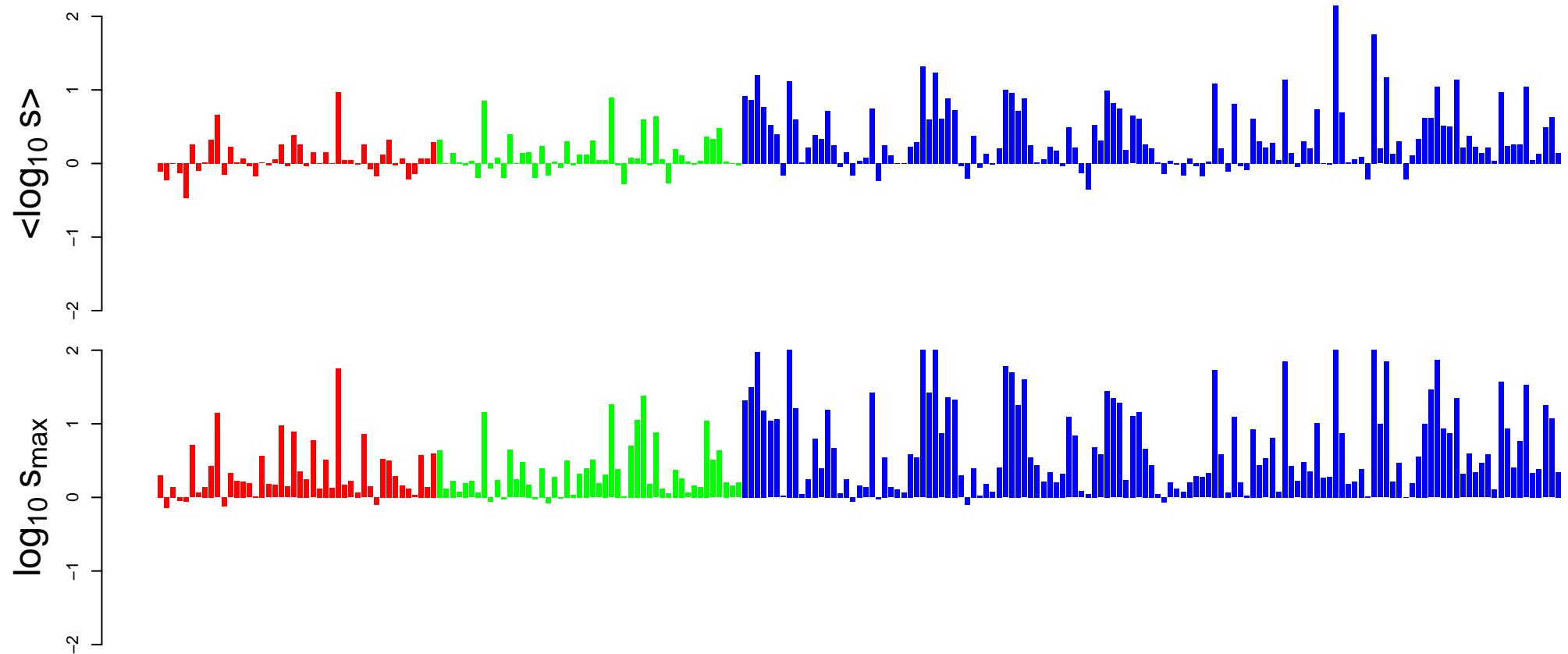
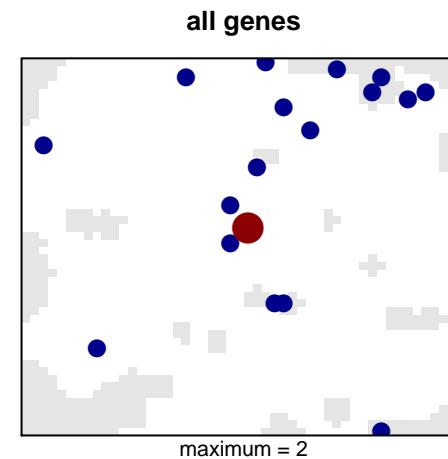
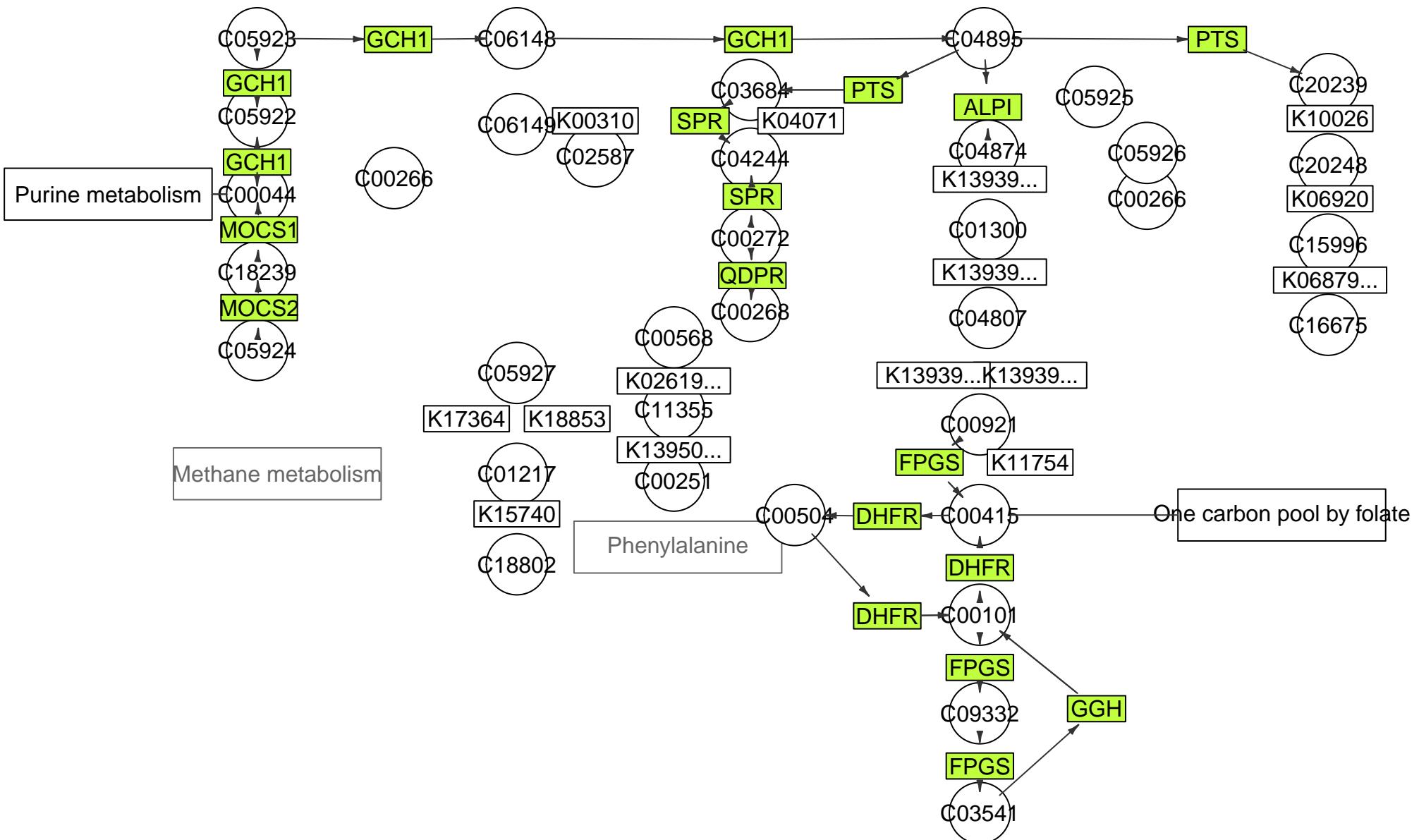


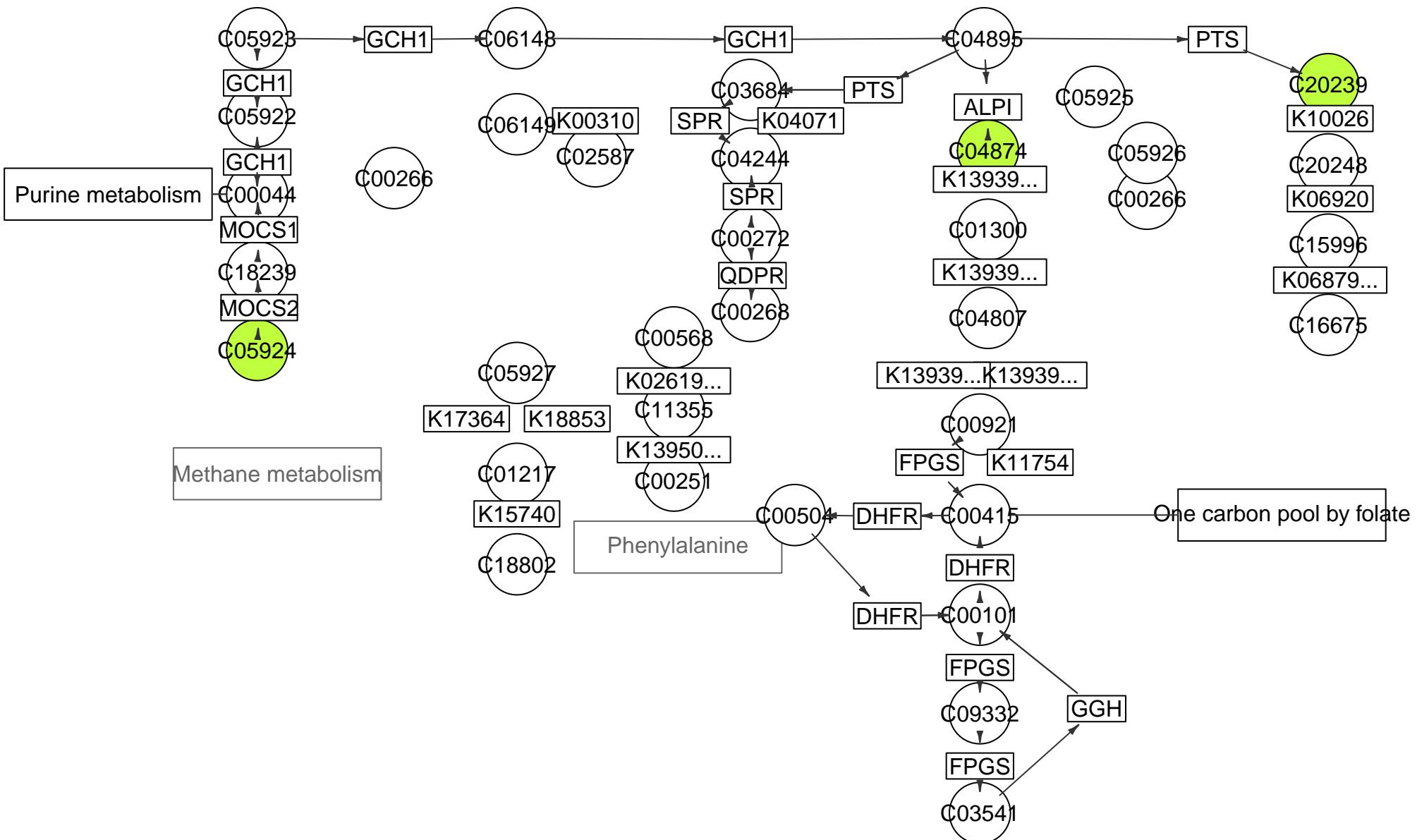
# Folate biosynthesis



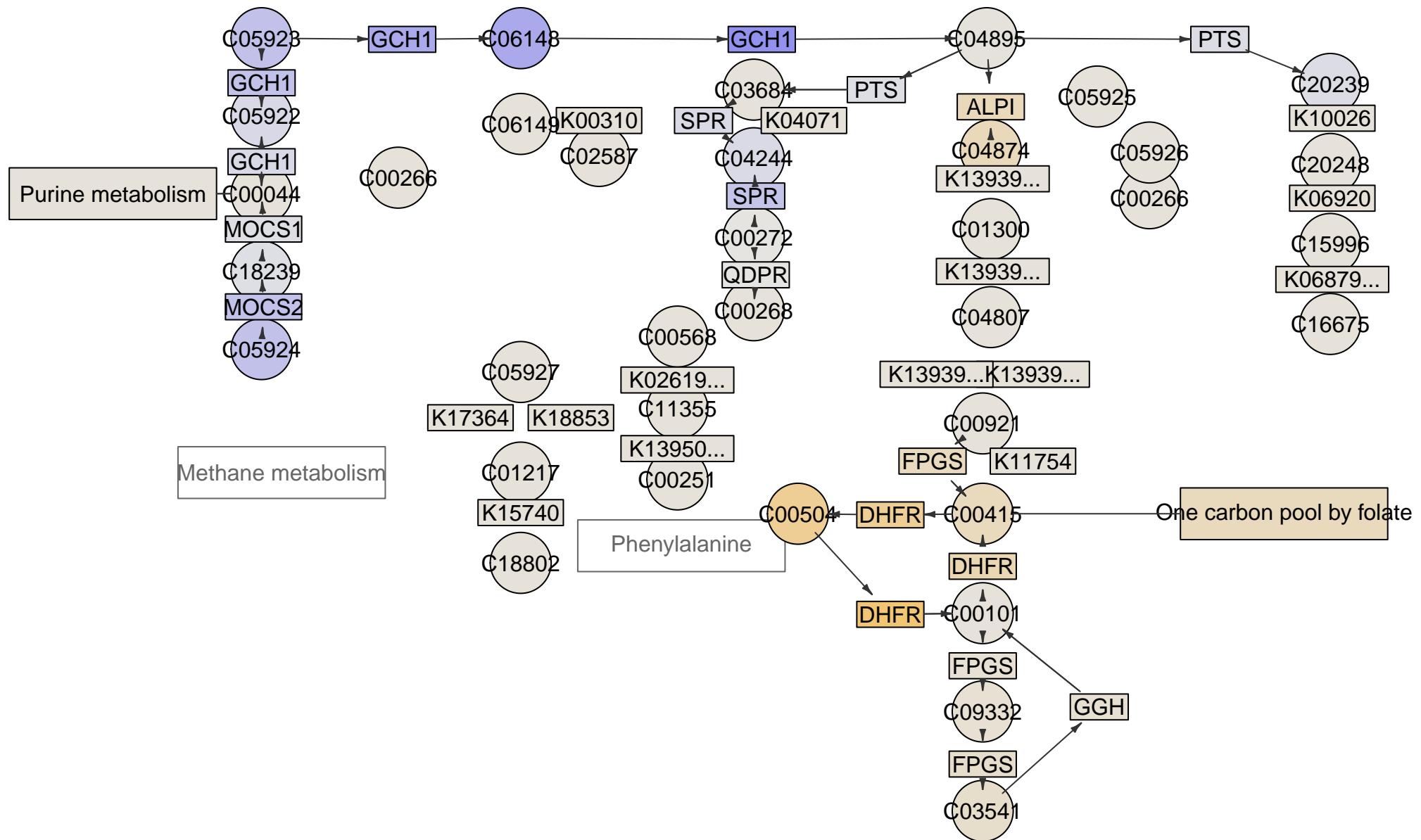
Folate biosynthesis  
(genes with data)



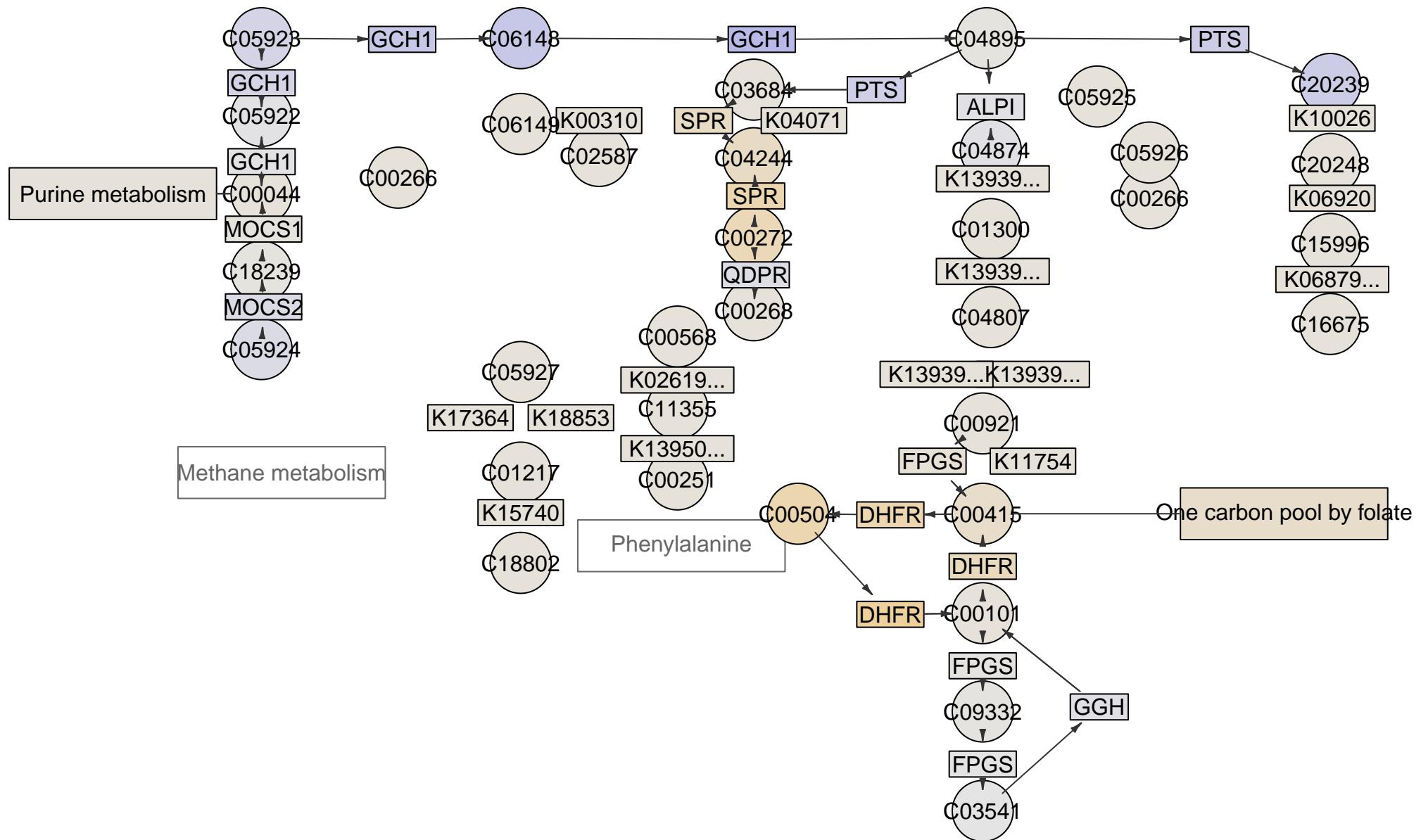
Folate biosynthesis  
(sink nodes)



