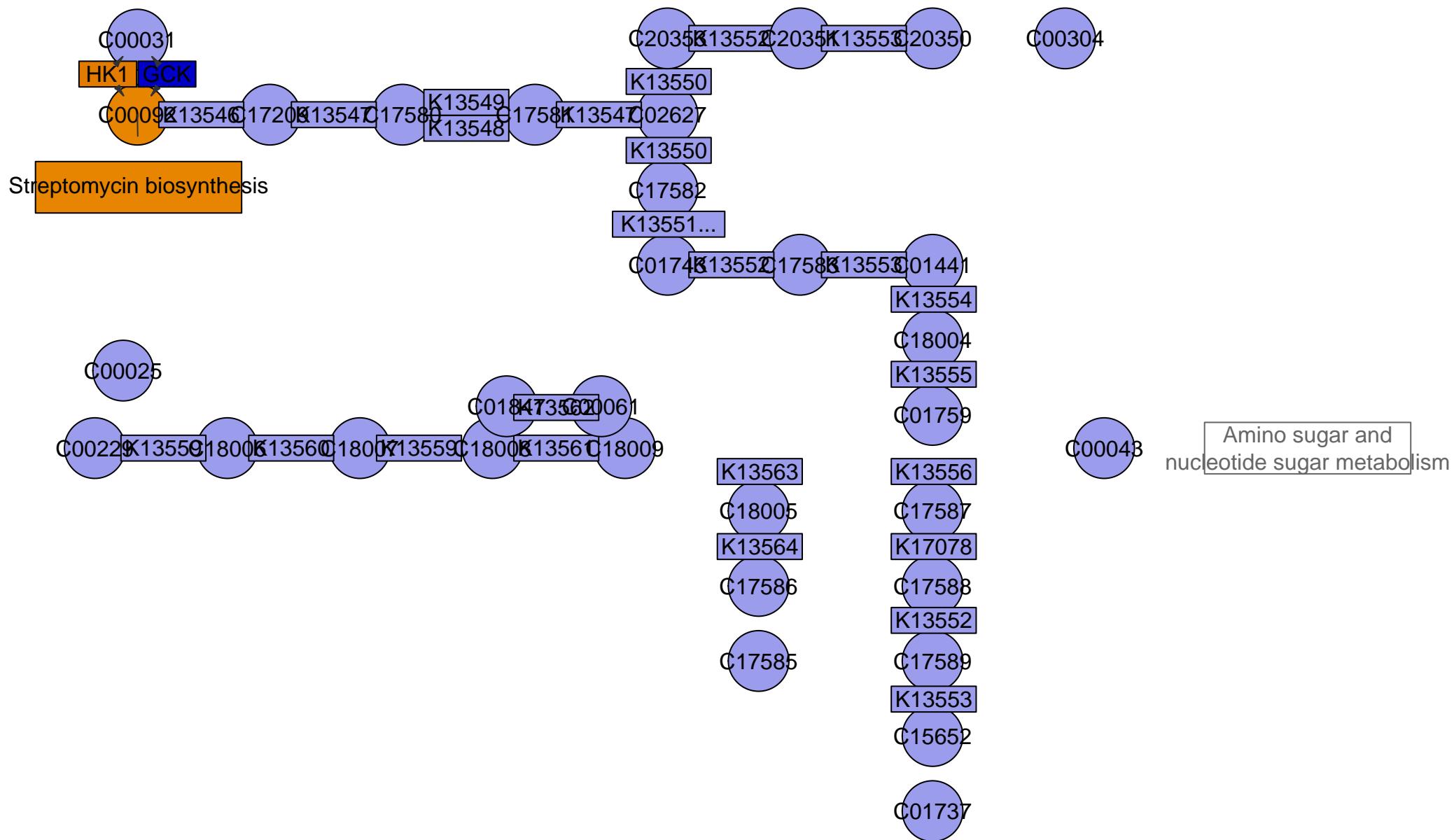
Butirosin and
neomycin biosynthesis
MPI-250



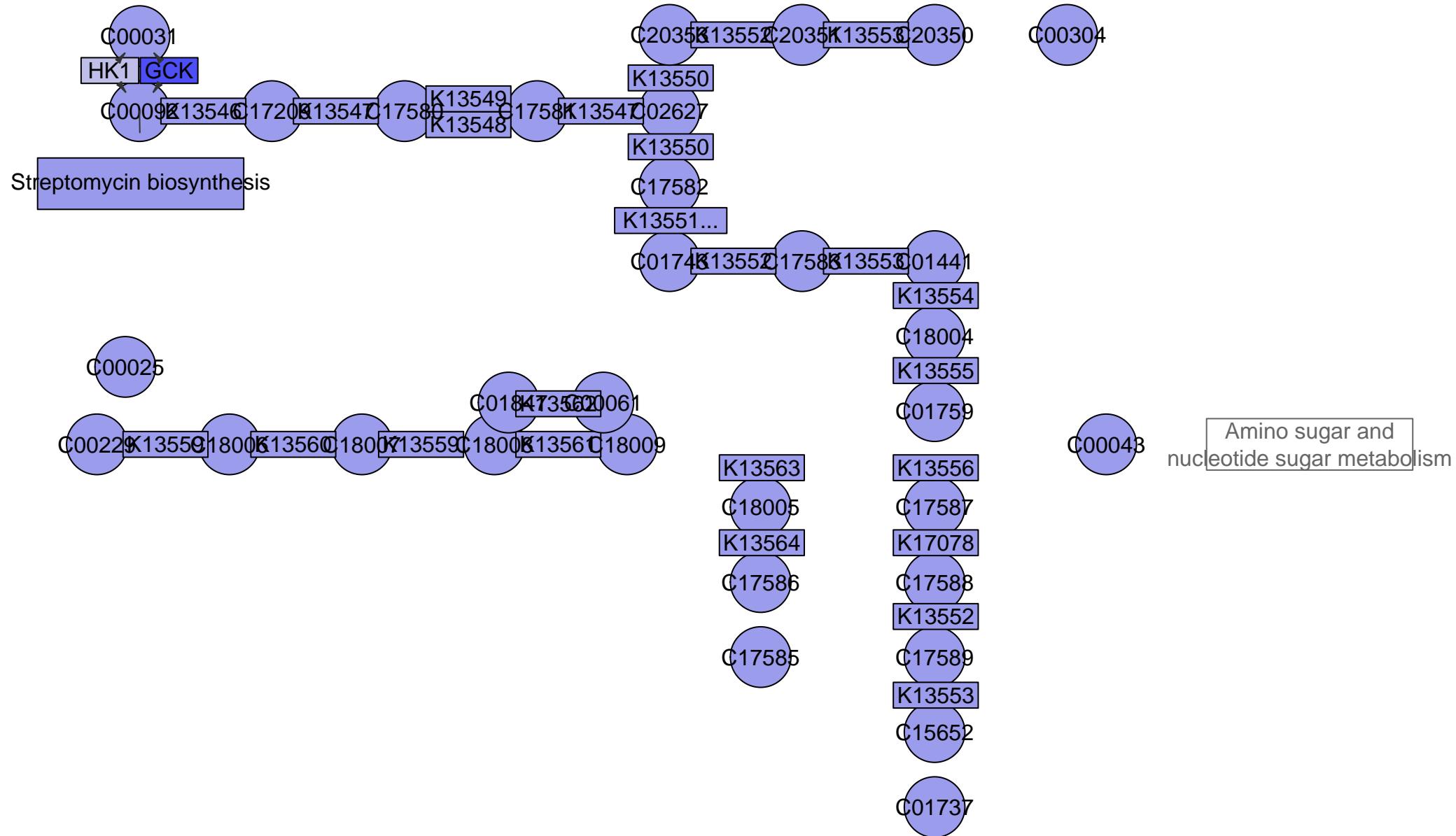
Butirosin and
neomycin biosynthesis
MPI-008



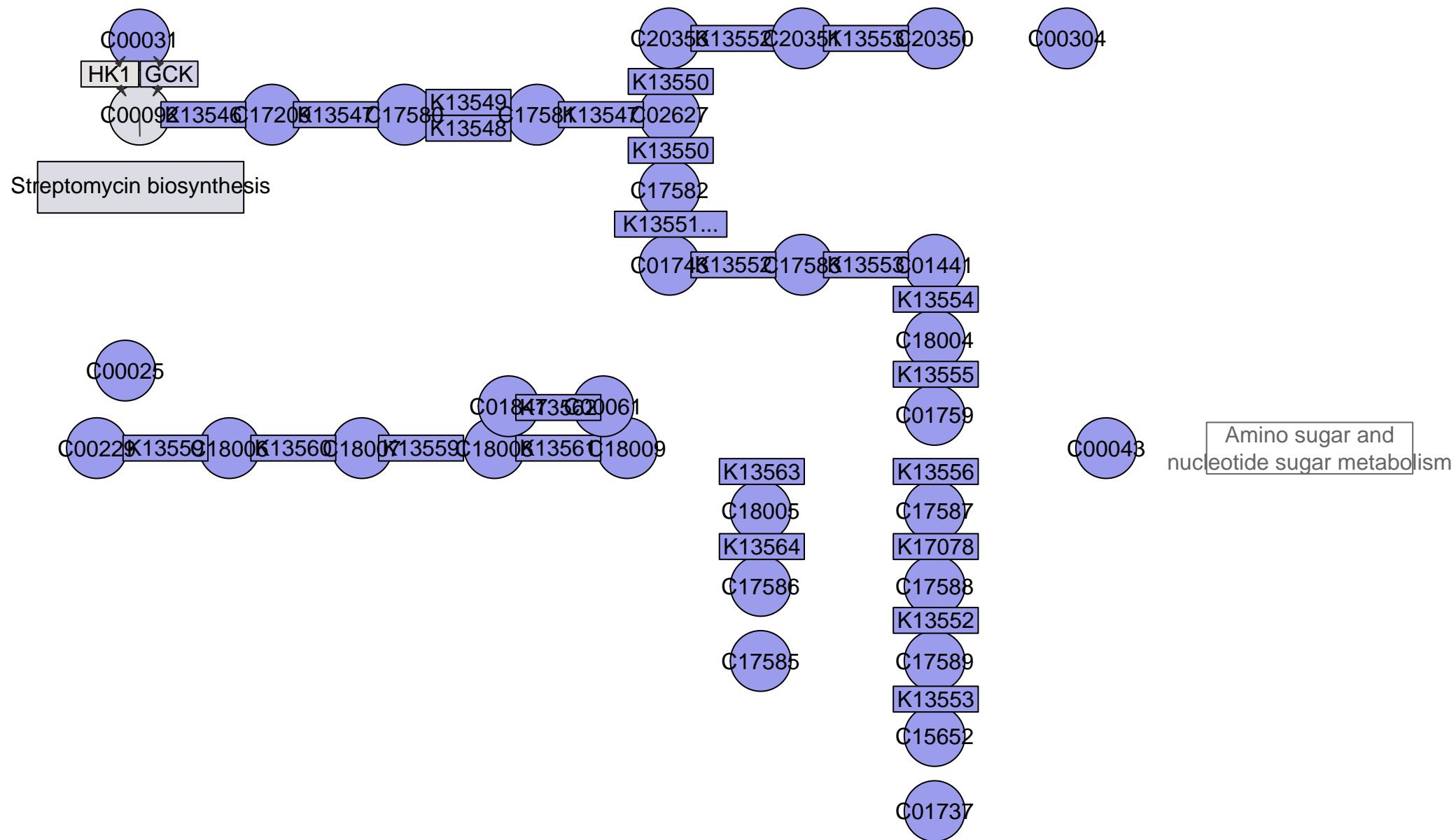
Butirosin and
neomycin biosynthesis
MPI-009



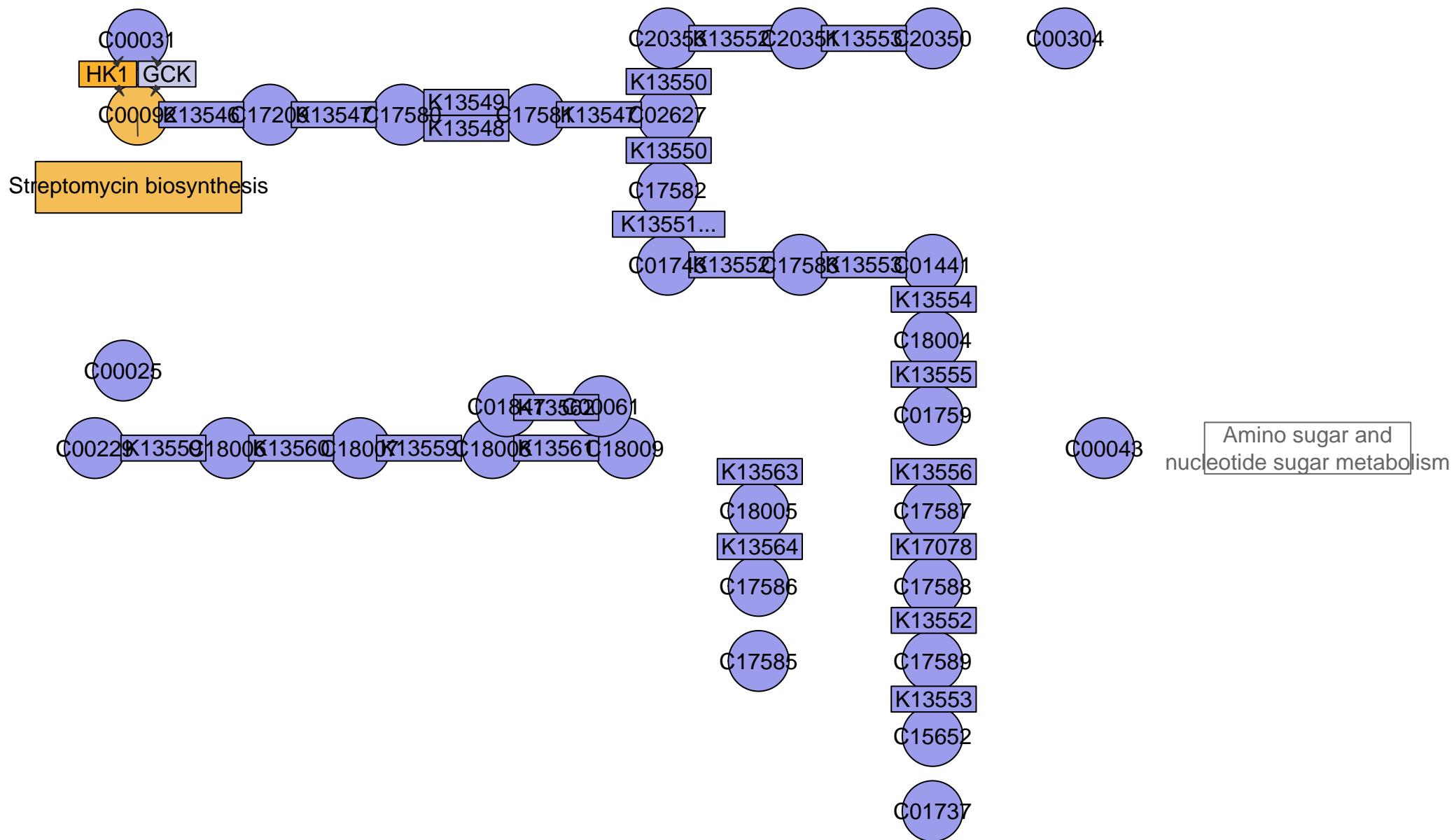
Butirosin and
neomycin biosynthesis
MPI-010



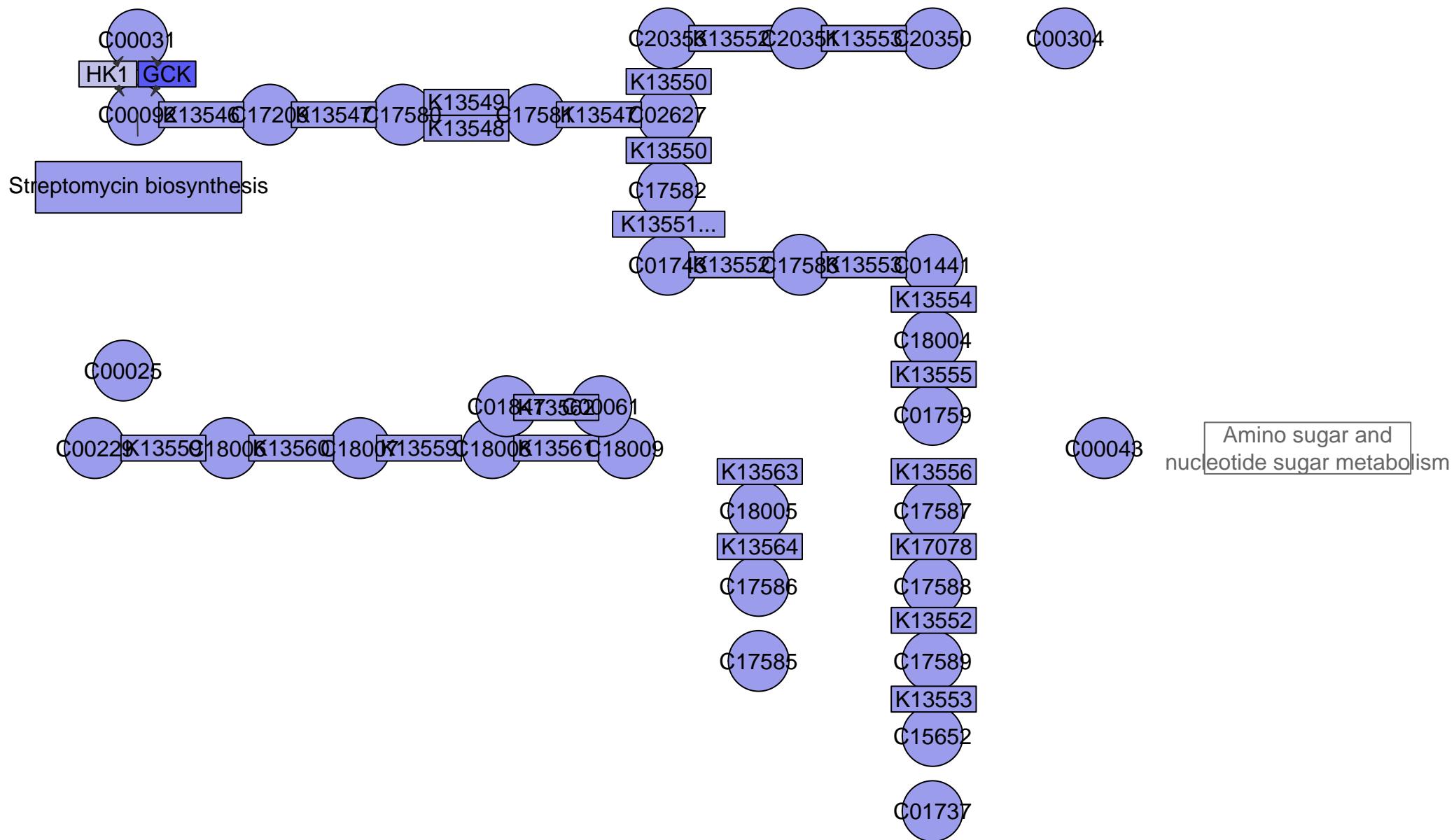
Butirosin and
neomycin biosynthesis
MPI-012



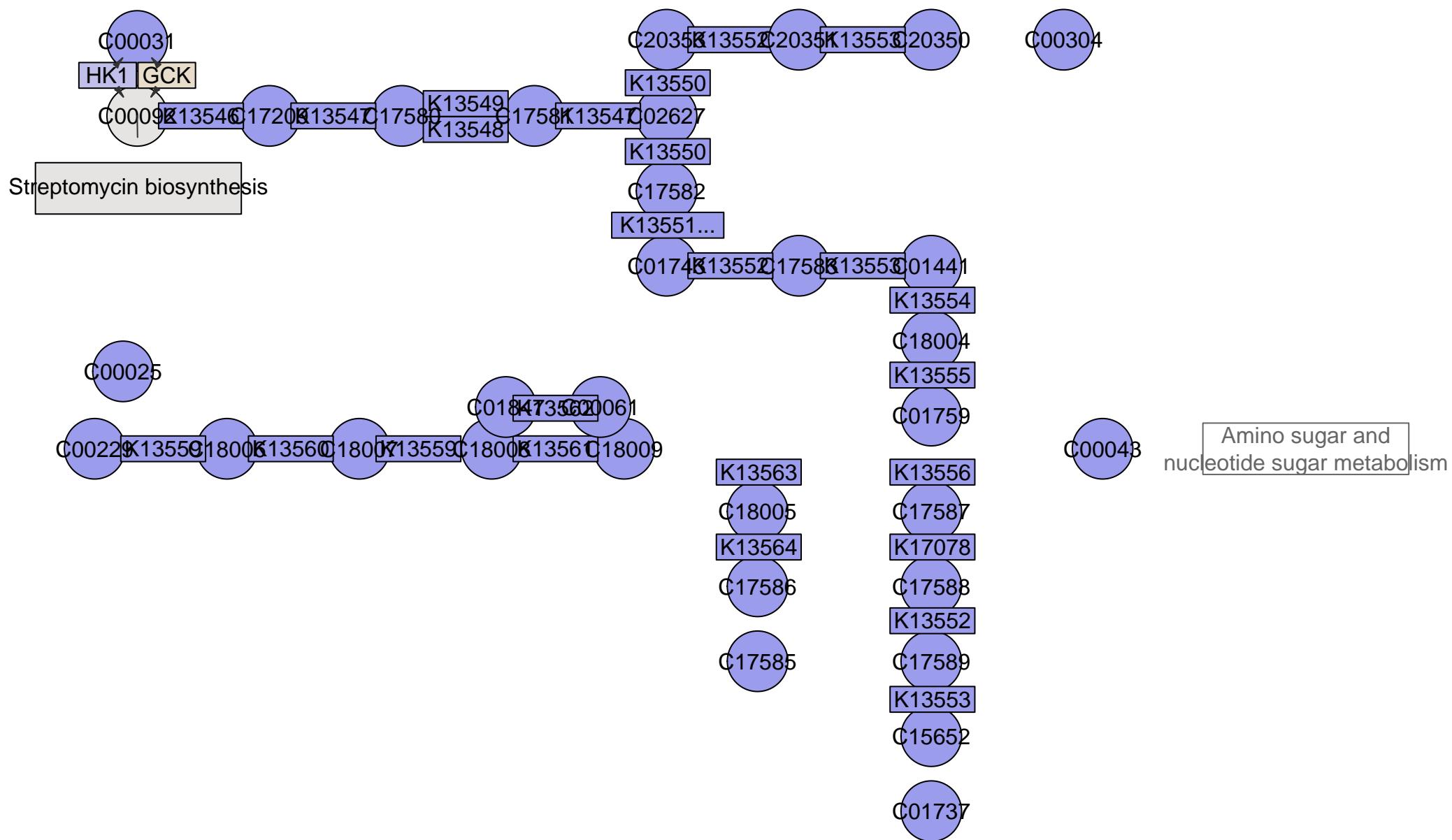
Butirosin and
neomycin biosynthesis
MPI-013



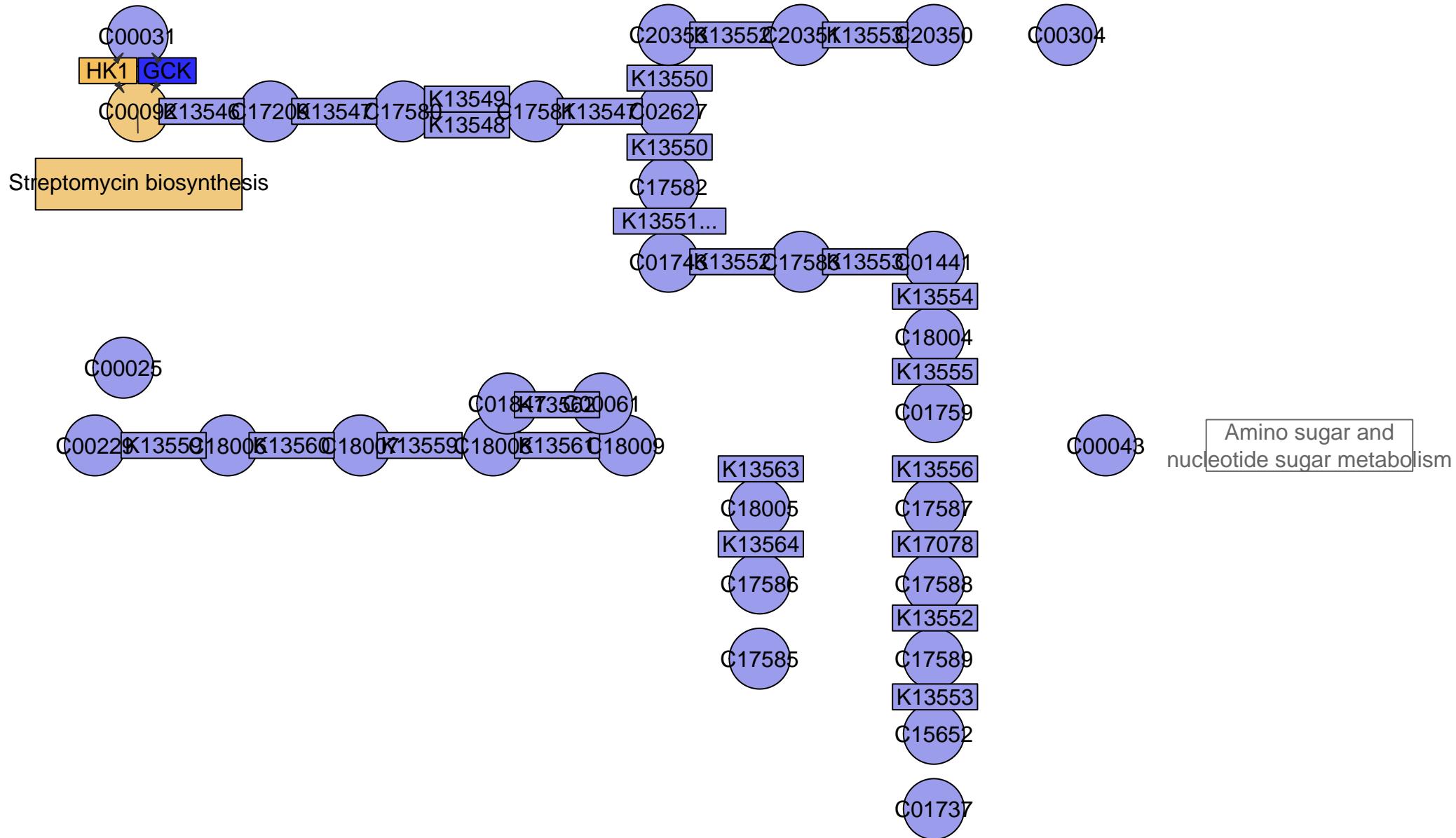
Butirosin and
neomycin biosynthesis
MPI-014



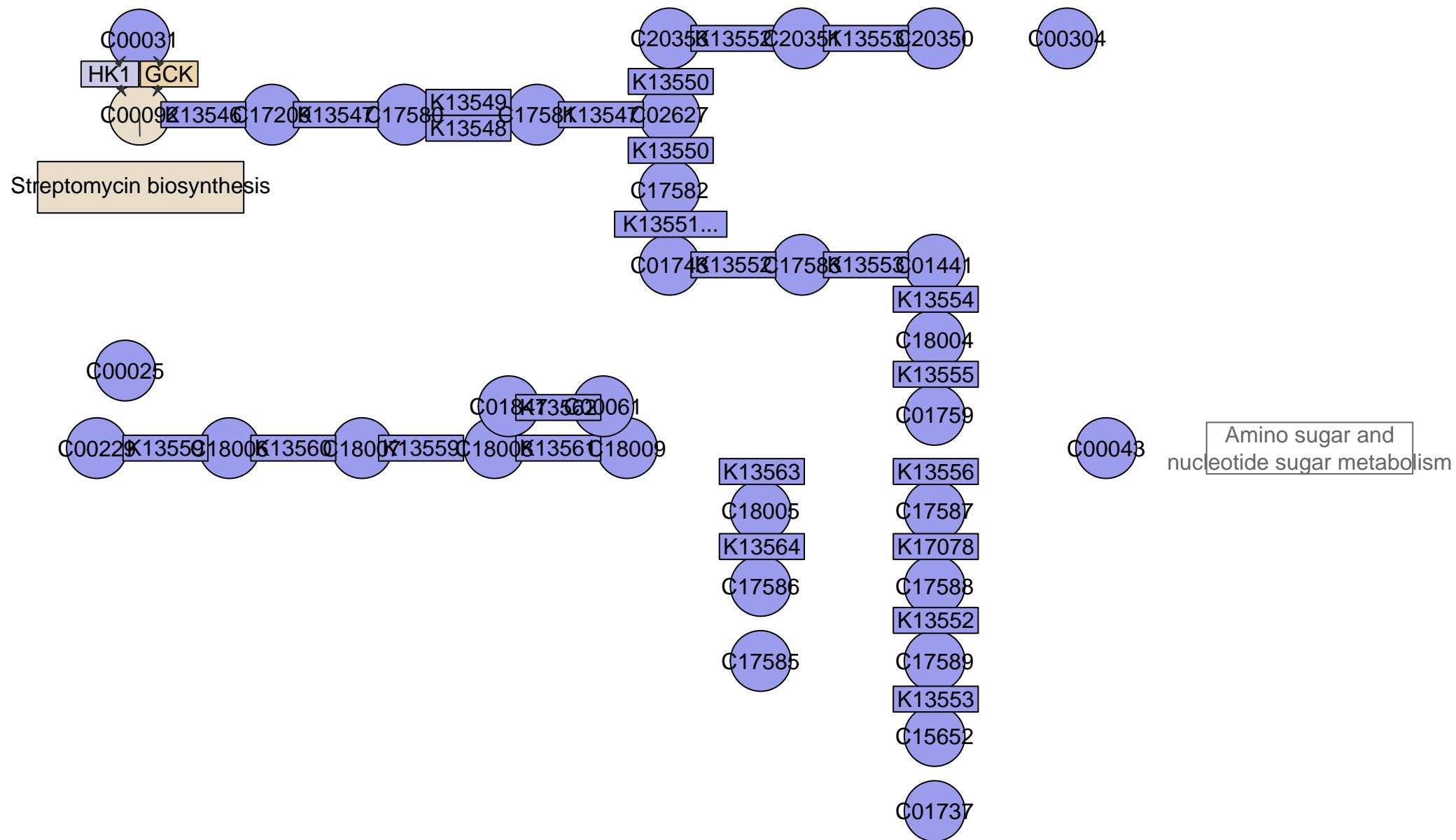
Butirosin and
neomycin biosynthesis
MPI-015



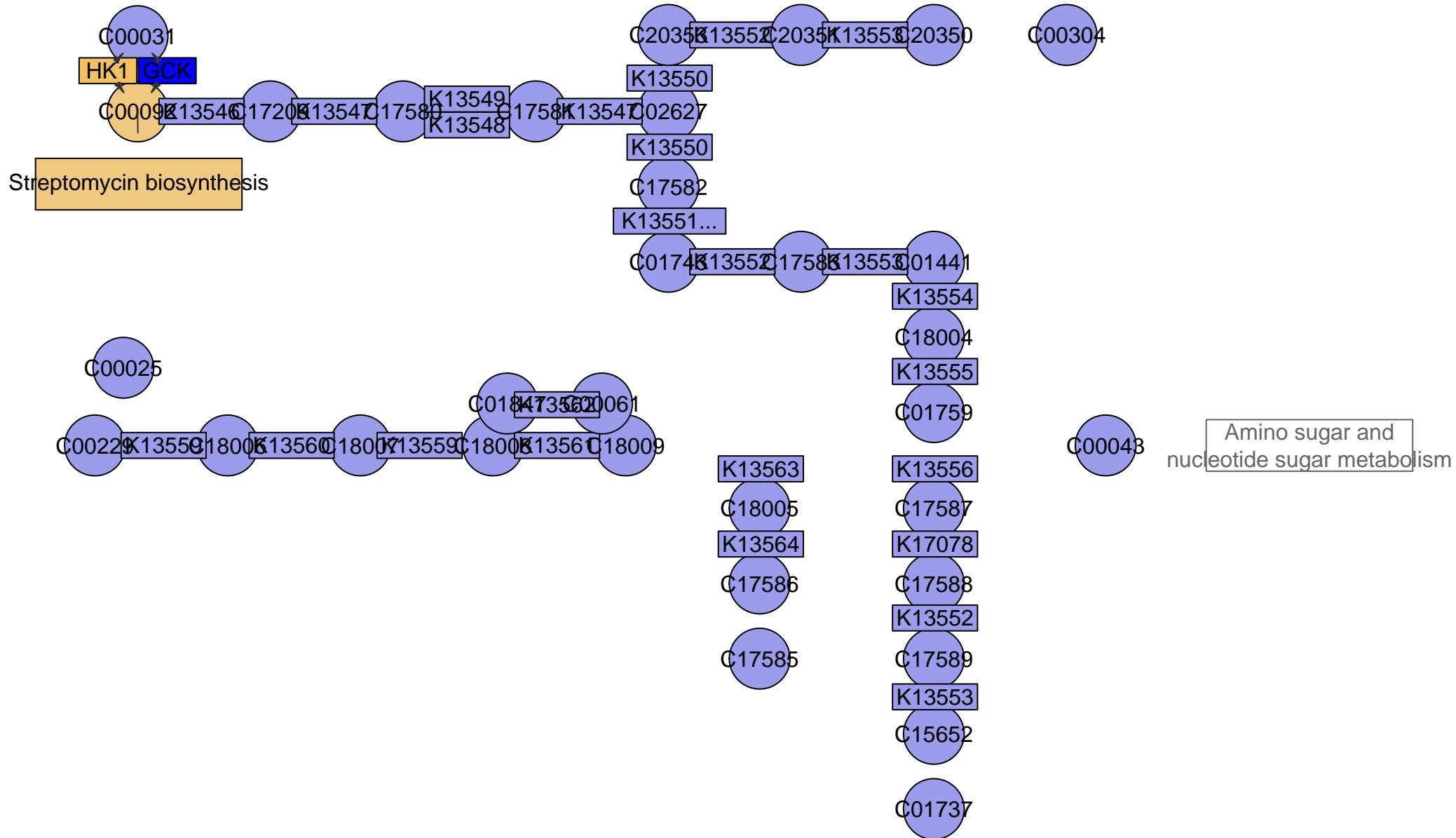
Butirosin and
neomycin biosynthesis
MPI-021



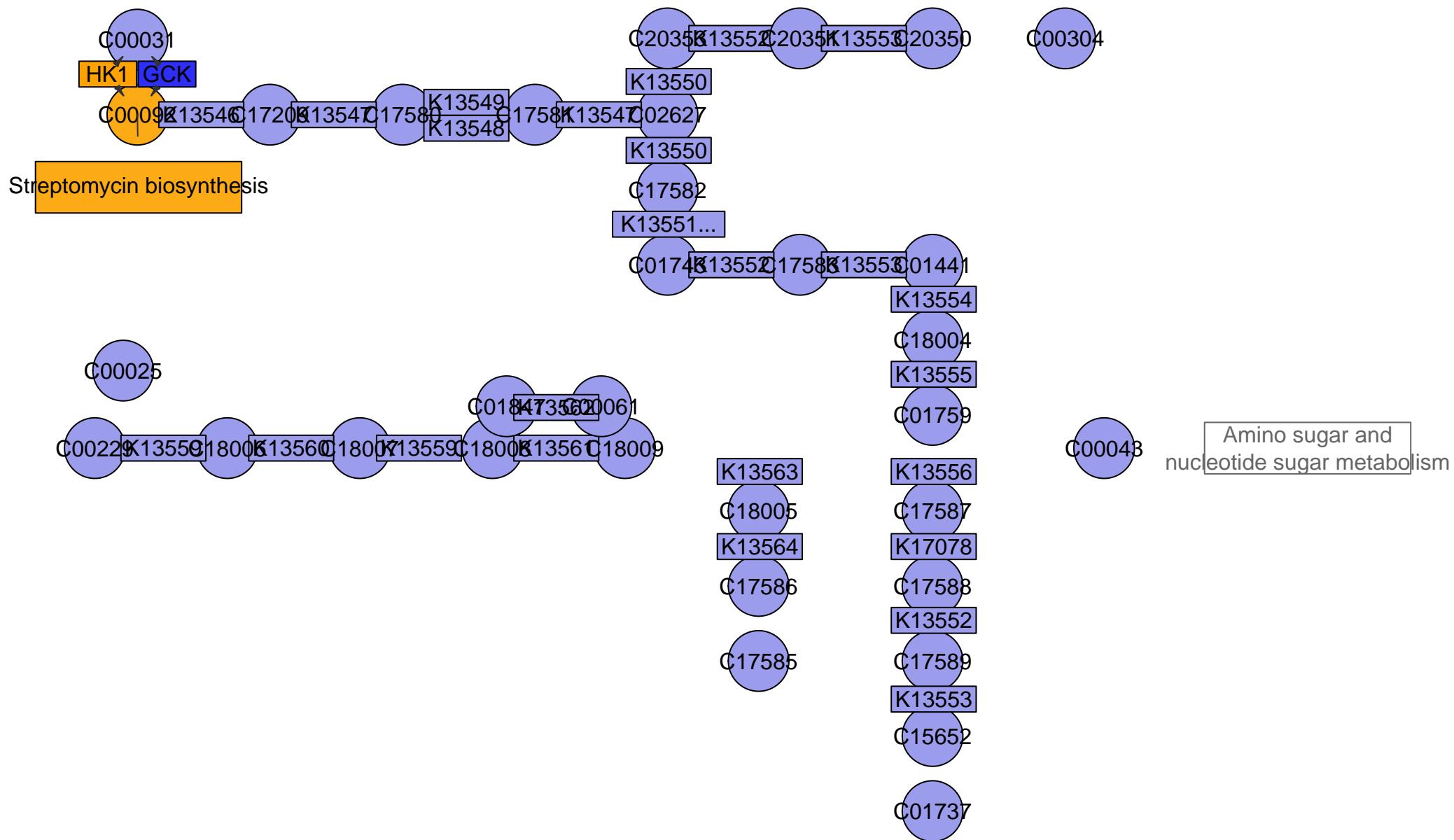
Butirosin and
neomycin biosynthesis
MPI-022



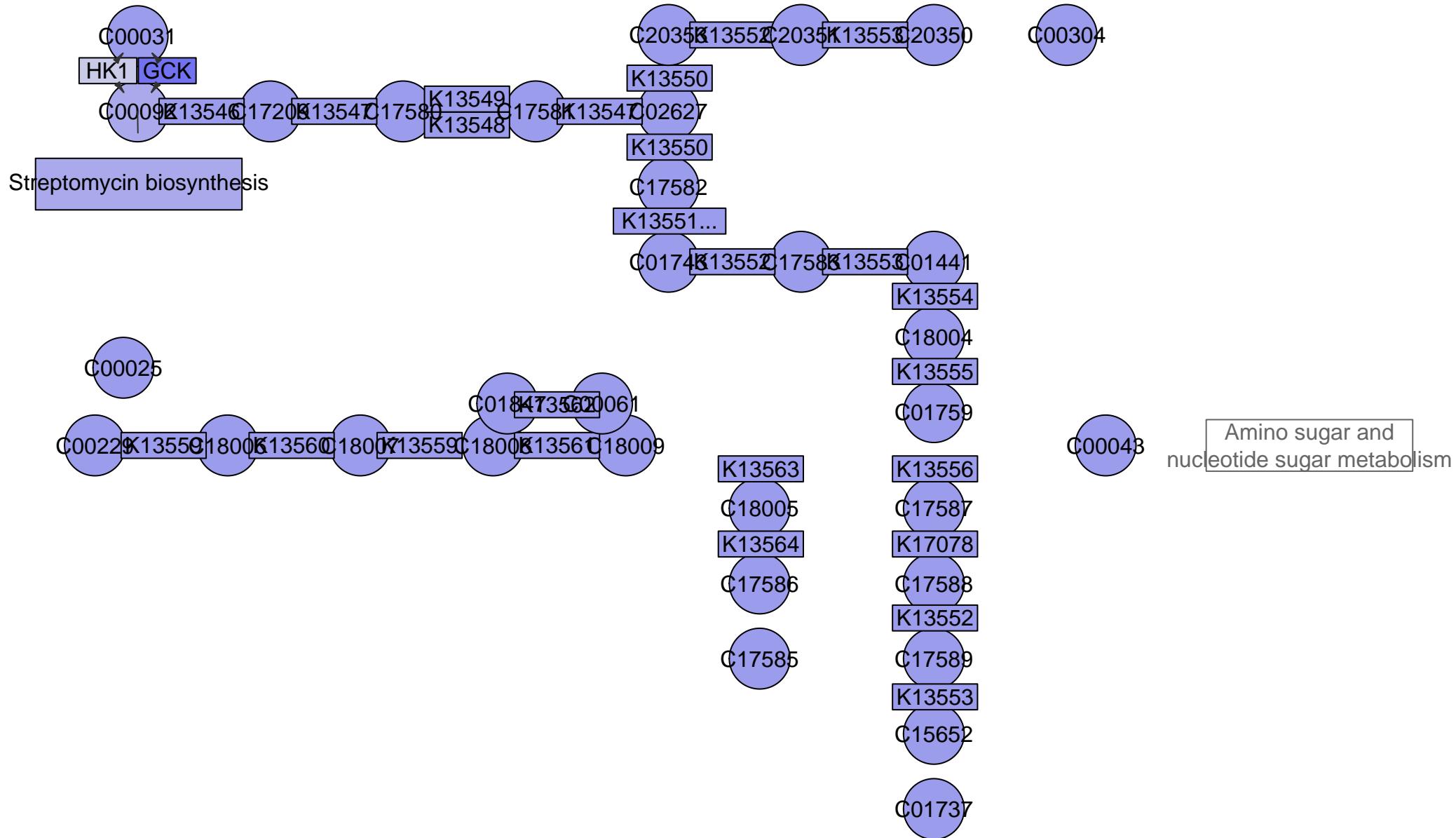
Butirosin and
neomycin biosynthesis
MPI-025



Butirosin and
neomycin biosynthesis
MPI-029

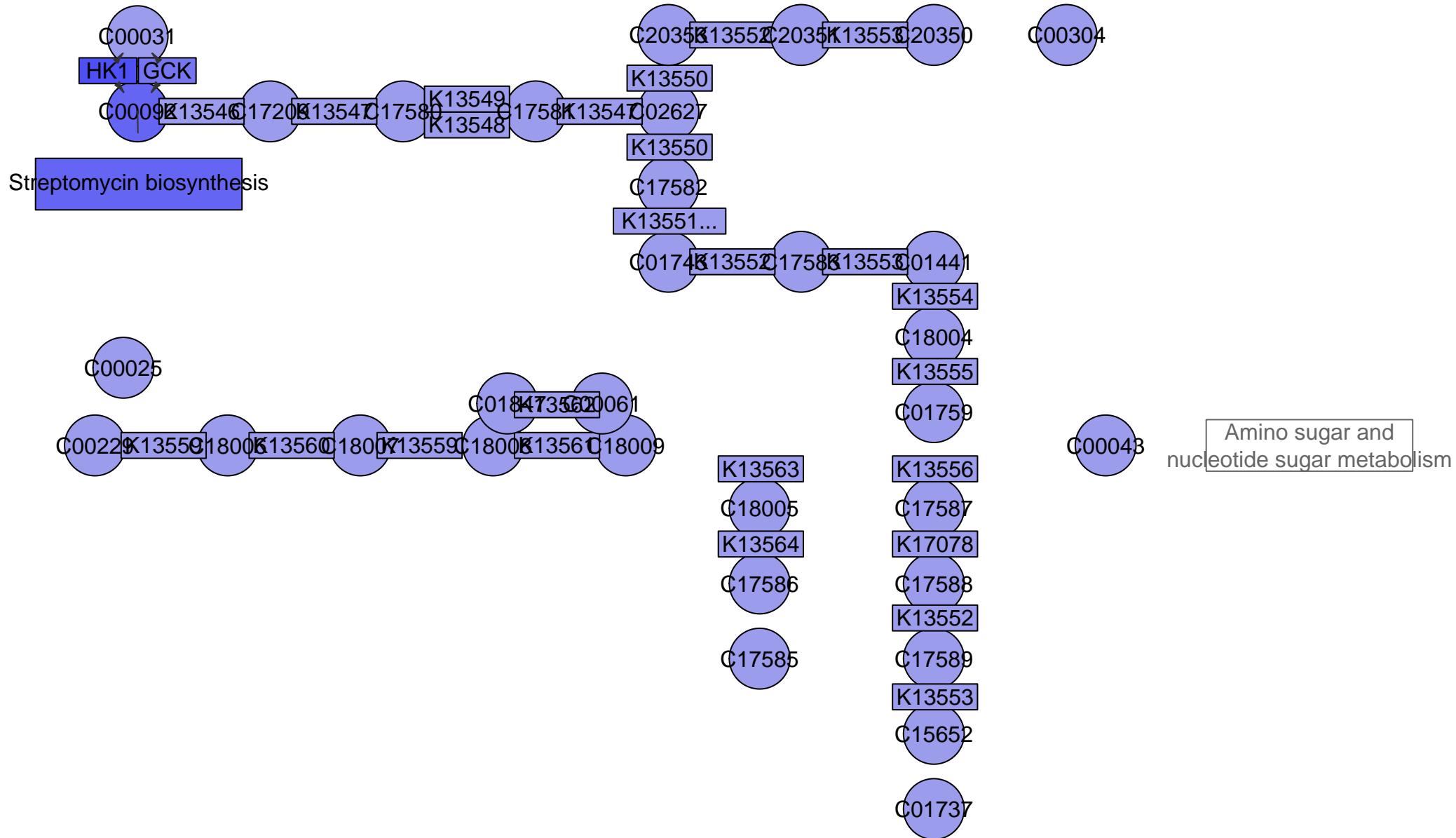


Butirosin and
neomycin biosynthesis
MPI-030

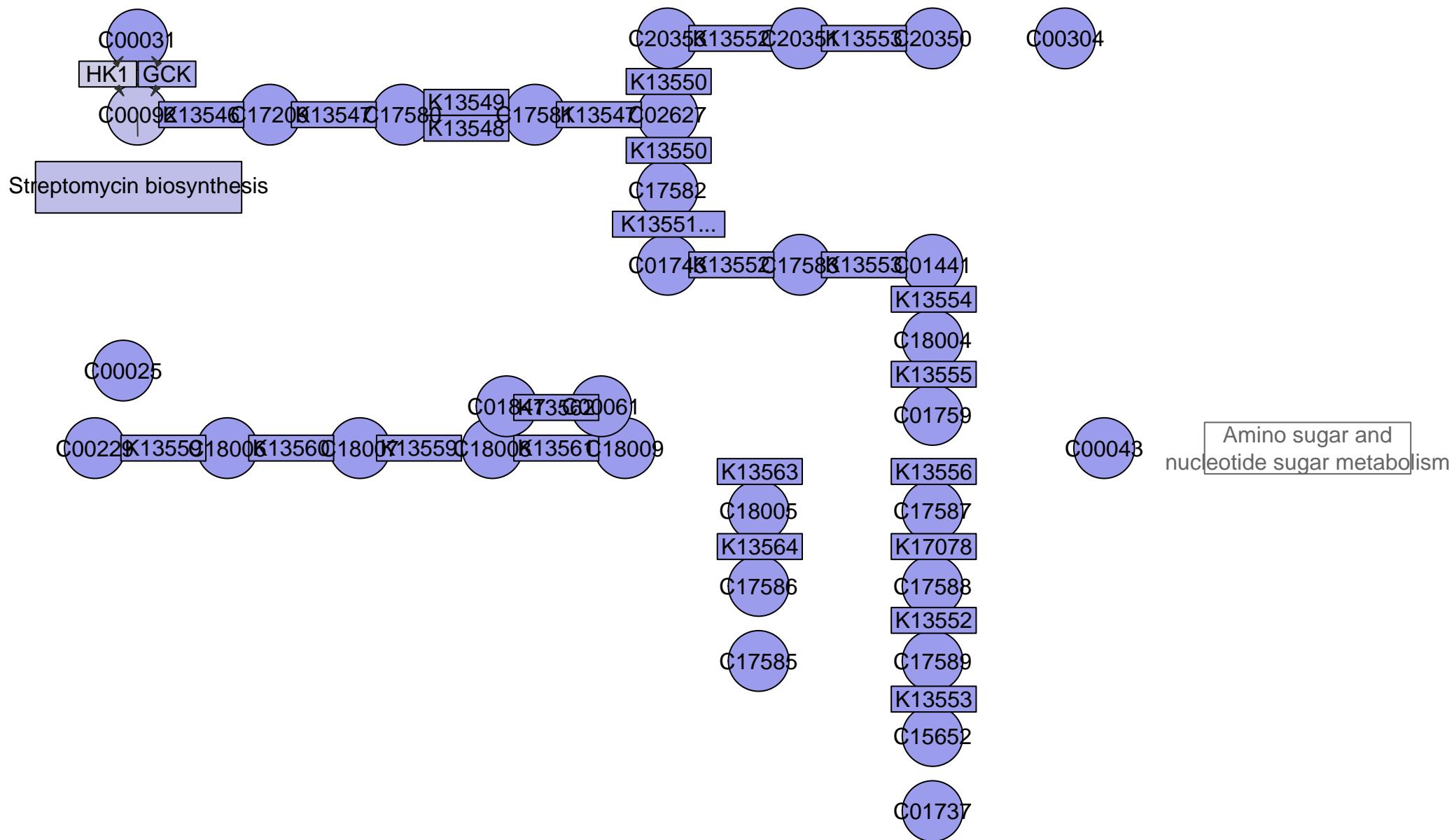


Amino sugar and
nucleotide sugar metabolism

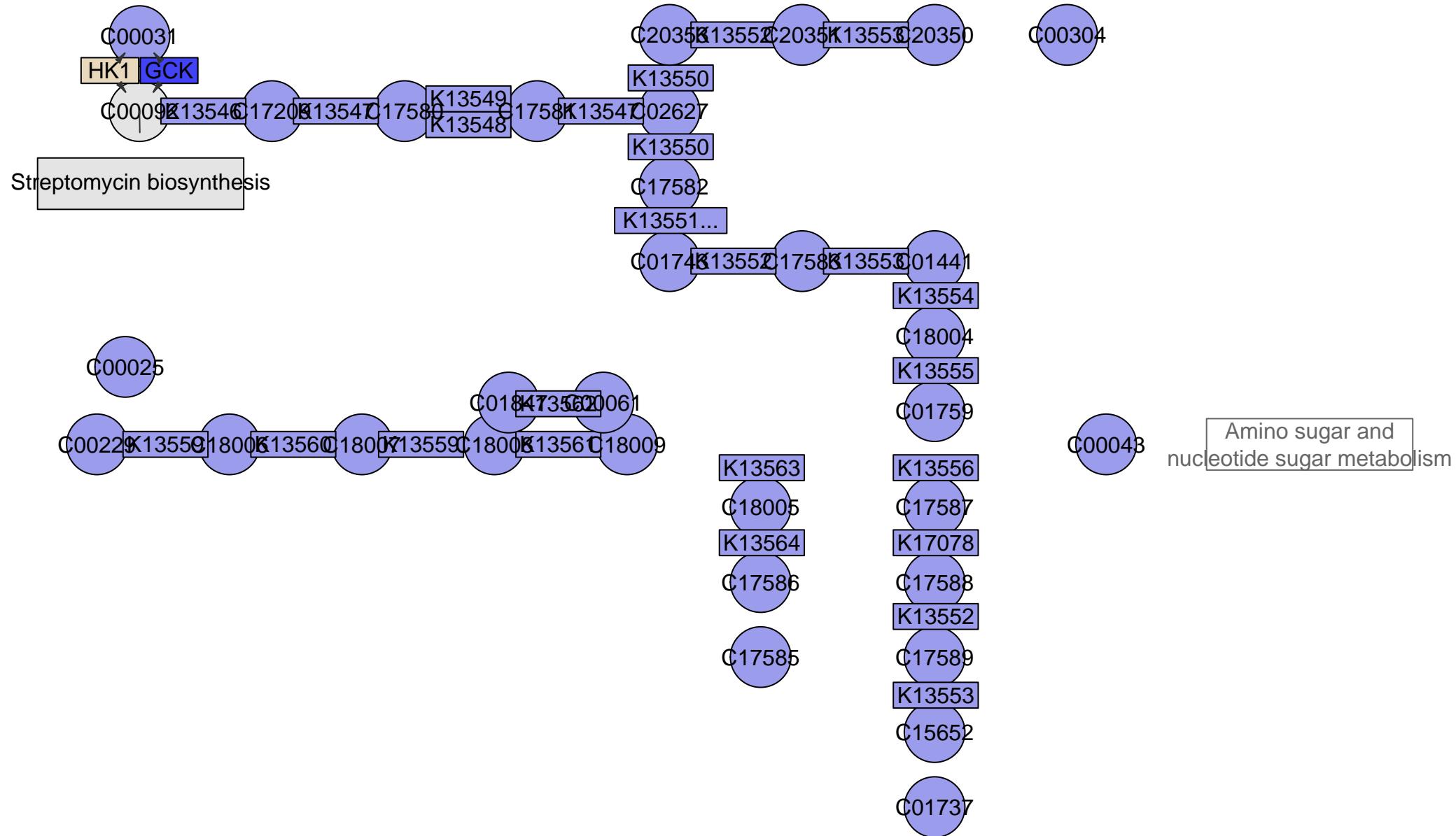
Butirosin and
neomycin biosynthesis
MPI-031



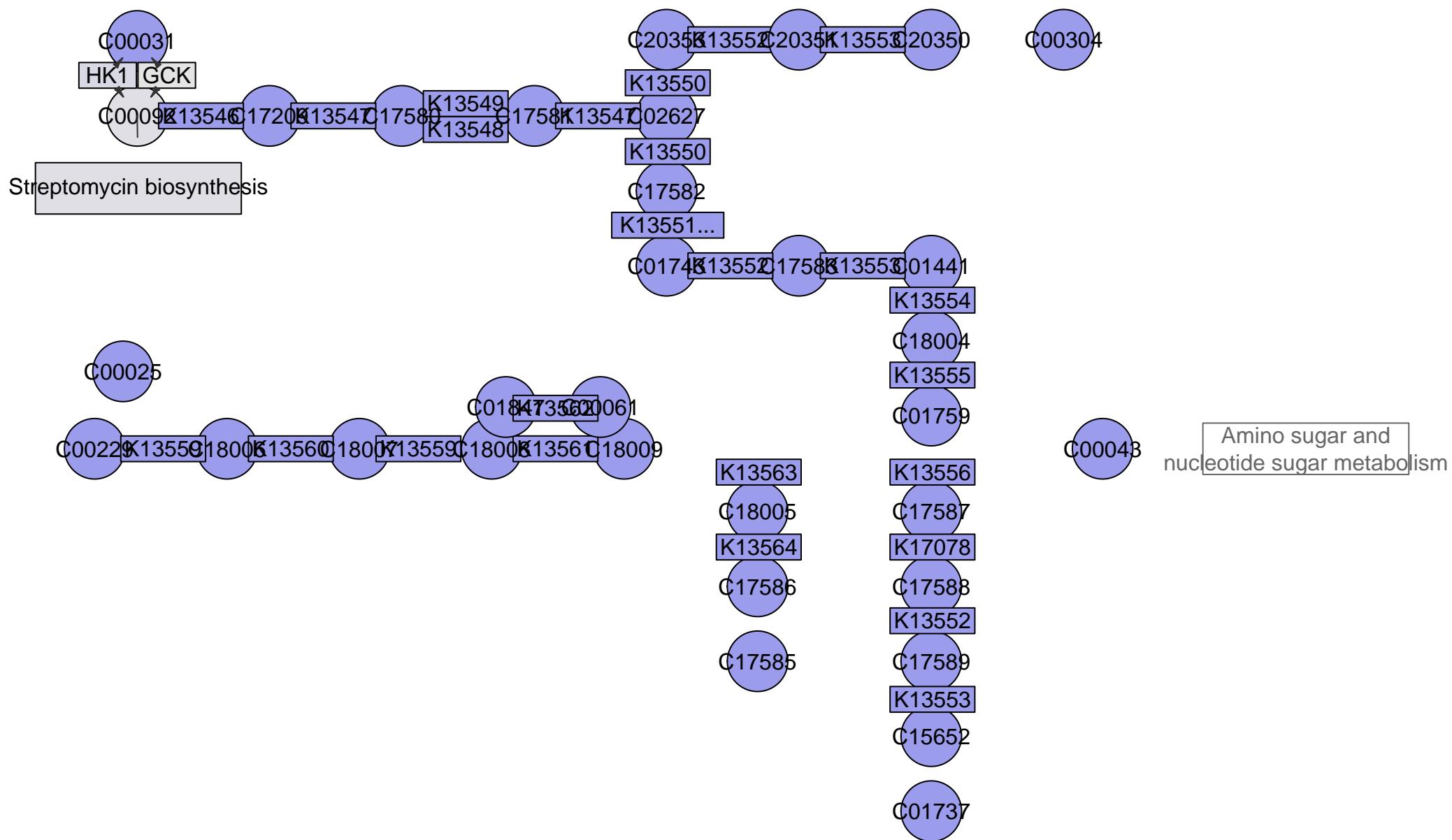
Butirosin and
neomycin biosynthesis
MPI-039



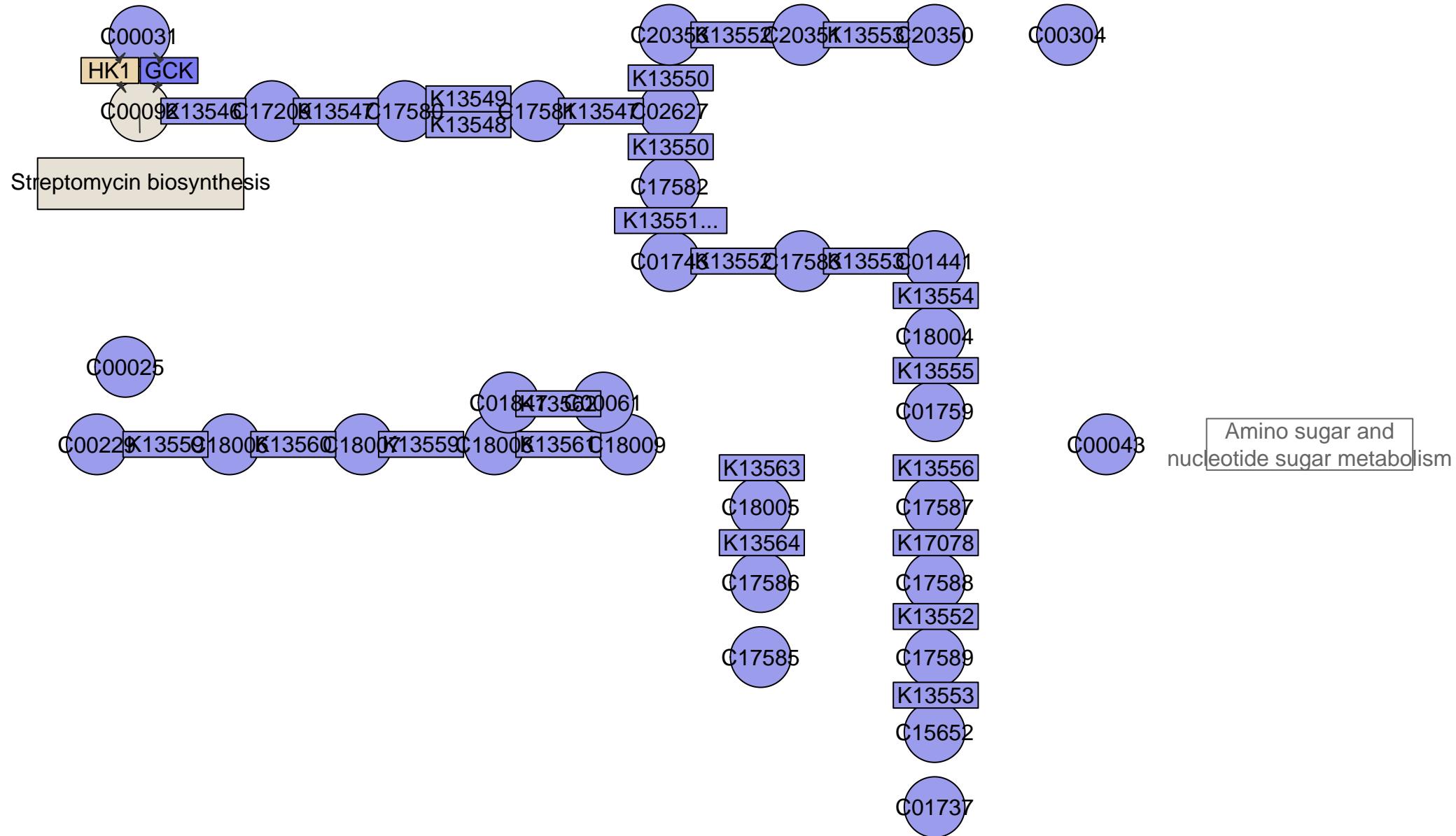
Butirosin and
neomycin biosynthesis
MPI-040