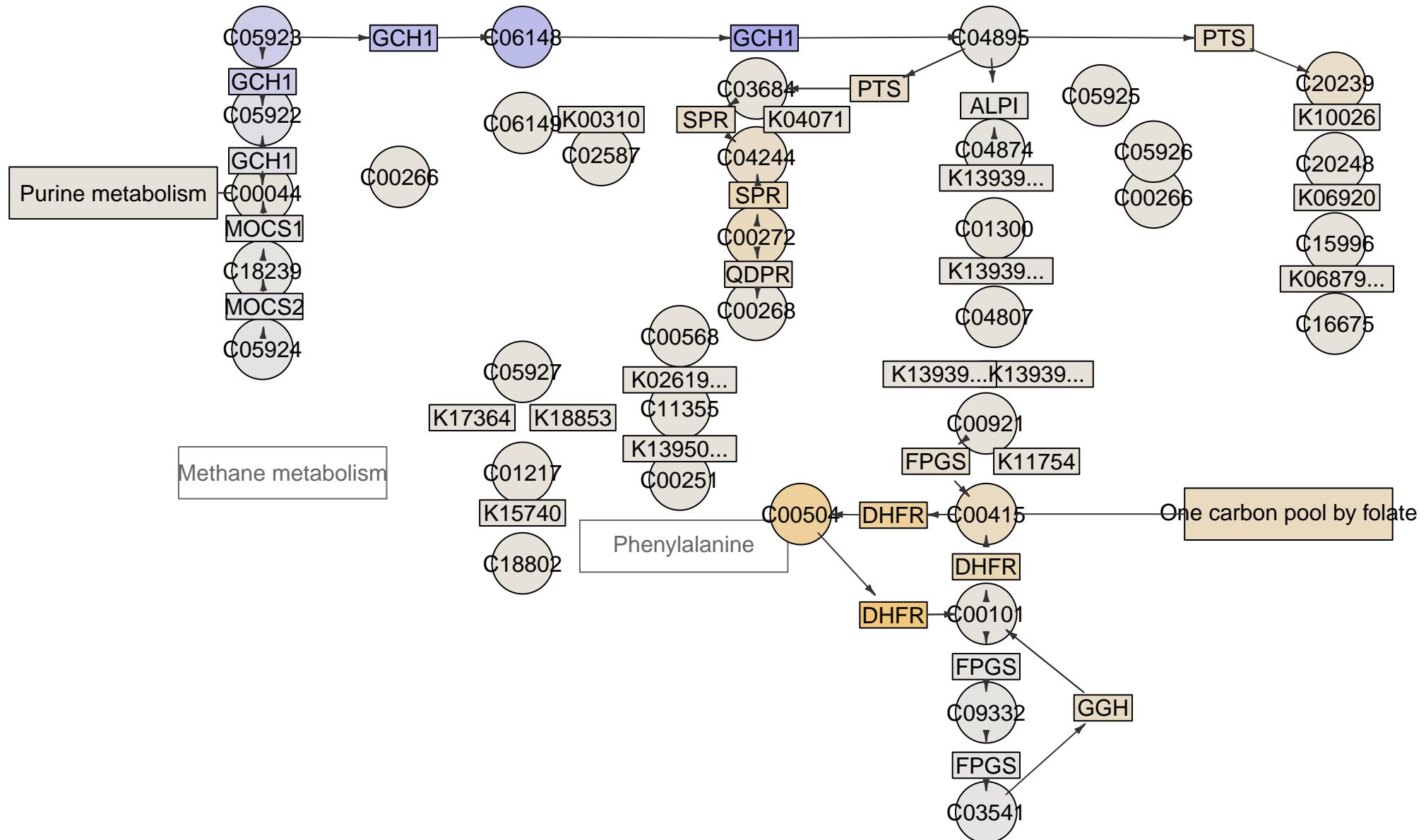
Folate biosynthesis  
MPI-001



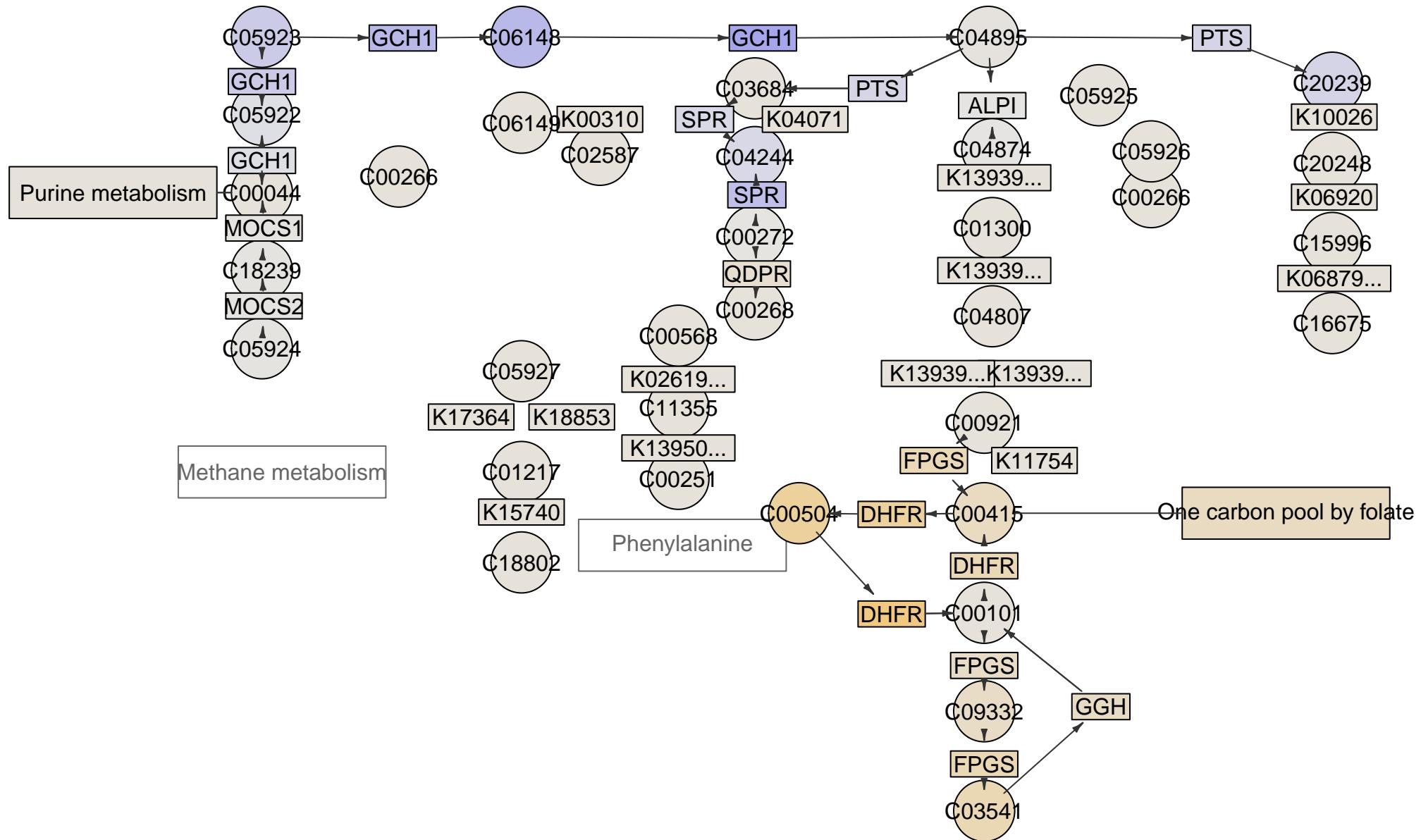
Folate biosynthesis  
MPI-002



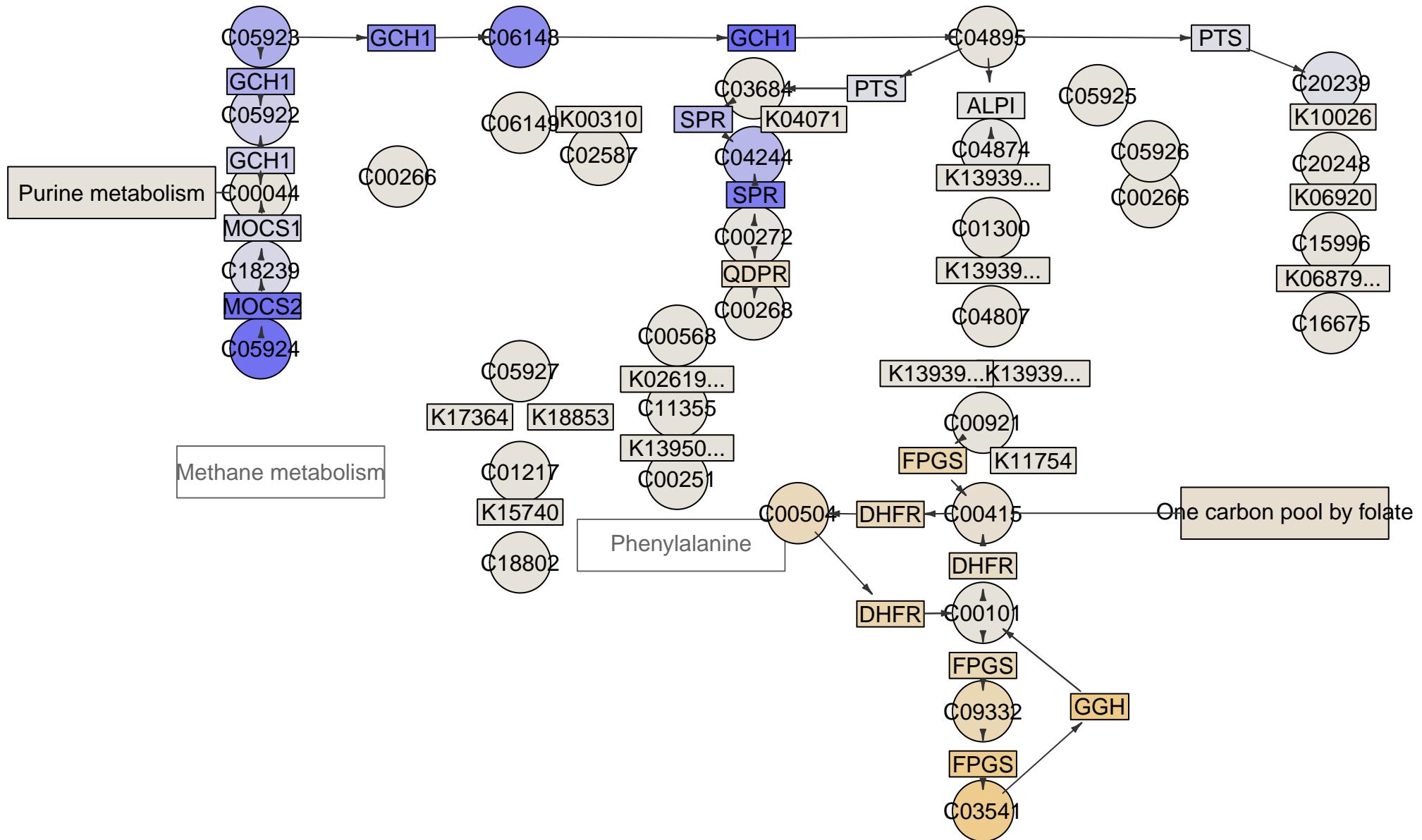
Folate biosynthesis  
MPI-003



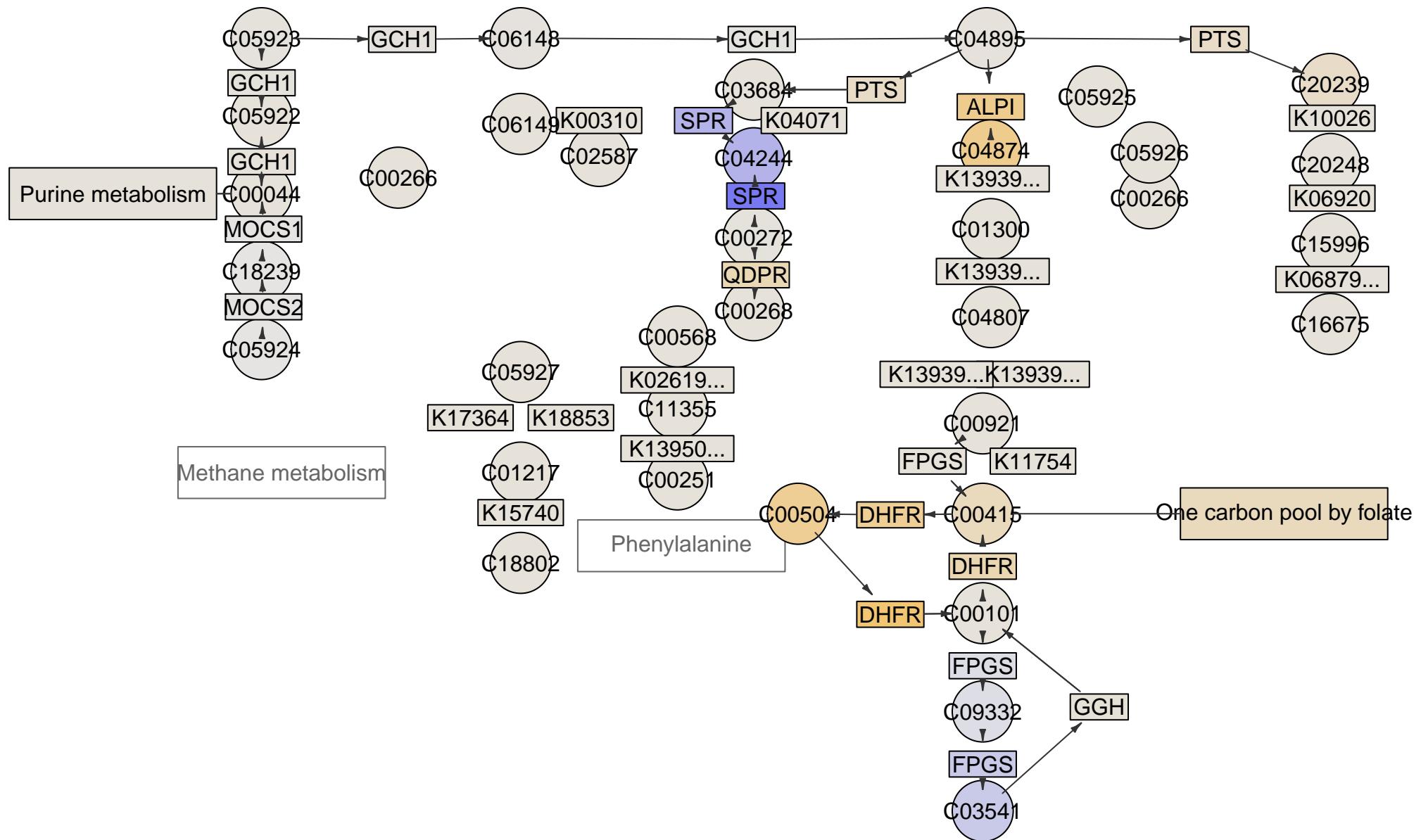
Folate biosynthesis  
MPI-005



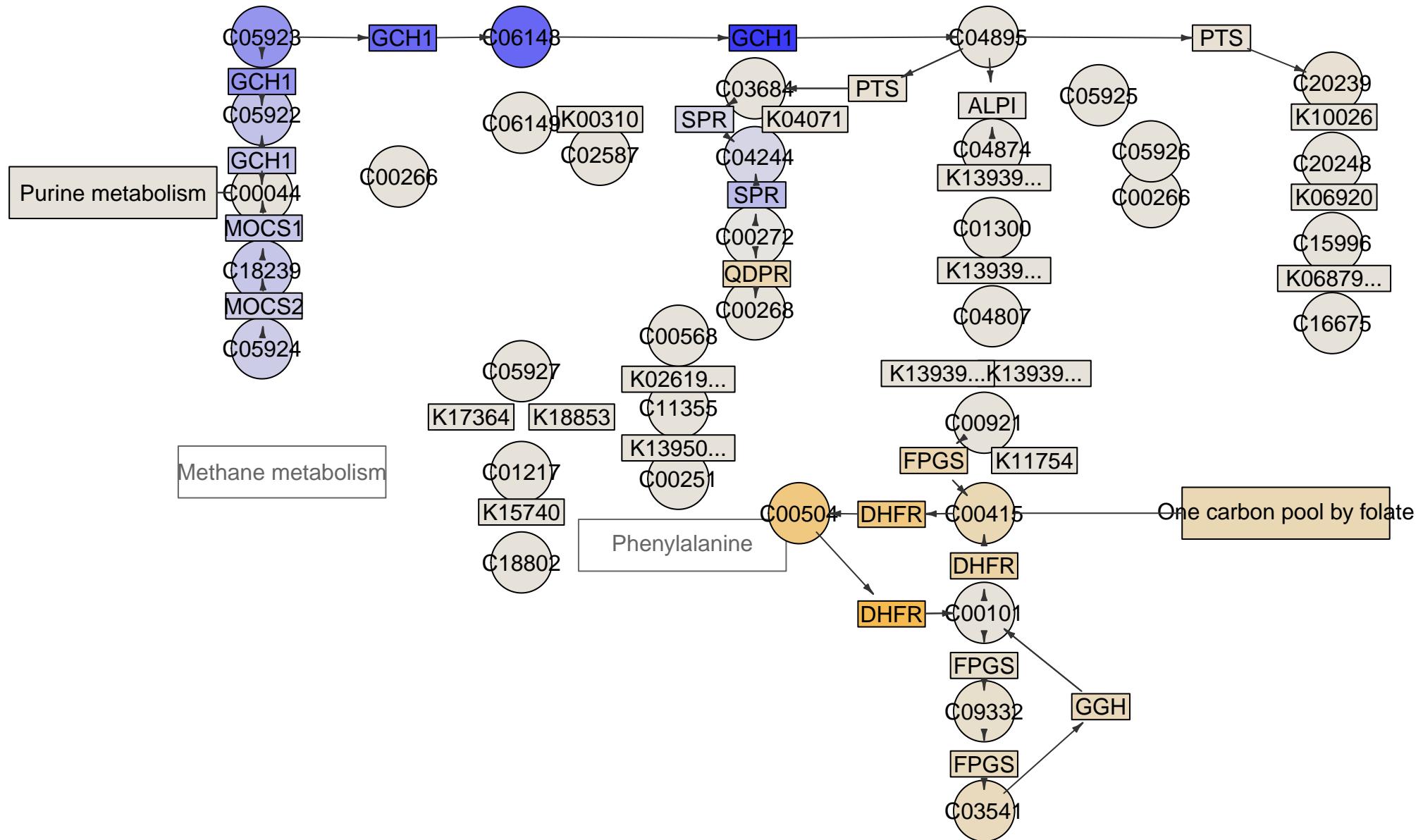
Folate biosynthesis  
MPI-006



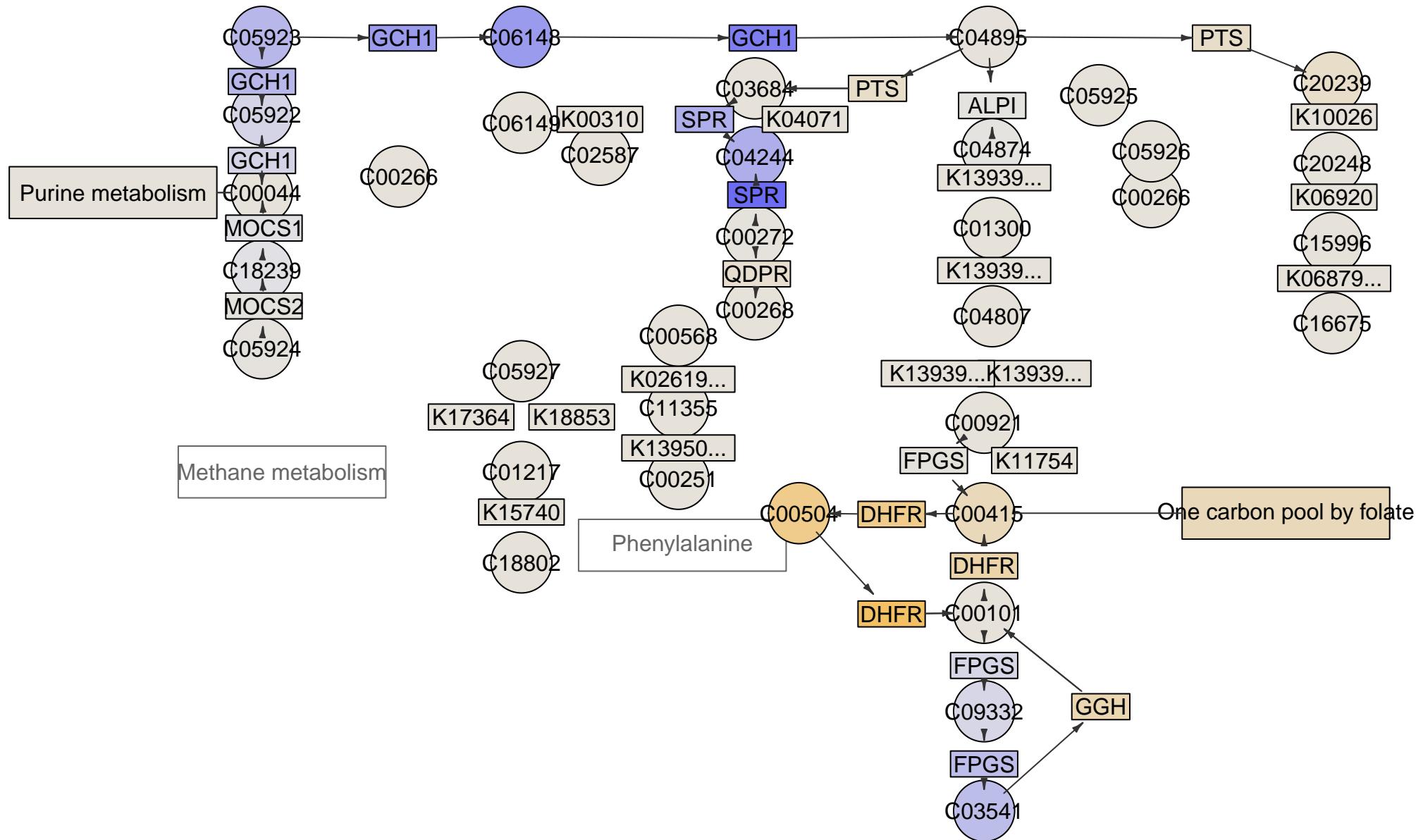
Folate biosynthesis  
MPI-016



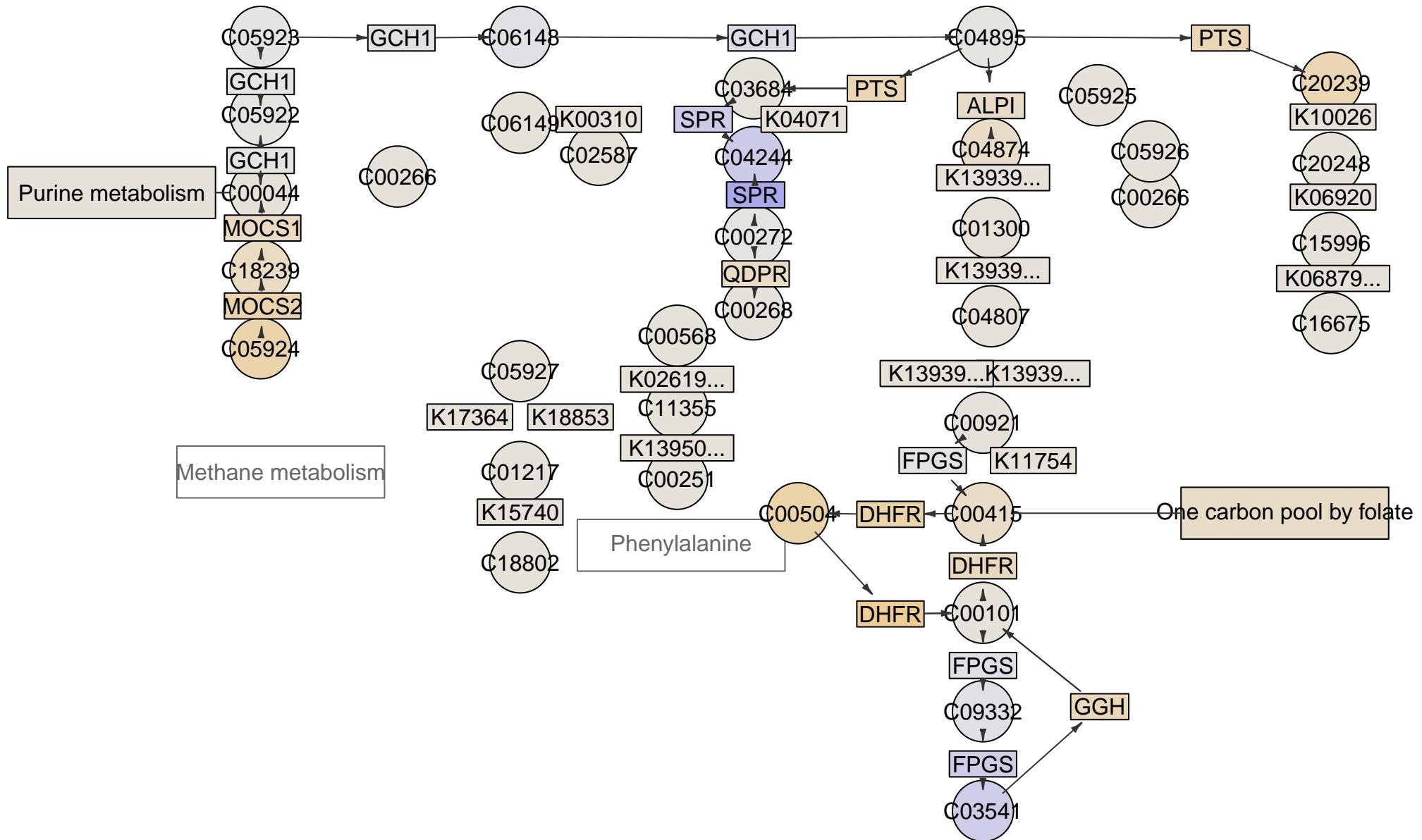
Folate biosynthesis  
MPI-017



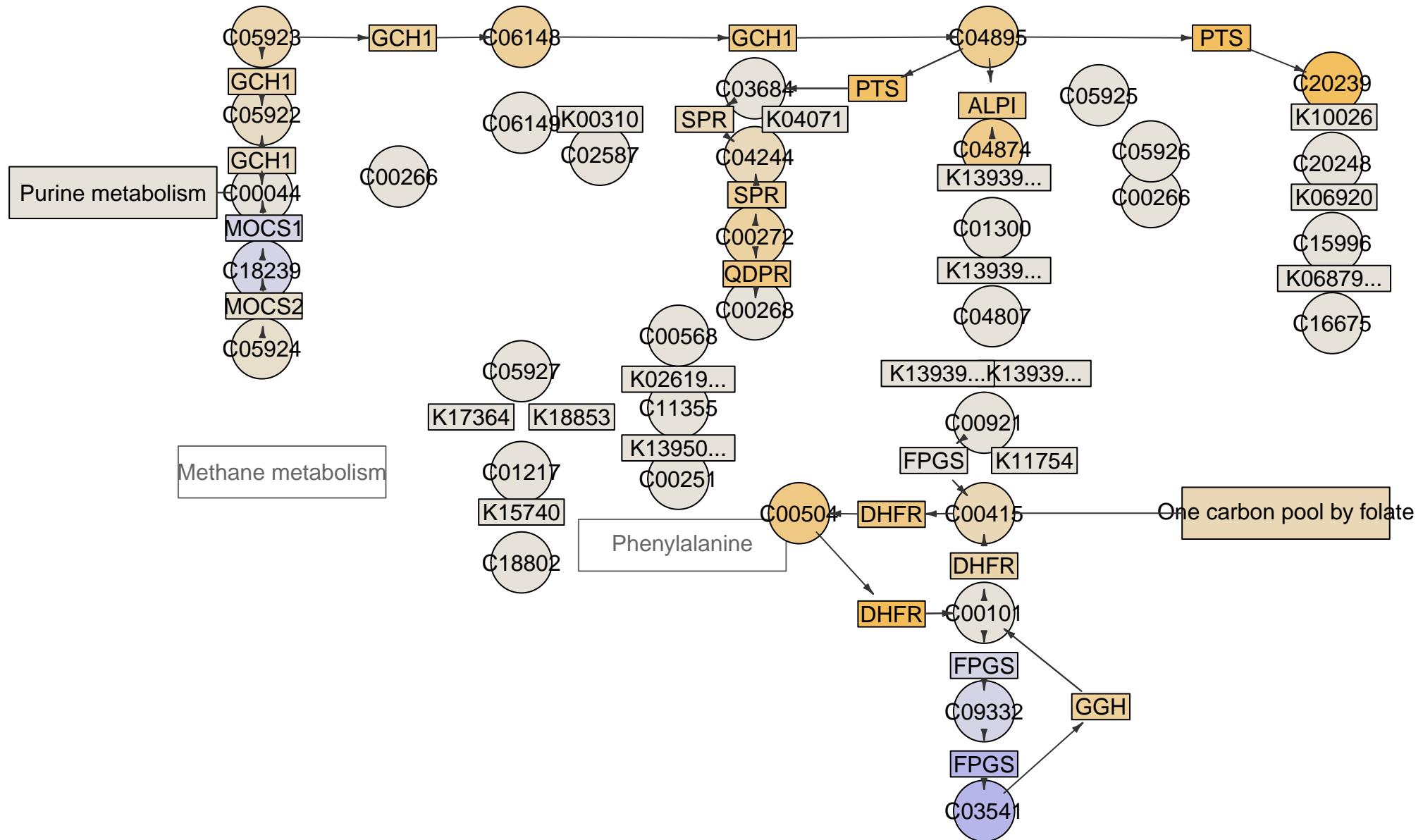
Folate biosynthesis  
MPI-018



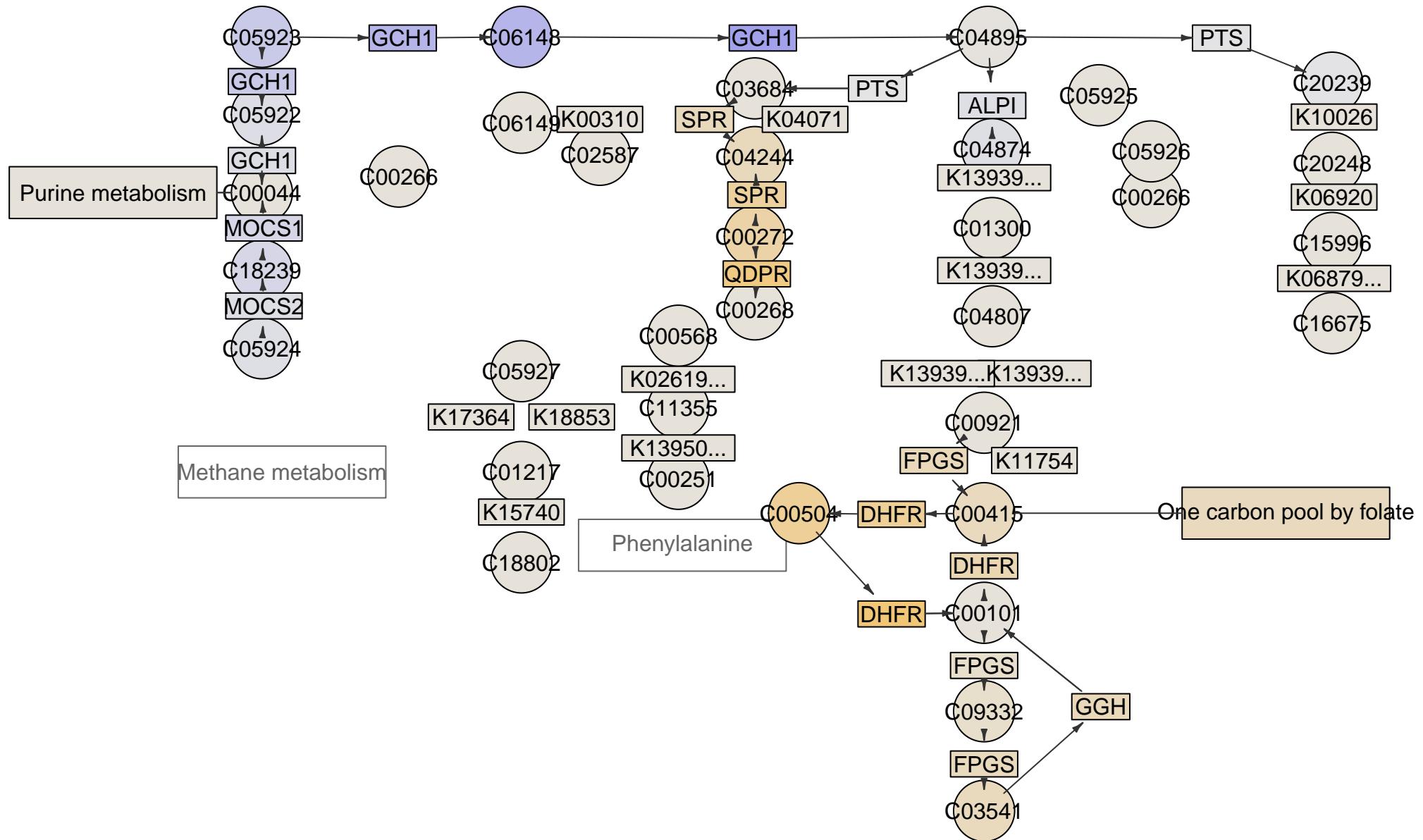
Folate biosynthesis  
MPI-027



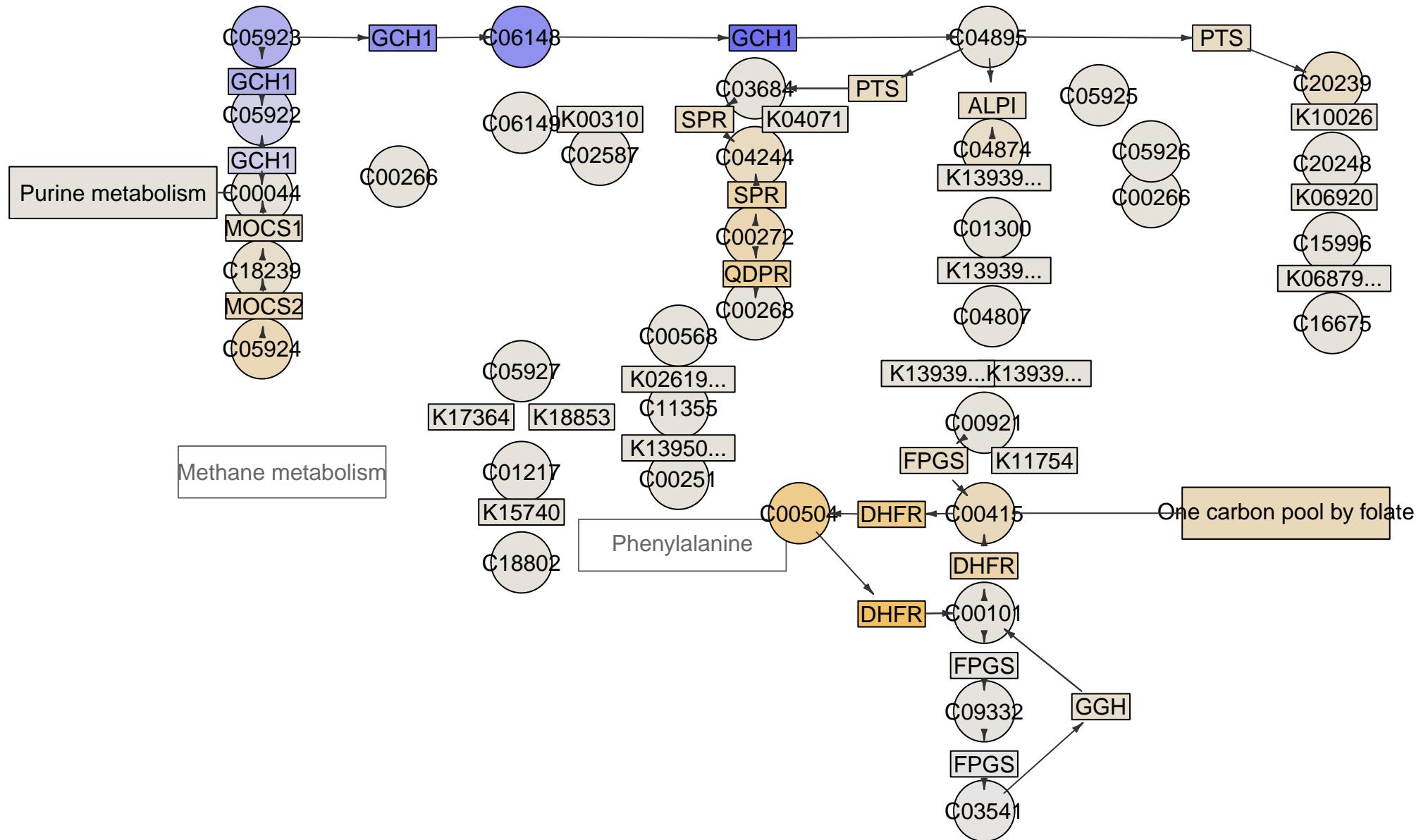
Folate biosynthesis  
MPI-028



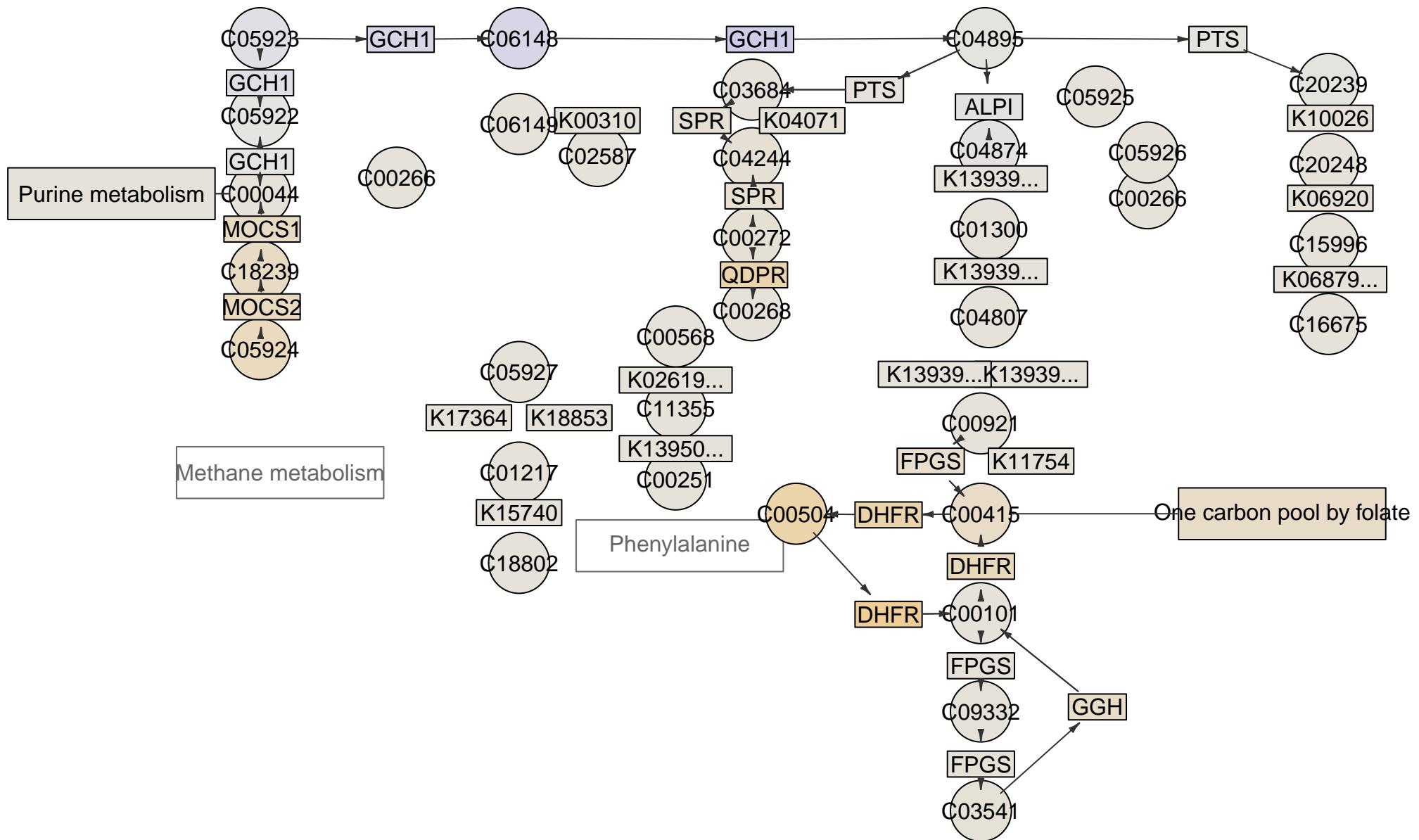
Folate biosynthesis  
MPI-032



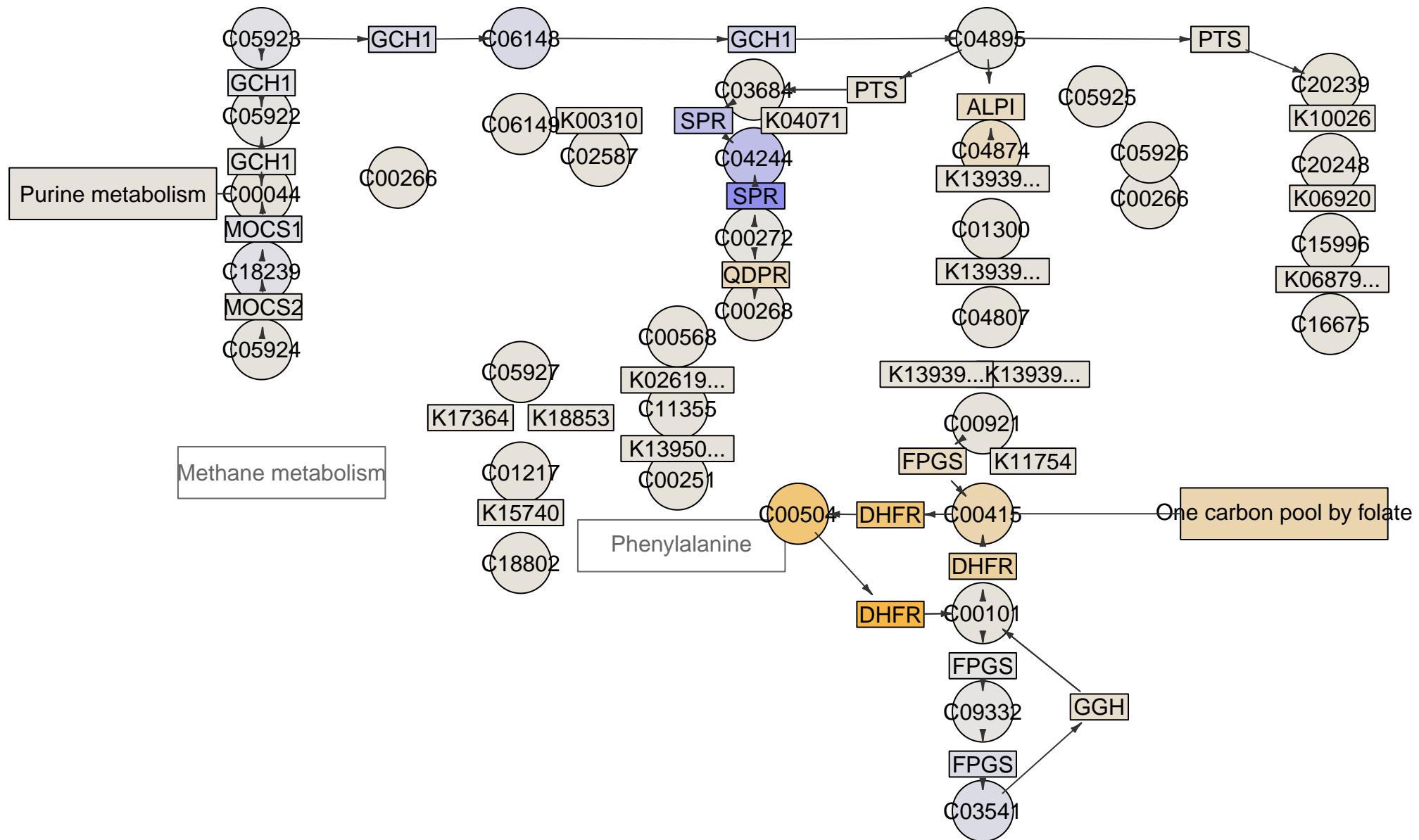
Folate biosynthesis  
MPI-033



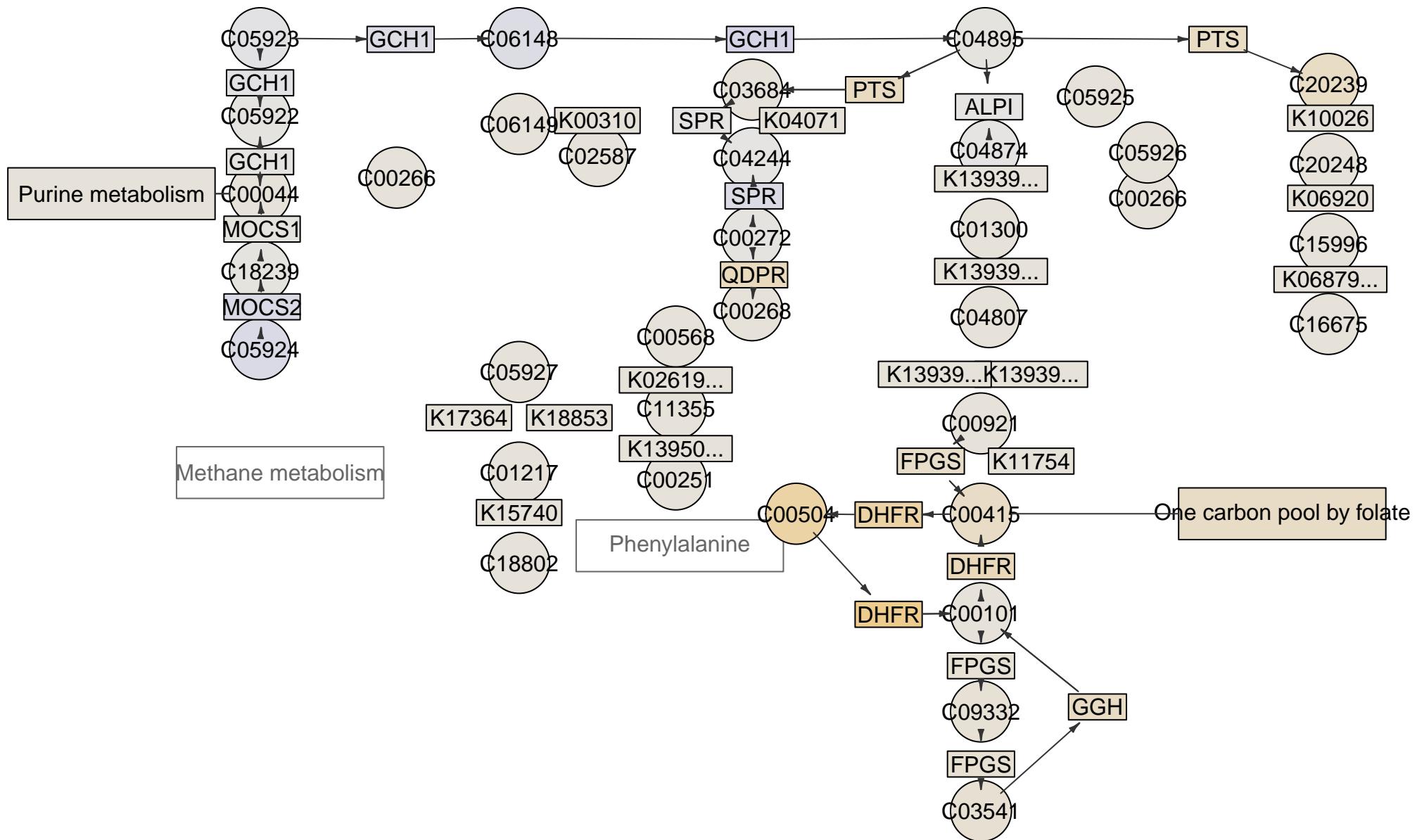
Folate biosynthesis  
MPI-034