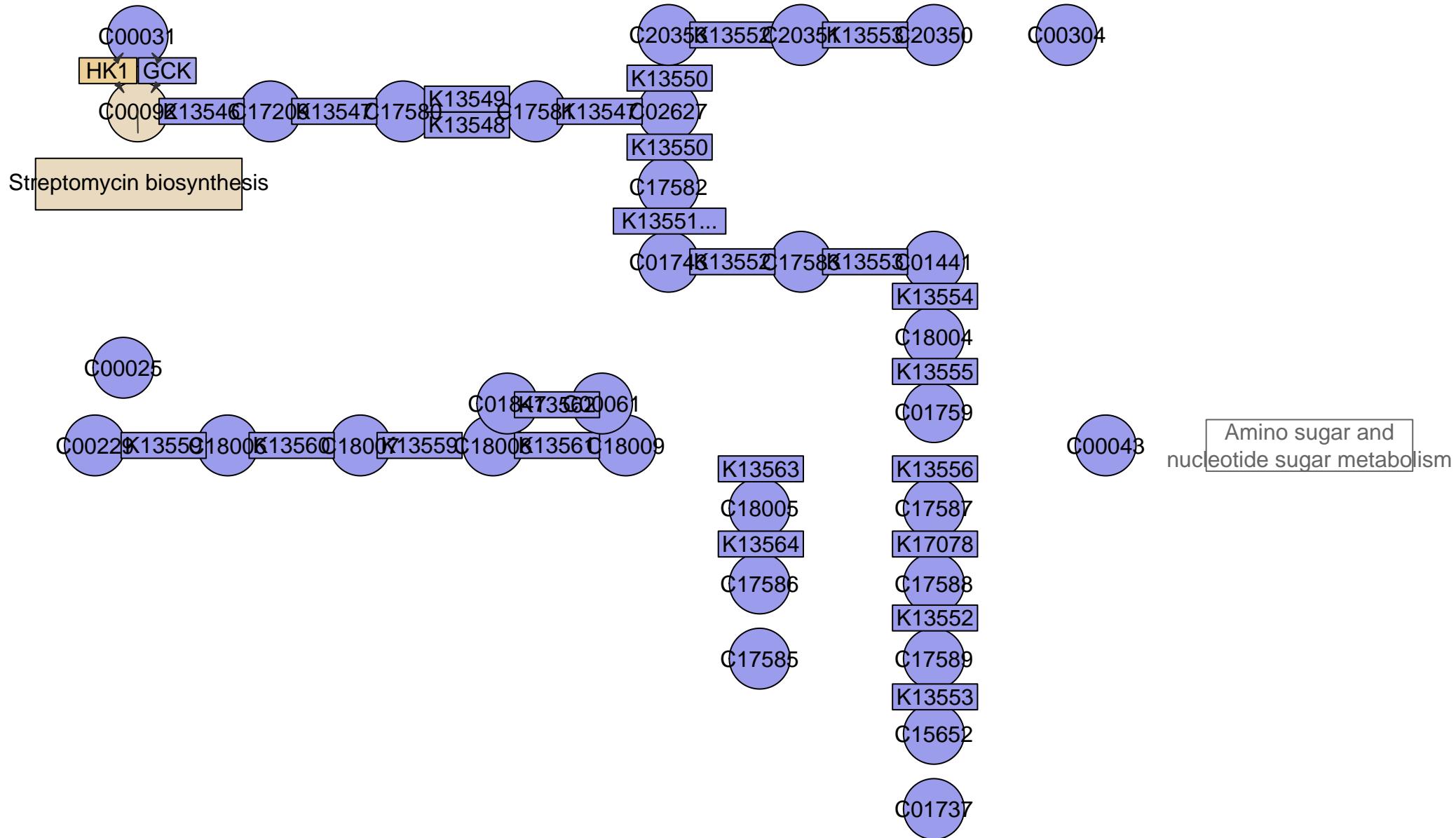
Butirosin and
neomycin biosynthesis
MPI-045



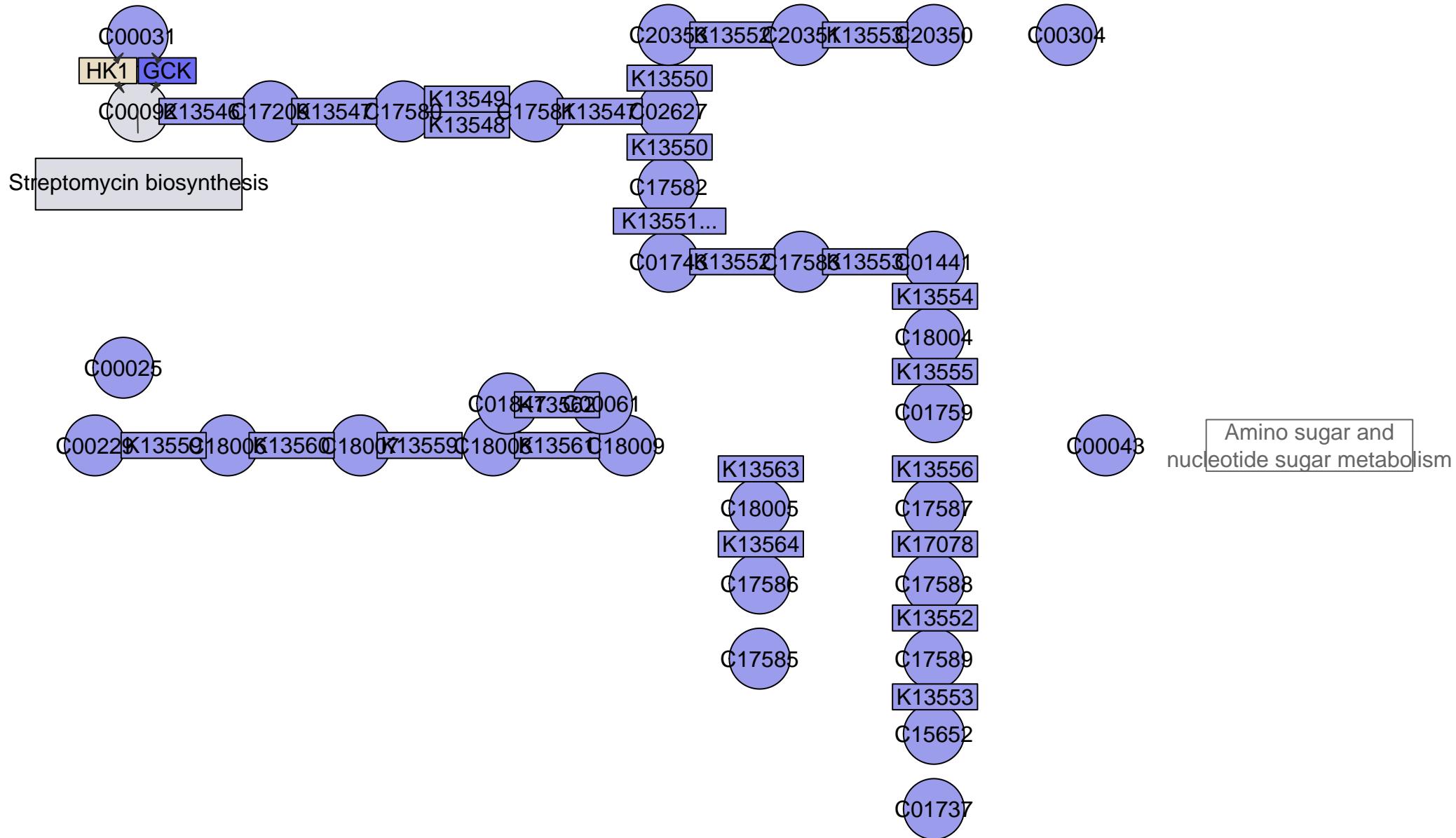
Butirosin and
neomycin biosynthesis
MPI-047



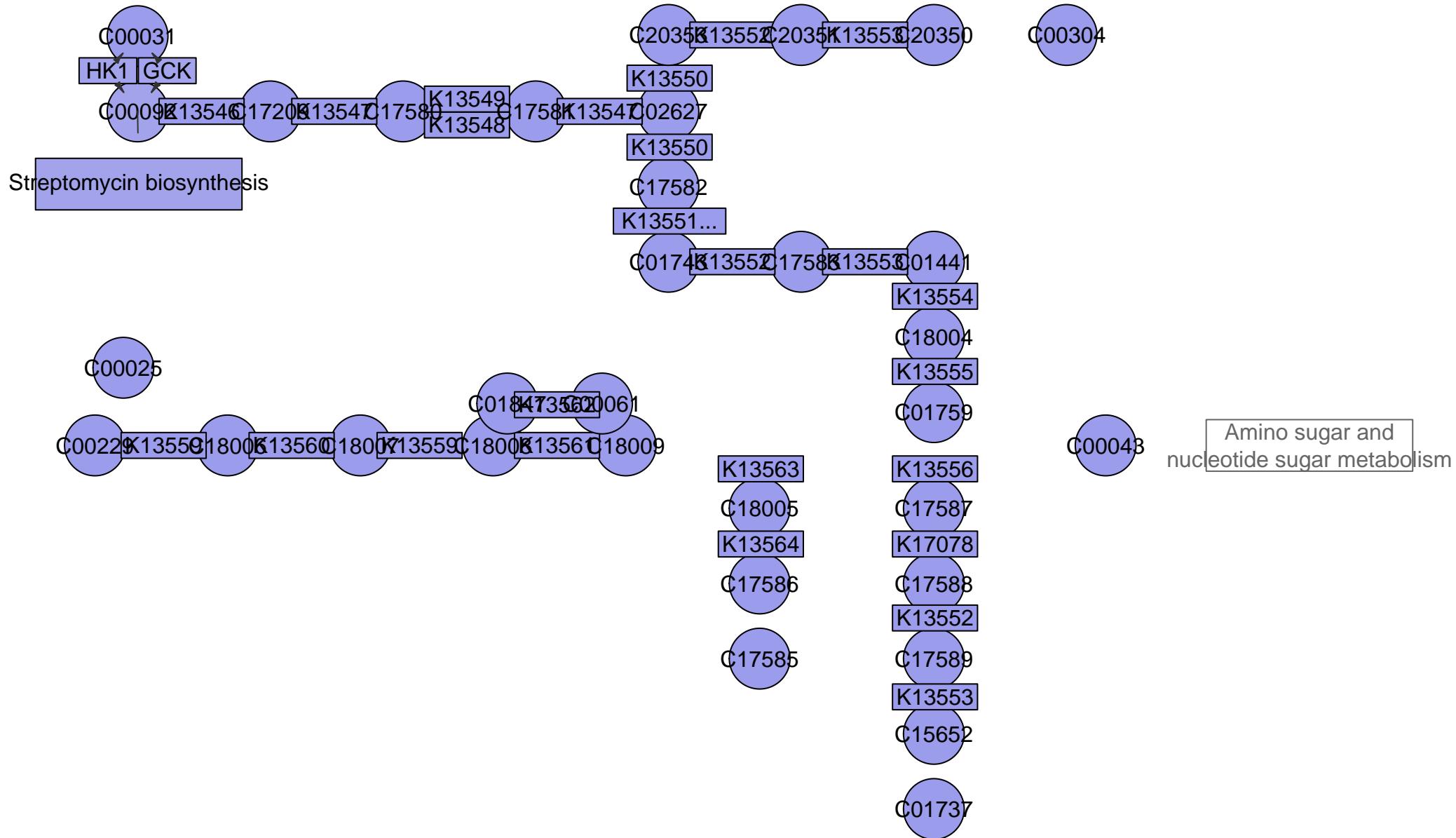
Butirosin and
neomycin biosynthesis
MPI-053



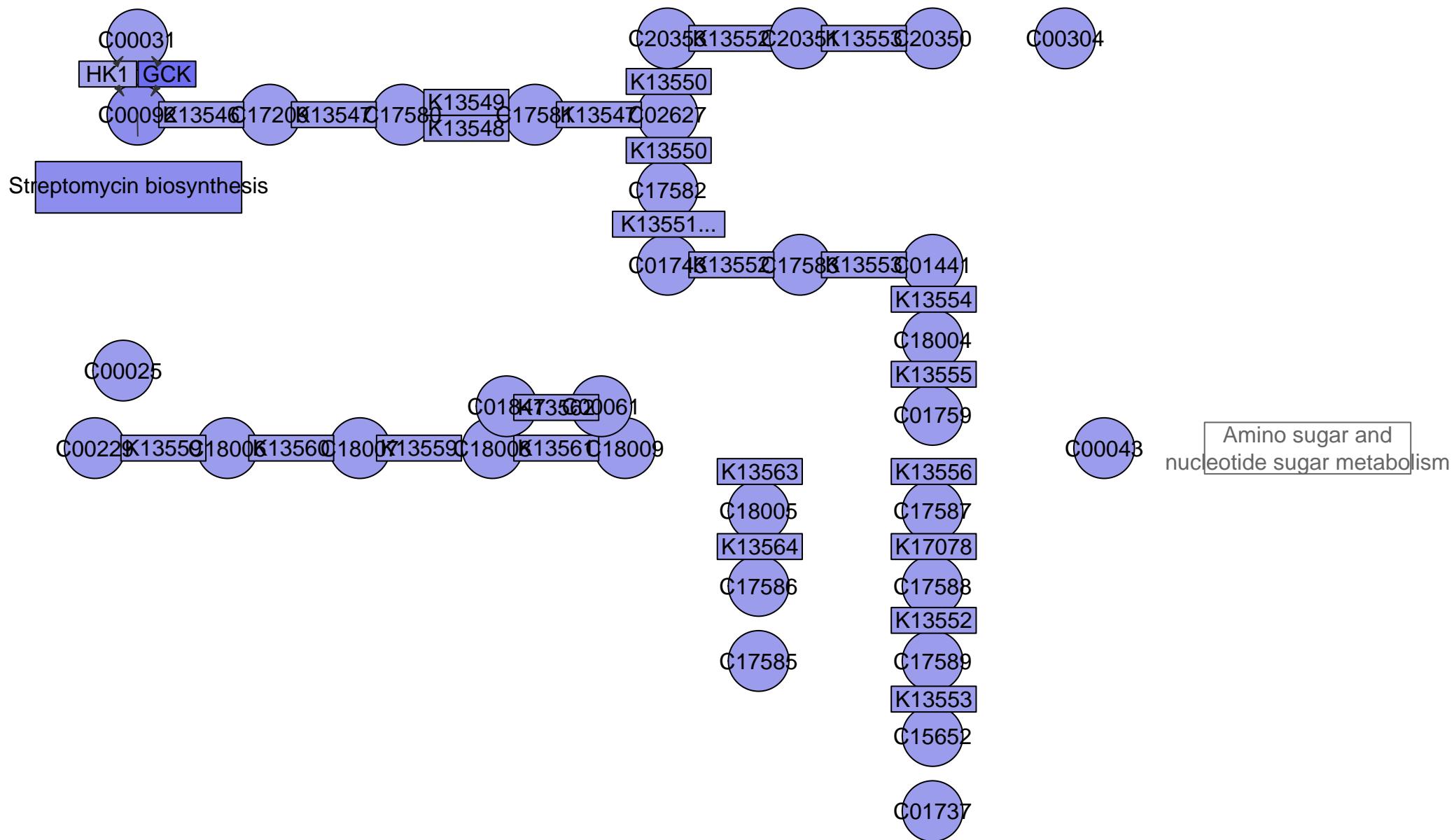
Butirosin and
neomycin biosynthesis
MPI-062



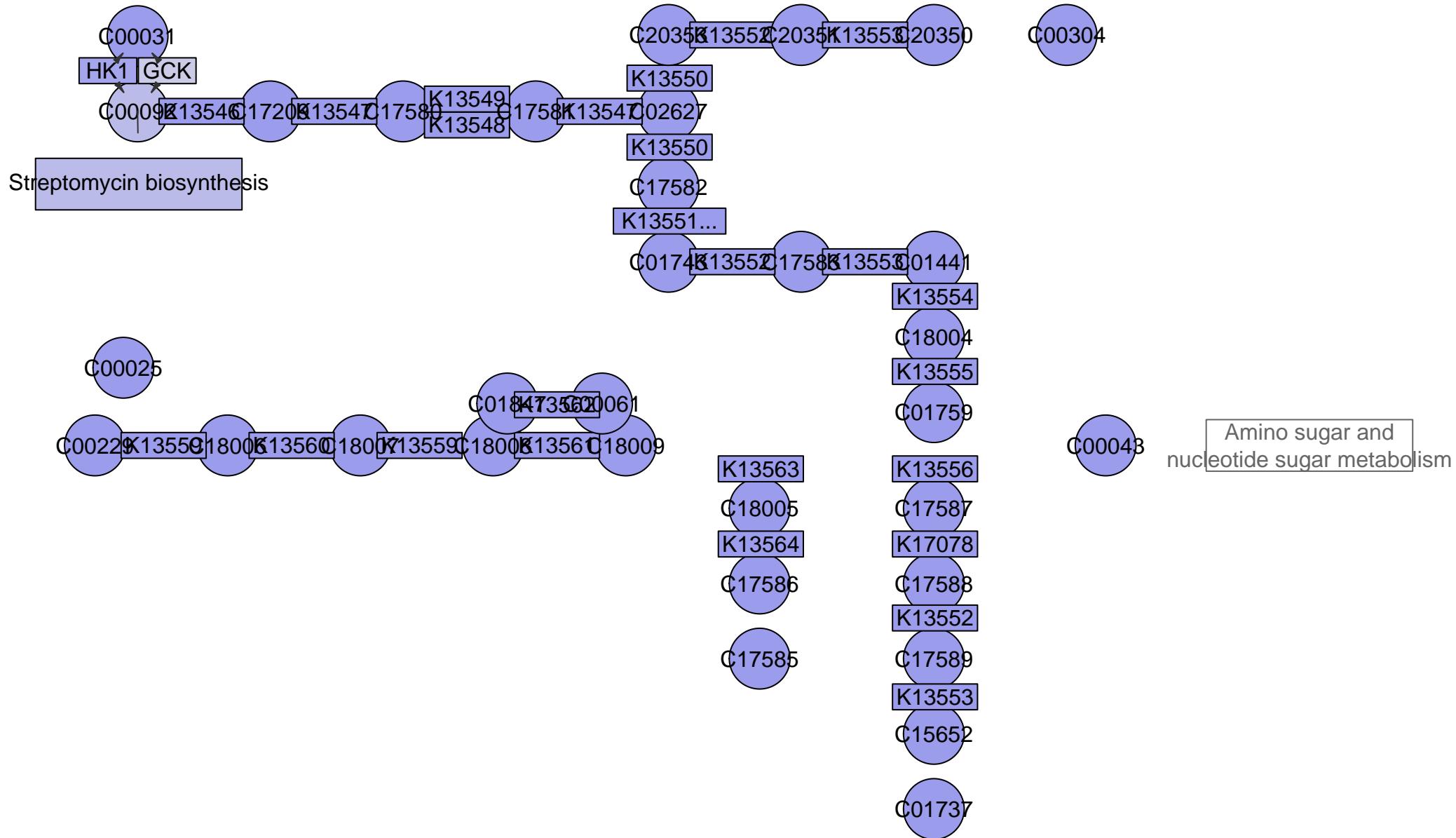
Butirosin and
neomycin biosynthesis
MPI-063



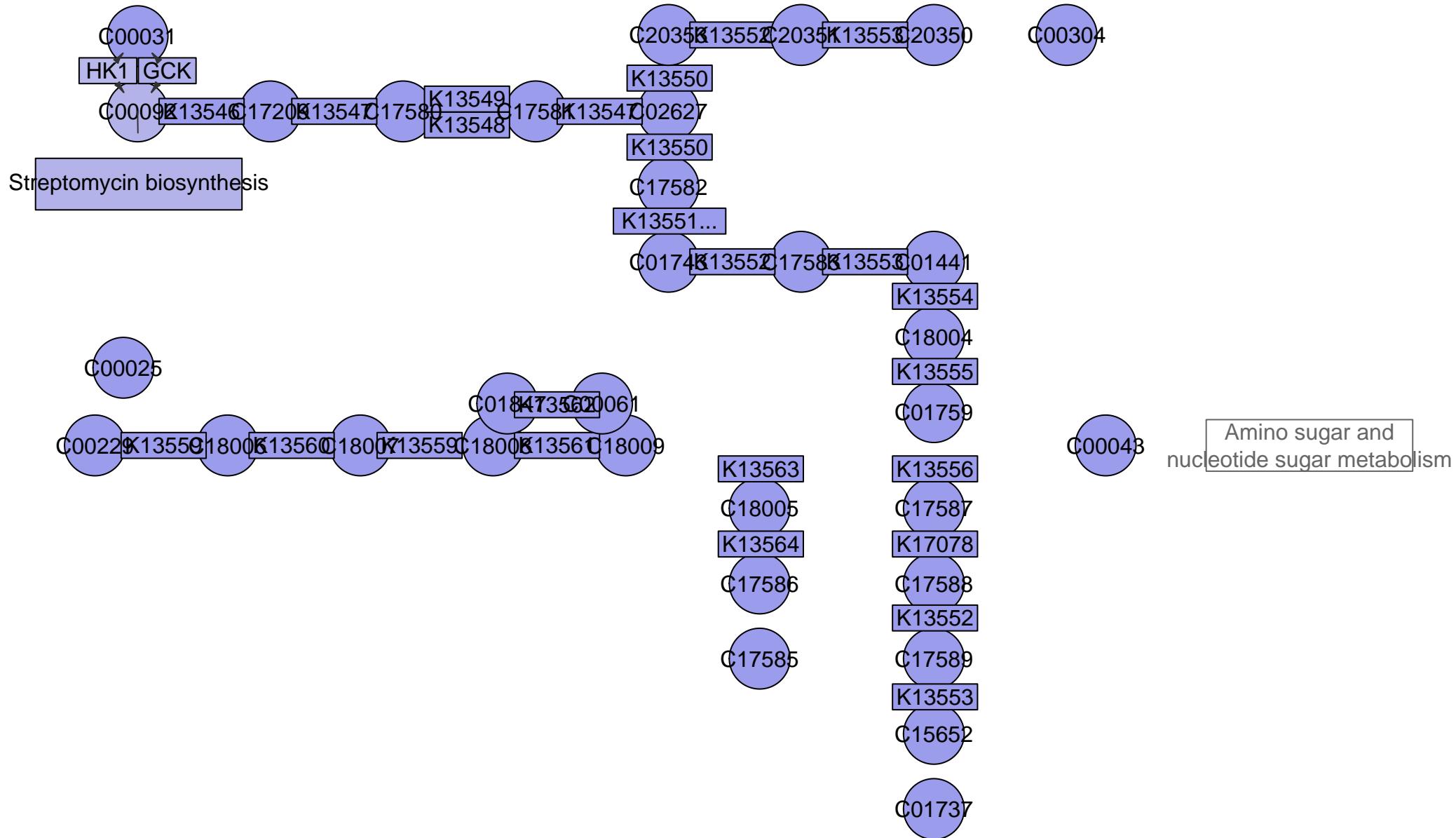
Butirosin and
neomycin biosynthesis
MPI-069



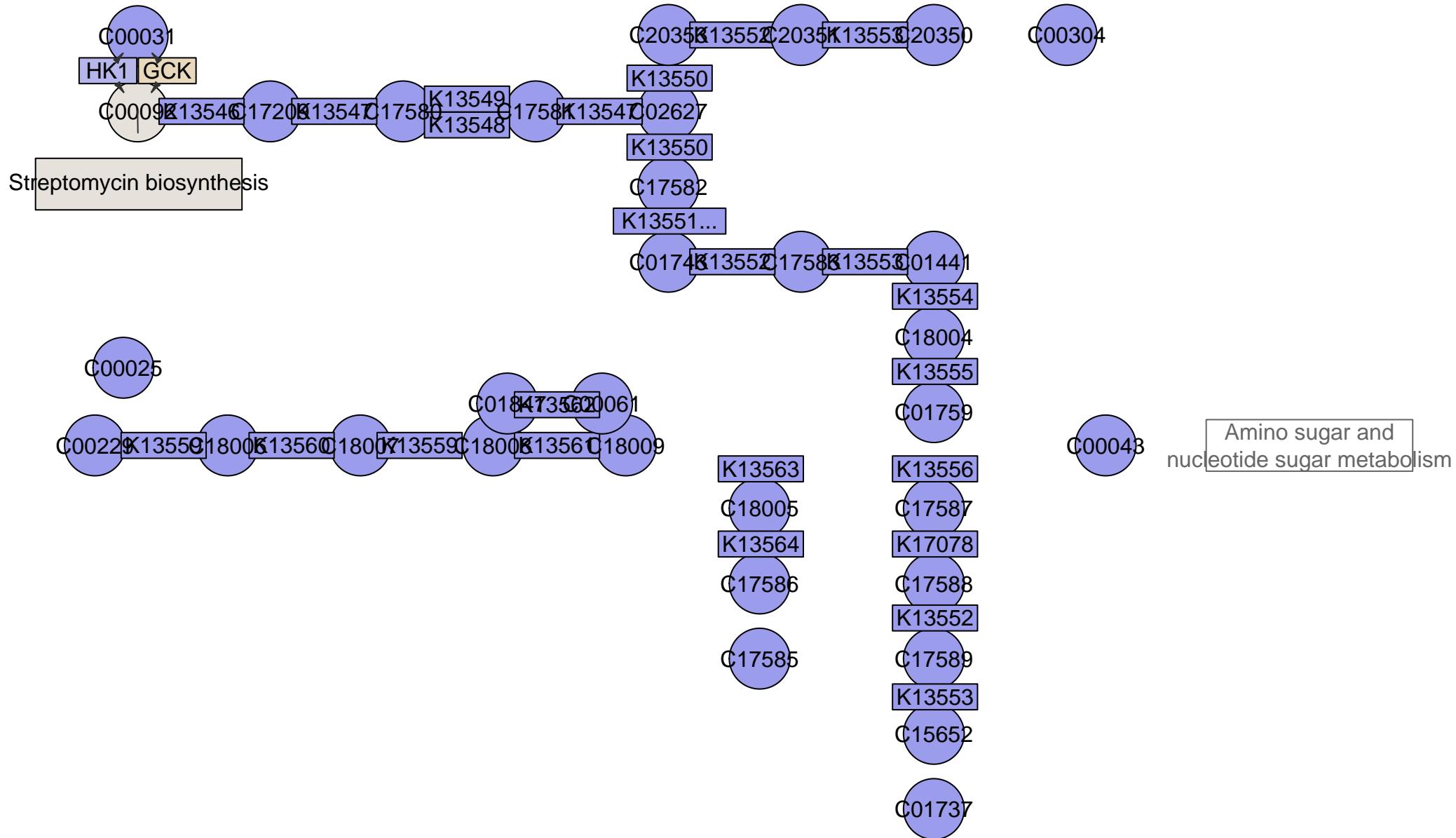
Butirosin and
neomycin biosynthesis
MPI-073



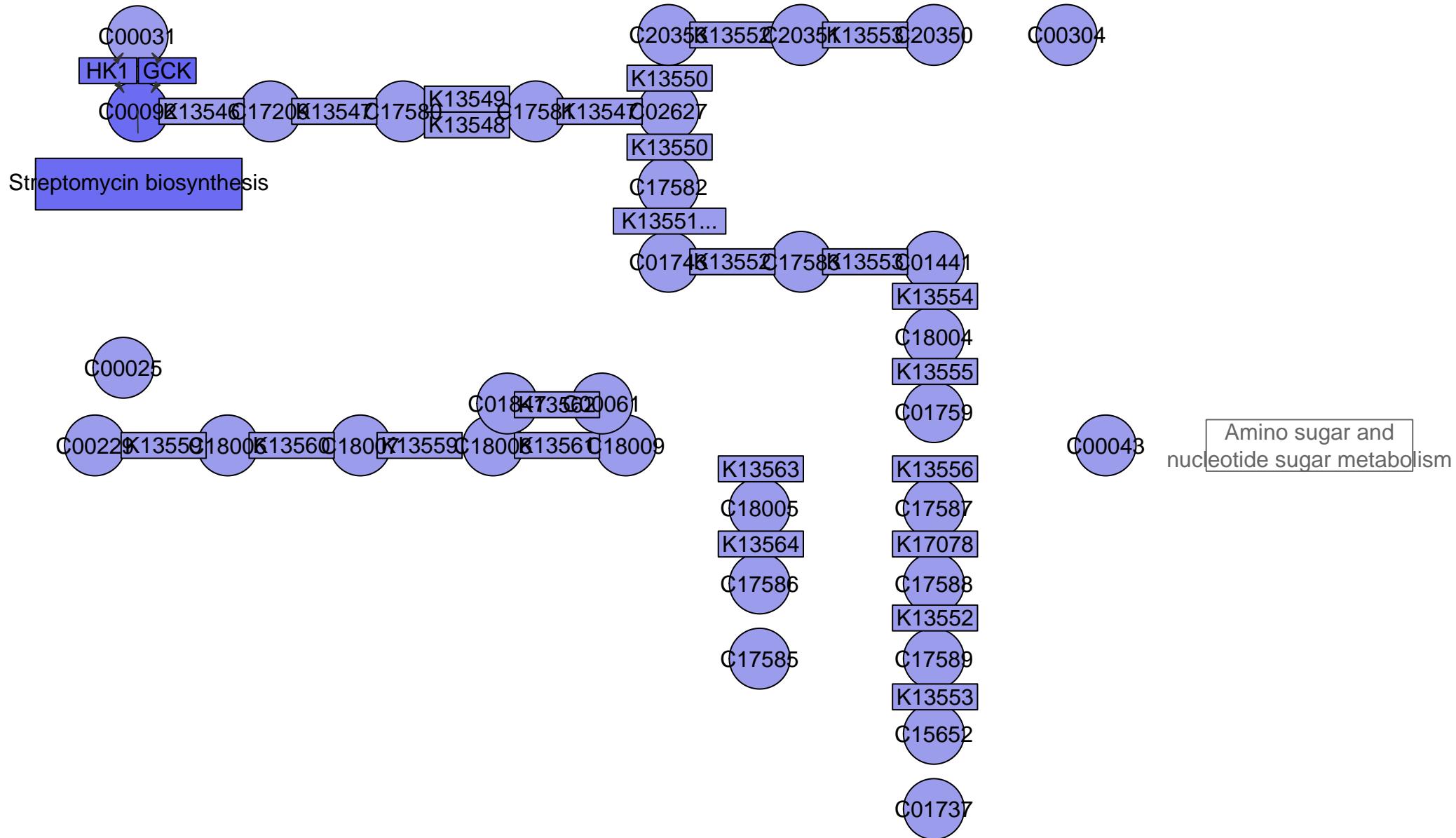
Butirosin and
neomycin biosynthesis
MPI-074



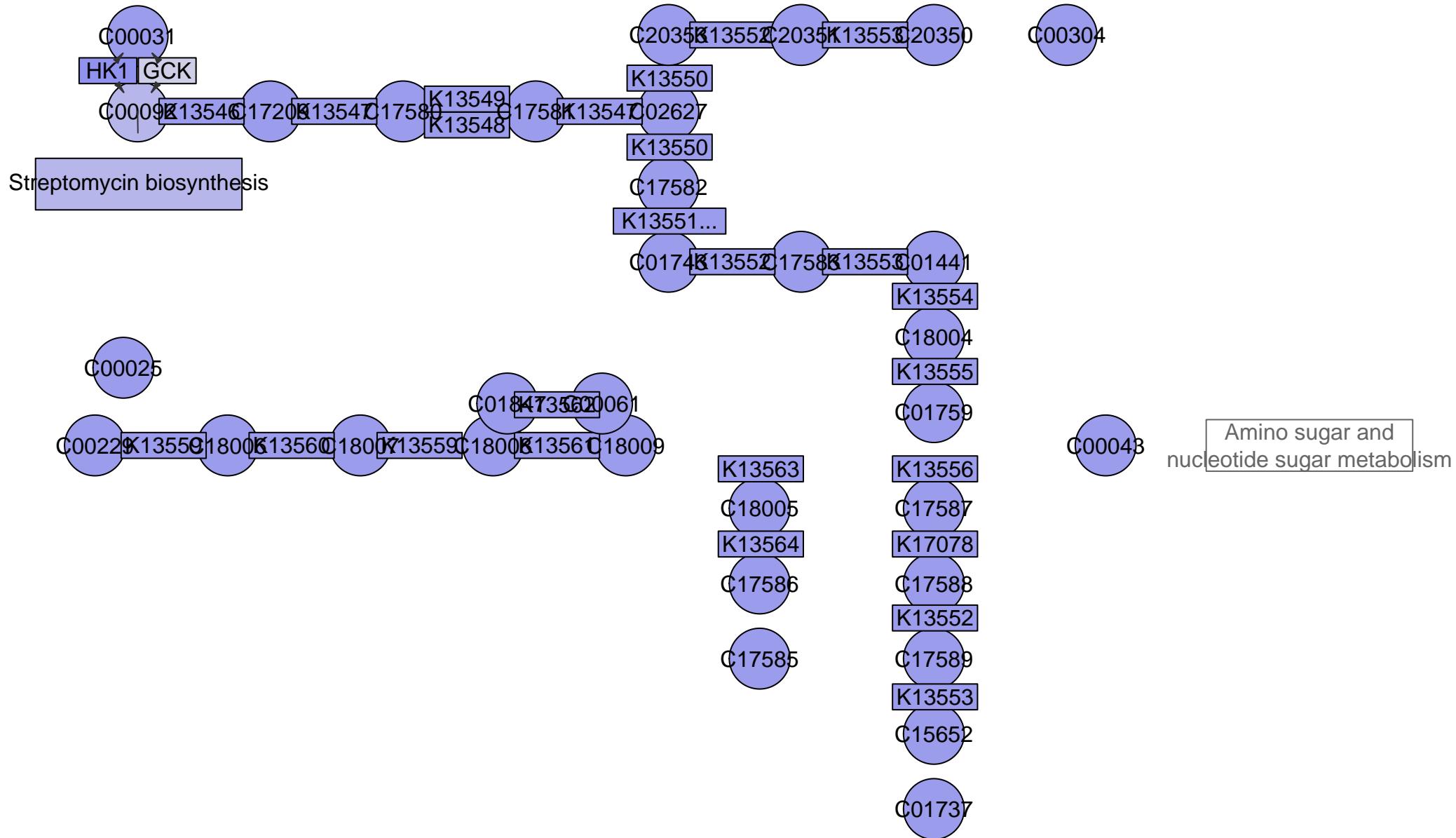
Butirosin and
neomycin biosynthesis
MPI-076



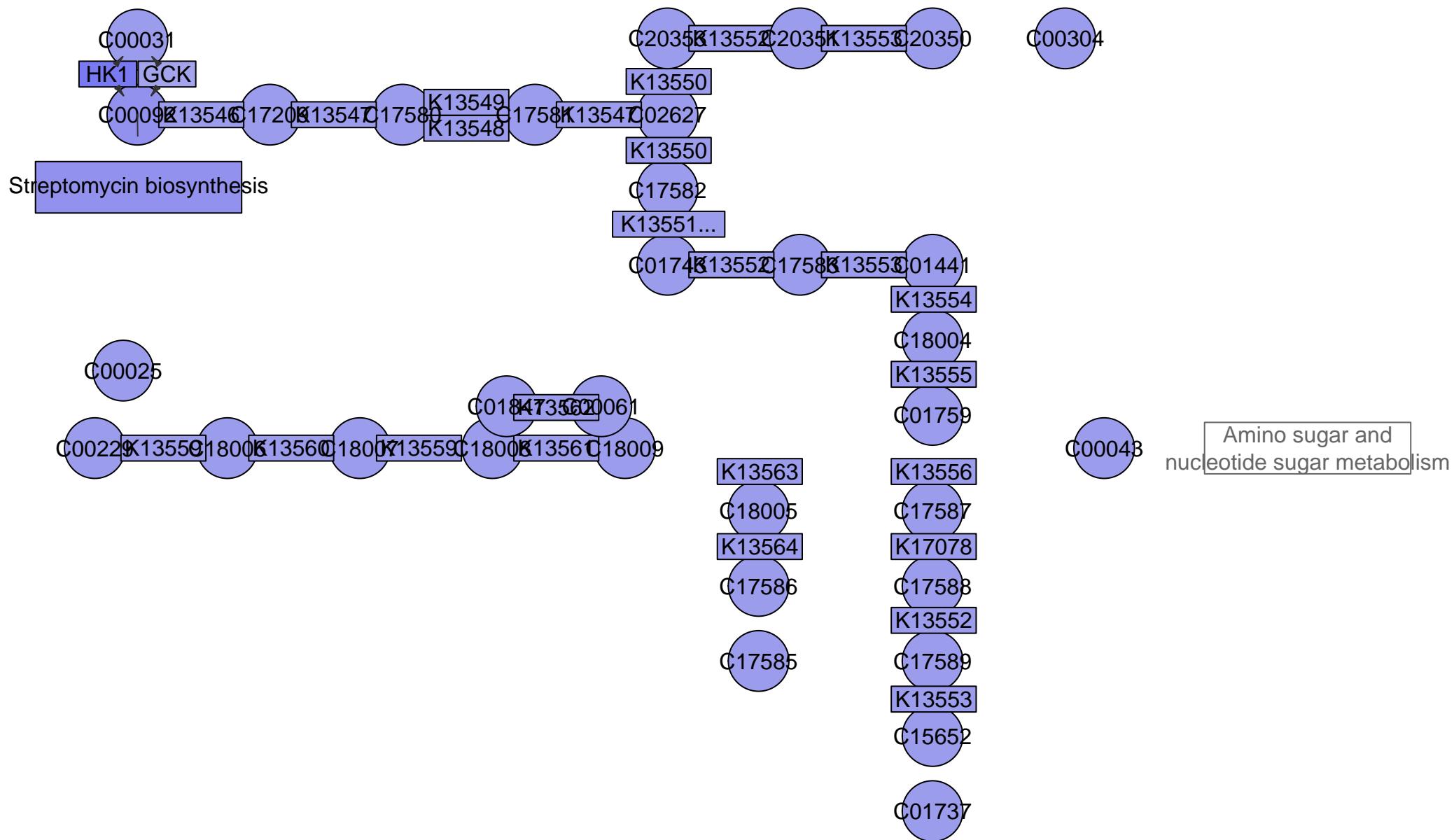
Butirosin and
neomycin biosynthesis
MPI-083



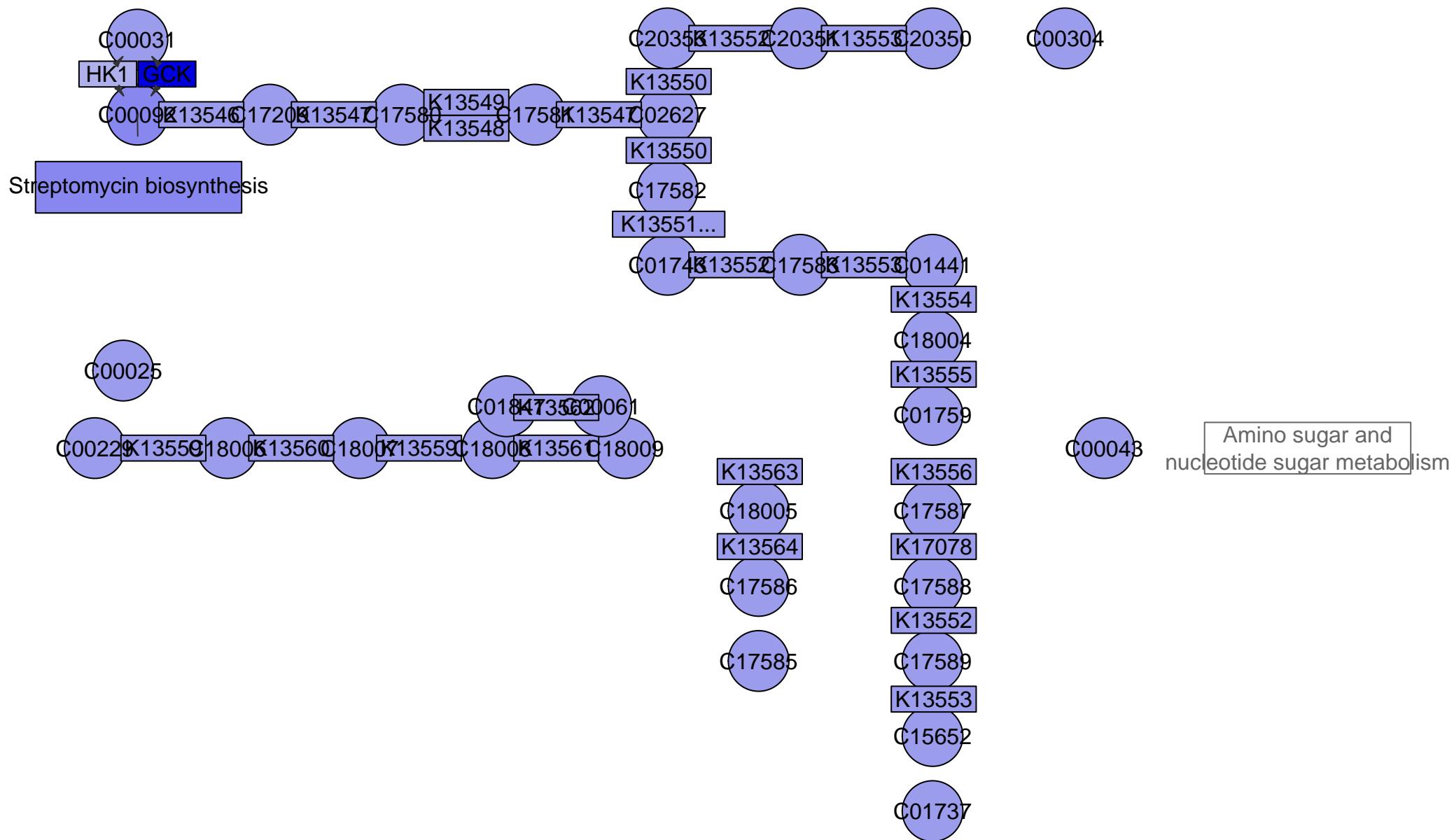
Butirosin and
neomycin biosynthesis
MPI-088



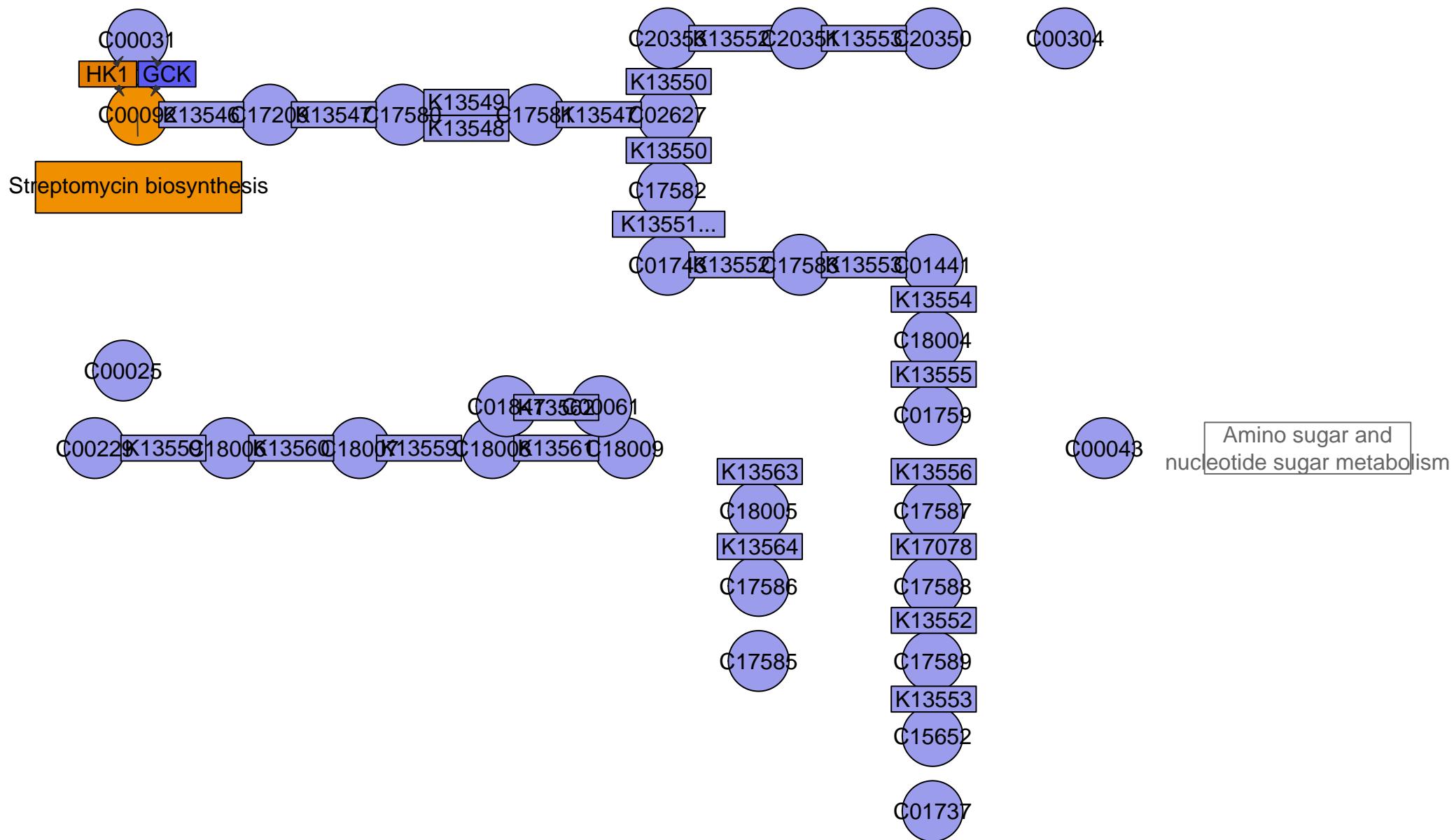
Butirosin and
neomycin biosynthesis
MPI-092



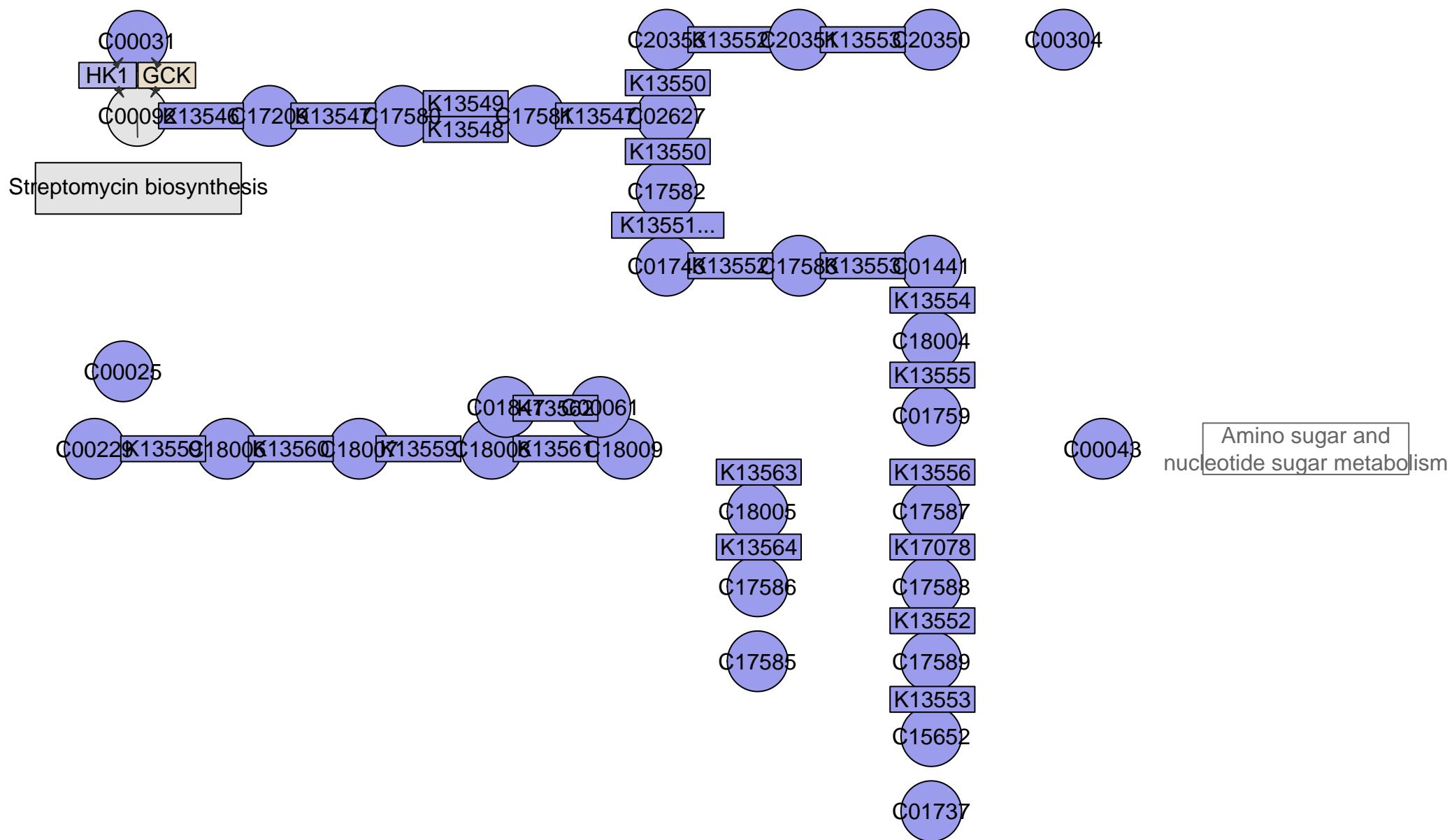
Butirosin and
neomycin biosynthesis
MPI-096



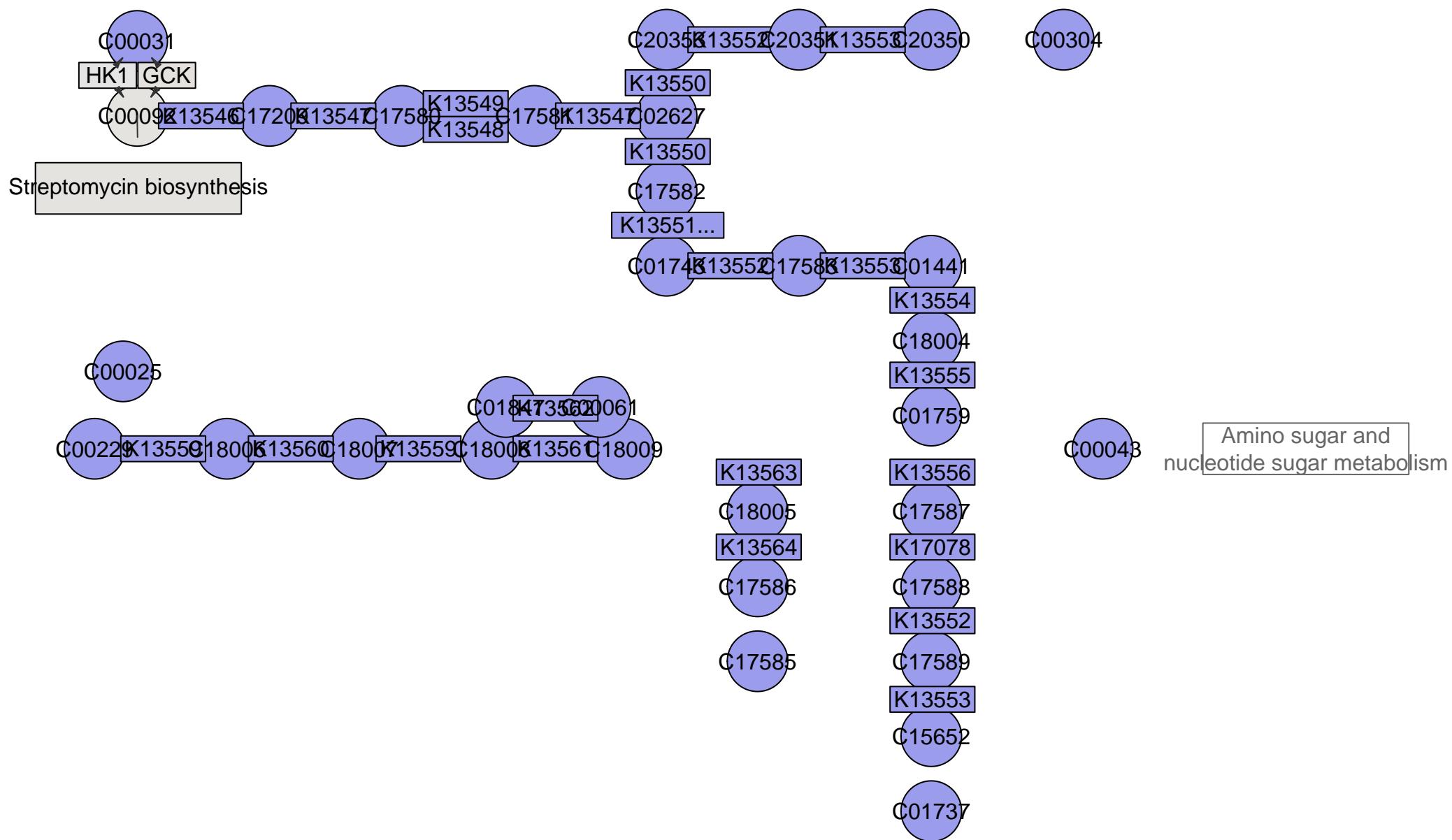
Butirosin and
neomycin biosynthesis
MPI-098



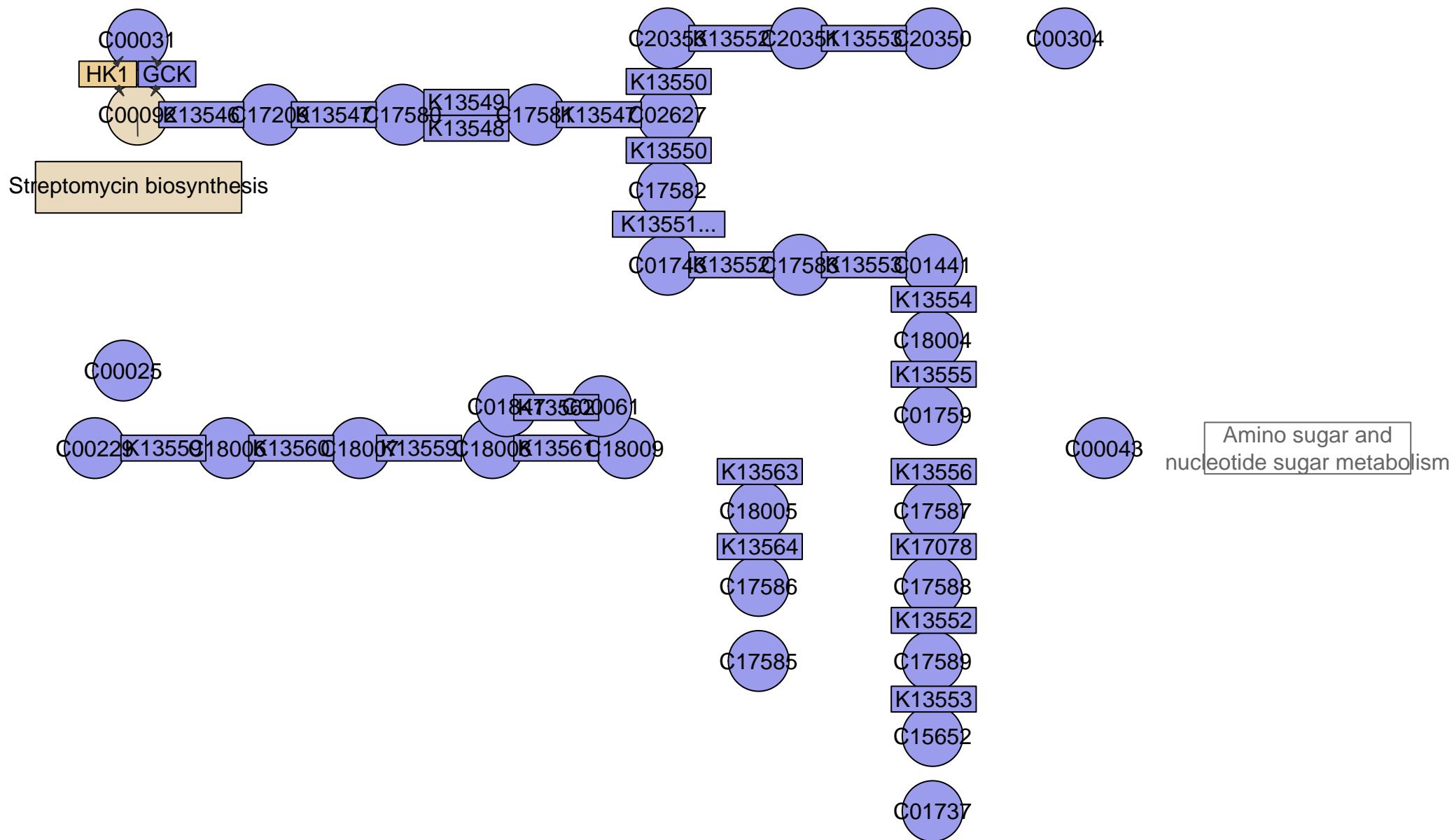
Butirosin and
neomycin biosynthesis
MPI-100



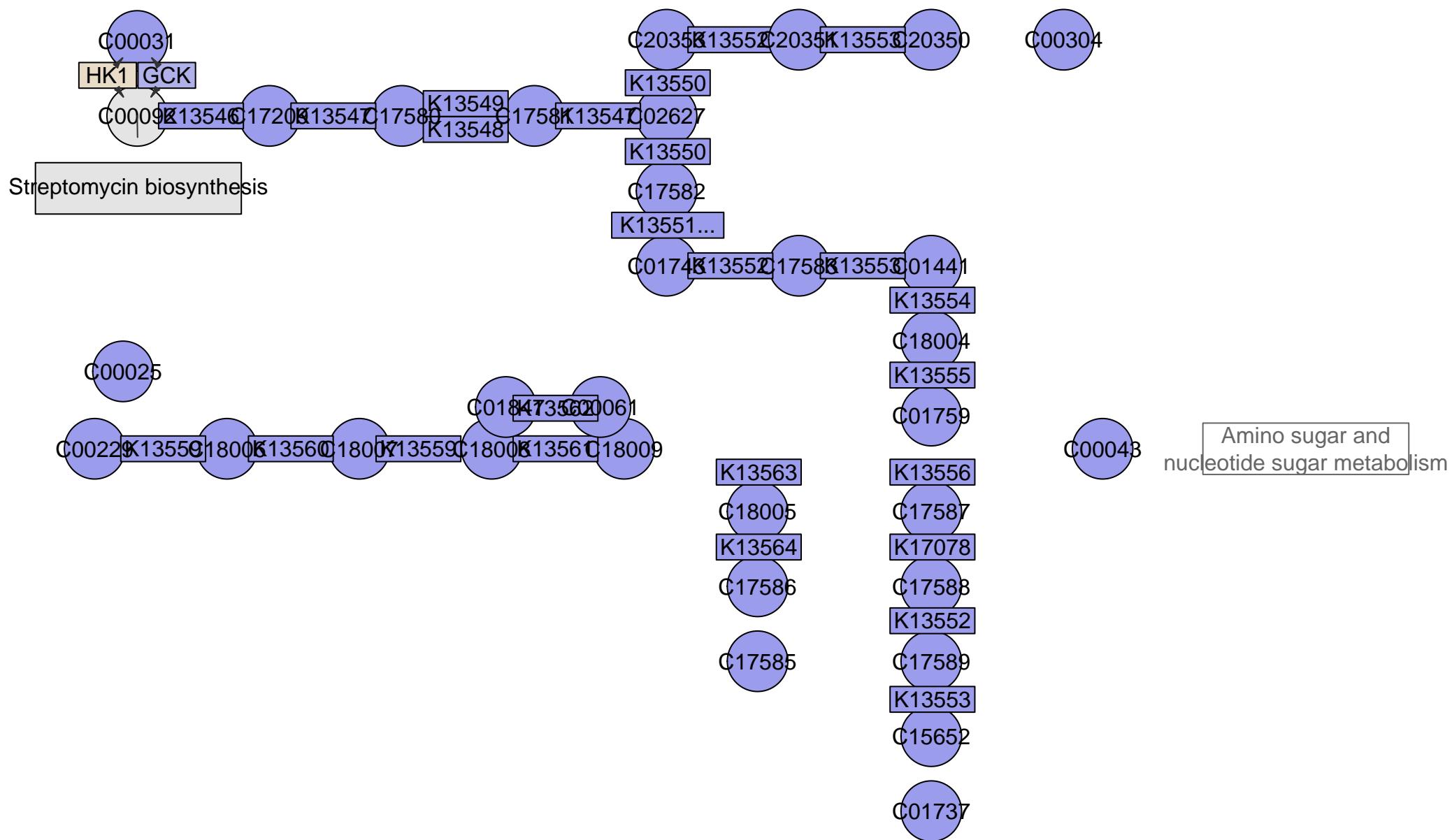
Butirosin and
neomycin biosynthesis
MPI-105



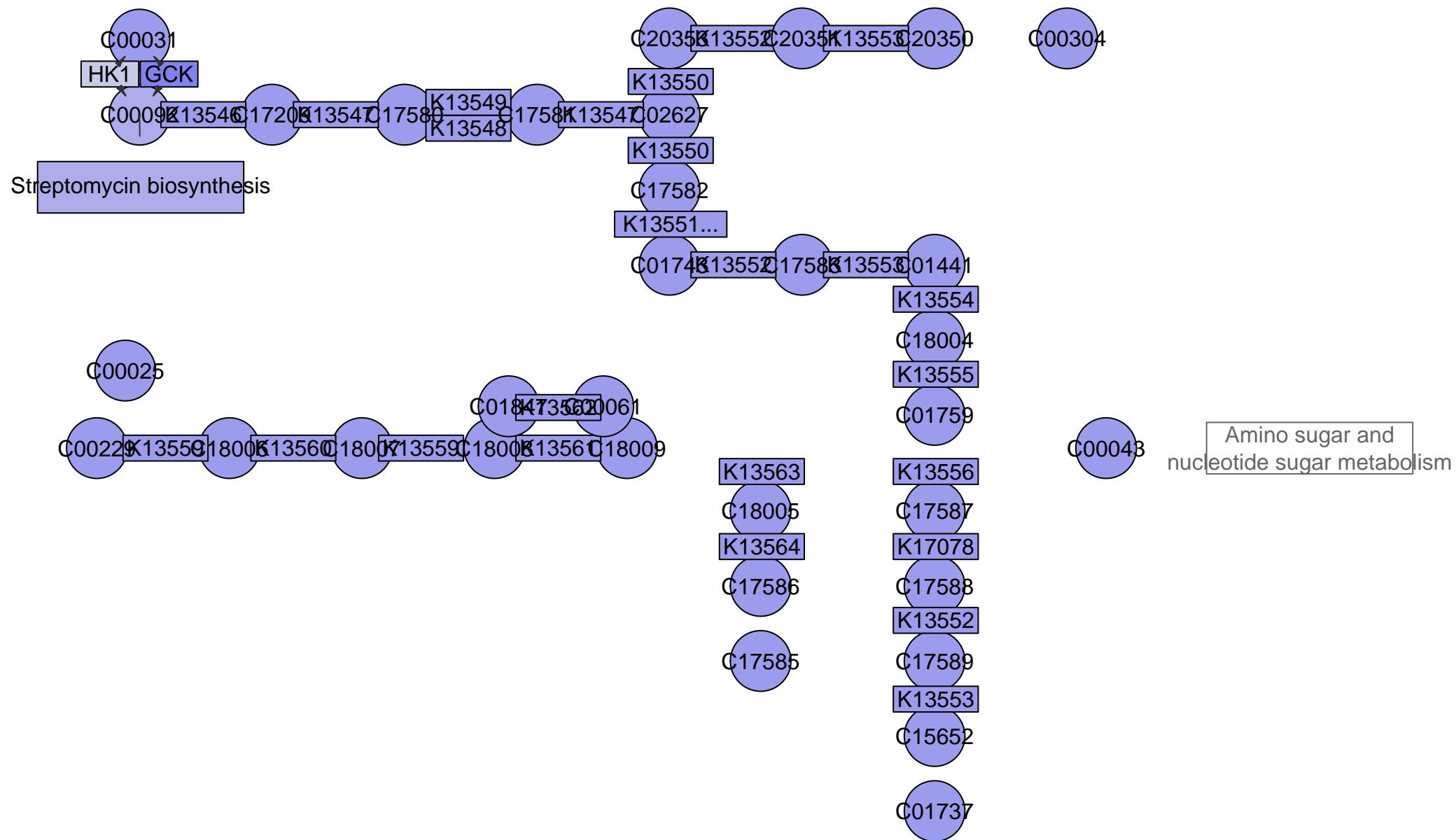
Butirosin and
neomycin biosynthesis
MPI-106



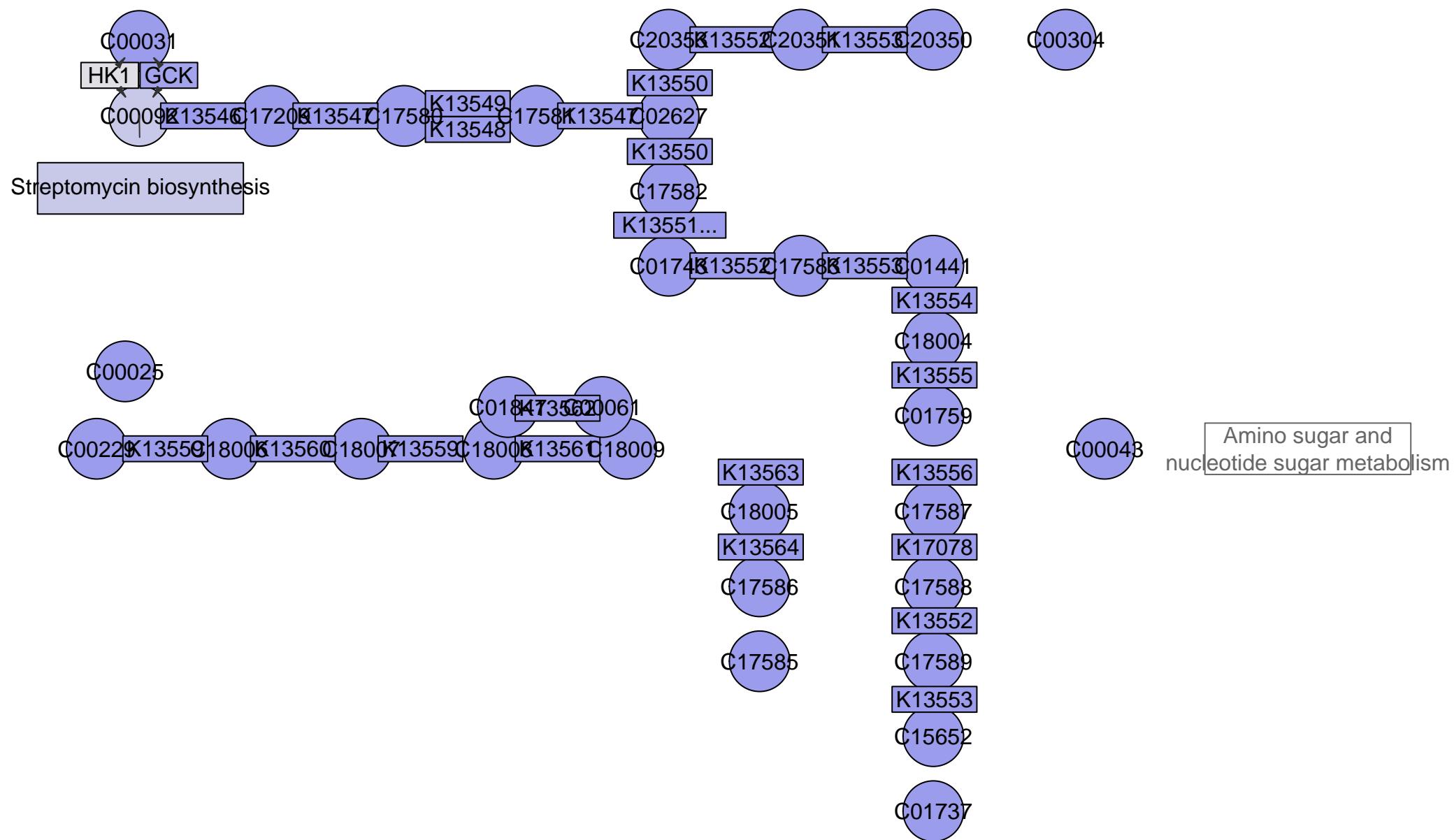
Butirosin and
neomycin biosynthesis
MPI-108

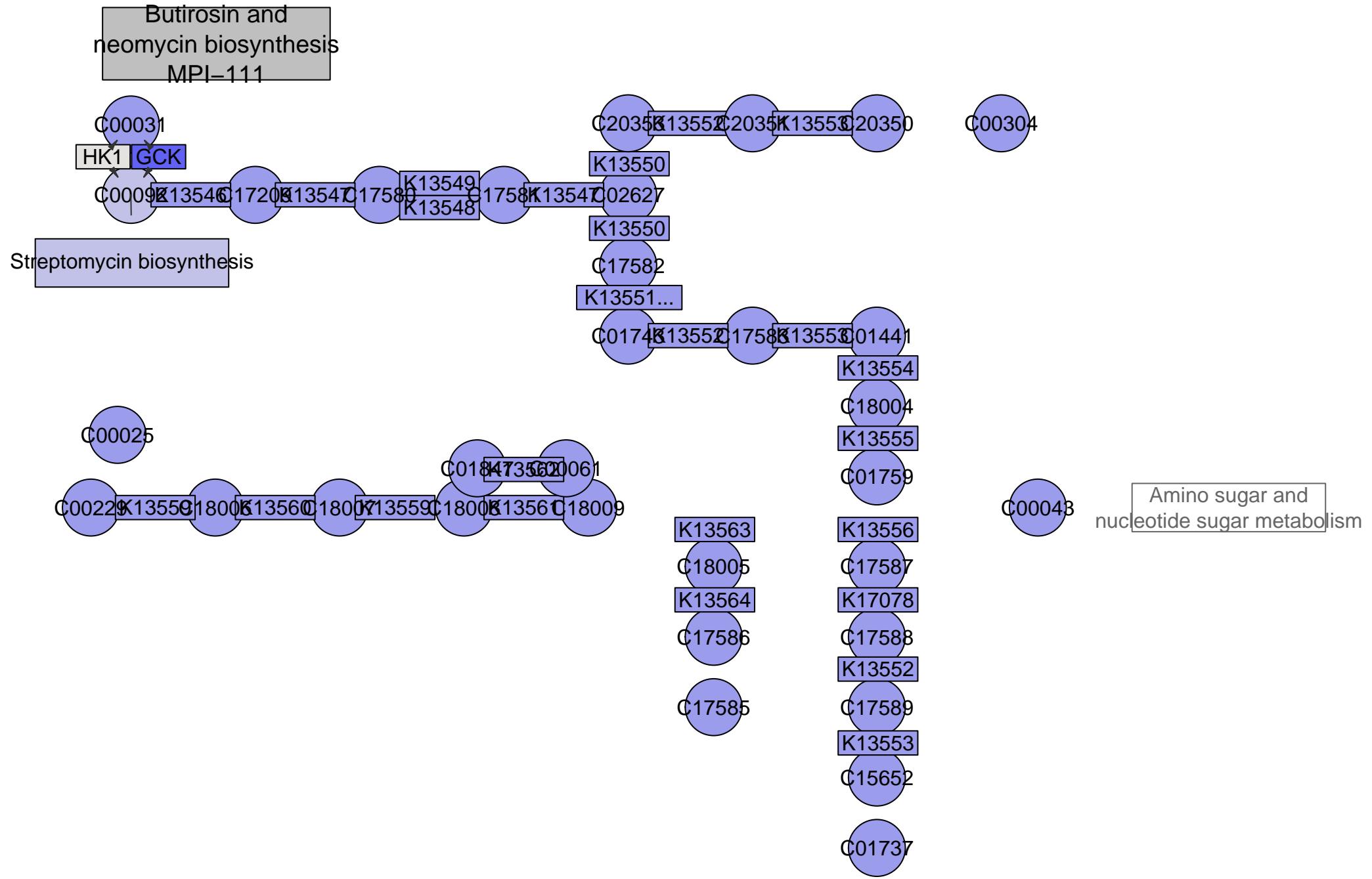


Butirosin and
neomycin biosynthesis
MPI-109

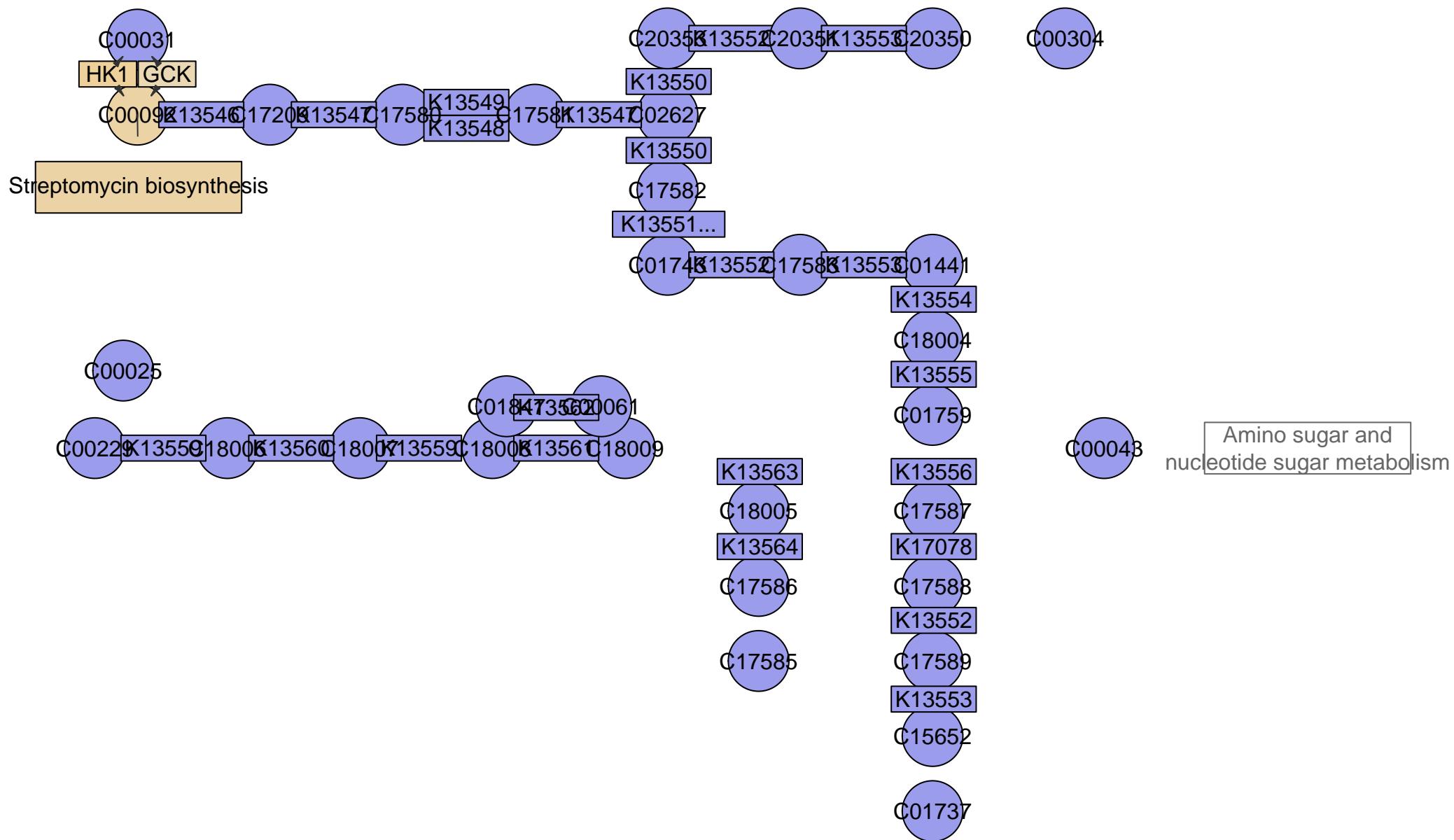


Butirosin and
neomycin biosynthesis
MPI-110

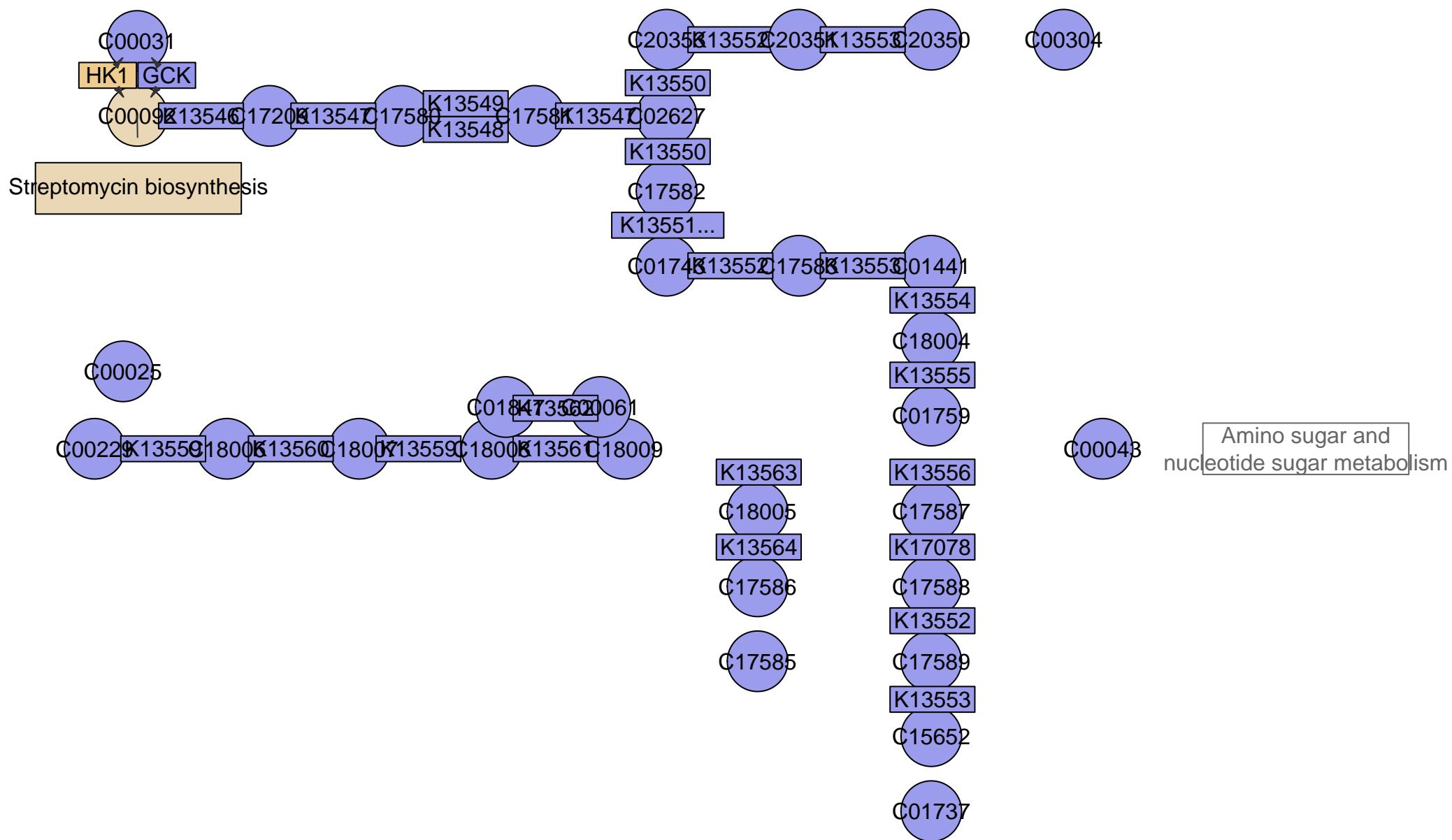




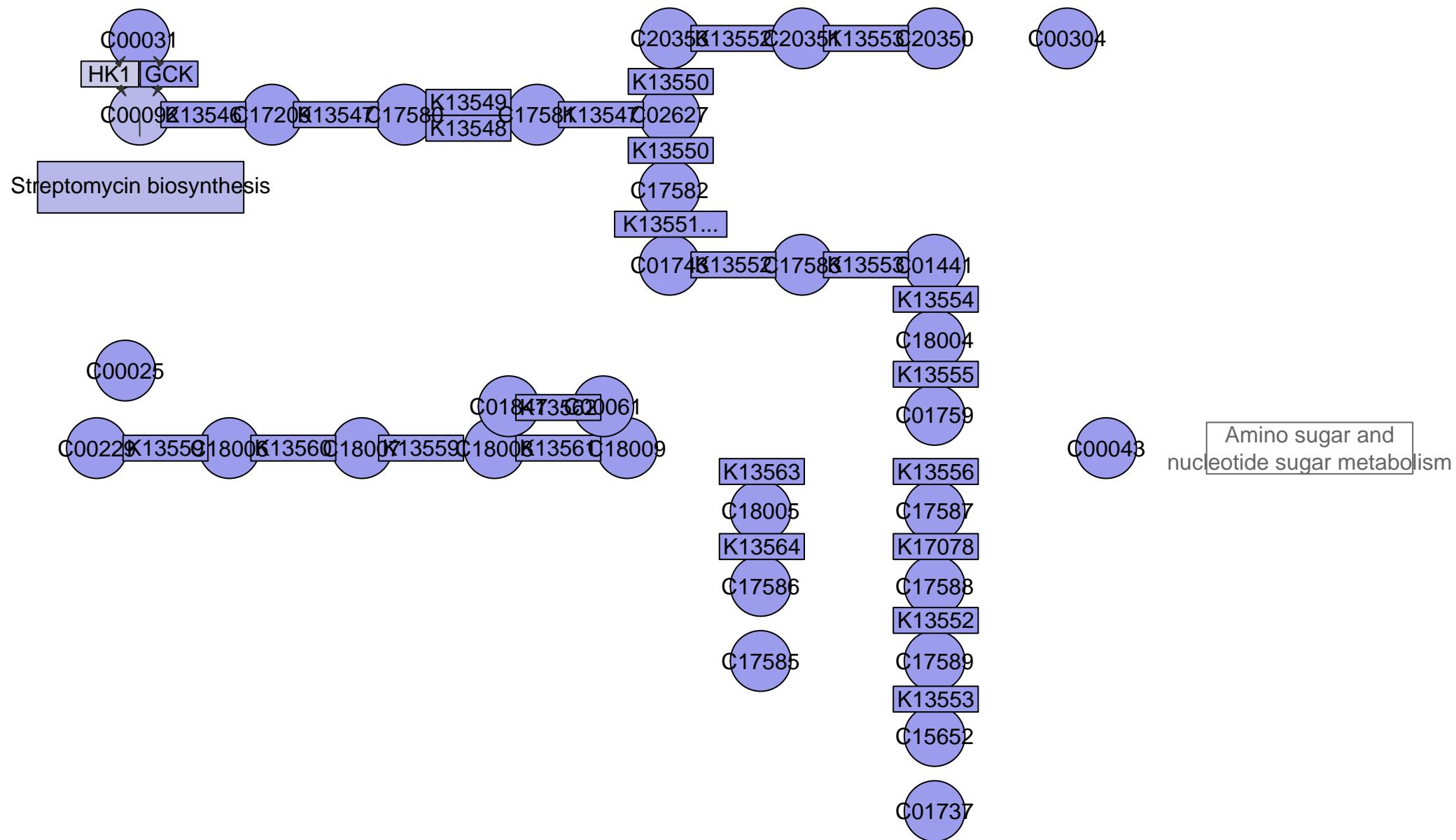
Butirosin and
neomycin biosynthesis
MPI-113



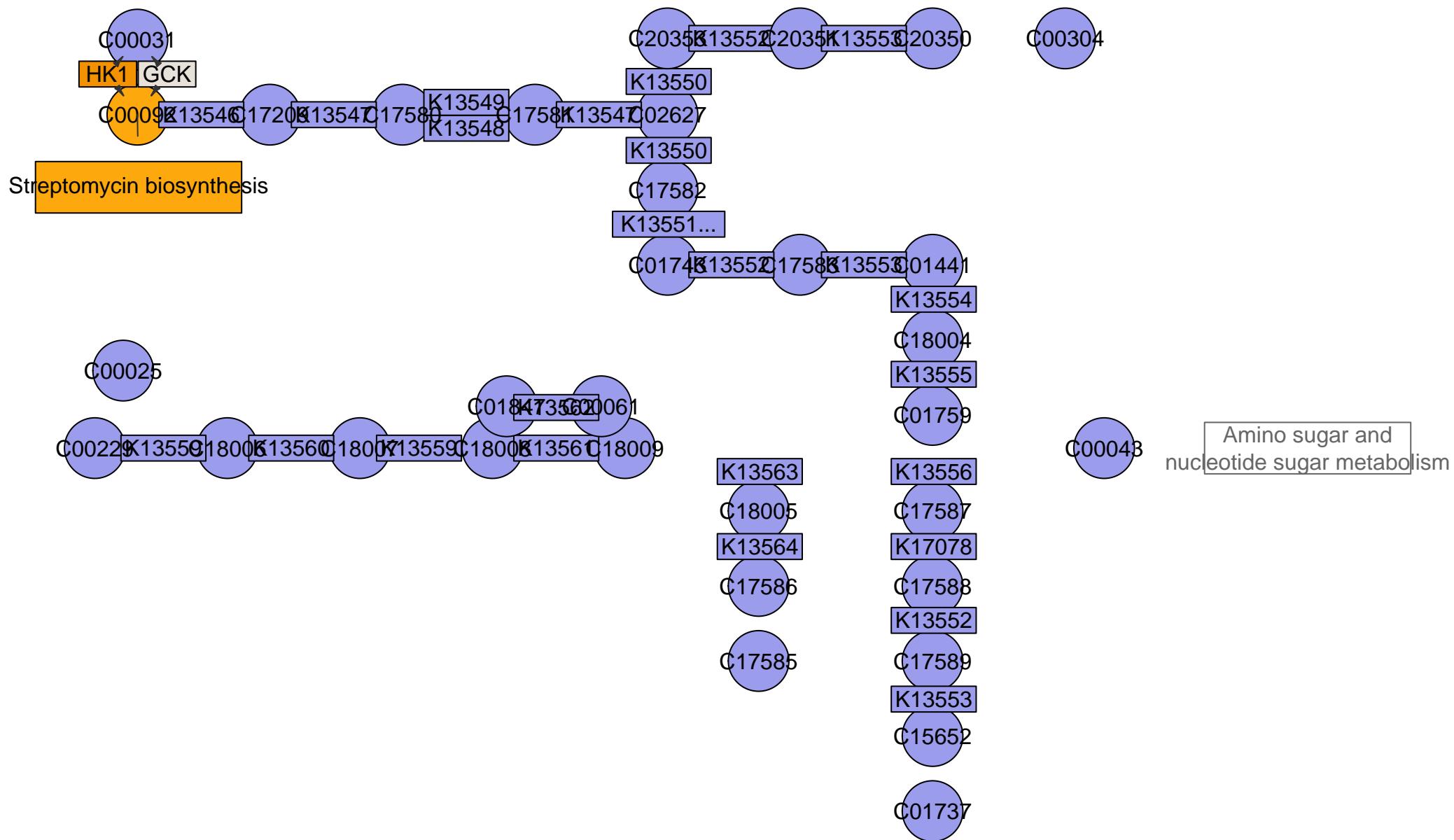
Butirosin and
neomycin biosynthesis
MPI-115



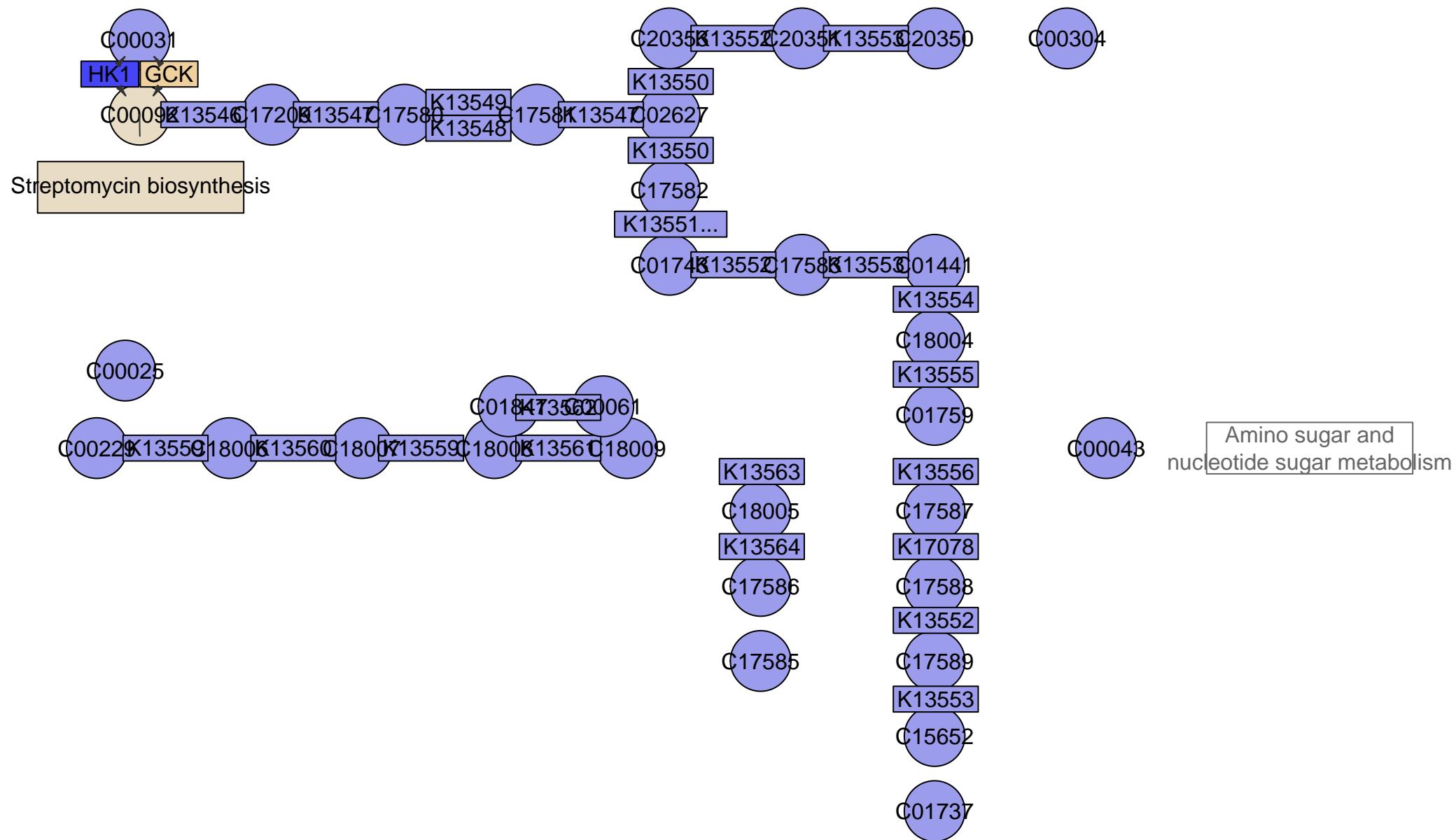
Butirosin and
neomycin biosynthesis
MPI-118



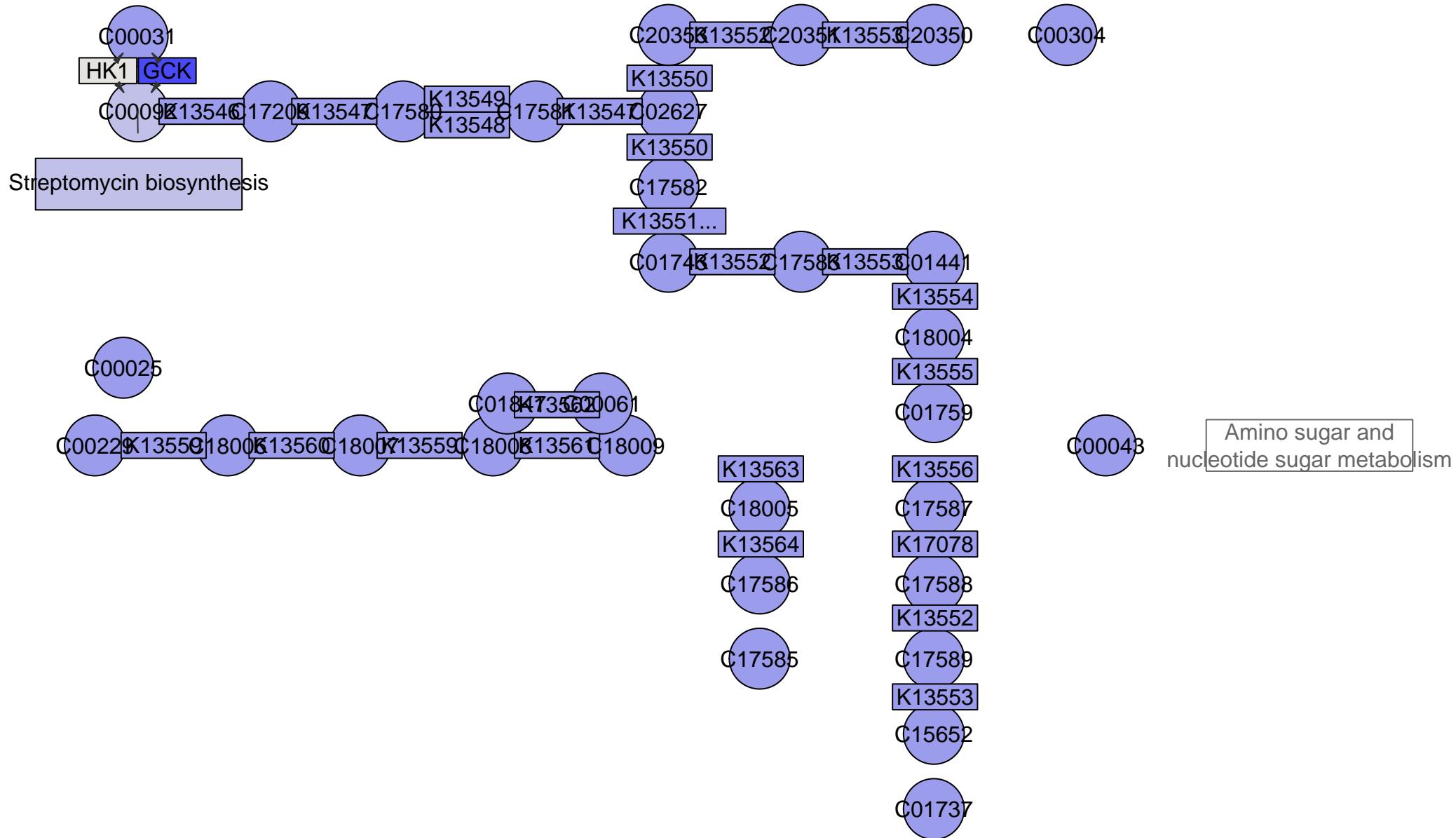
Butirosin and
neomycin biosynthesis
MPI-119



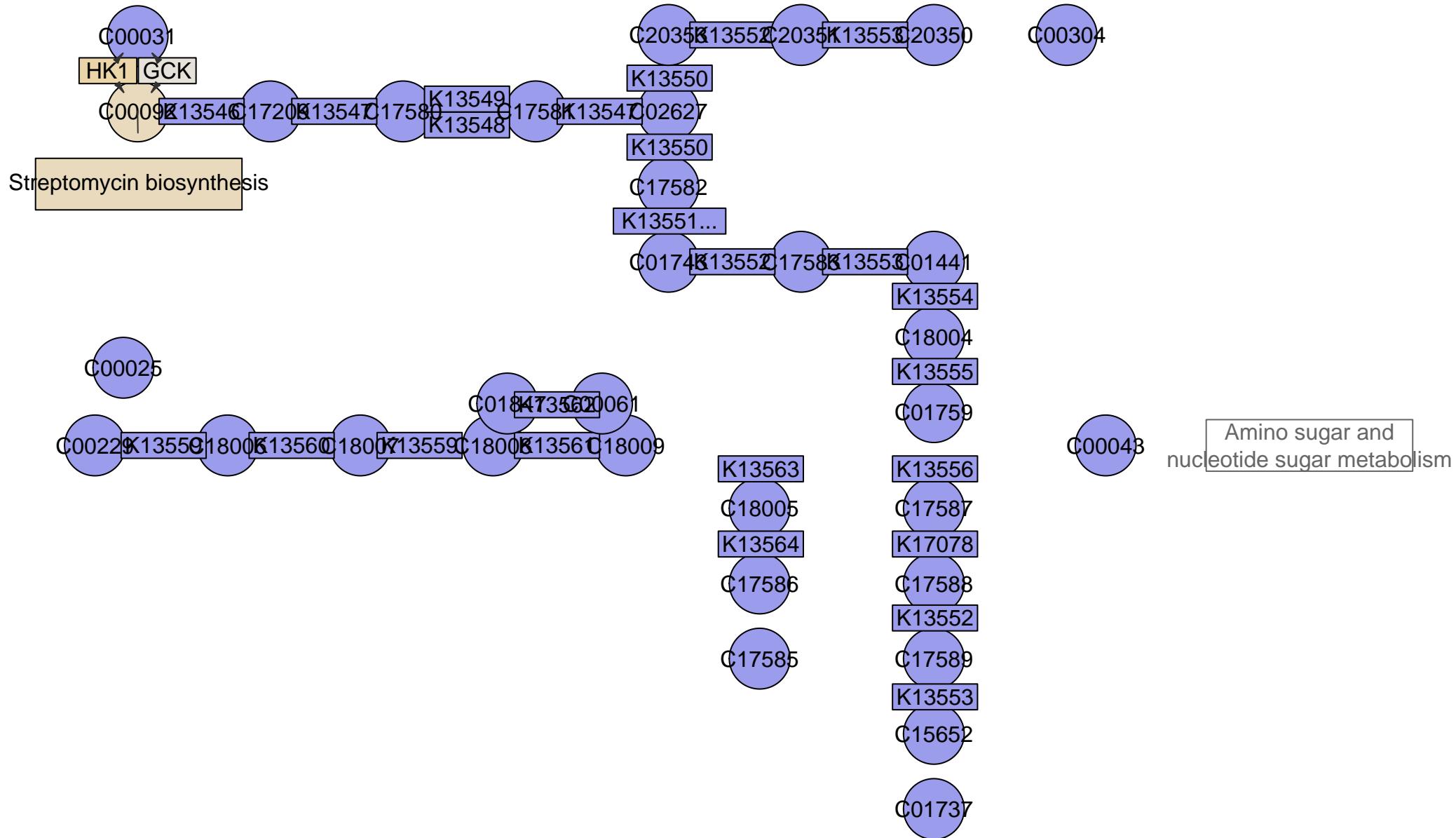
Butirosin and
neomycin biosynthesis
MPI-122



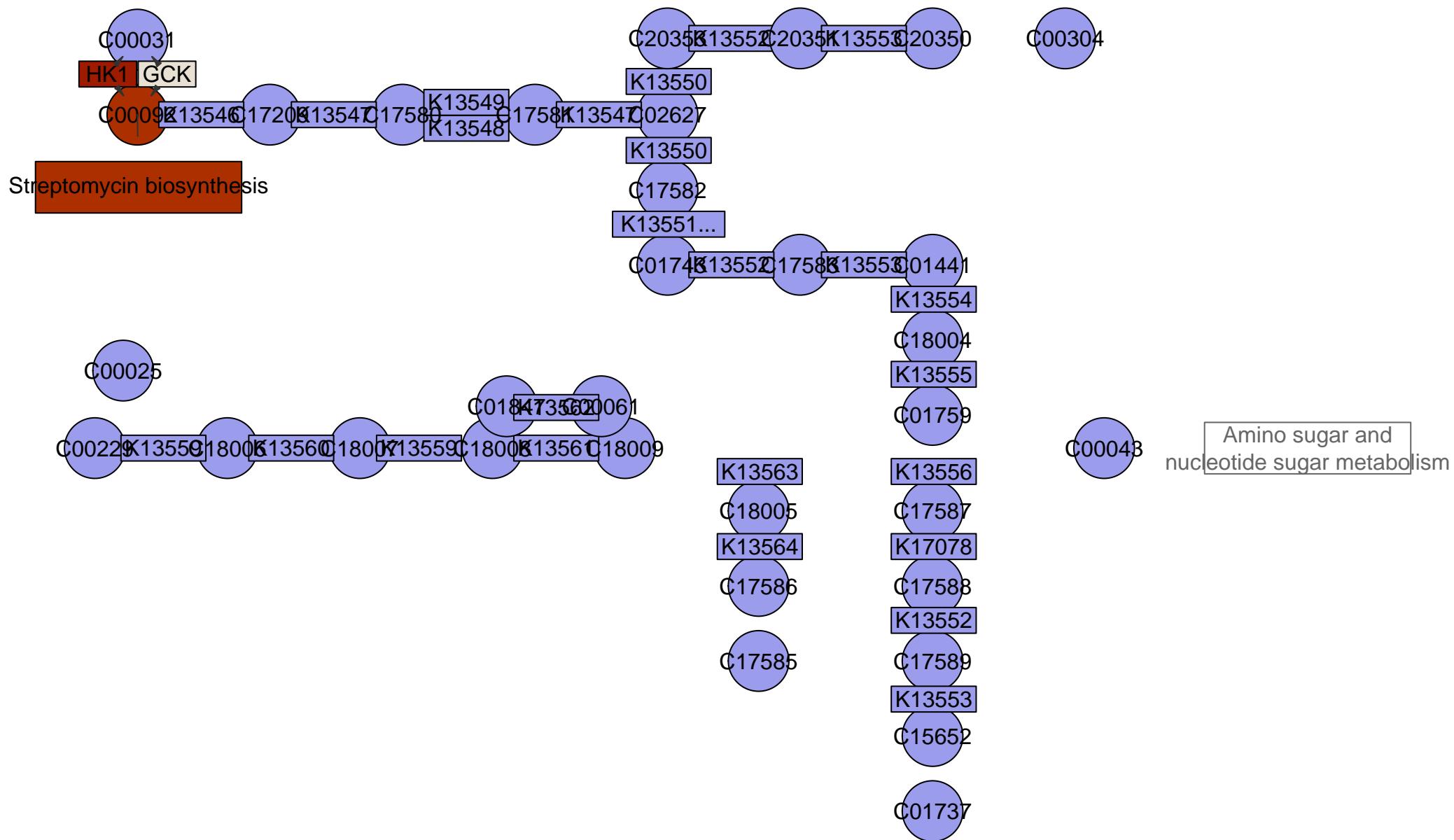
Butirosin and
neomycin biosynthesis
MPI-127



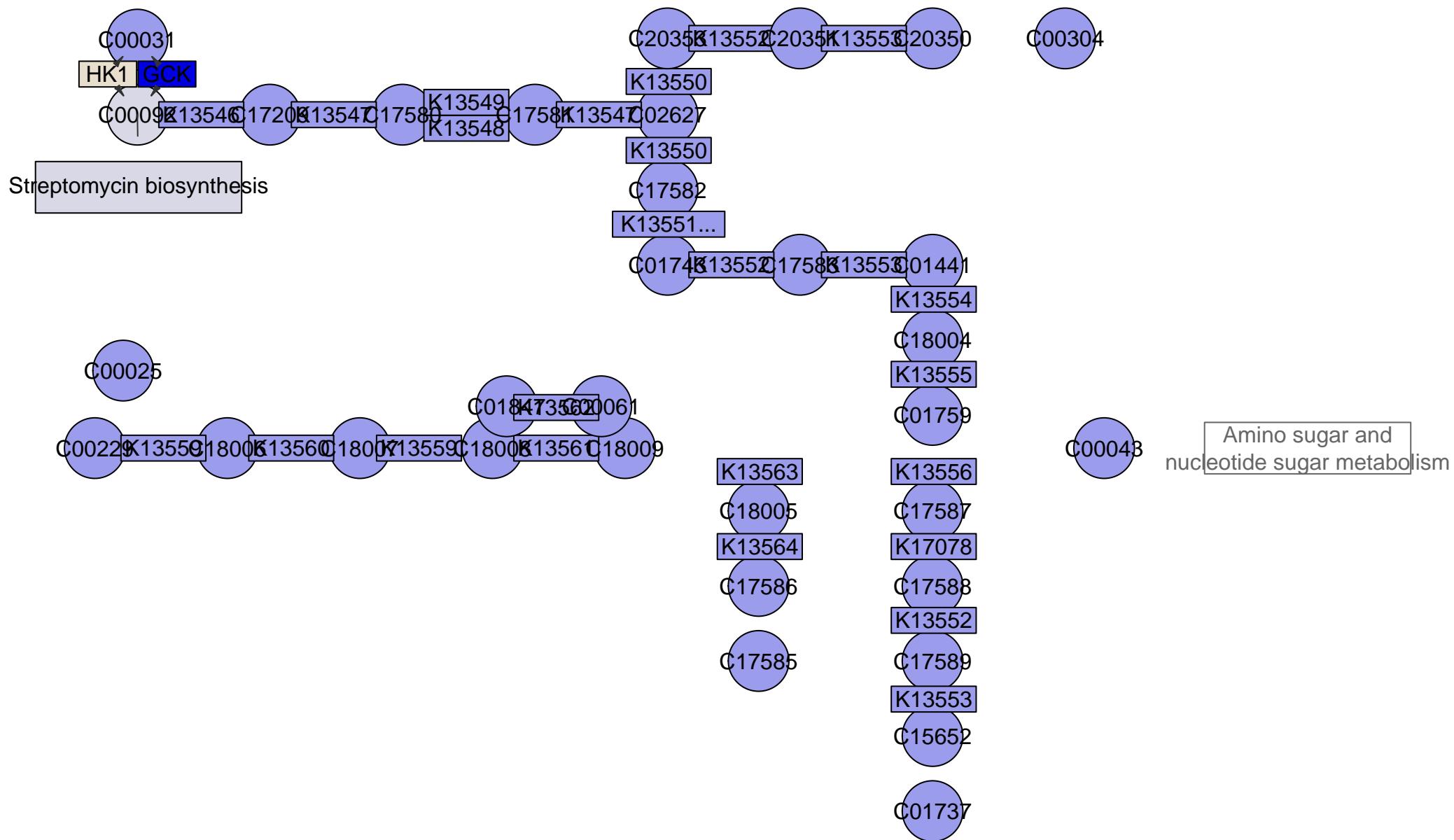
Butirosin and
neomycin biosynthesis
MPI-128



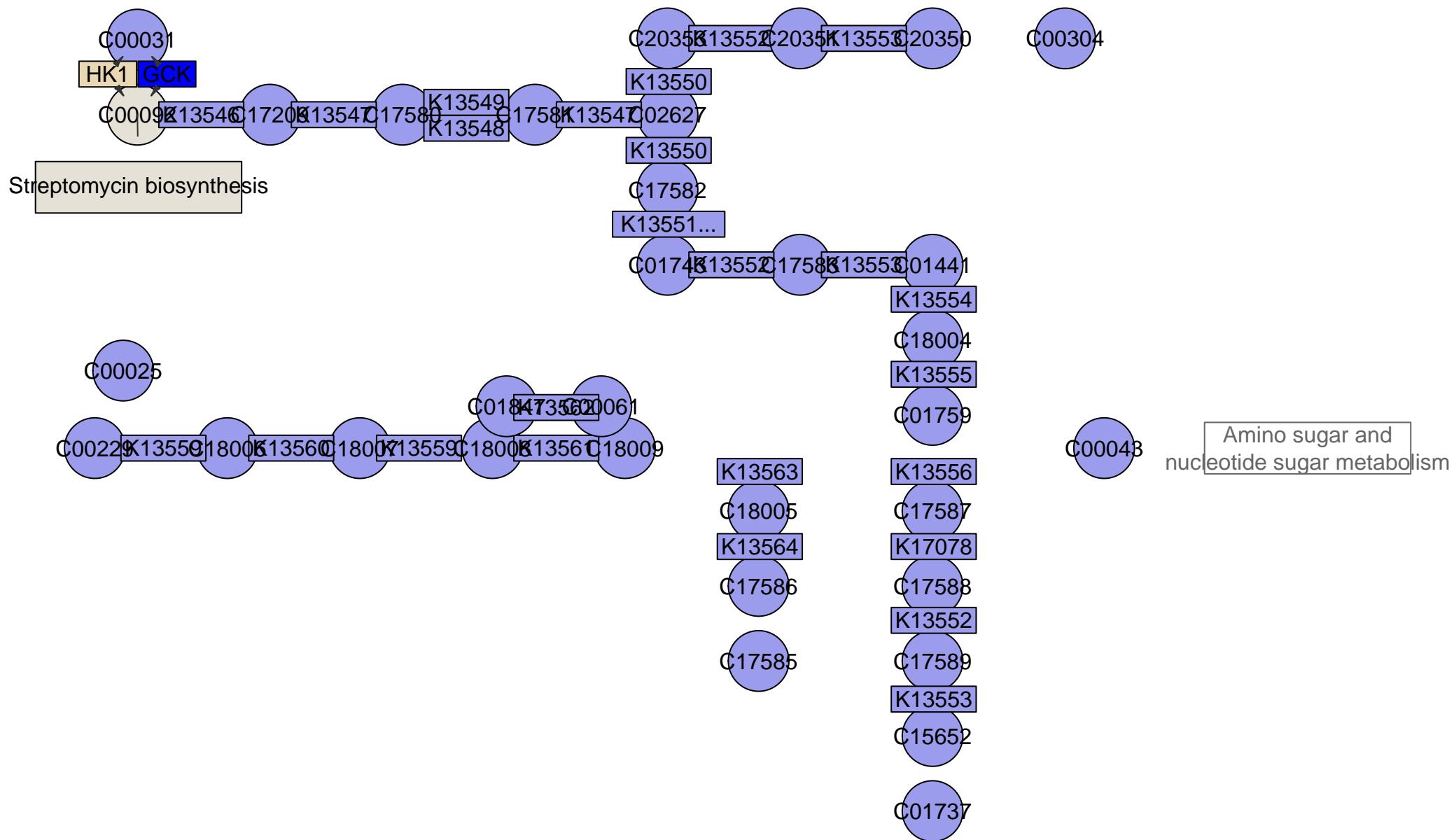
Butirosin and
neomycin biosynthesis
MPI-129



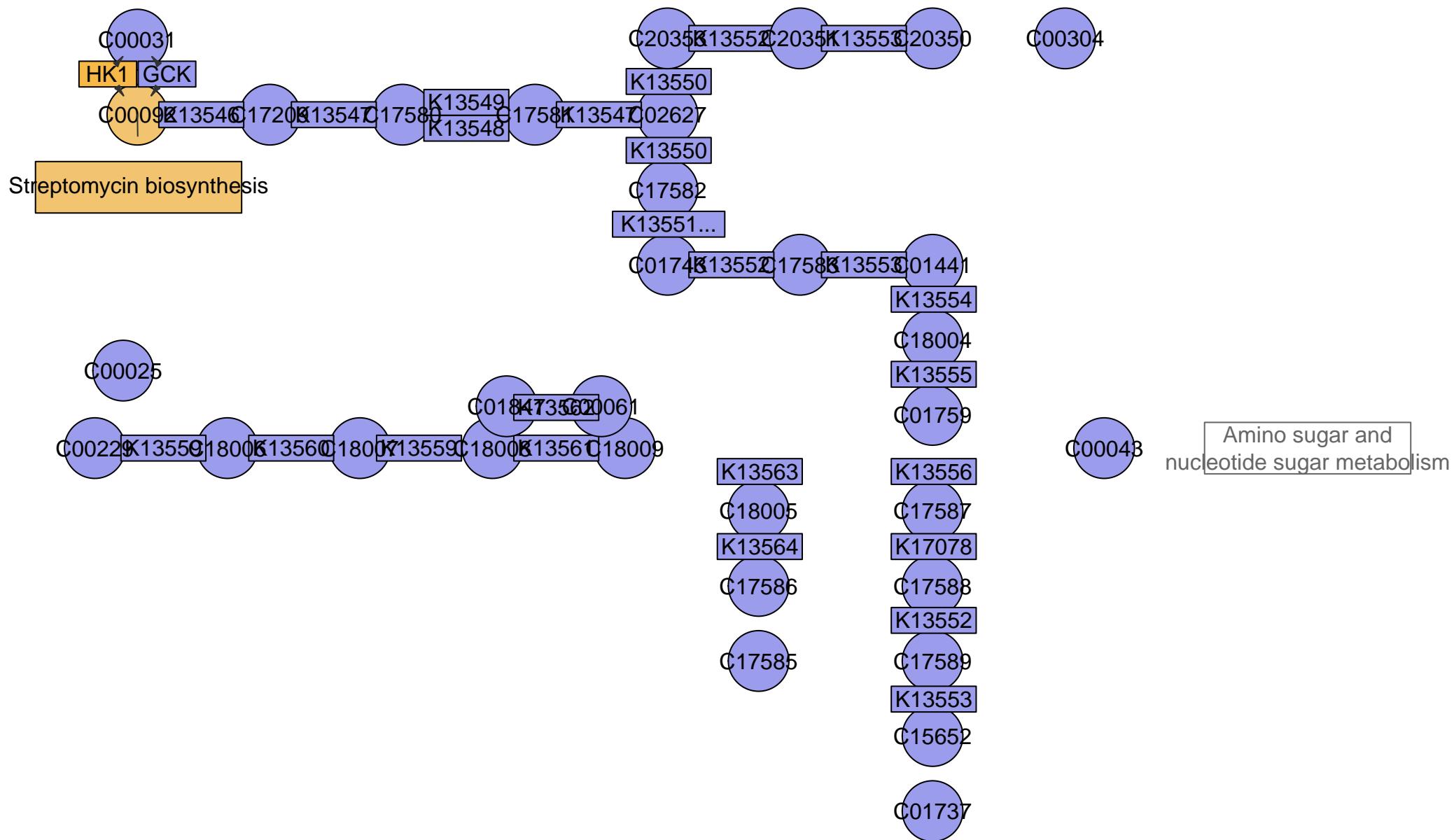
Butirosin and
neomycin biosynthesis
MPI-130



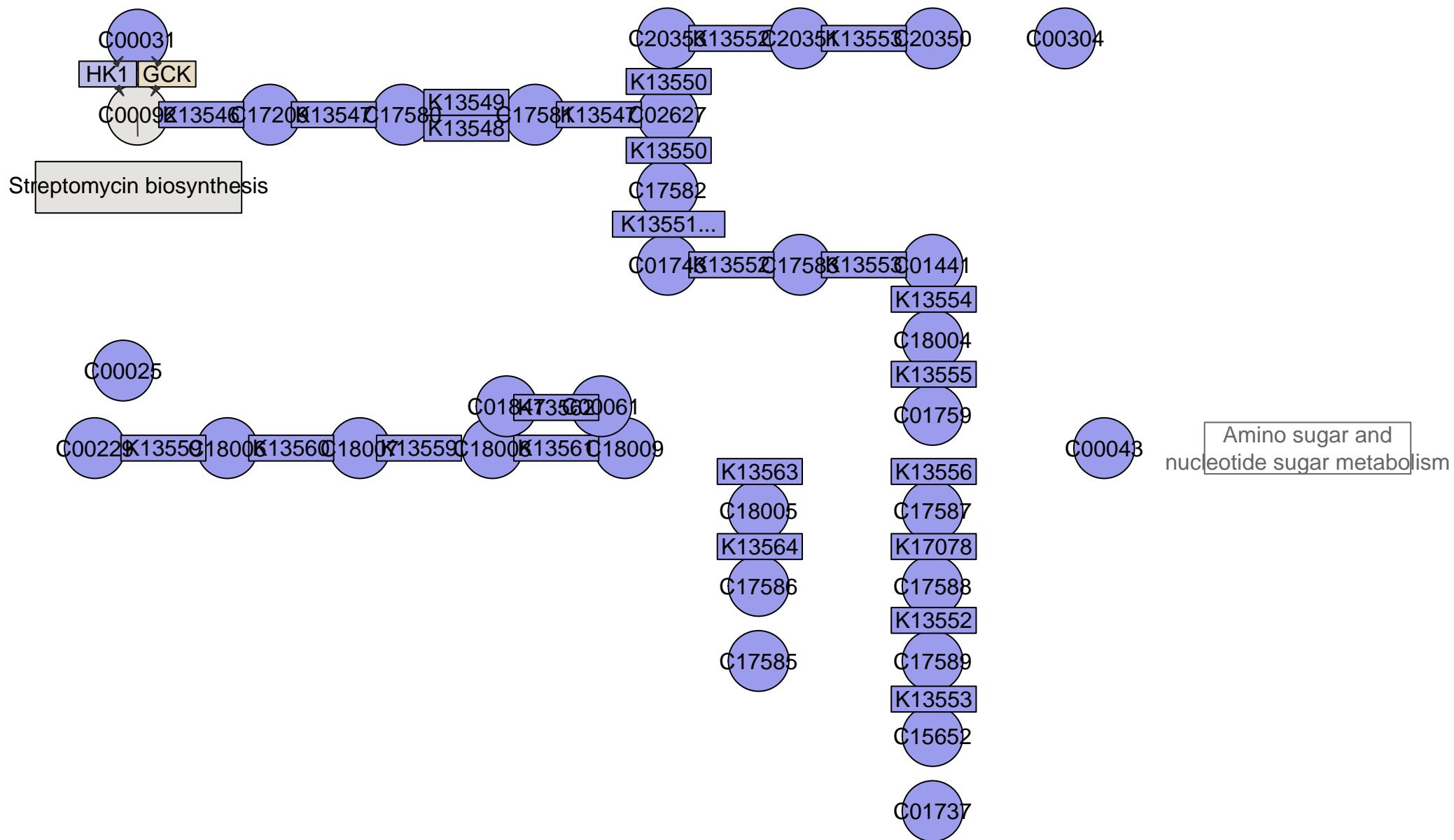
Butirosin and
neomycin biosynthesis
MPI-132



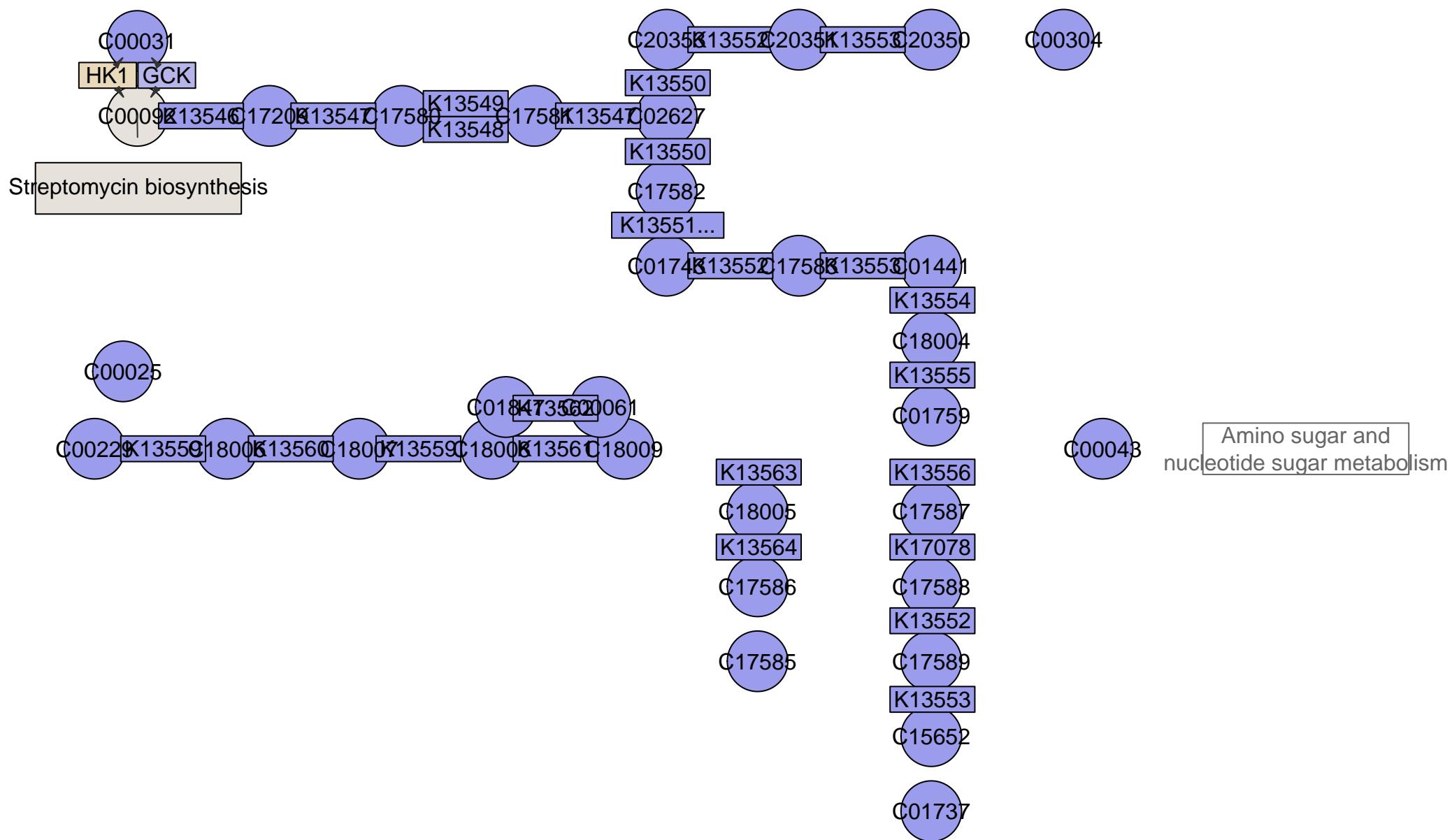
Butirosin and
neomycin biosynthesis
MPI-133