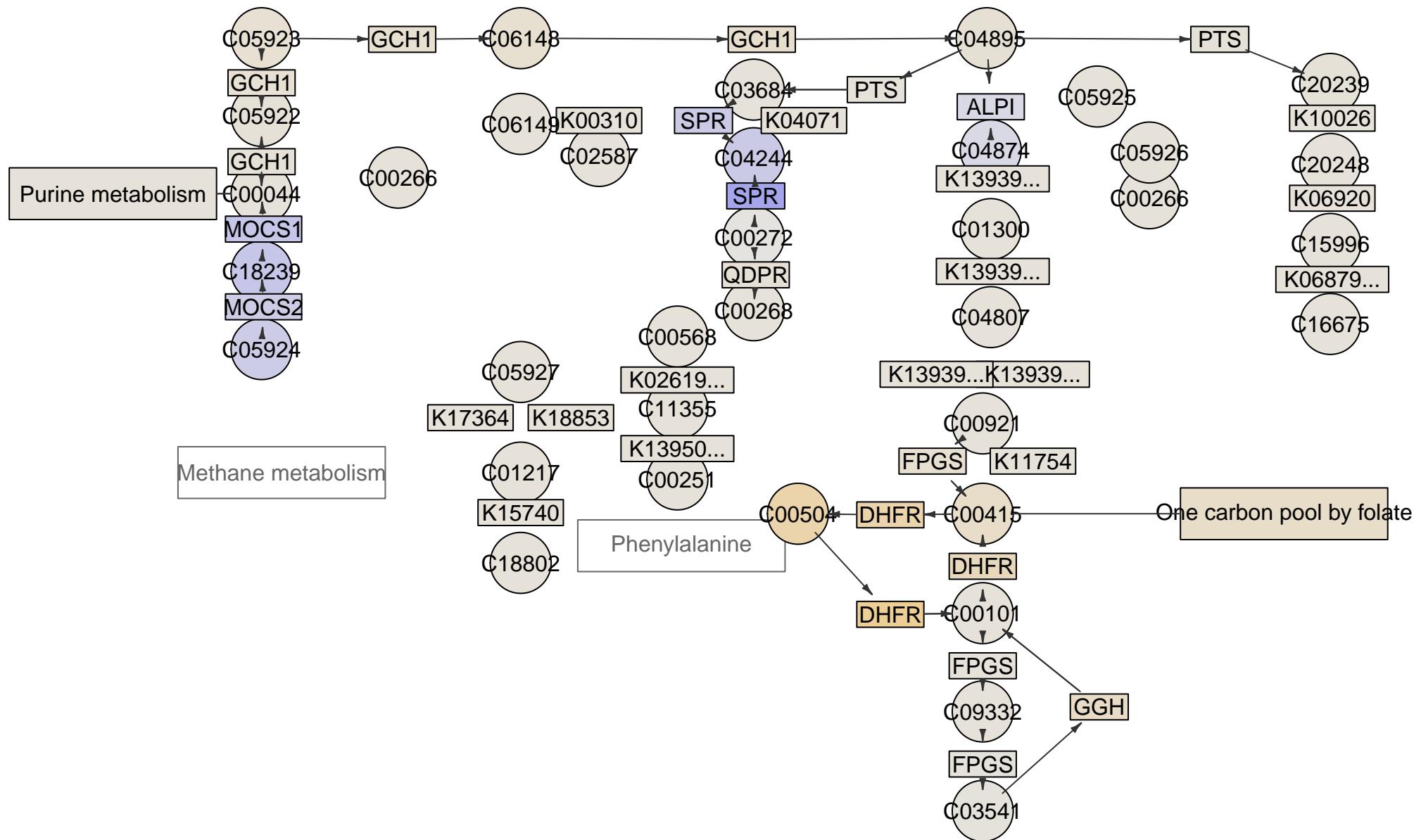
Folate biosynthesis  
MPI-043



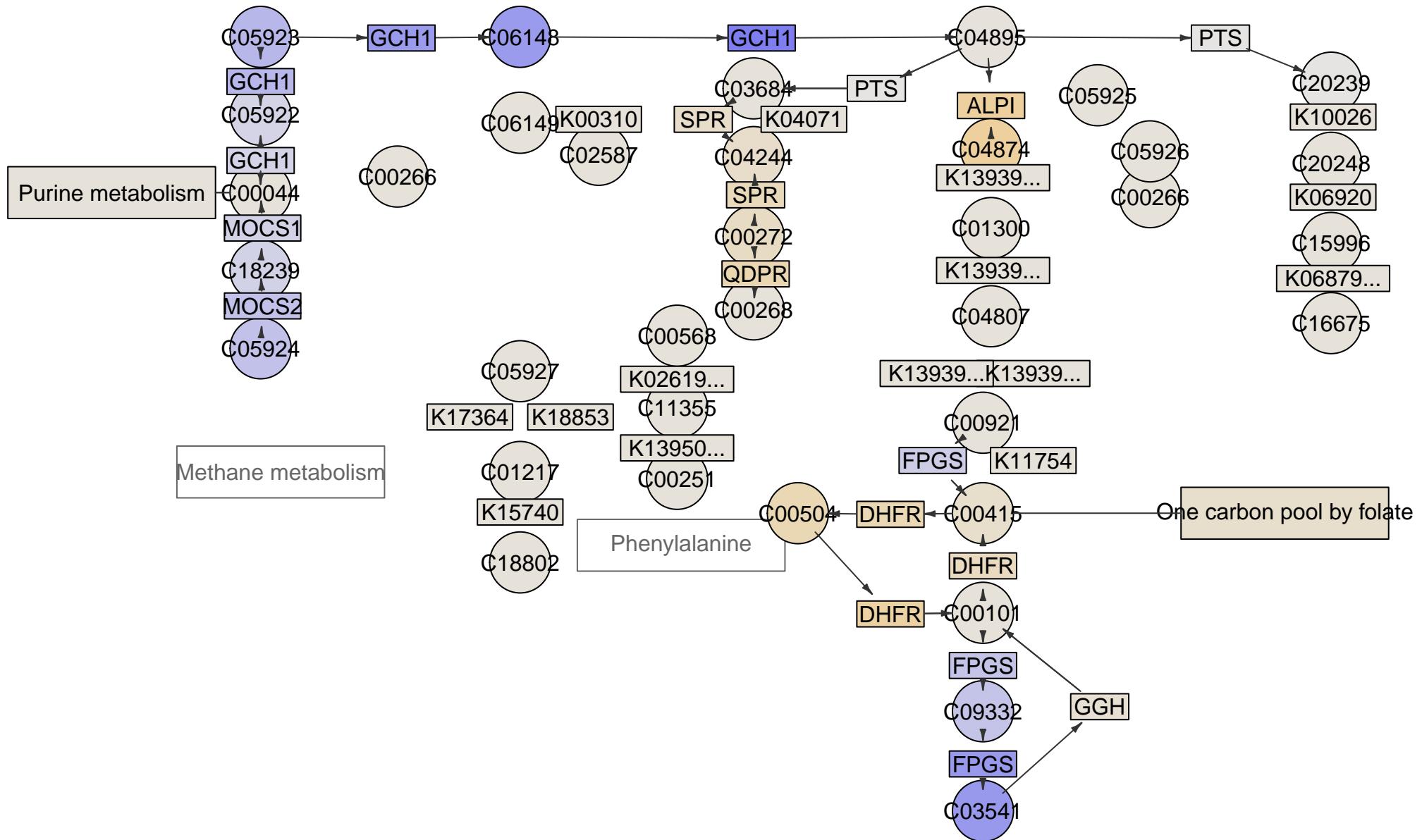
Folate biosynthesis  
MPI-044



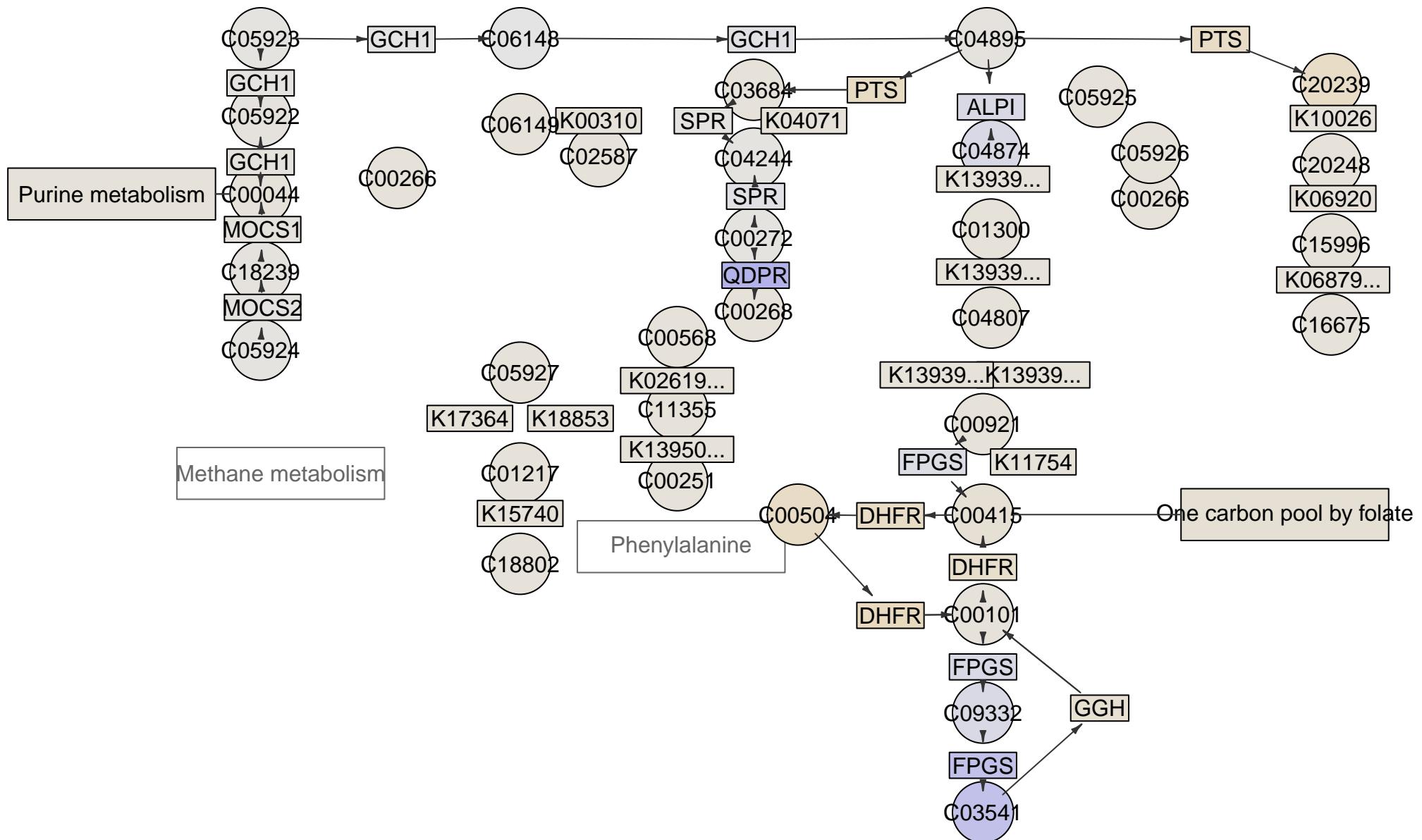
Folate biosynthesis  
MPI-048



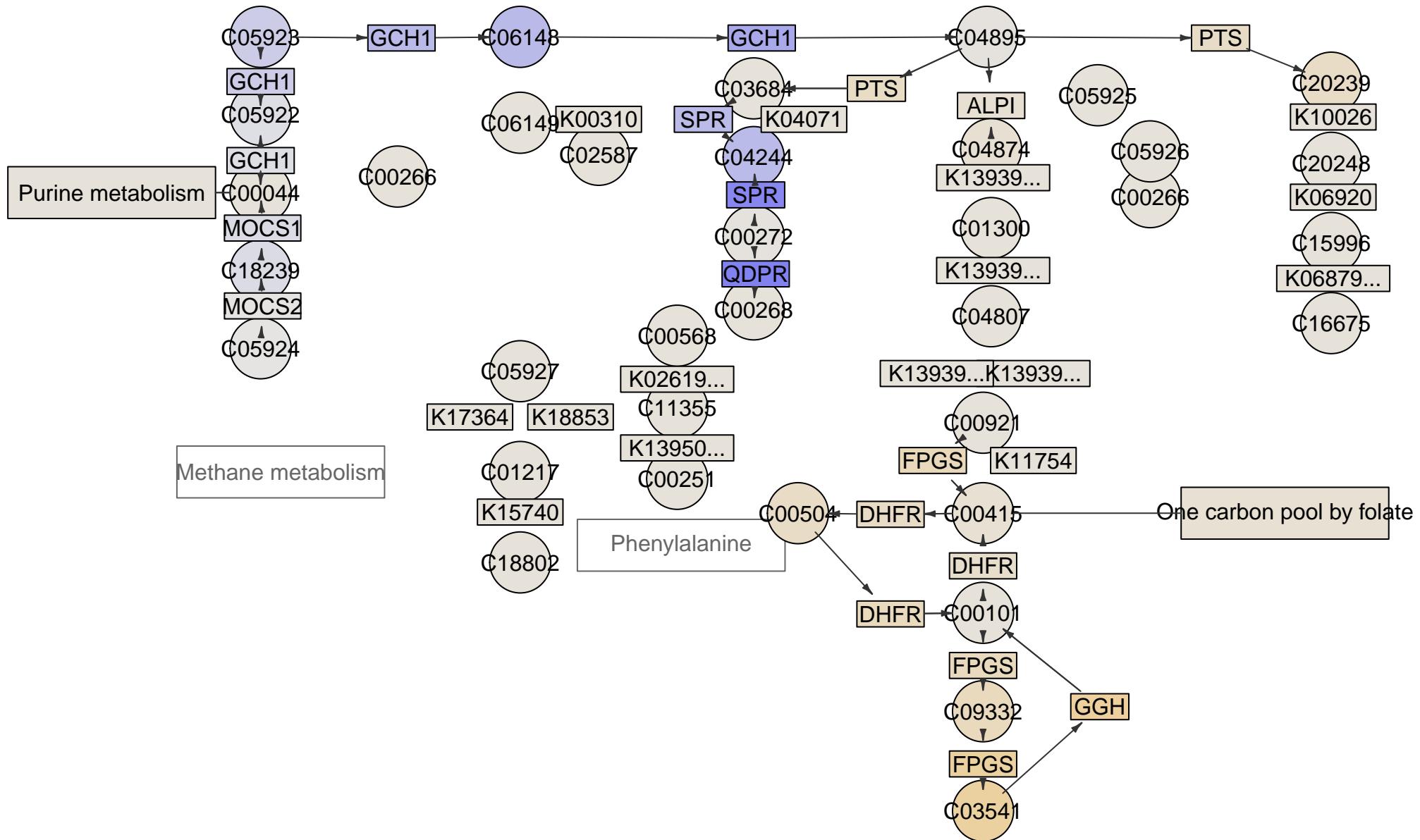
Folate biosynthesis  
MPI-055



Folate biosynthesis  
MPI-065

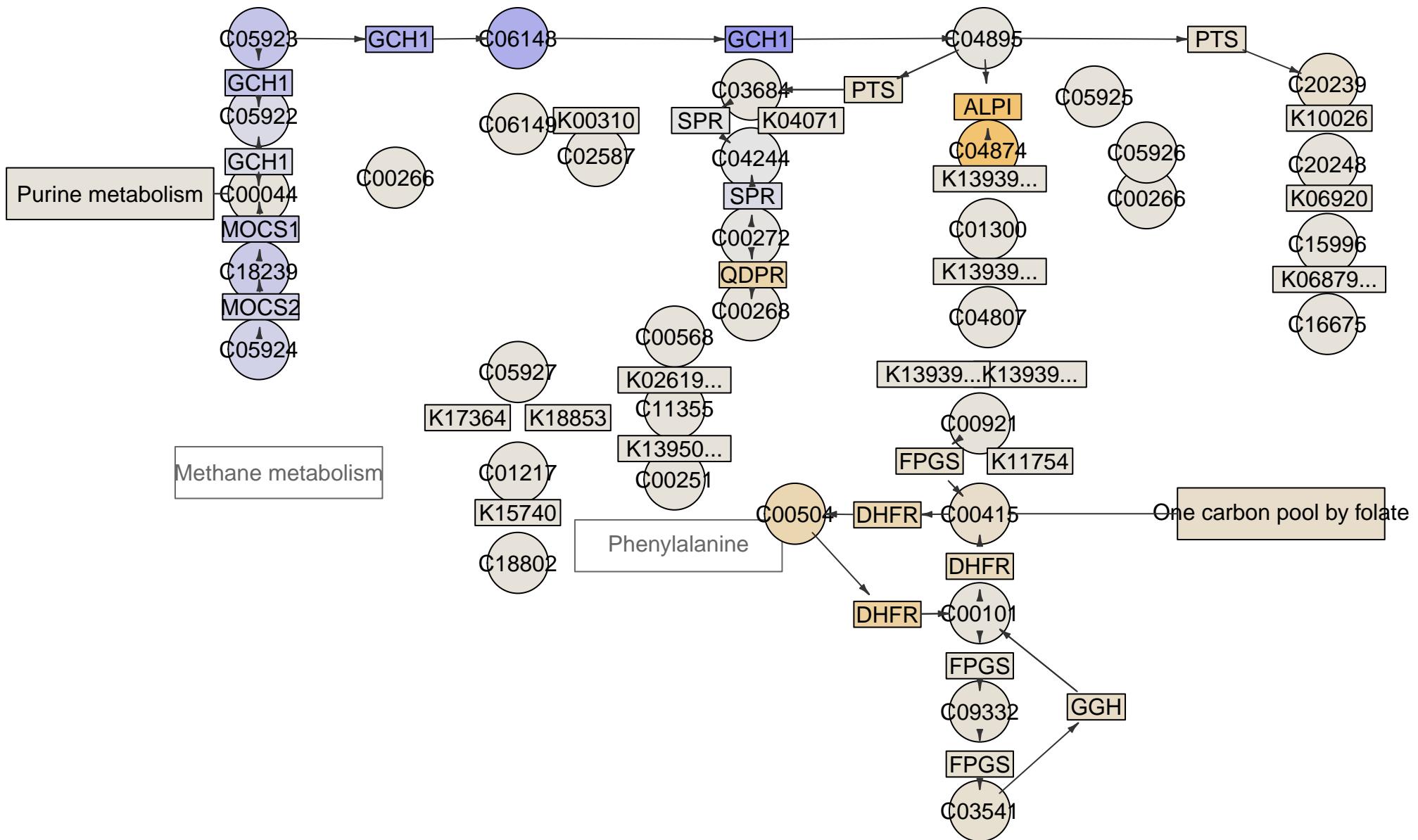


Folate biosynthesis  
MPI-071

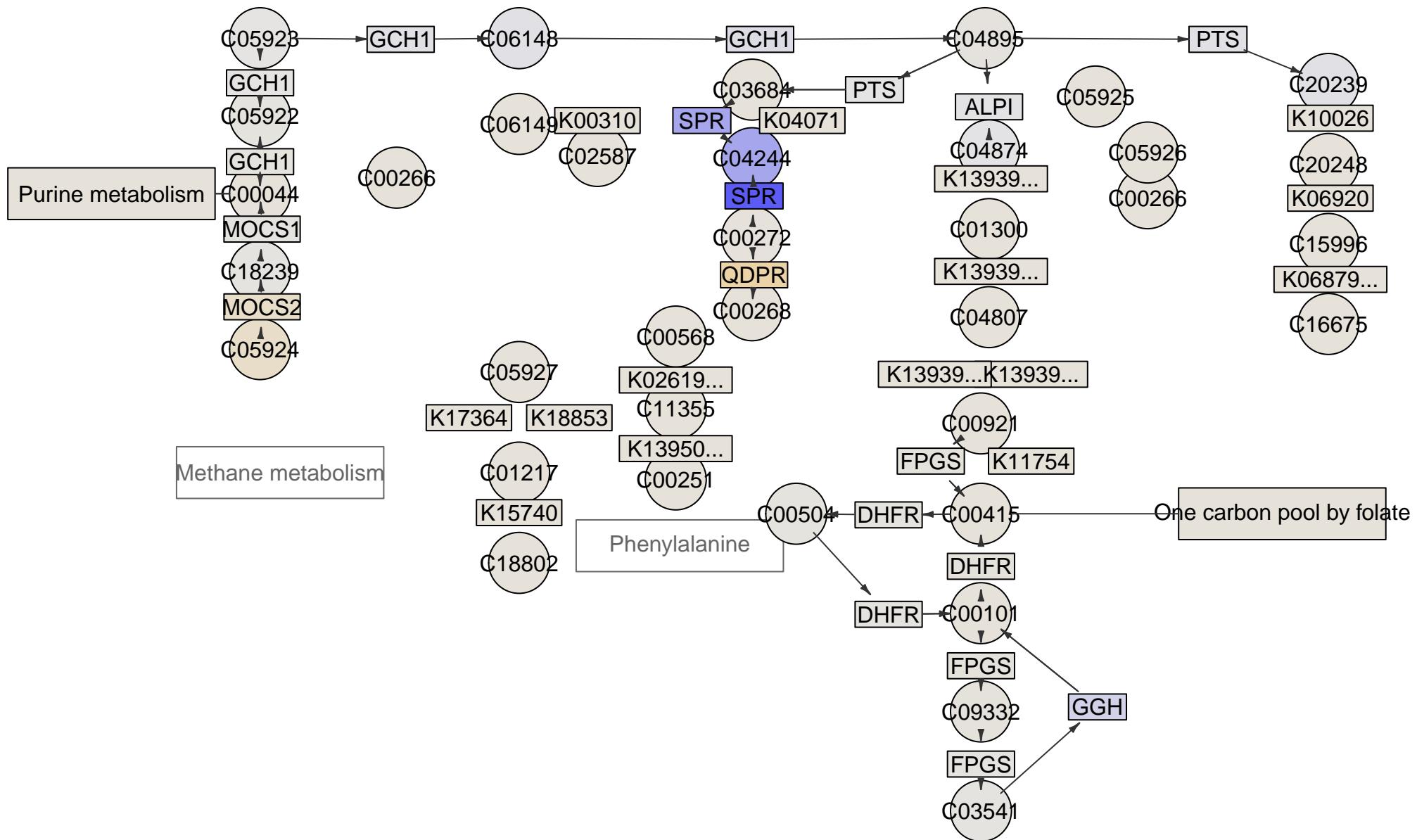


# Folate biosynthesis

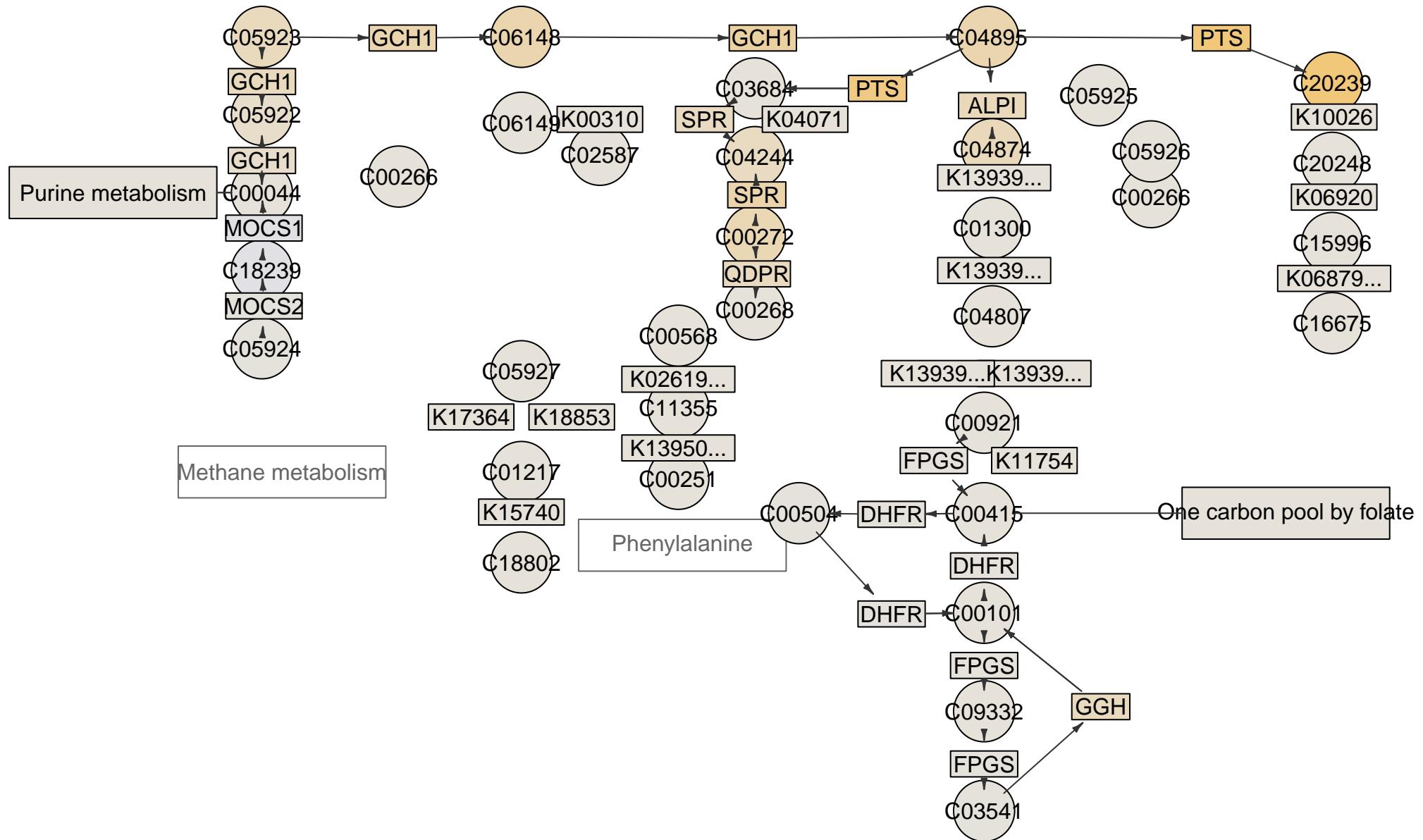
## MPI-075



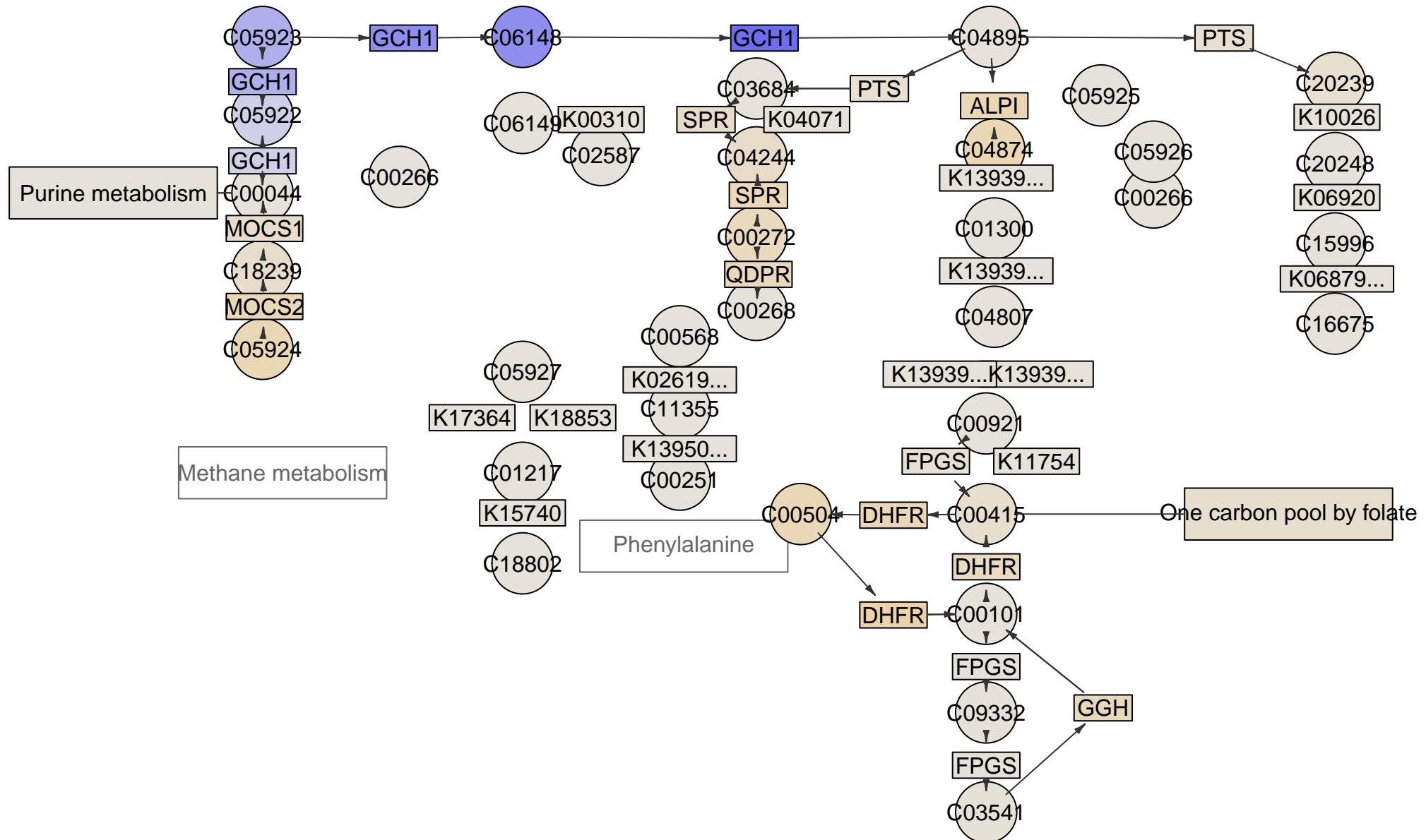
Folate biosynthesis  
MPI-077



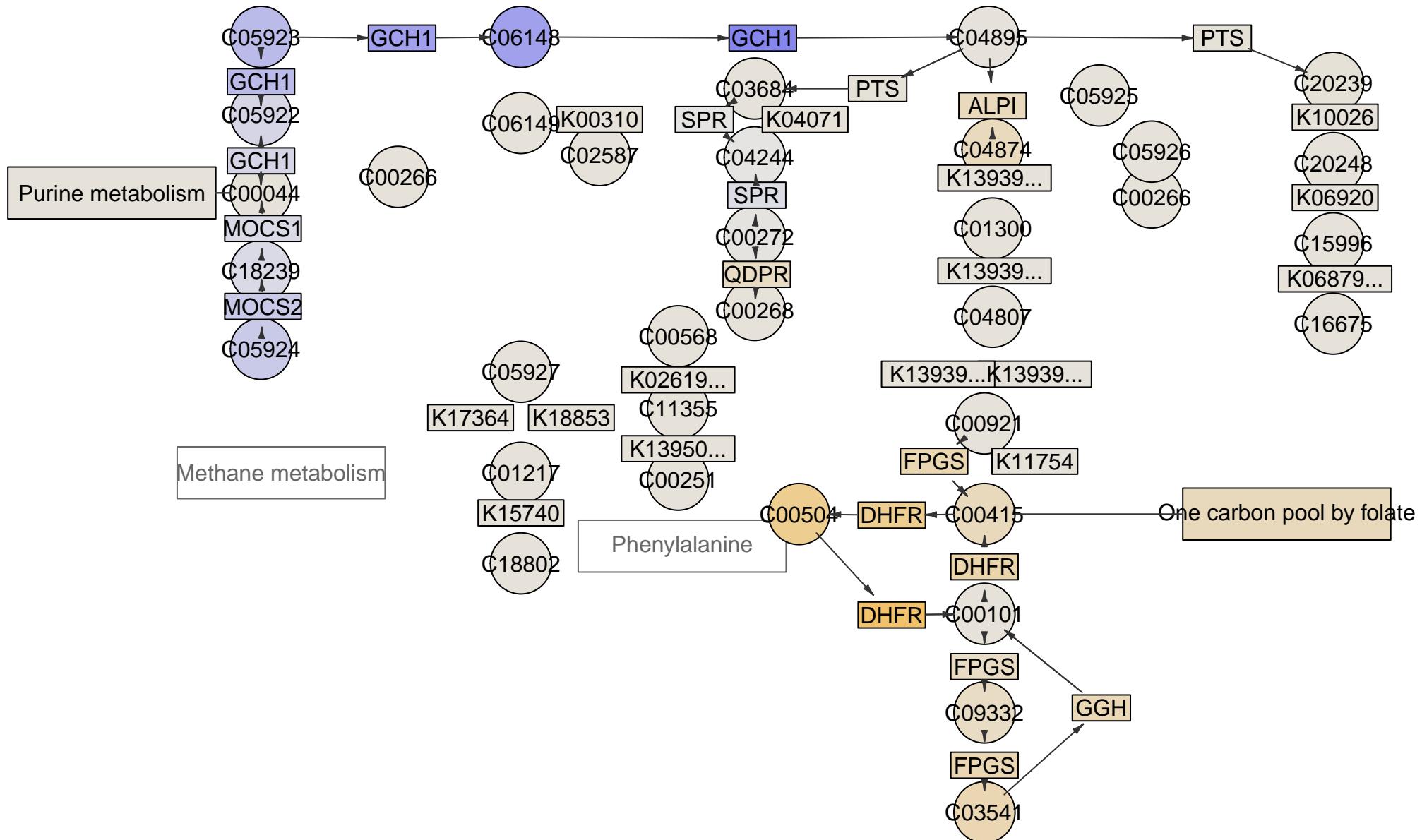
Folate biosynthesis  
MPI-078



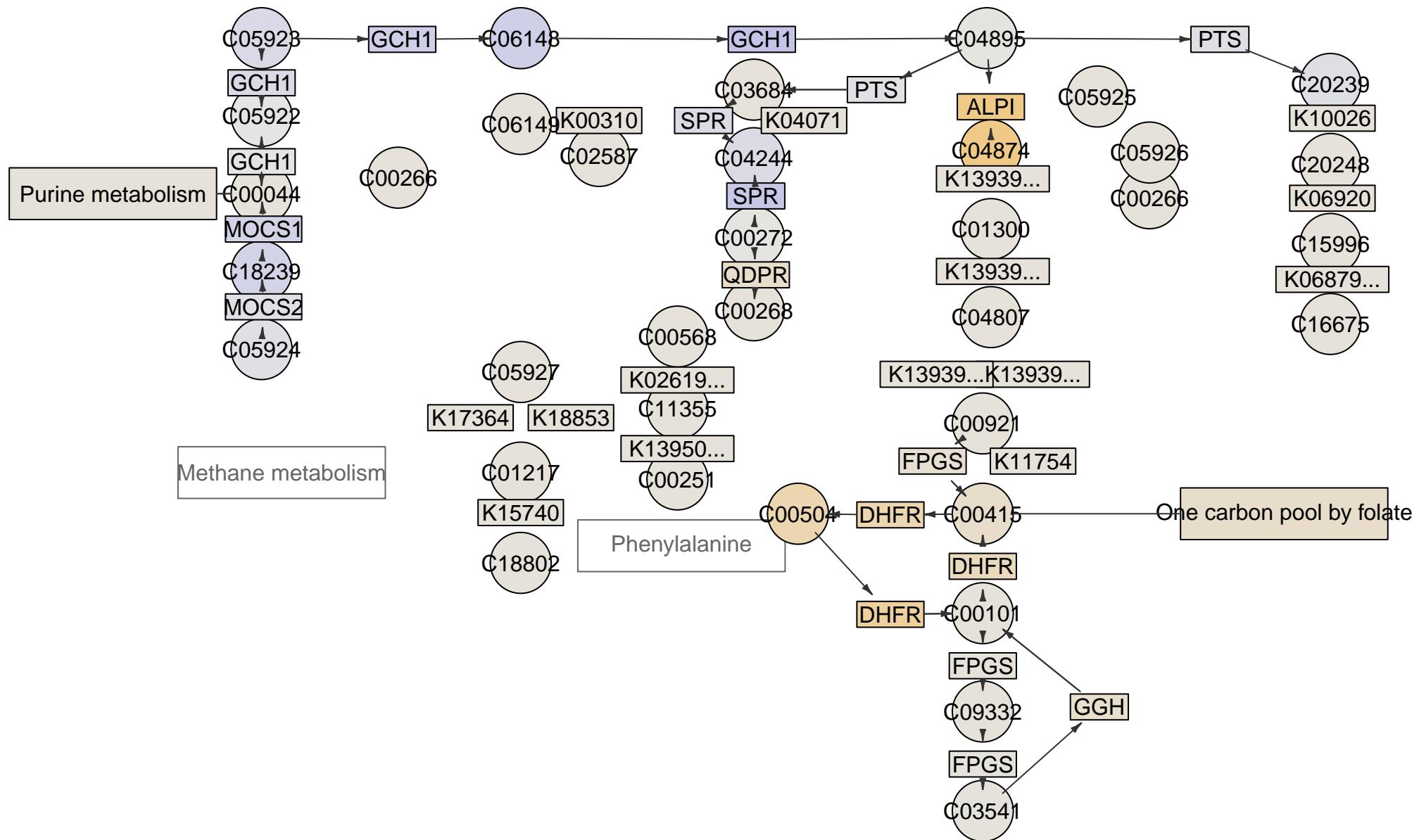
Folate biosynthesis  
MPI-079



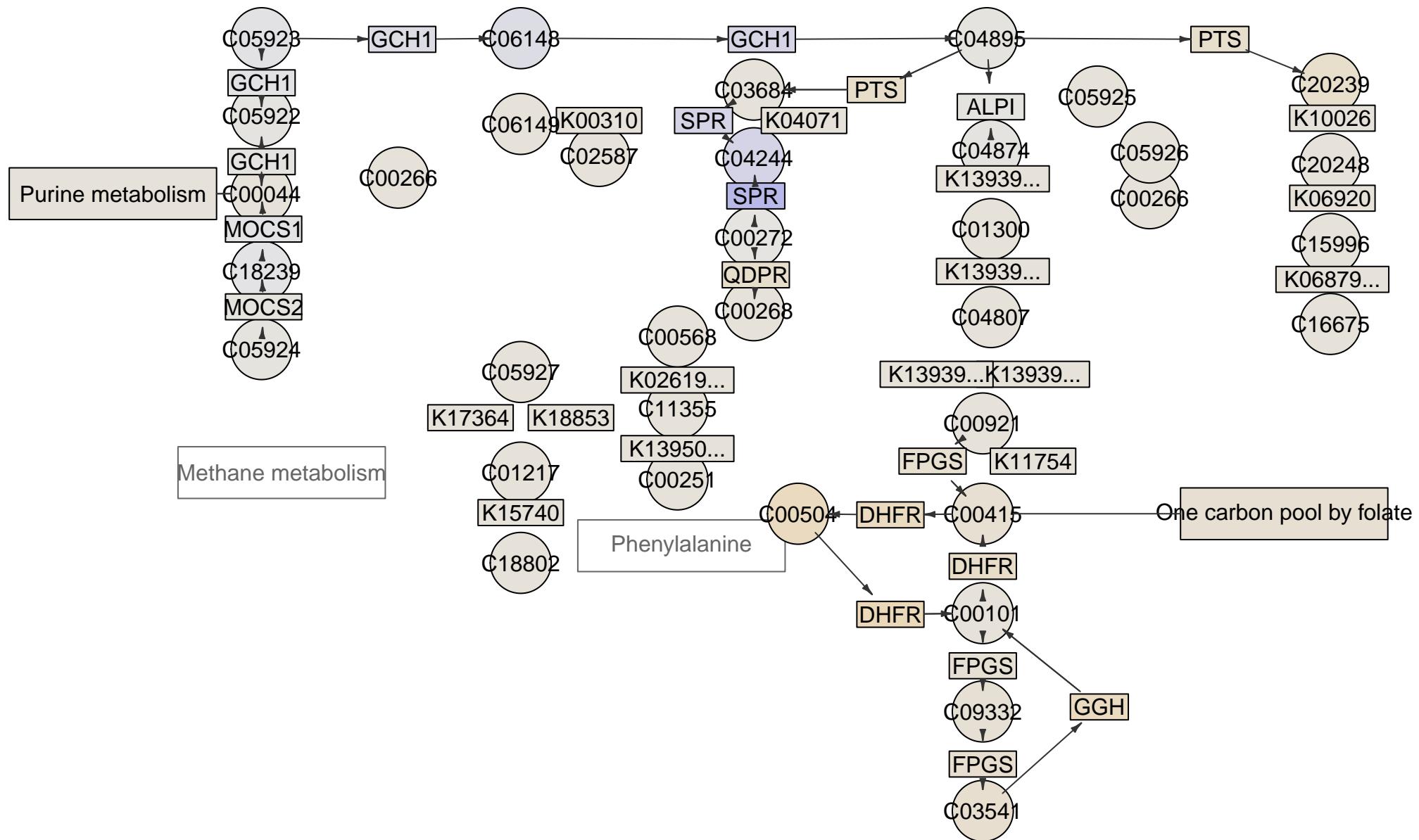
Folate biosynthesis  
MPI-080



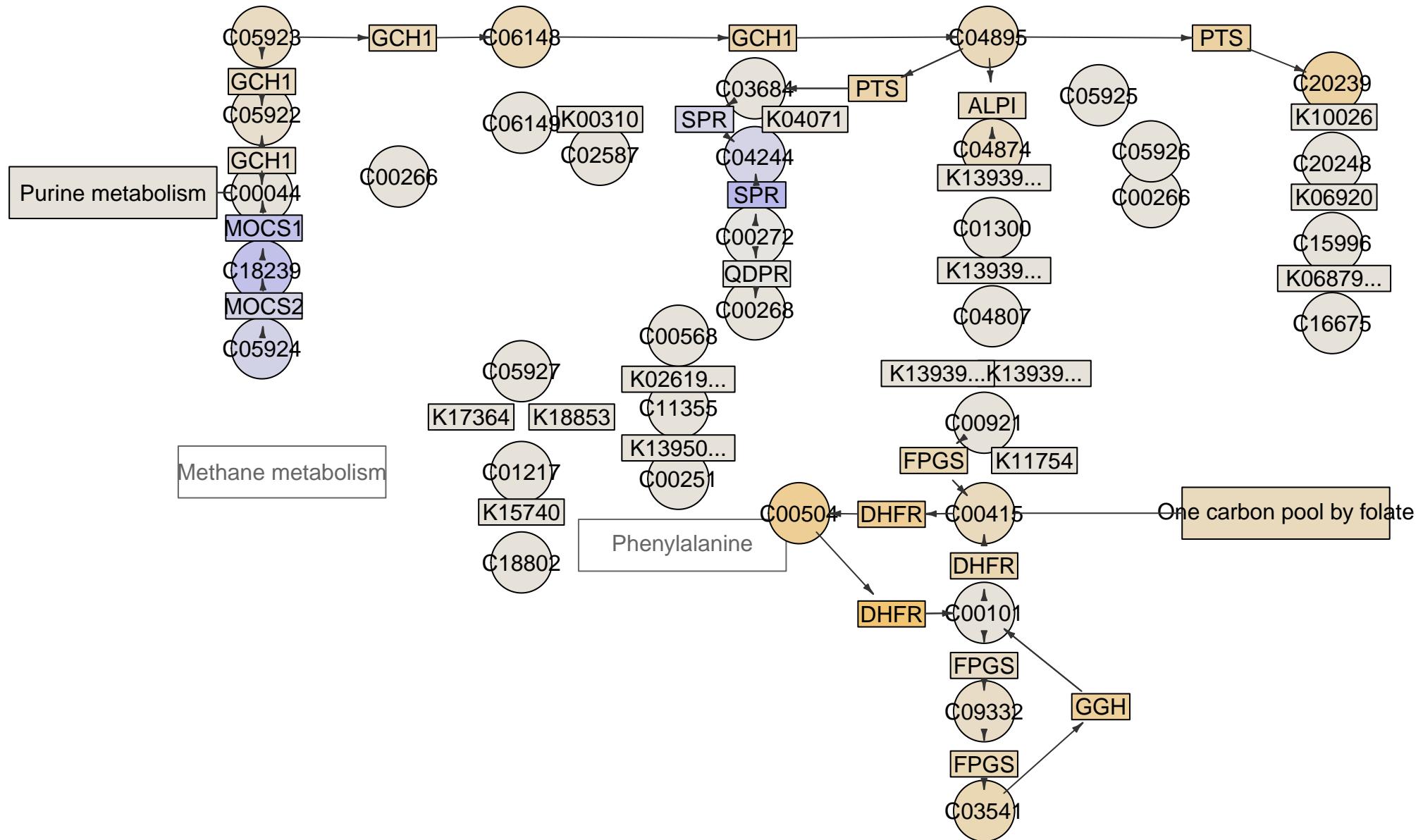
Folate biosynthesis  
MPI-081



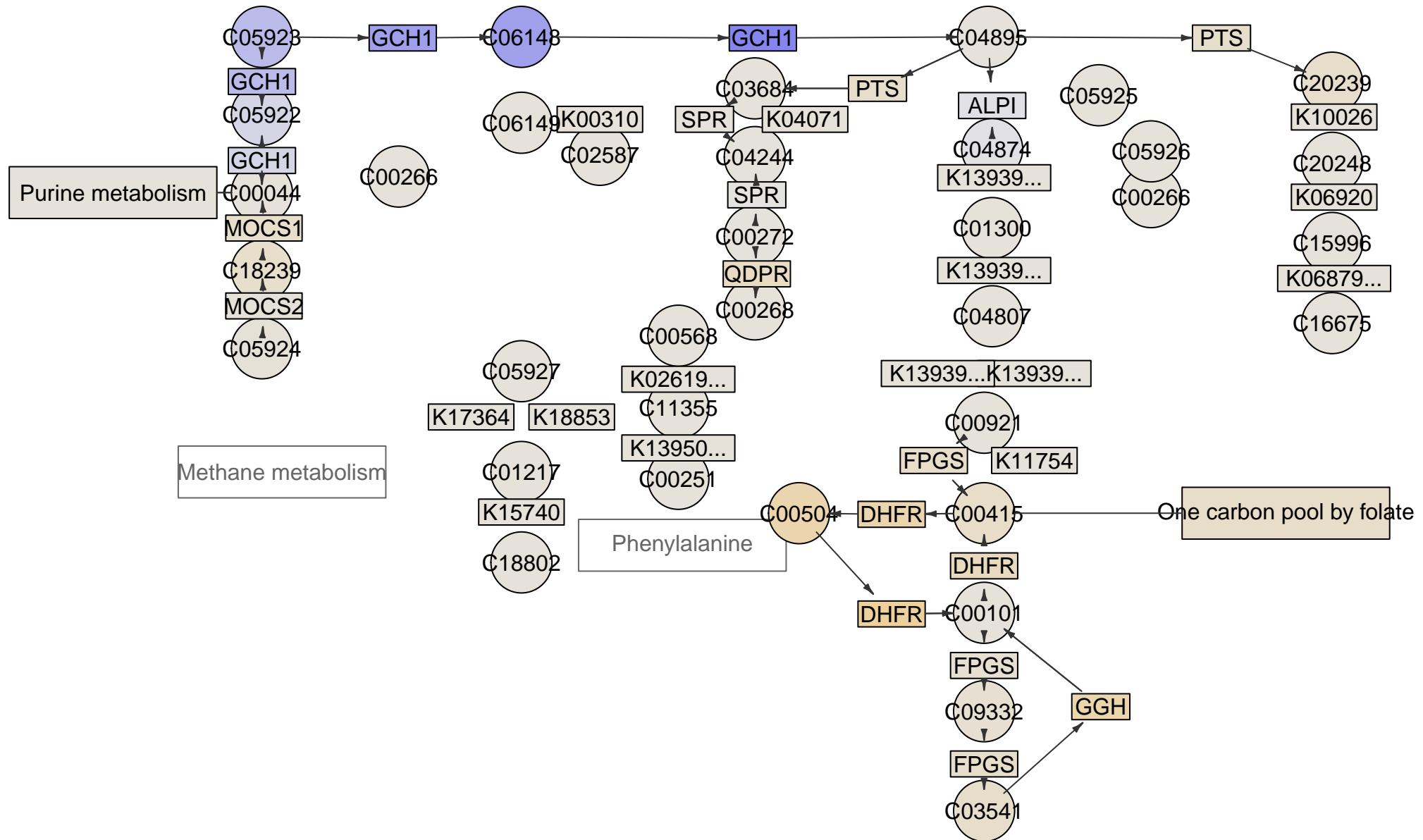
Folate biosynthesis  
MPI-082



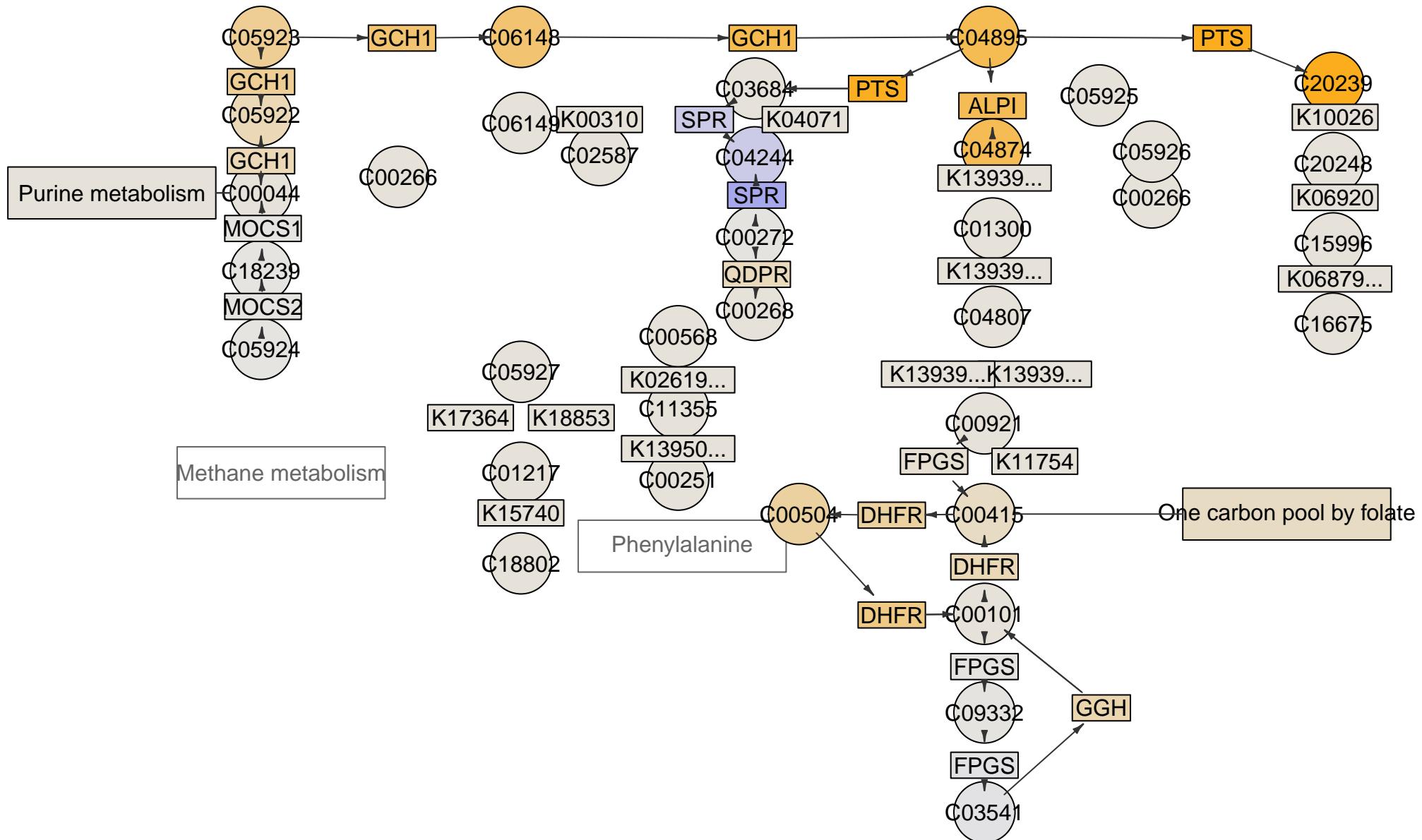
Folate biosynthesis  
MPI-084



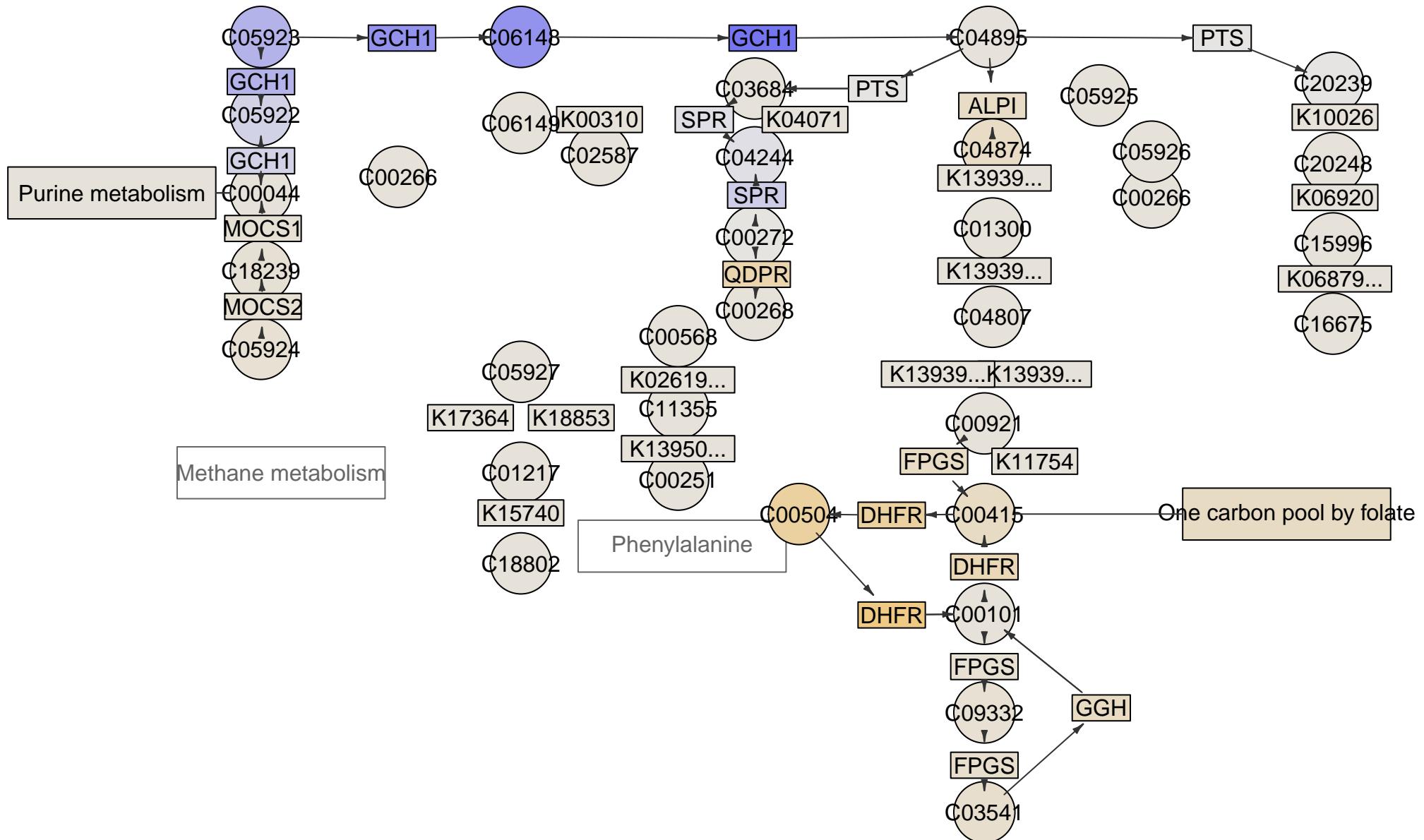
Folate biosynthesis  
MPI-085



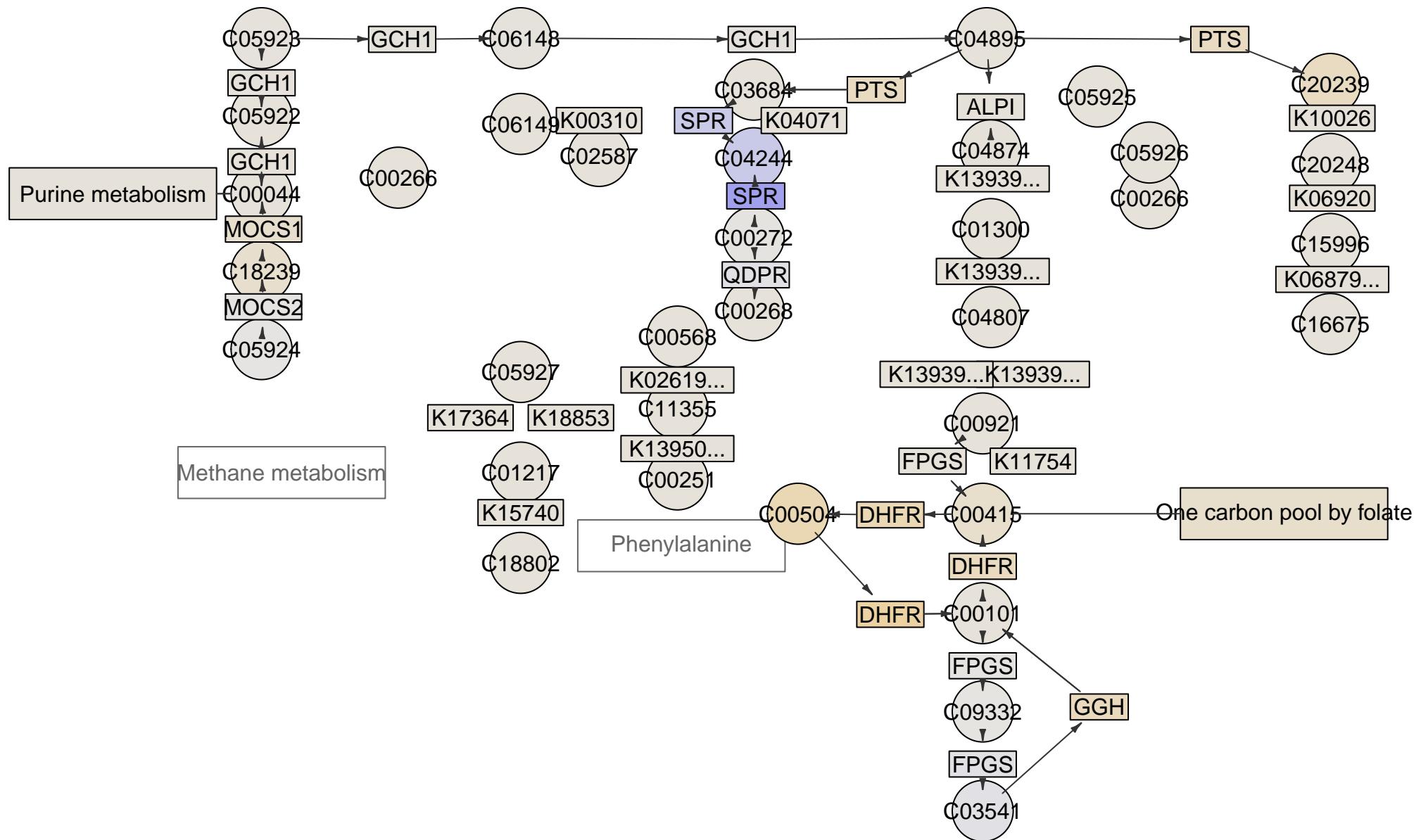
Folate biosynthesis  
MPI-086



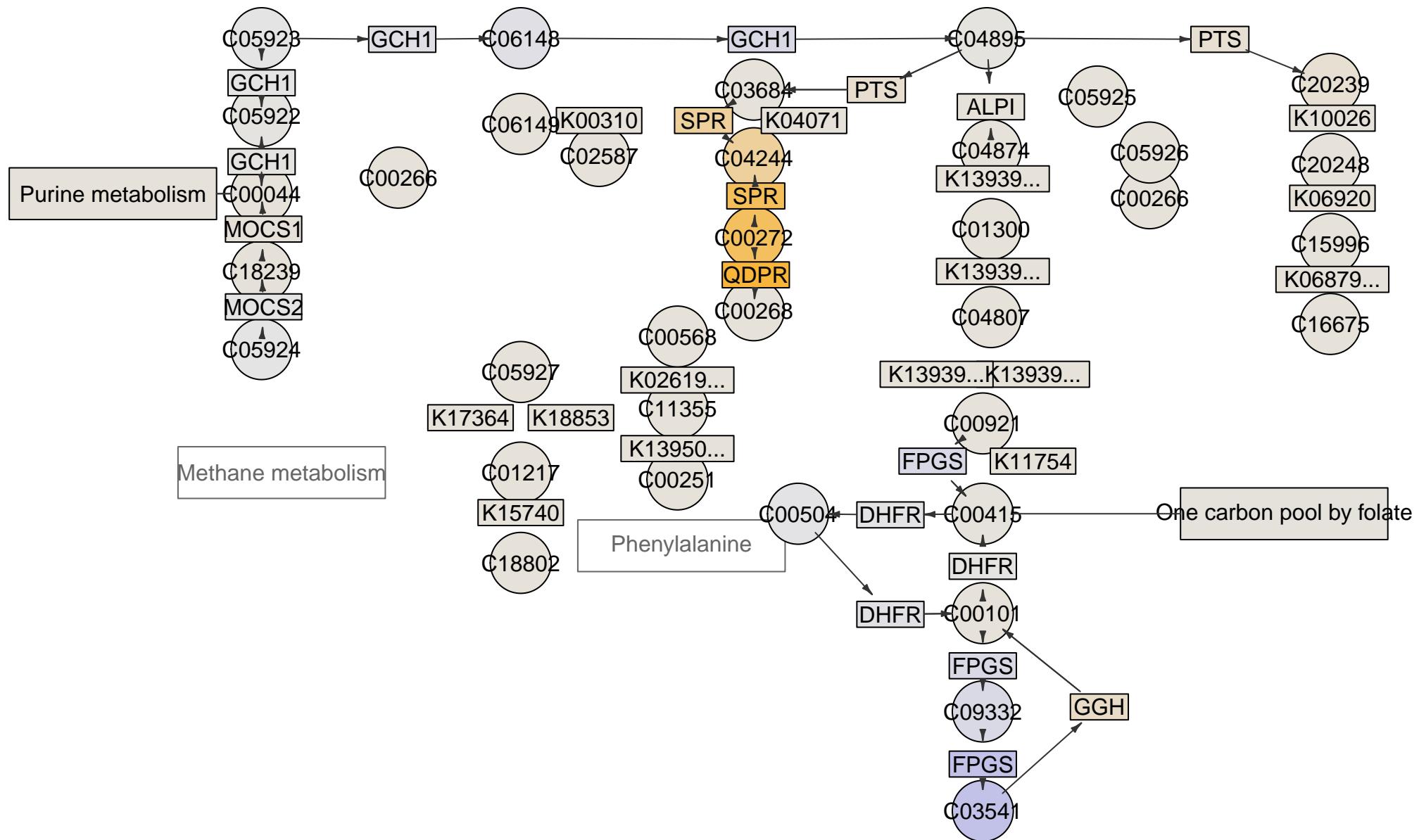
Folate biosynthesis  
MPI-087



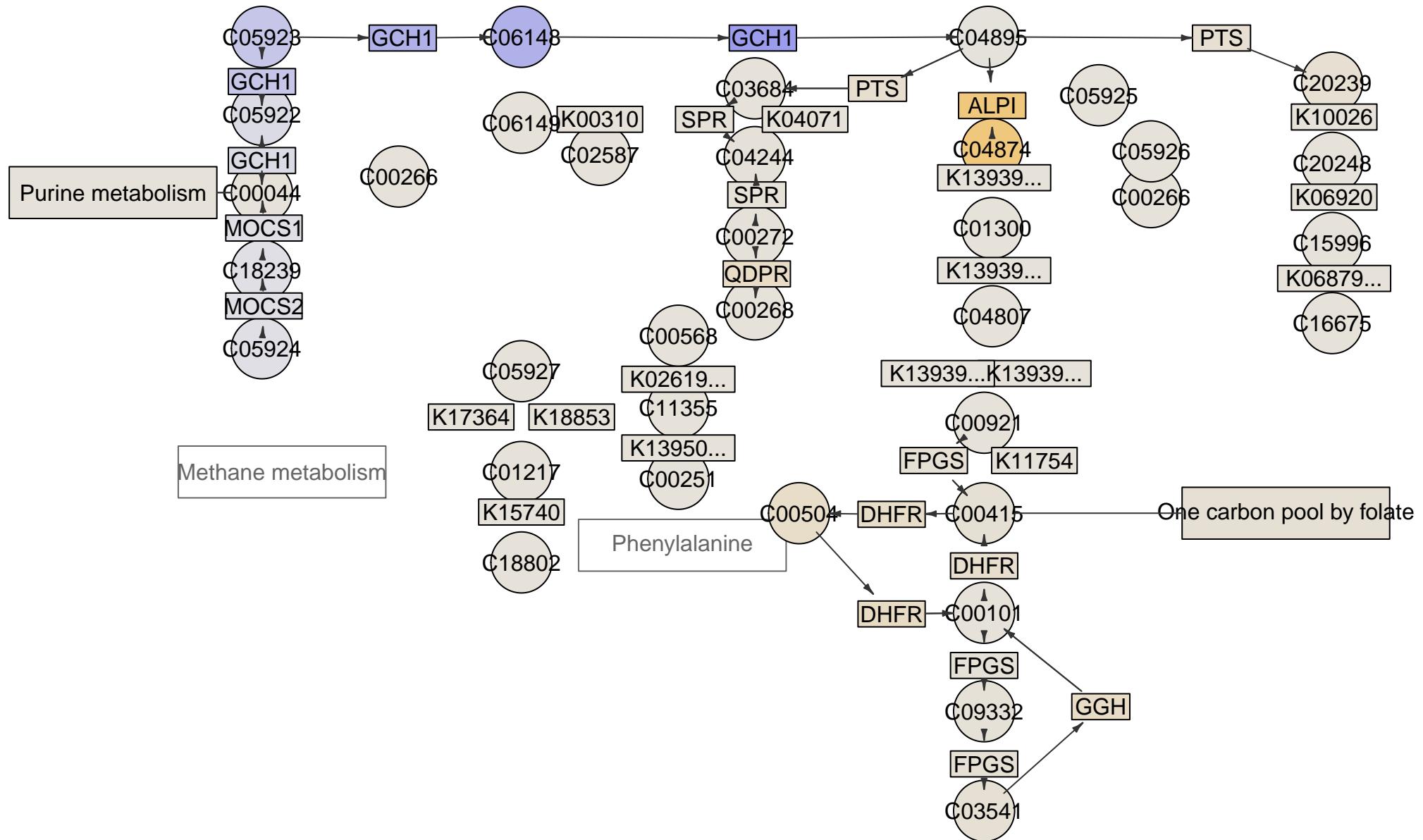
Folate biosynthesis  
MPI-089



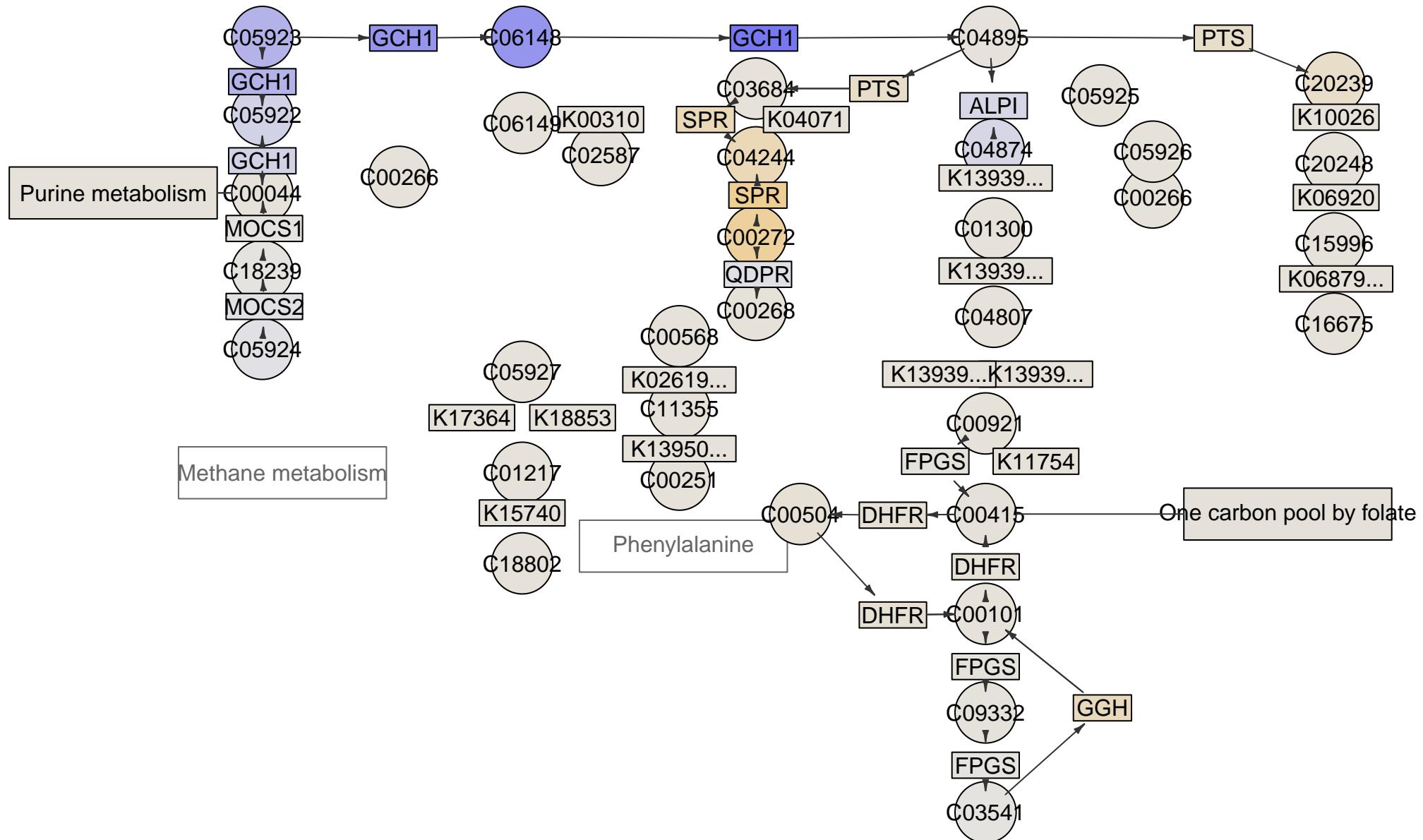
Folate biosynthesis  
MPI-090



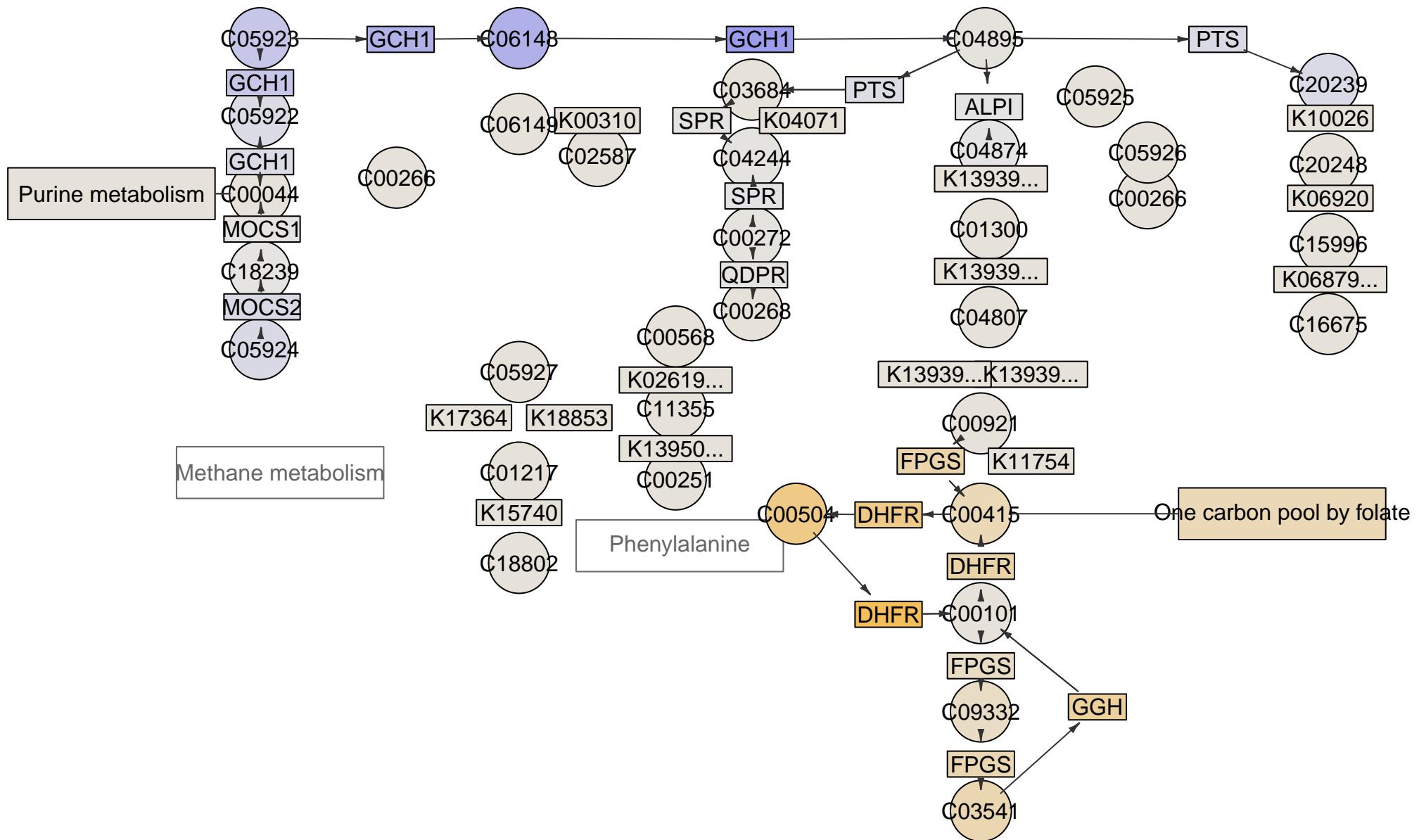
Folate biosynthesis  
MPI-091



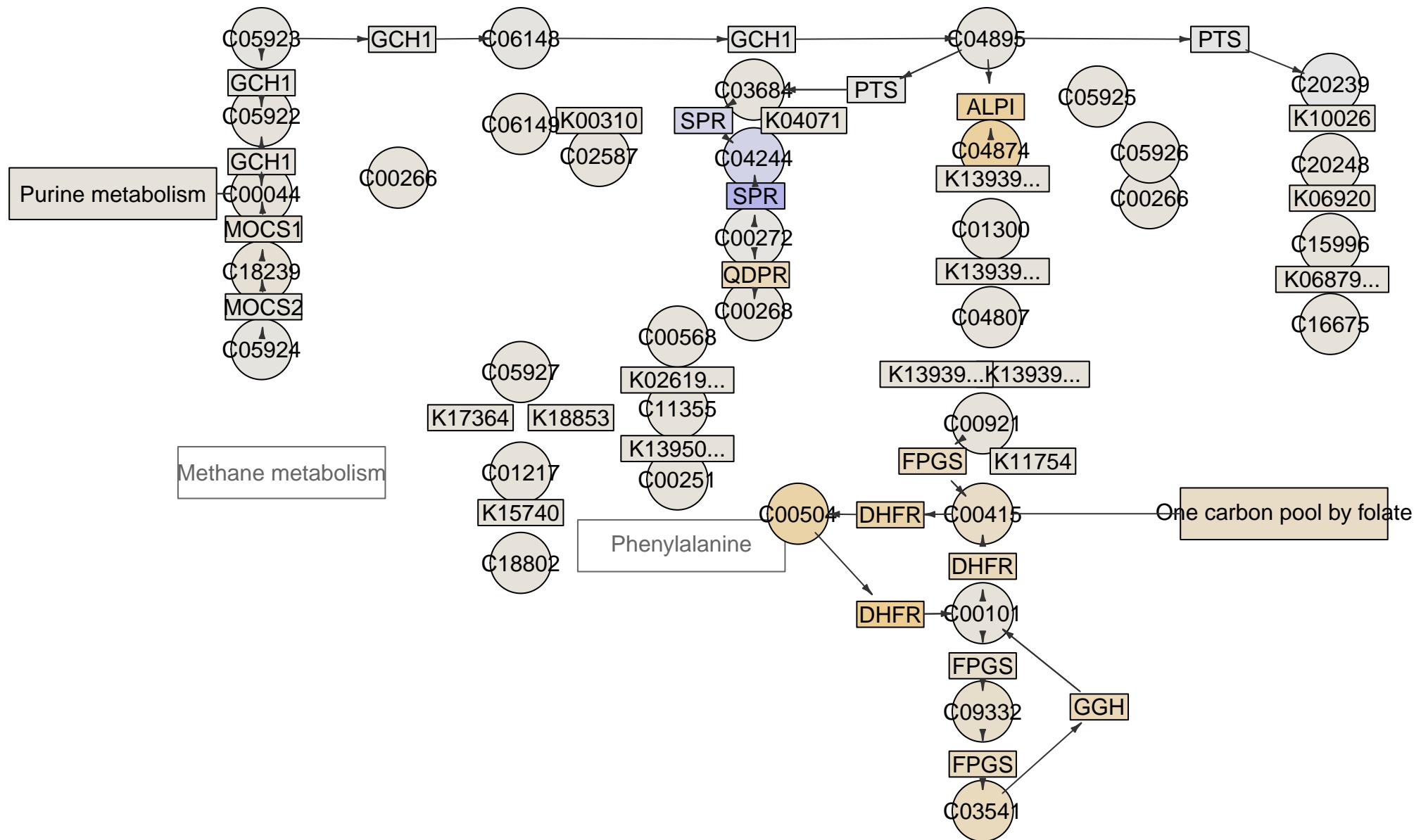
Folate biosynthesis  
MPI-095



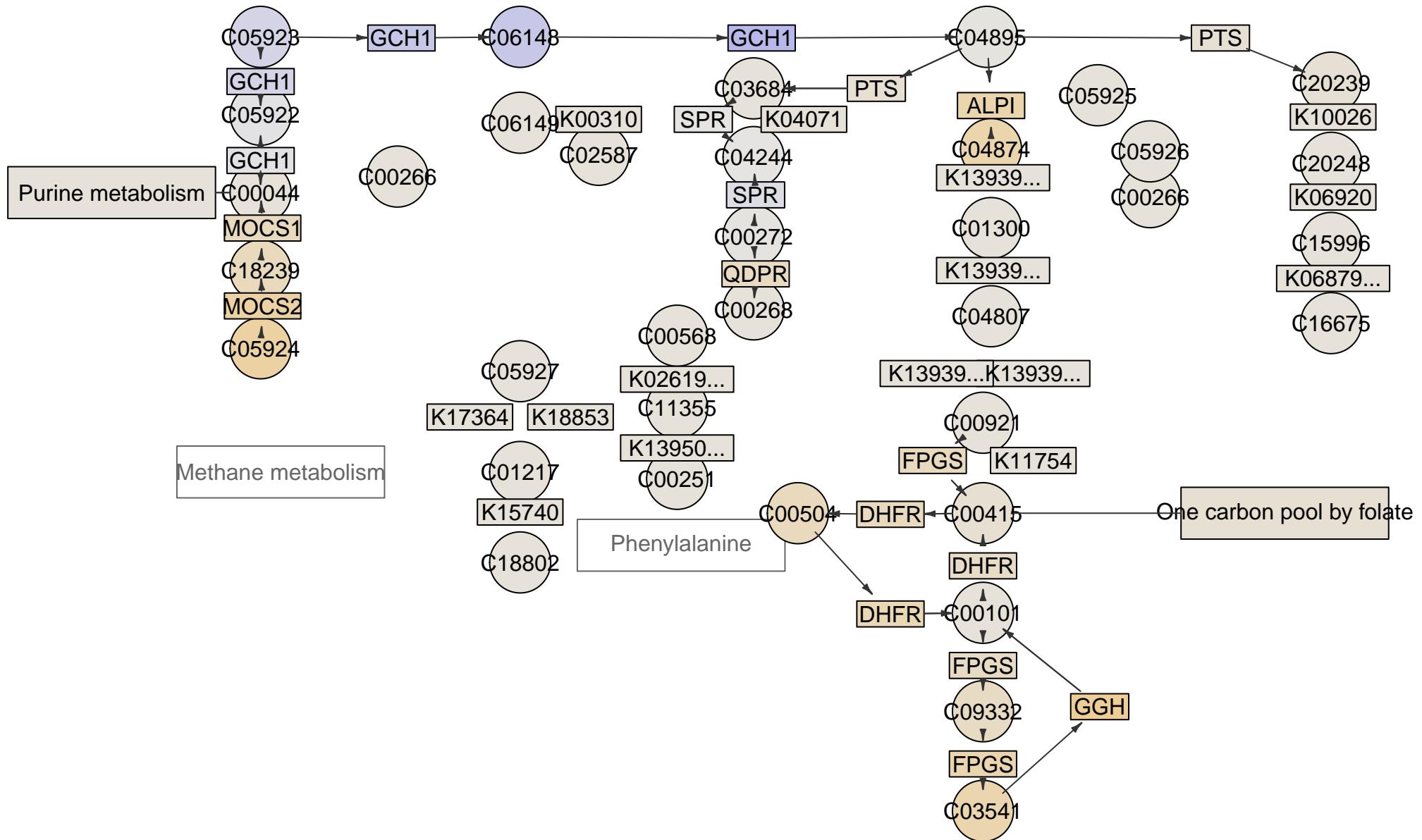
Folate biosynthesis  
MPI-101



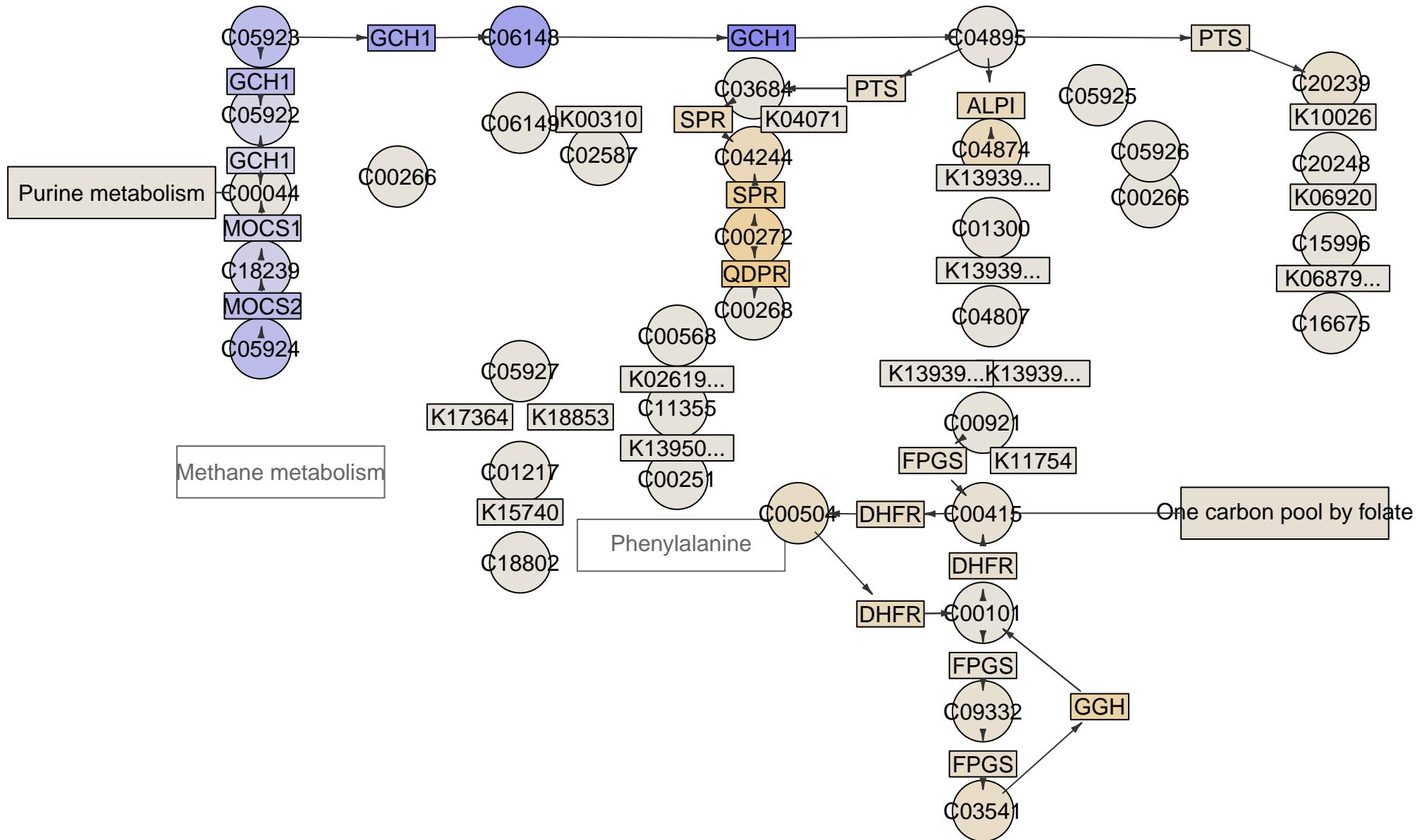
Folate biosynthesis  
MPI-114



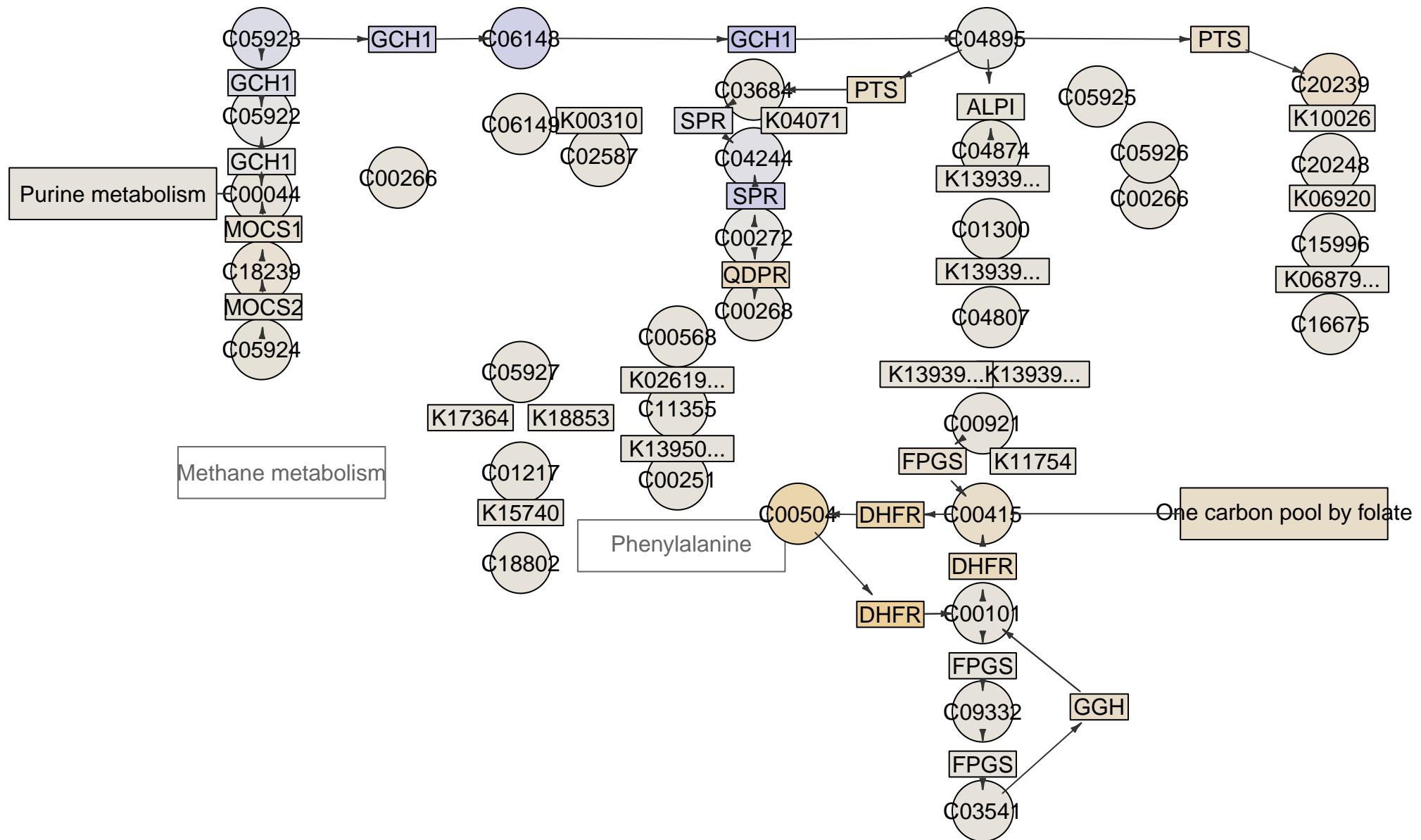
Folate biosynthesis  
MPI-123



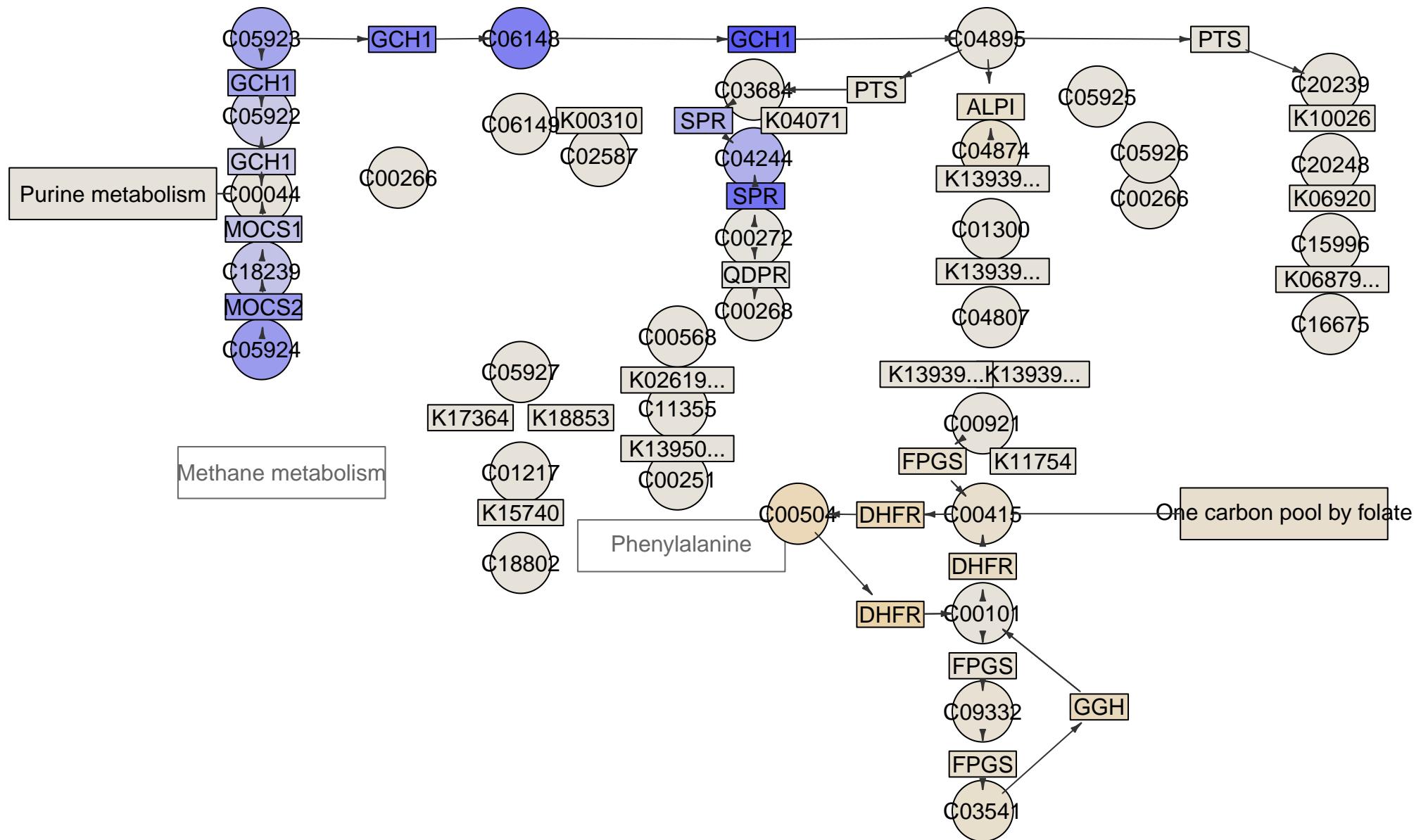
Folate biosynthesis  
MPI-138



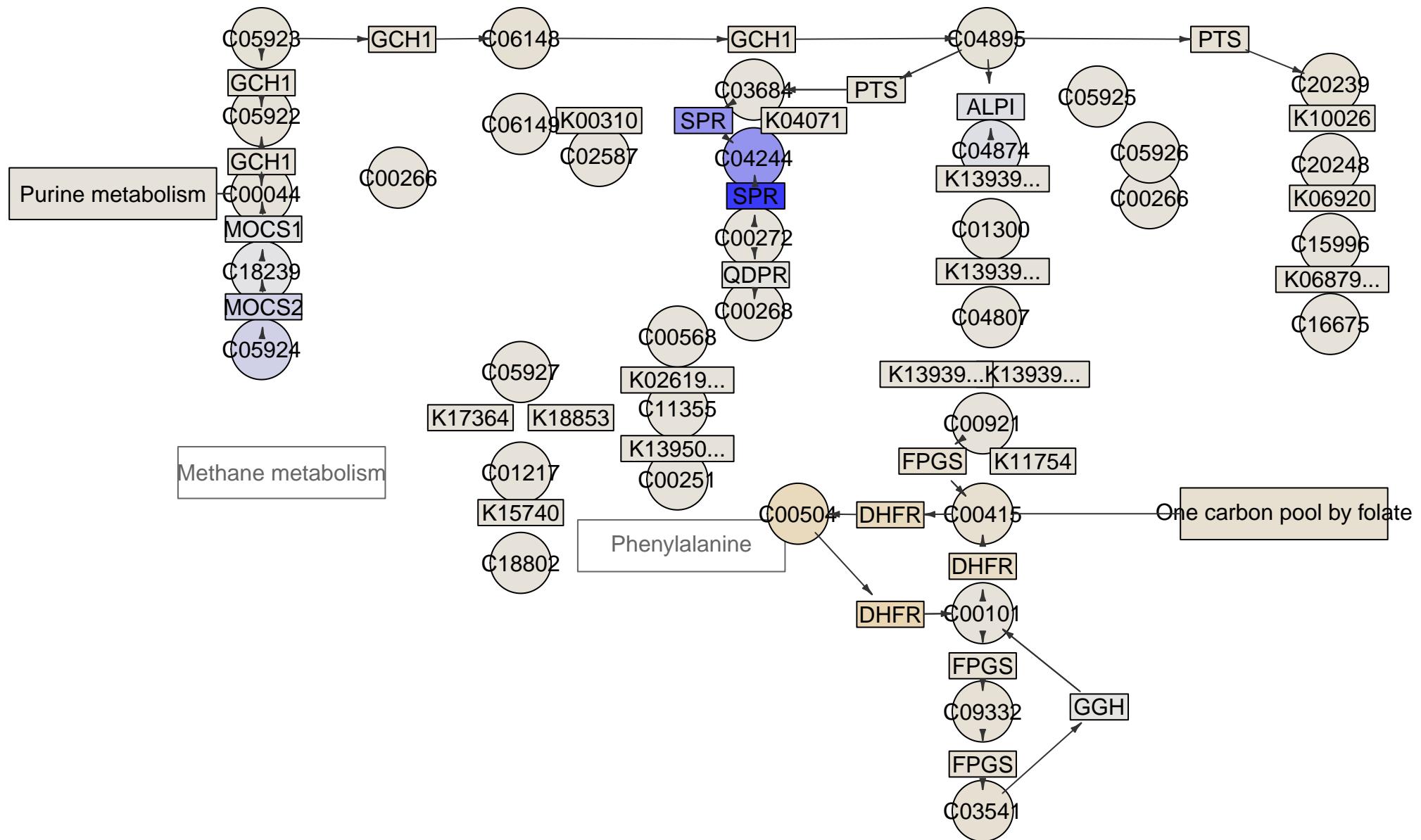
Folate biosynthesis  
MPI-139



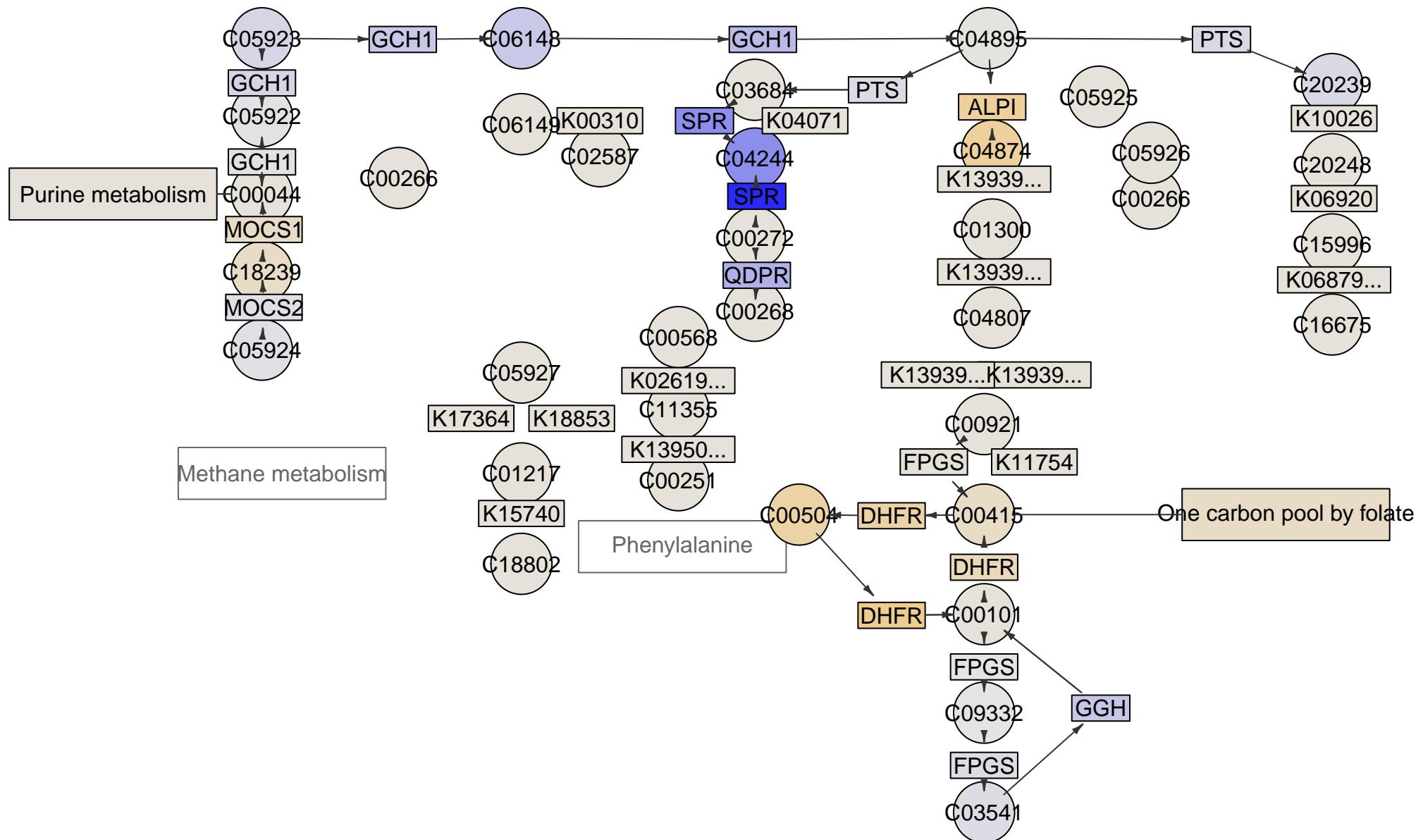