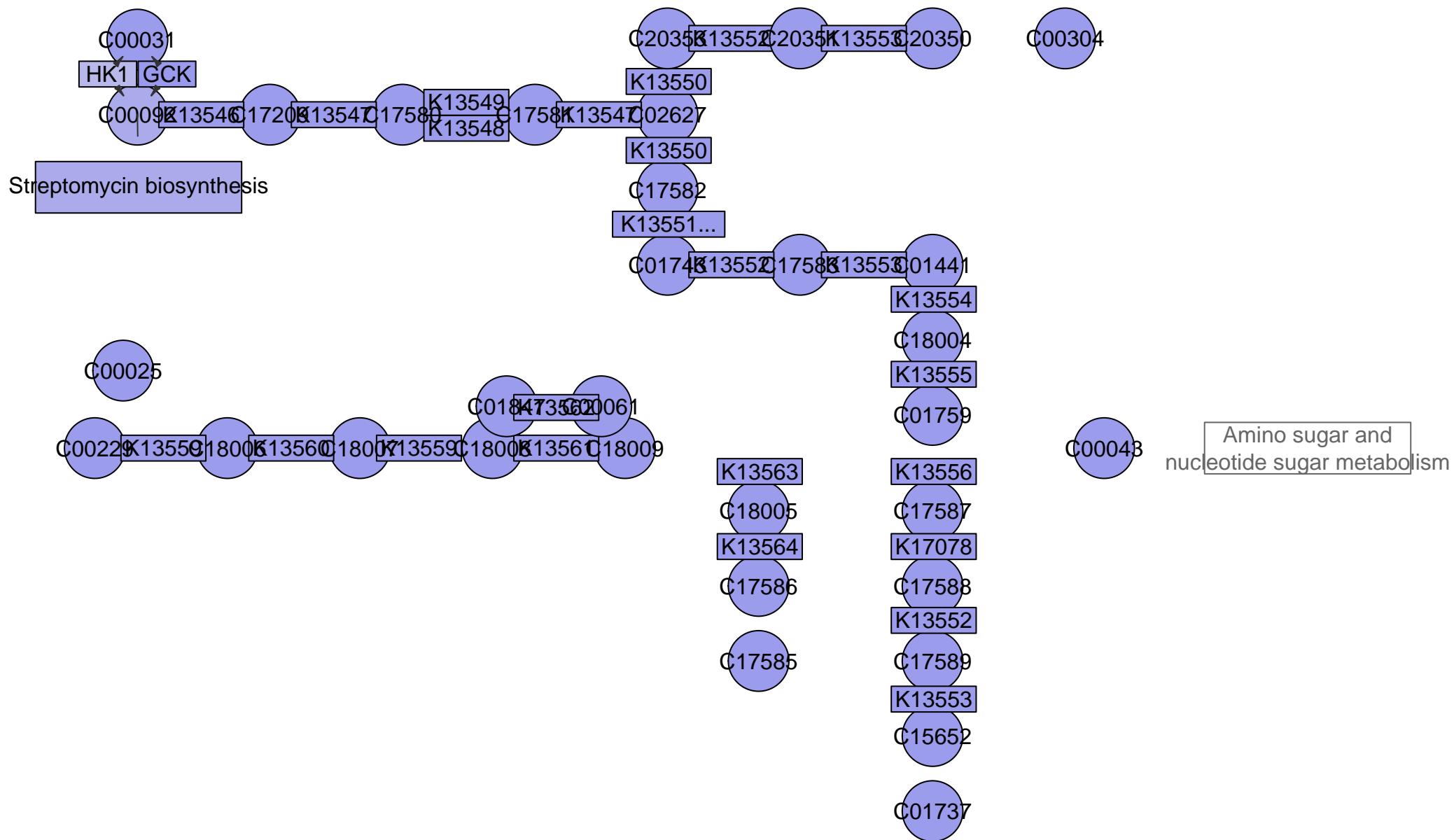
Butirosin and
neomycin biosynthesis
MPI-134



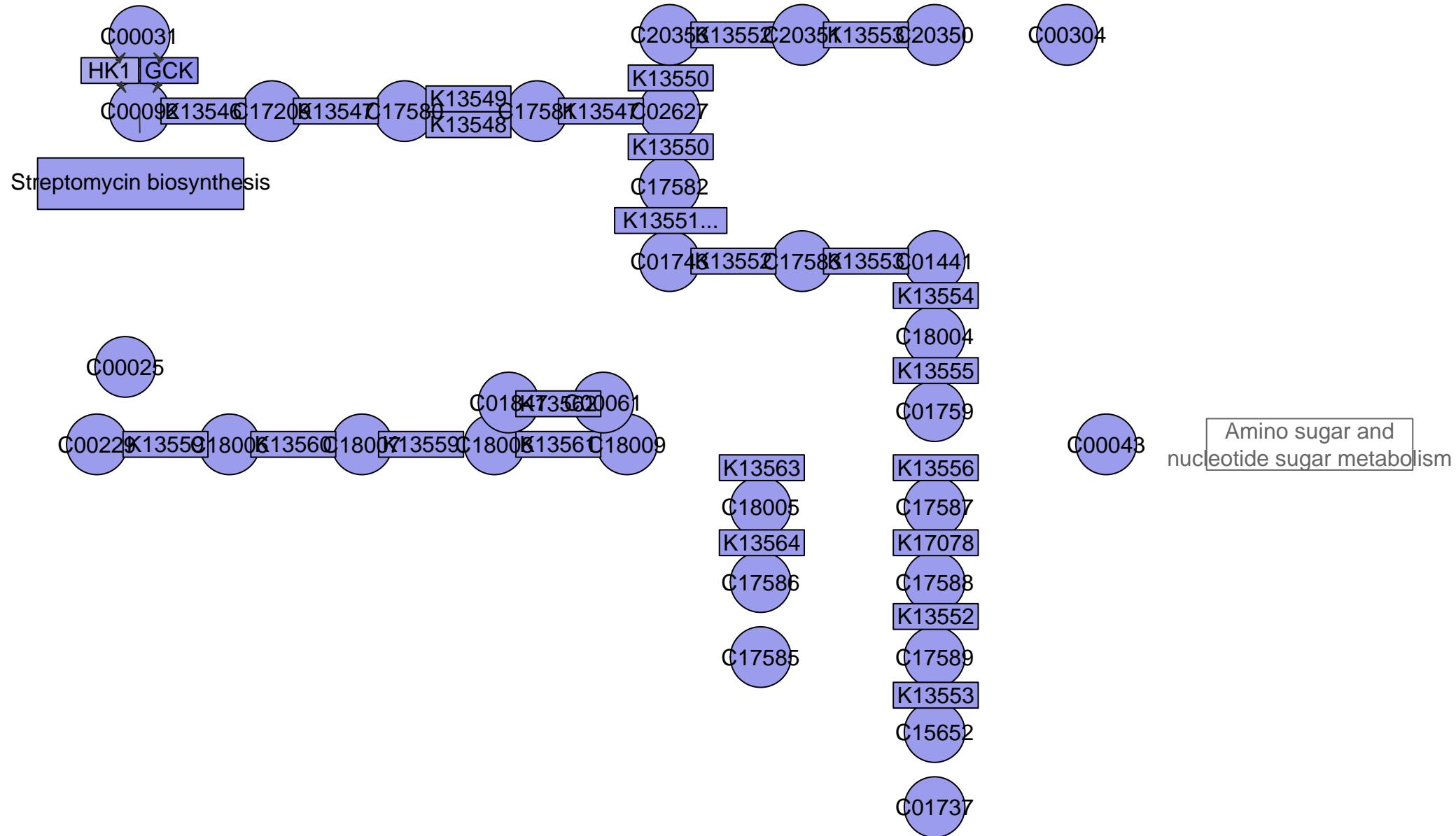
Butirosin and
neomycin biosynthesis
MPI-135



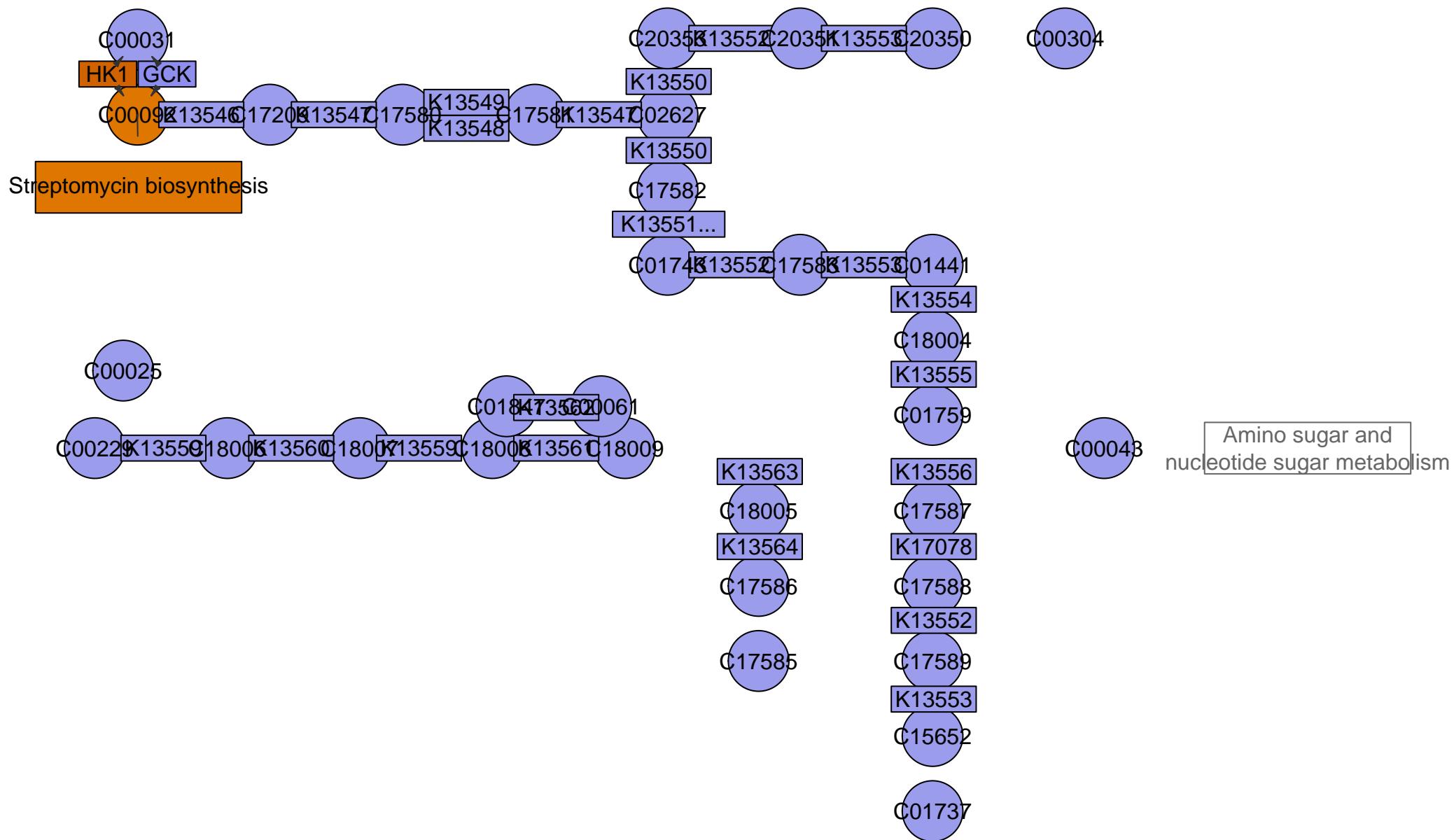
Butirosin and
neomycin biosynthesis
MPI-136



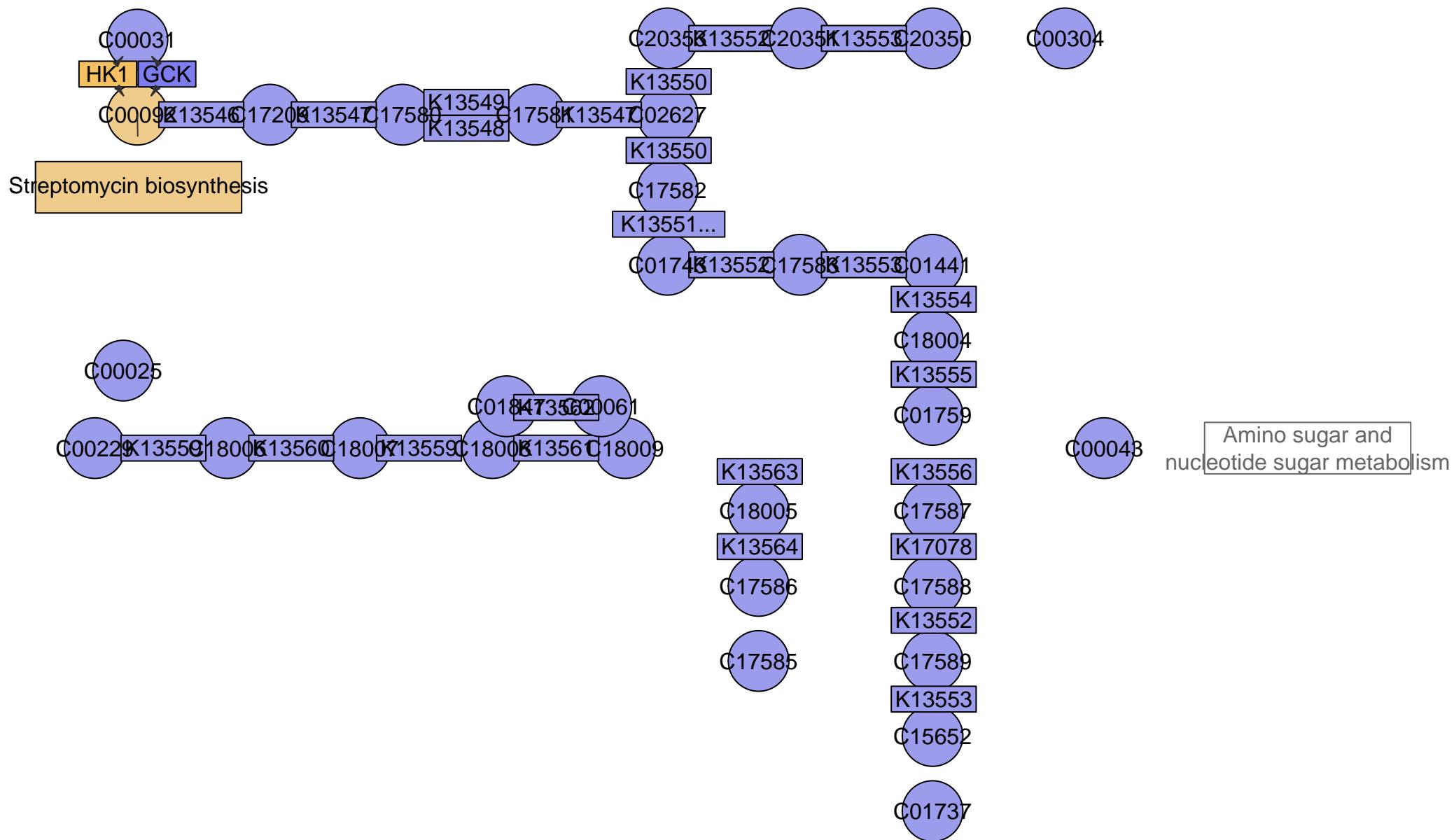
Butirosin and
neomycin biosynthesis
MPI-141



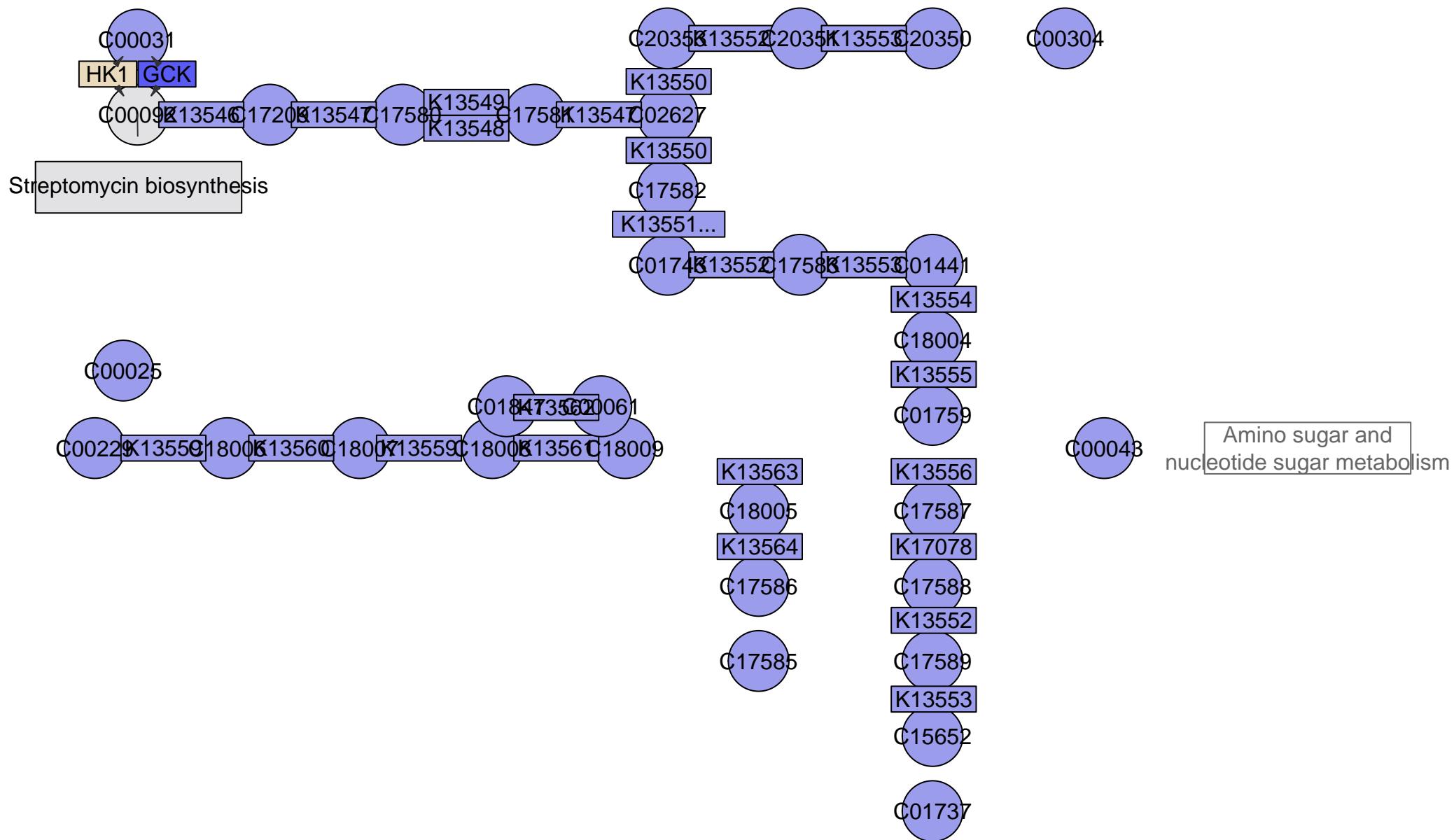
Butirosin and
neomycin biosynthesis
MPI-142



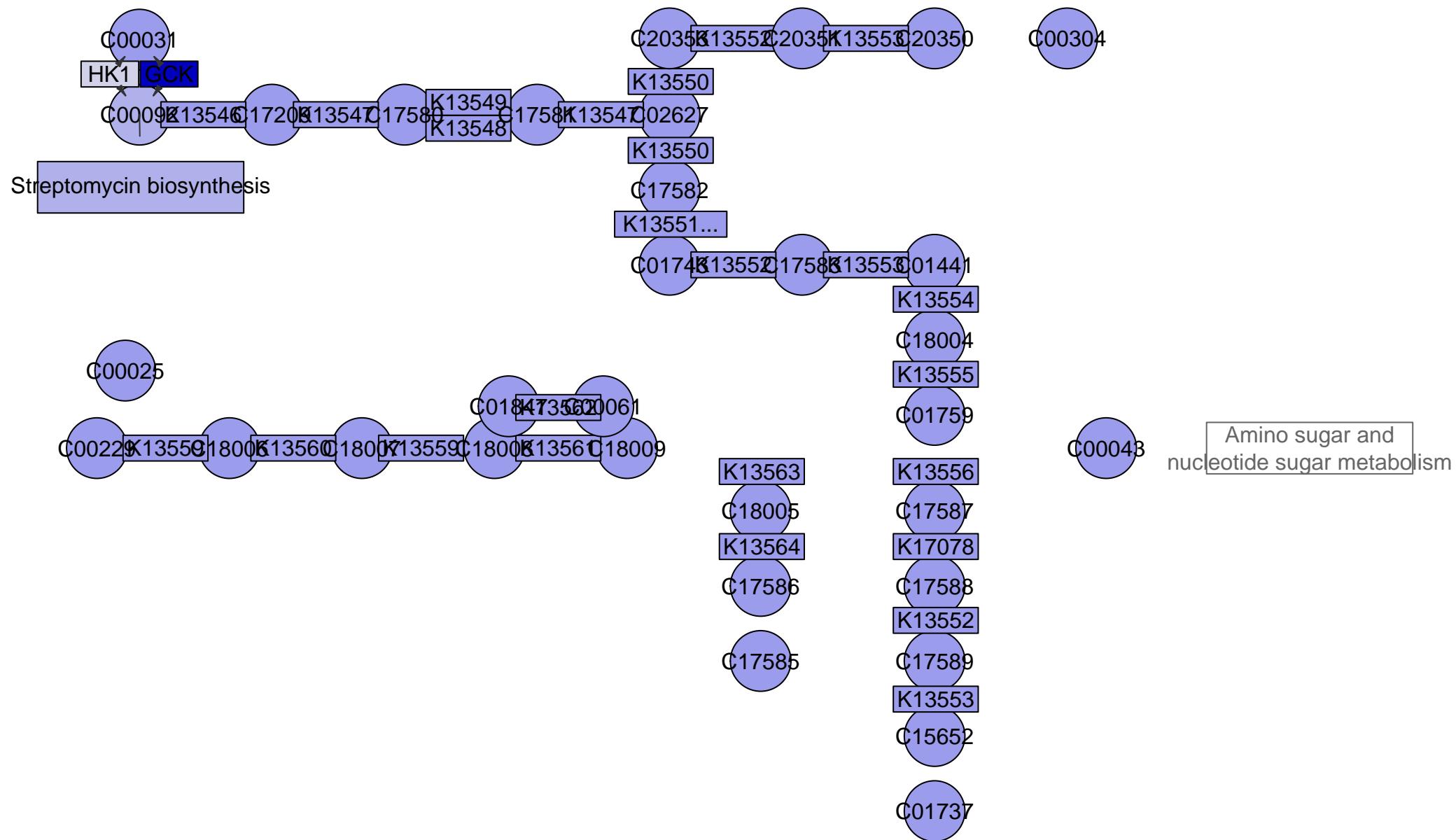
Butirosin and
neomycin biosynthesis
MPI-145



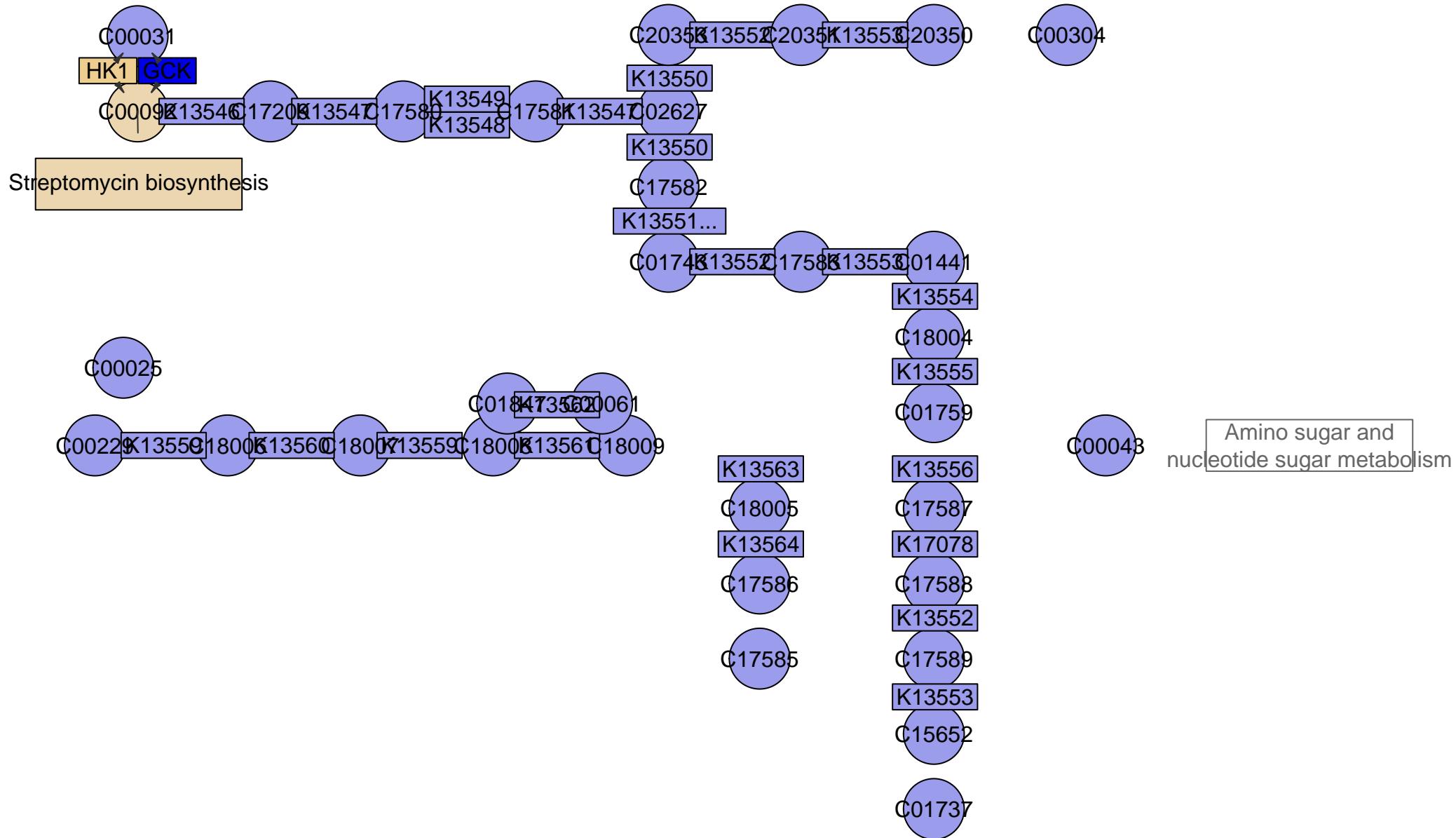
Butirosin and
neomycin biosynthesis
MPI-146



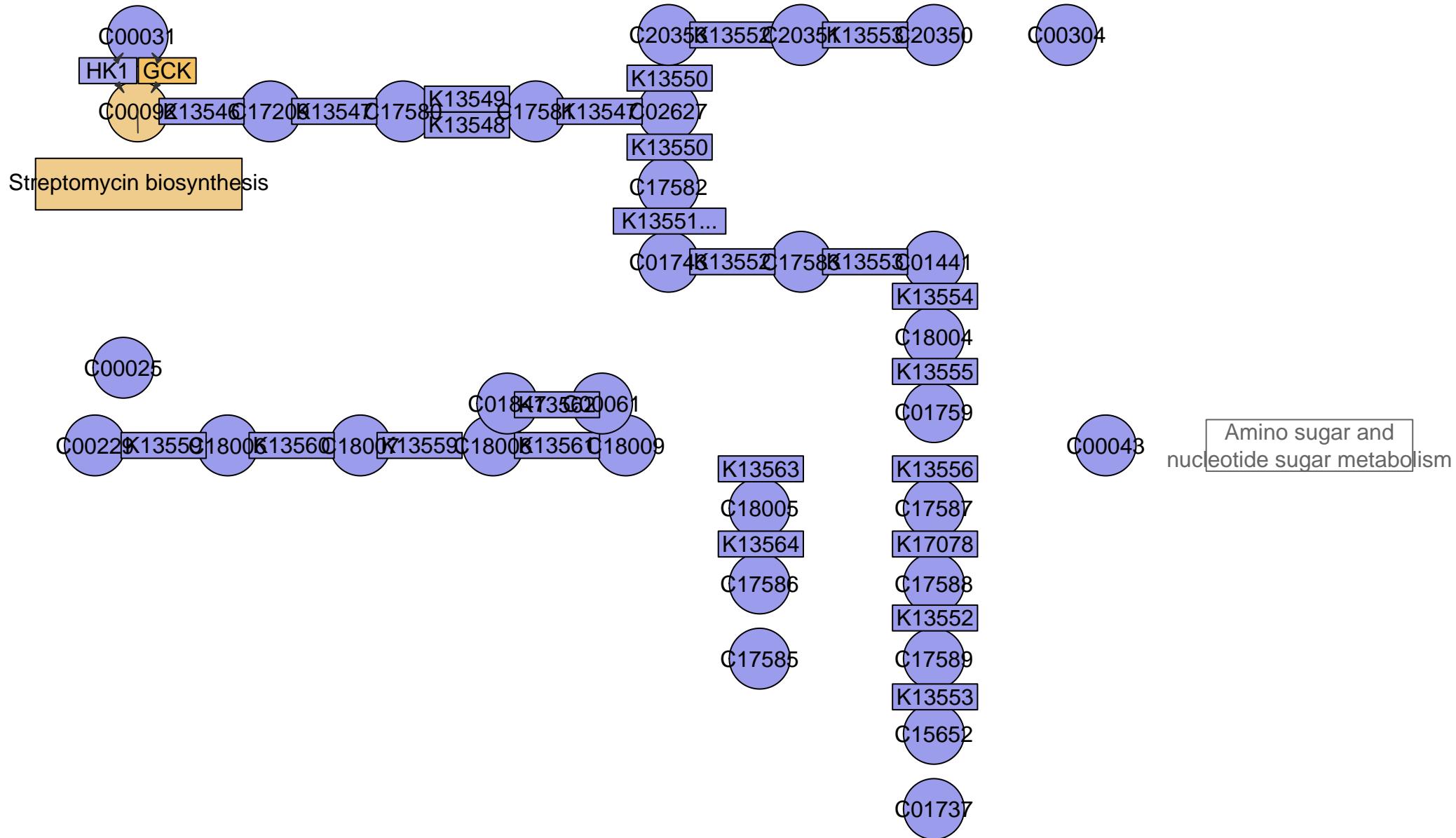
Butirosin and
neomycin biosynthesis
MPI-149



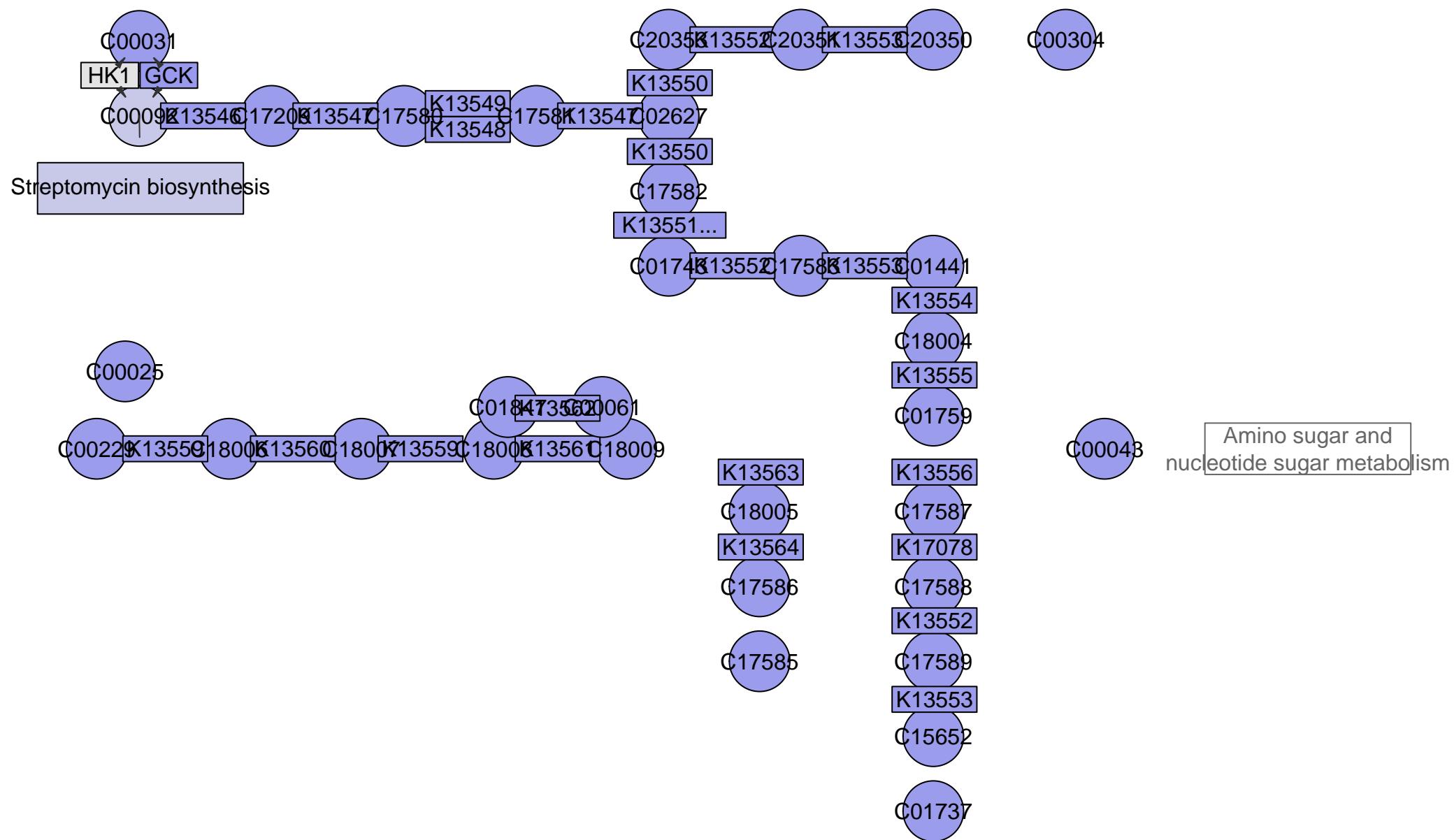
Butirosin and
neomycin biosynthesis
MPI-150



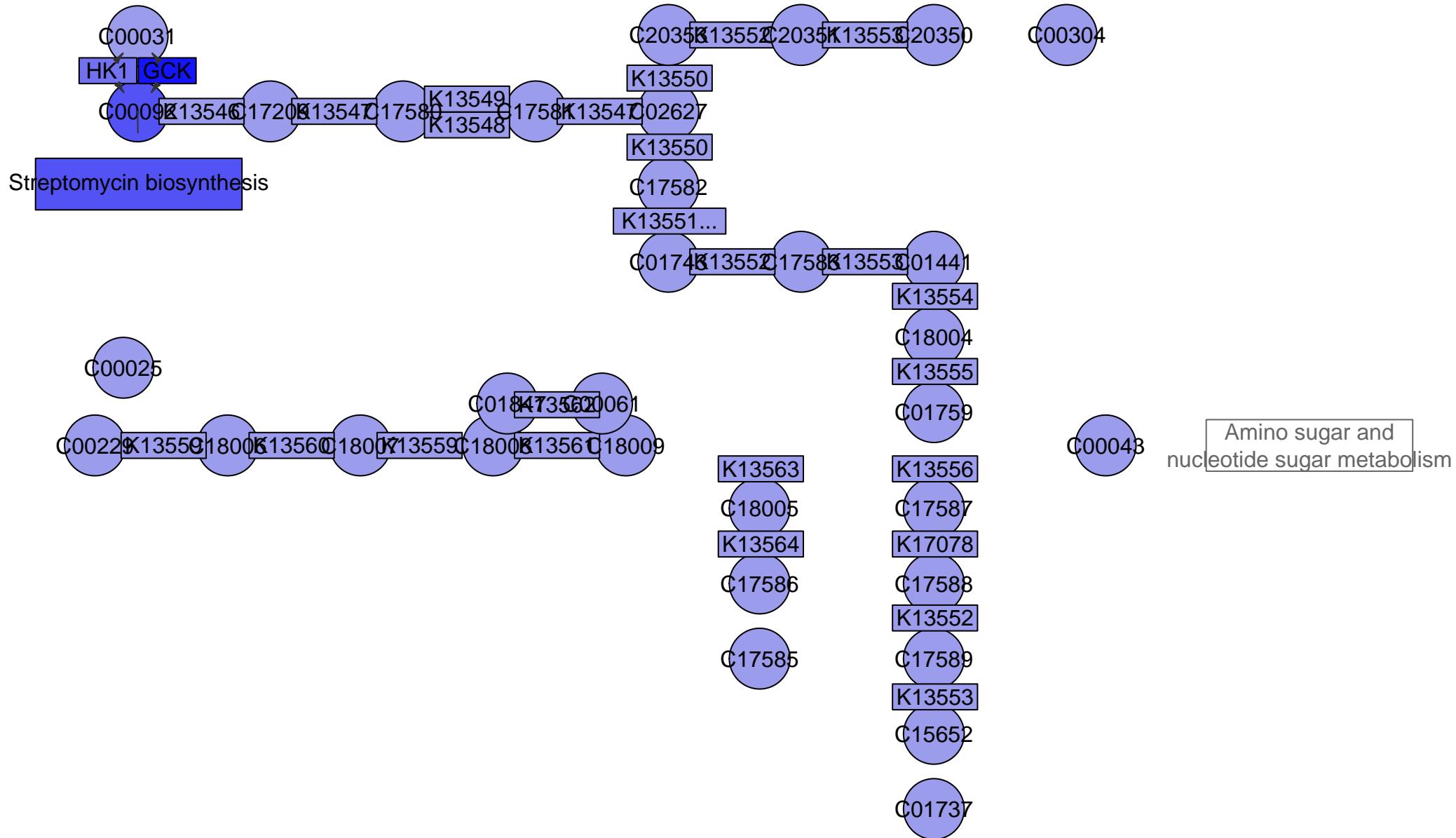
Butirosin and
neomycin biosynthesis
MPI-151



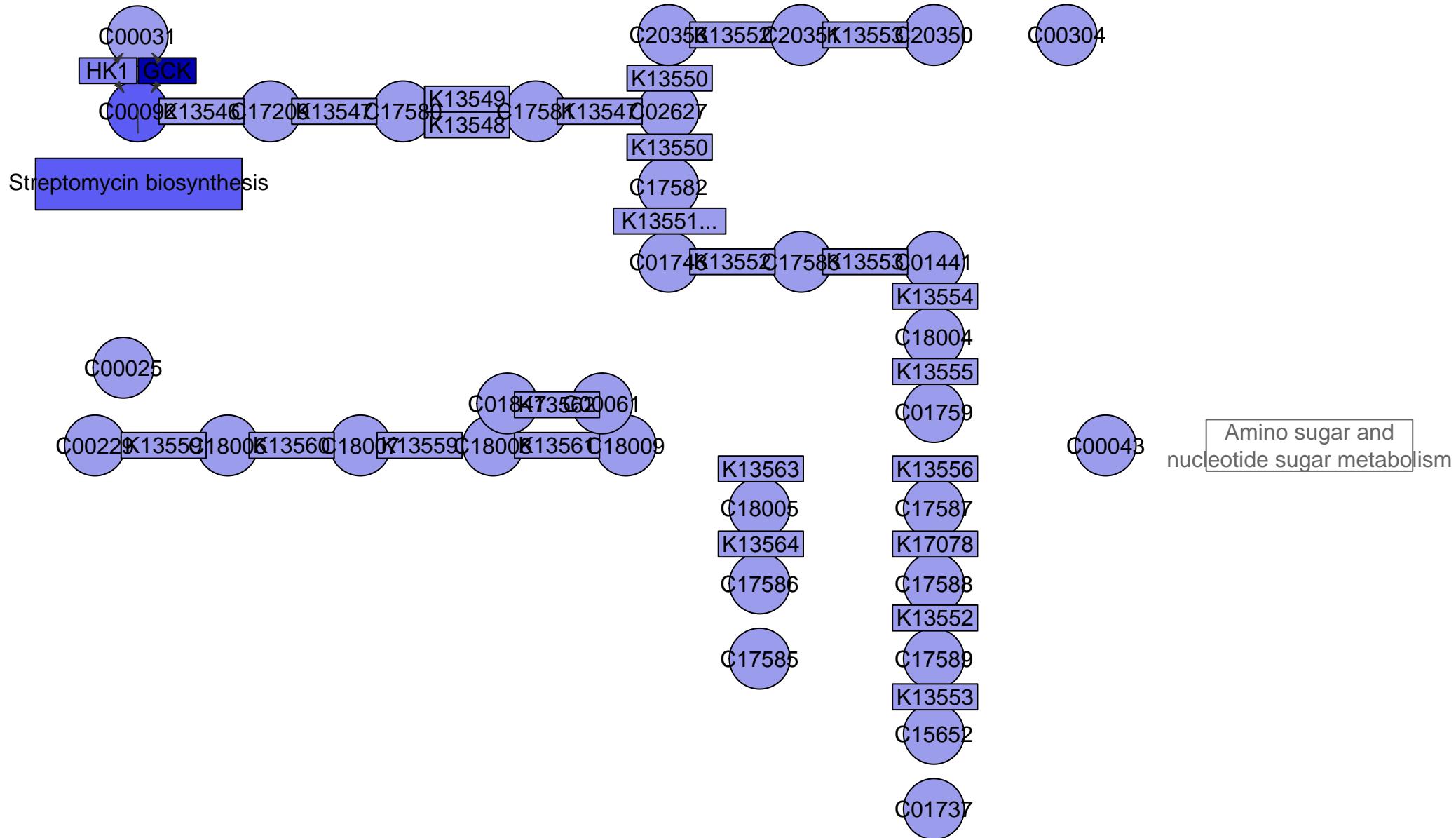
Butirosin and
neomycin biosynthesis
MPI-152



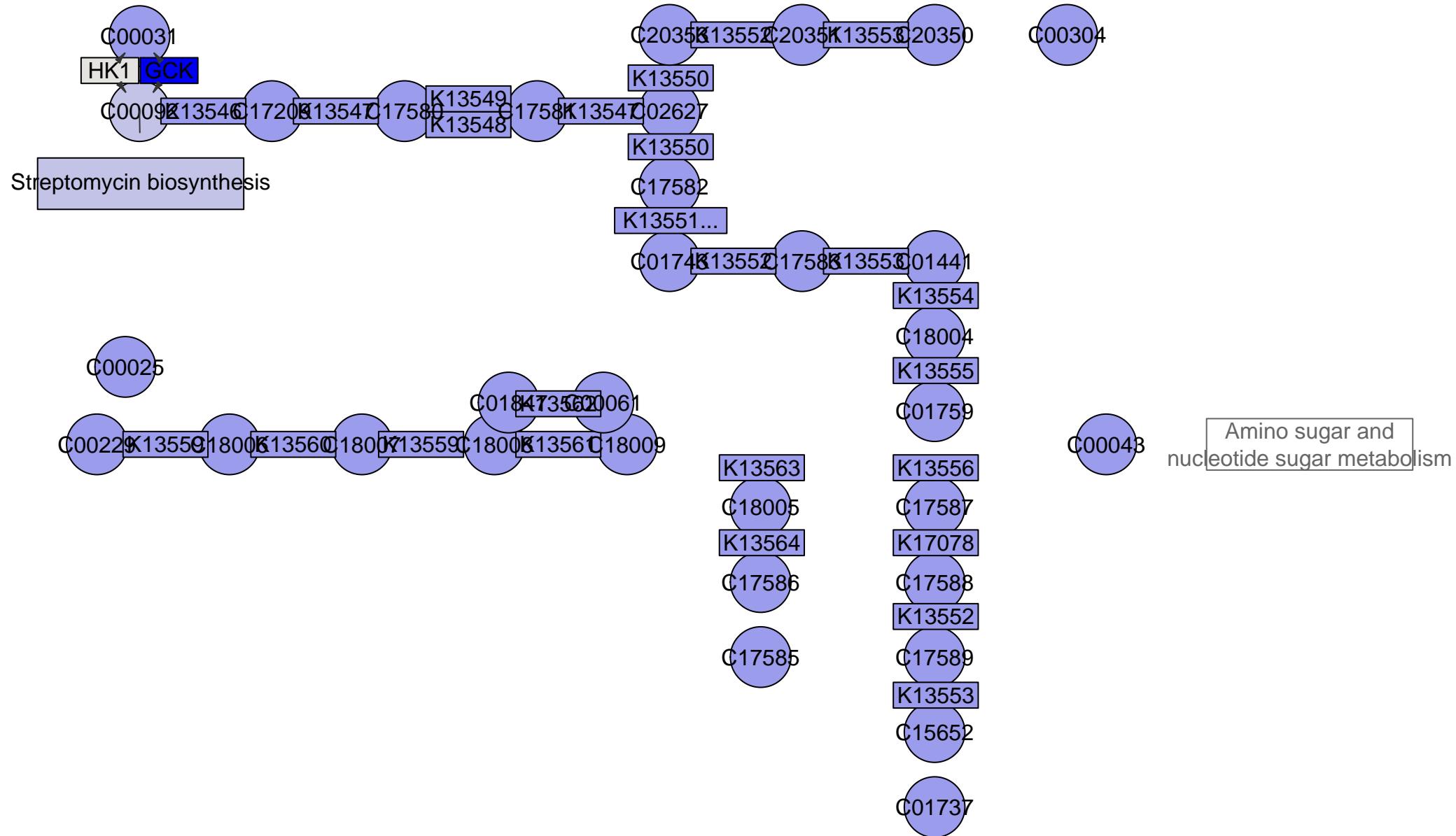
Butirosin and
neomycin biosynthesis
MPI-153

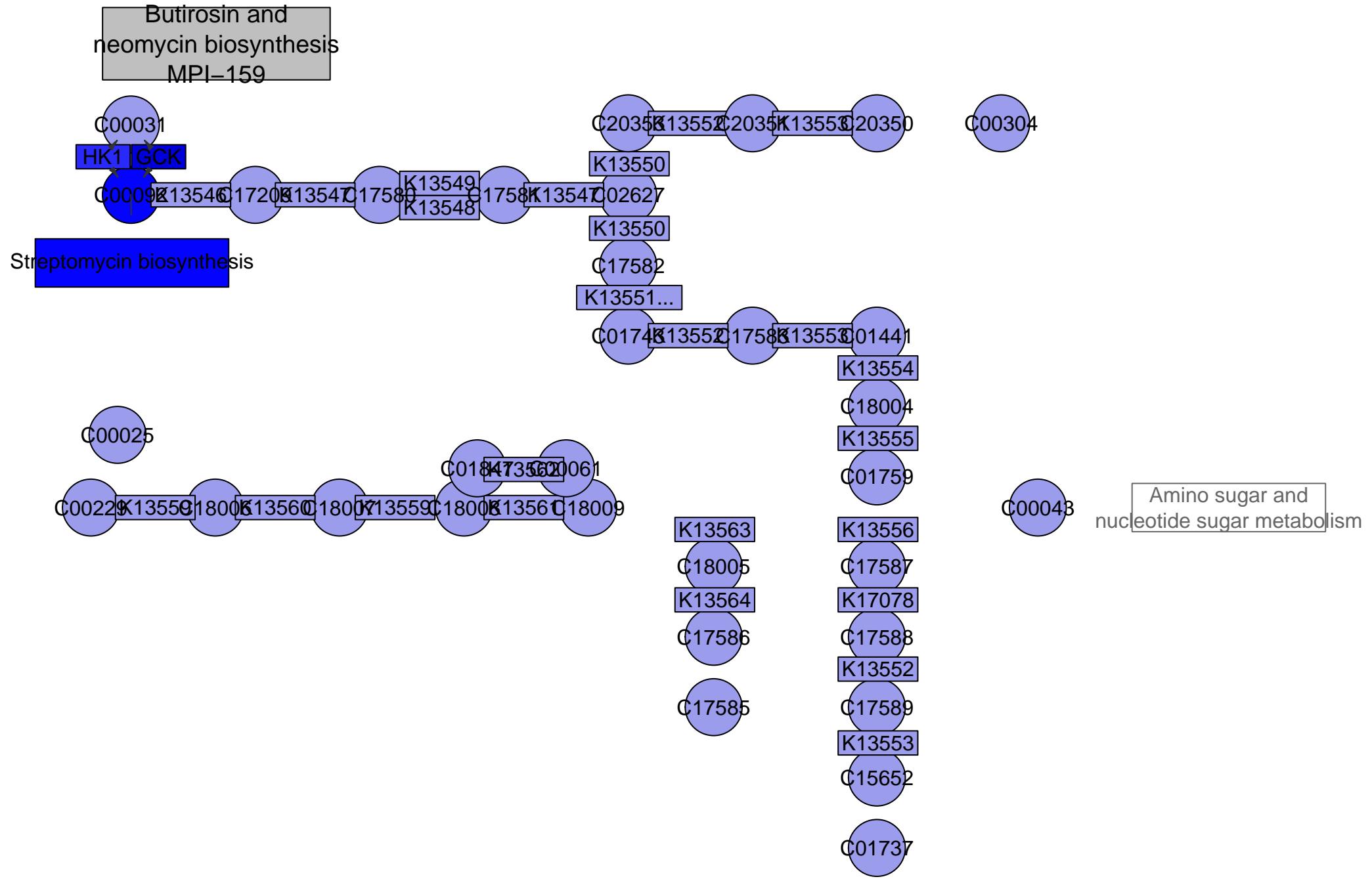


Butirosin and
neomycin biosynthesis
MPI-154

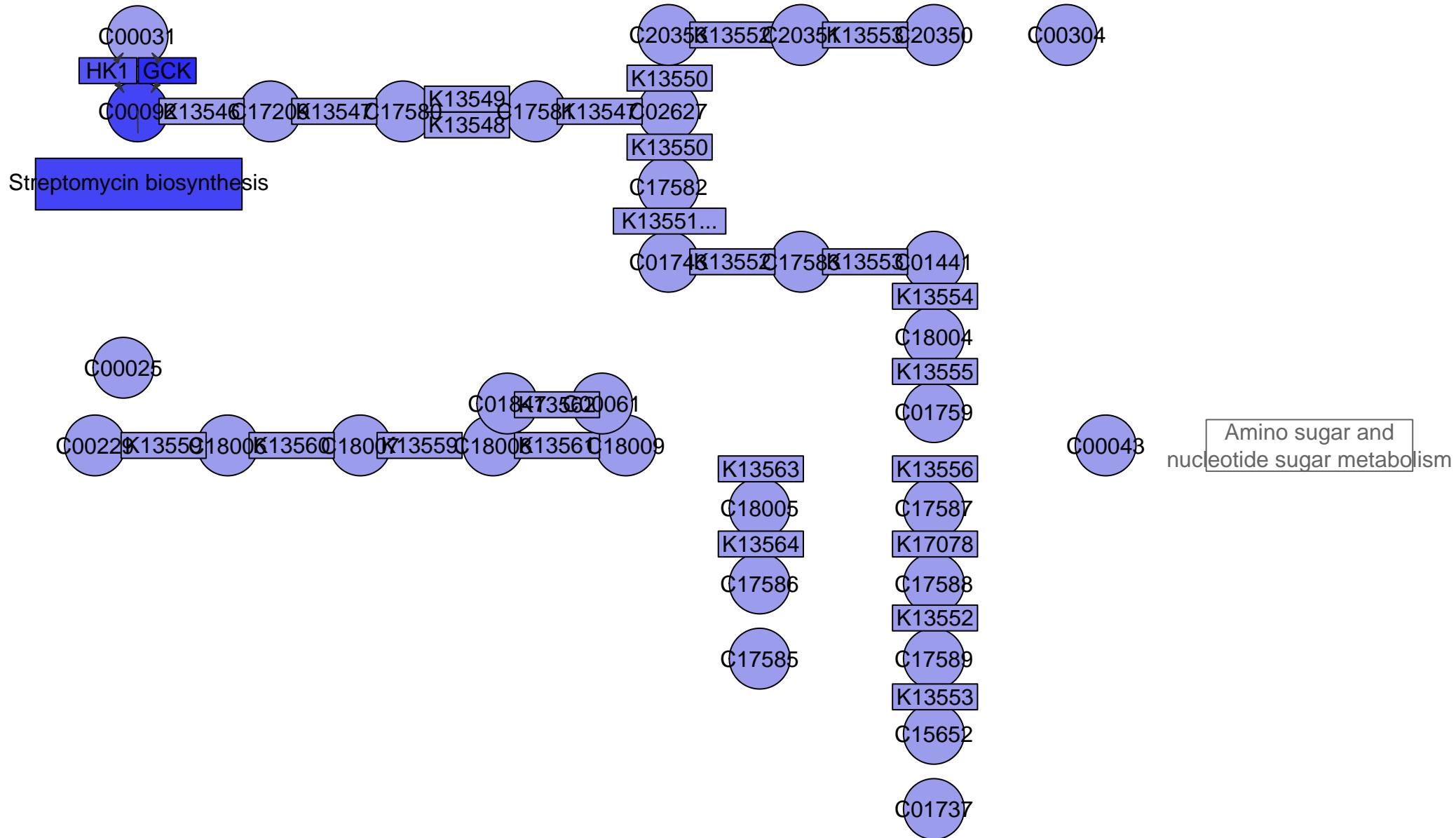


Butirosin and
neomycin biosynthesis
MPI-155

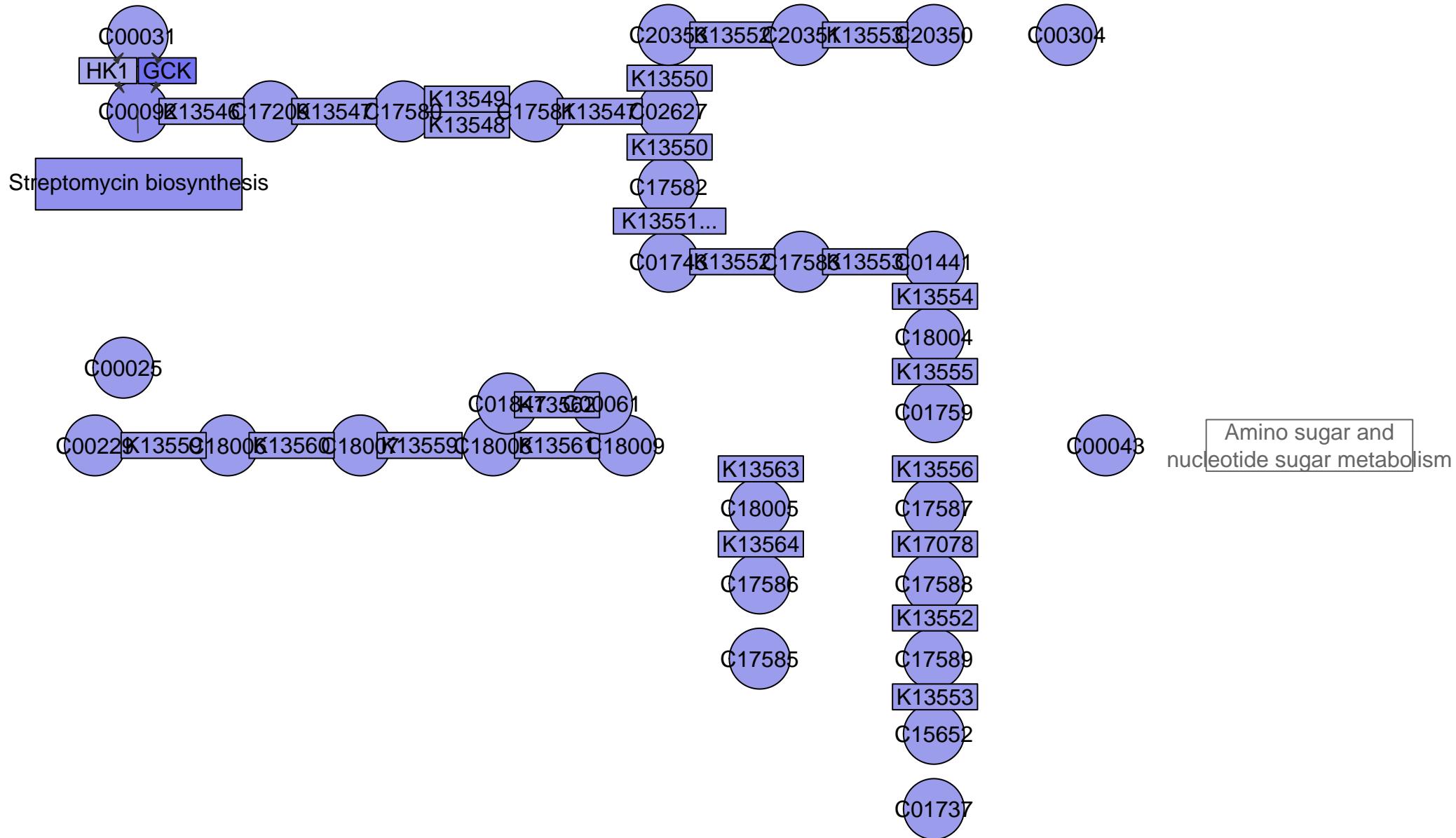




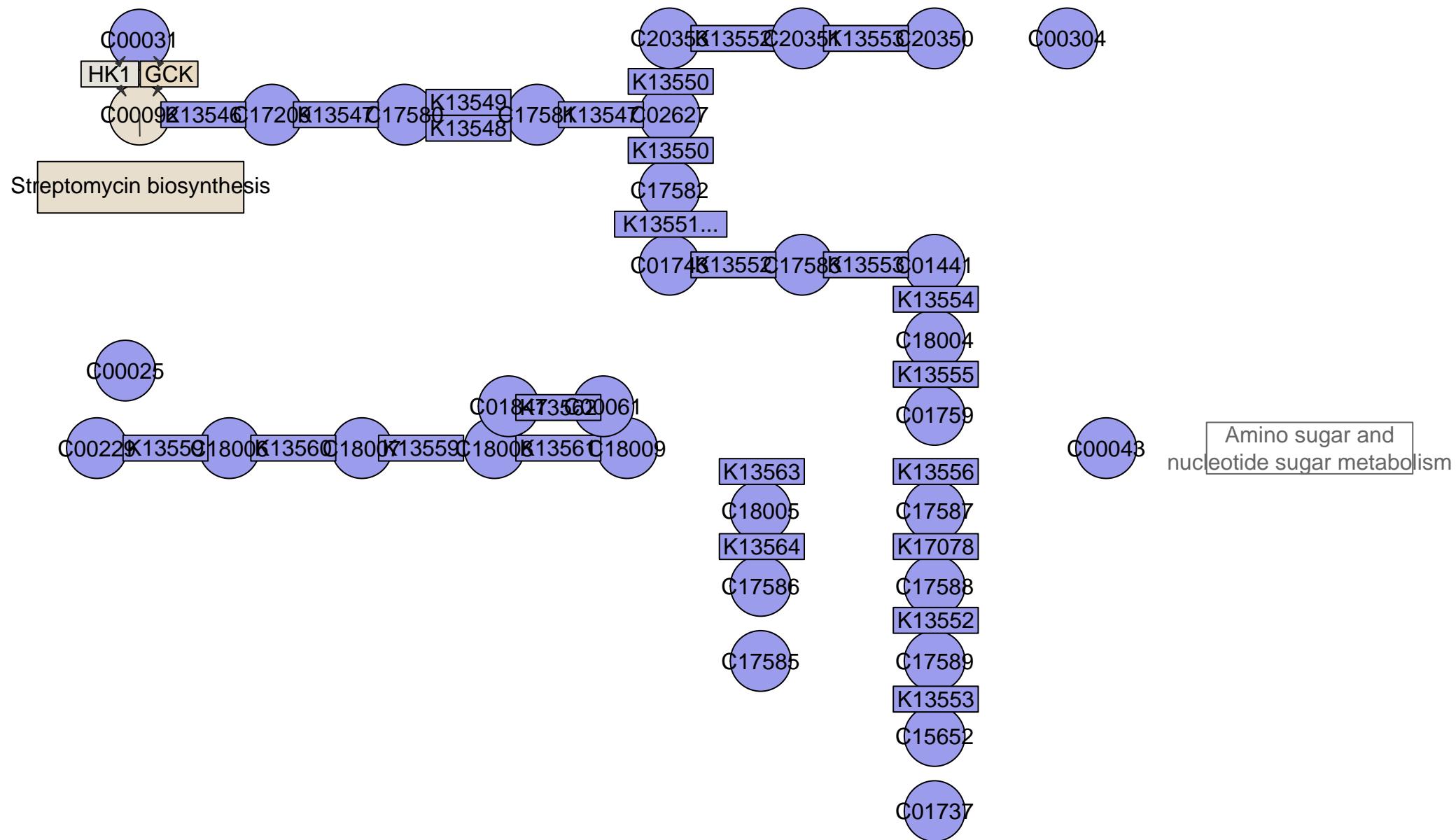
Butirosin and
neomycin biosynthesis
MPI-163



Butirosin and
neomycin biosynthesis
MPI-164

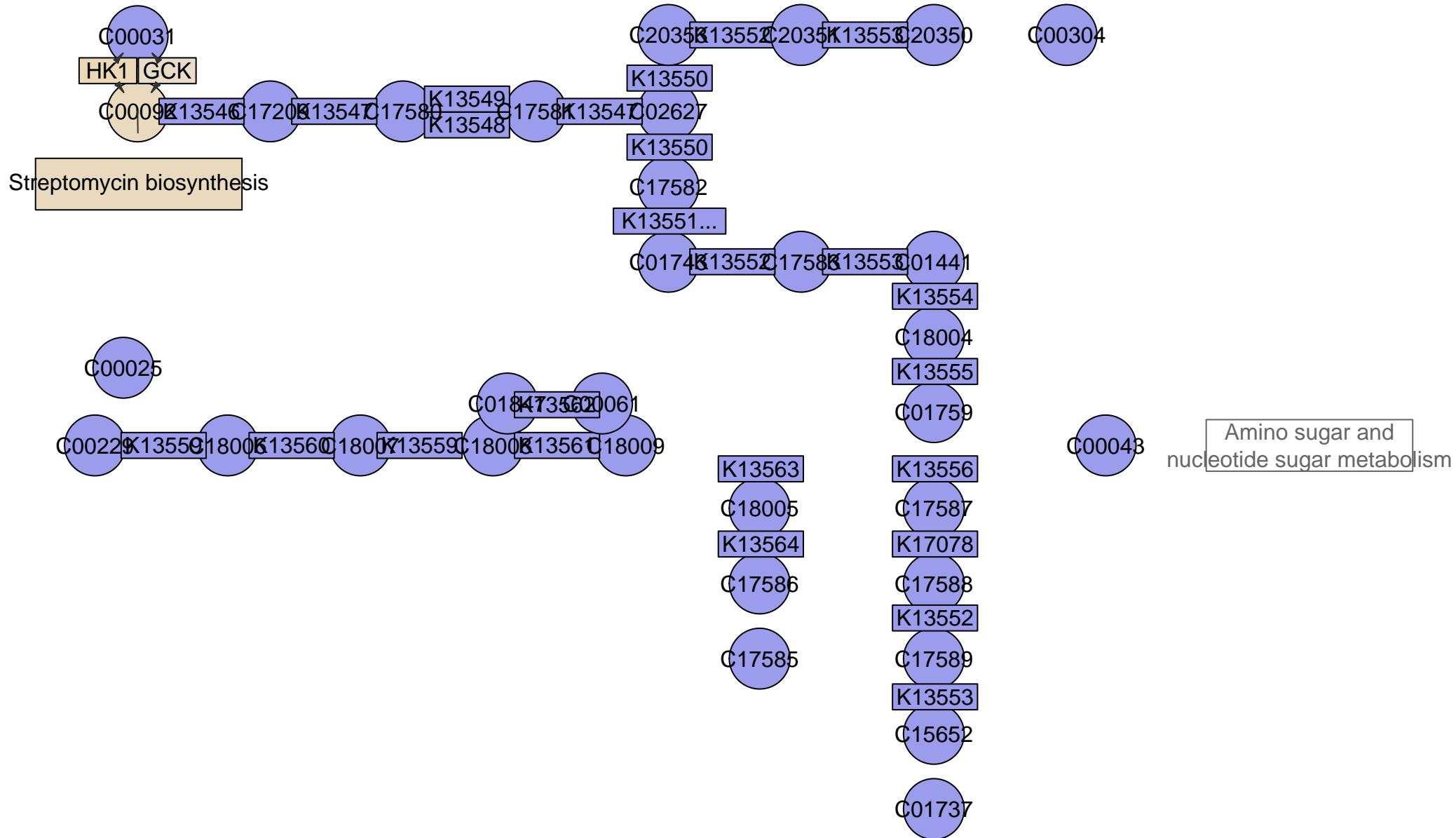


Butirosin and
neomycin biosynthesis
MPI-166

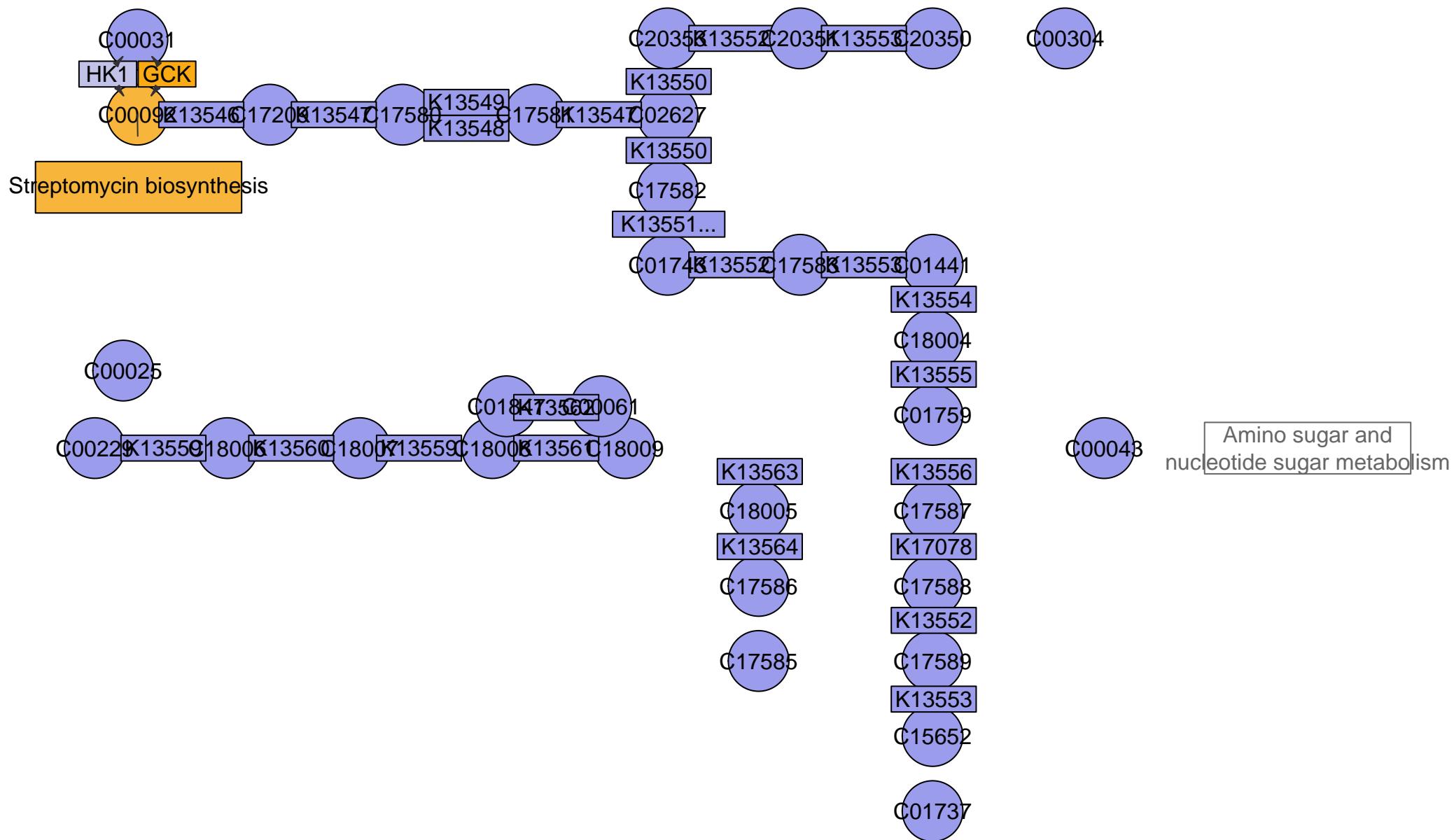


Amino sugar and
nucleotide sugar metabolism

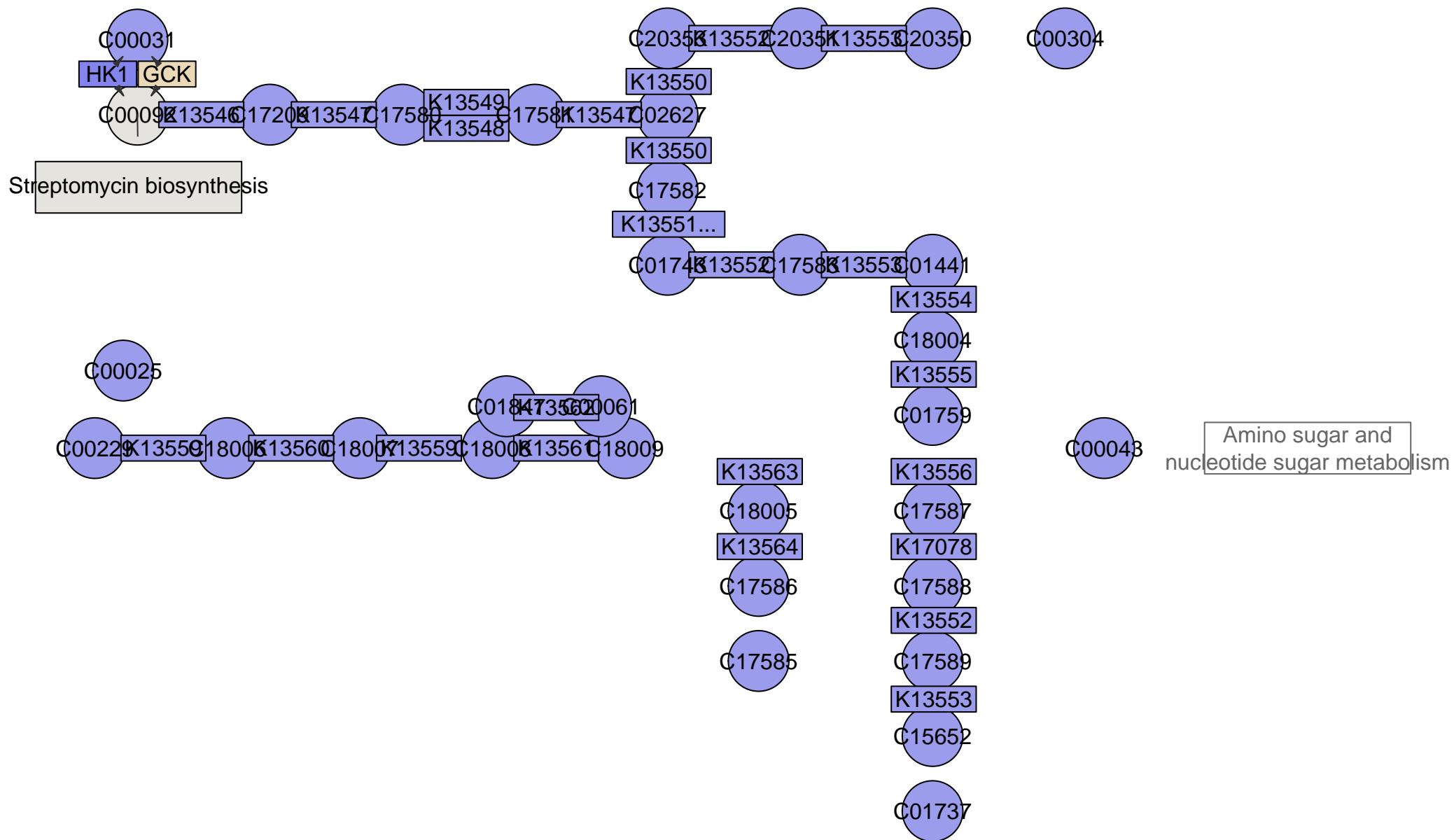
Butirosin and
neomycin biosynthesis
MPI-167



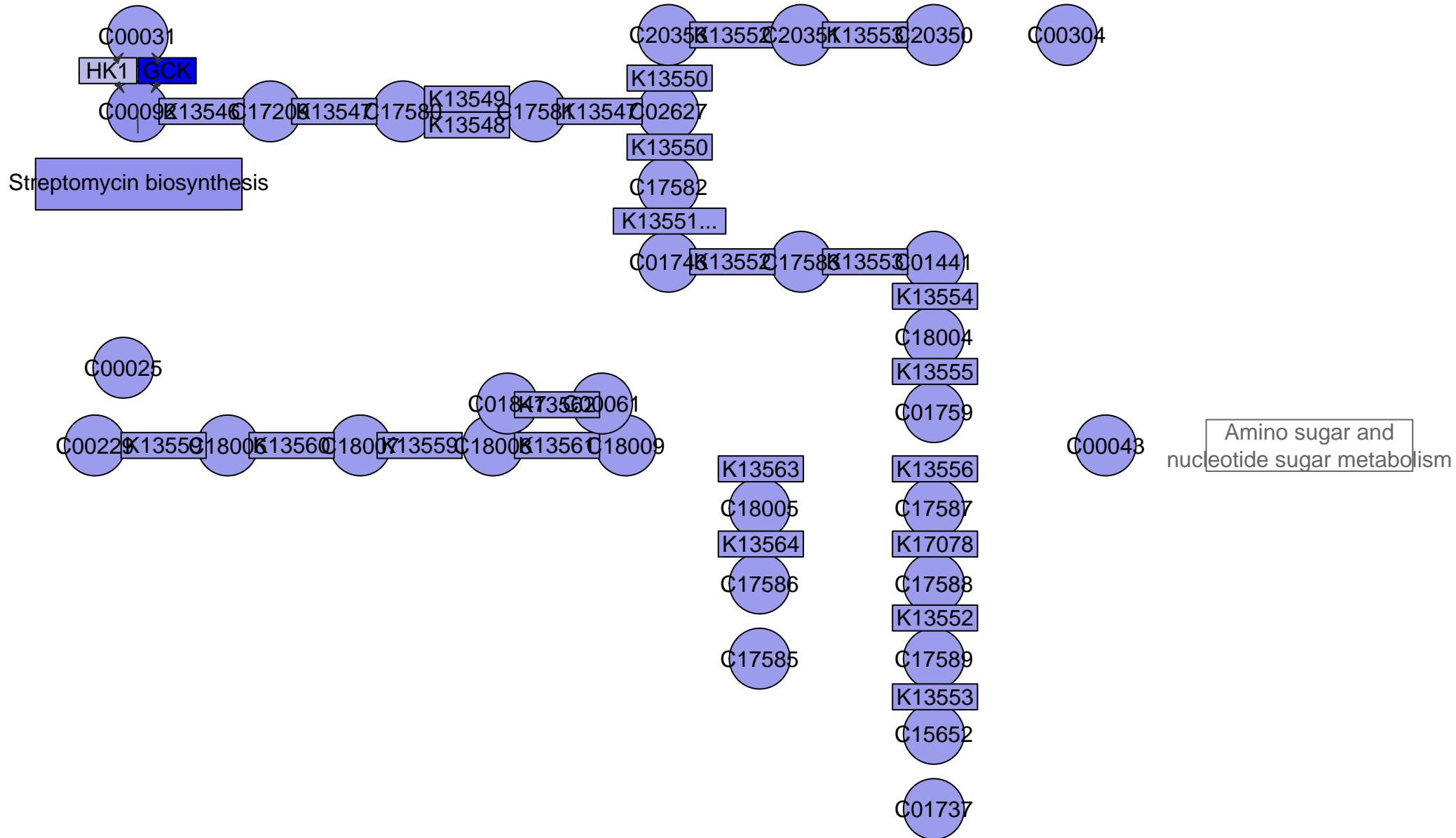
Butirosin and
neomycin biosynthesis
MPI-168



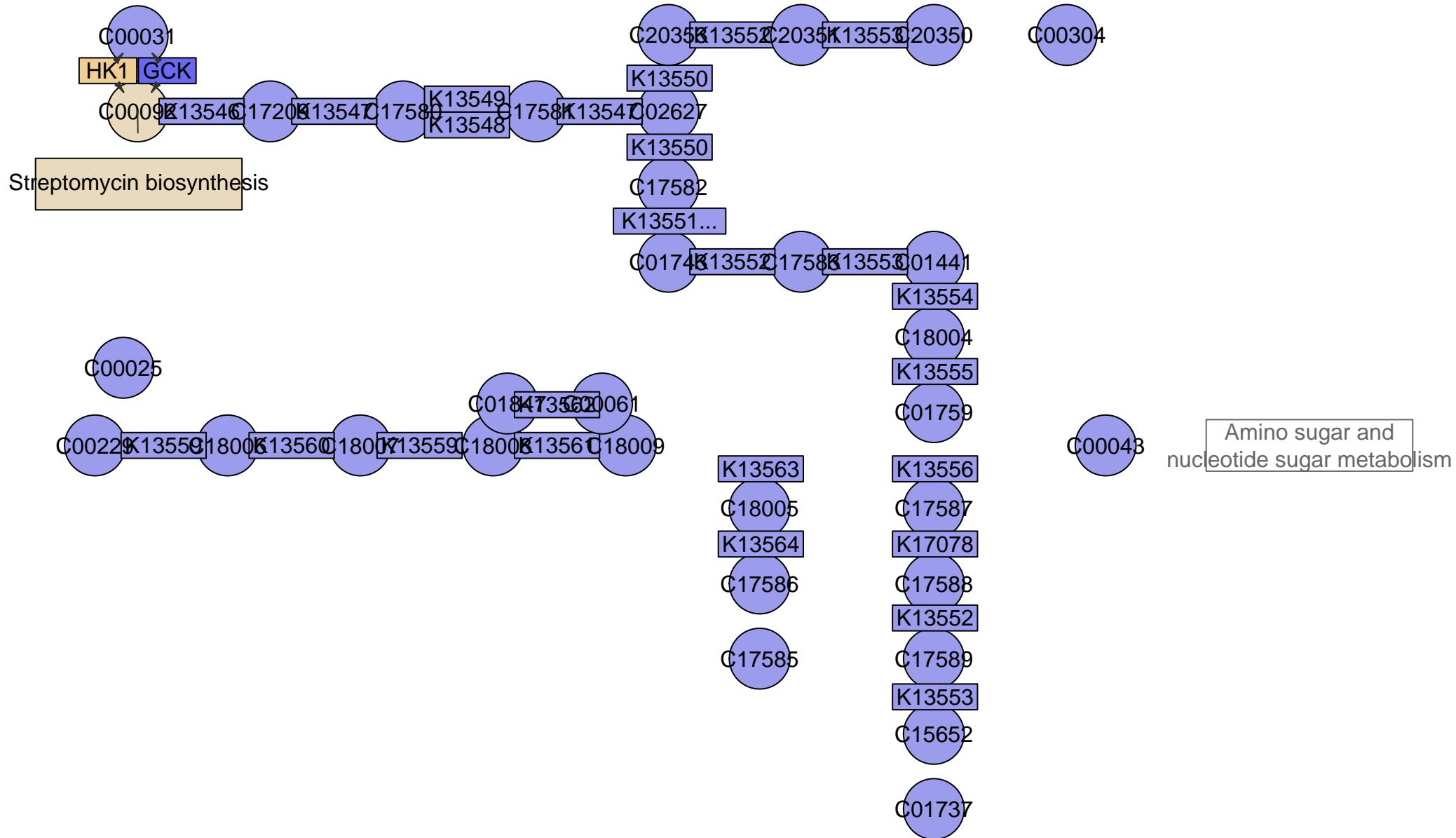
Butirosin and
neomycin biosynthesis
MPI-170



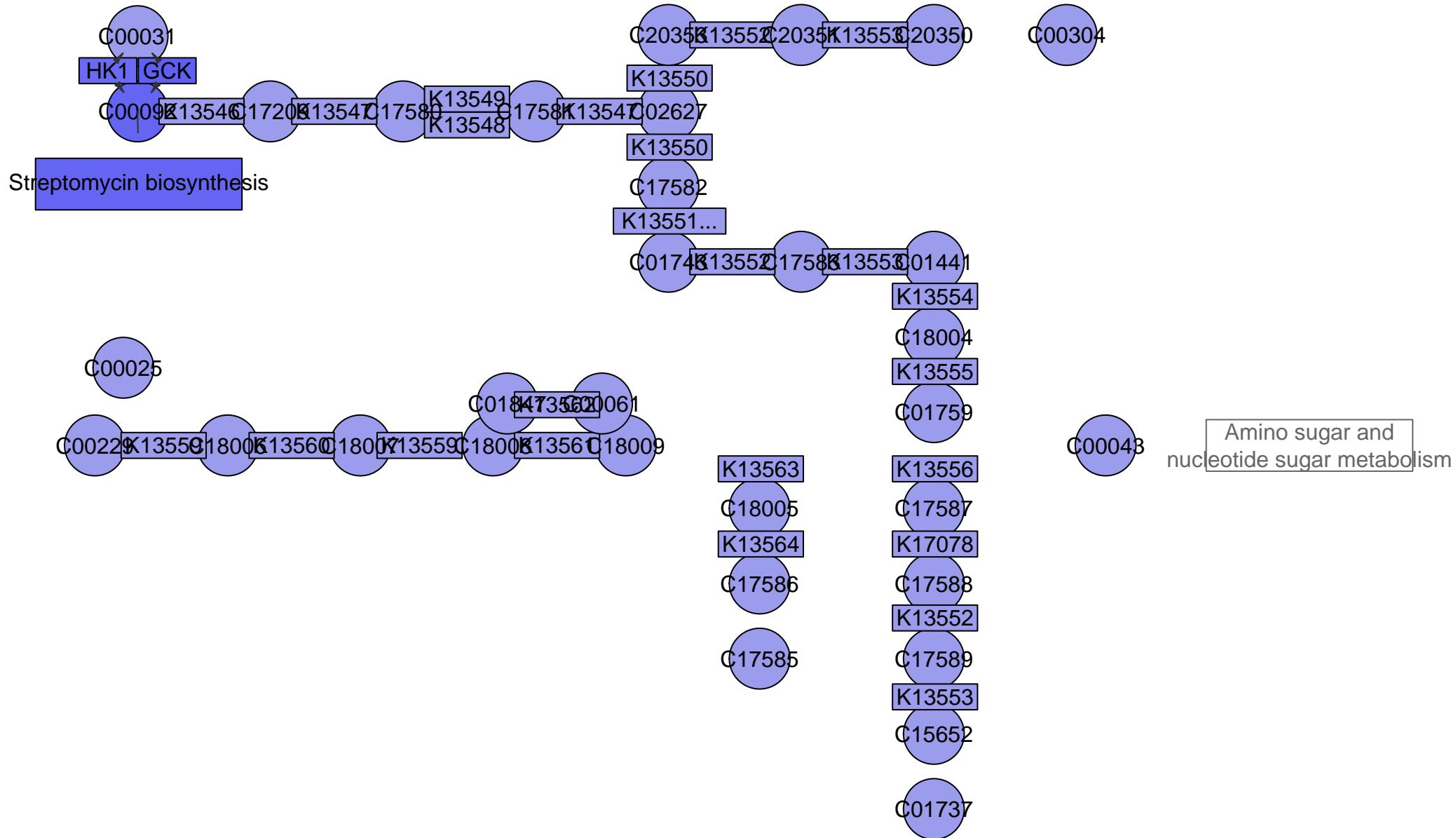
Butirosin and
neomycin biosynthesis
MPI-173



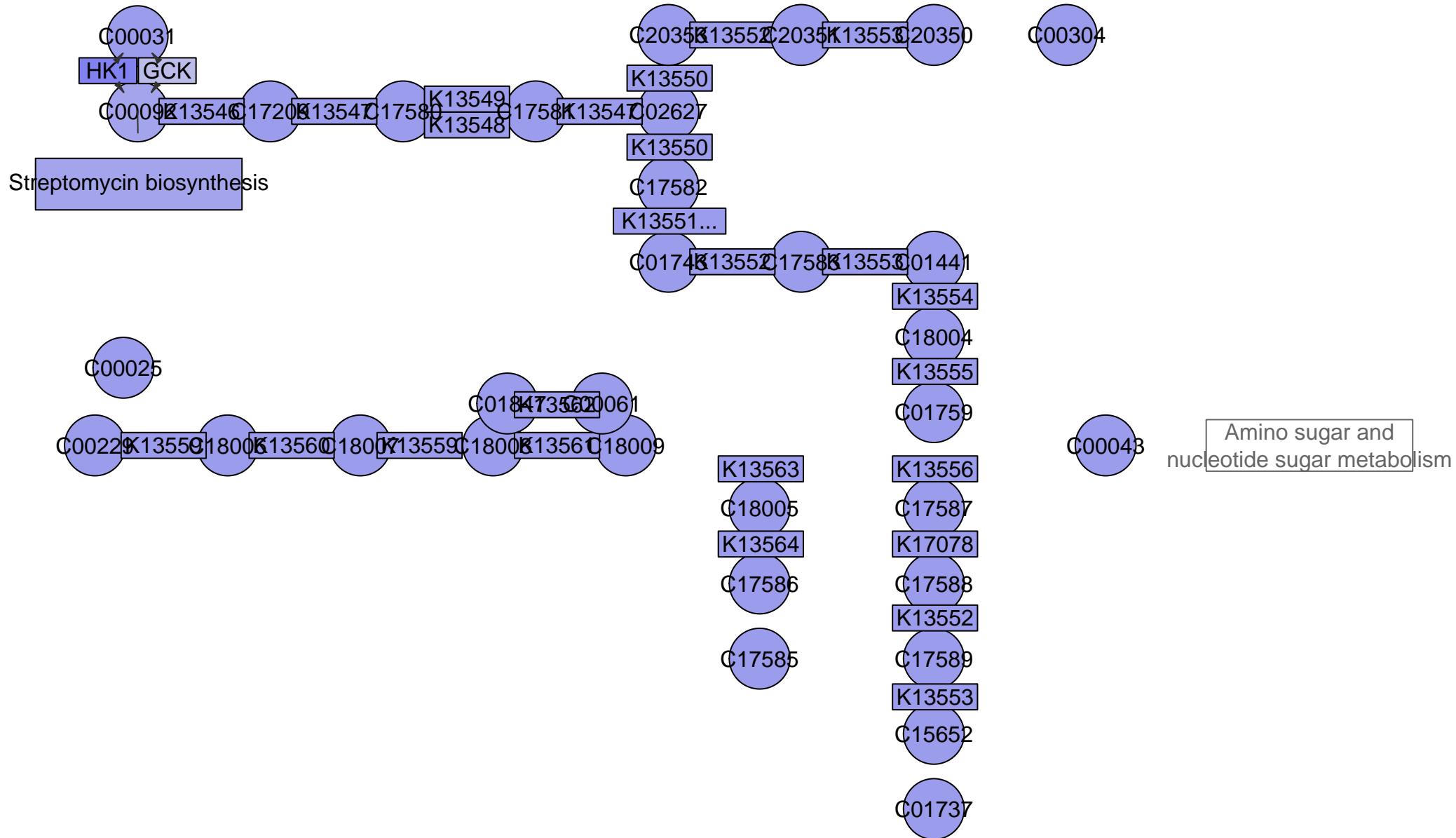
Butirosin and
neomycin biosynthesis
MPI-174

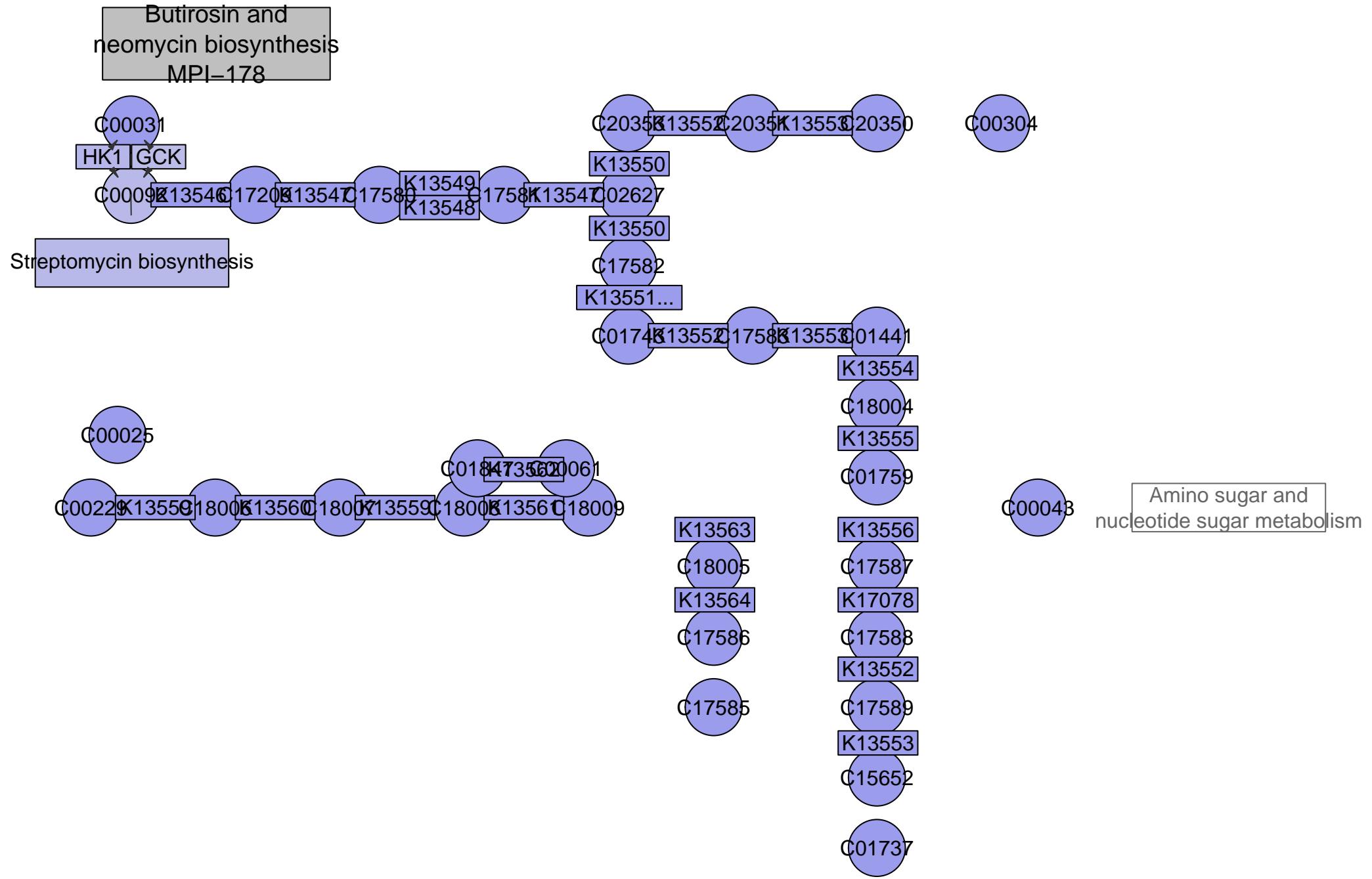


Butirosin and
neomycin biosynthesis
MPI-176

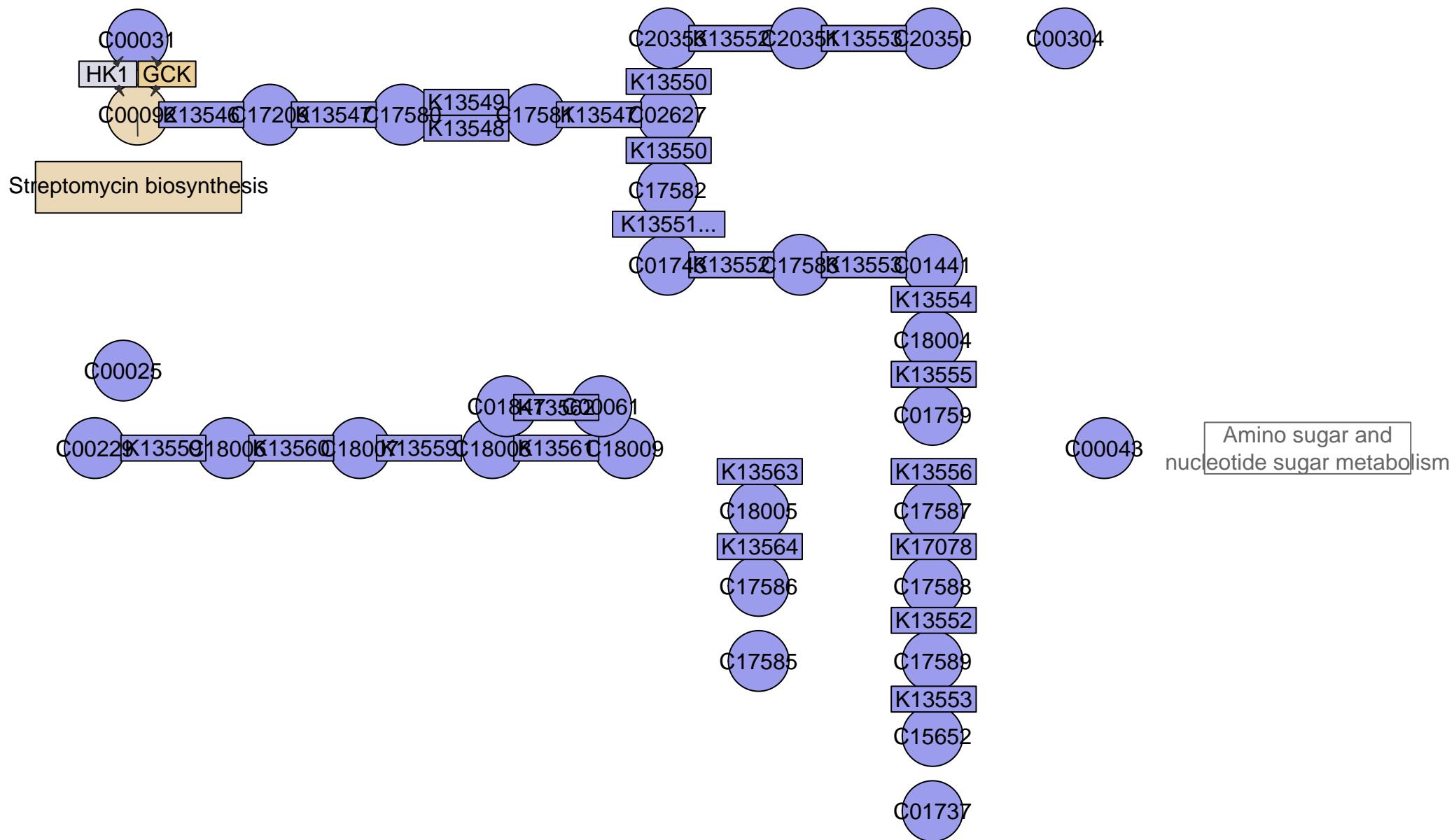


Butirosin and
neomycin biosynthesis
MPI-177

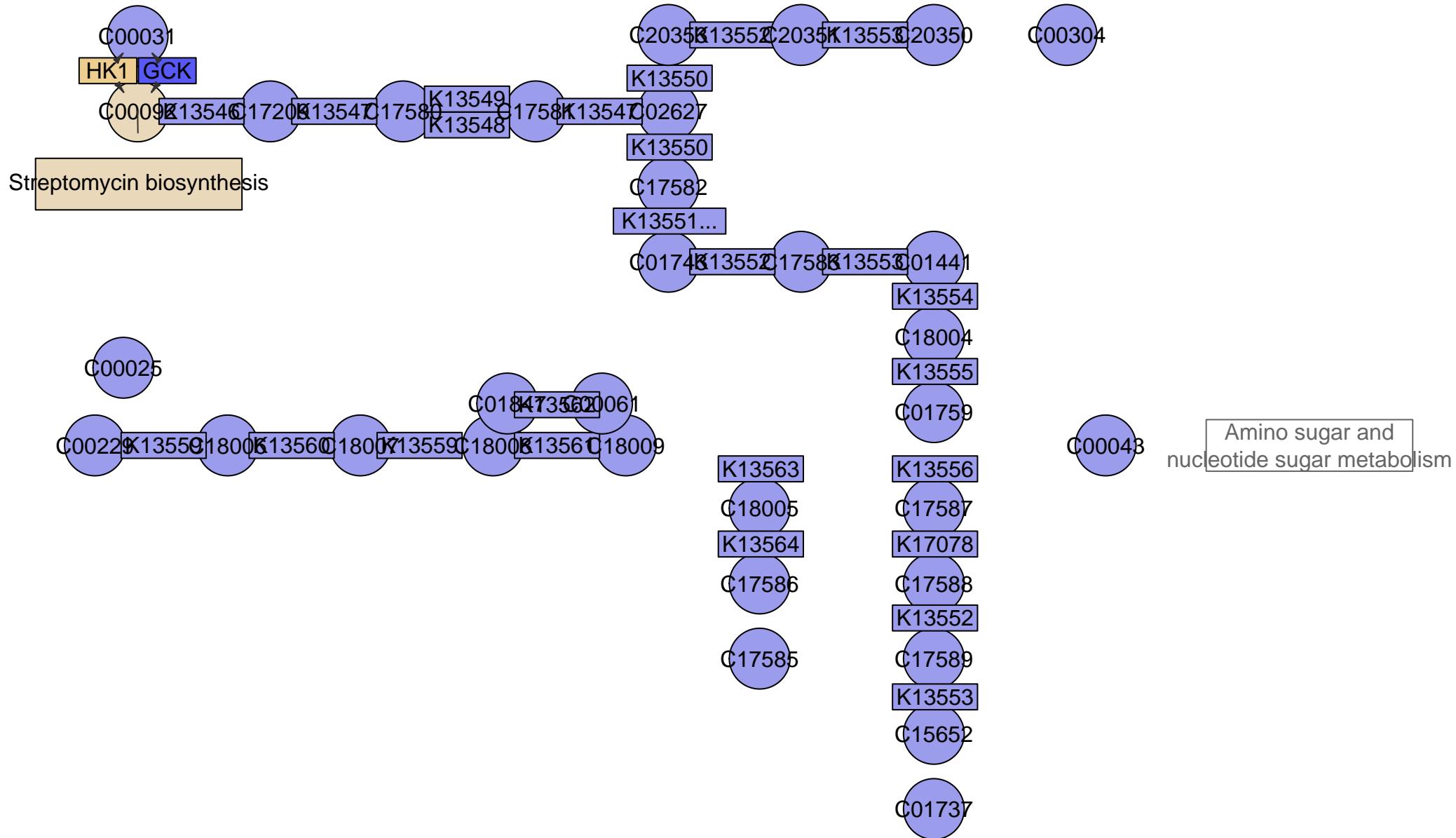




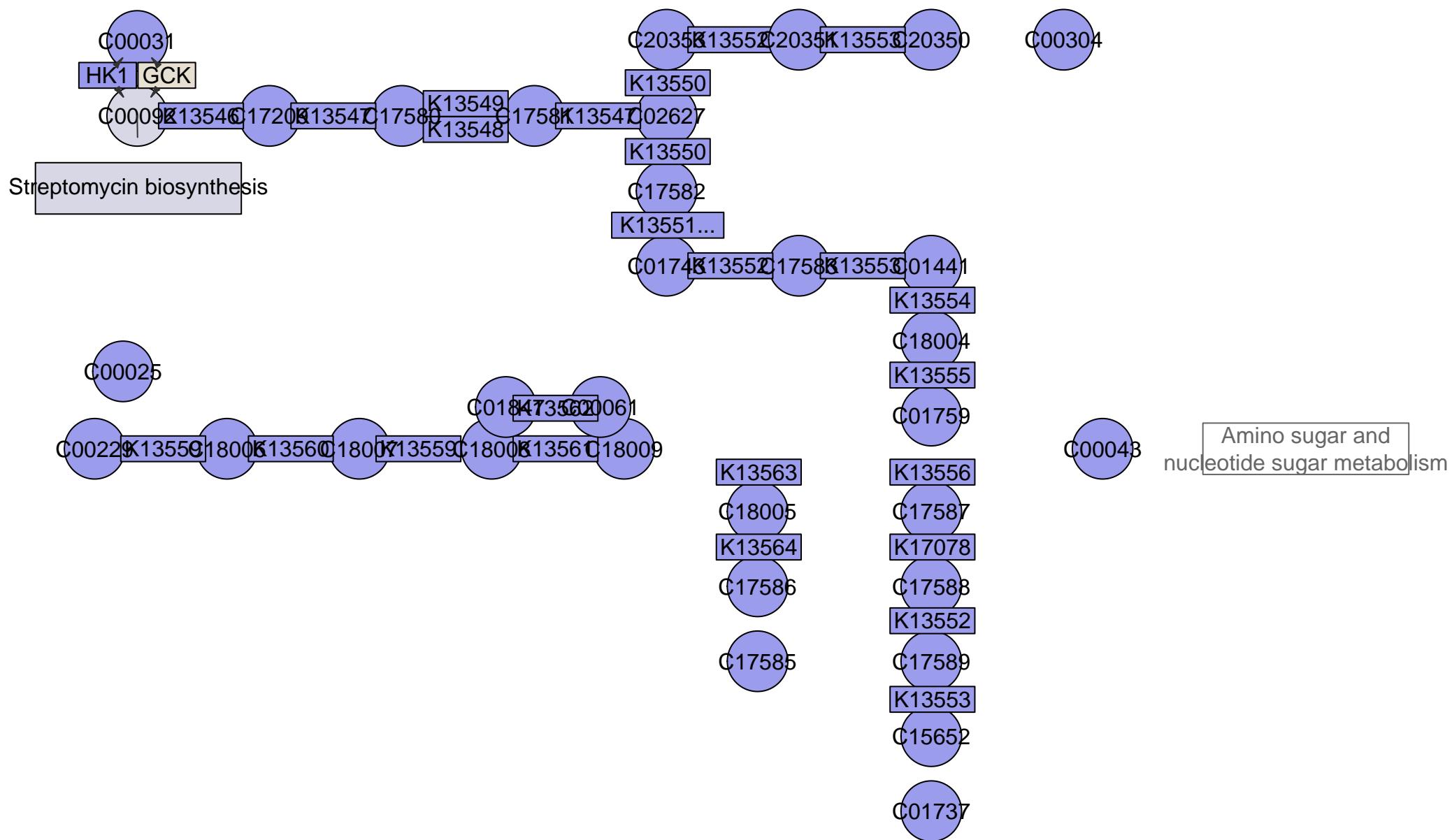
Butirosin and
neomycin biosynthesis
MPI-179



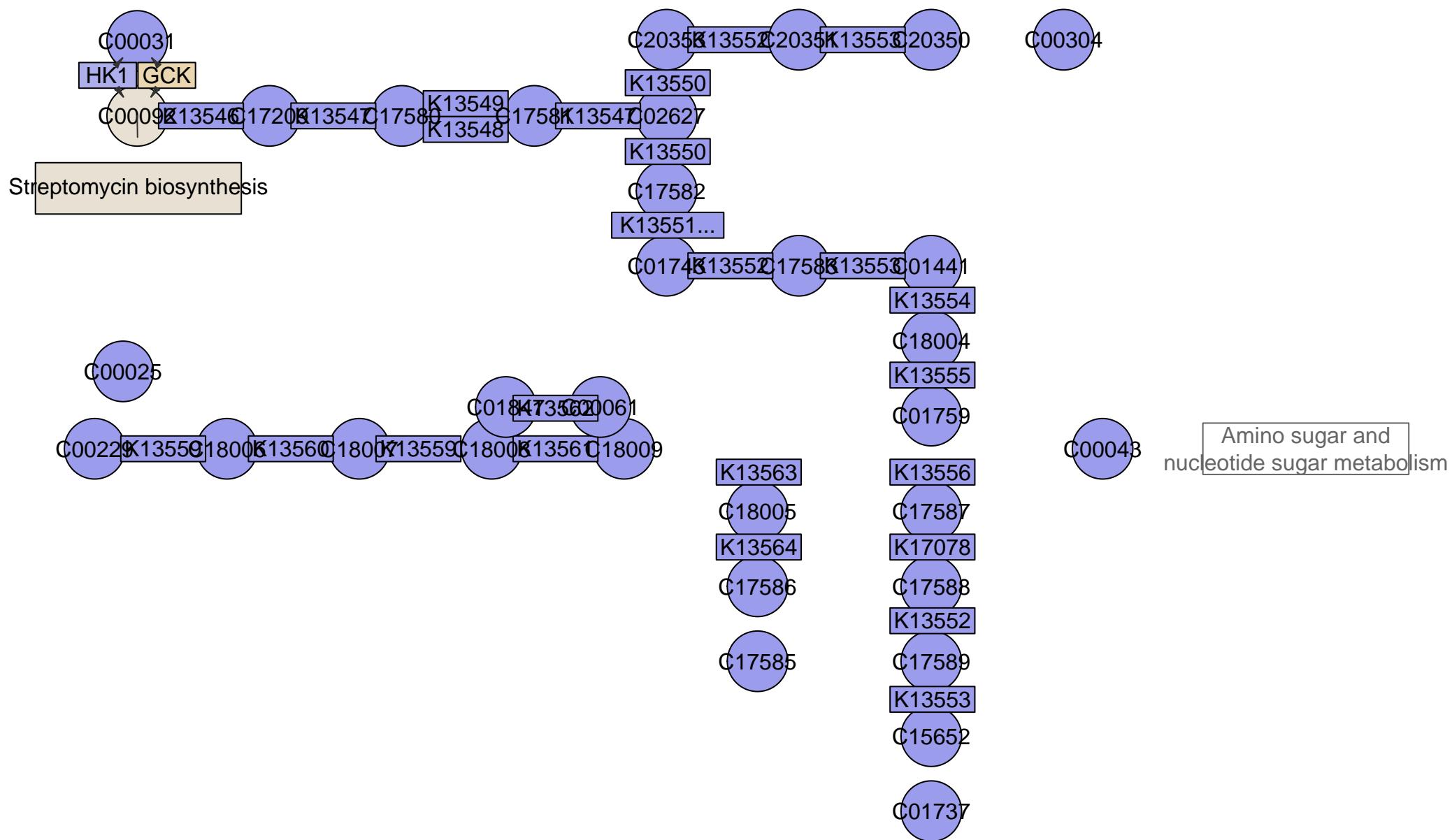
Butirosin and
neomycin biosynthesis
MPI-180



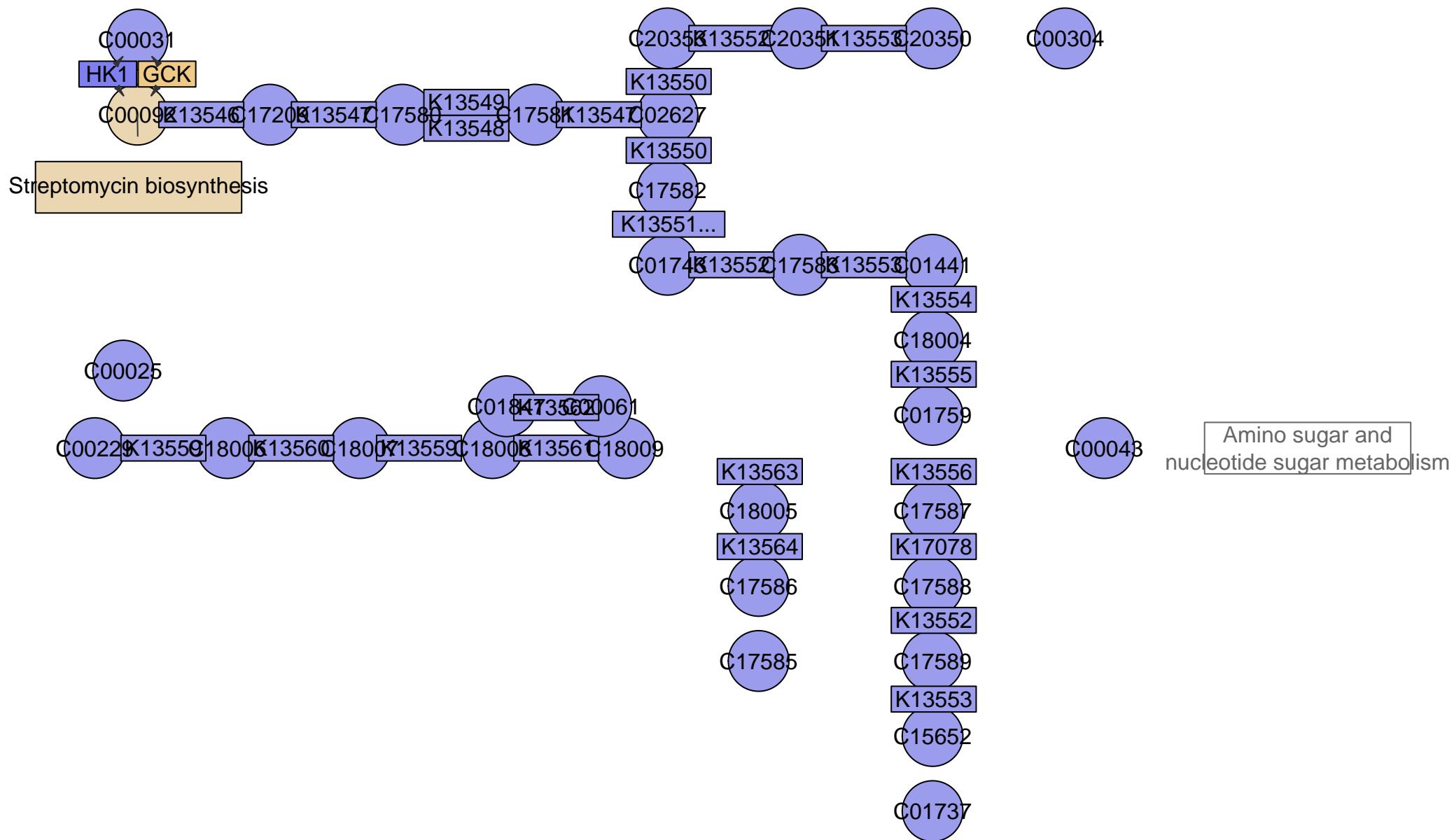
Butirosin and
neomycin biosynthesis
MPI-182



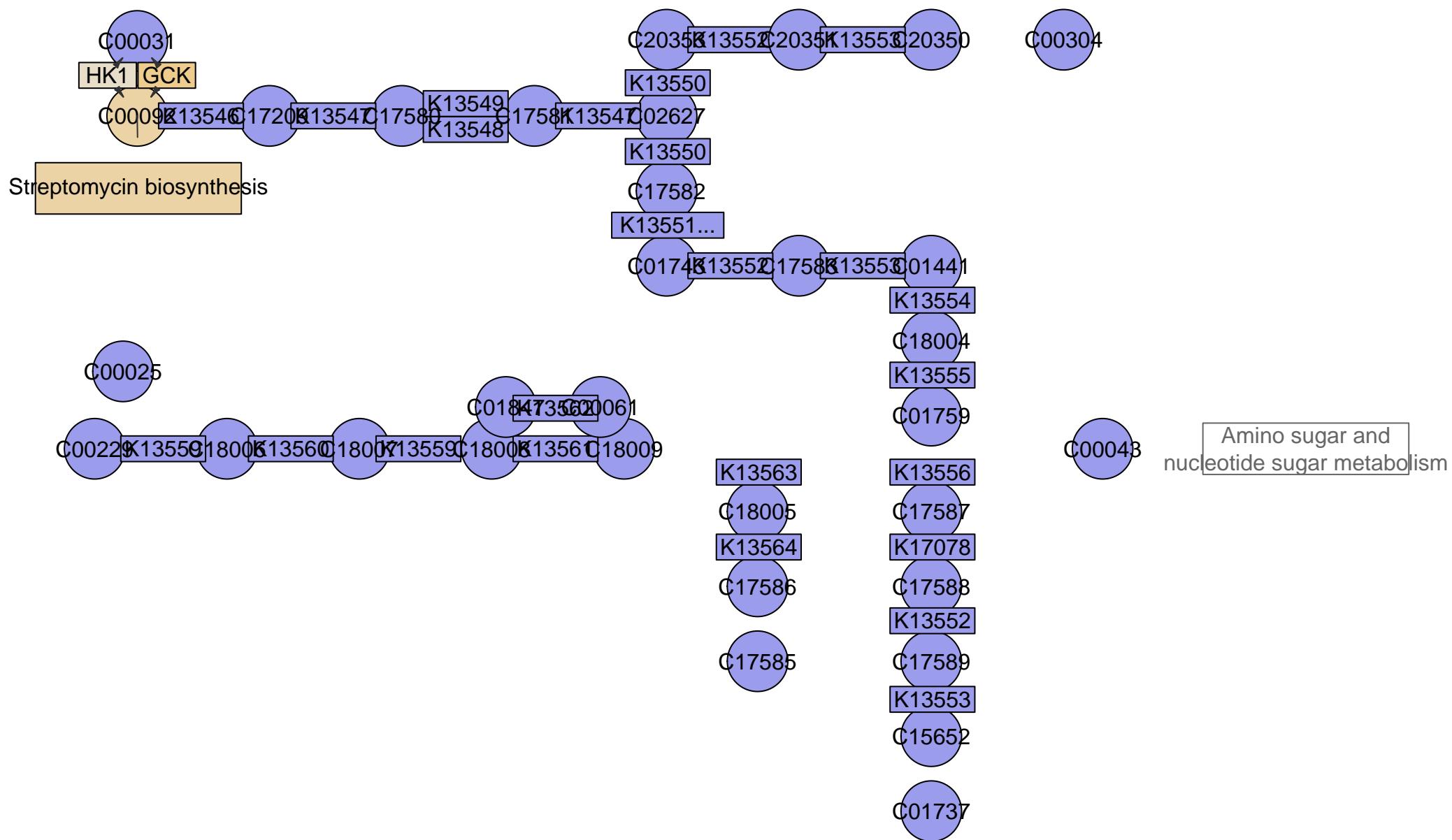
Butirosin and
neomycin biosynthesis
MPI-183



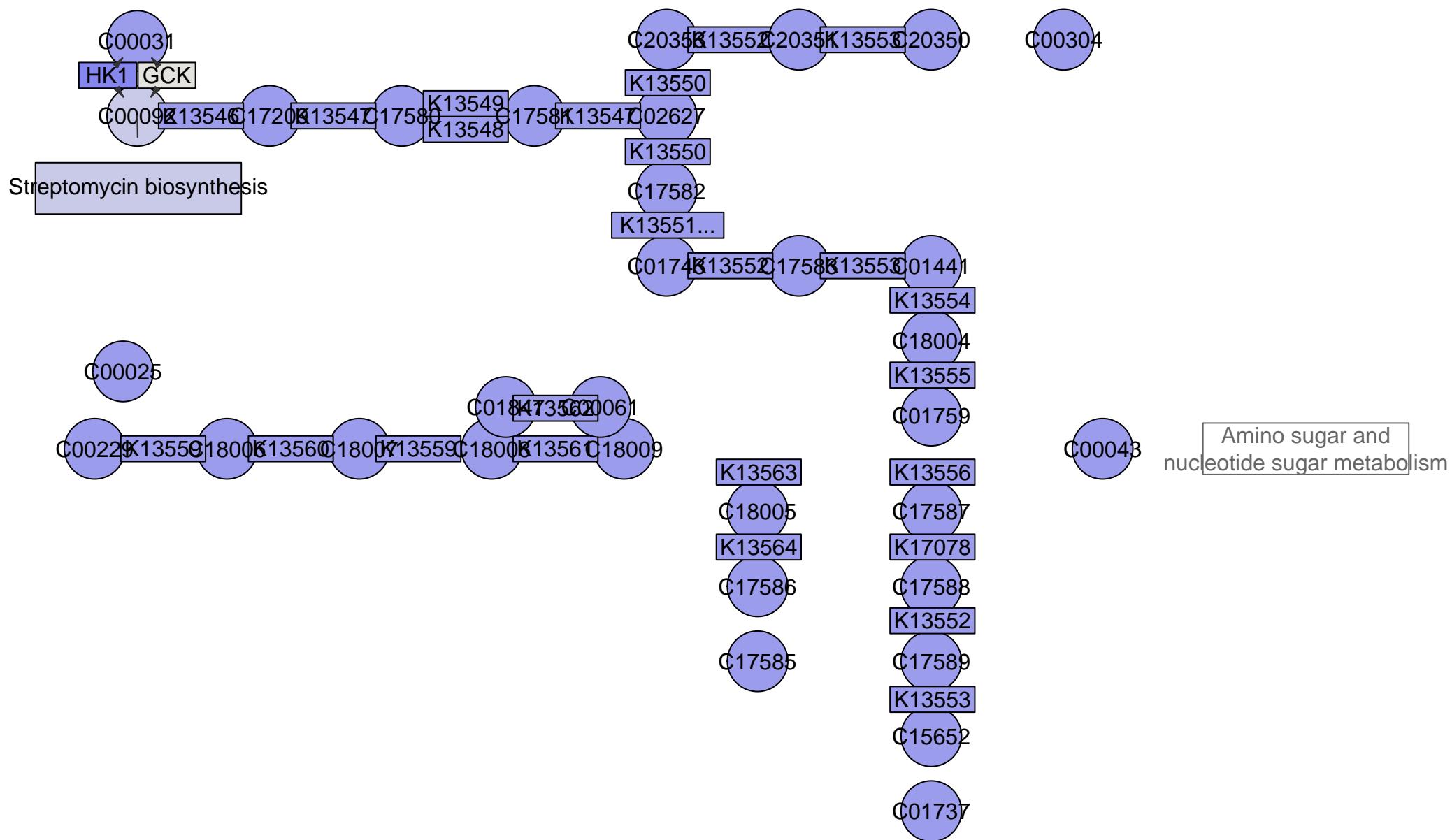
Butirosin and
neomycin biosynthesis
MPI-184