Folate biosynthesis  
MPI-140



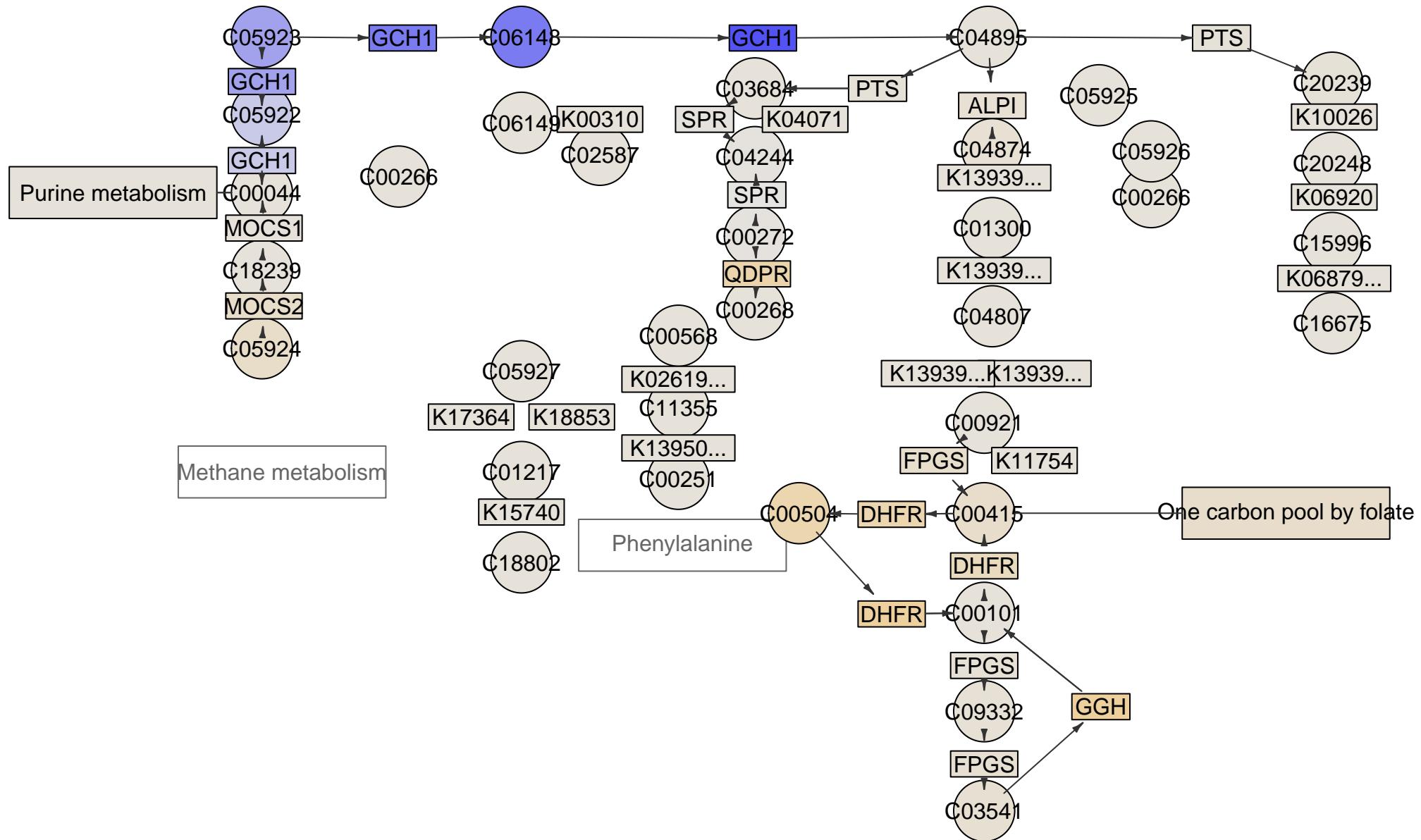
Folate biosynthesis  
MPI-144



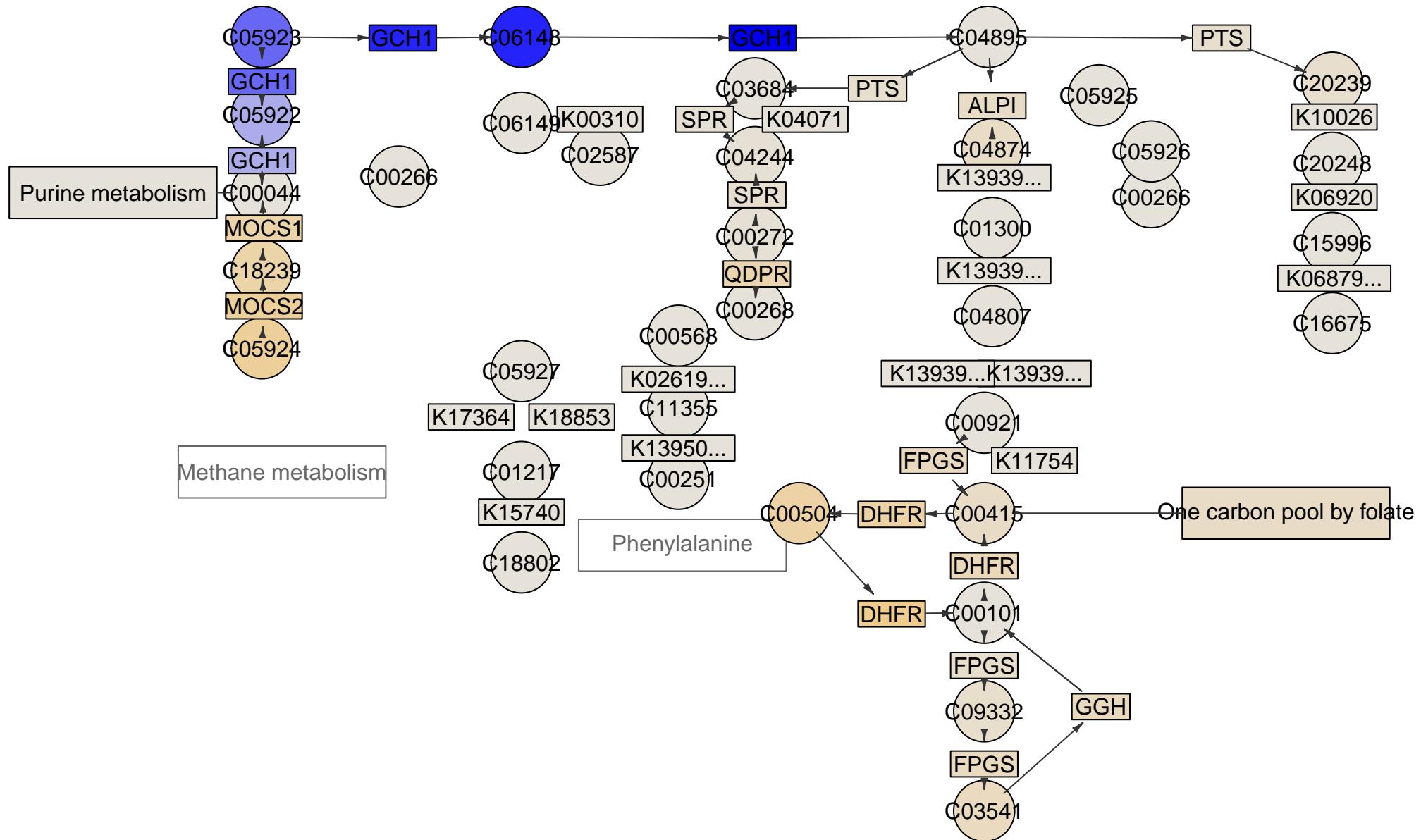
Folate biosynthesis  
MPI-147



Folate biosynthesis  
MPI-171

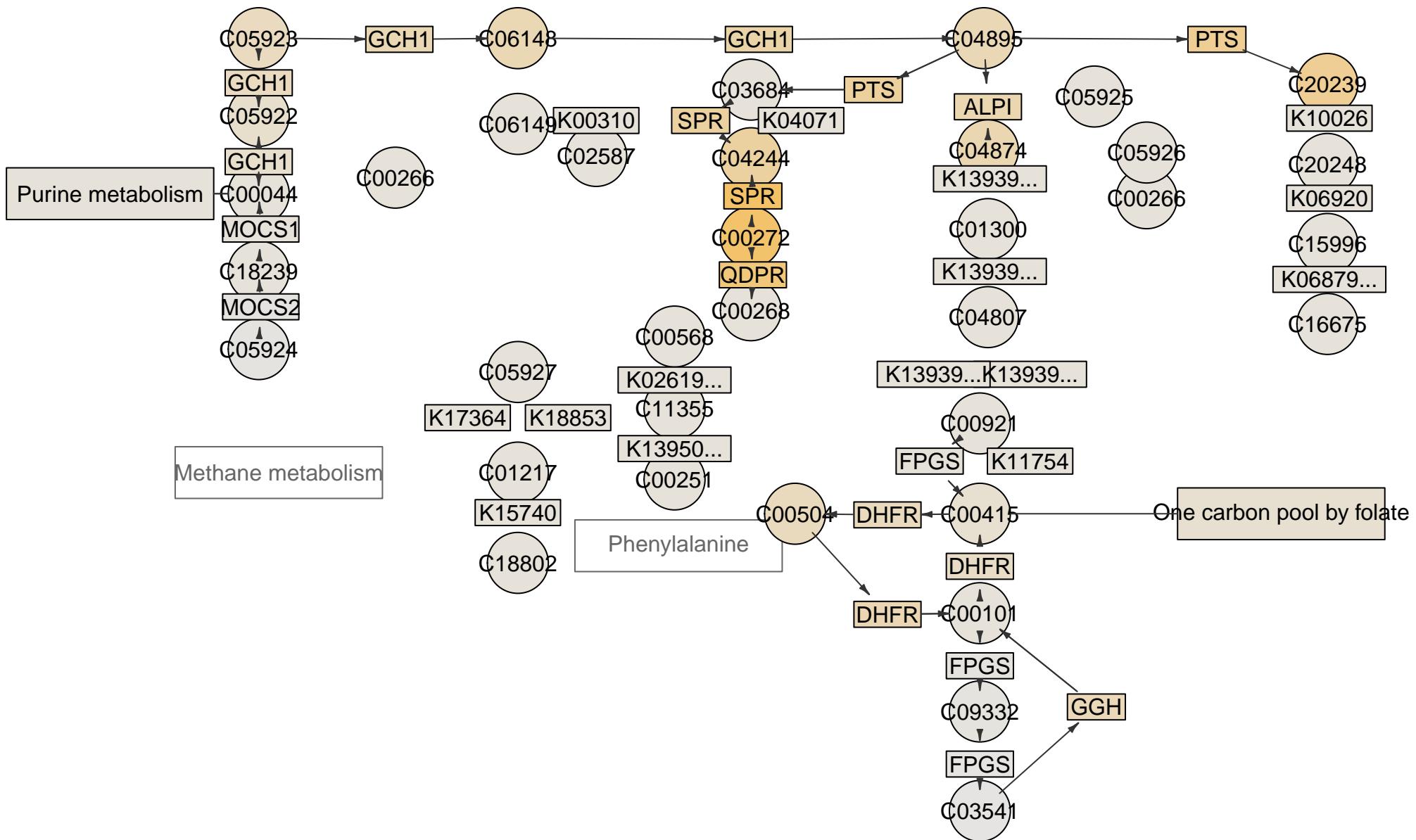


Folate biosynthesis  
MPI-172

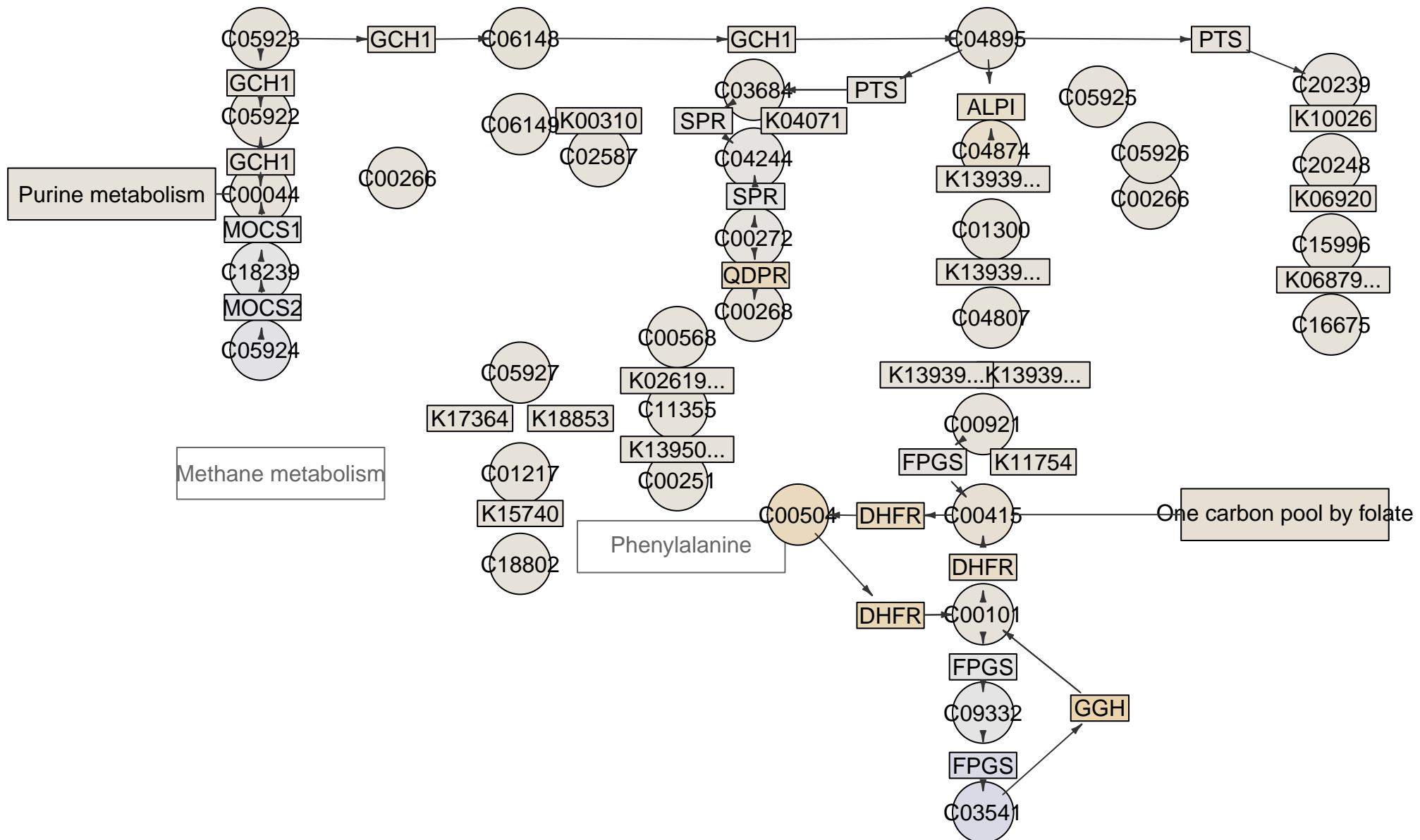


# Folate biosynthesis

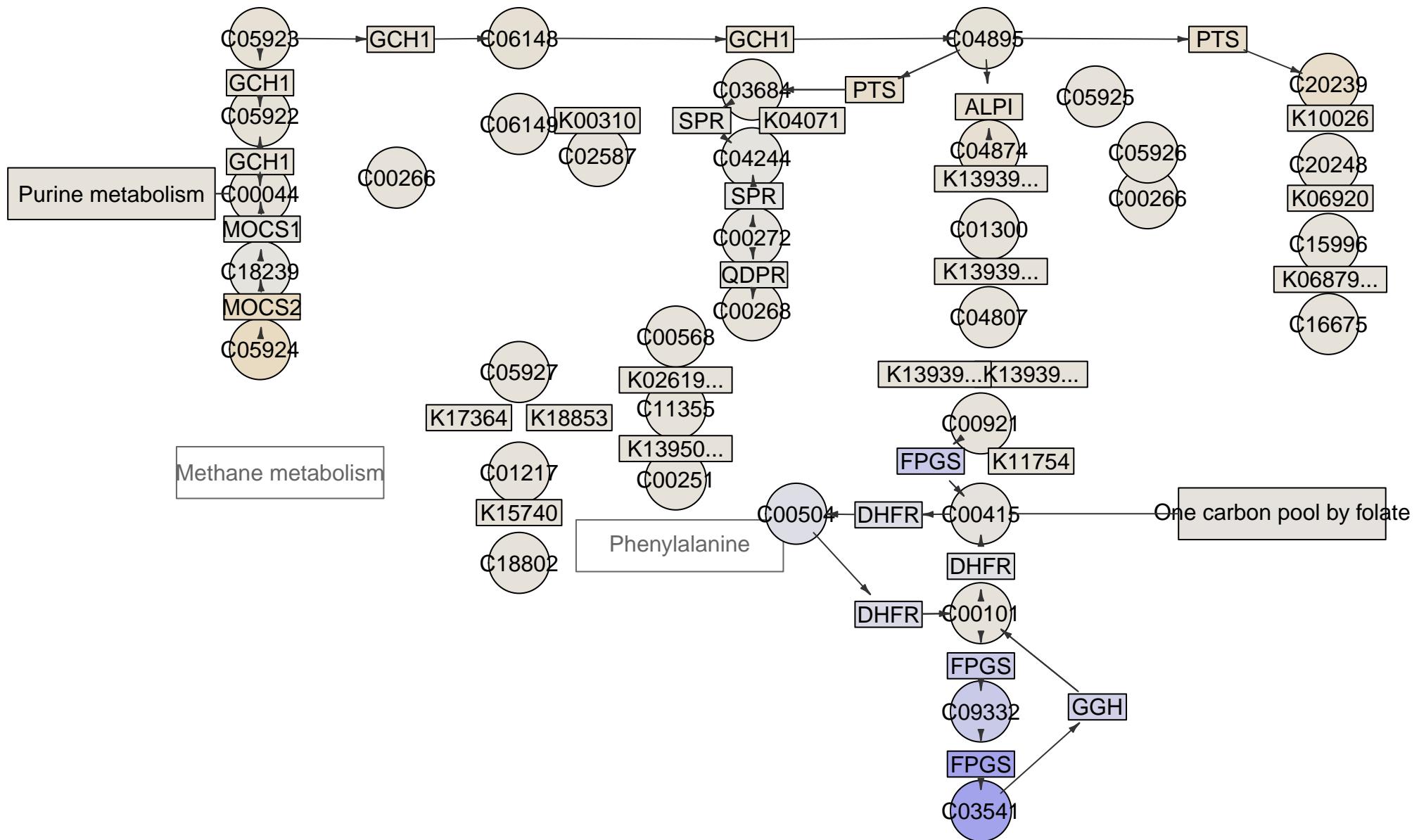
## MPI–007



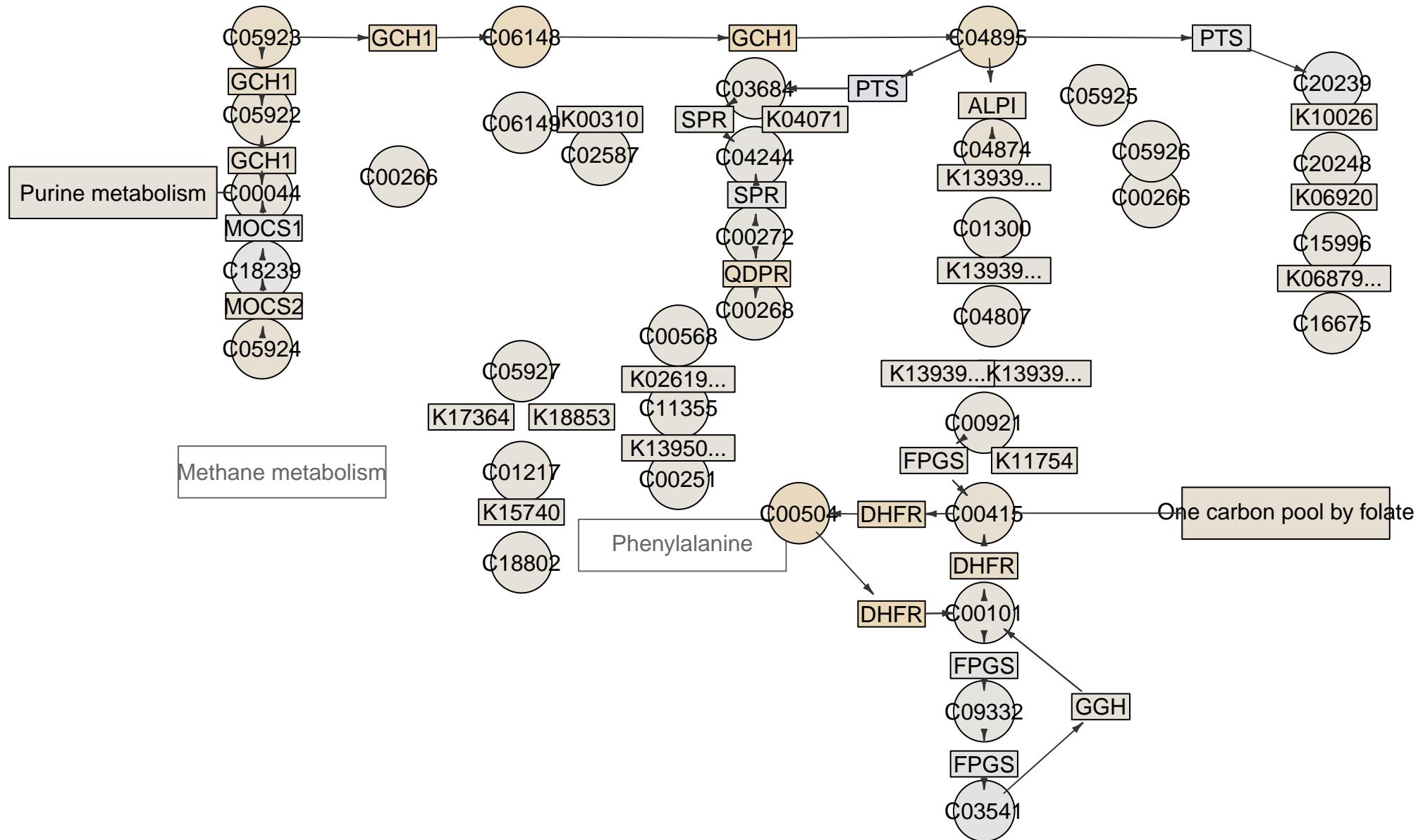
Folate biosynthesis  
MPI-011



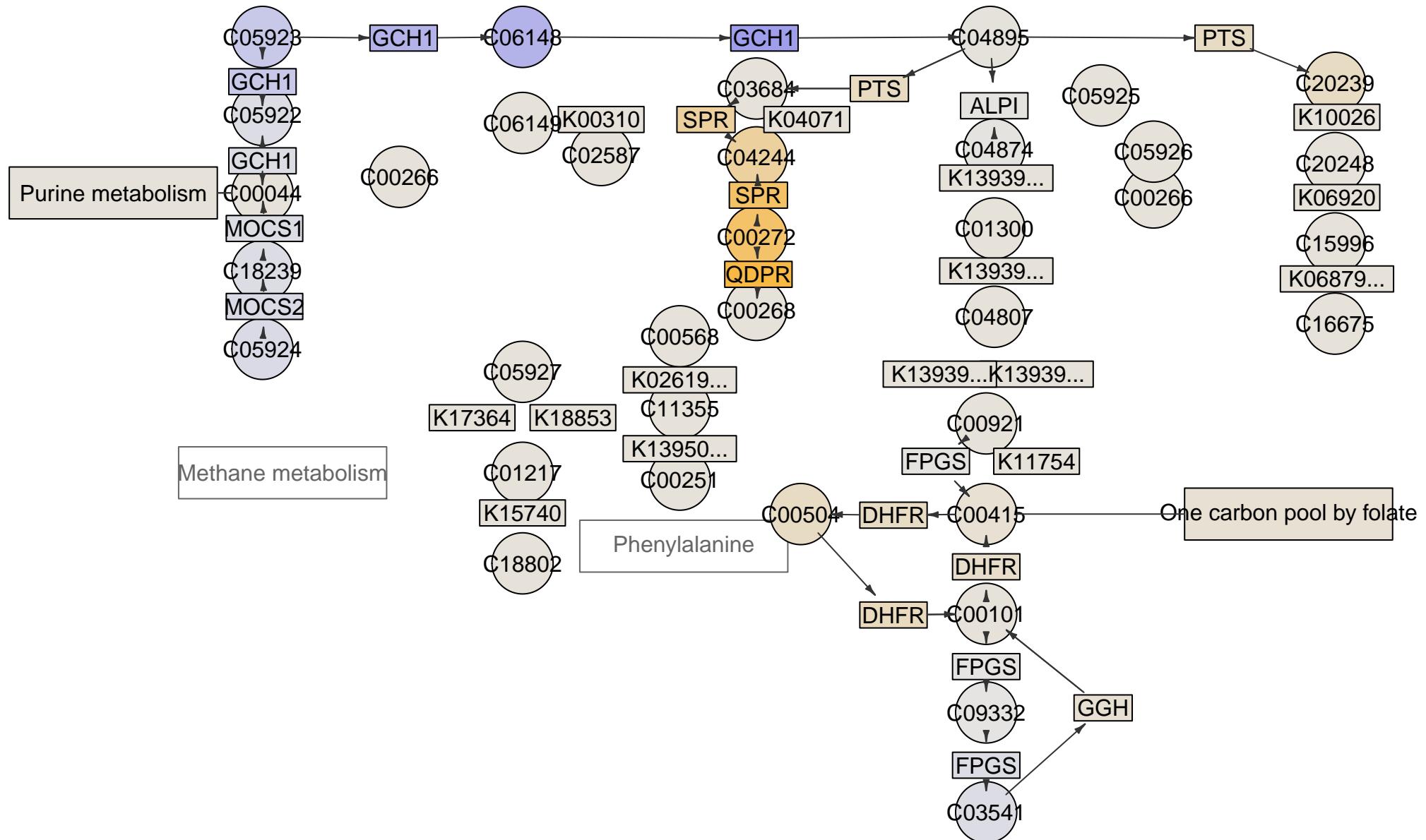
Folate biosynthesis  
MPI-024



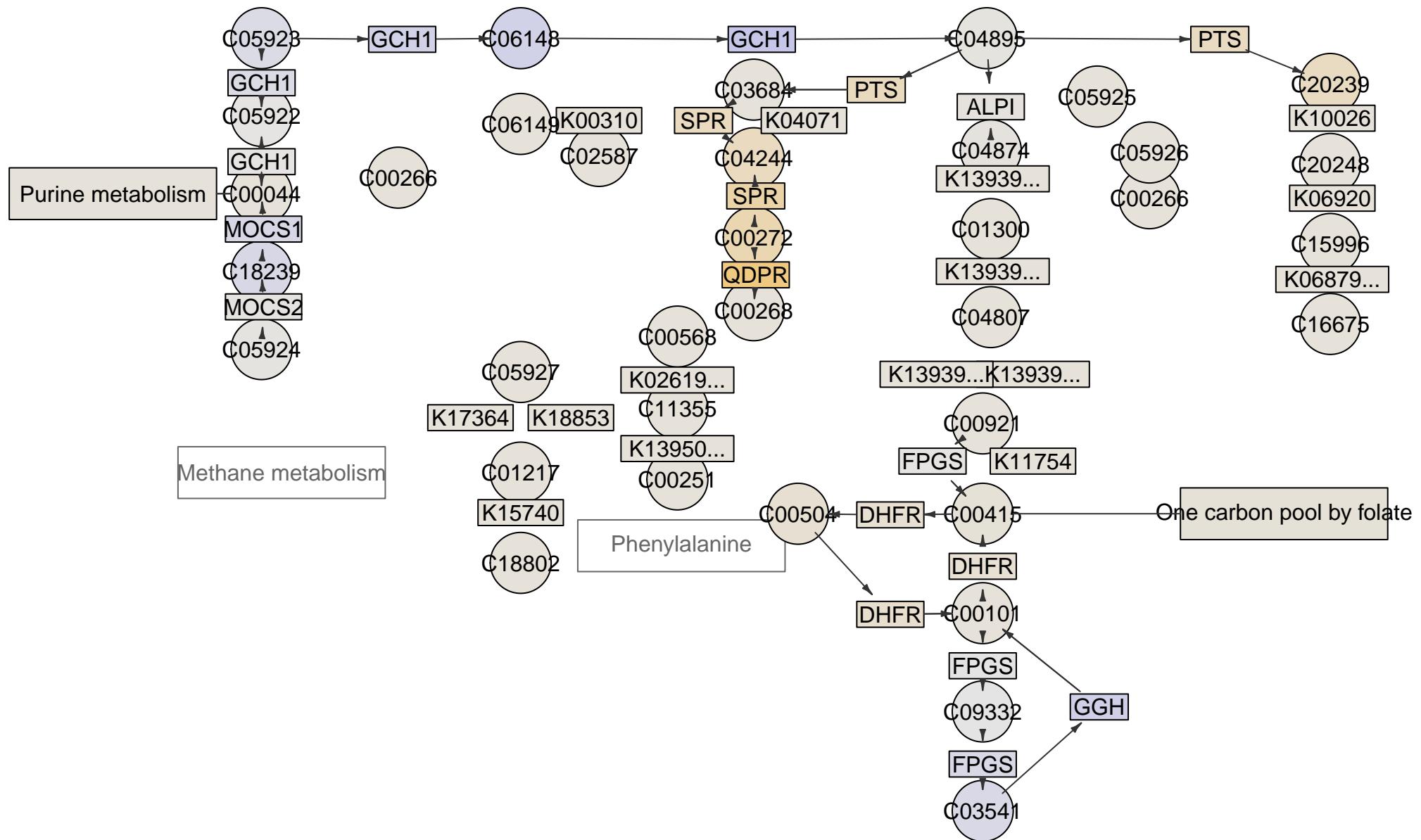
Folate biosynthesis  
MPI-026



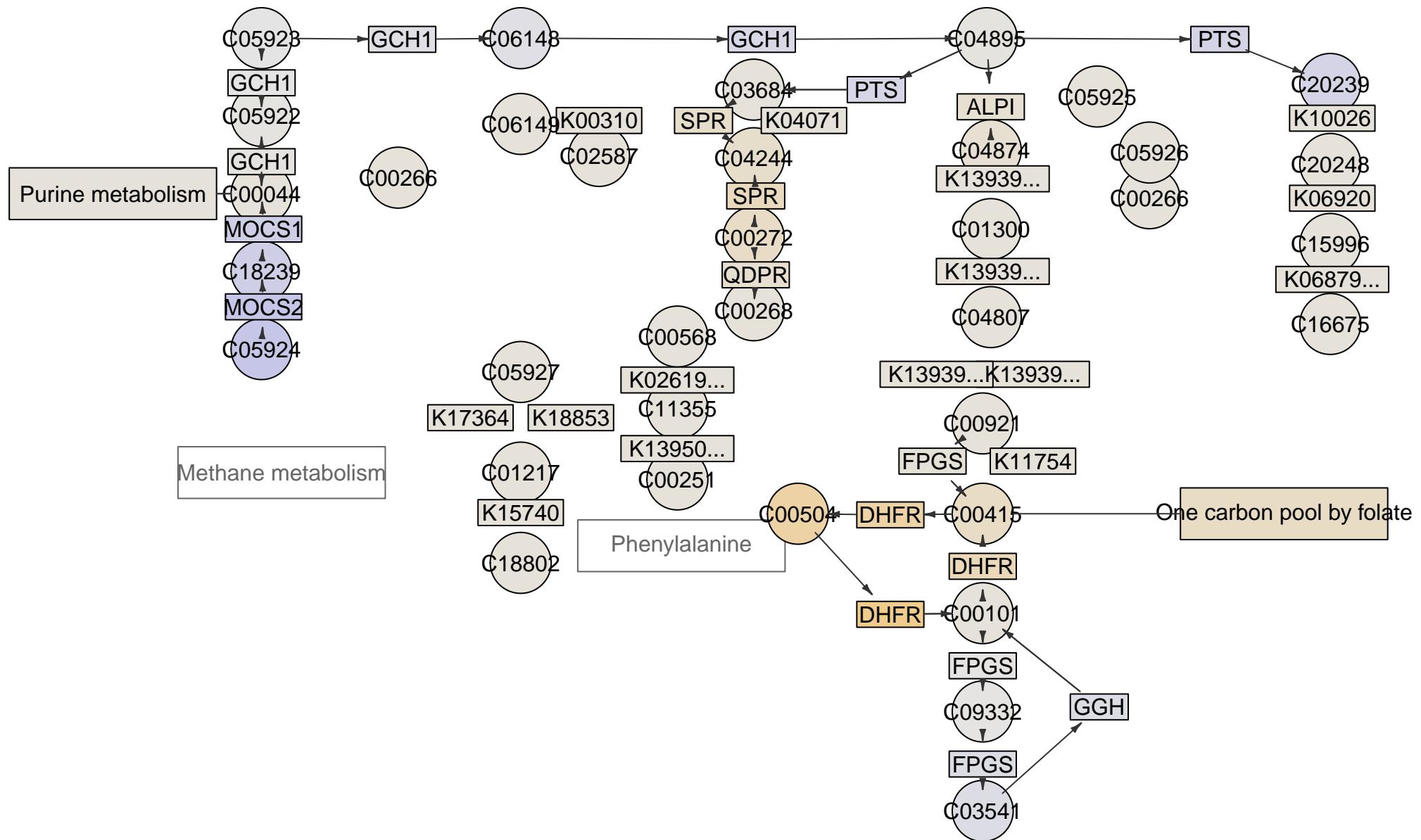
Folate biosynthesis  
MPI-036



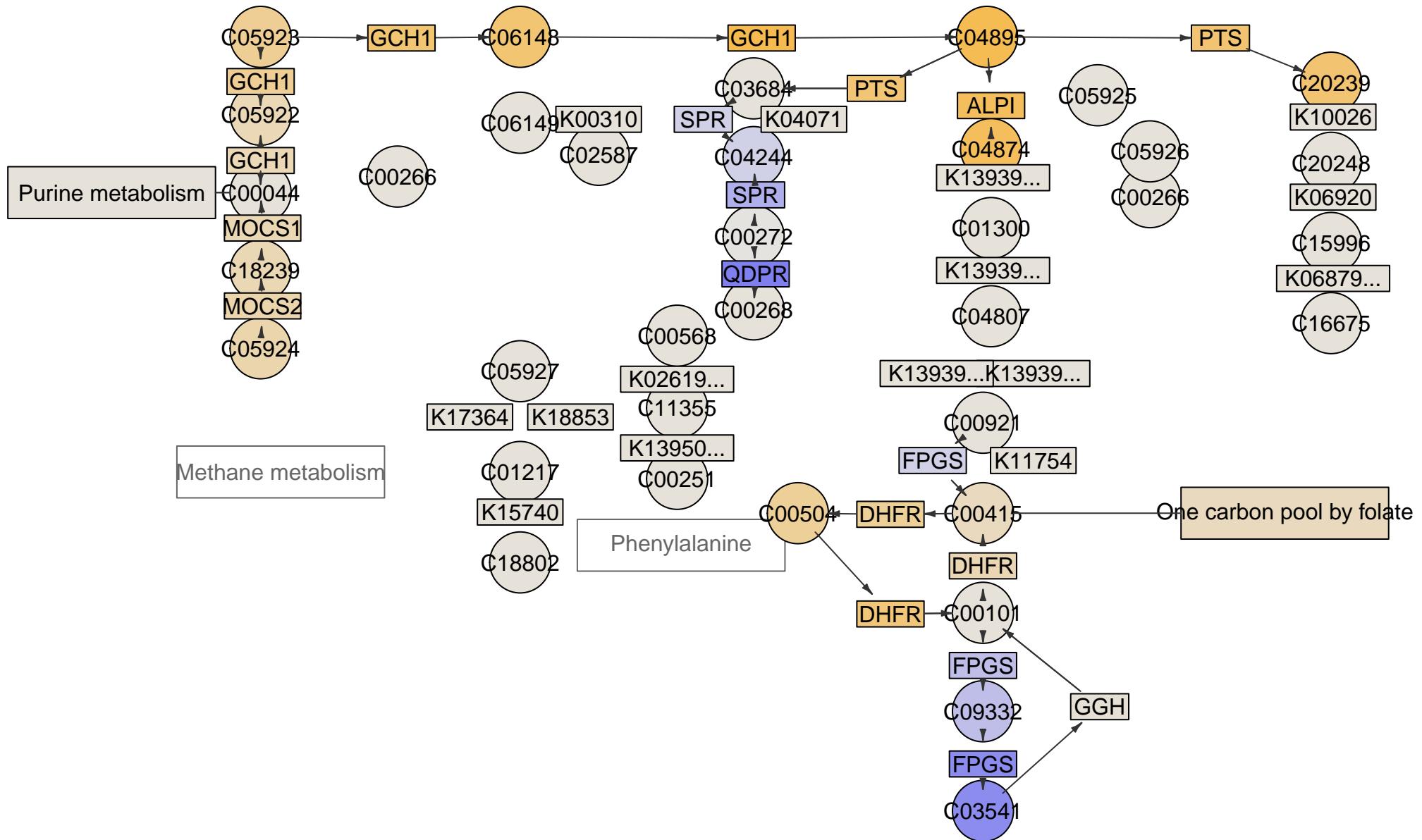
Folate biosynthesis  
MPI-037



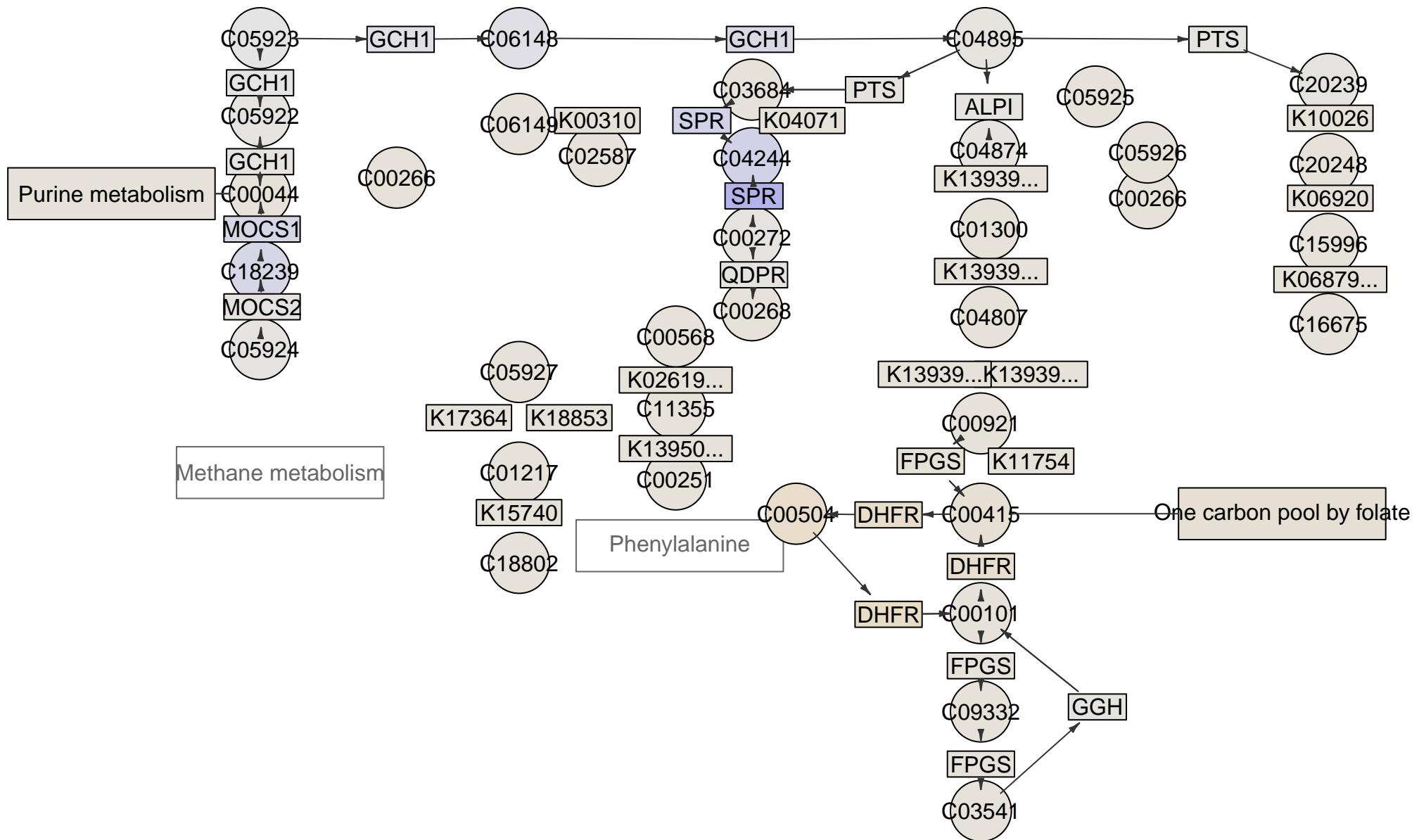
Folate biosynthesis  
MPI-038



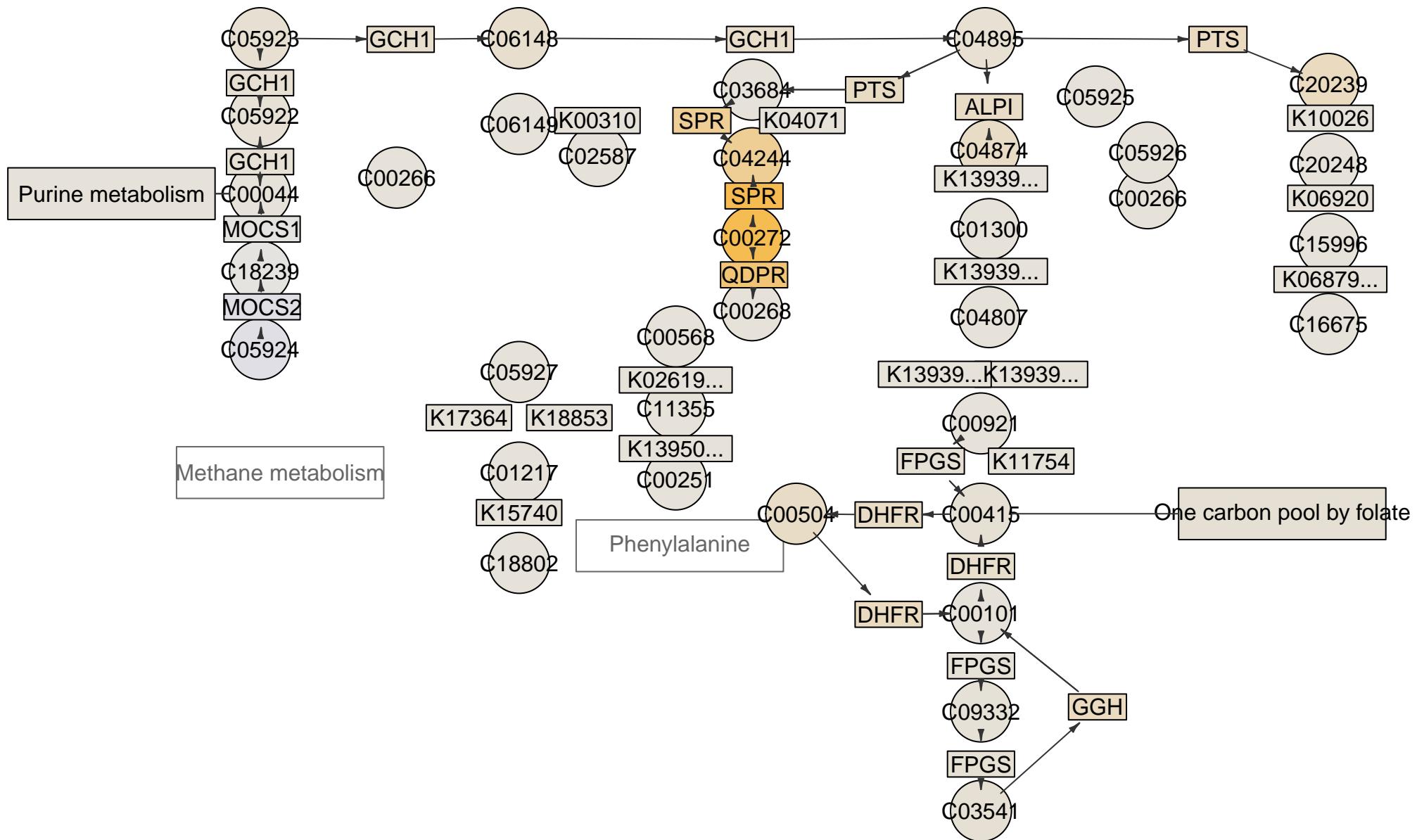
Folate biosynthesis  
MPI-041



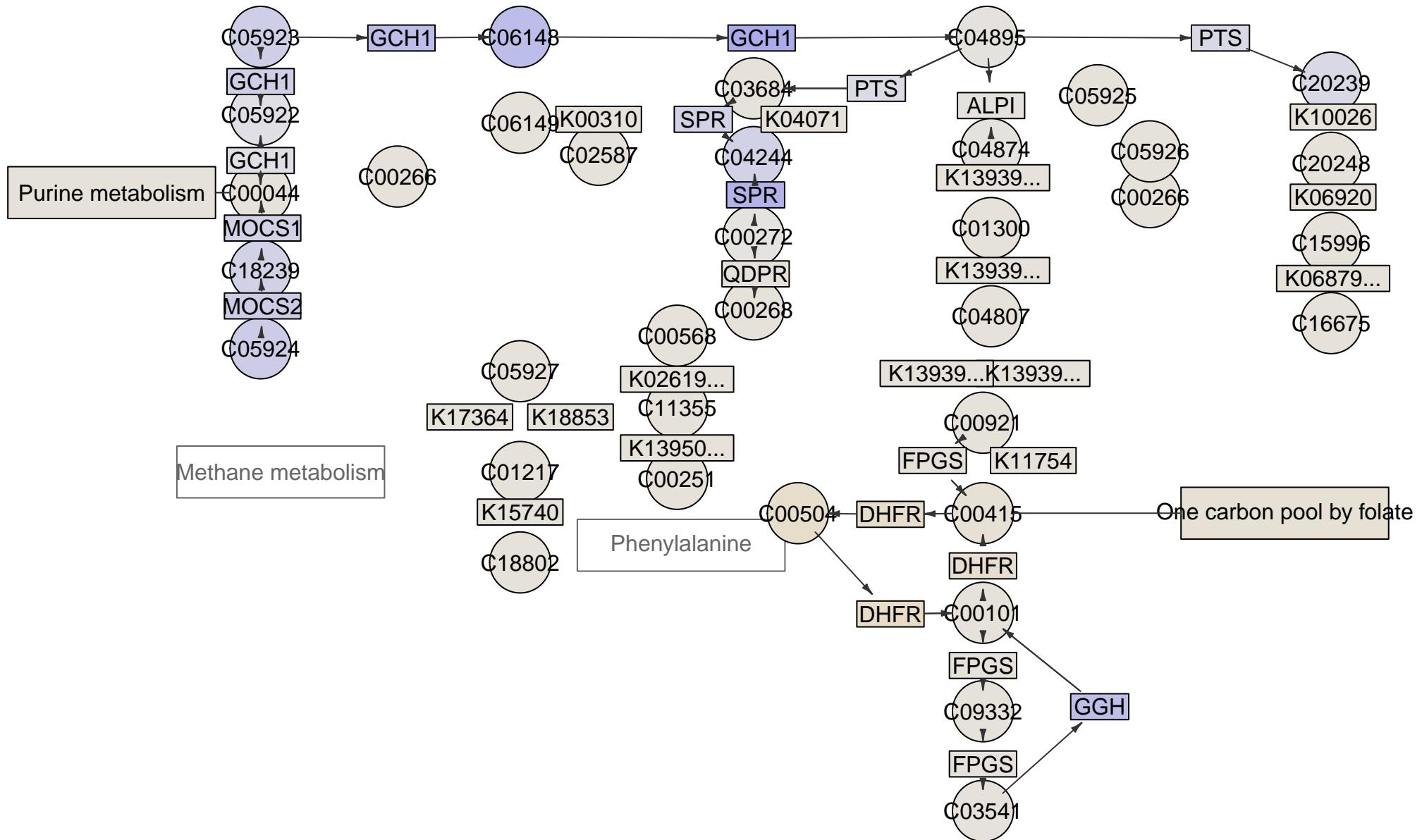
Folate biosynthesis  