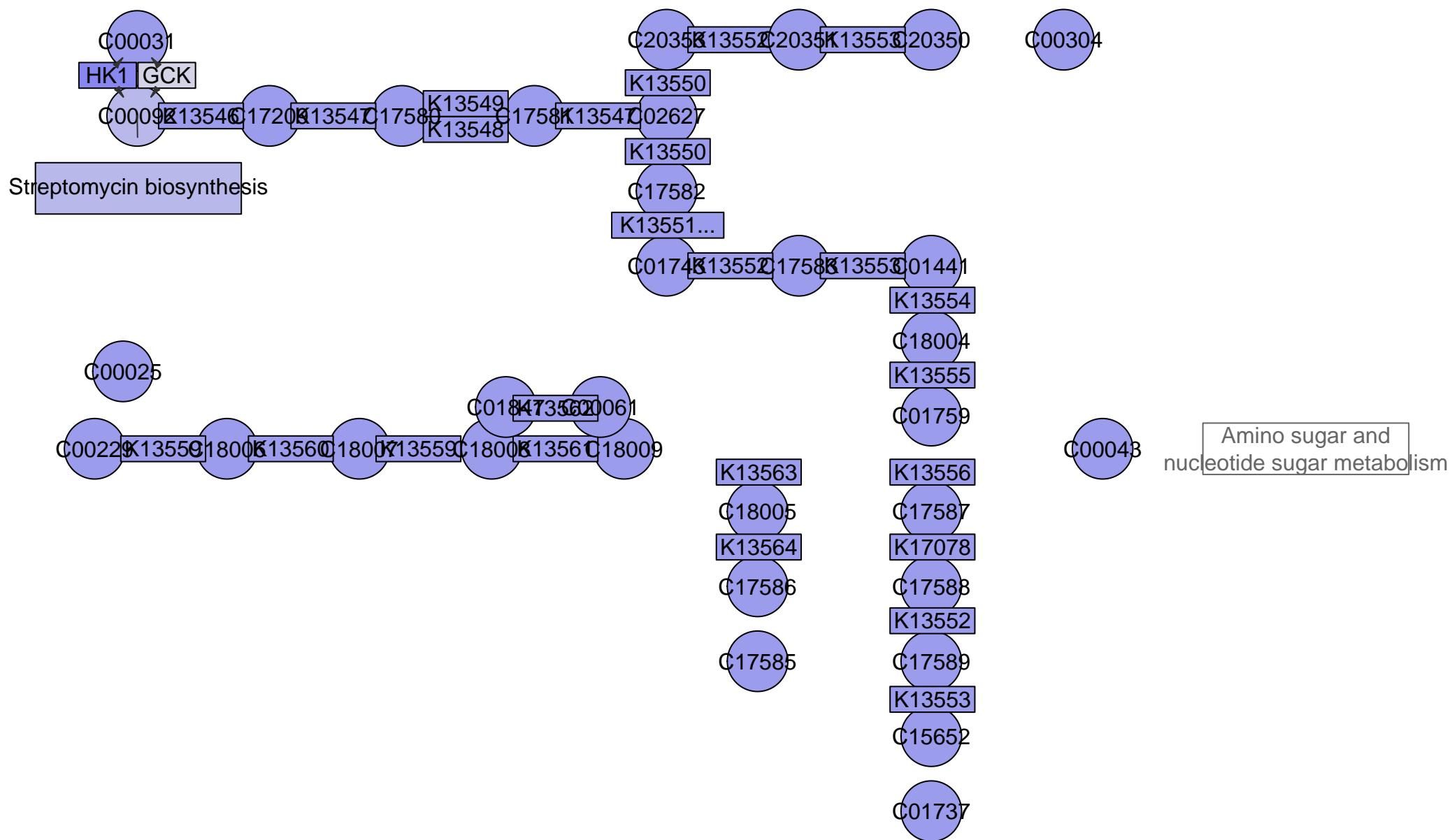
Butirosin and
neomycin biosynthesis
MPI-185



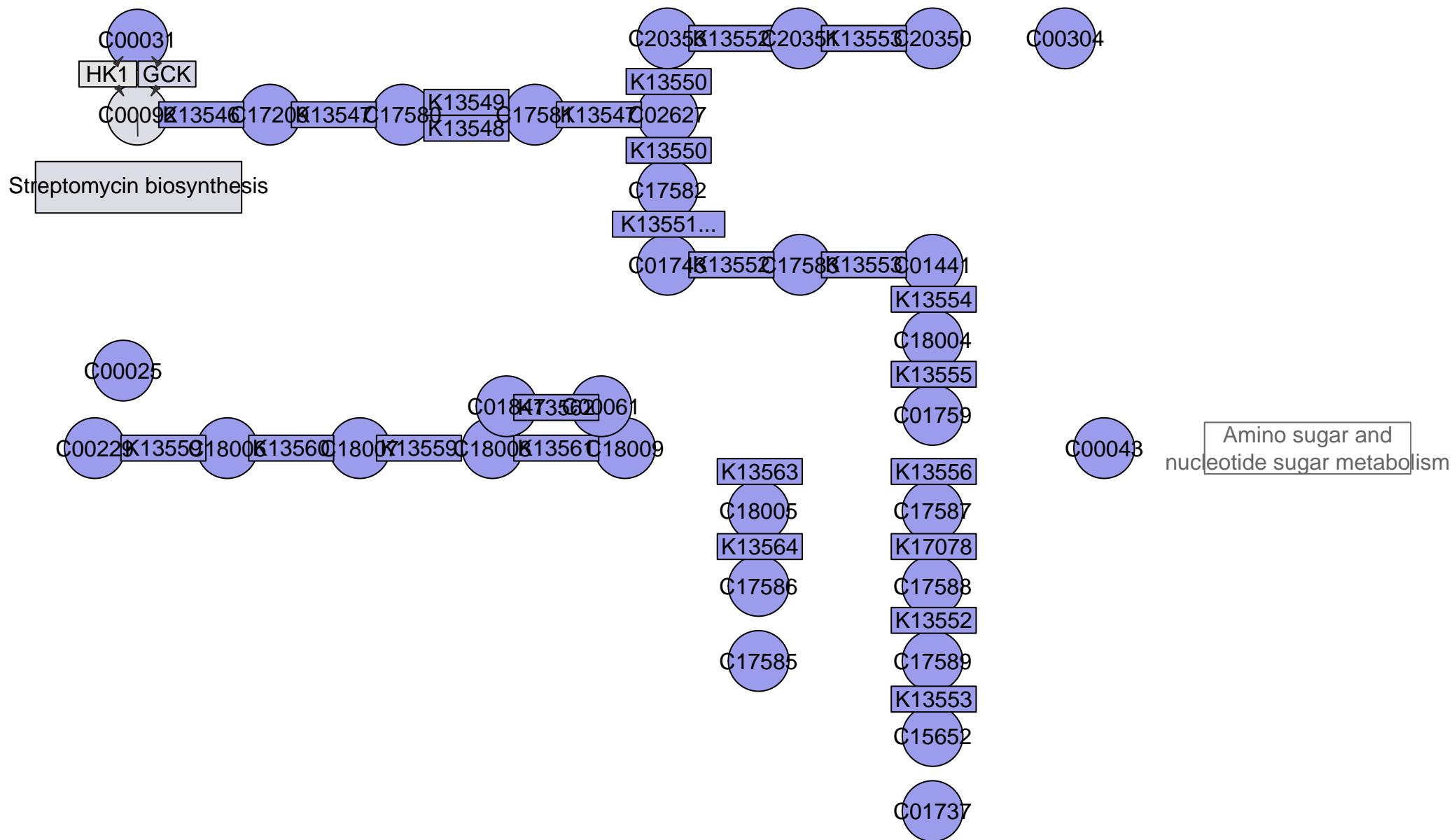
Butirosin and
neomycin biosynthesis
MPI-186



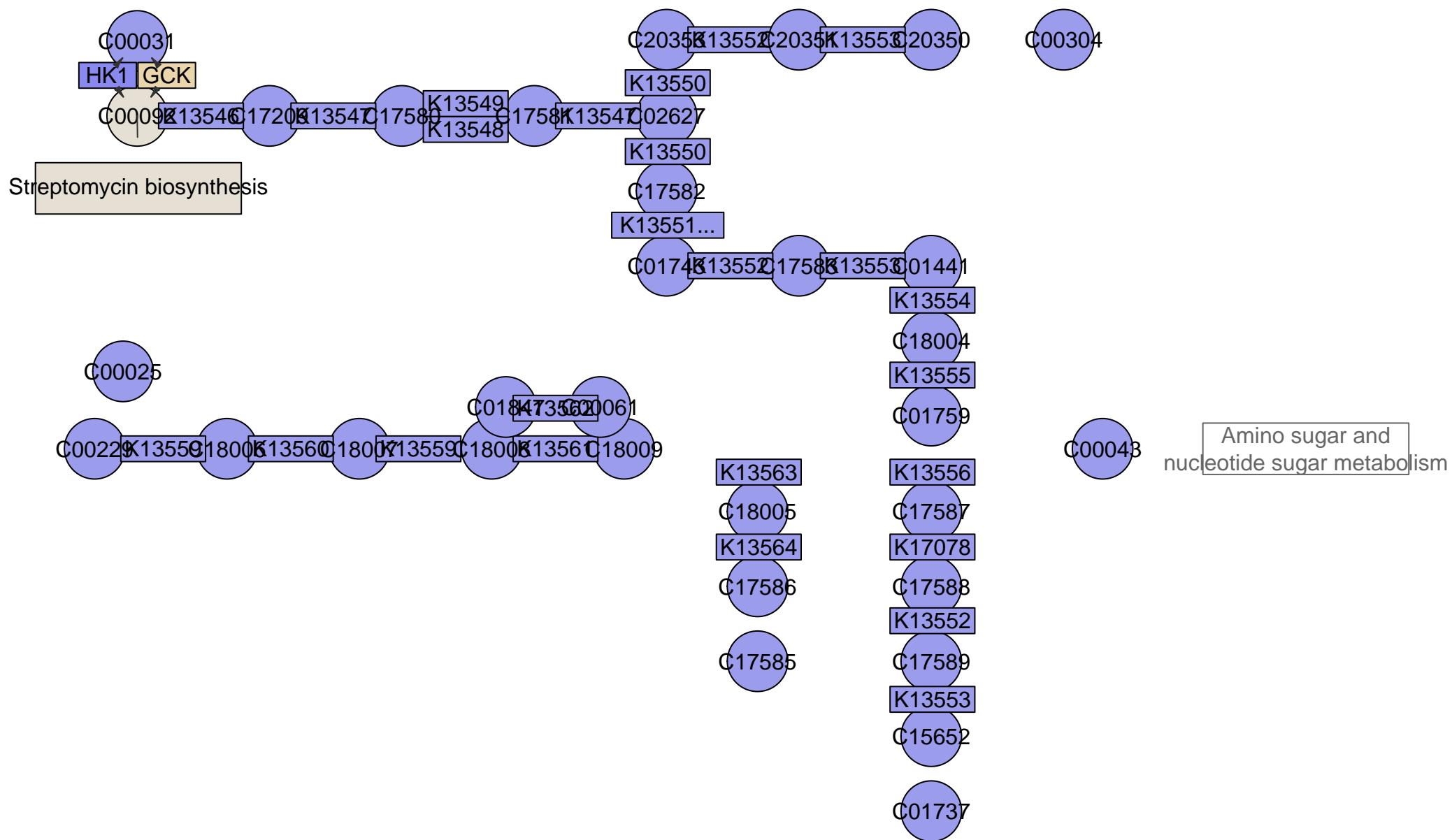
Butirosin and
neomycin biosynthesis
MPI-188



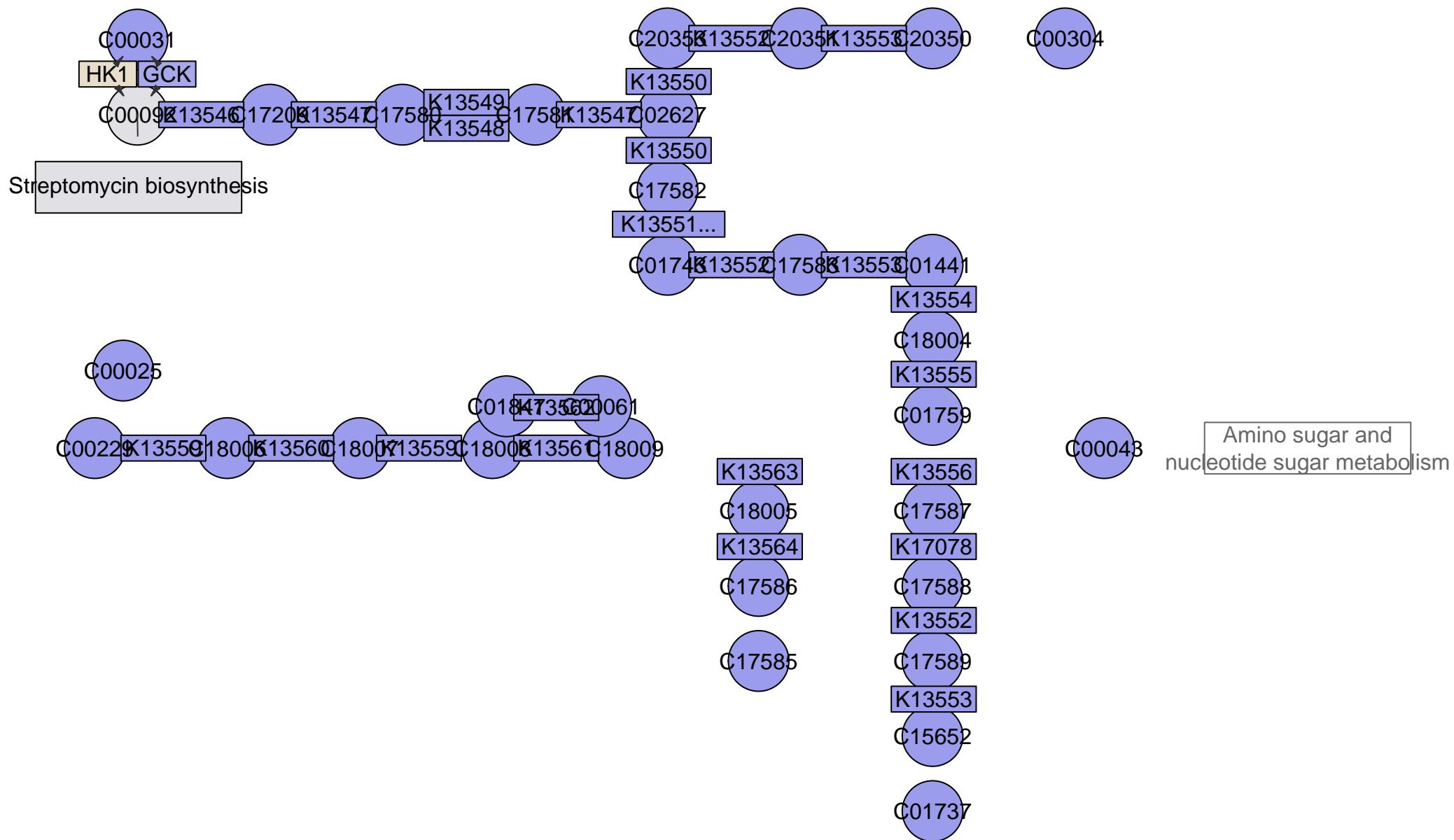
Butirosin and
neomycin biosynthesis
MPI-189



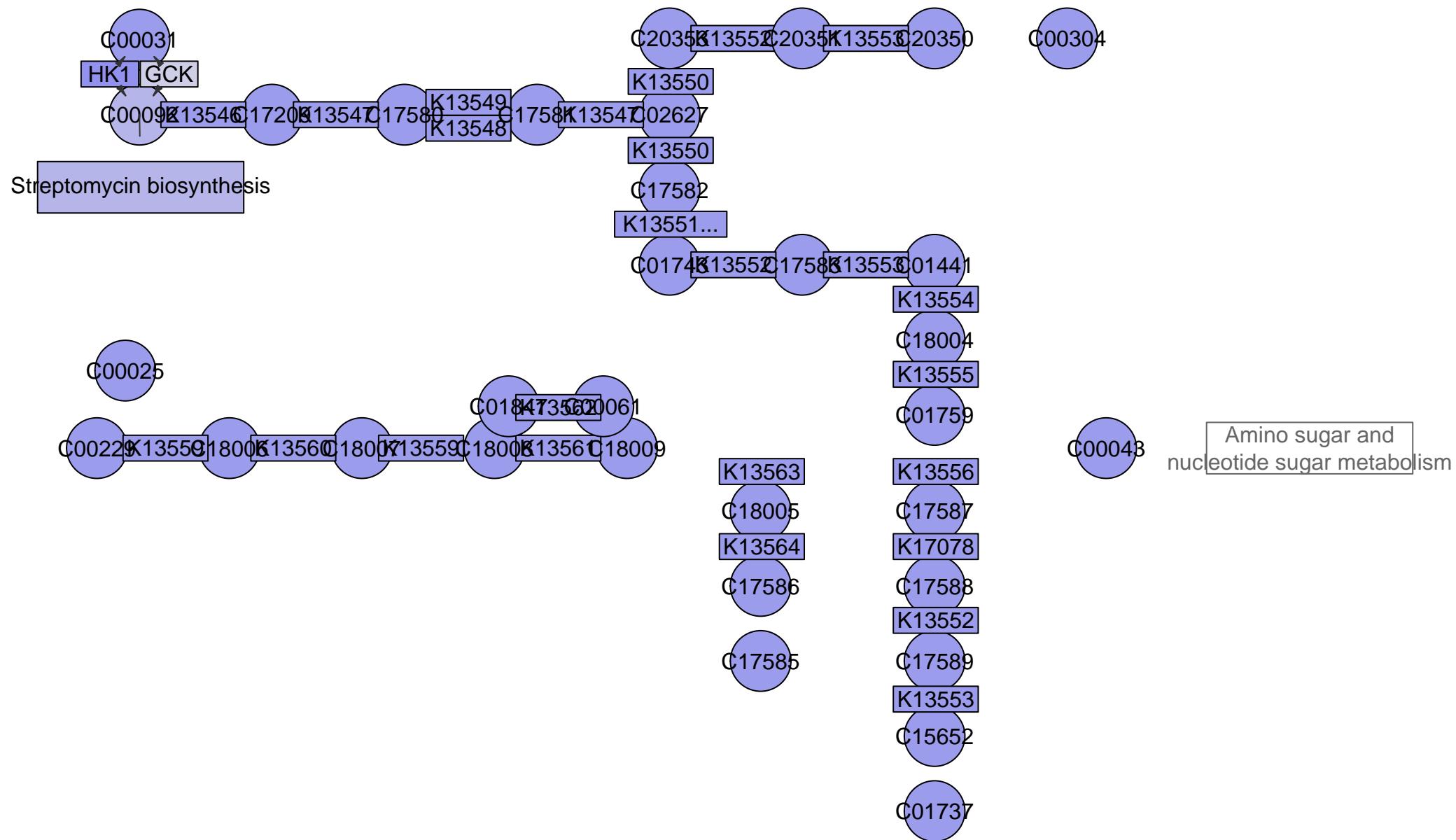
Butirosin and
neomycin biosynthesis
MPI-190



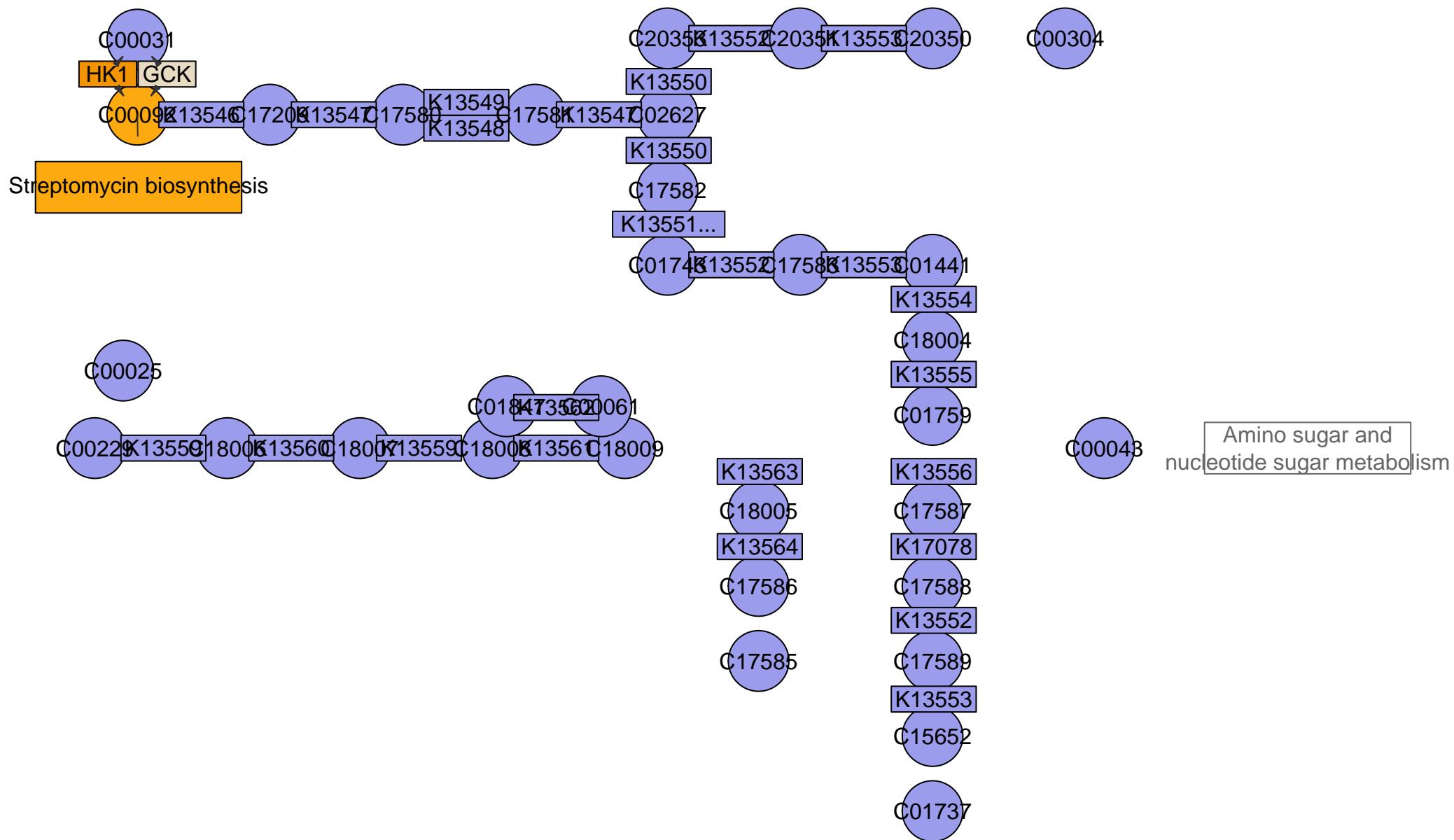
Butirosin and
neomycin biosynthesis
MPI-191



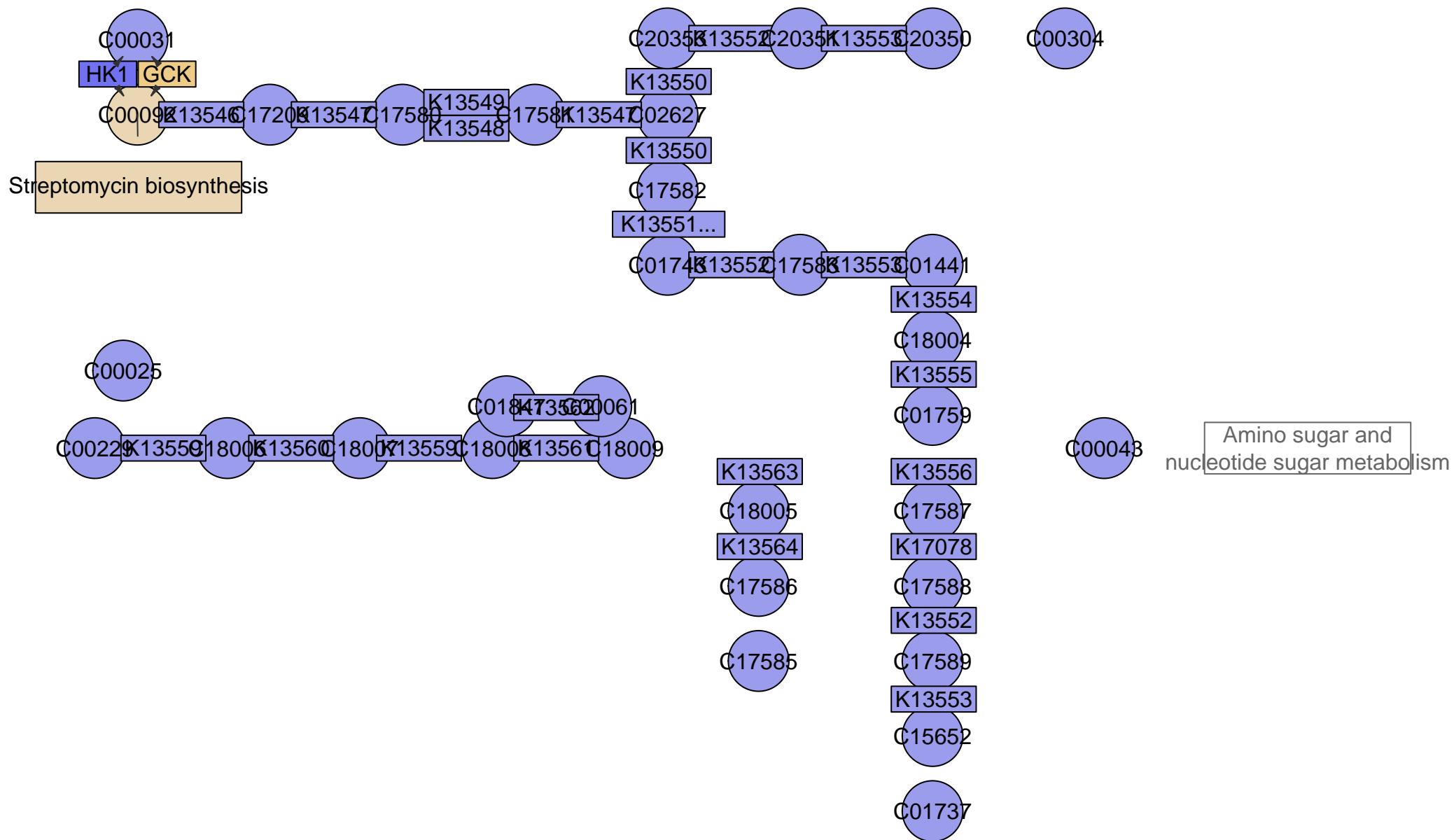
Butirosin and
neomycin biosynthesis
MPI-192



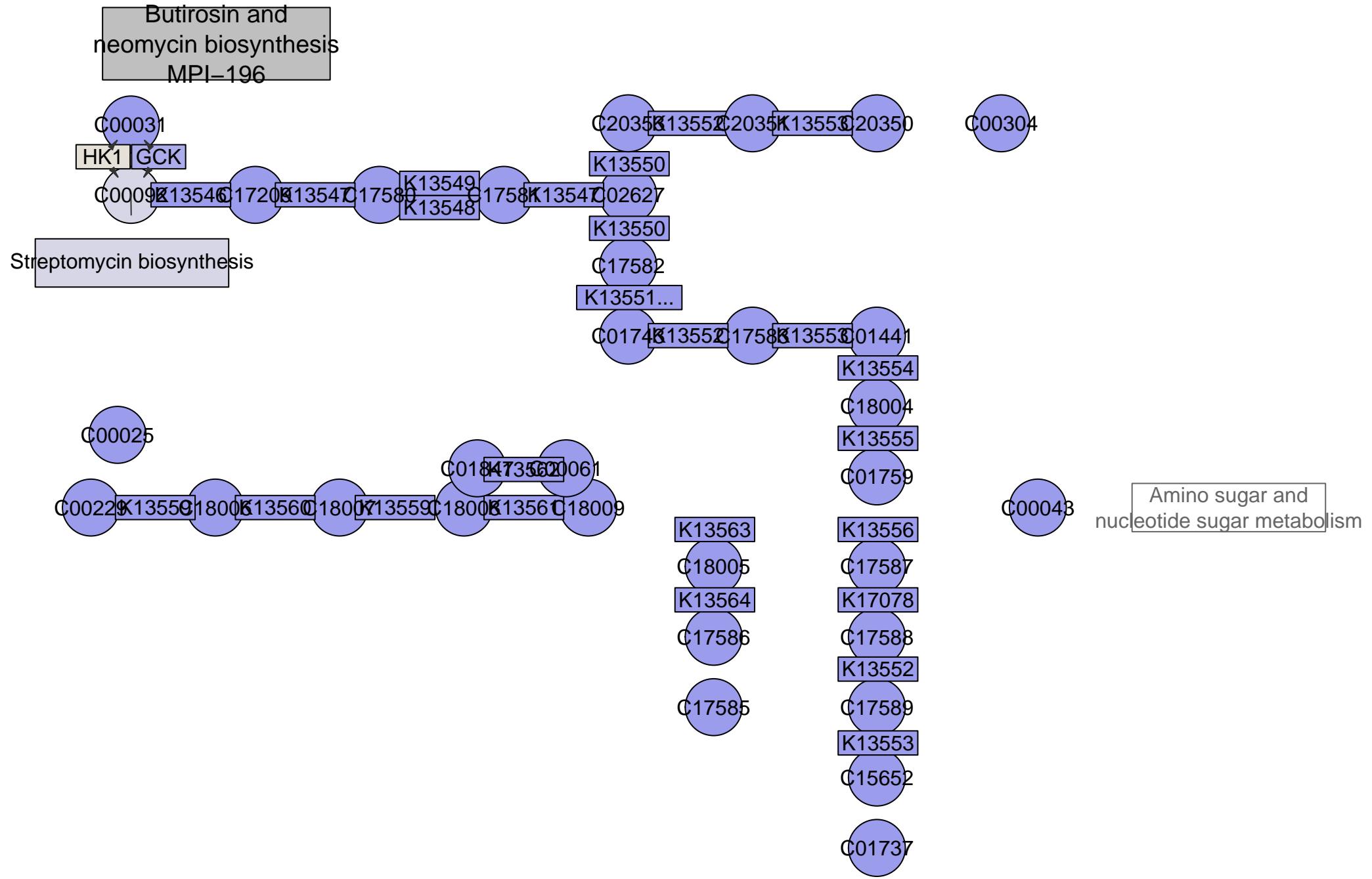
Butirosin and
neomycin biosynthesis
MPI-194



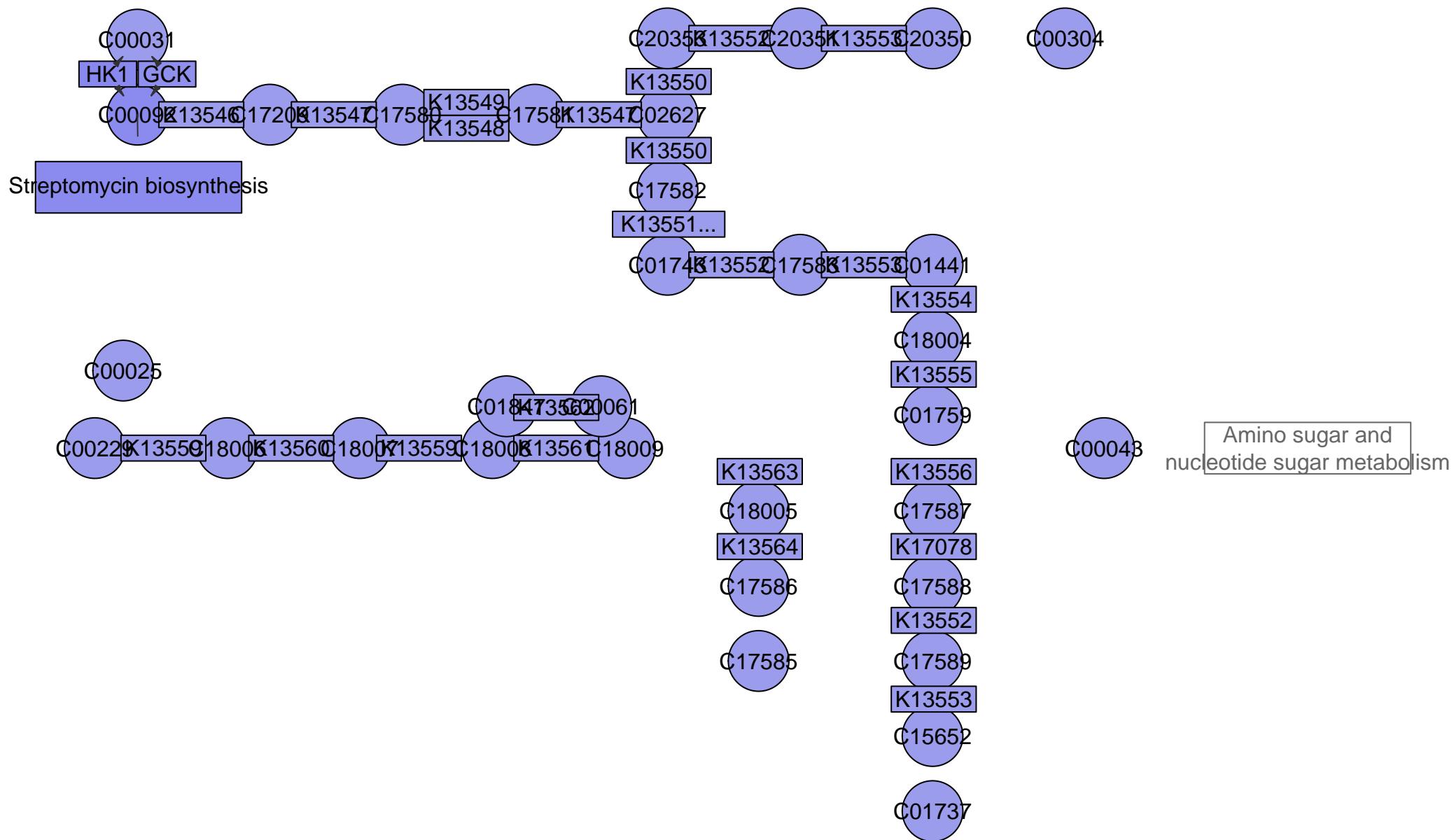
Butirosin and
neomycin biosynthesis
MPI-195



Amino sugar and
nucleotide sugar metabolism

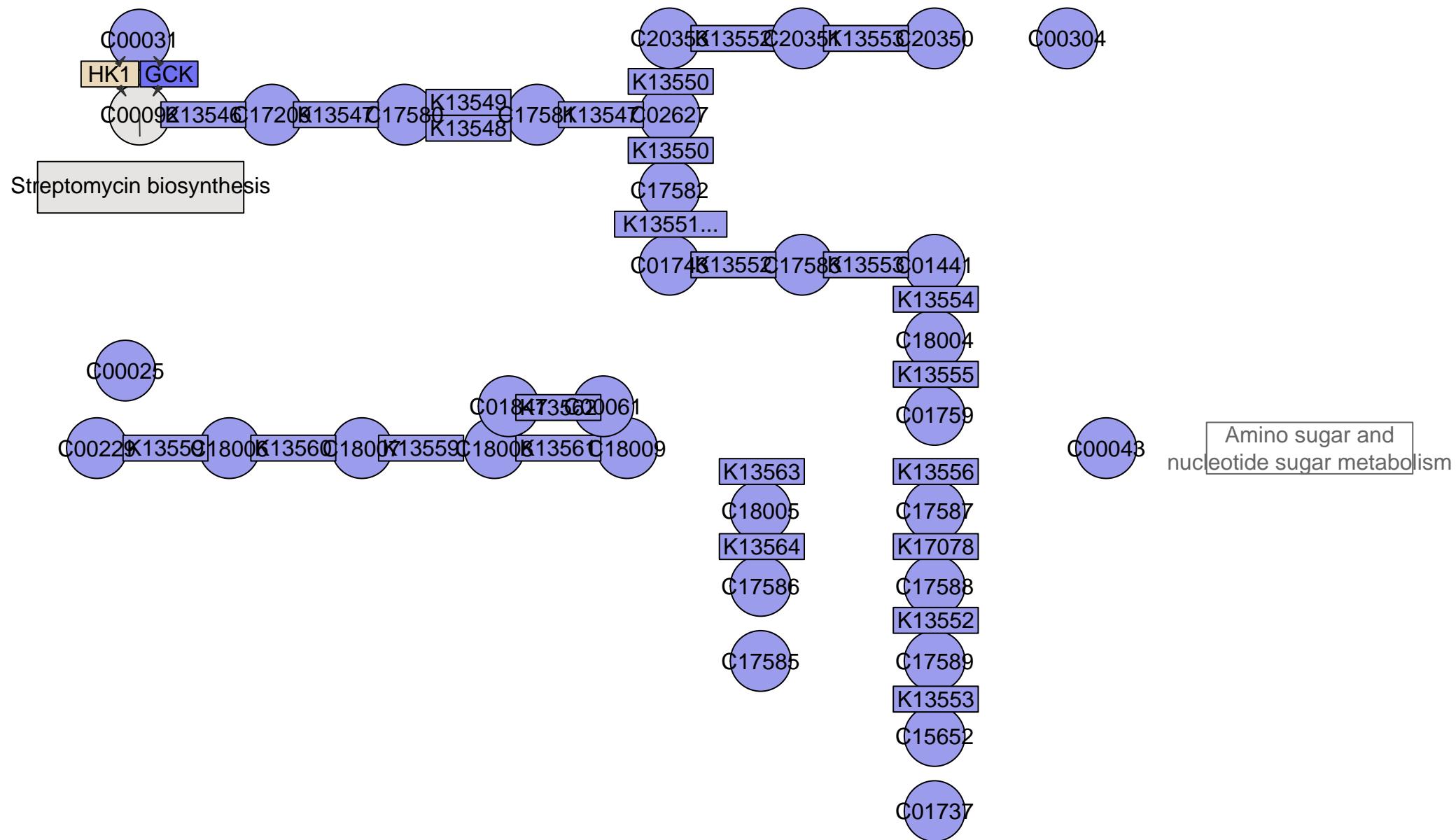


Butirosin and
neomycin biosynthesis
MPI-198

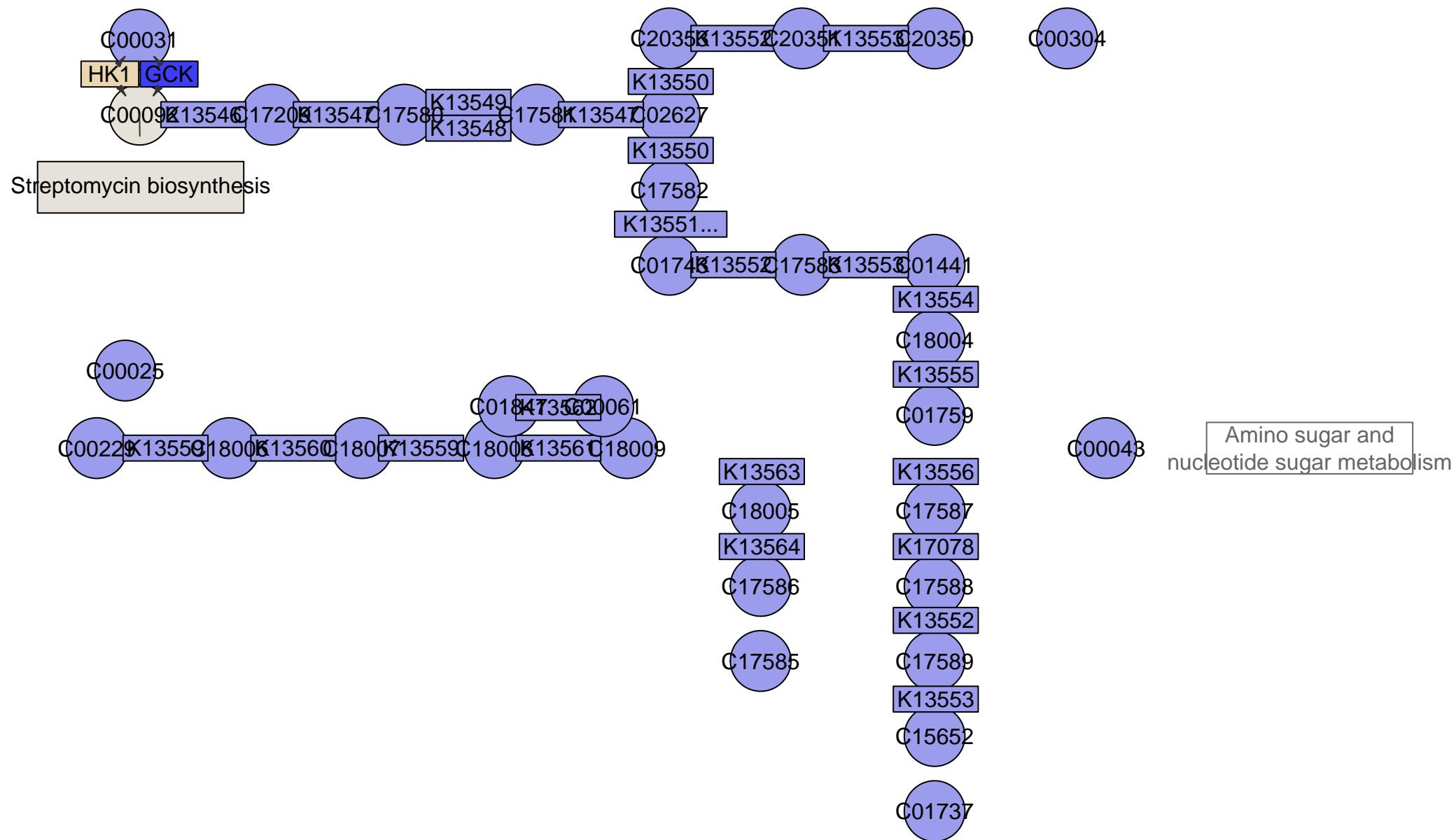


Amino sugar and
nucleotide sugar metabolism

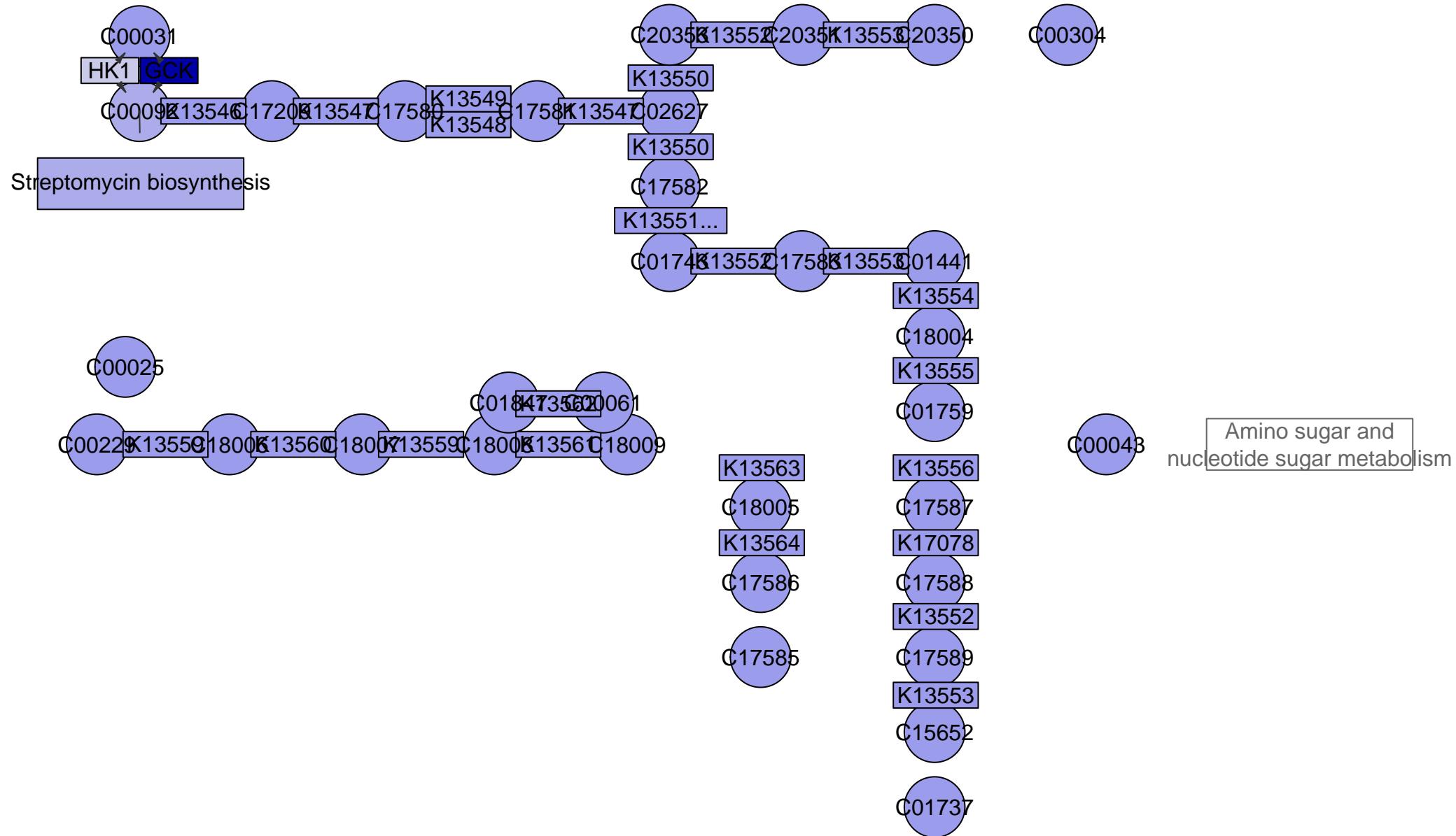
Butirosin and
neomycin biosynthesis
MPI-199



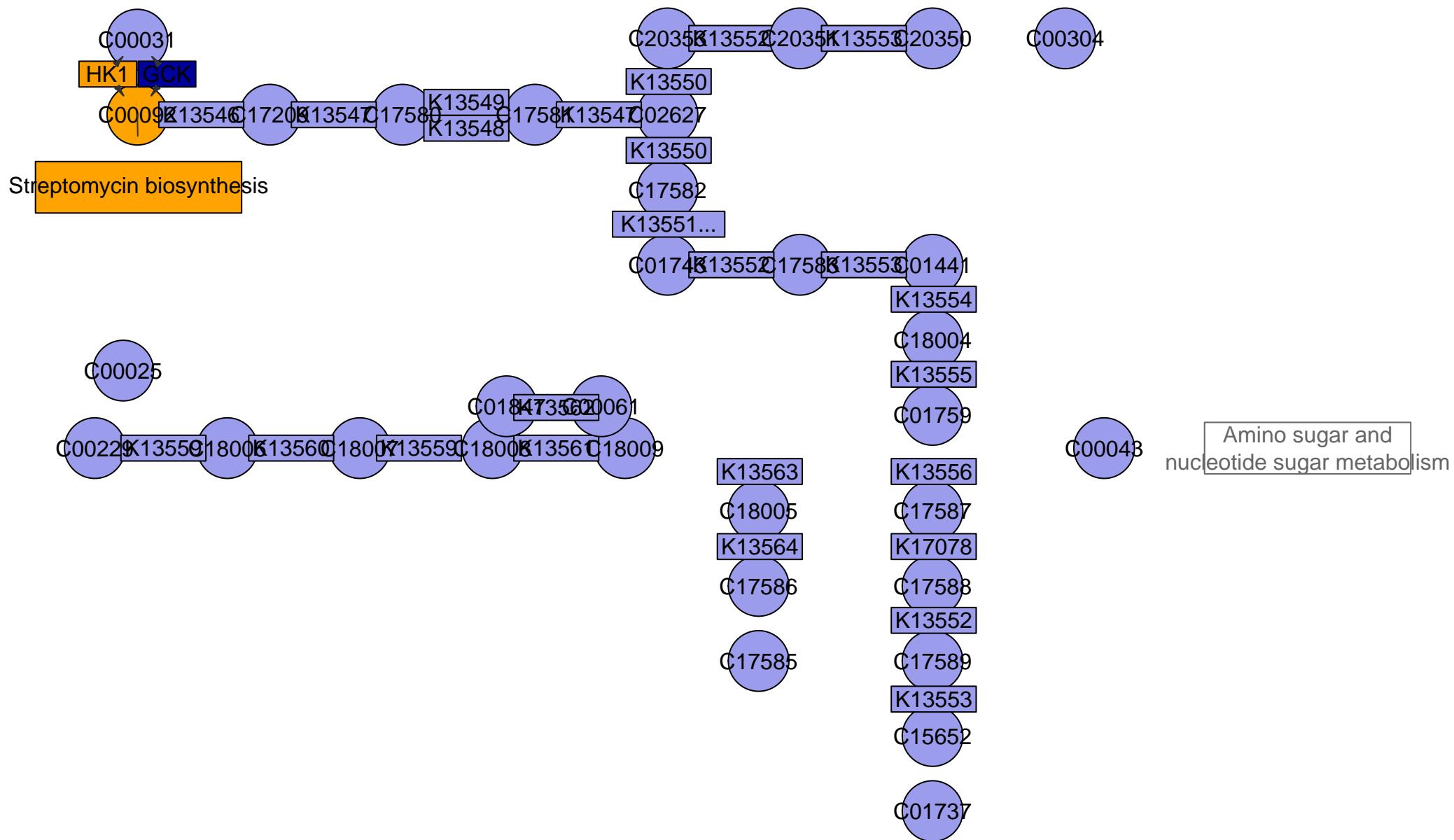
Butirosin and
neomycin biosynthesis
MPI-200



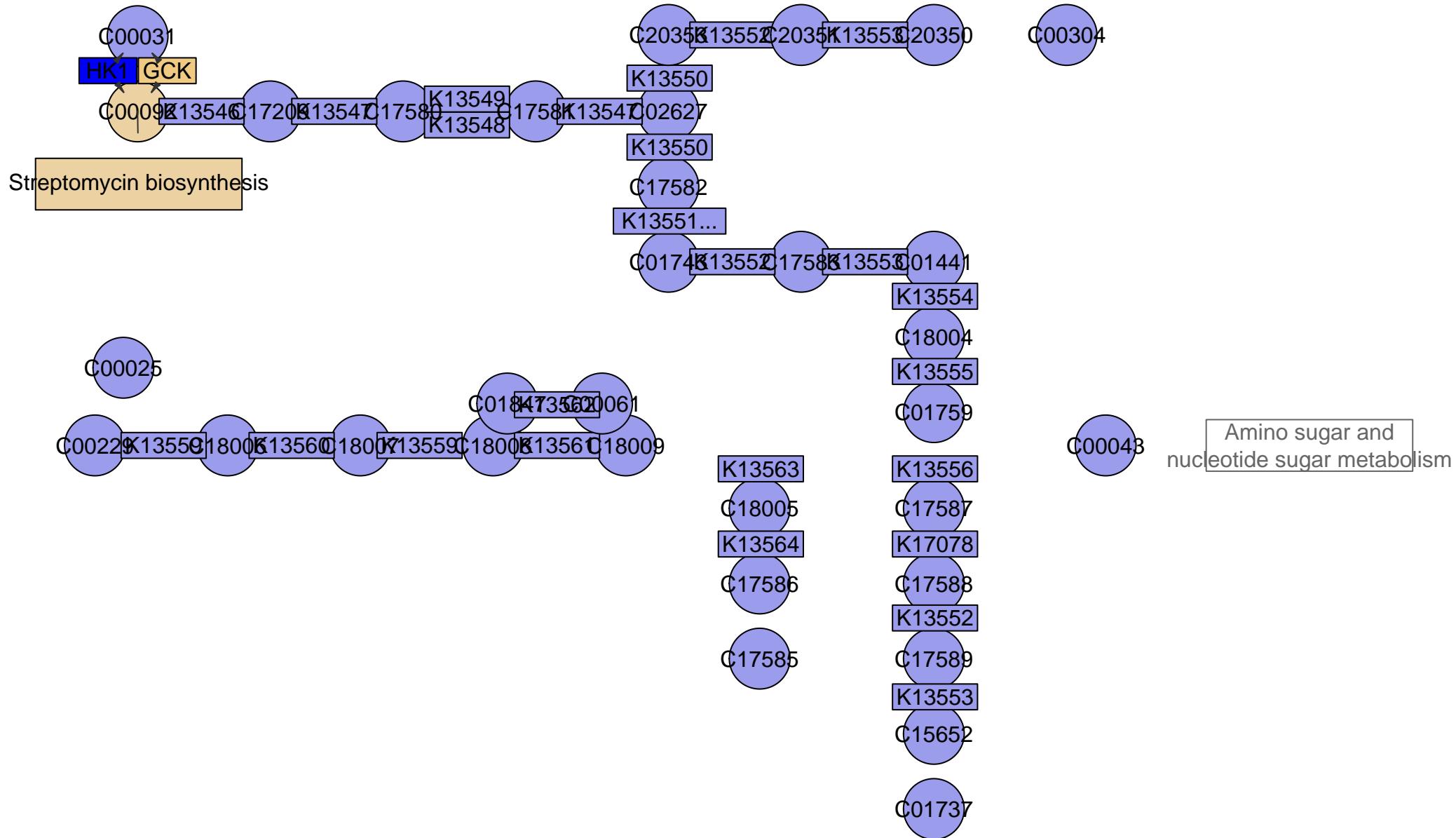
Butirosin and
neomycin biosynthesis
MPI-201



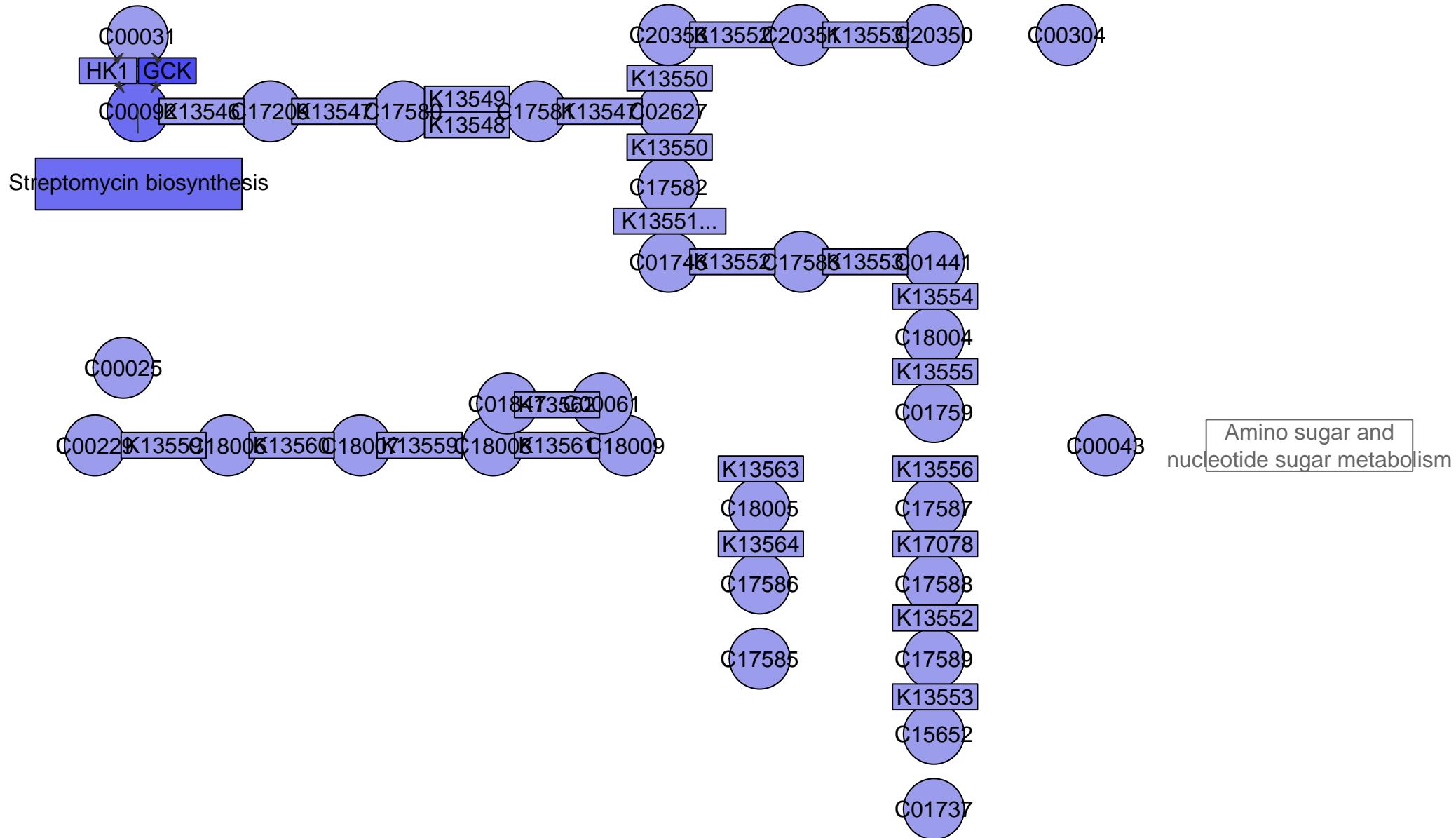
Butirosin and
neomycin biosynthesis
MPI-202



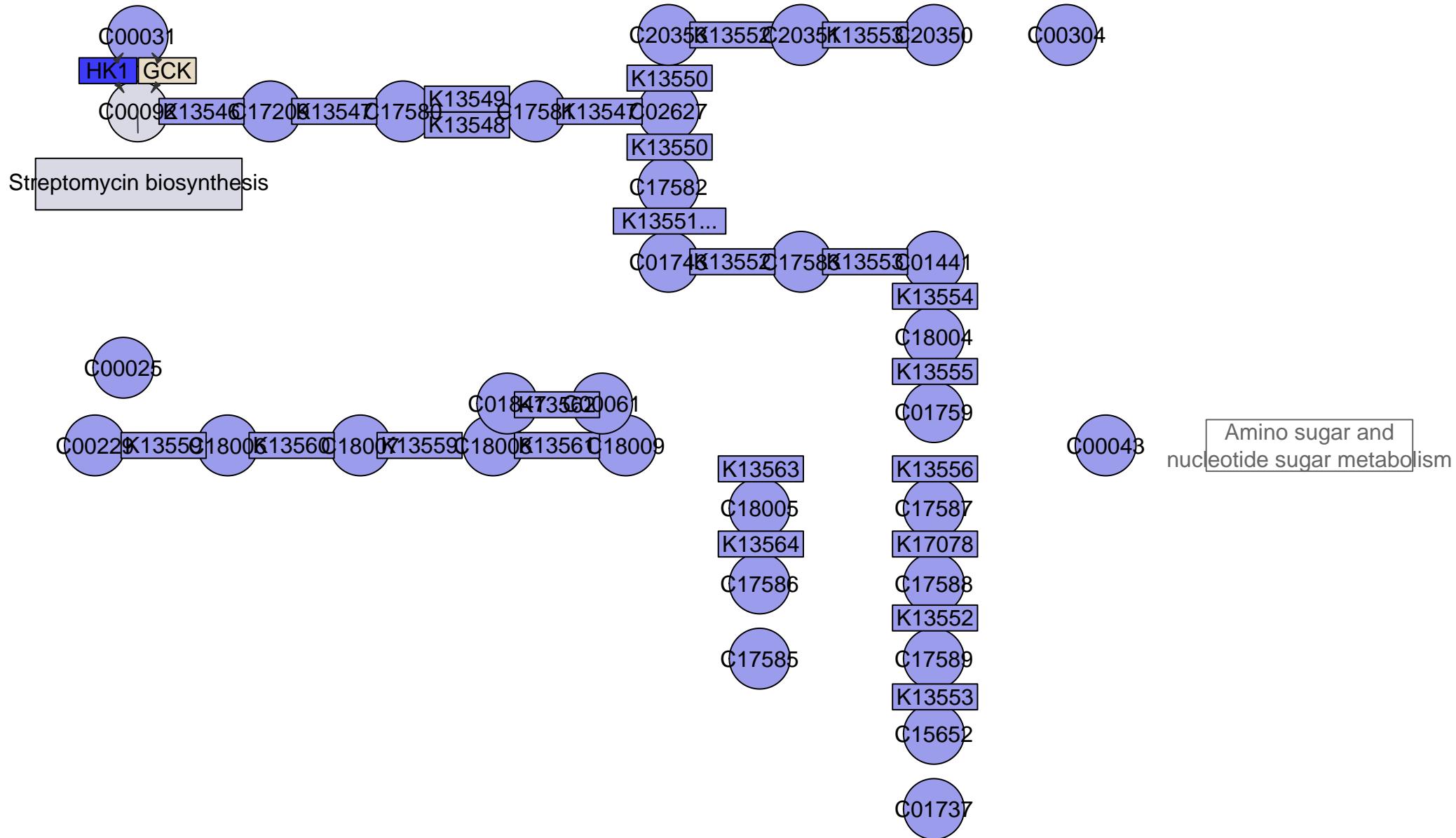
Butirosin and
neomycin biosynthesis
MPI-203