MPI-046



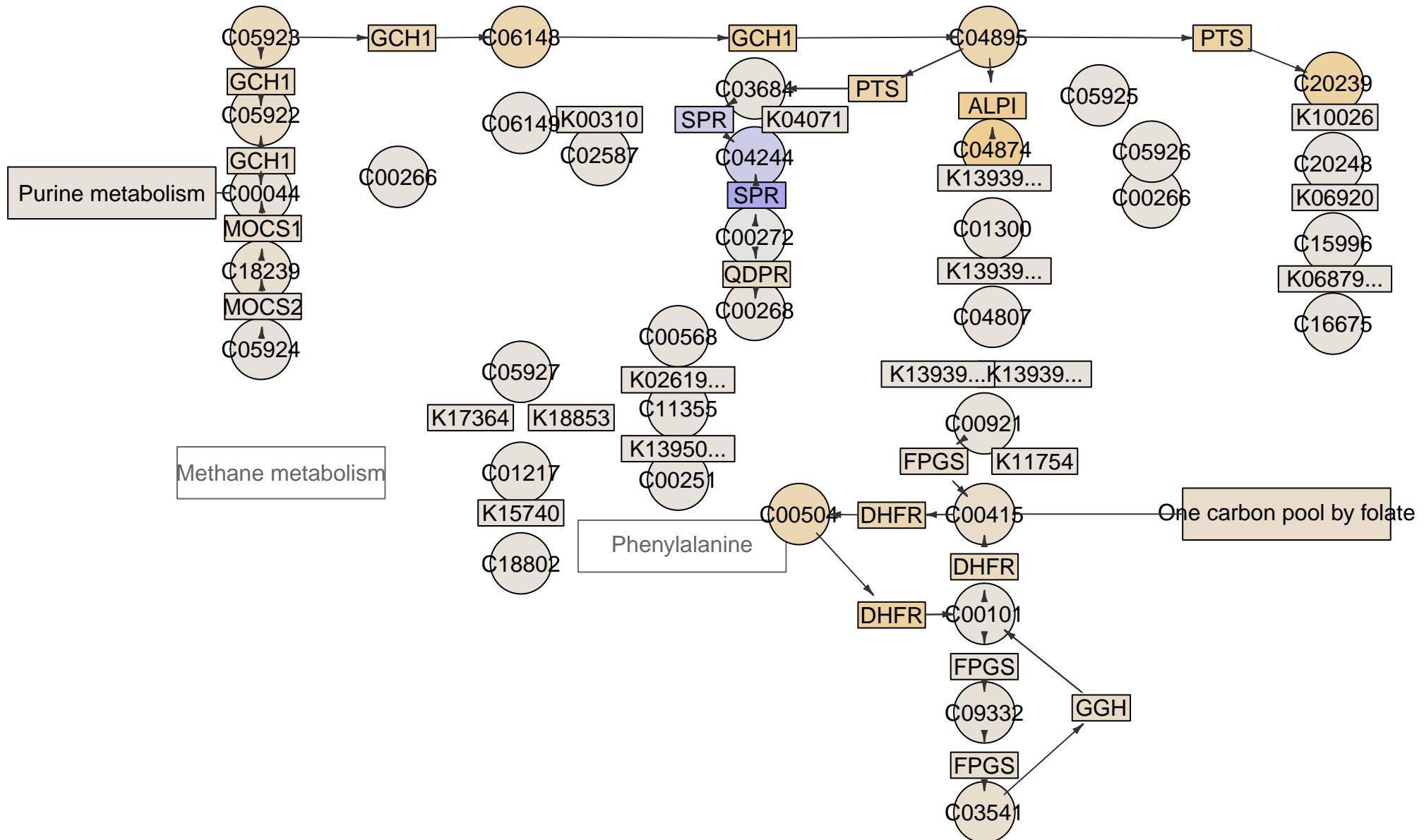
Folate biosynthesis  
MPI-050



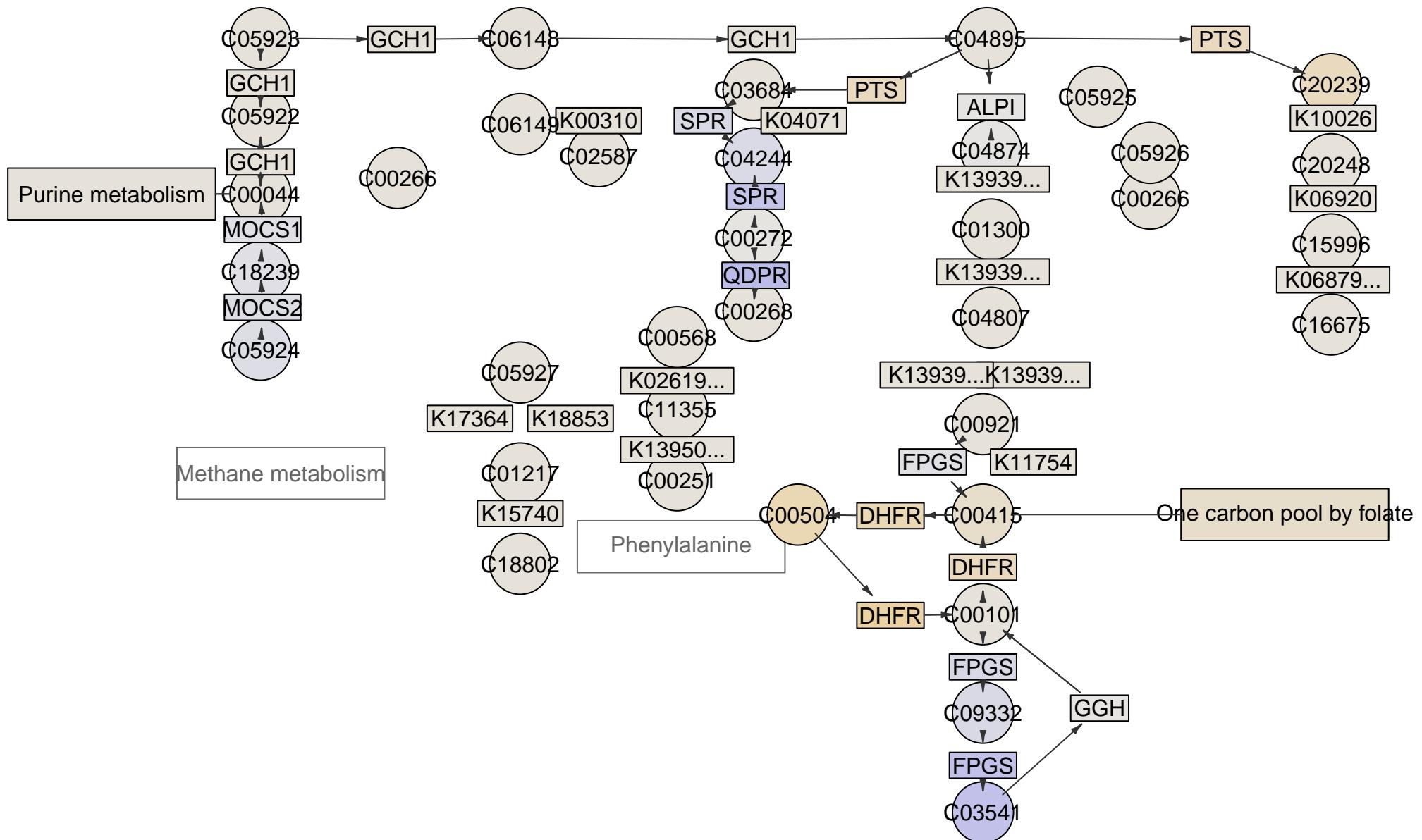
Folate biosynthesis  
MPI-051



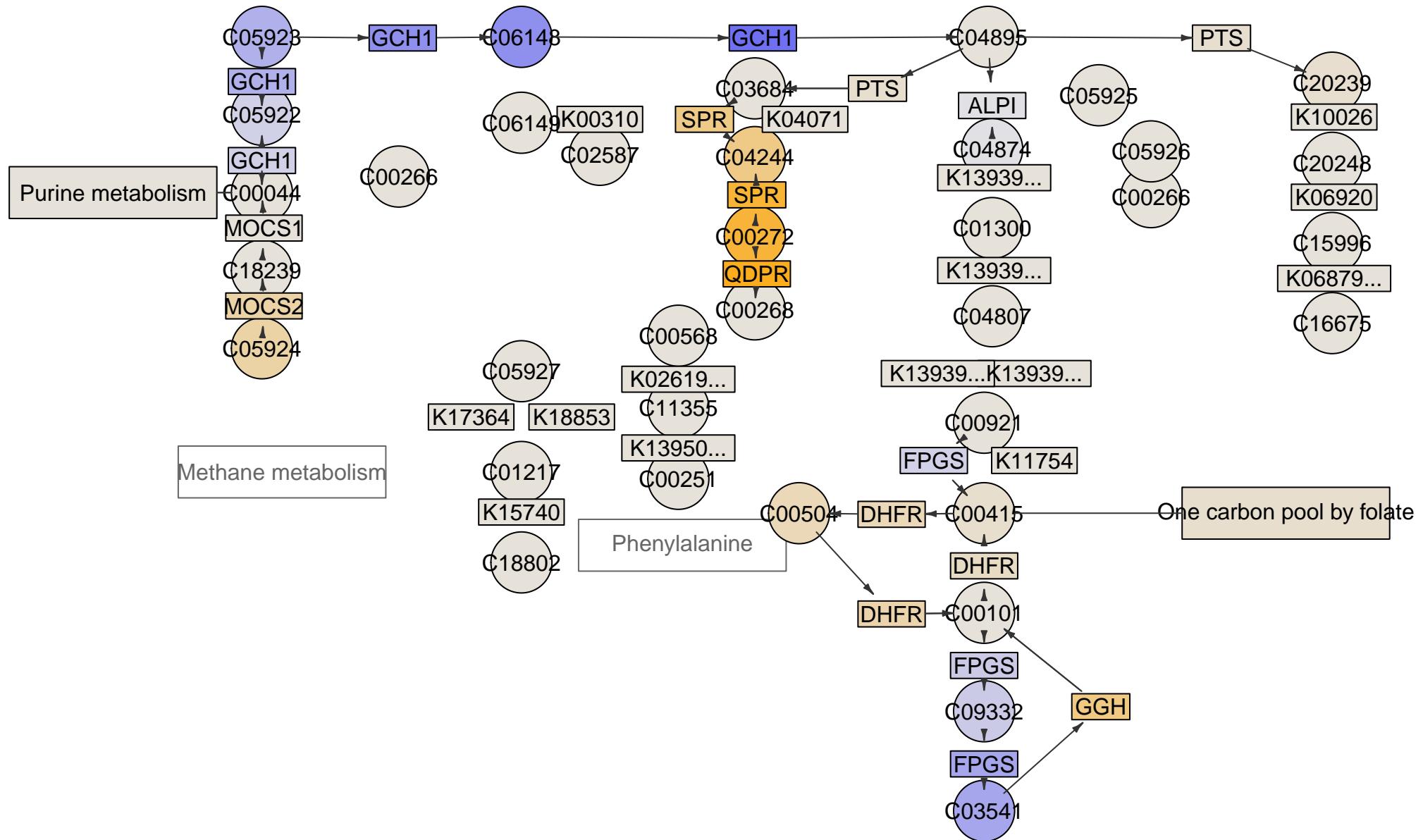
Folate biosynthesis  
MPI-054



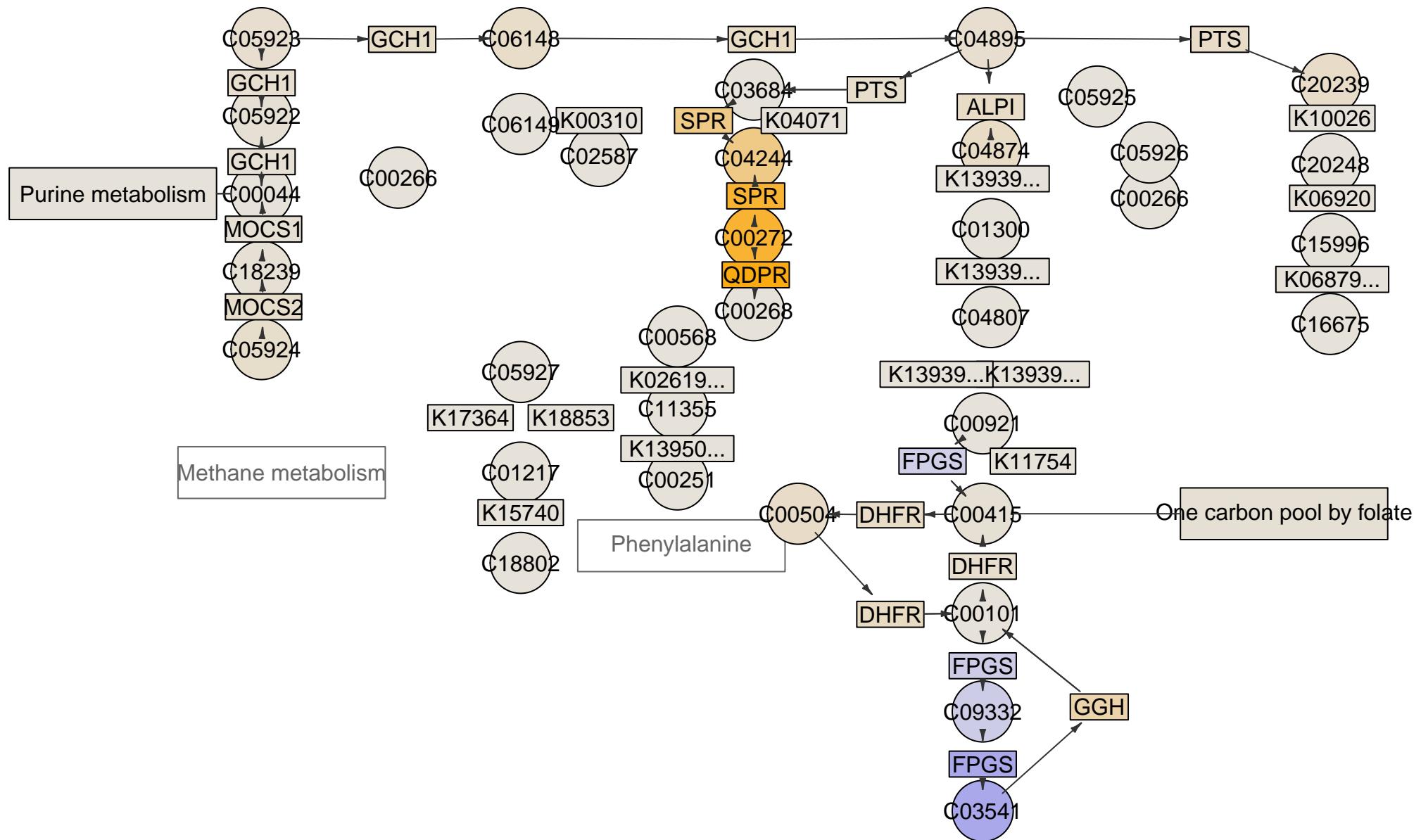
Folate biosynthesis  
MPI-059



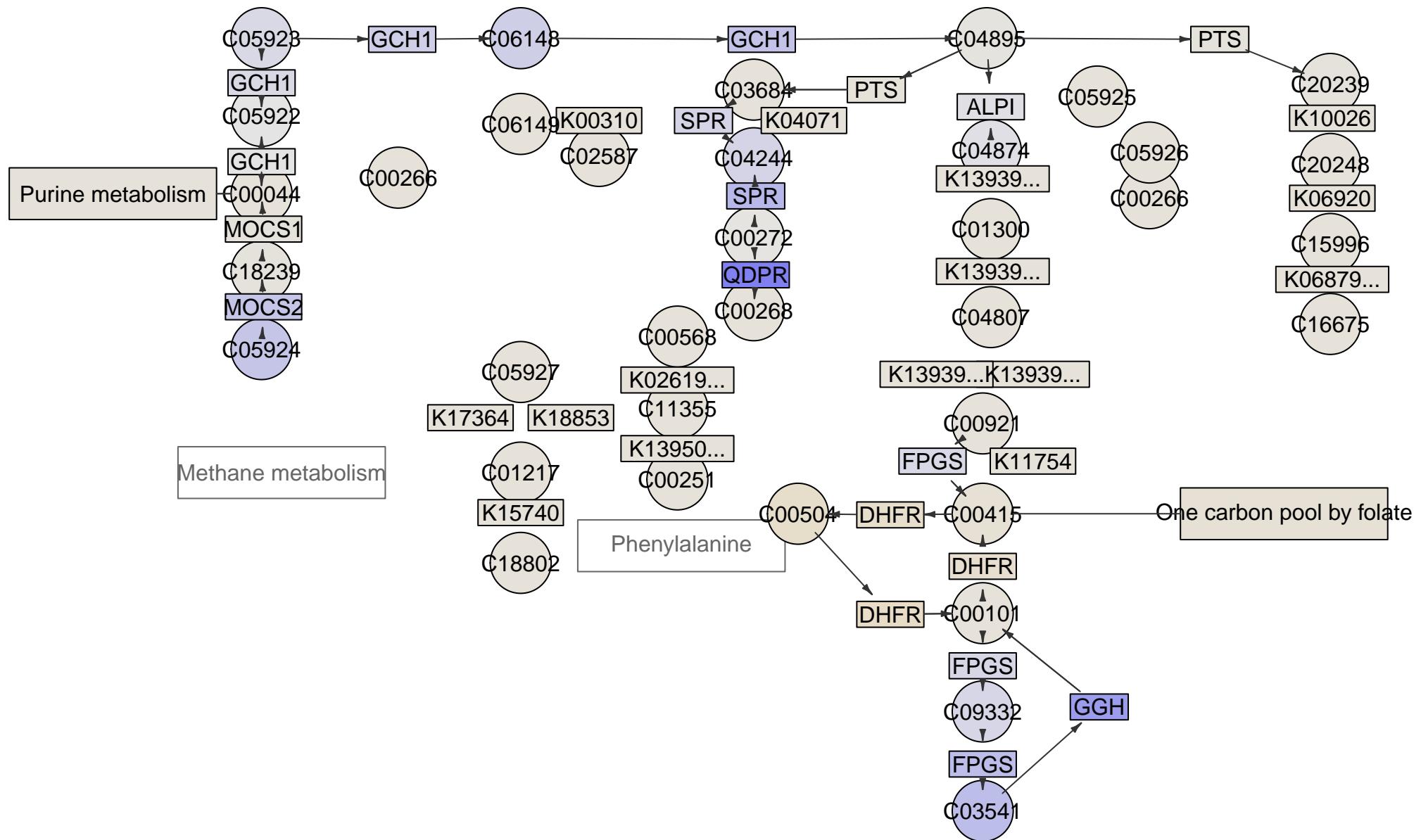
Folate biosynthesis  
MPI-060



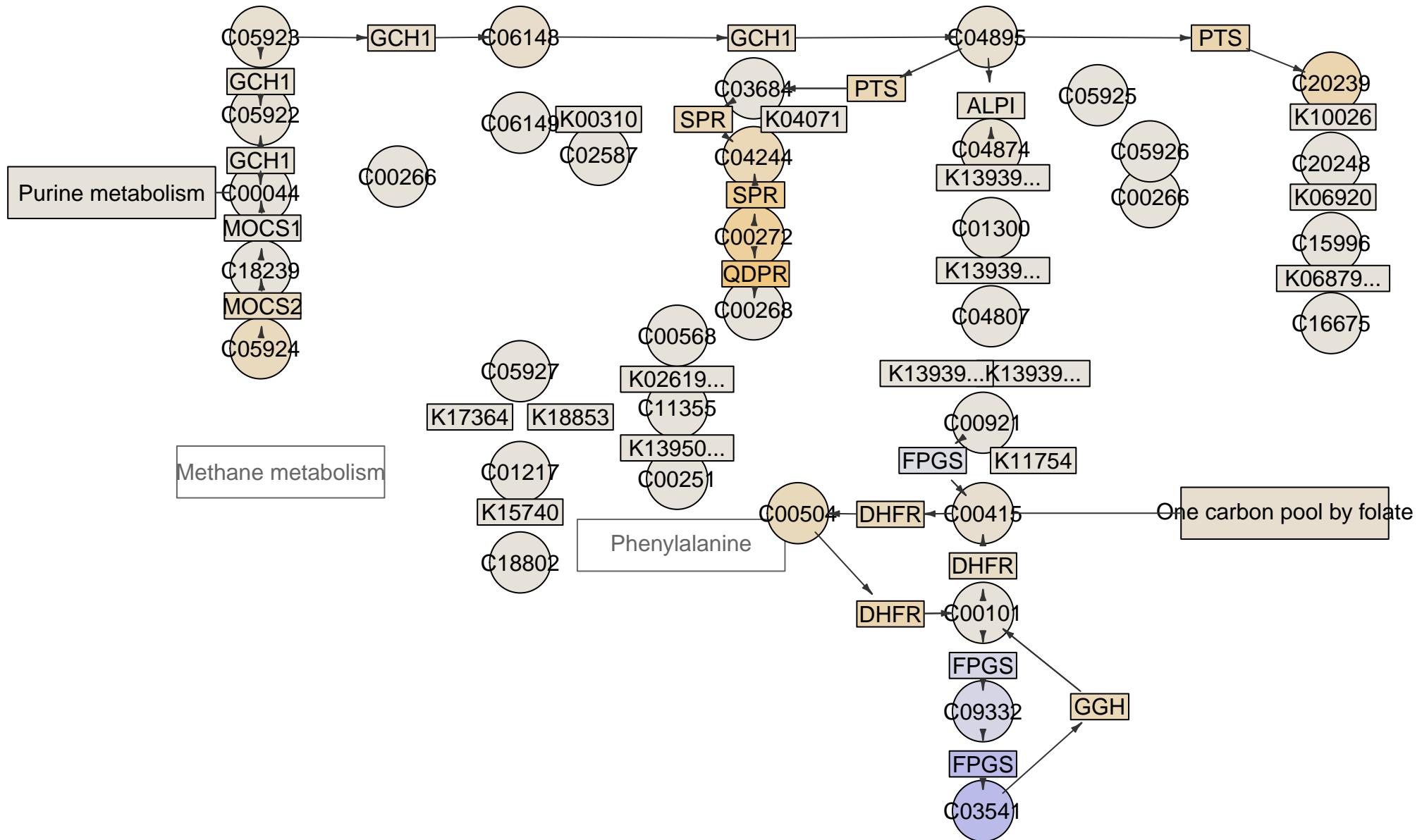
Folate biosynthesis  
MPI-061



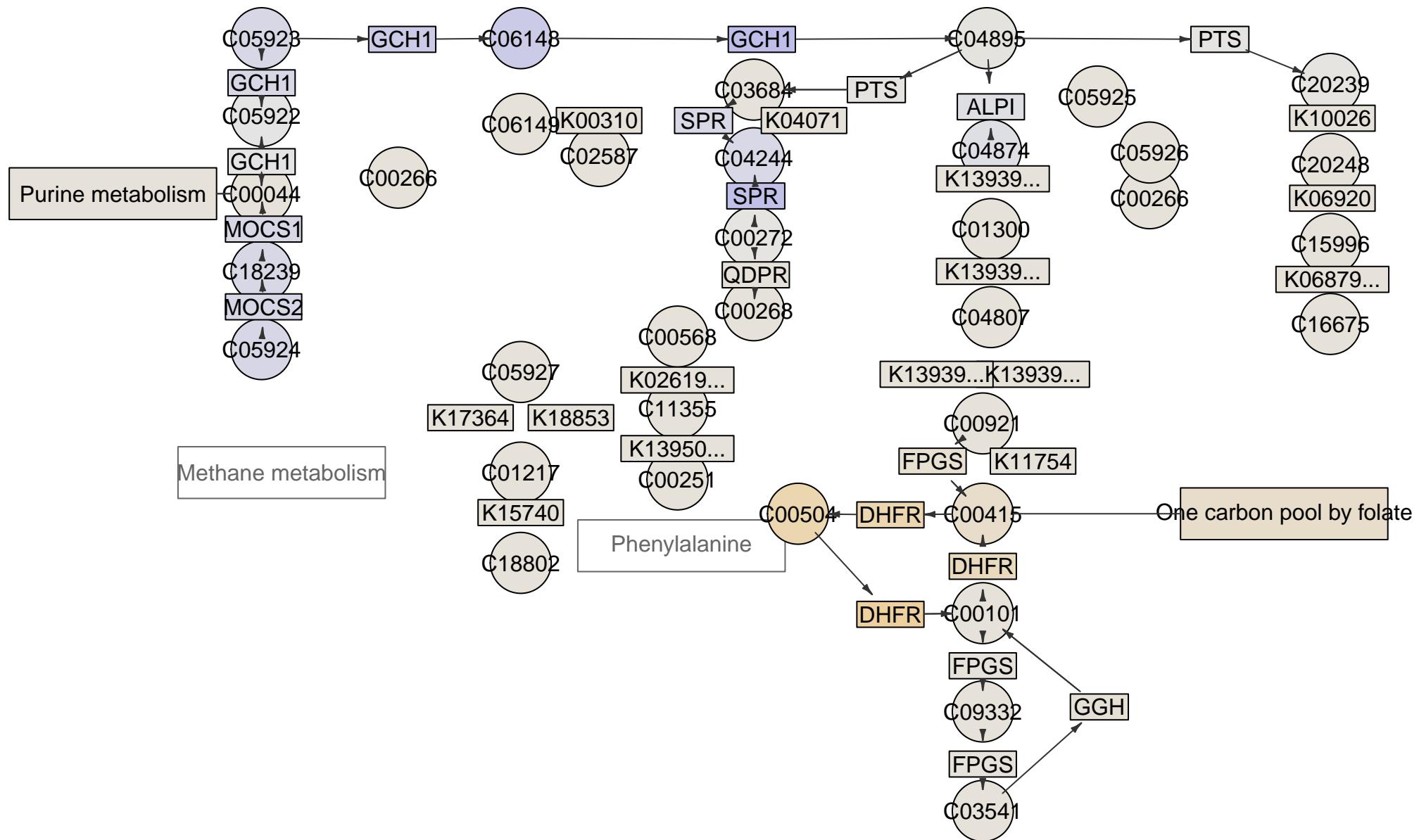
Folate biosynthesis  
MPI-064



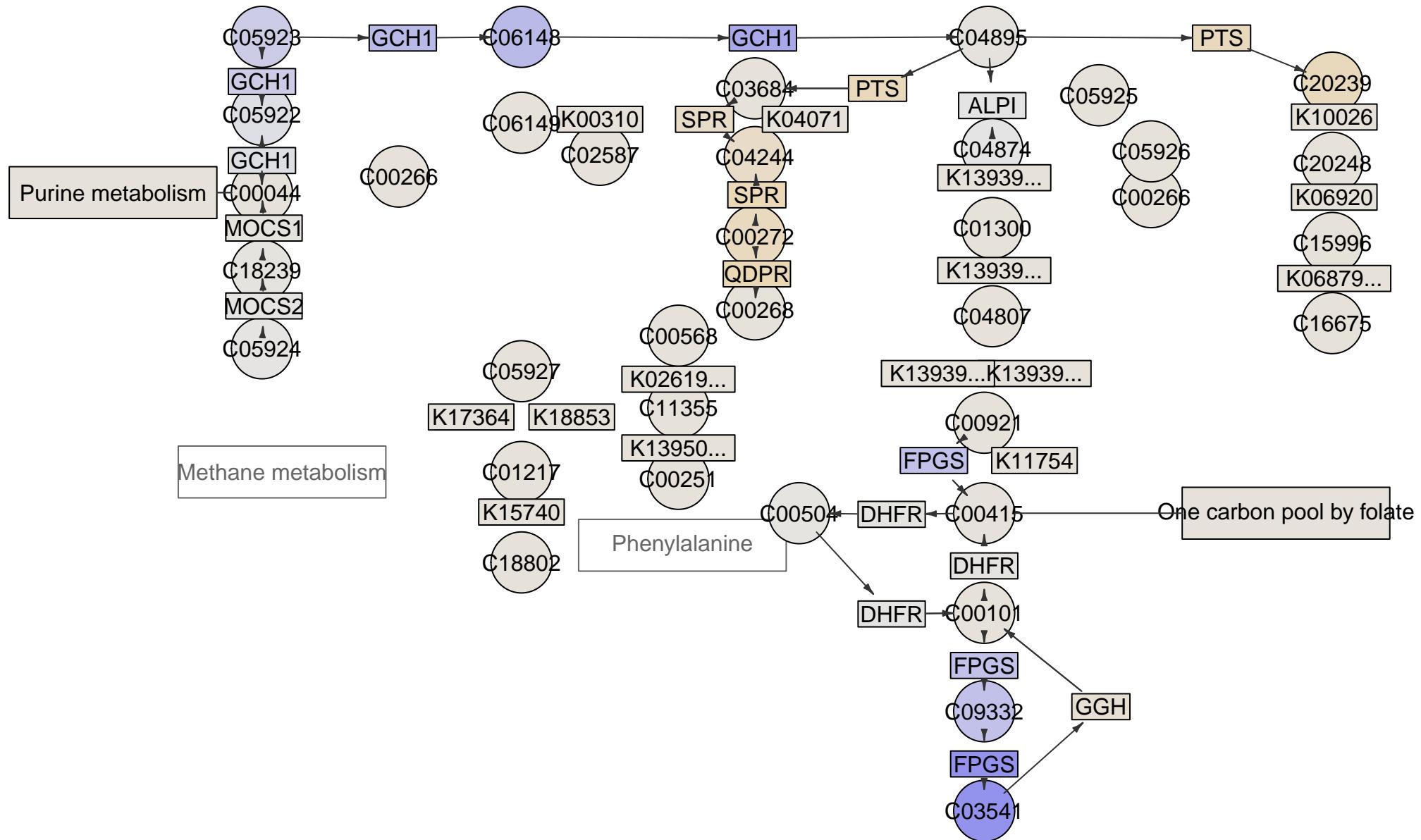
Folate biosynthesis  
MPI-070



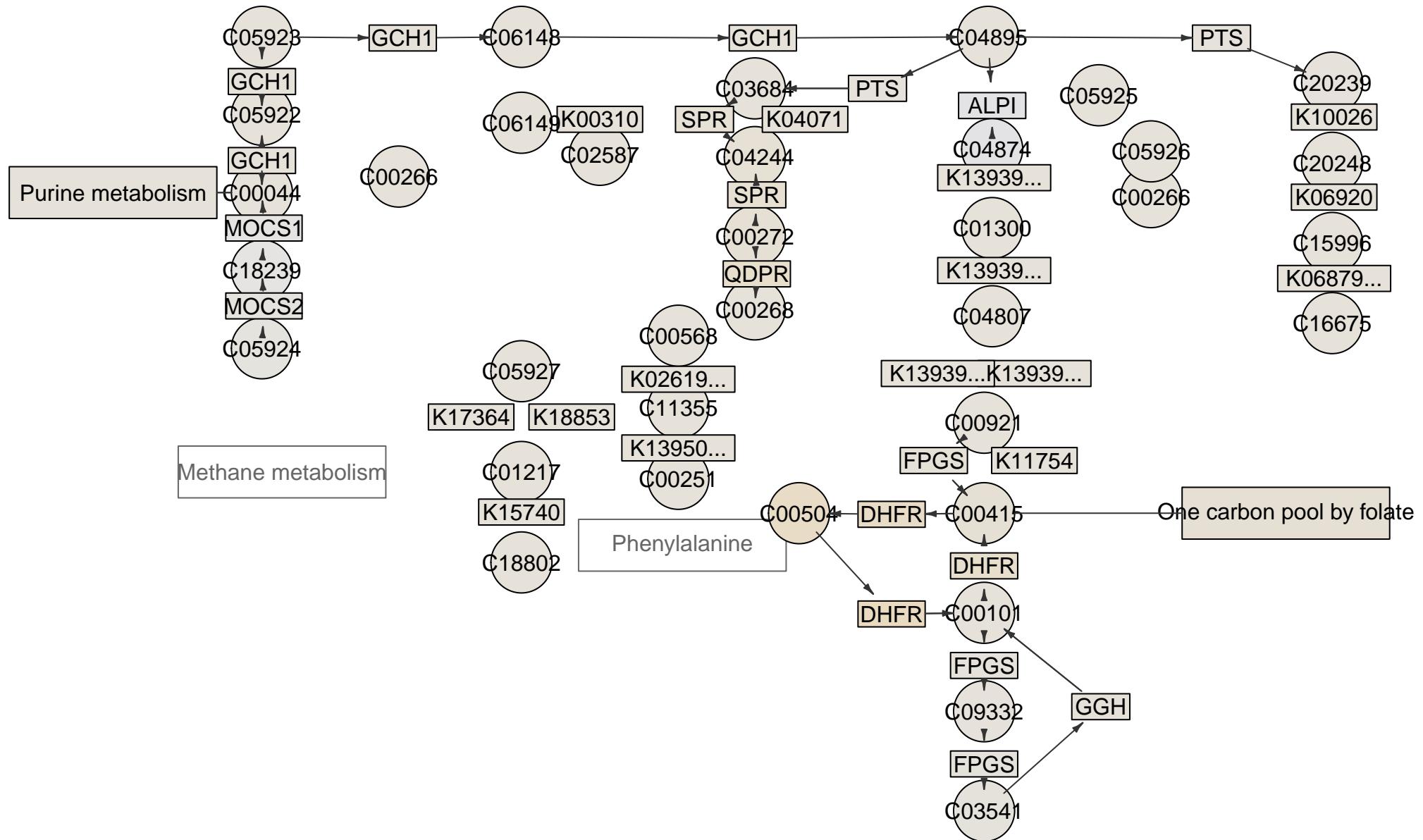
Folate biosynthesis  
MPI-072



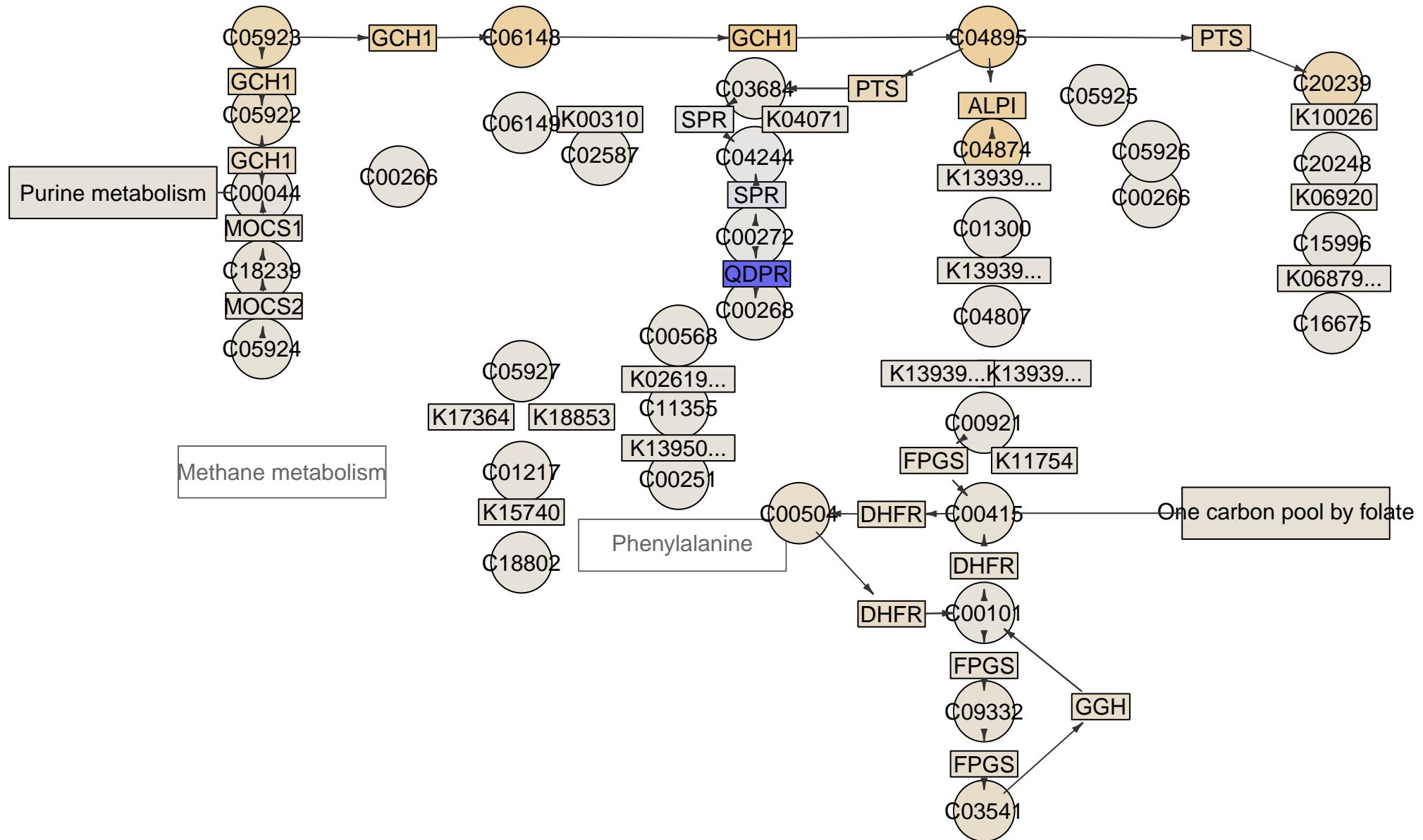
Folate biosynthesis  
MPI-093



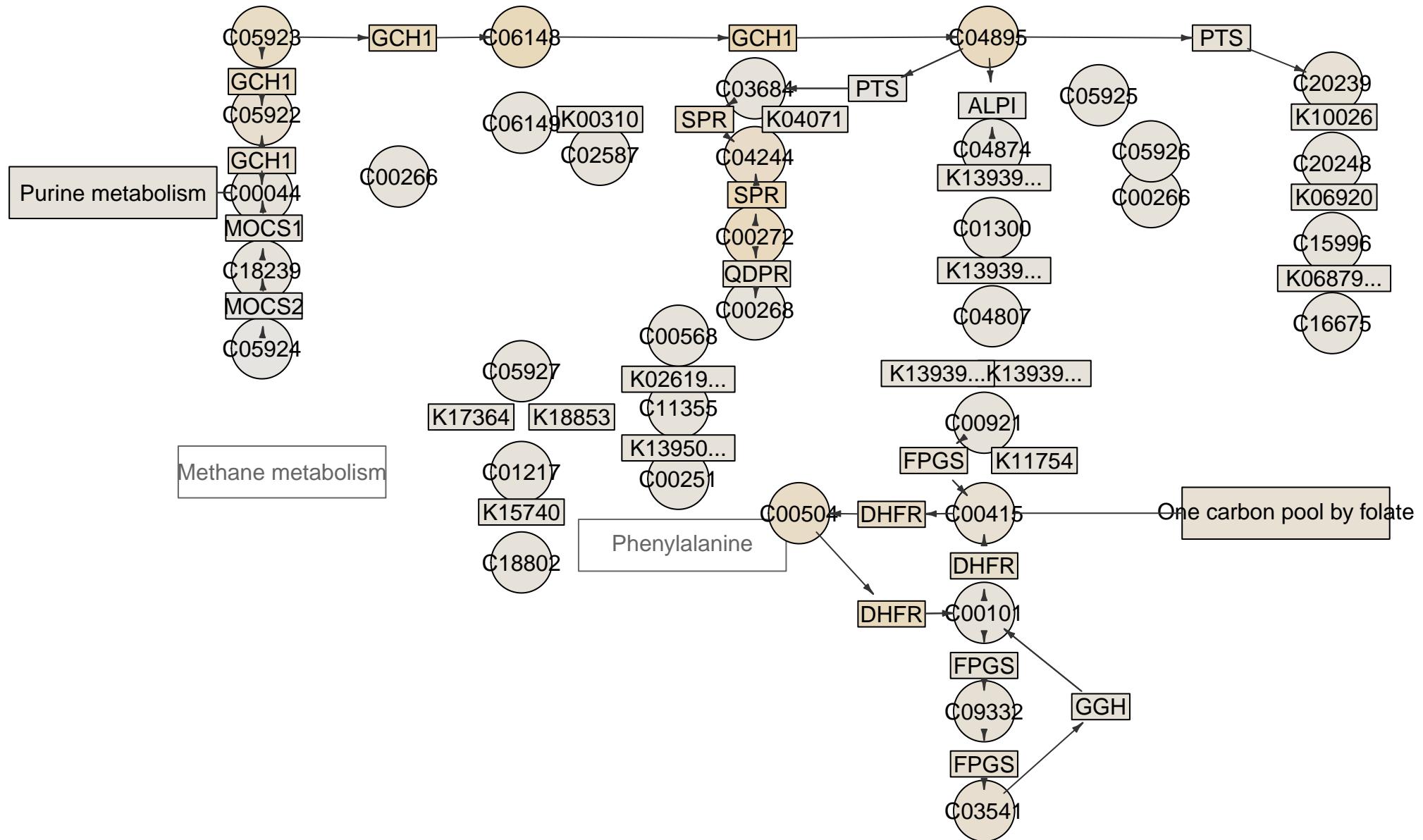
Folate biosynthesis  
MPI-094



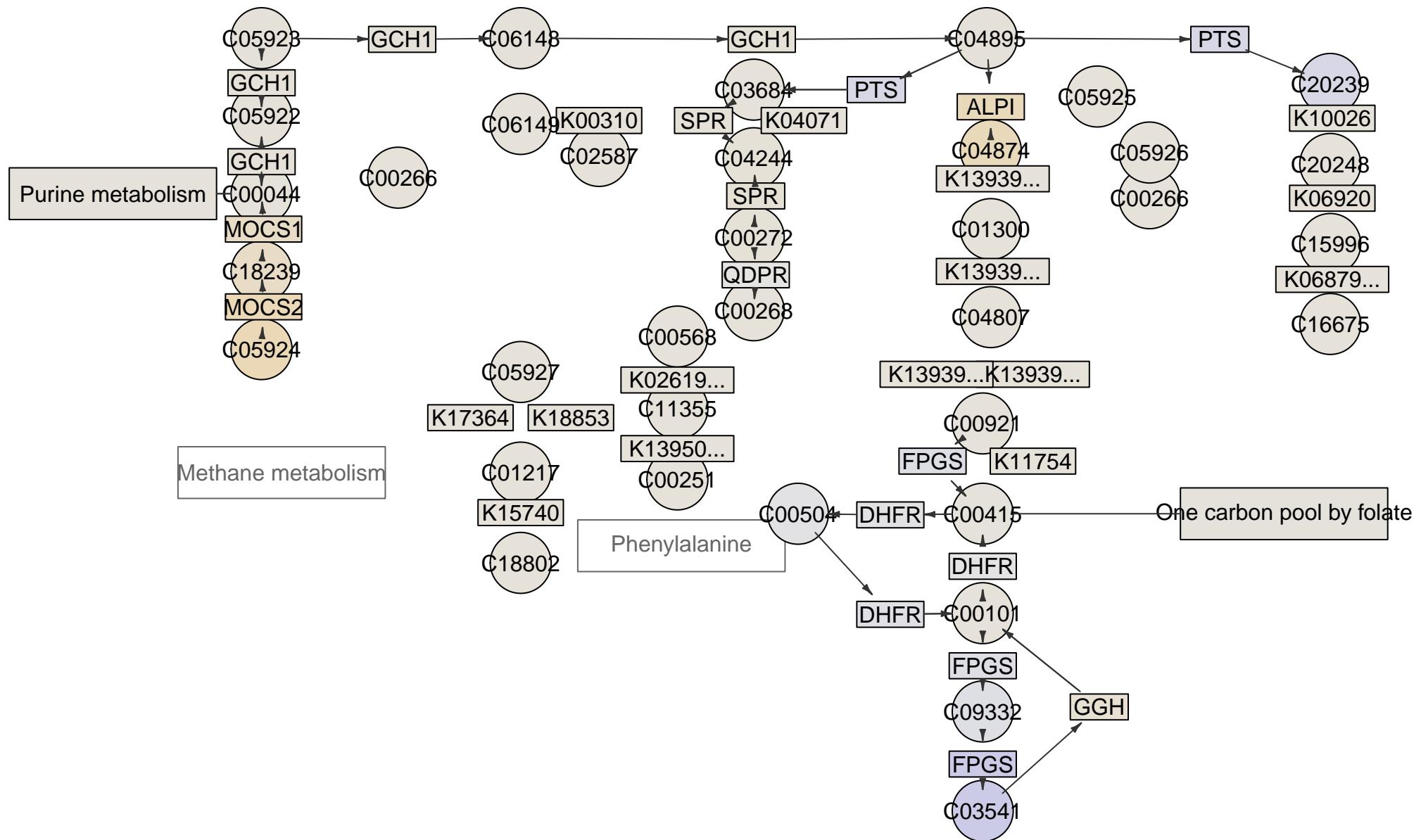
Folate biosynthesis  
MPI-099



Folate biosynthesis  
MPI-104

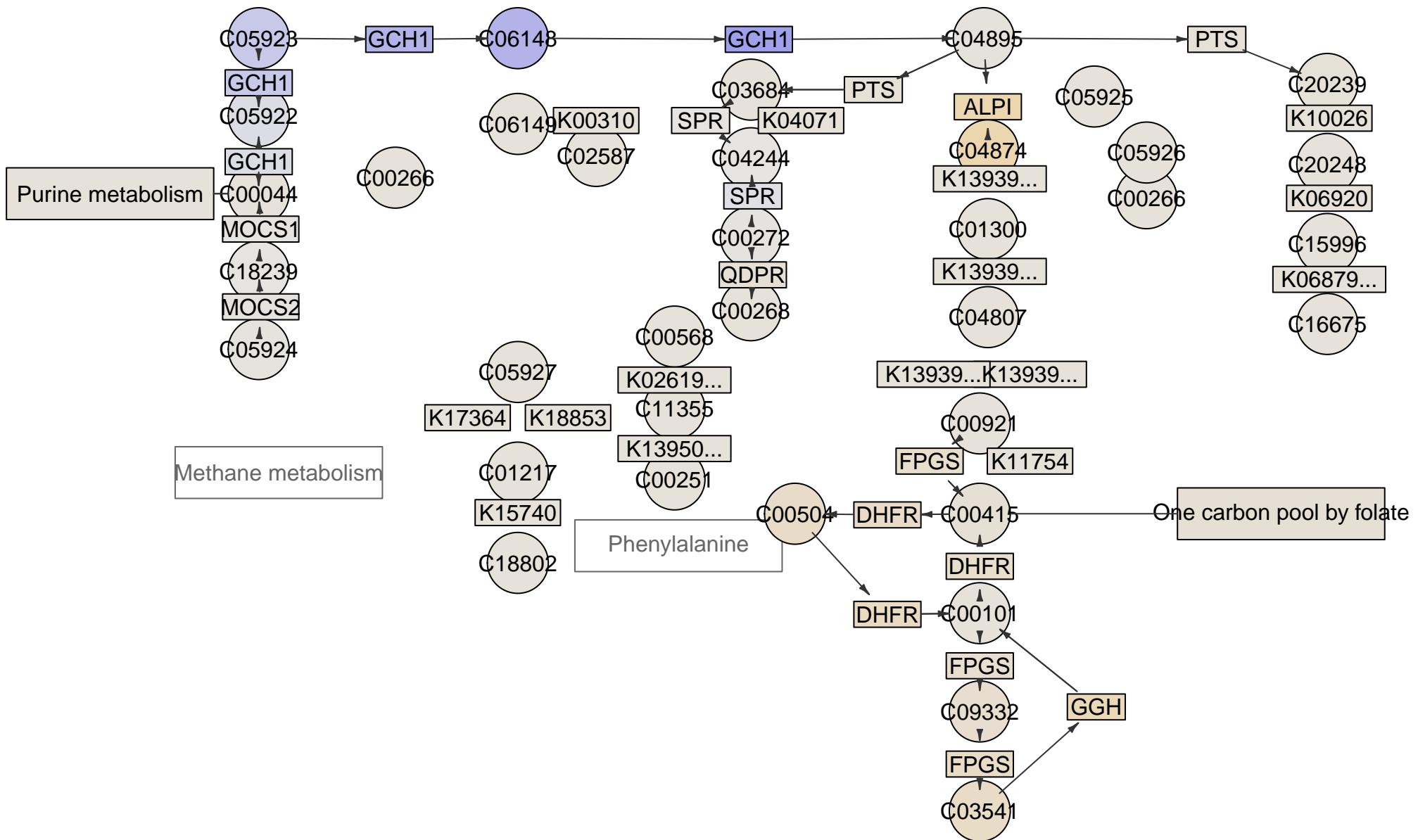


Folate biosynthesis  
MPI-107

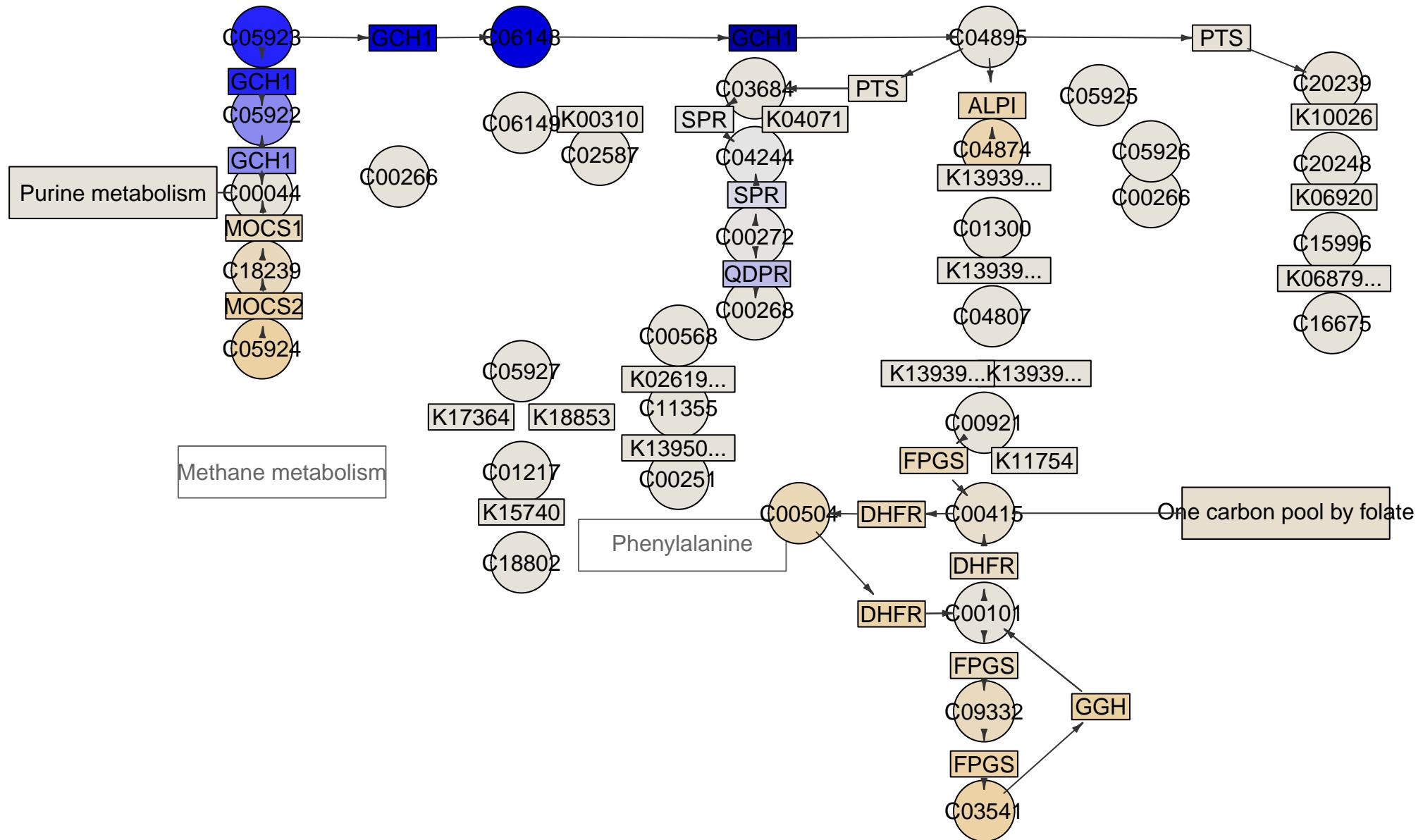


# Folate biosynthesis

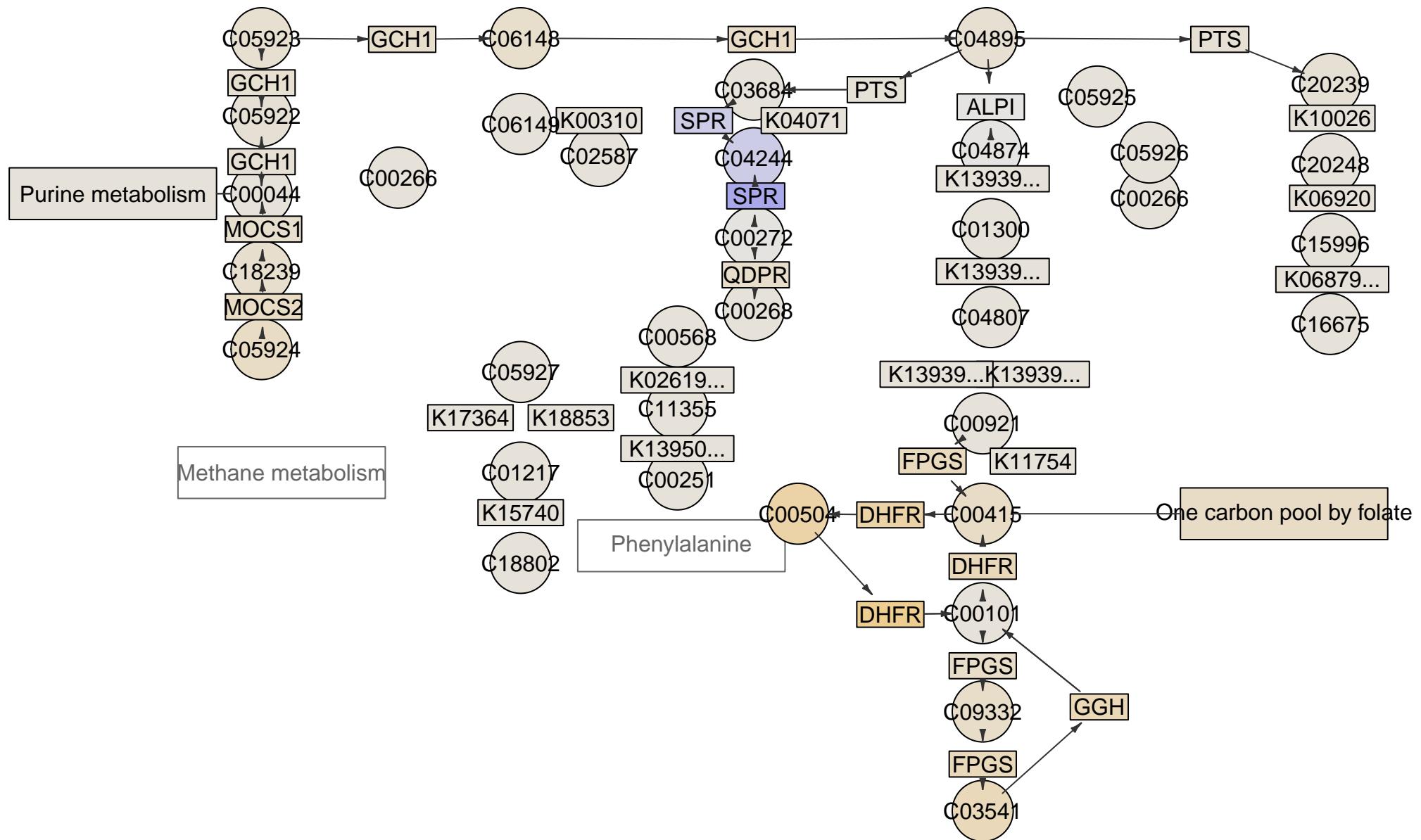
## MPI-112



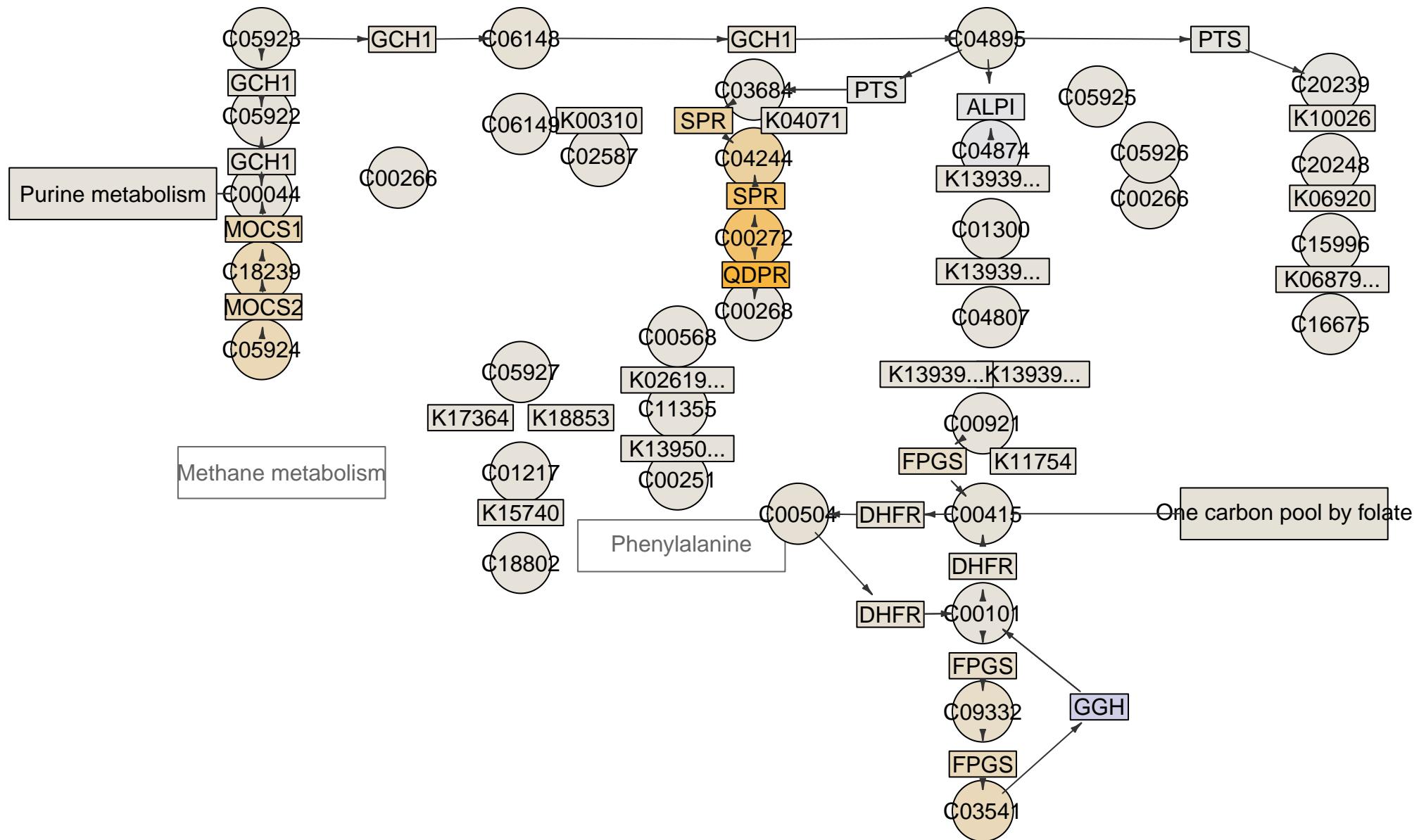
Folate biosynthesis  
MPI-116



Folate biosynthesis  
MPI-117

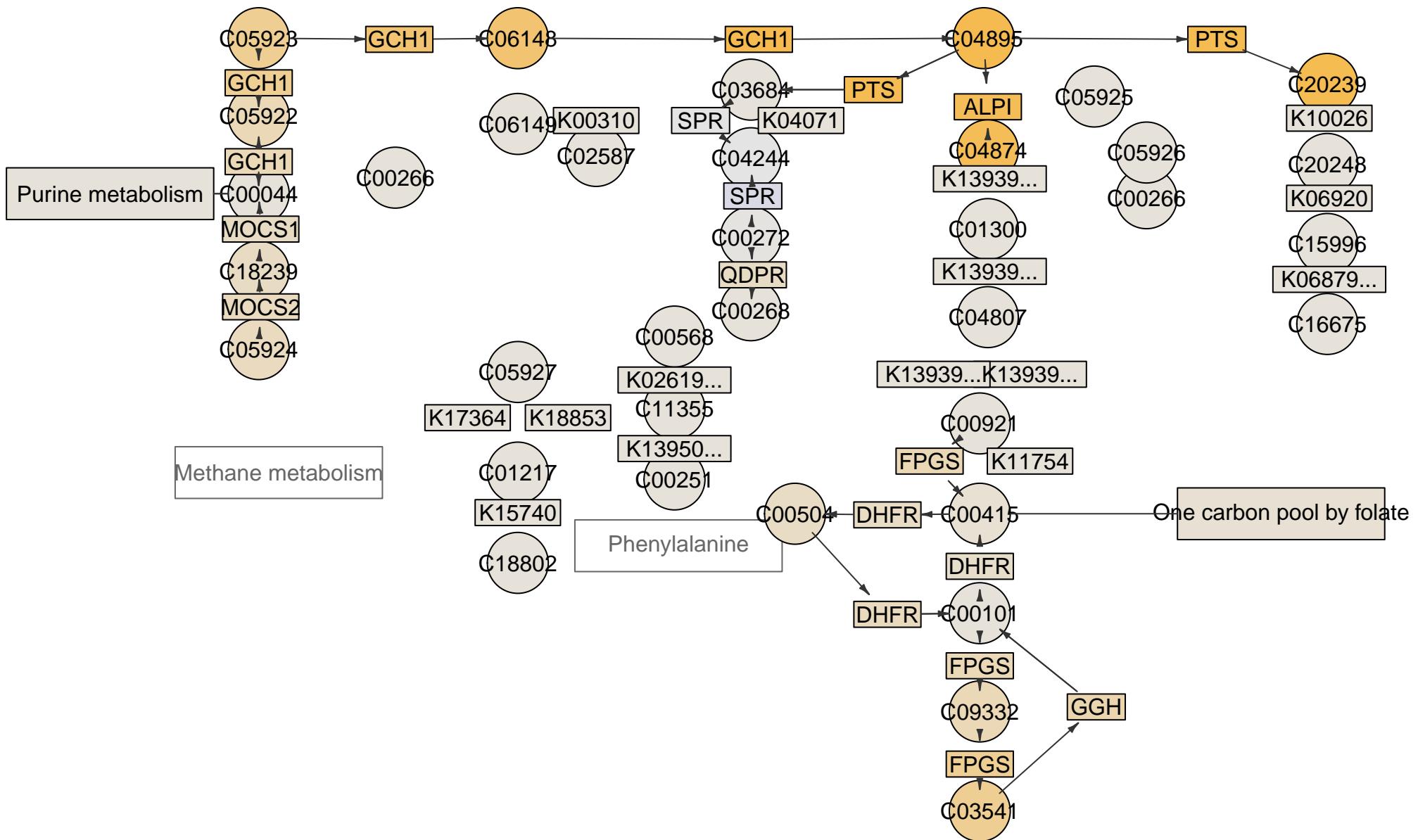


Folate biosynthesis  
MPI-120

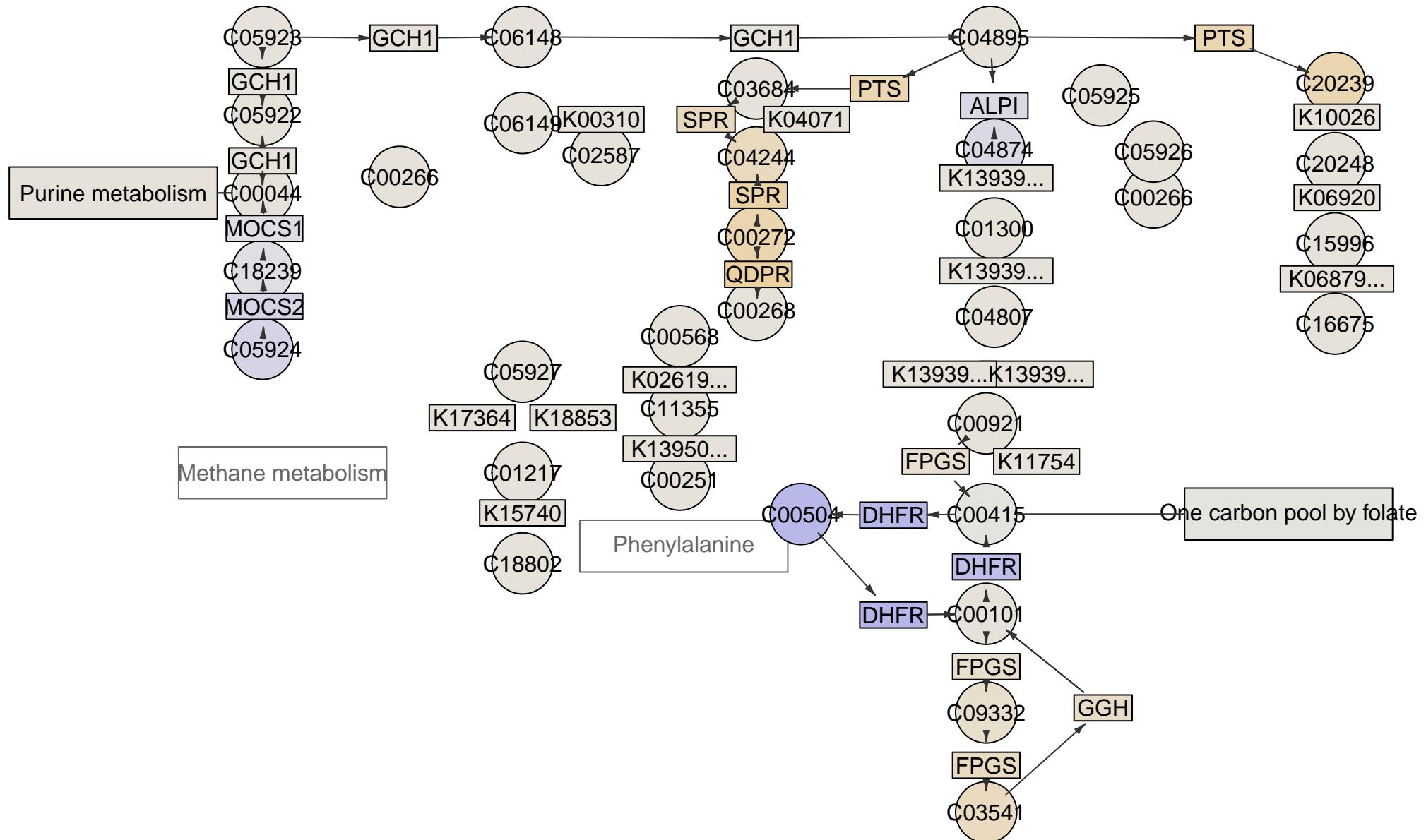


# Folate biosynthesis

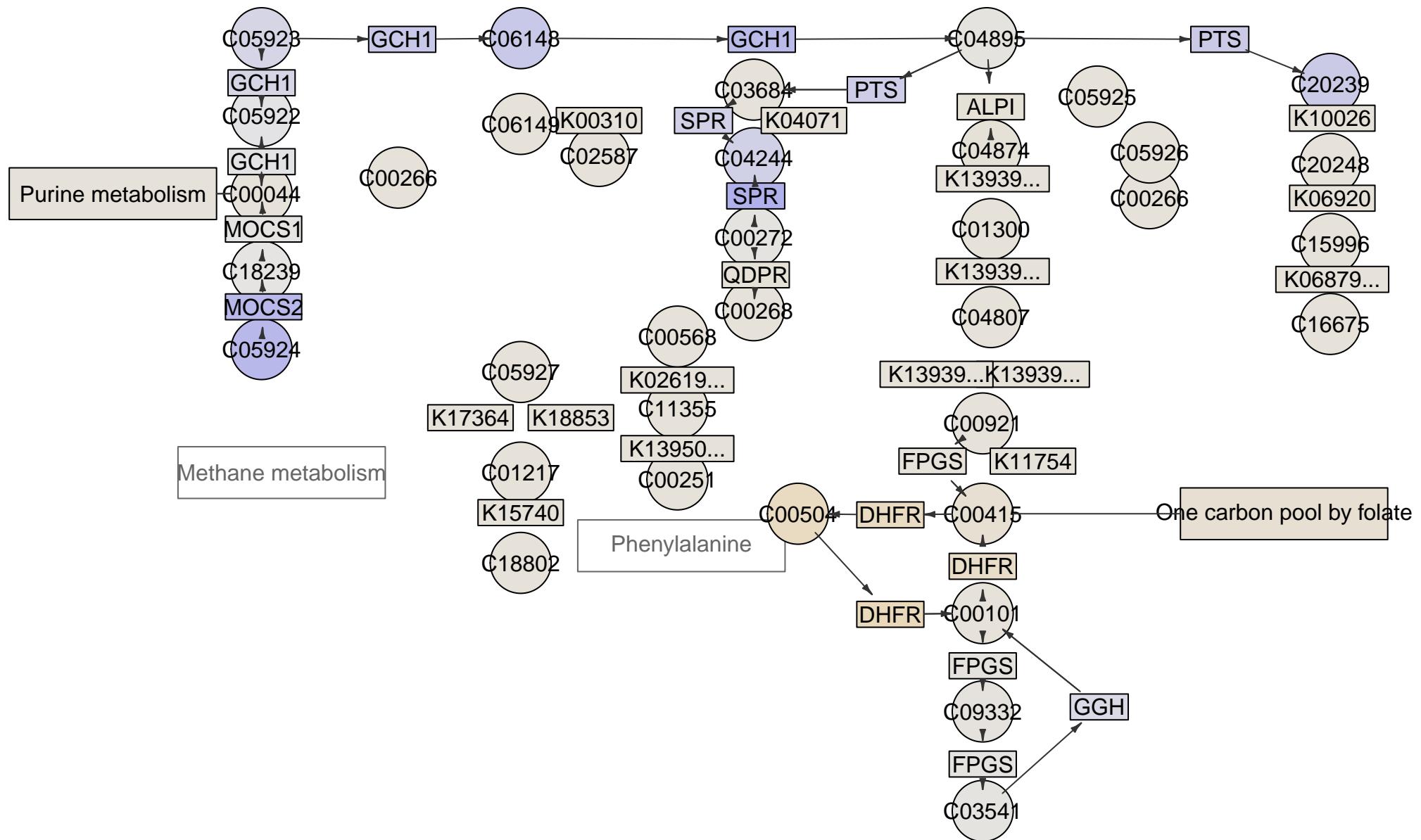
## MPI-121



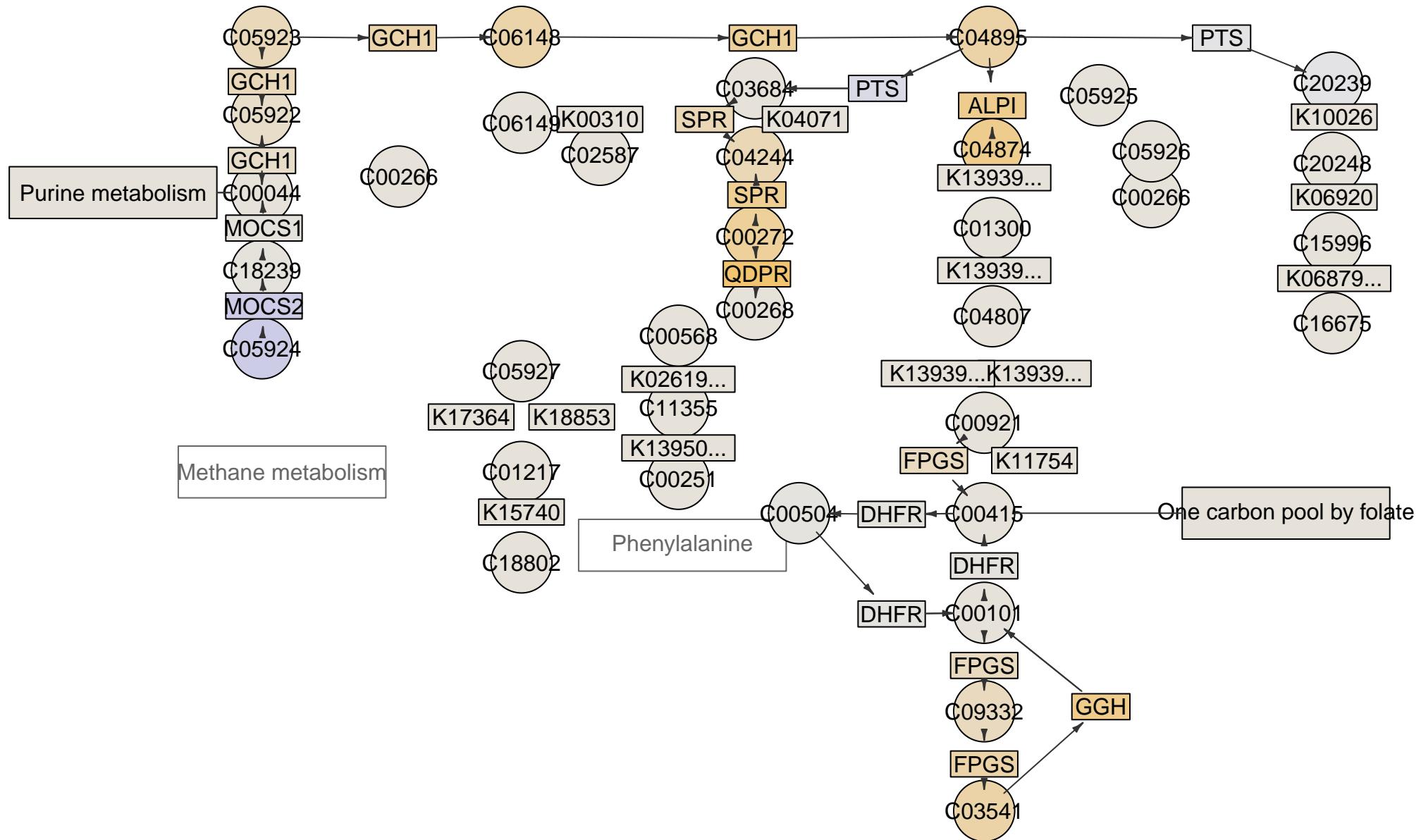
Folate biosynthesis  
MPI-124



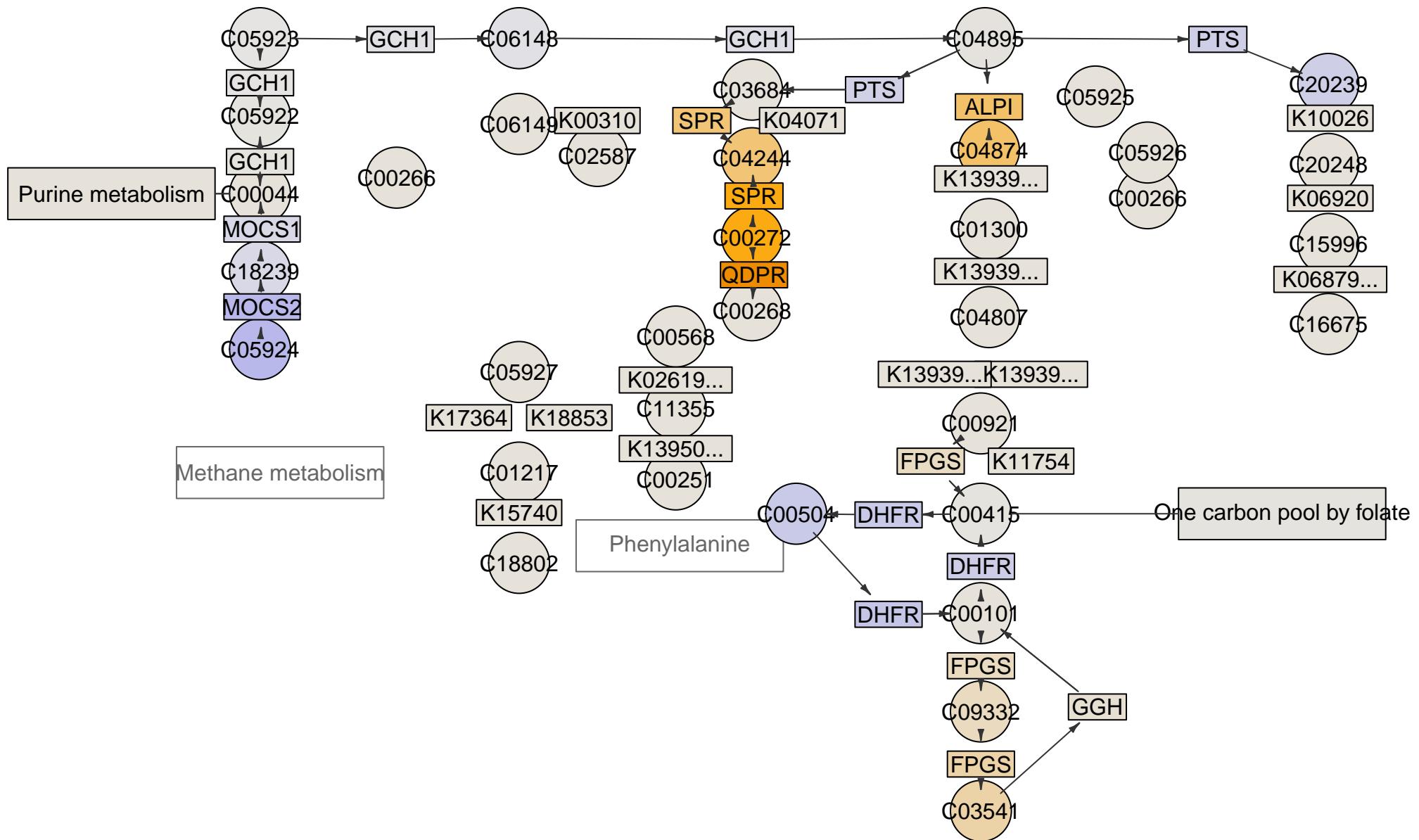
Folate biosynthesis  
MPI-126



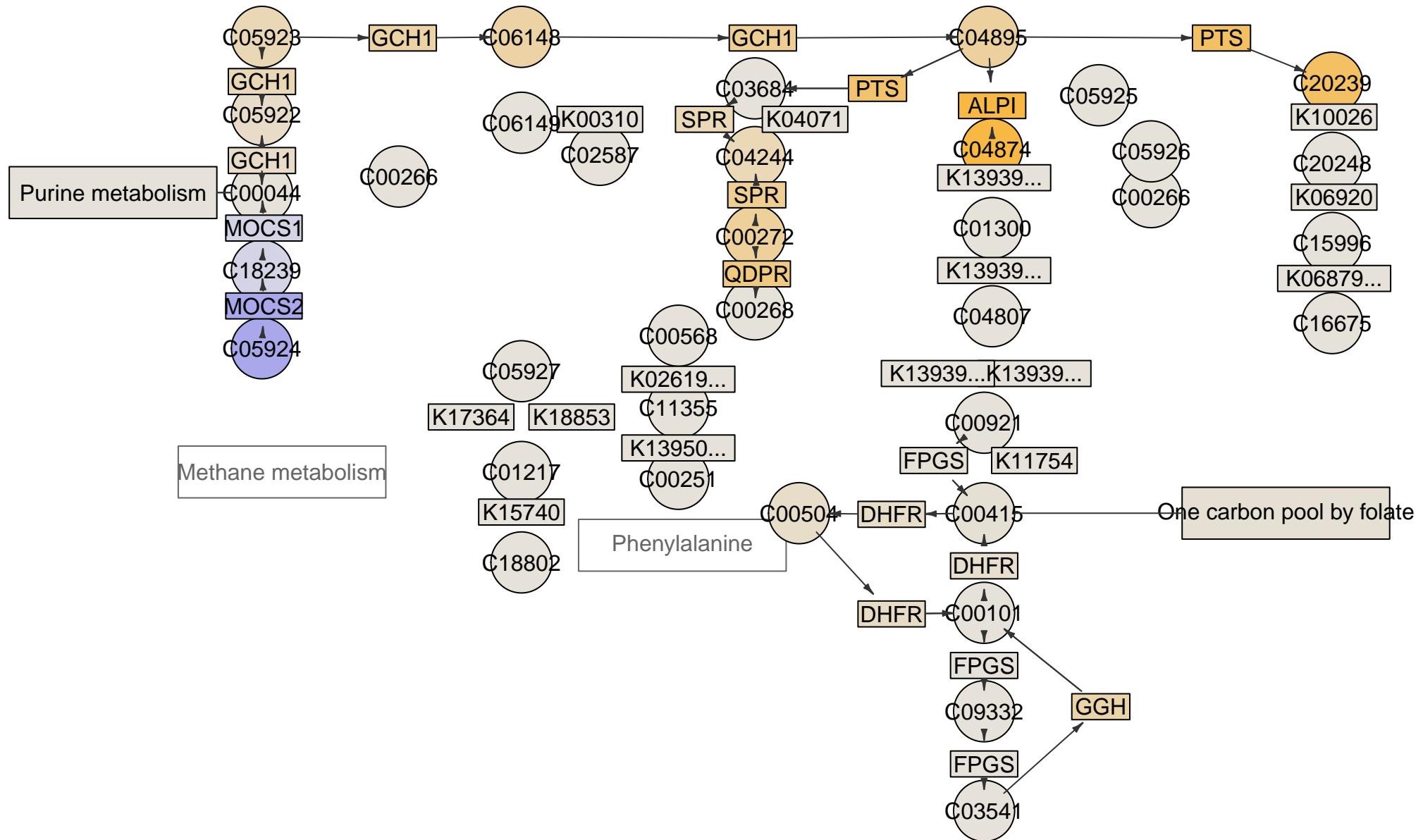
Folate biosynthesis  
MPI-131



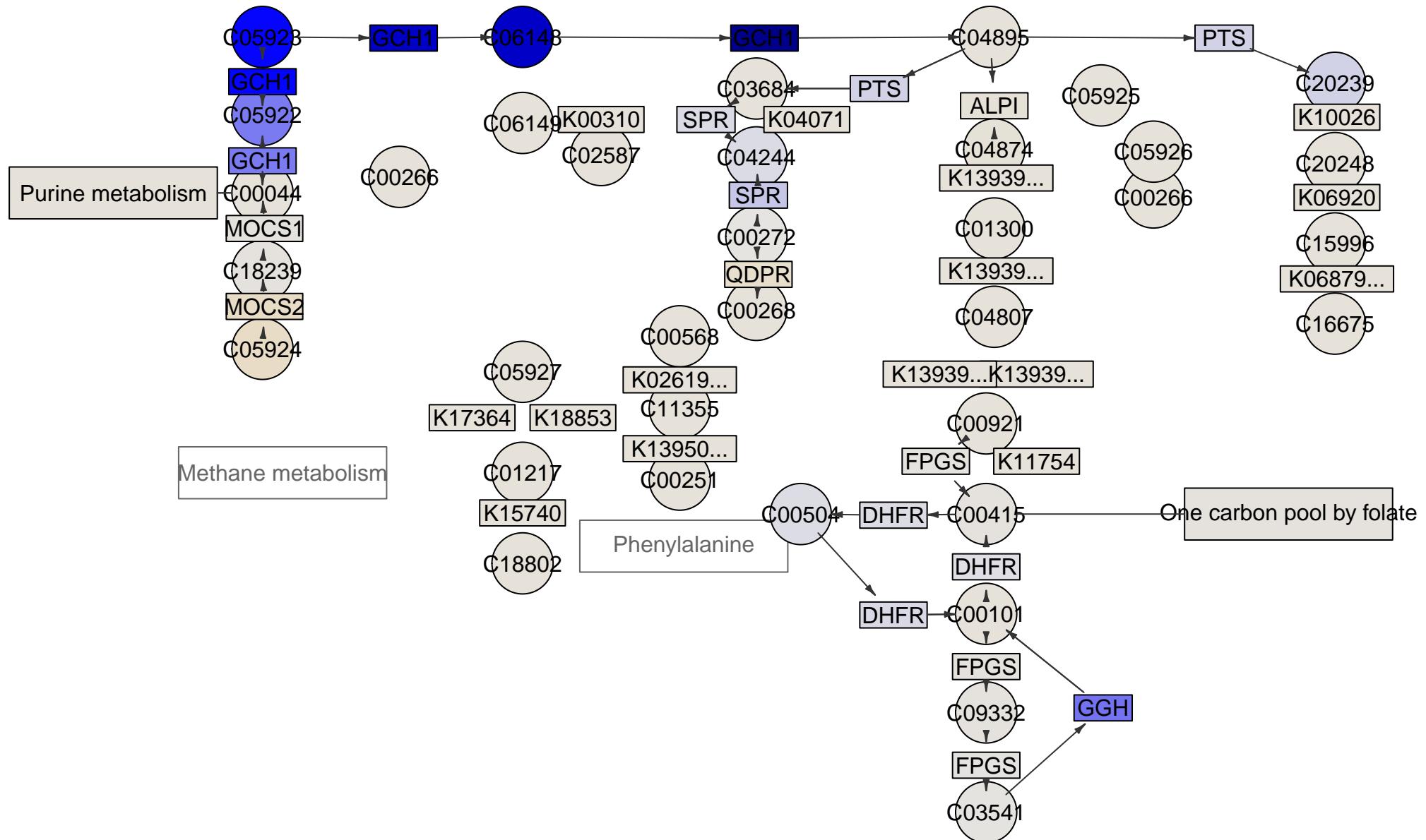
Folate biosynthesis  
MPI-143



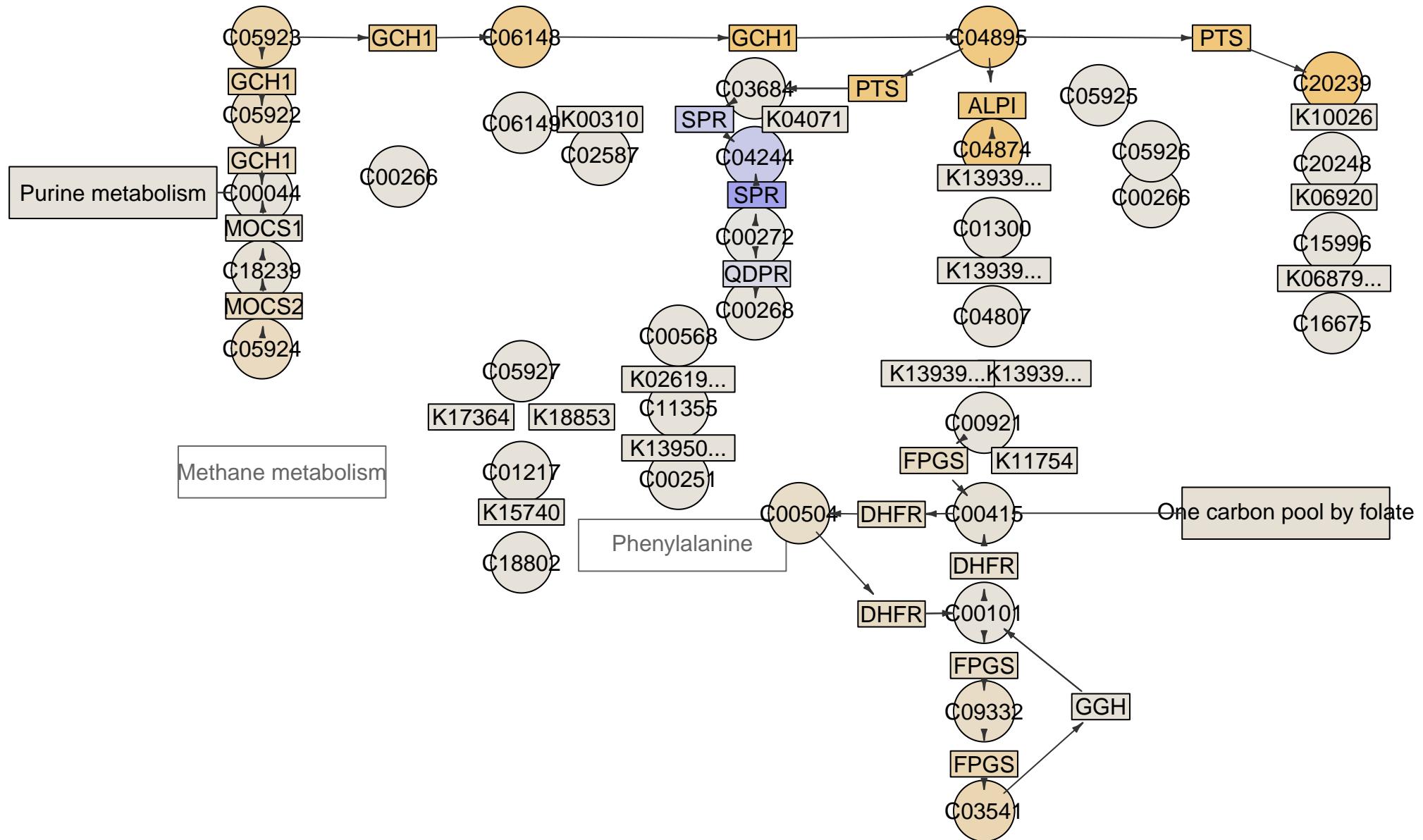
Folate biosynthesis  
MPI-148



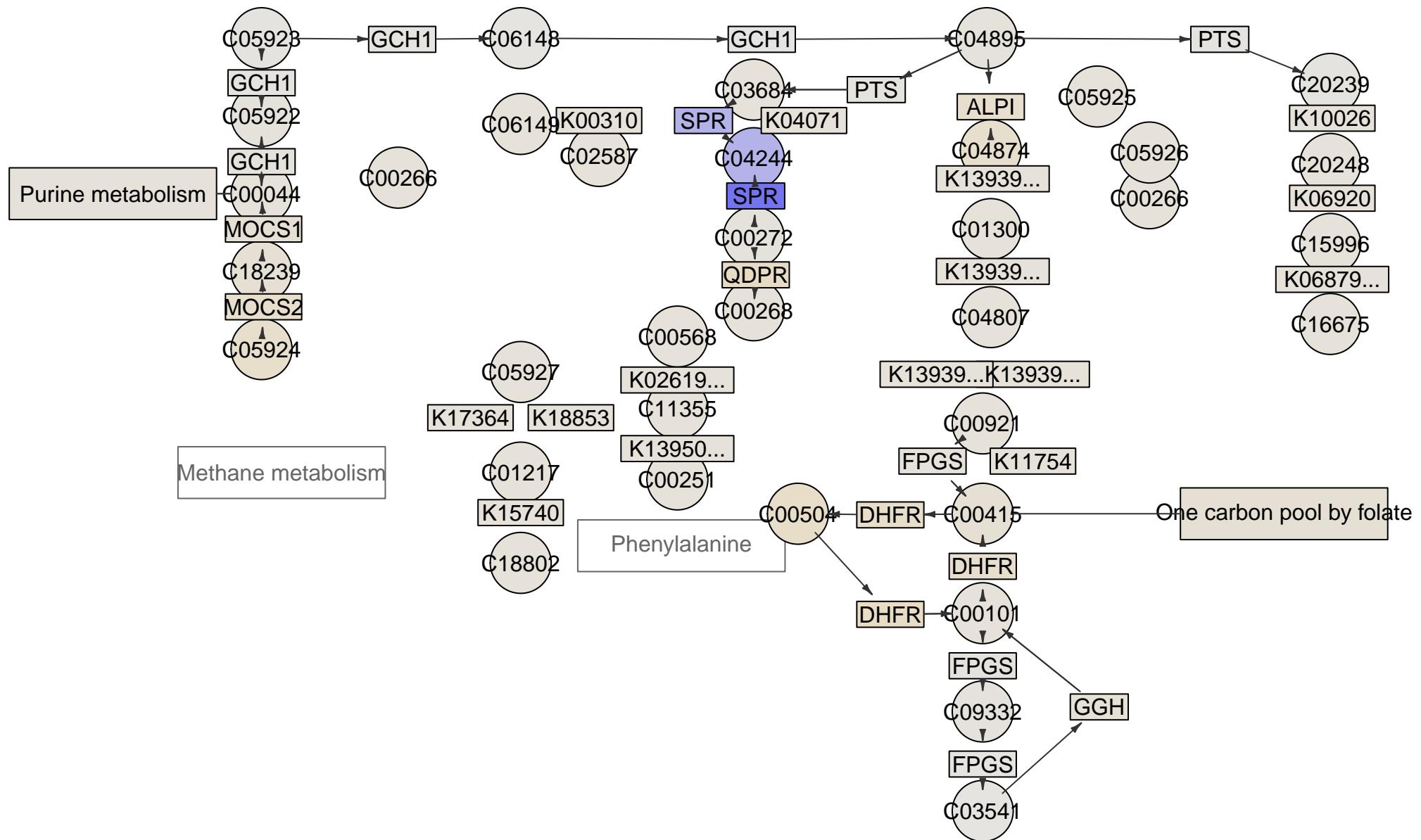
Folate biosynthesis  
MPI-161



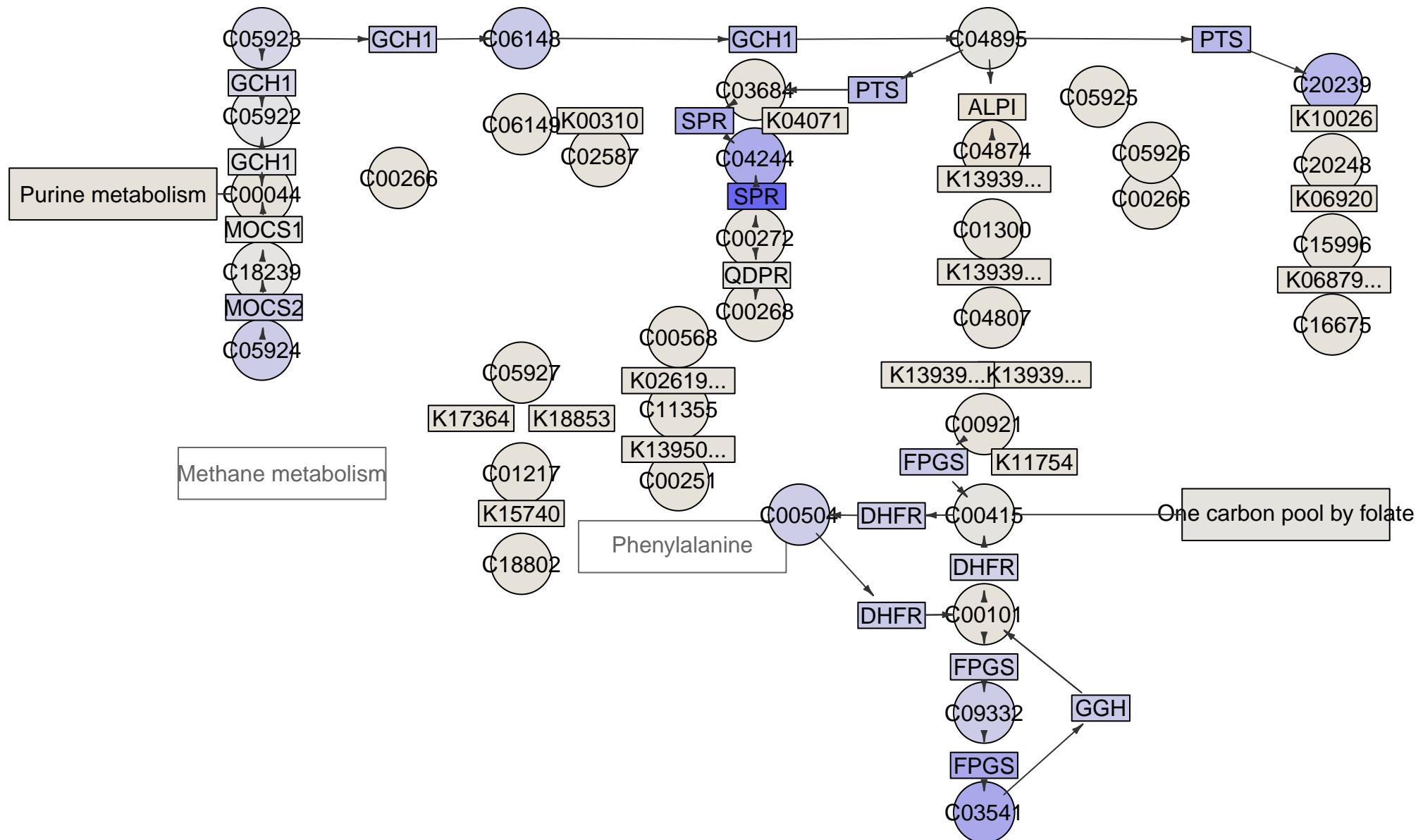
Folate biosynthesis  
MPI-162



Folate biosynthesis  