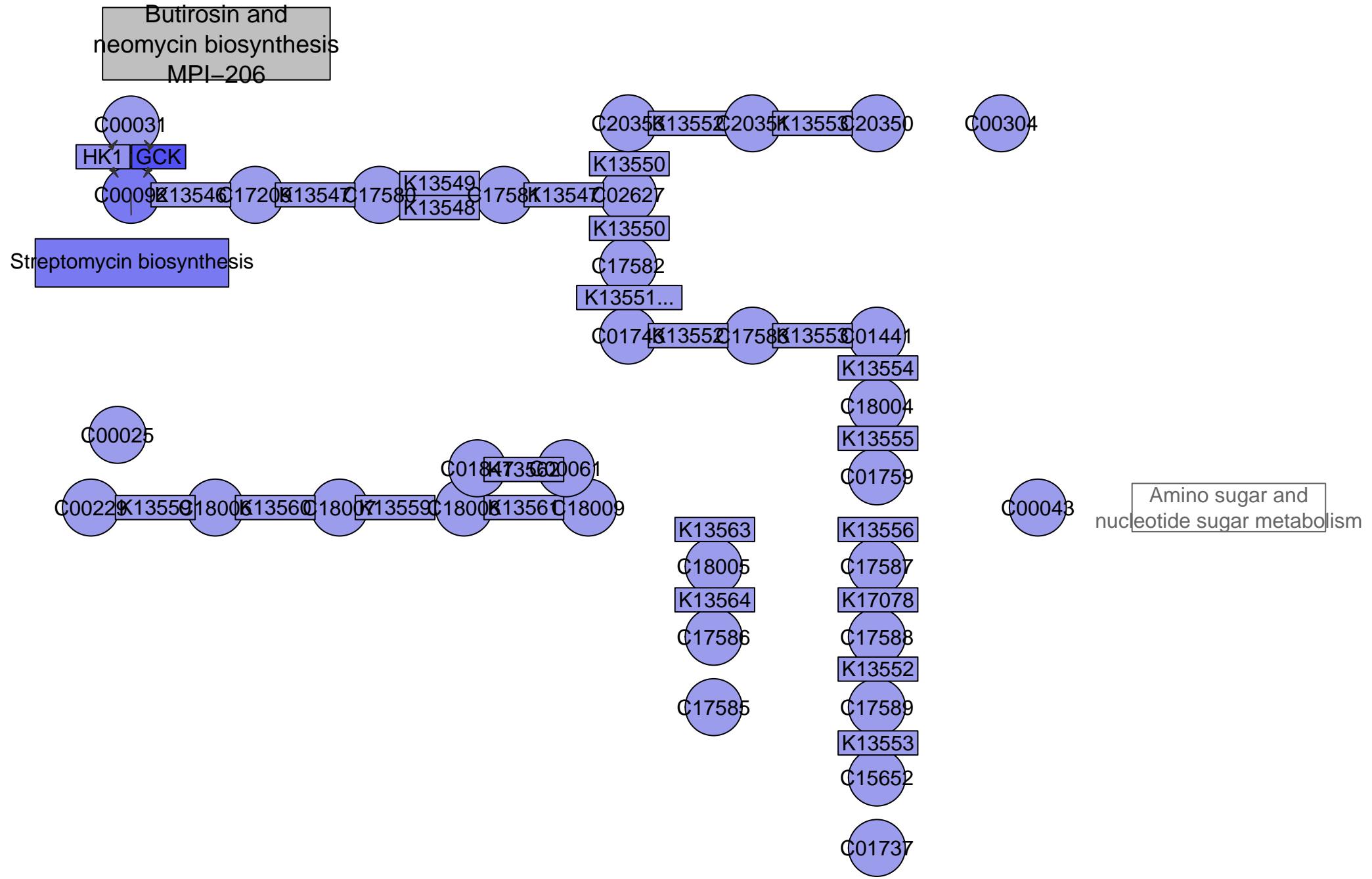


Butirosin and
neomycin biosynthesis
MPI-204

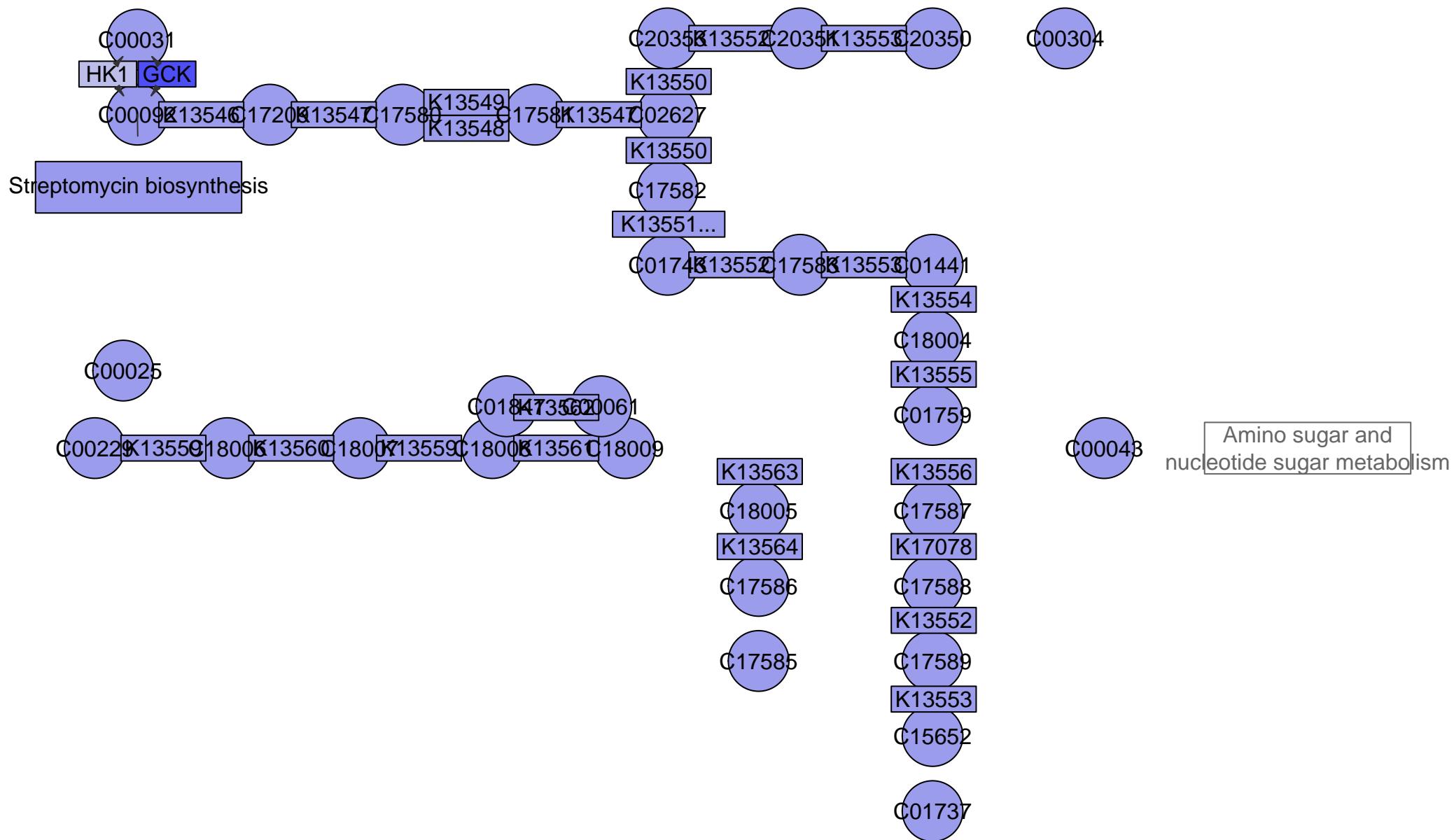


Butirosin and
neomycin biosynthesis
MPI-205

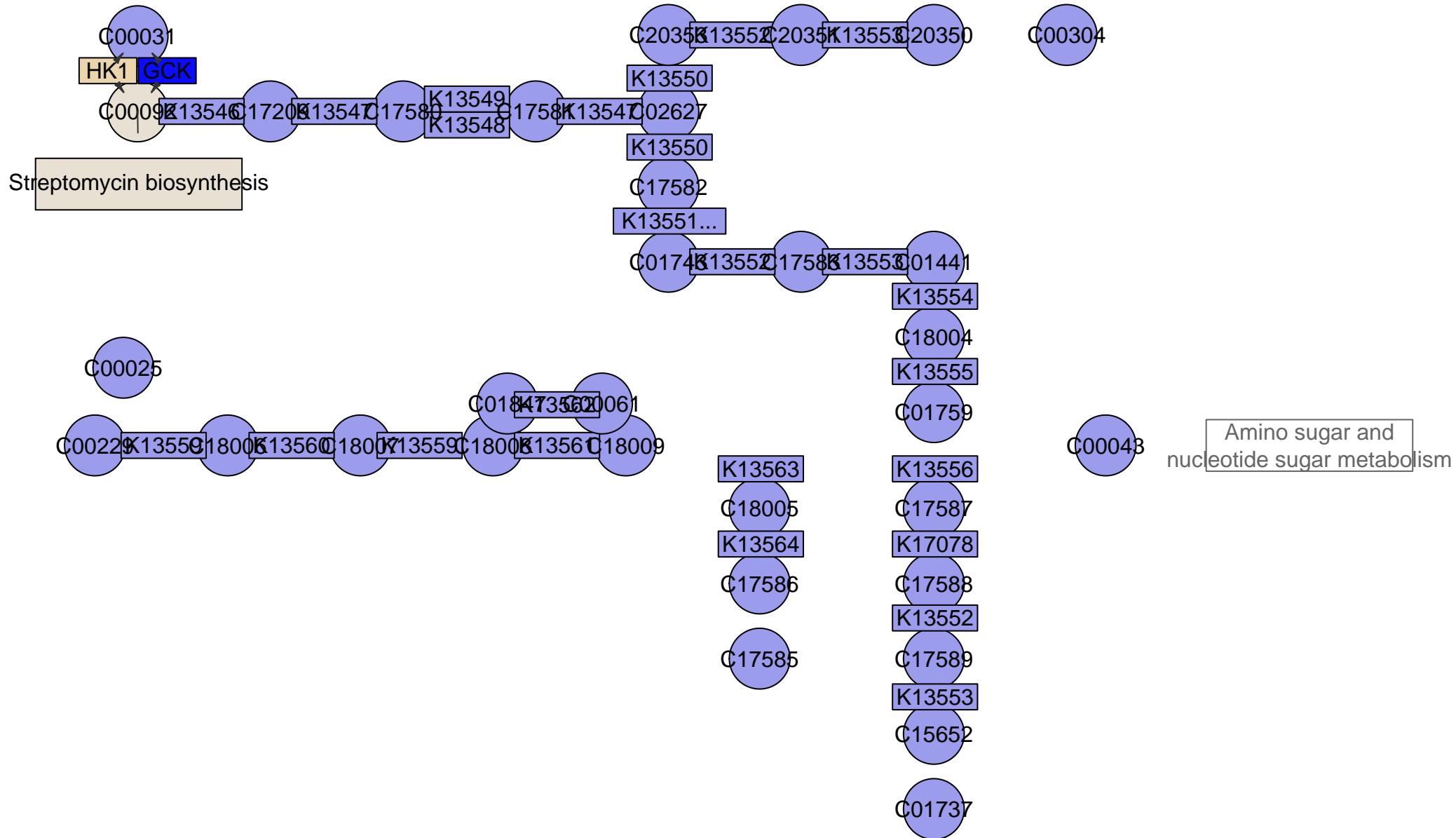




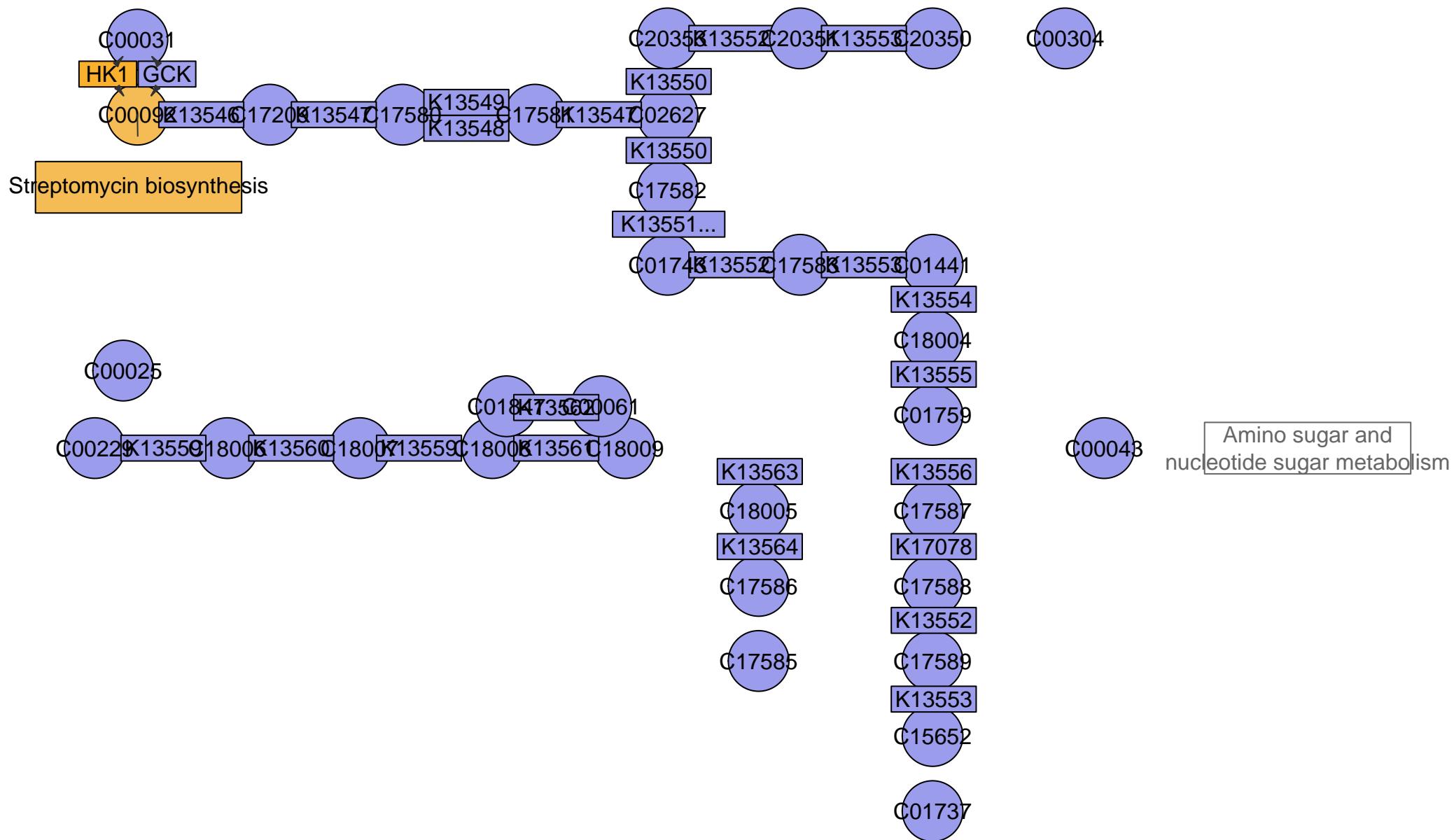
Butirosin and
neomycin biosynthesis
MPI-207



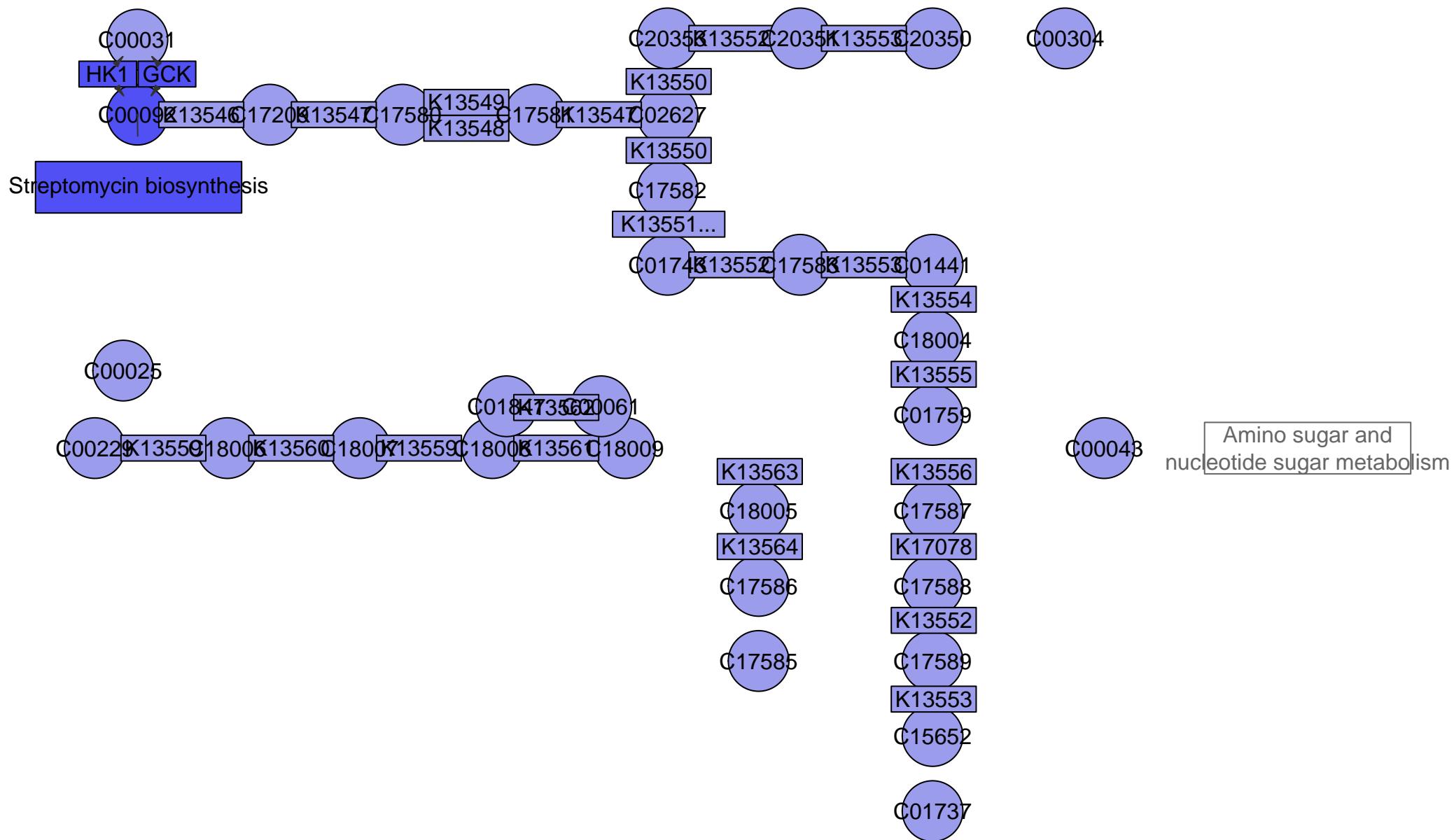
Butirosin and
neomycin biosynthesis
MPI-208



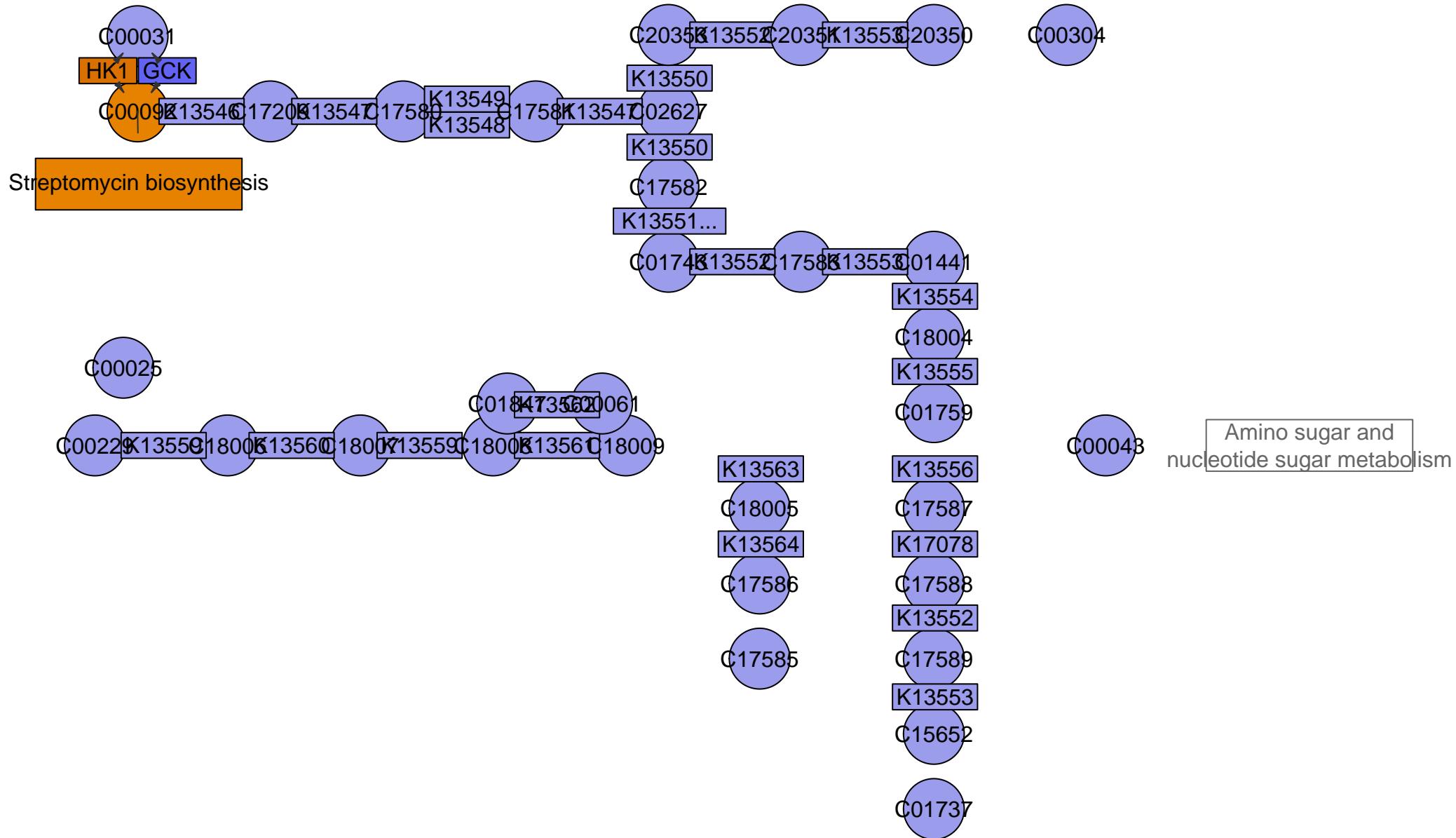
Butirosin and
neomycin biosynthesis
MPI-209



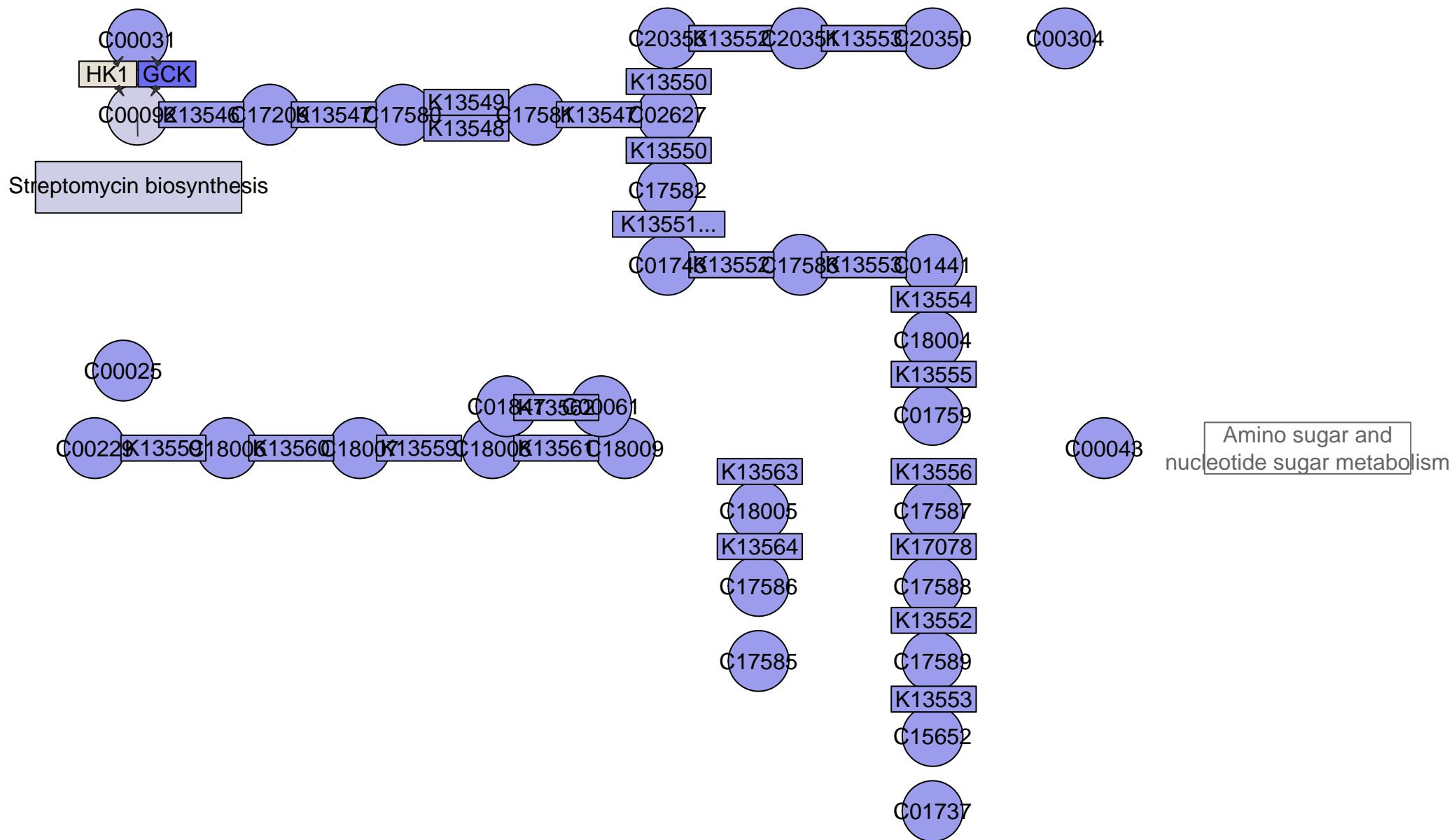
Butirosin and
neomycin biosynthesis
MPI-210



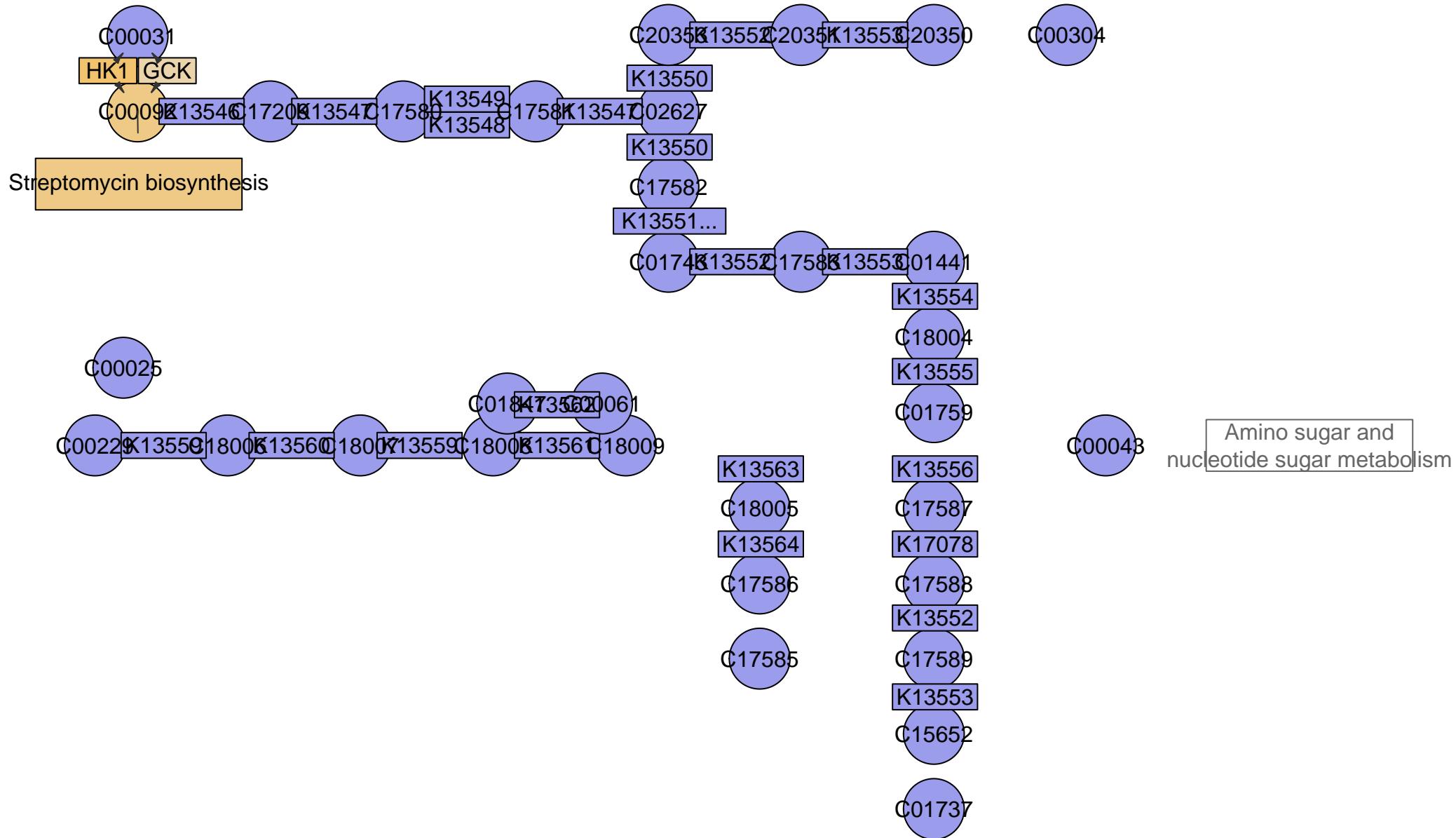
Butirosin and
neomycin biosynthesis
MPI-212



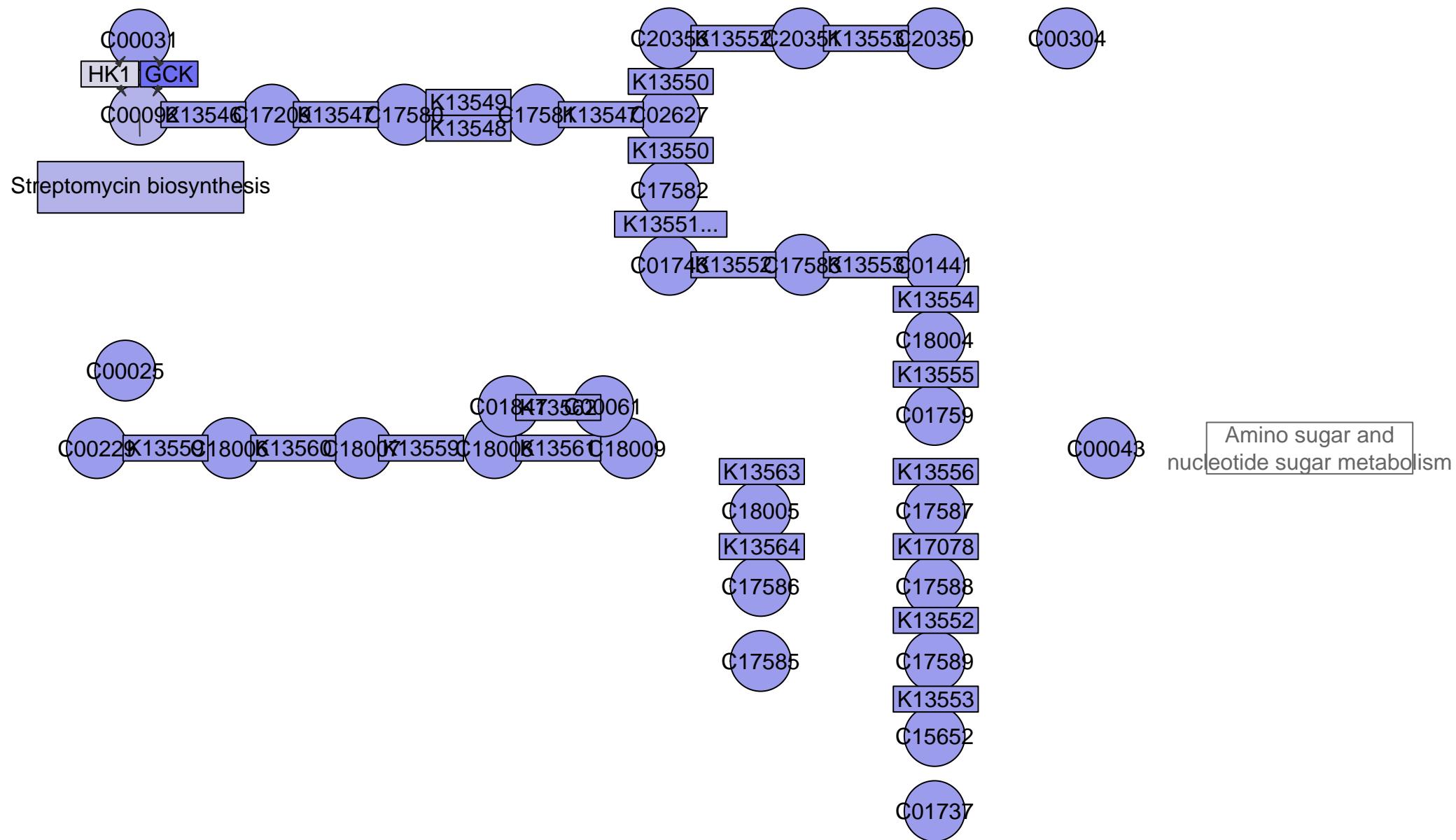
Butirosin and
neomycin biosynthesis
MPI-213



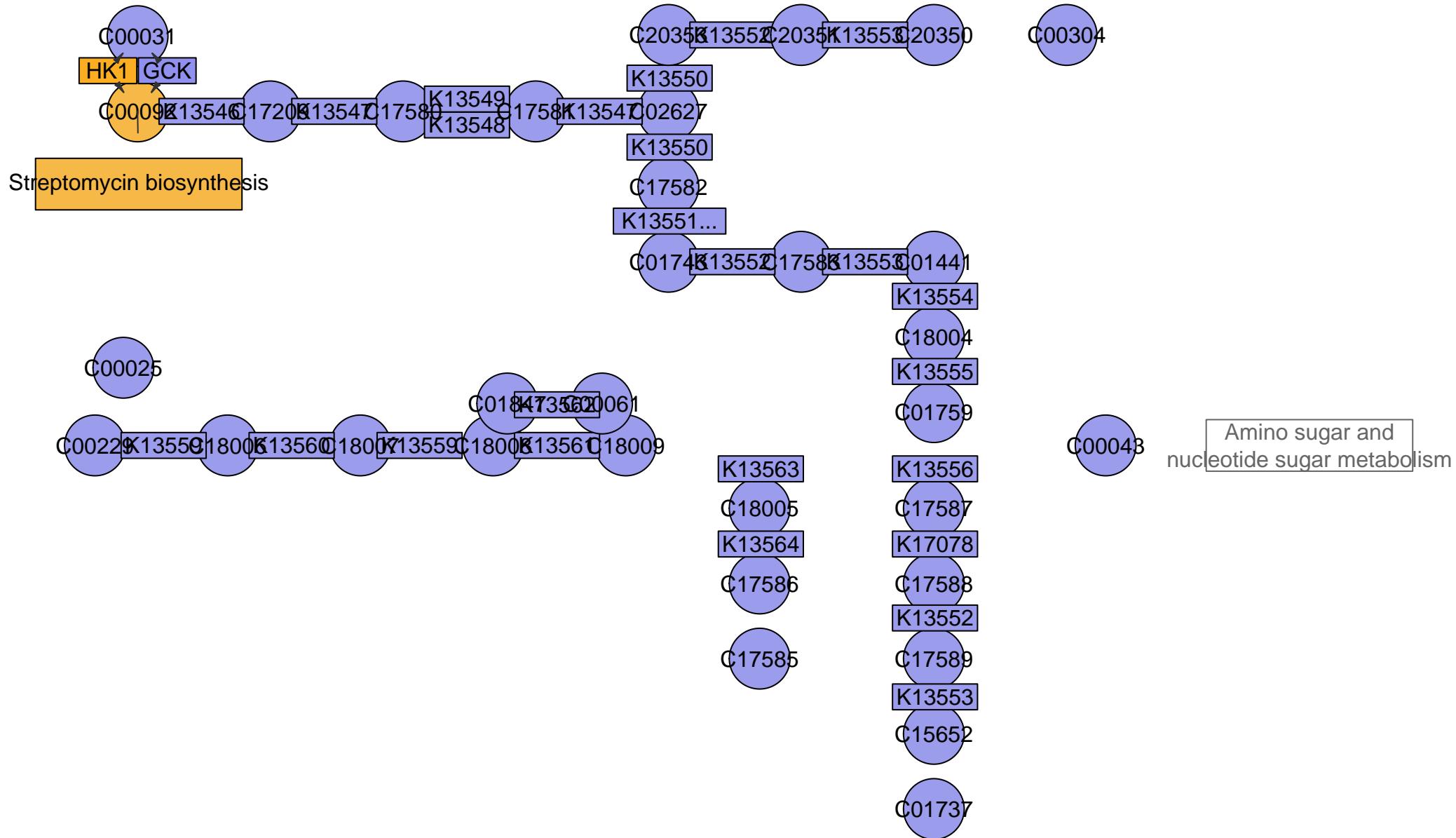
Butirosin and
neomycin biosynthesis
MPI-215



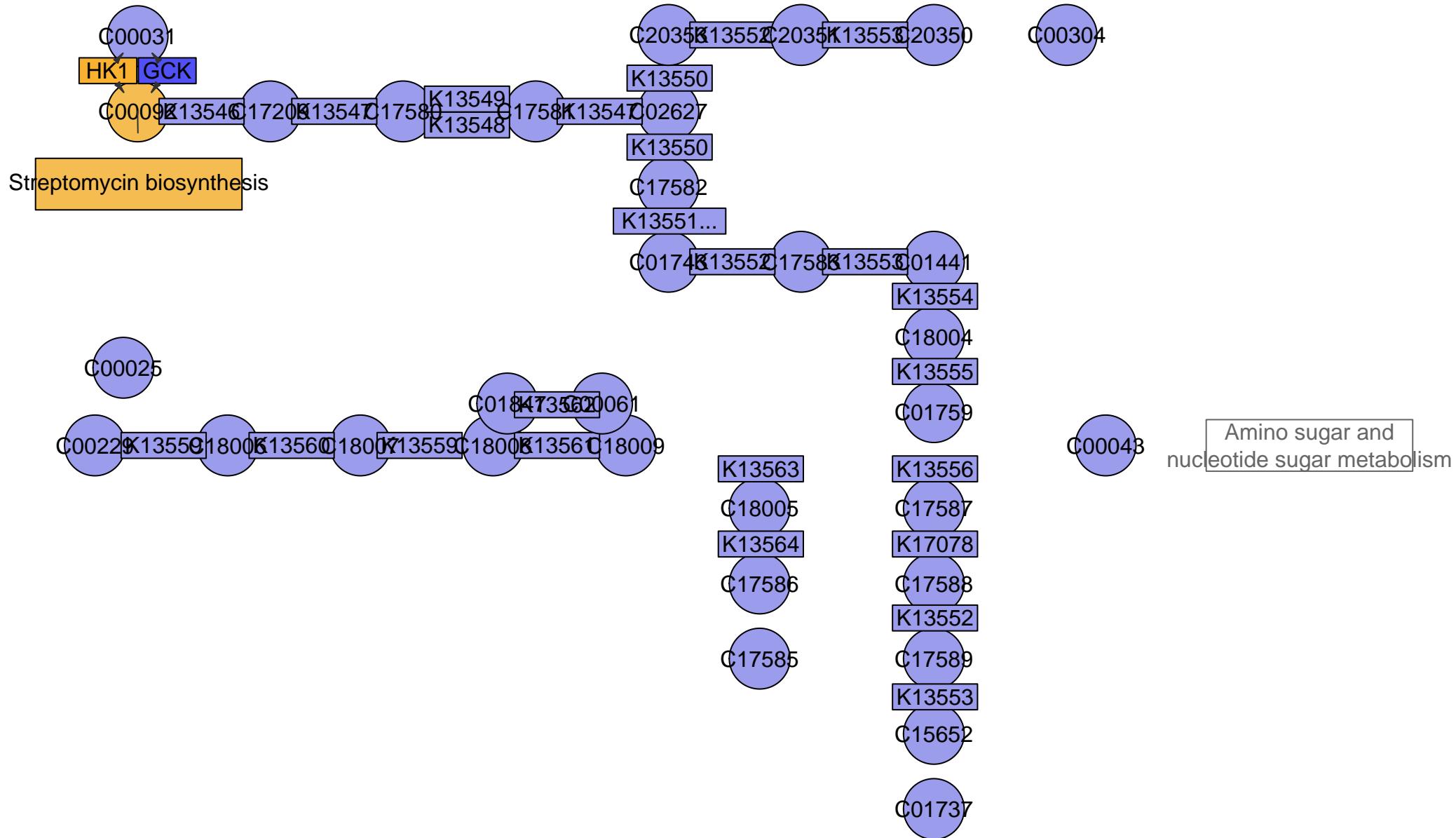
Butirosin and
neomycin biosynthesis
MPI-219



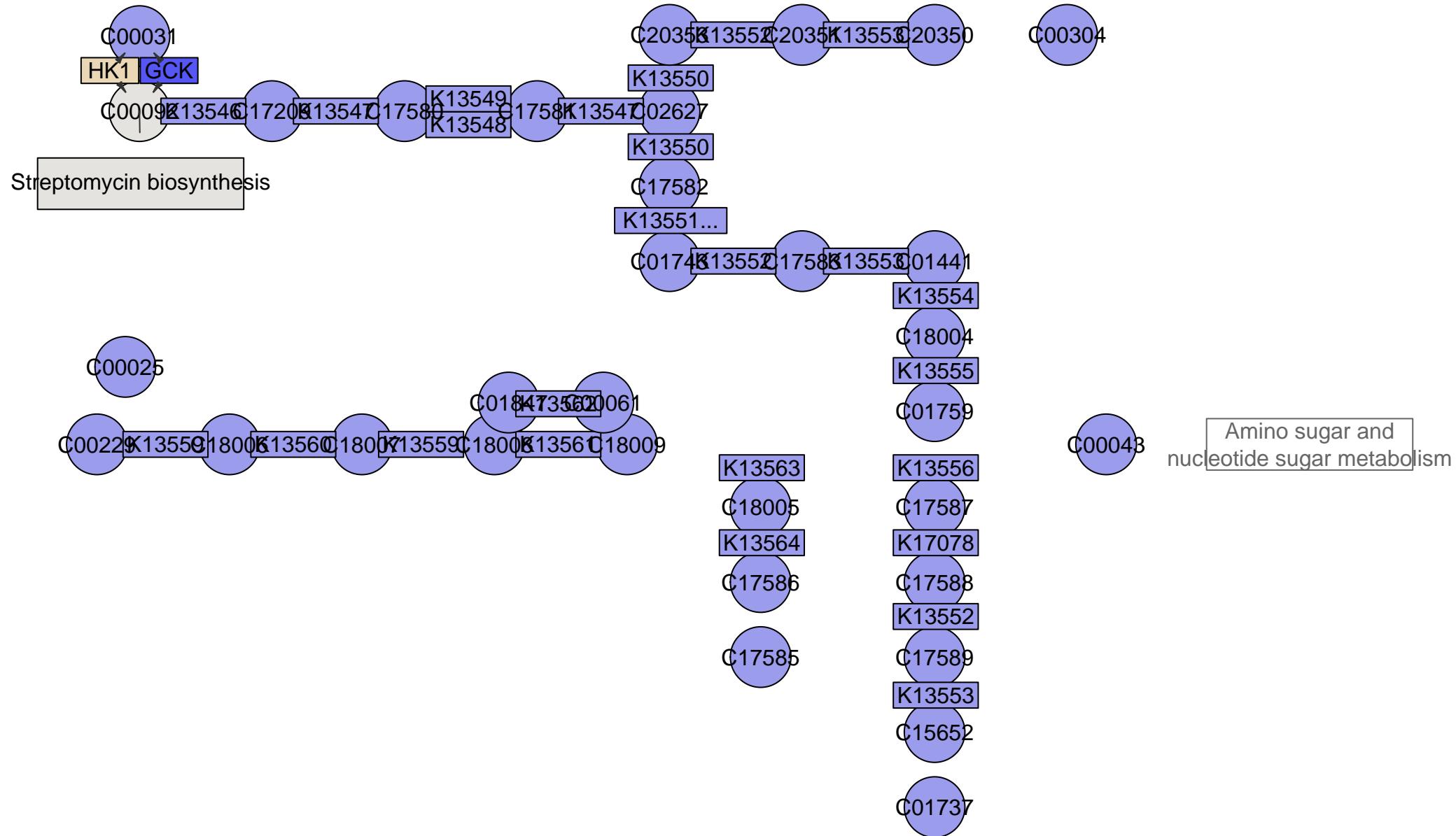
Butirosin and
neomycin biosynthesis
MPI-221



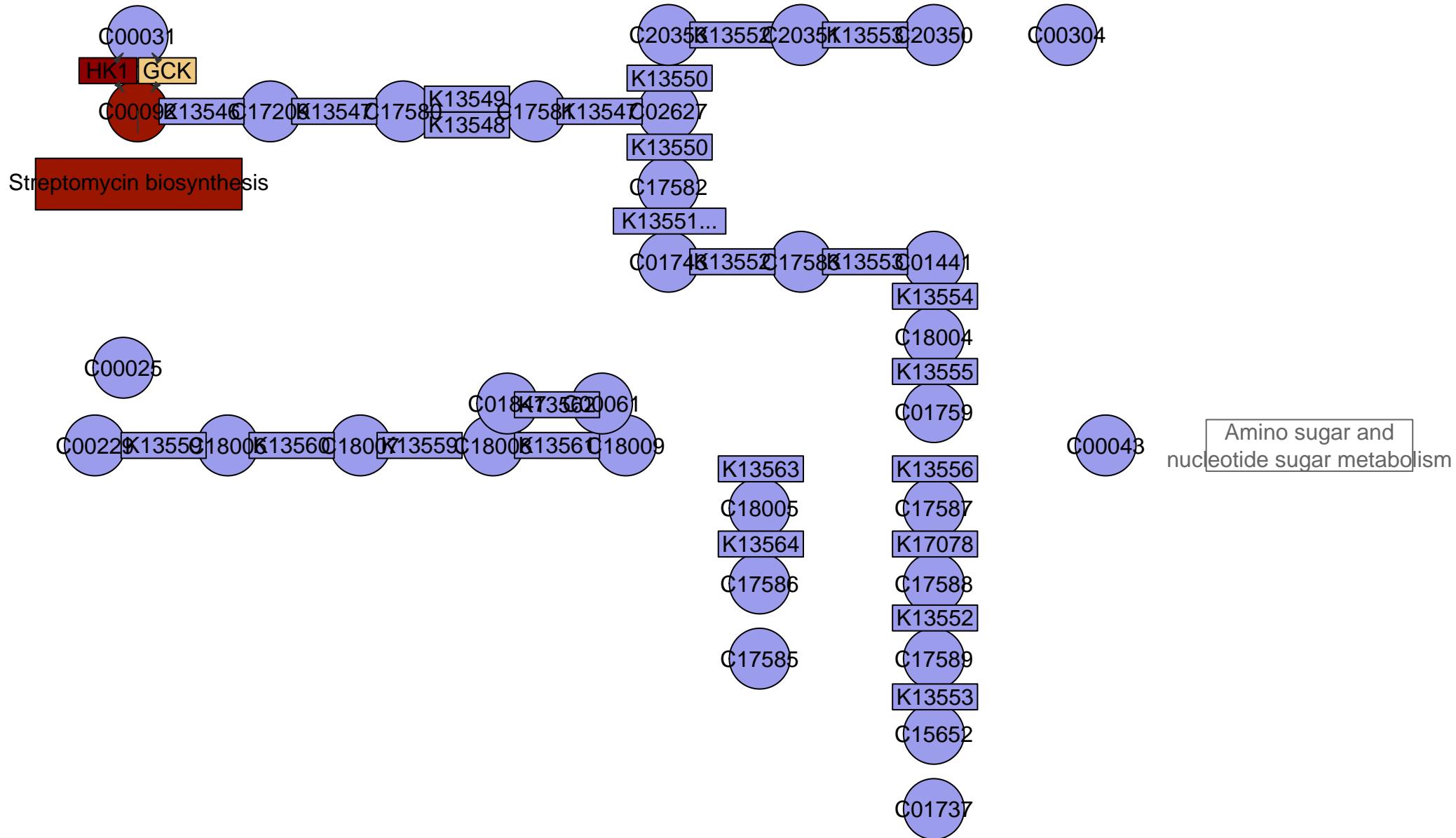
Butirosin and
neomycin biosynthesis
MPI-223a



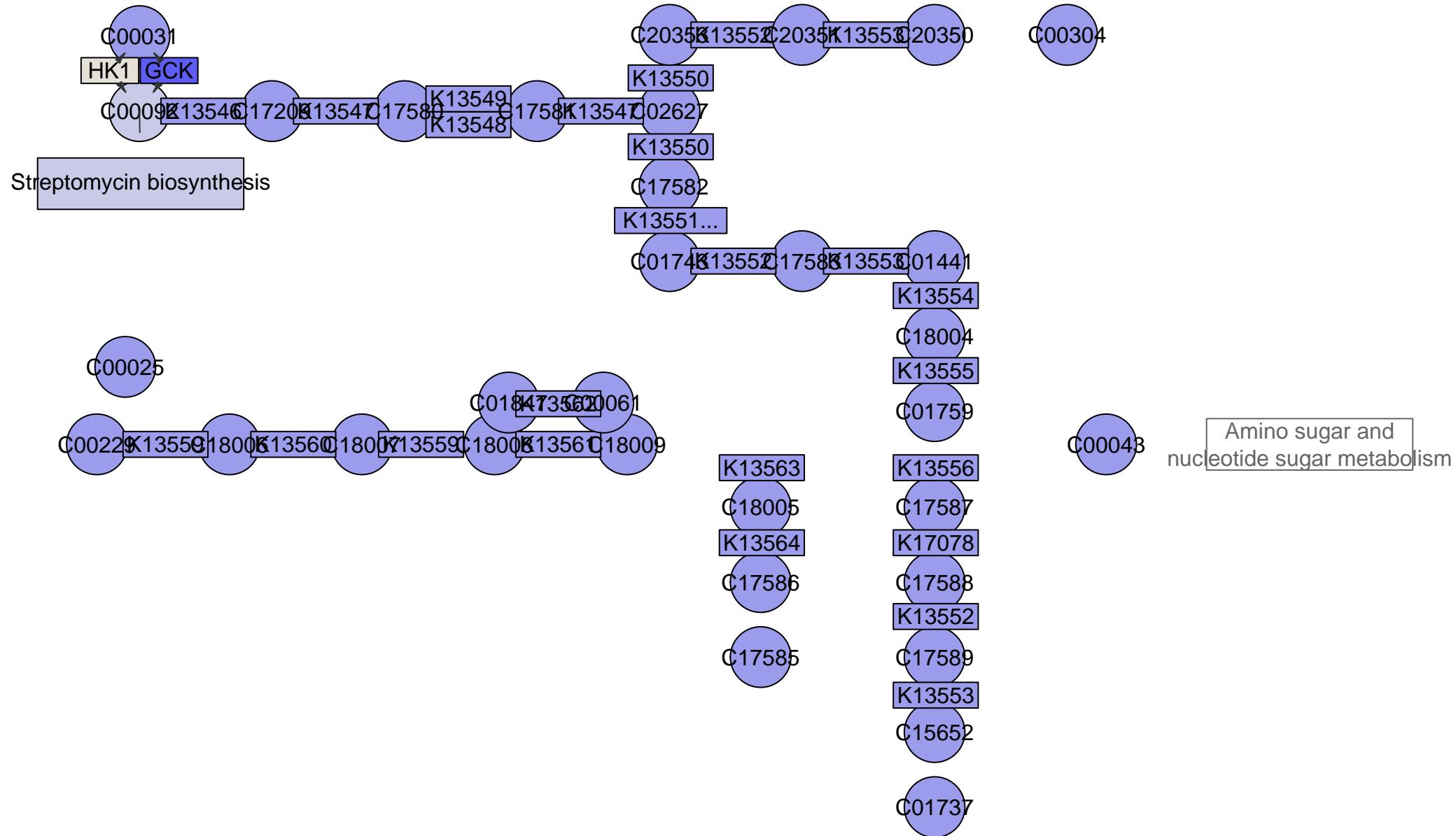
Butirosin and
neomycin biosynthesis
MPI-224



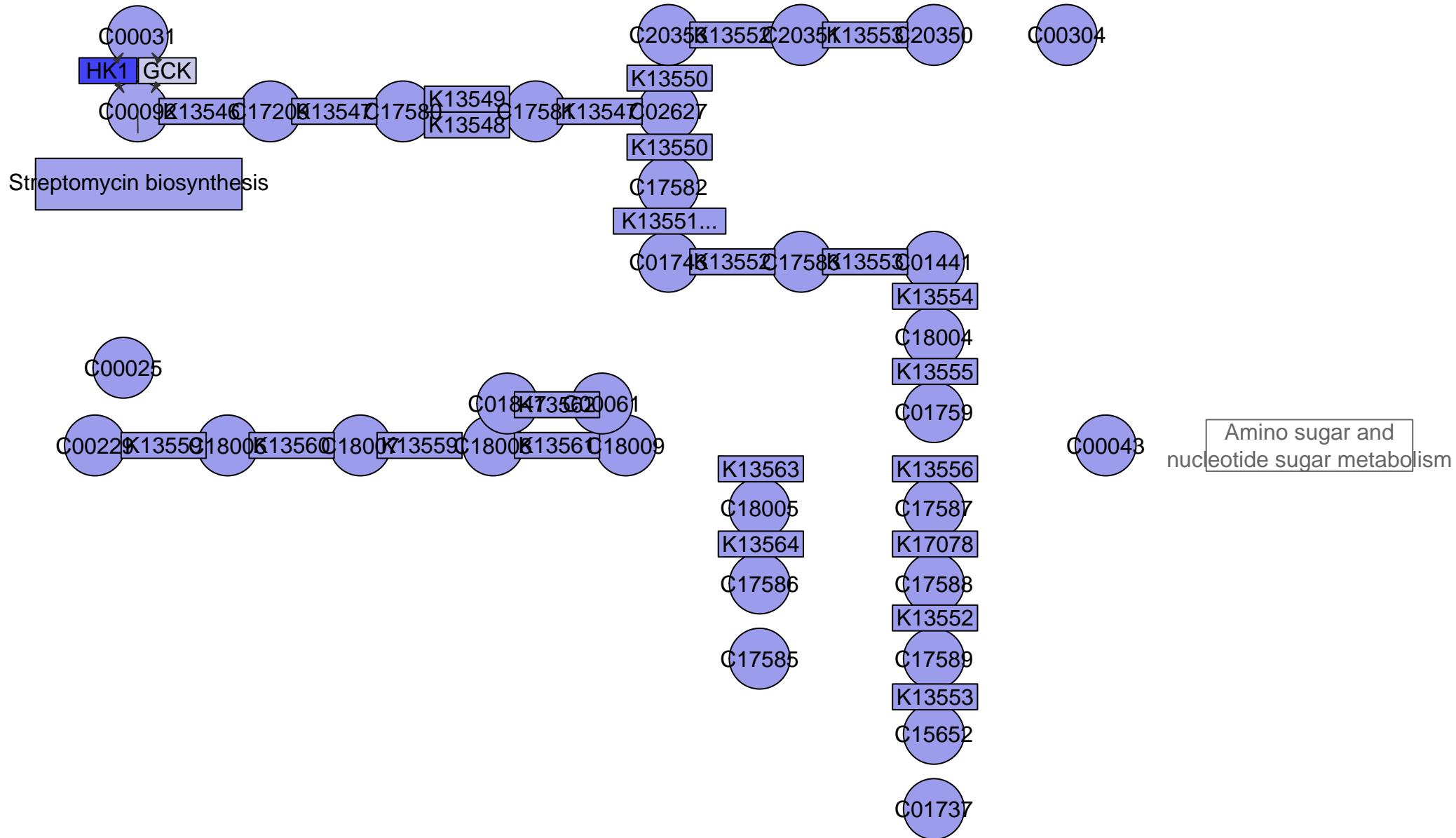
Butirosin and
neomycin biosynthesis
MPI-226



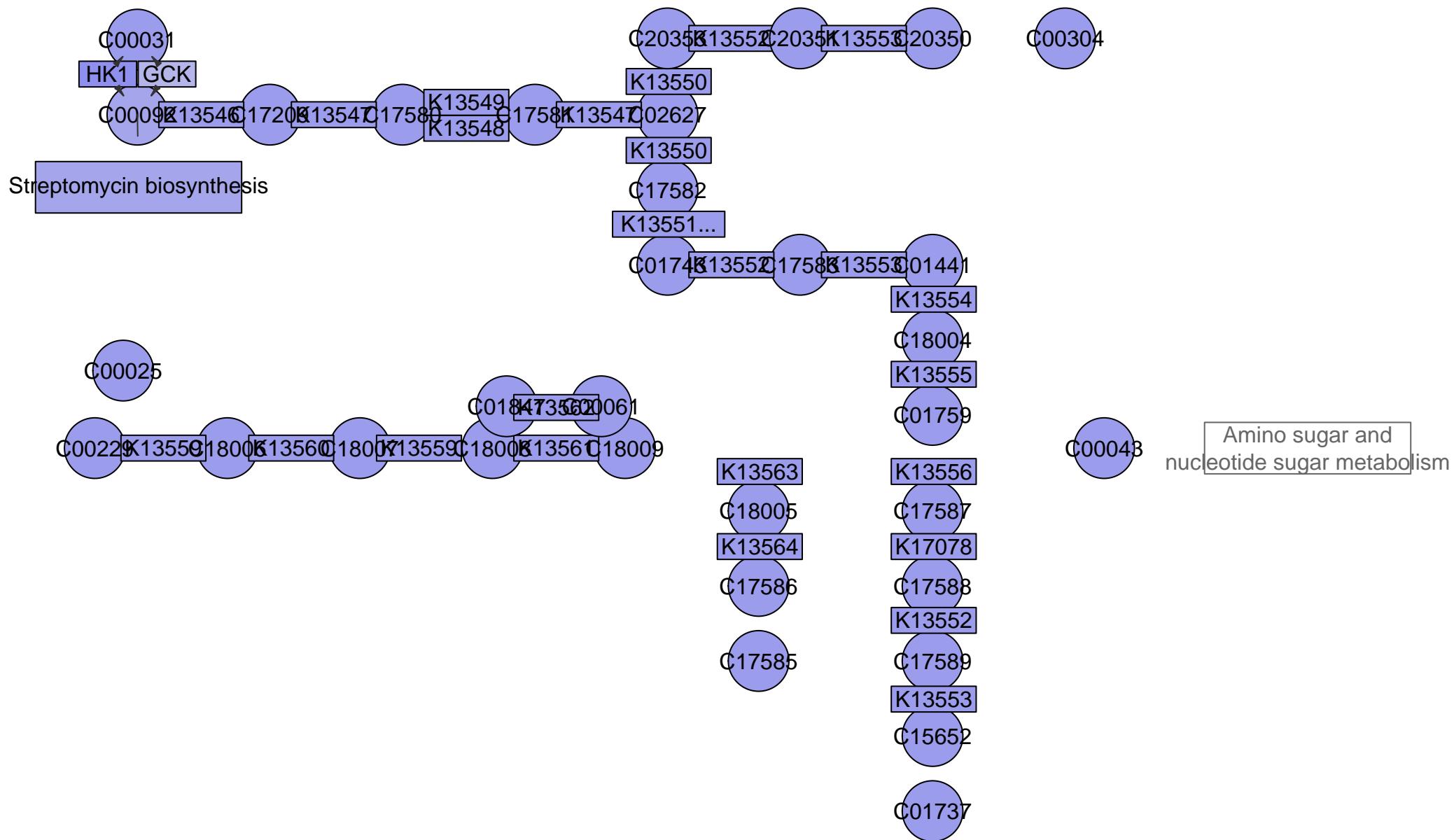
Butirosin and
neomycin biosynthesis
MPI-227



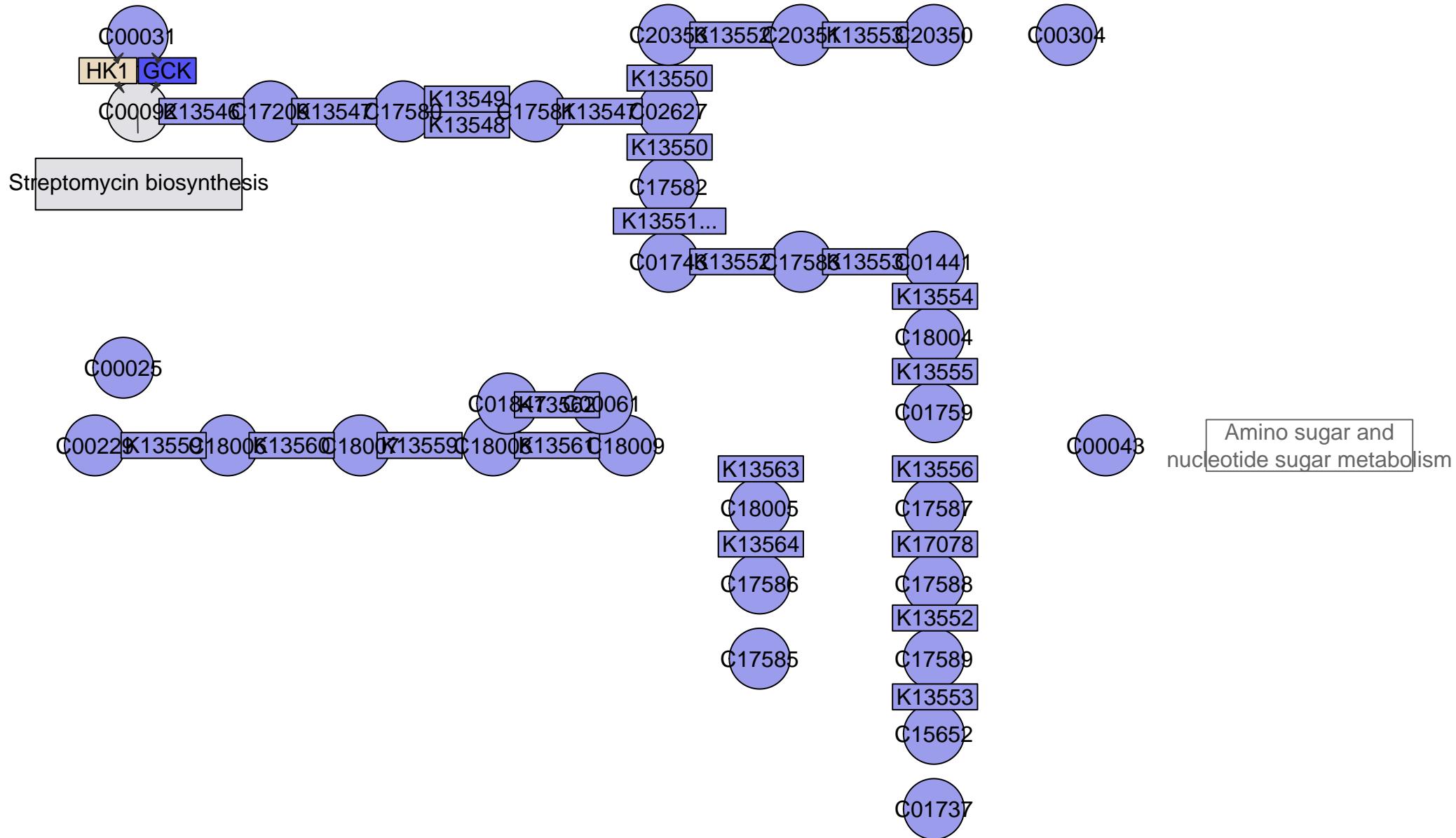
Butirosin and
neomycin biosynthesis
MPI-228



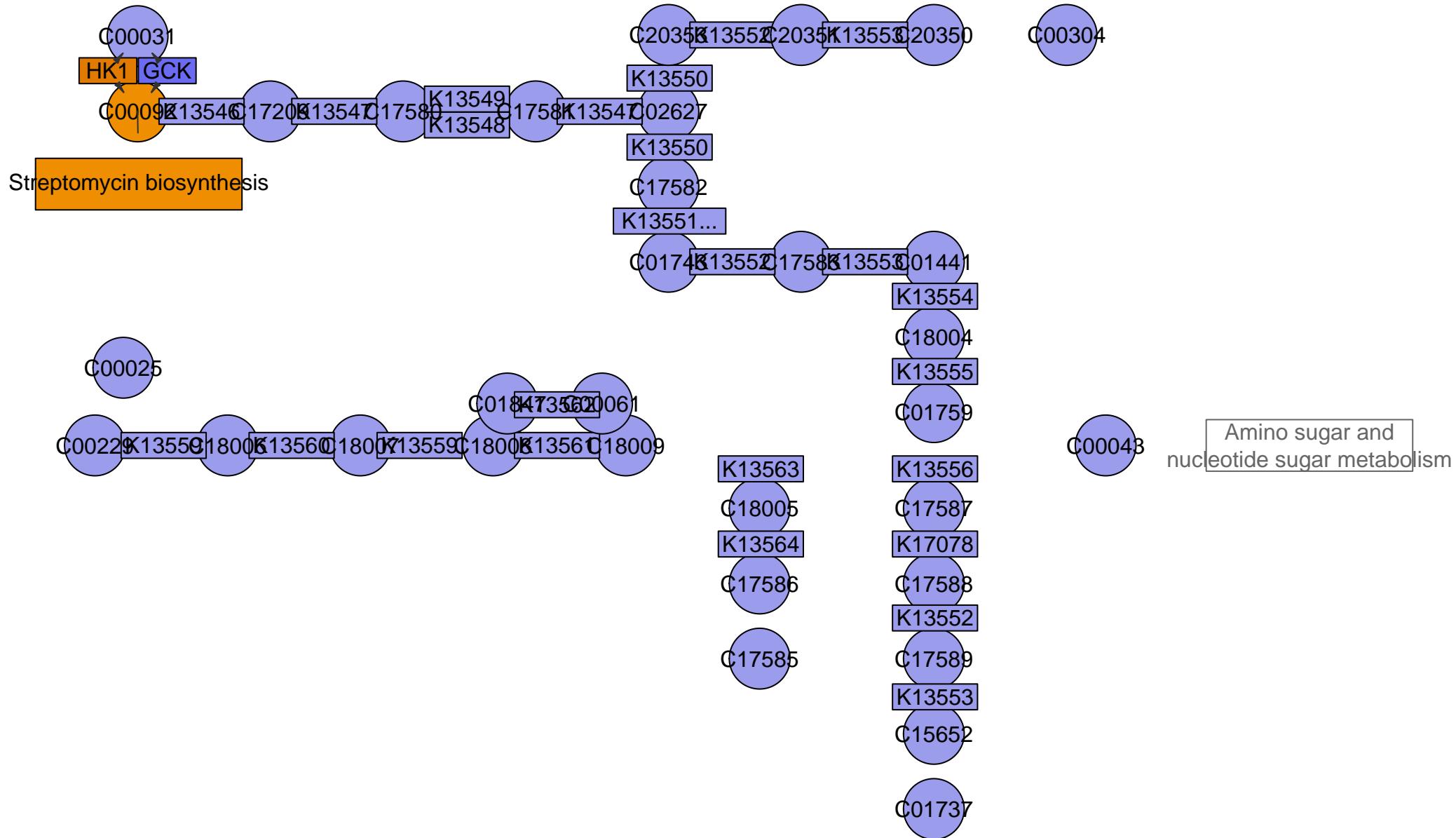
Butirosin and
neomycin biosynthesis
MPI-229



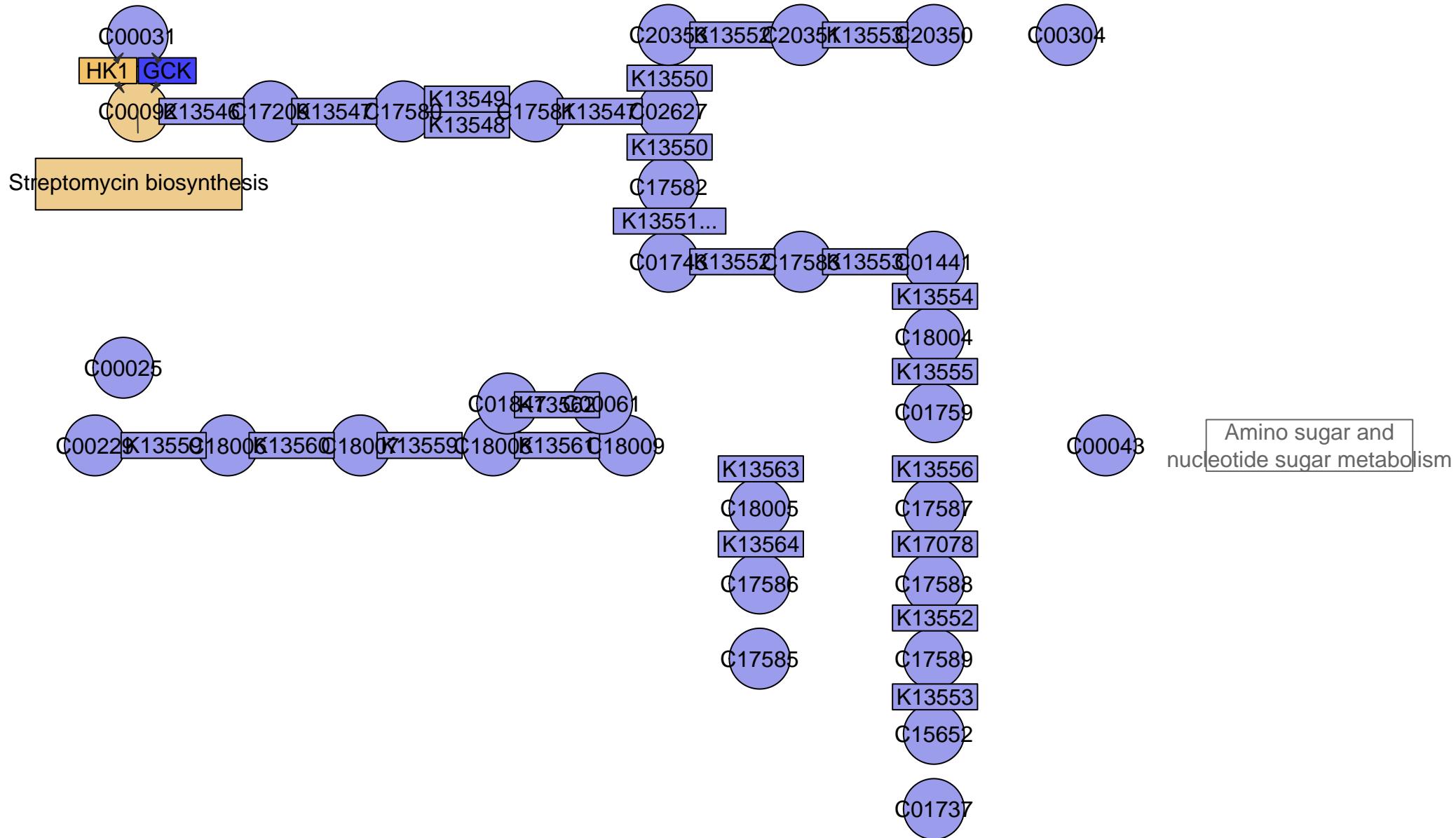
Butirosin and
neomycin biosynthesis
MPI-230



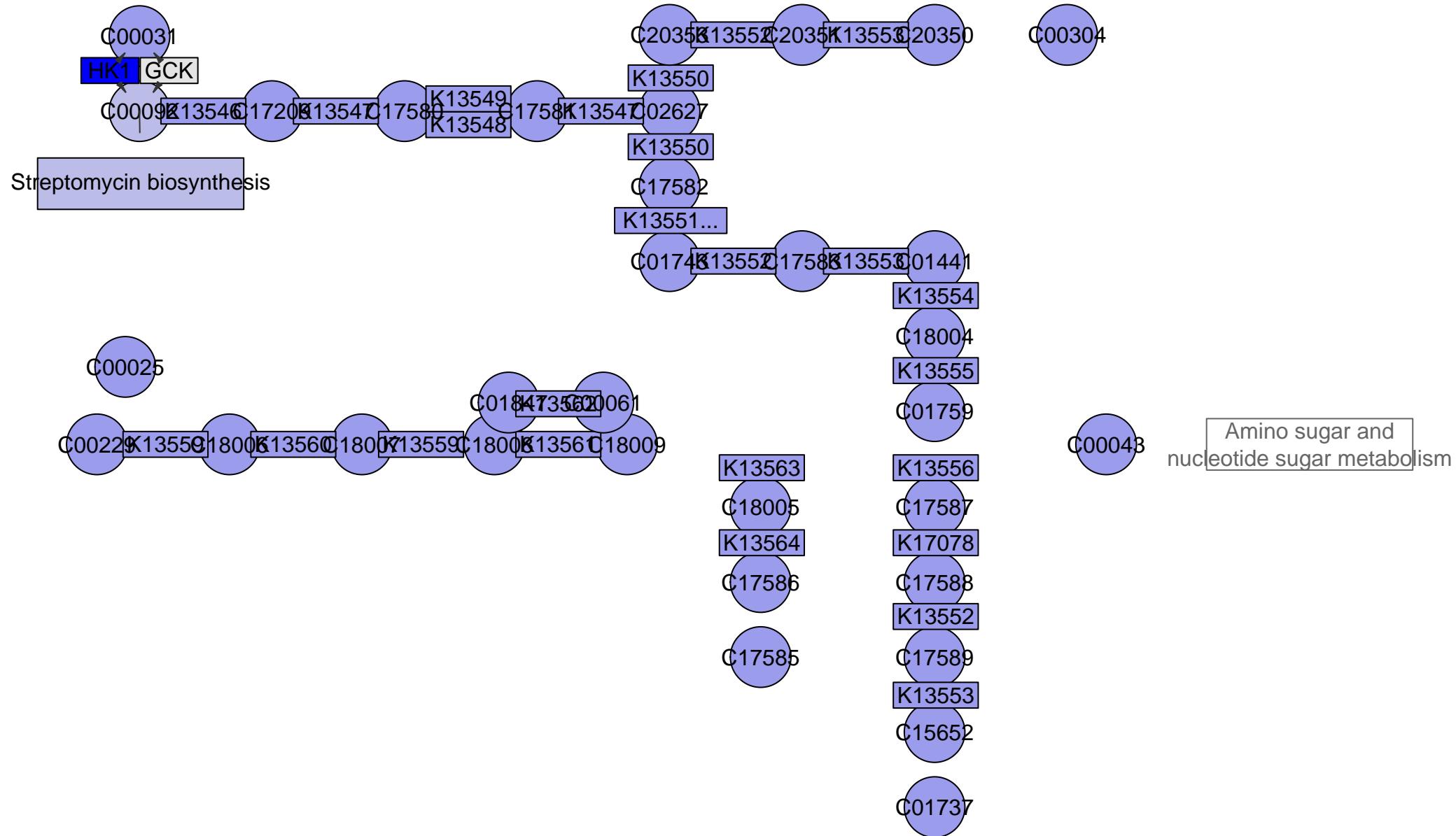
Butirosin and
neomycin biosynthesis
MPI-231



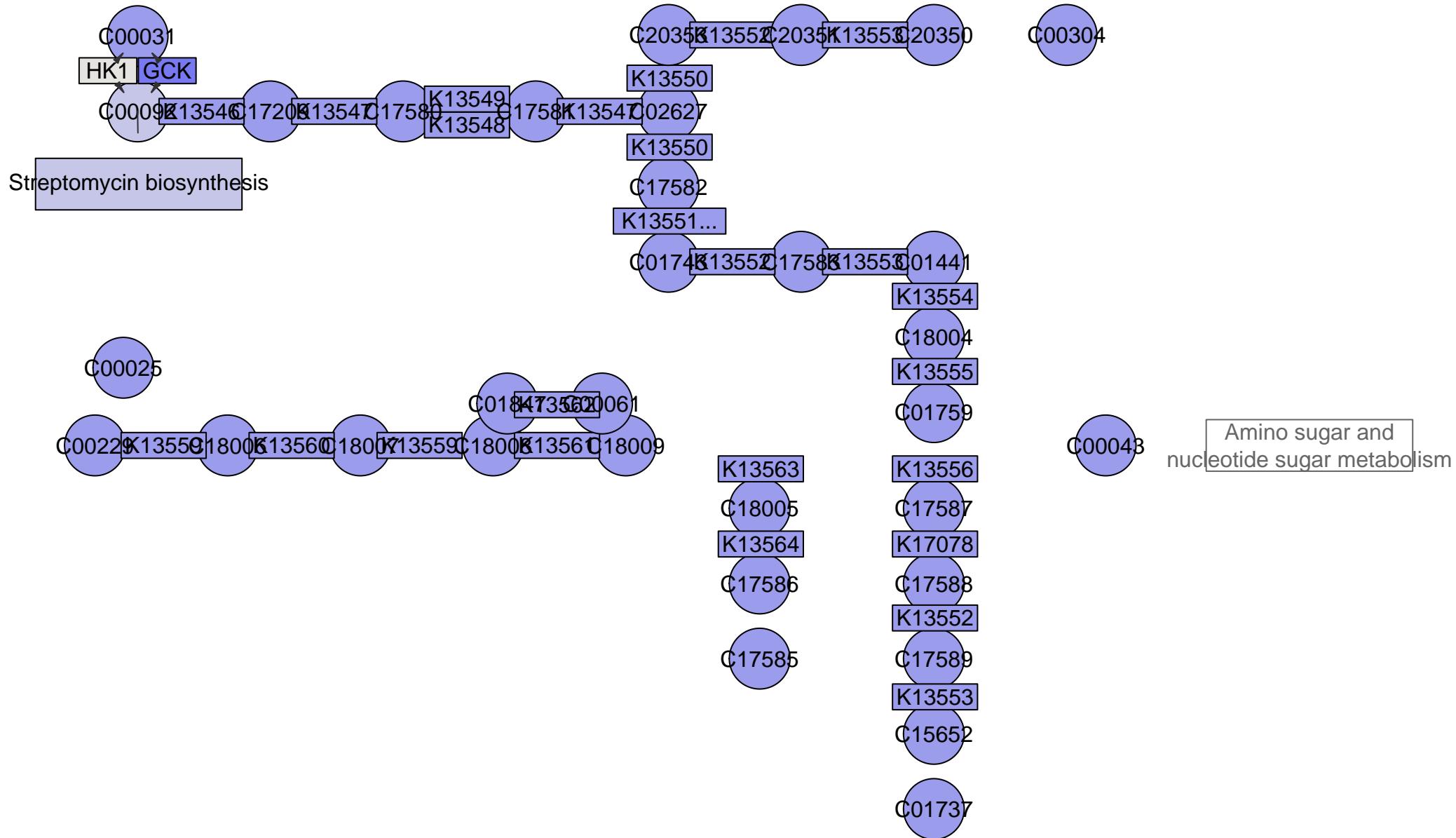
Butirosin and
neomycin biosynthesis
MPI-232



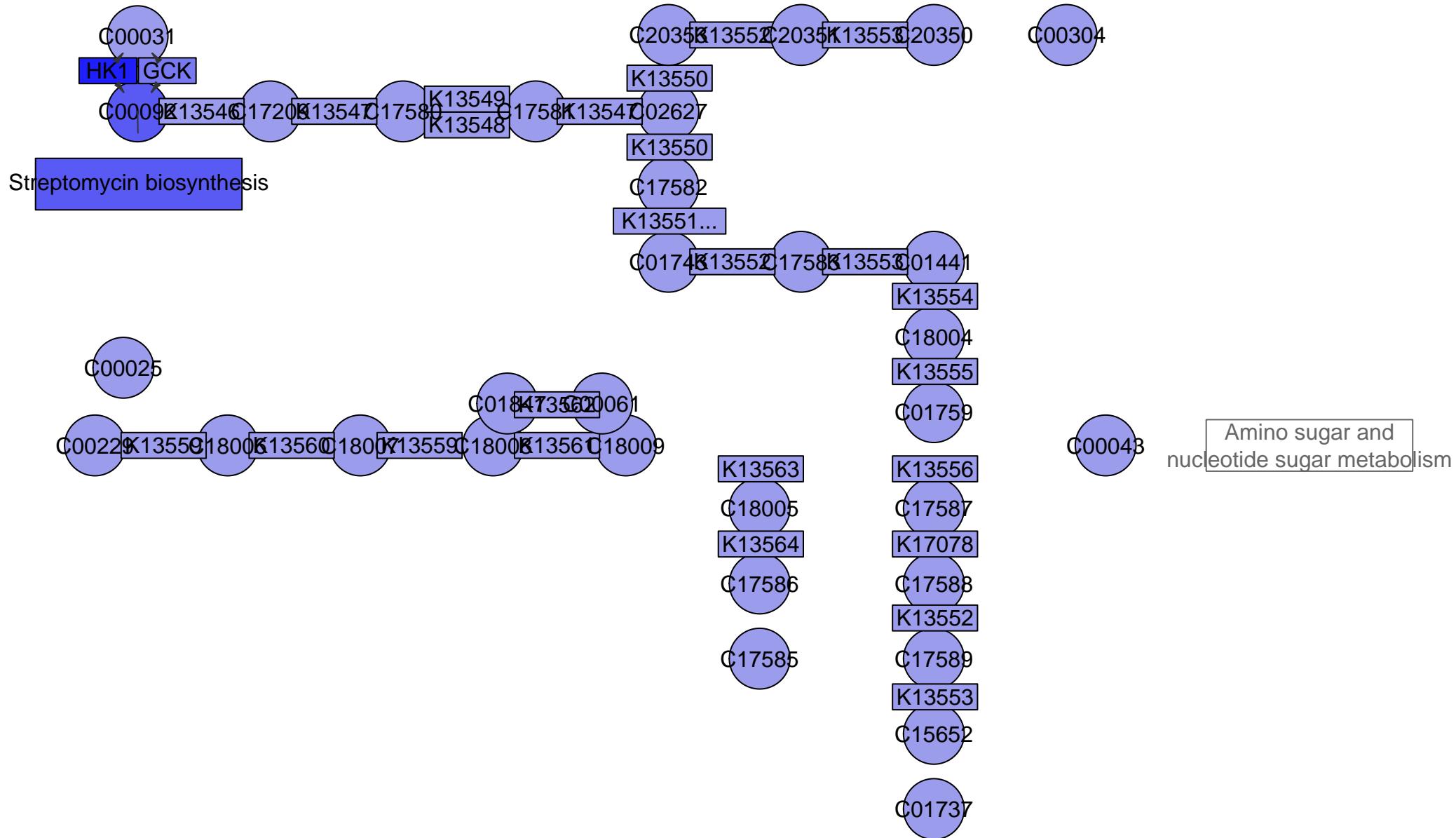
Butirosin and
neomycin biosynthesis
MPI-233



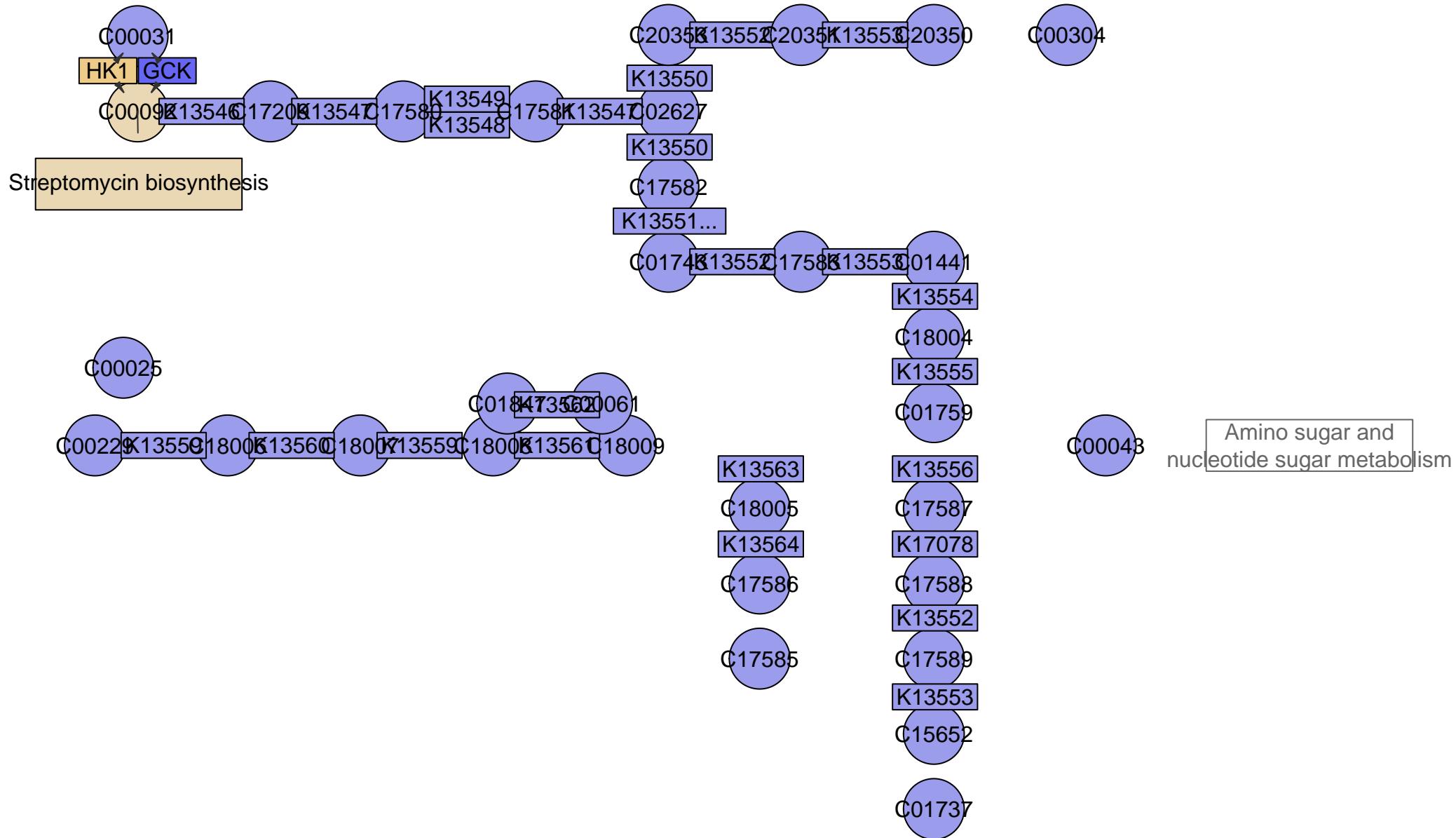
Butirosin and
neomycin biosynthesis
MPI-234



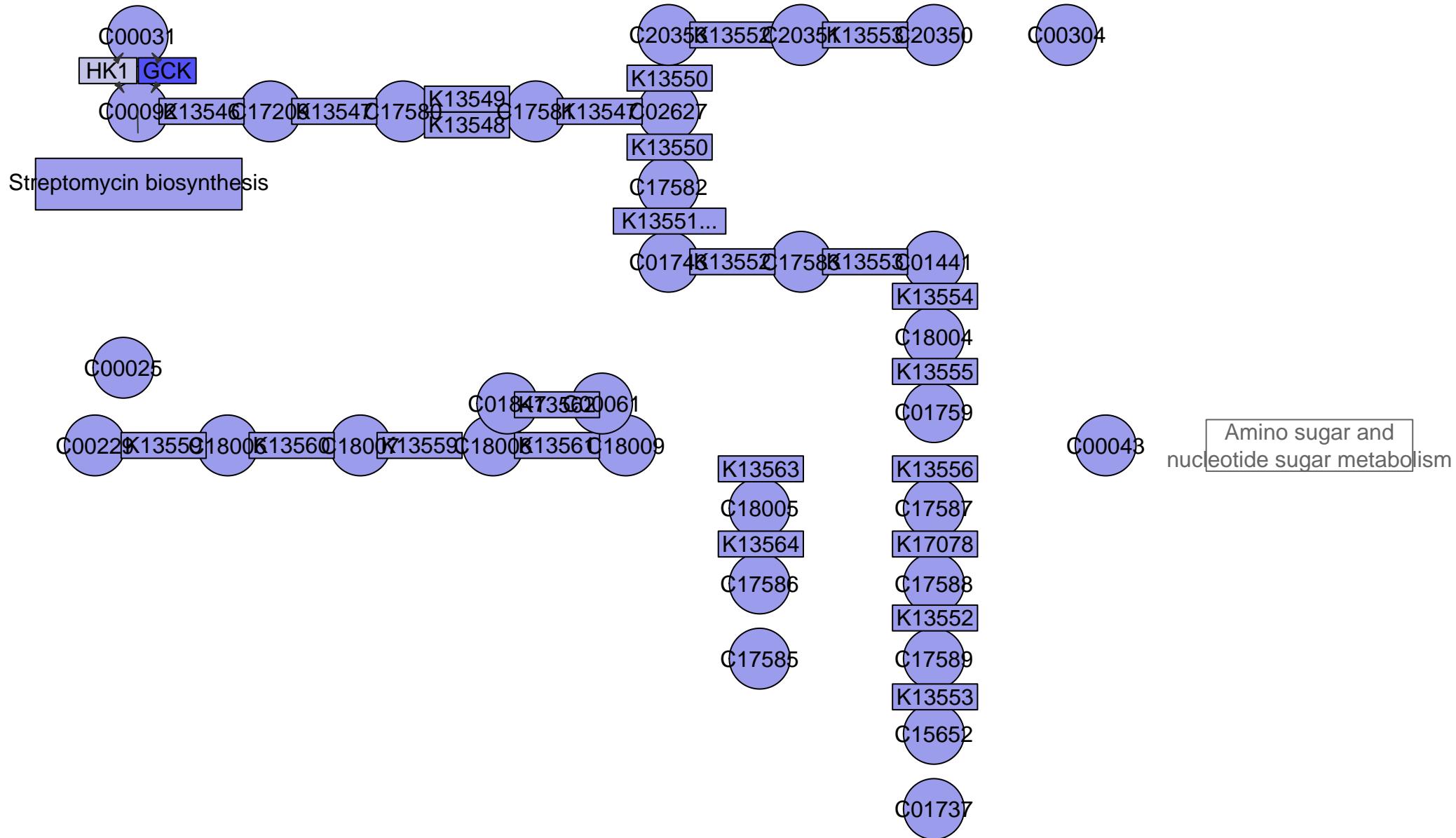
Butirosin and
neomycin biosynthesis
MPI-235



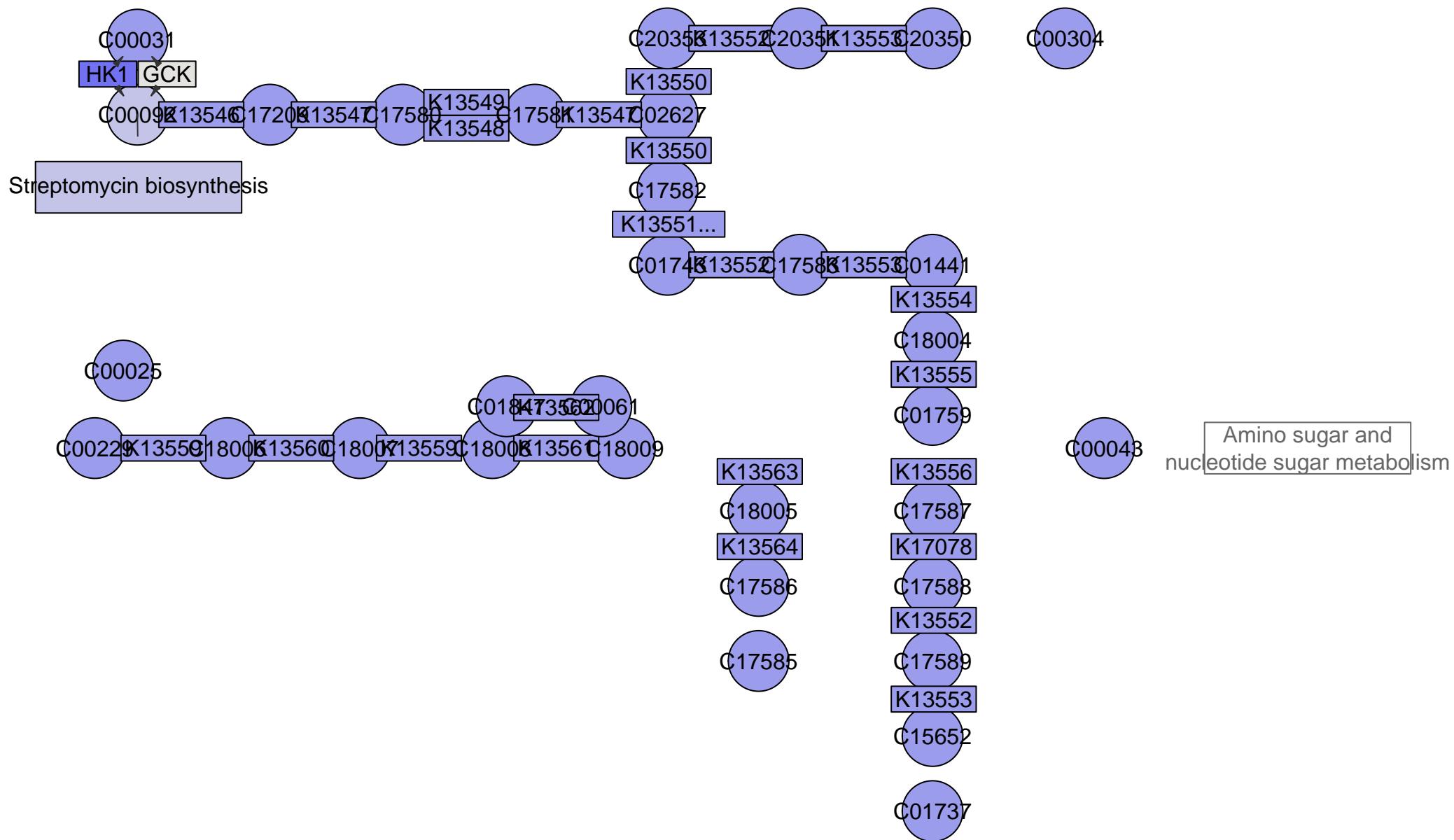
Butirosin and
neomycin biosynthesis
MPI-236



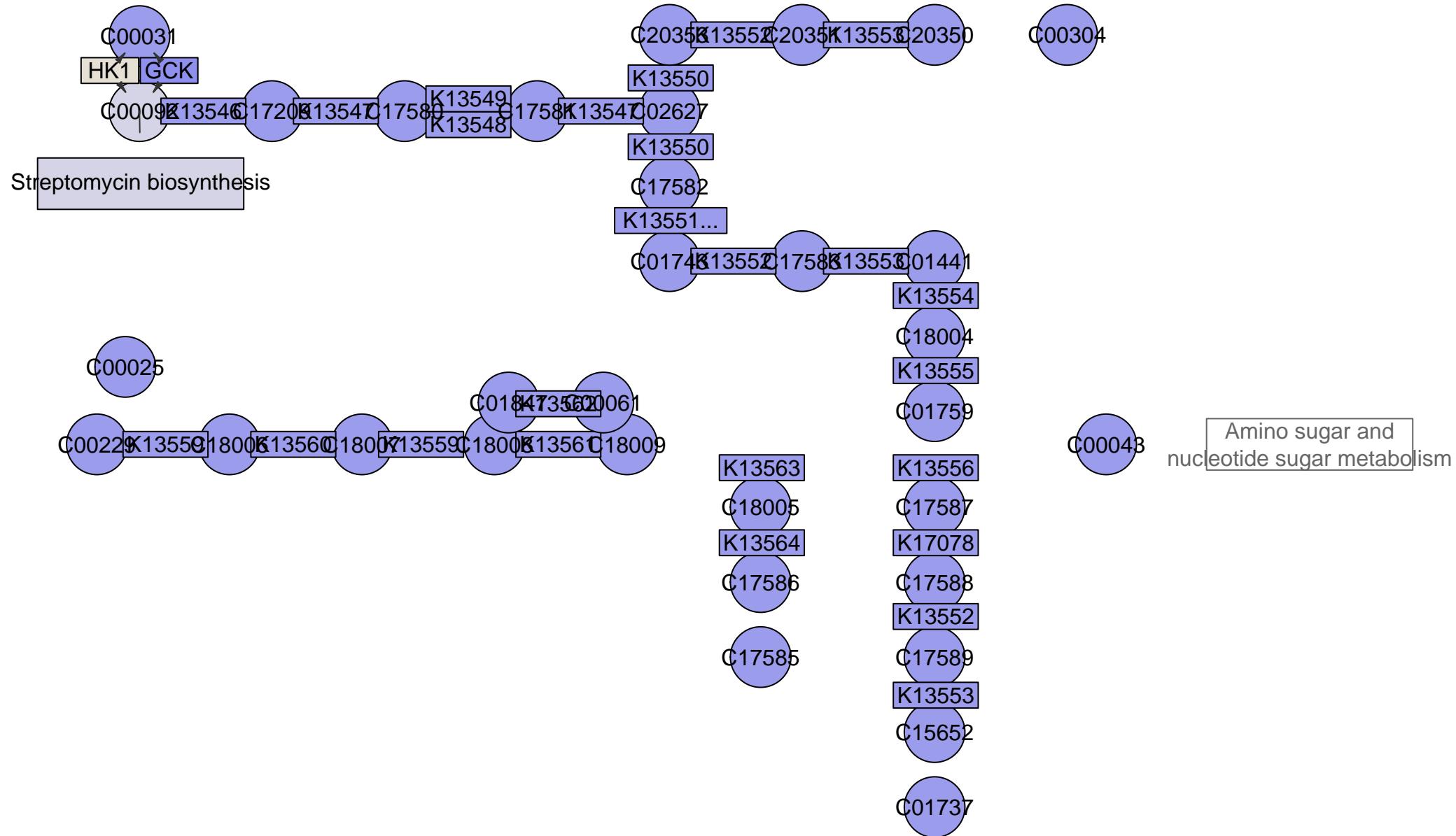
Butirosin and
neomycin biosynthesis
MPI-237



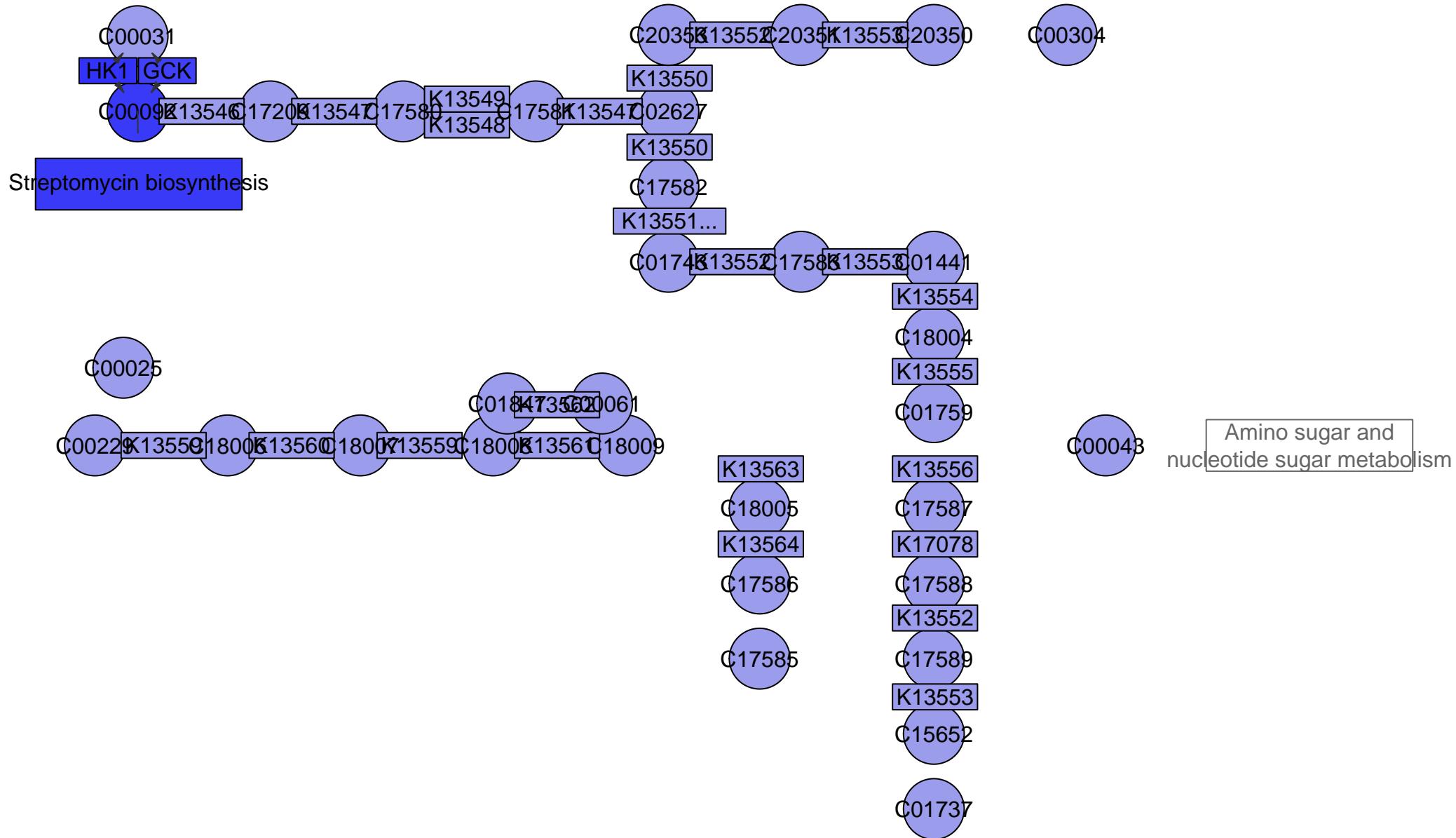
Butirosin and
neomycin biosynthesis
MPI-239



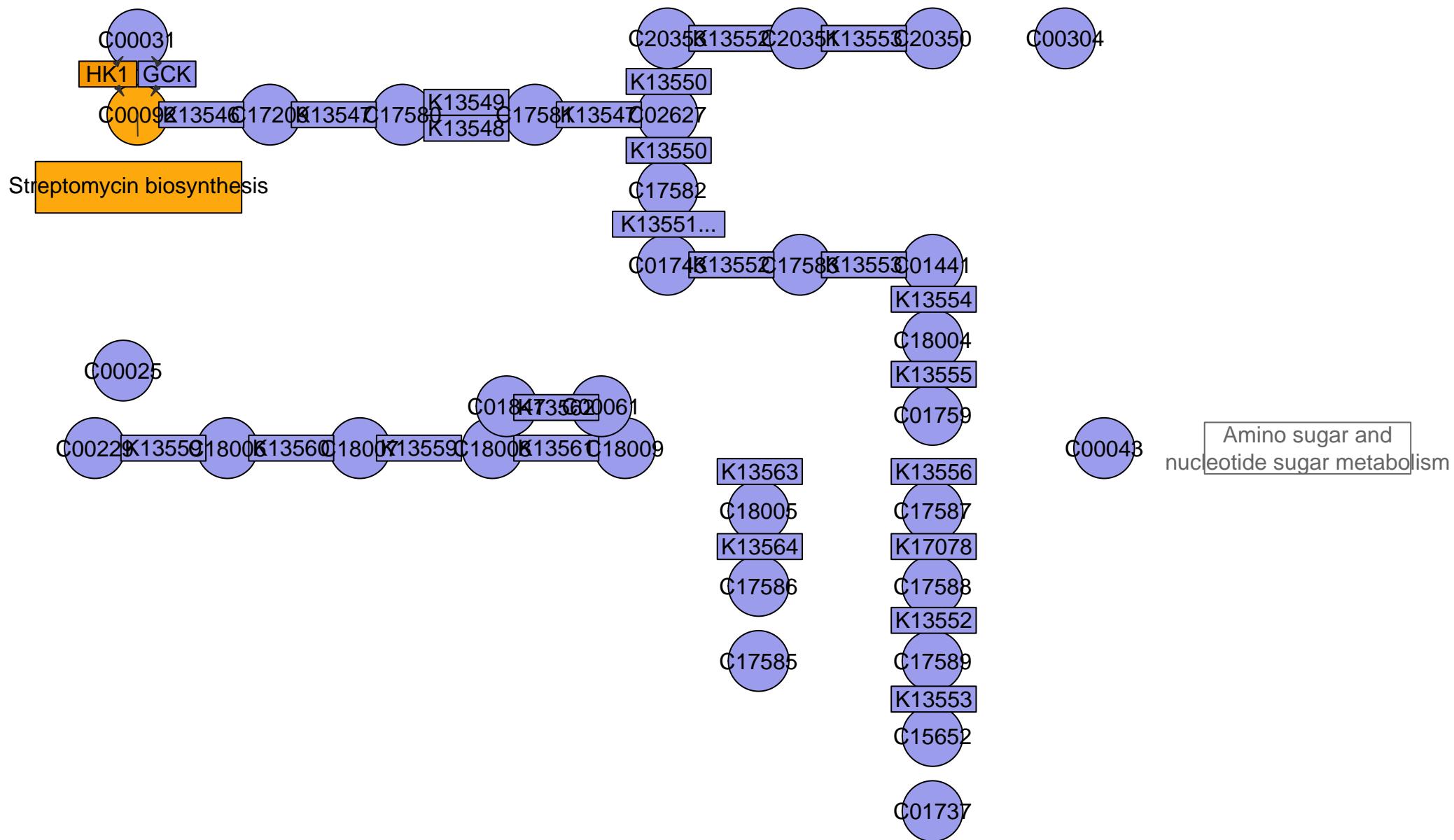
Butirosin and
neomycin biosynthesis
MPI-241



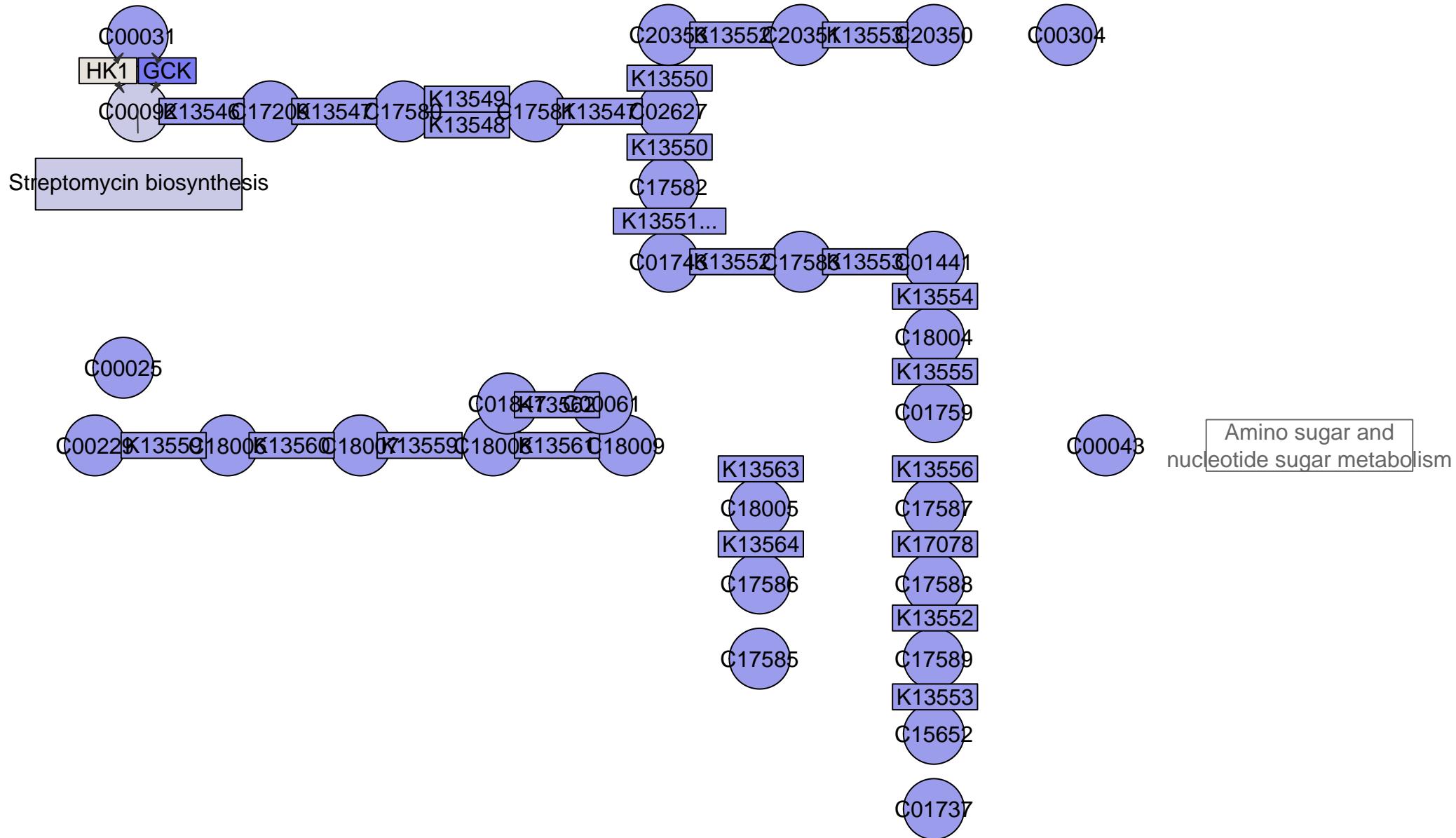
Butirosin and
neomycin biosynthesis
MPI-243



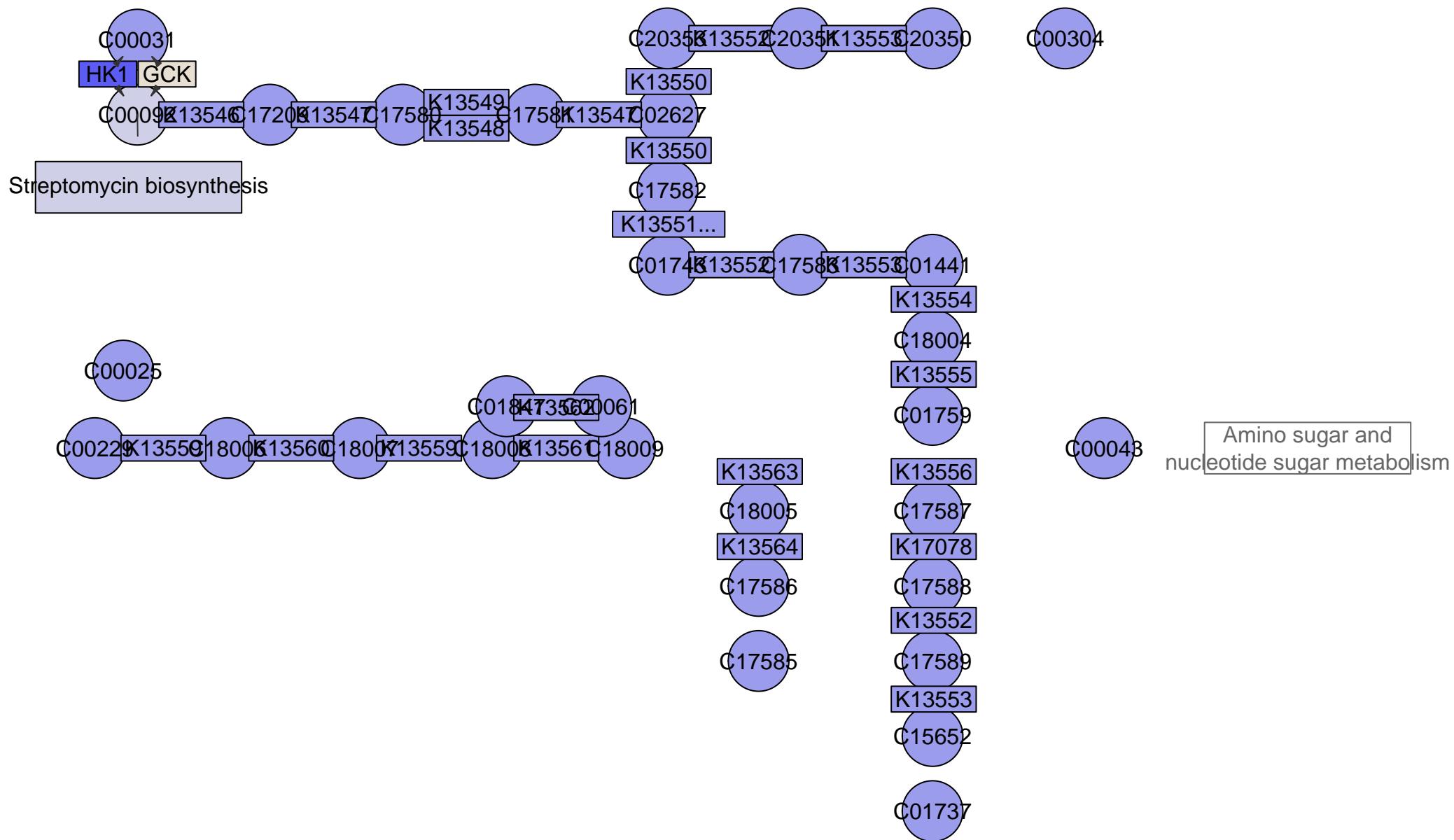
Butirosin and
neomycin biosynthesis
MPI-244



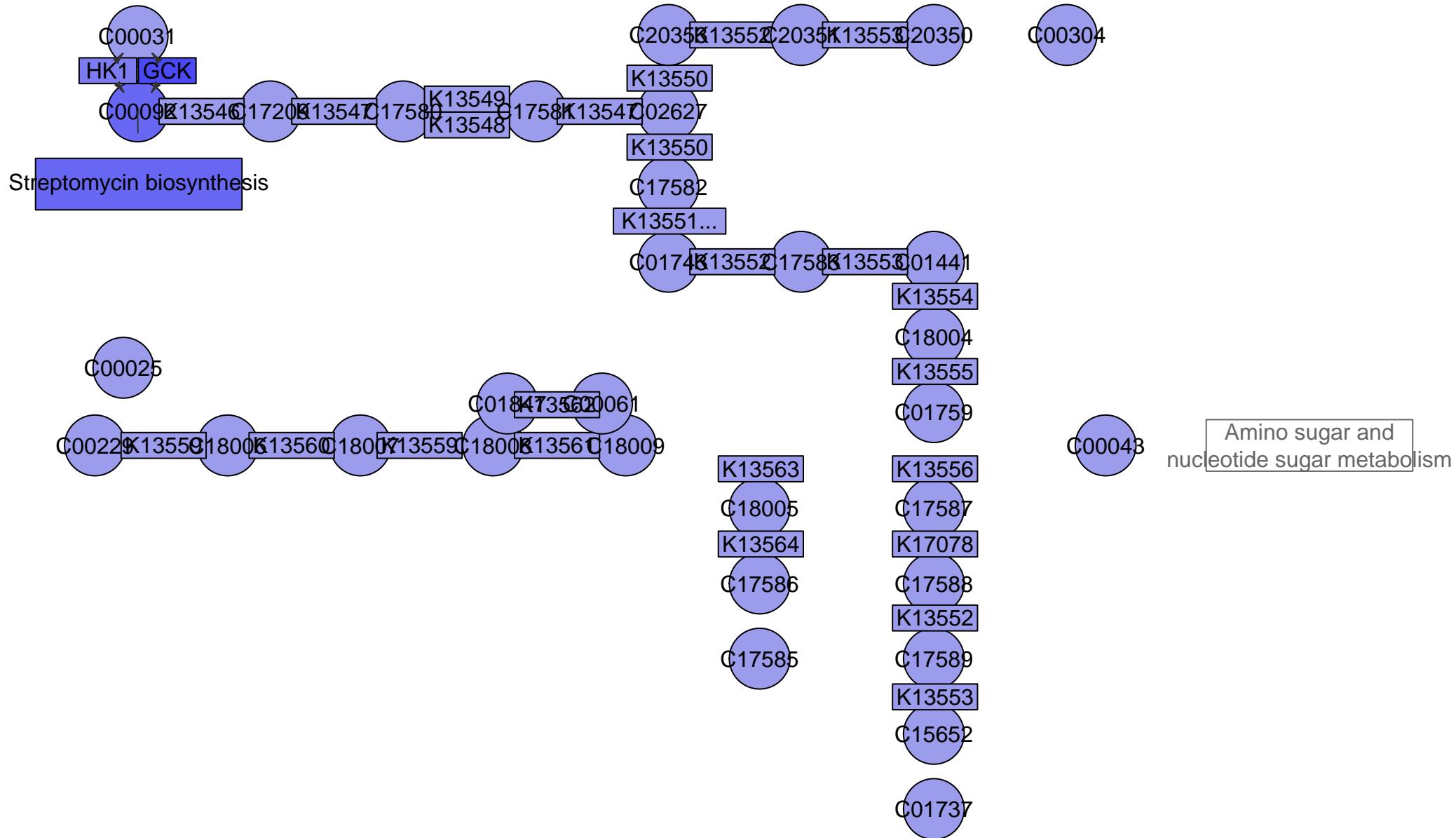
Butirosin and
neomycin biosynthesis
MPI-246



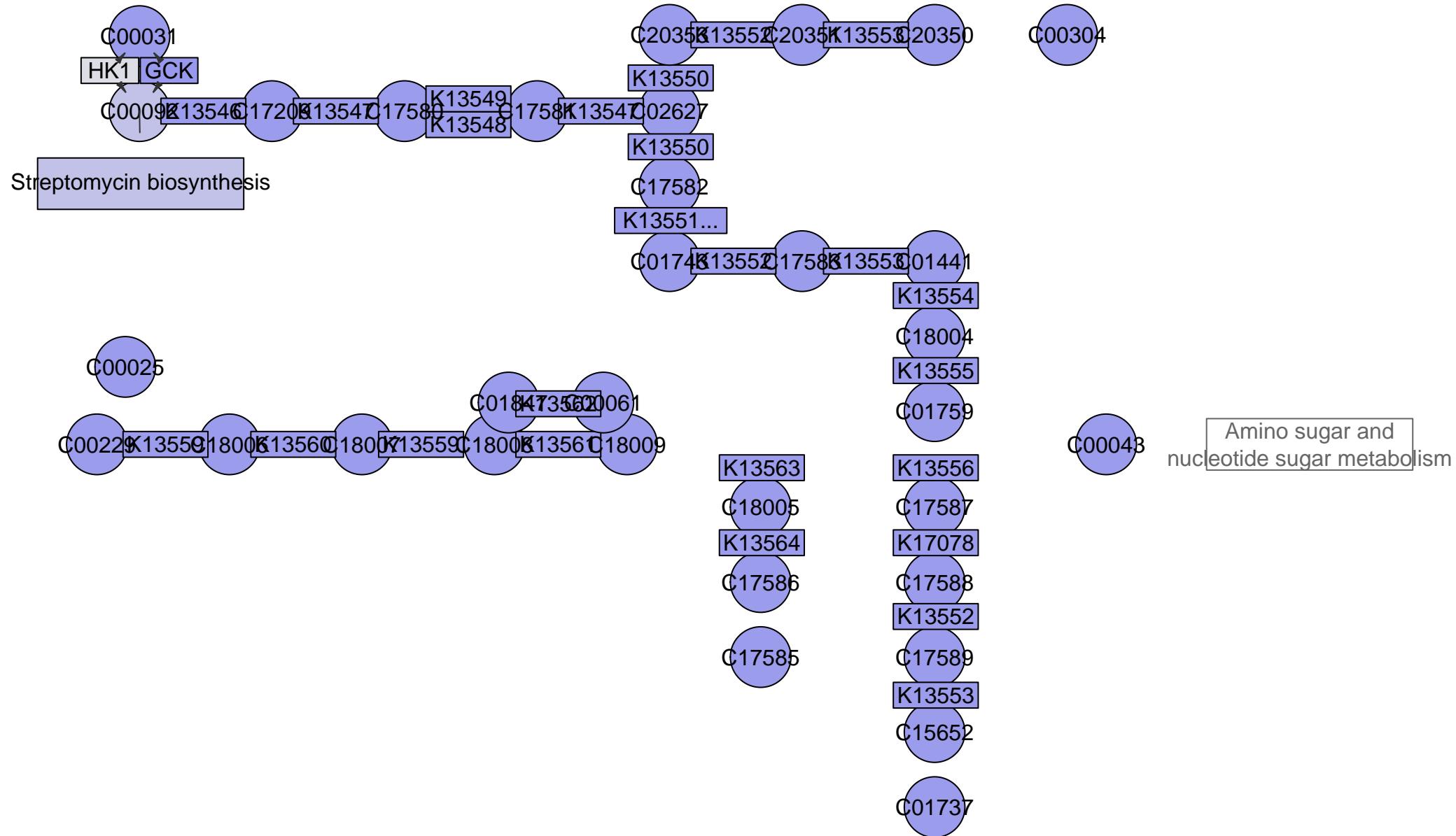
Butirosin and
neomycin biosynthesis
MPI-247



Butirosin and
neomycin biosynthesis
MPI-251



Butirosin and
neomycin biosynthesis
MPI-255



Butirosin and
neomycin biosynthesis
MPI-223b