MPI-165

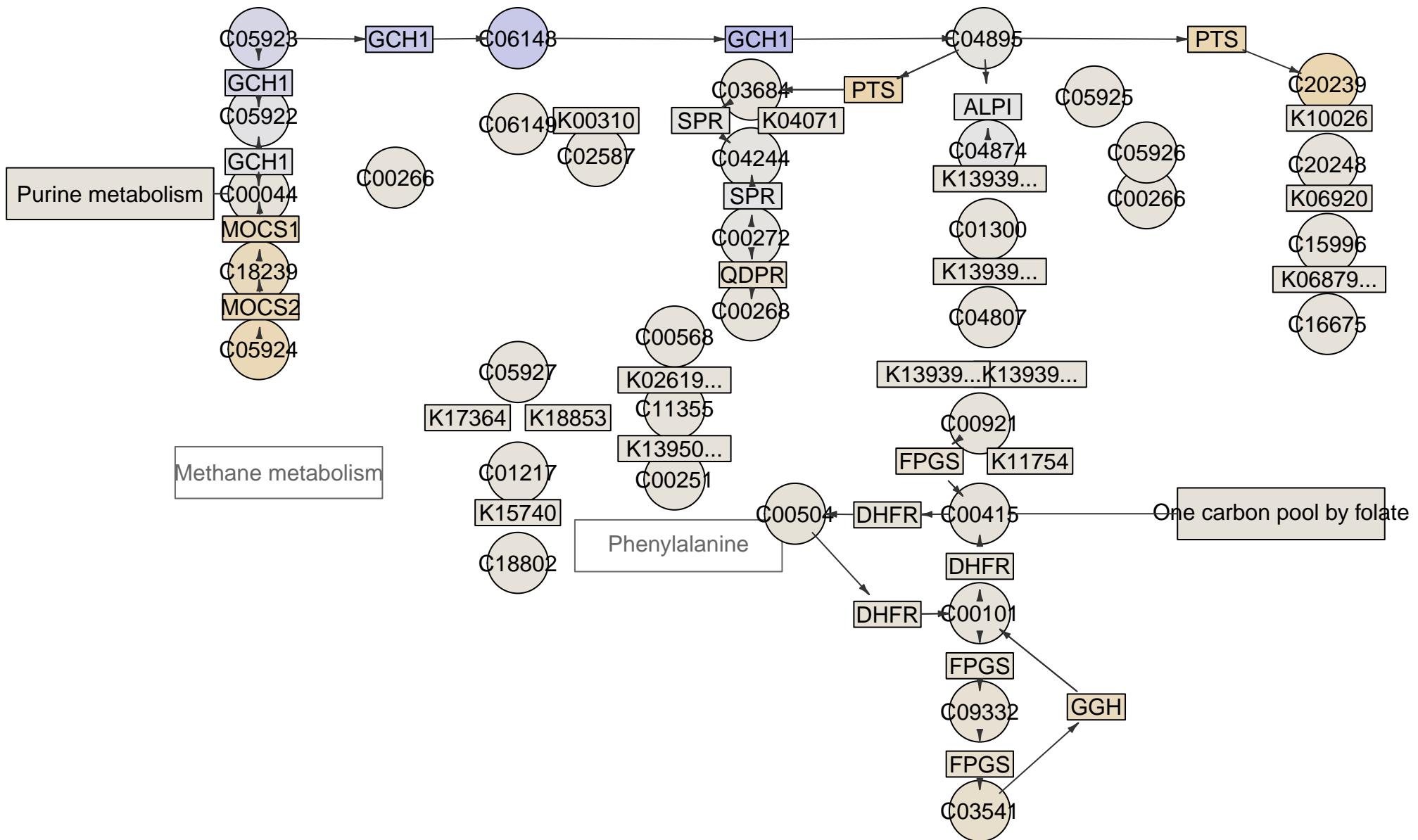


Folate biosynthesis  
MPI-169

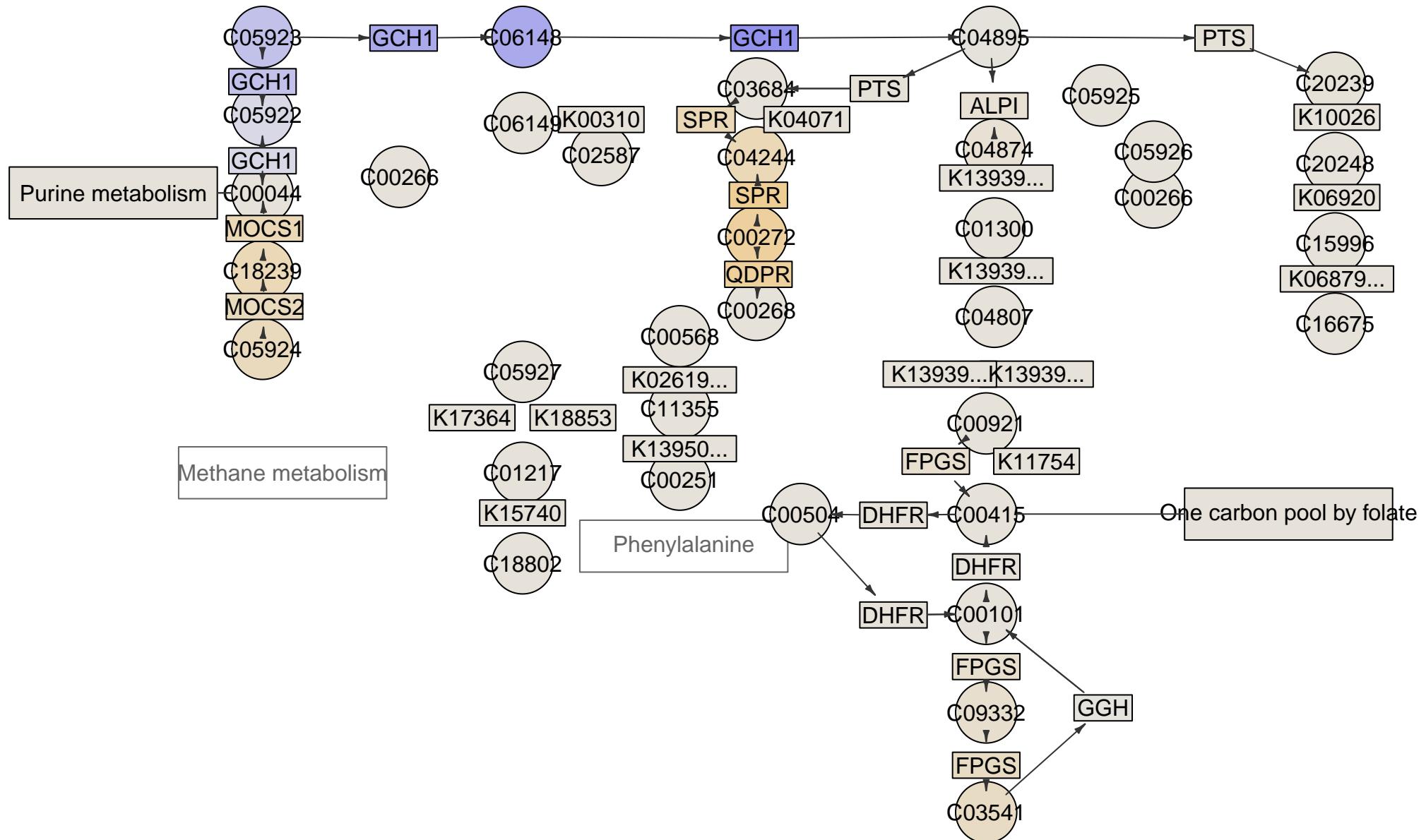


# Folate biosynthesis

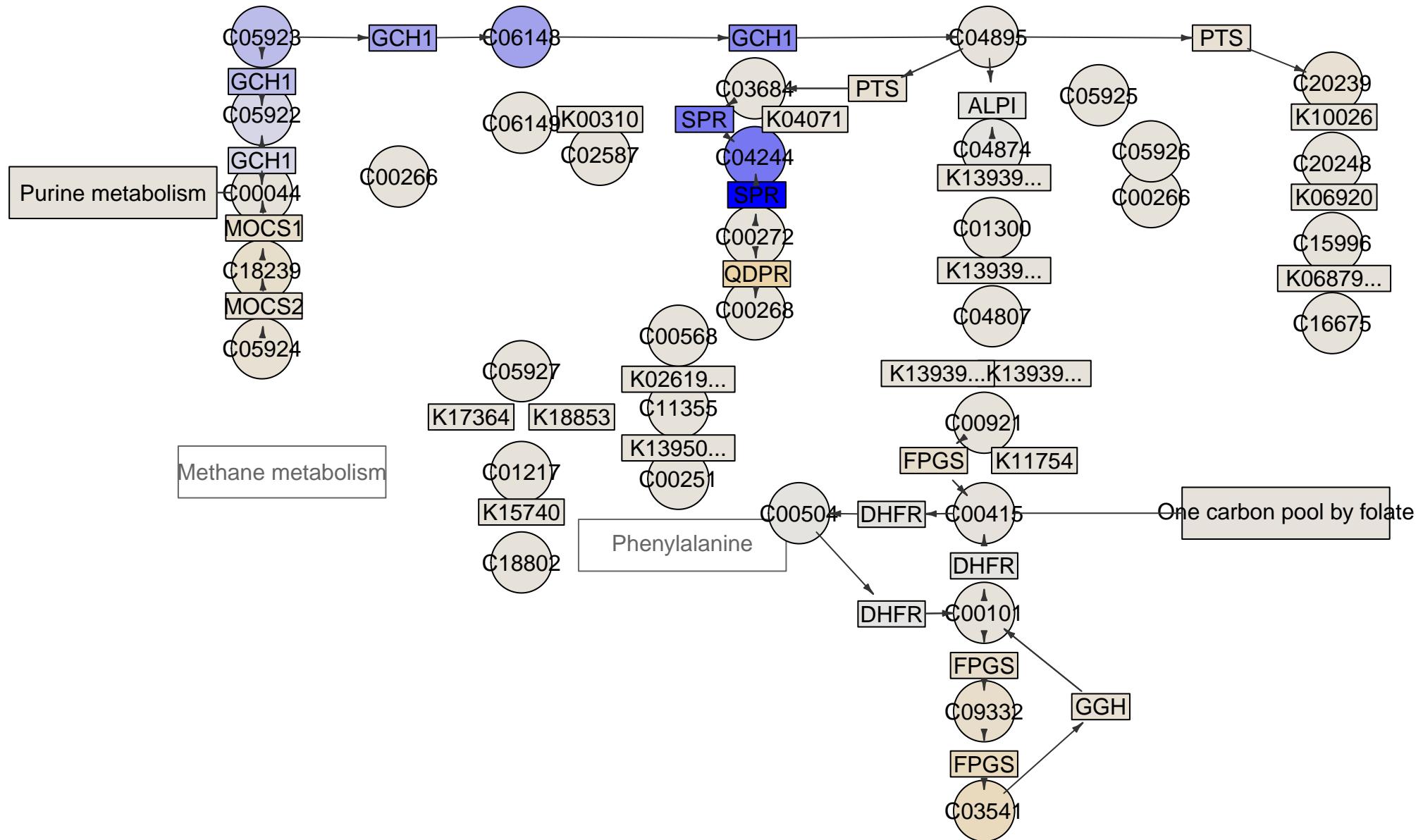
## MPI-175



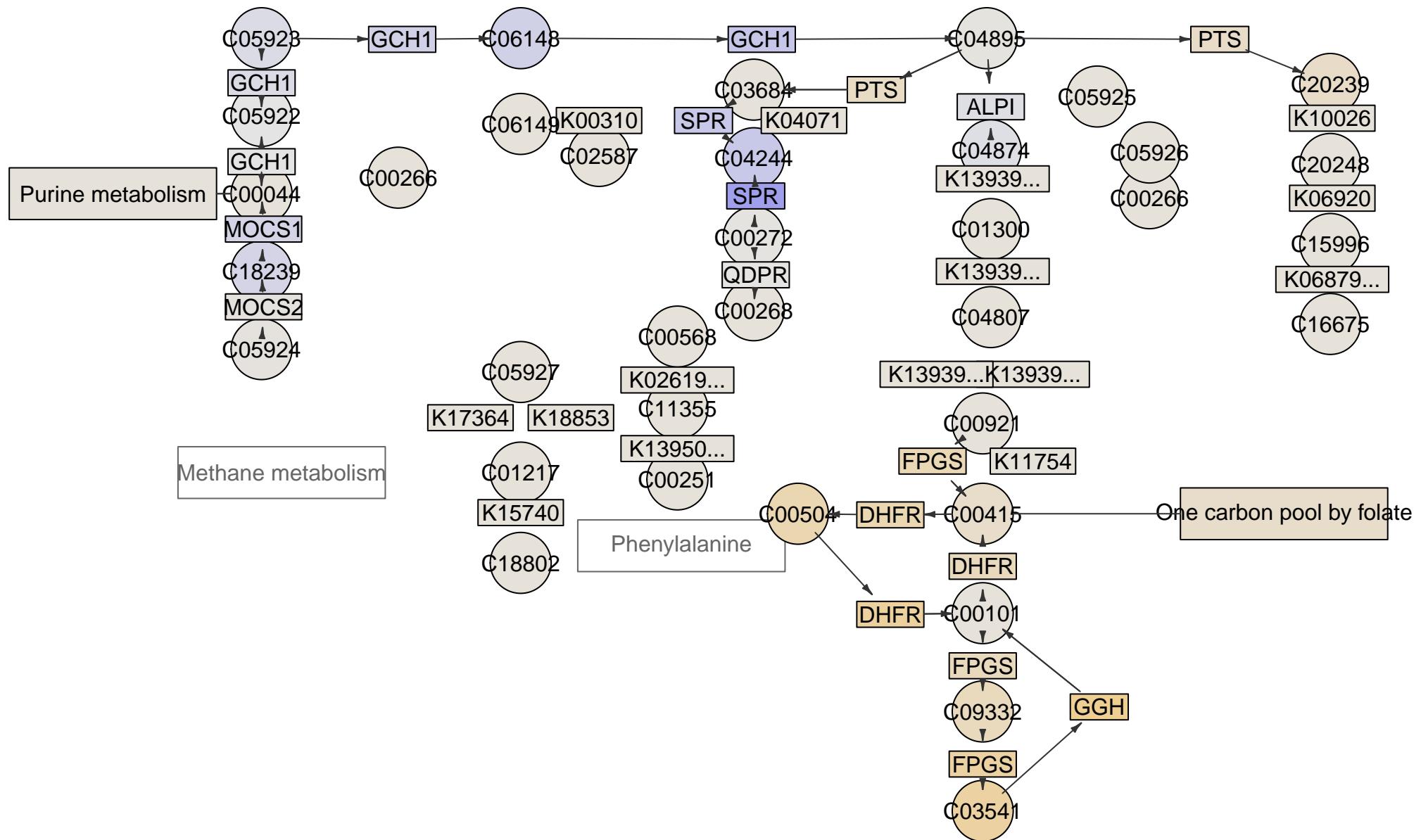
Folate biosynthesis  
MPI-187



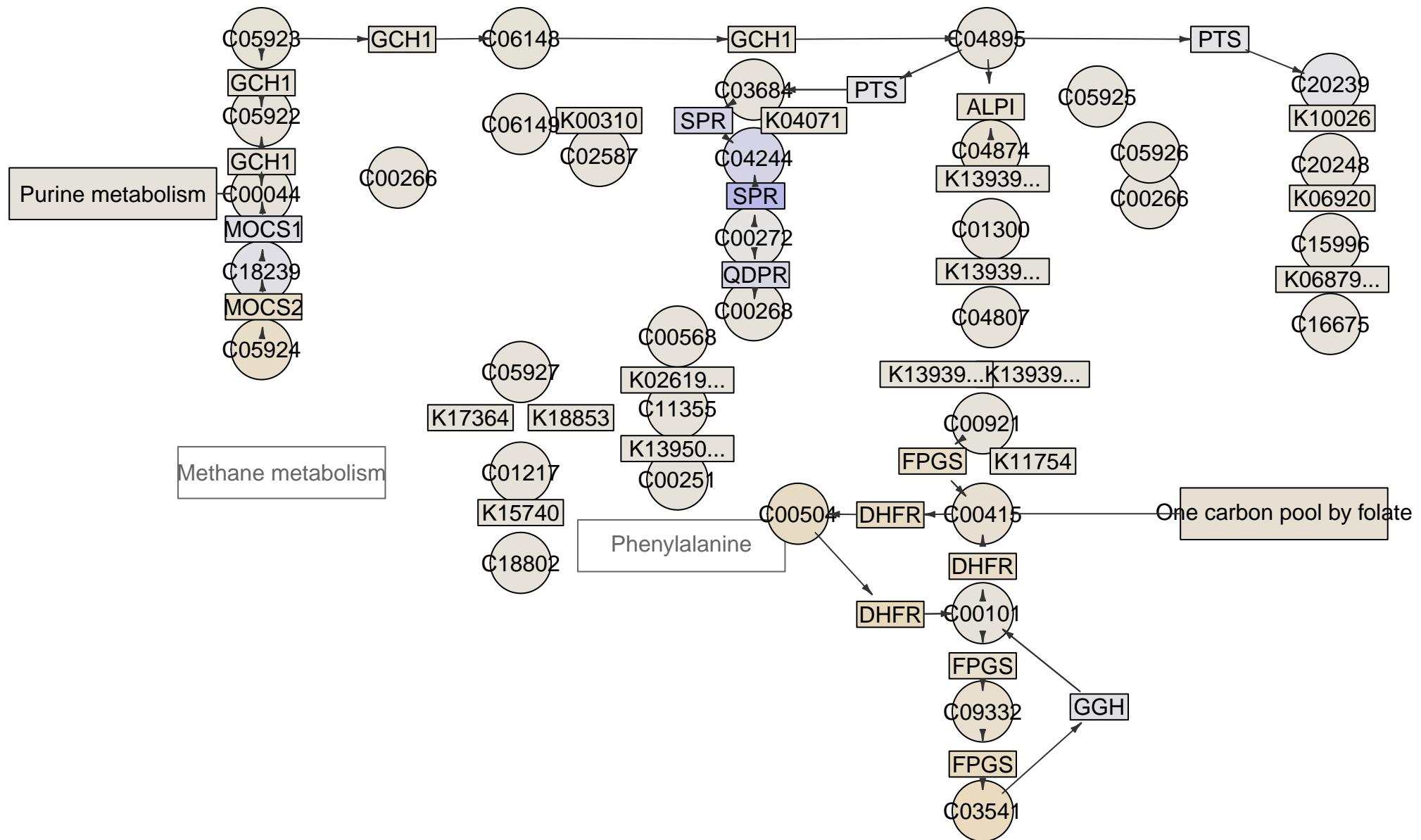
Folate biosynthesis  
MPI-193



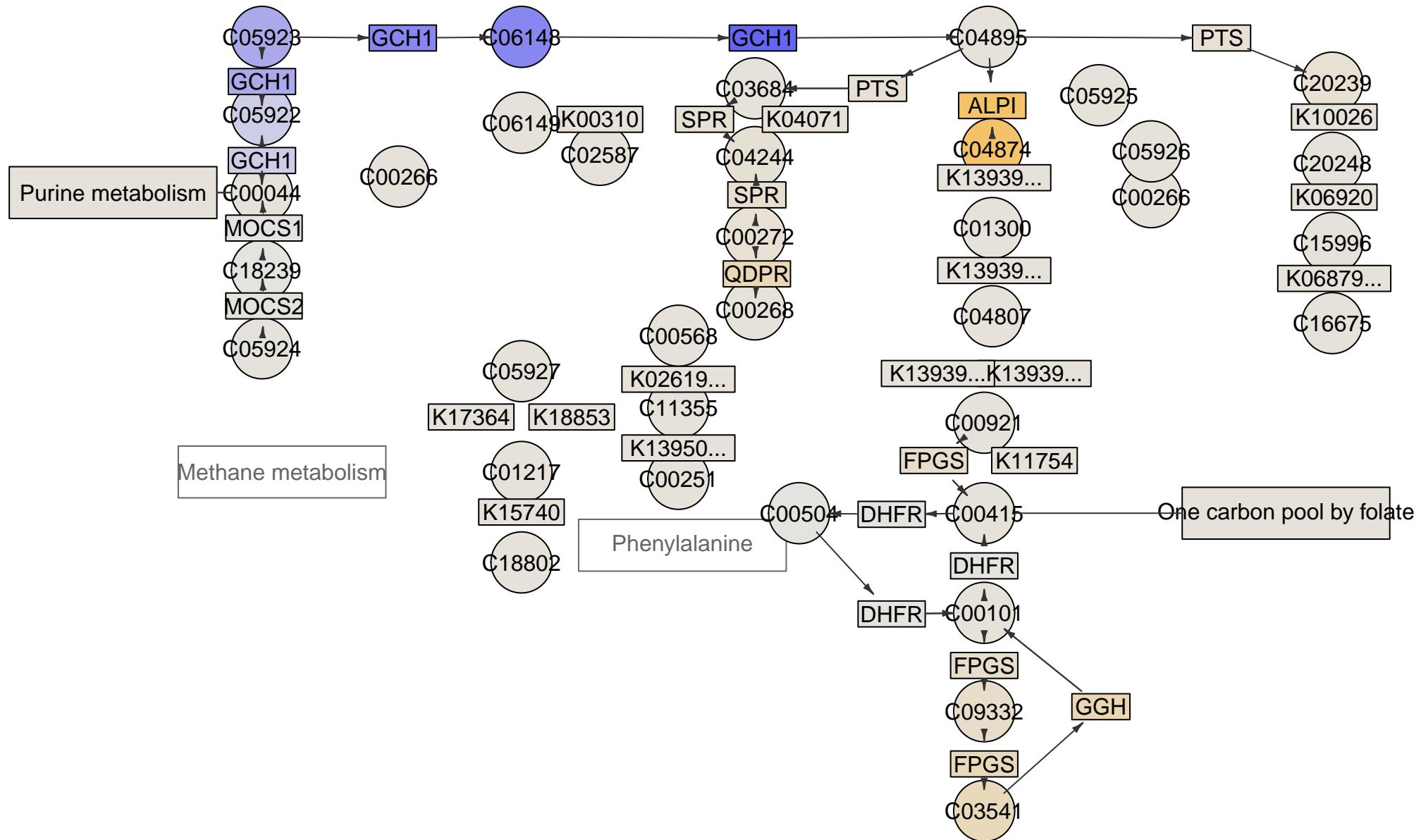
Folate biosynthesis  
MPI-216



Folate biosynthesis  
MPI-222

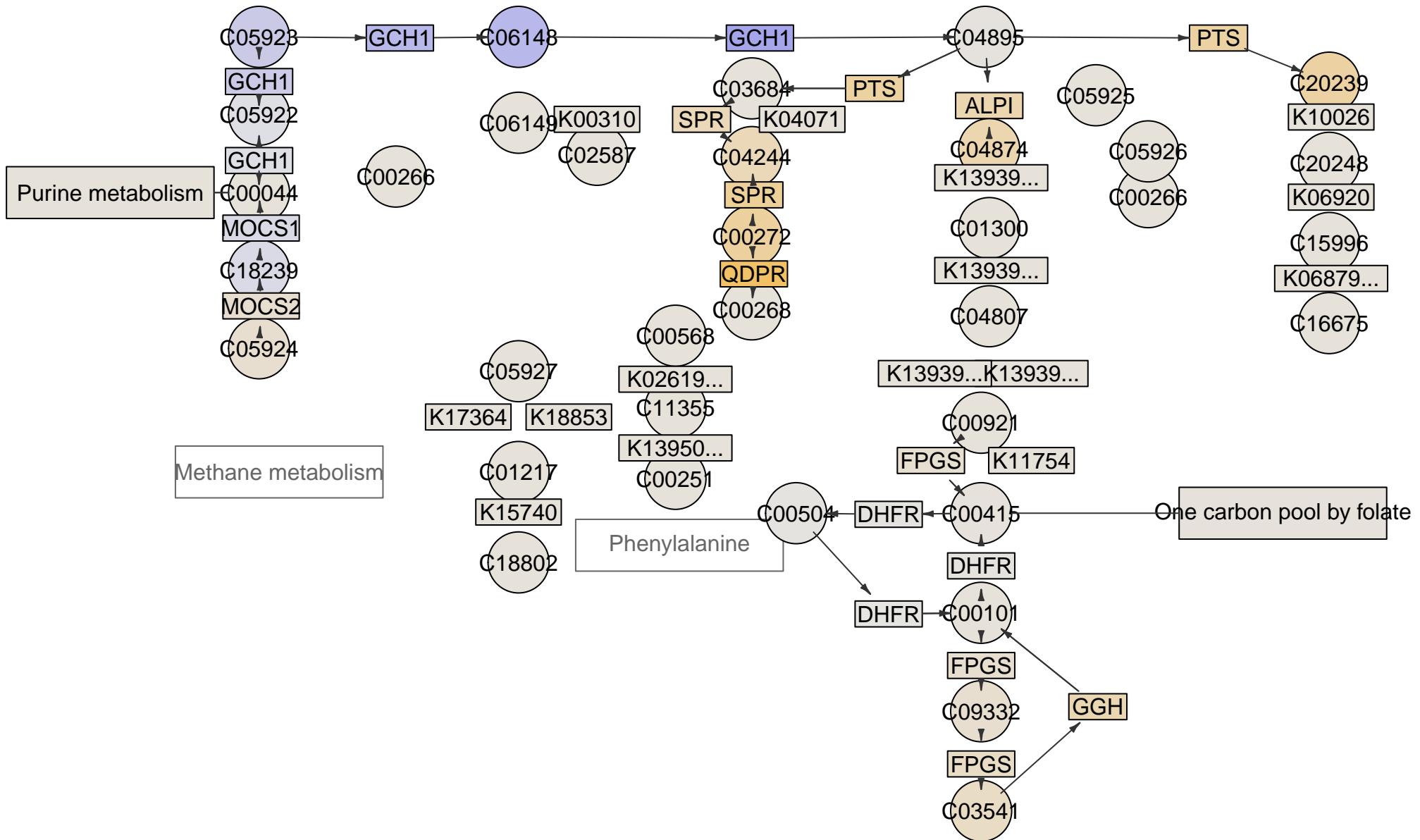


Folate biosynthesis  
MPI-225

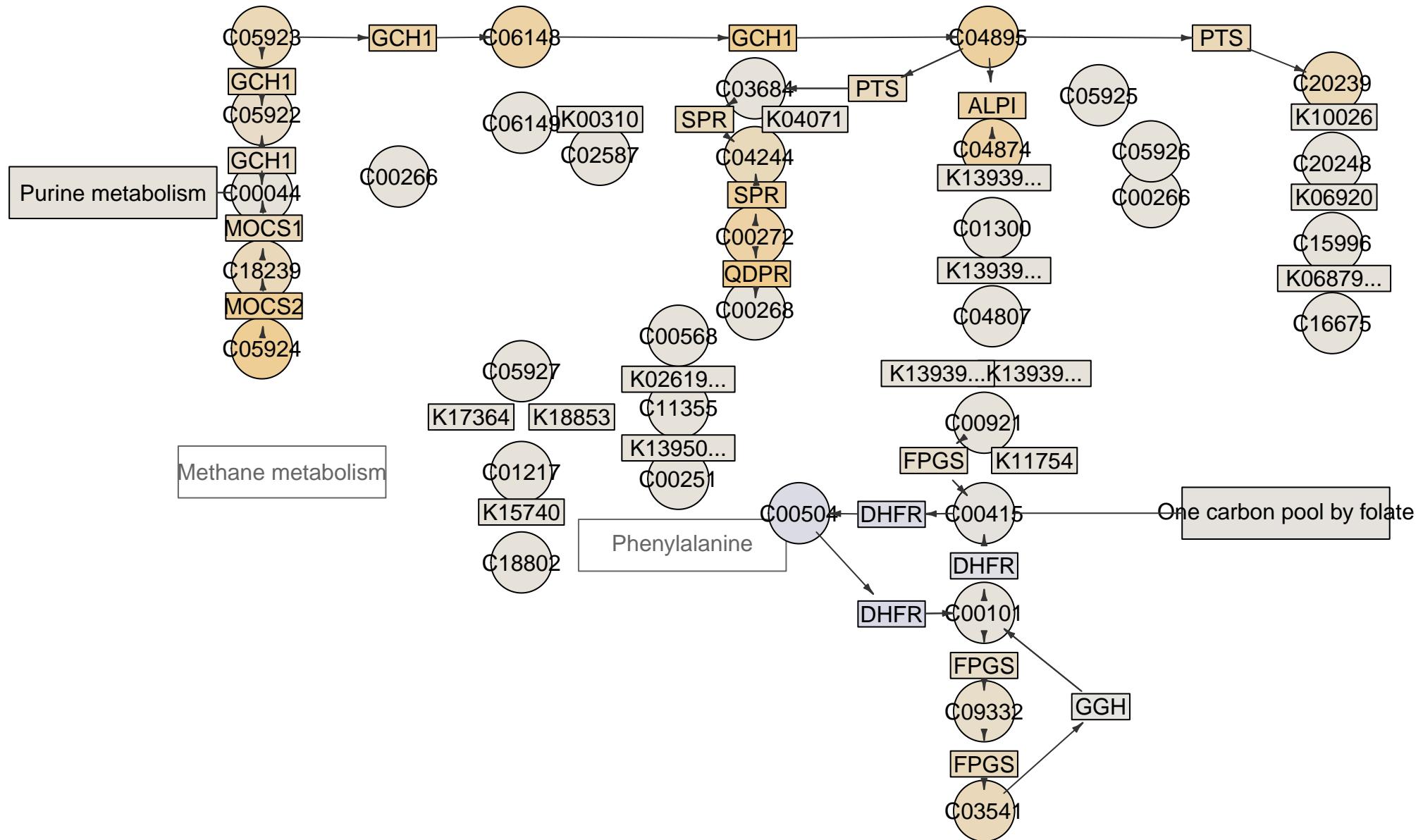


# Folate biosynthesis

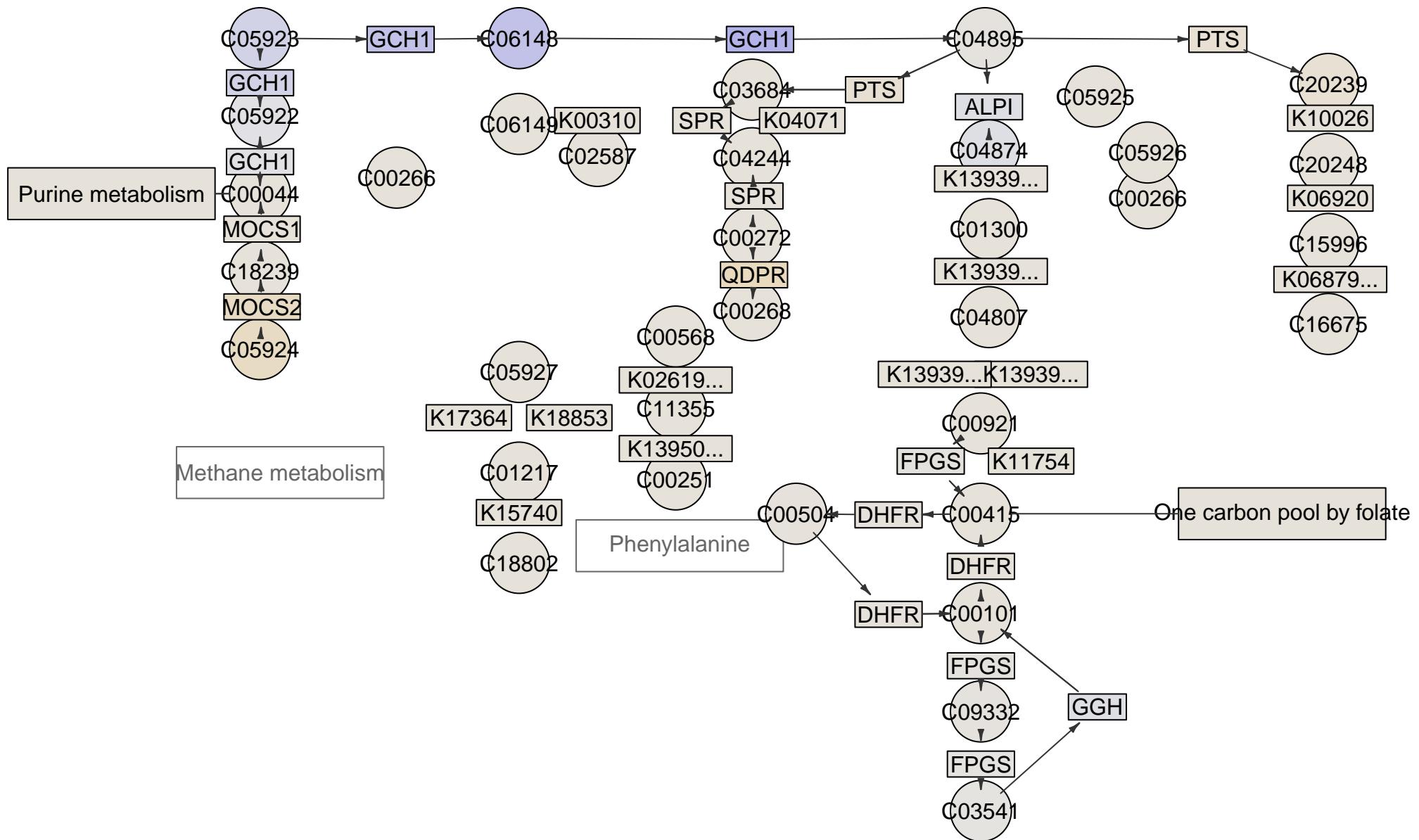
## MPI-242



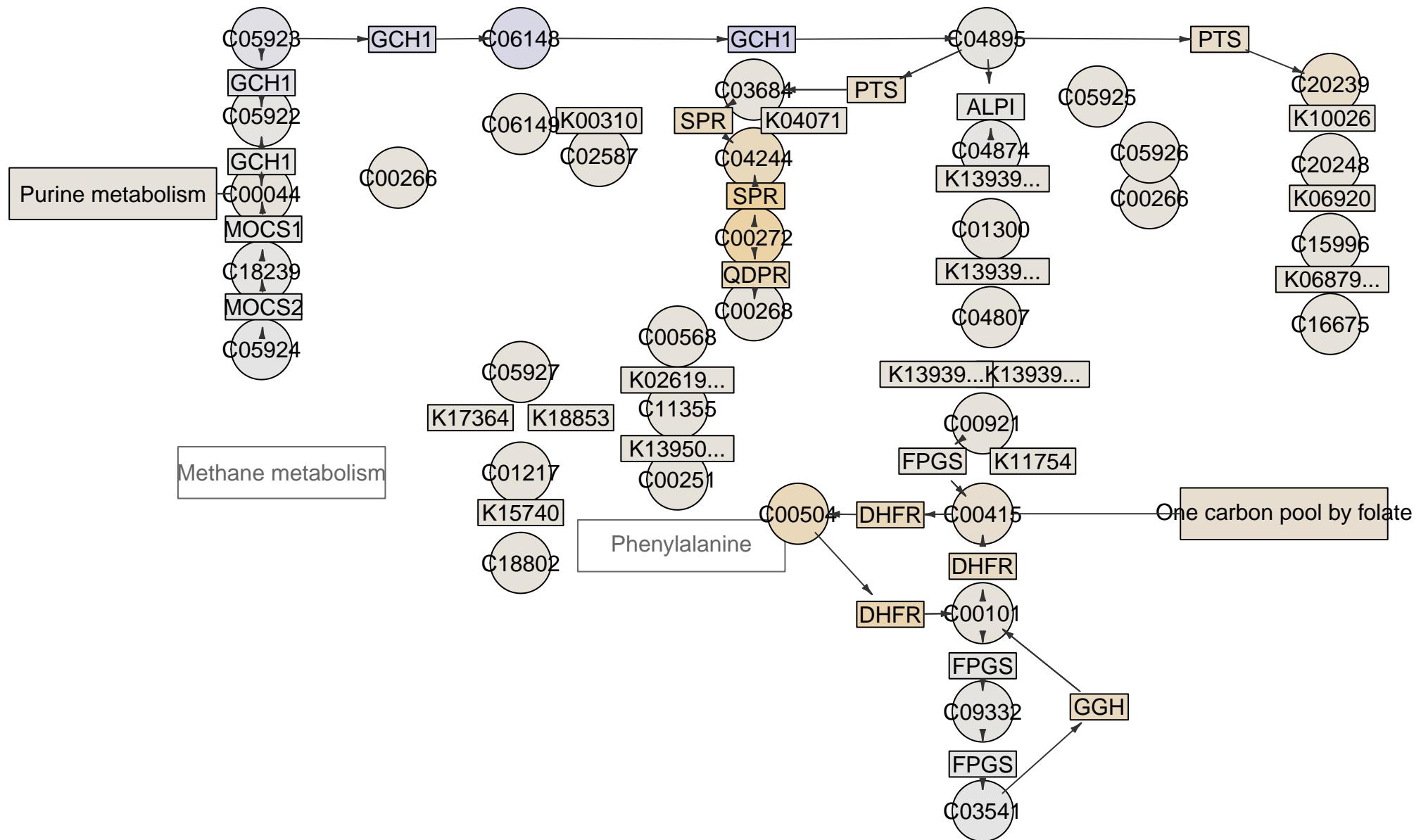
Folate biosynthesis  
MPI-245



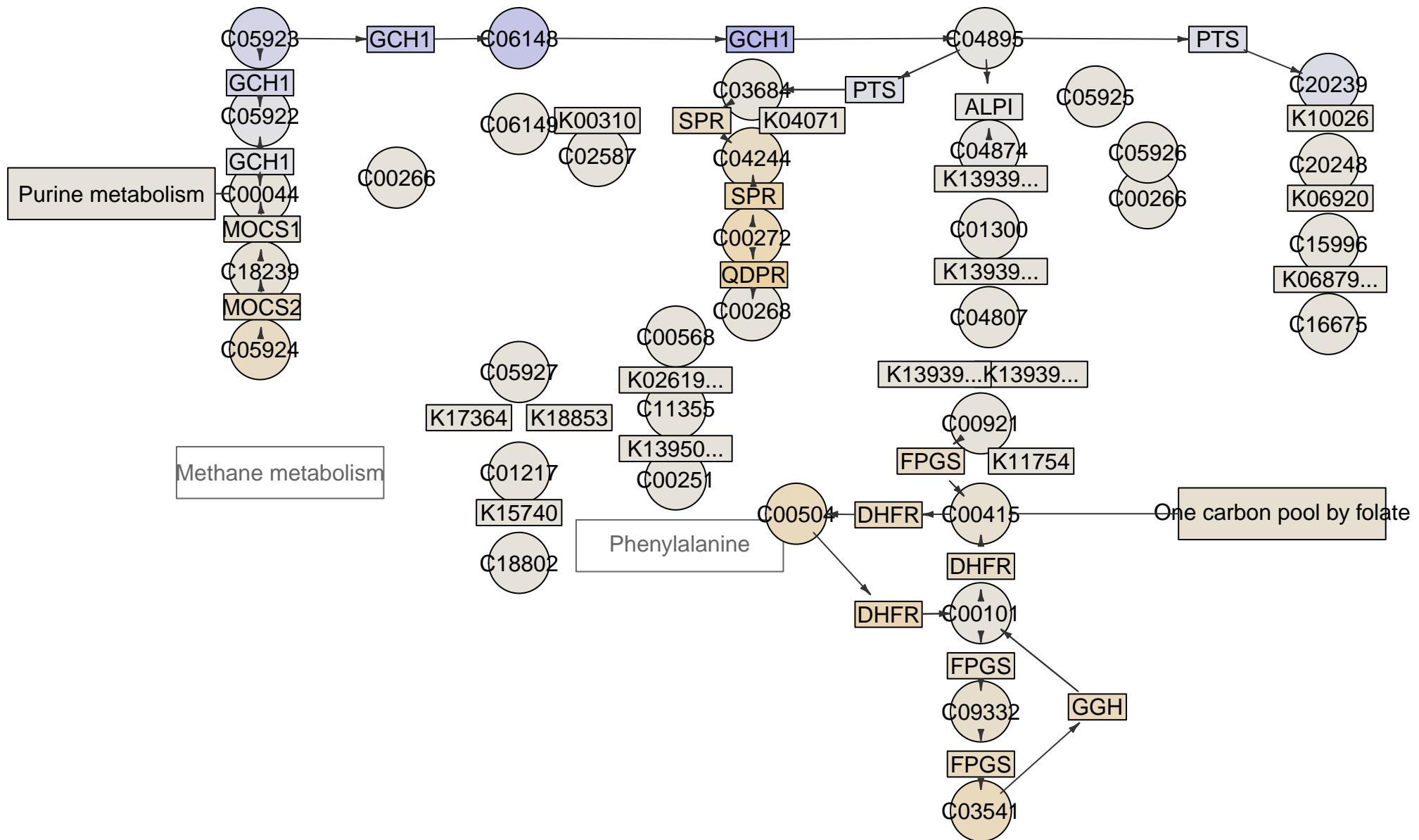
Folate biosynthesis  
MPI-248



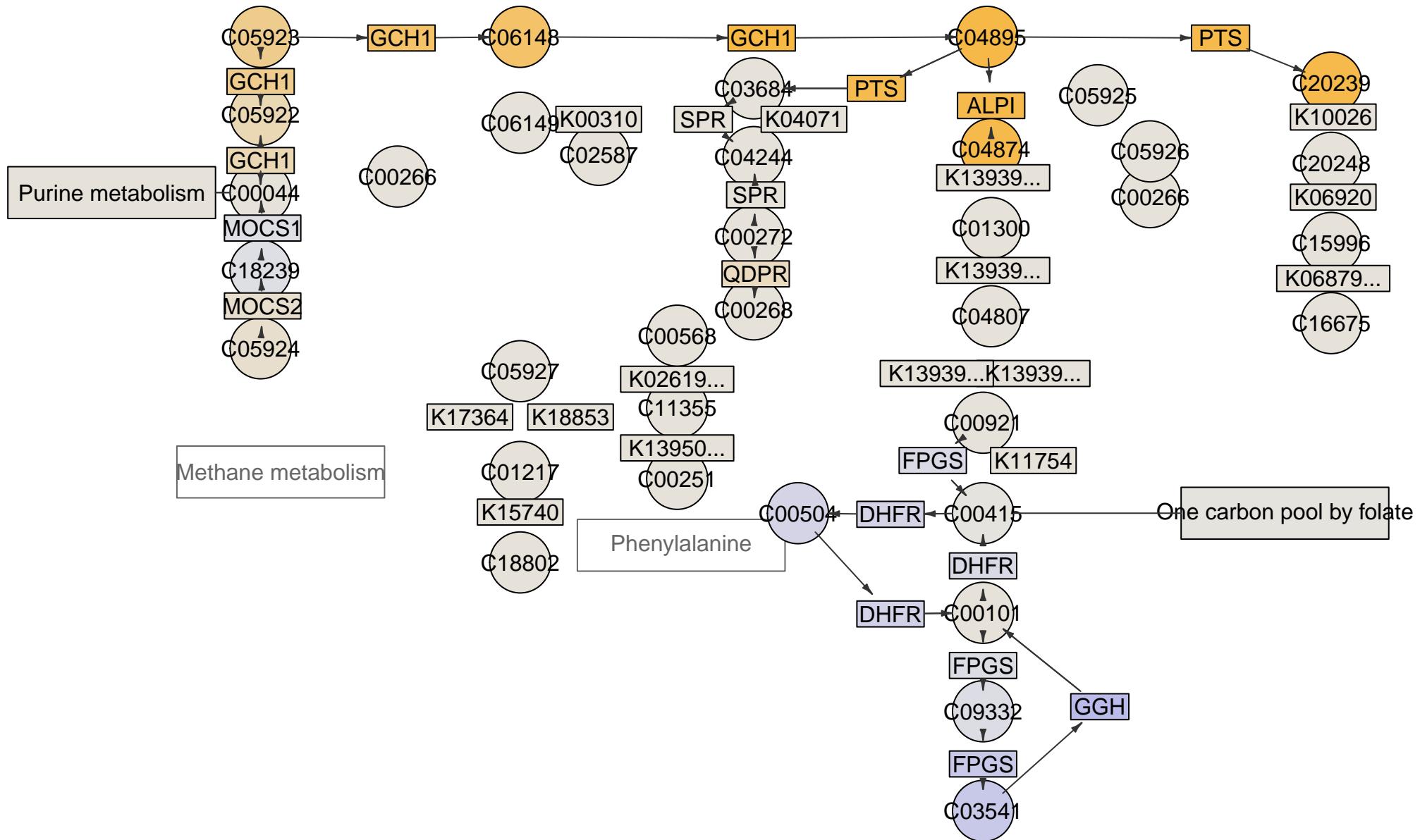
Folate biosynthesis  
MPI-249



Folate biosynthesis  
MPI-250

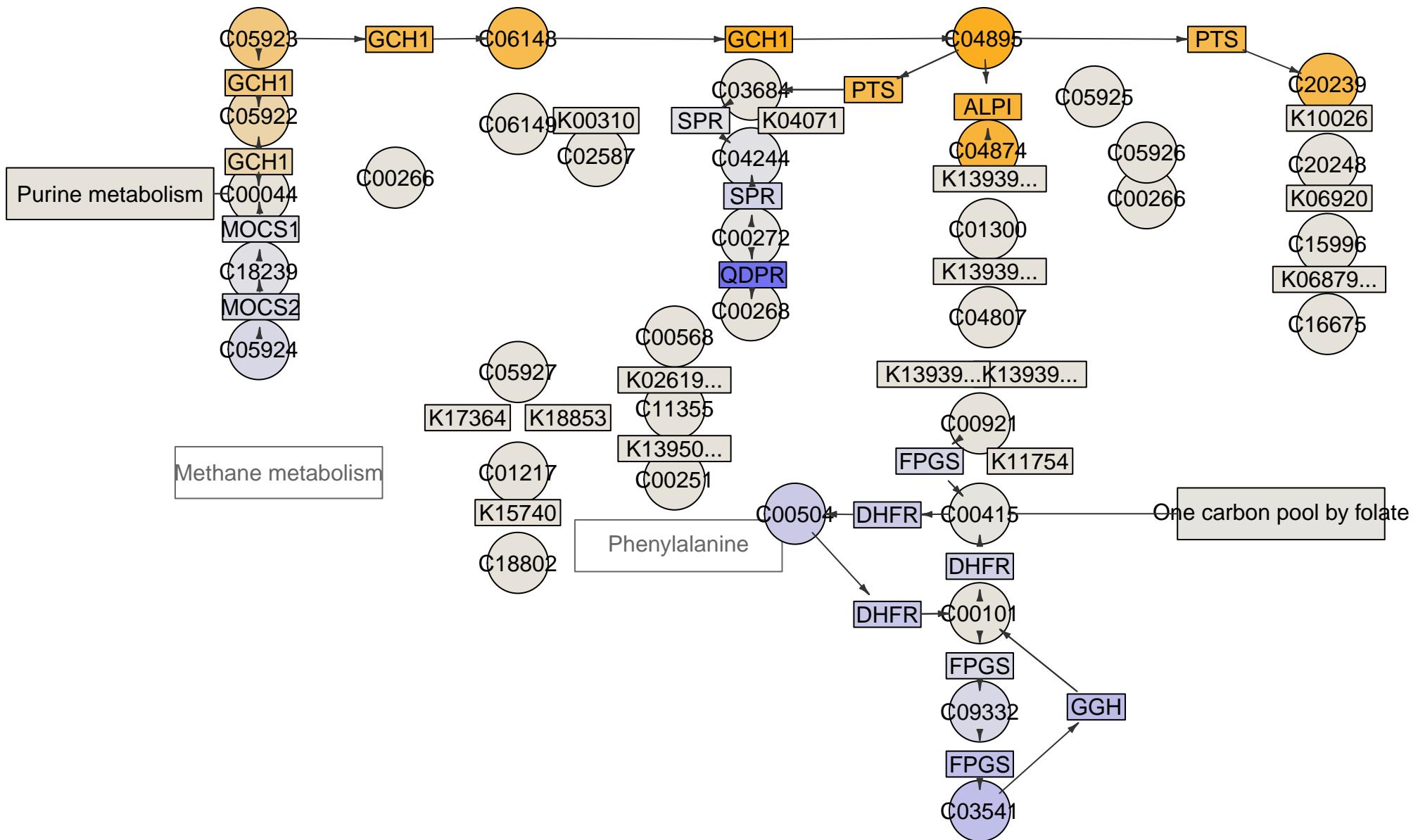


Folate biosynthesis  
MPI-008

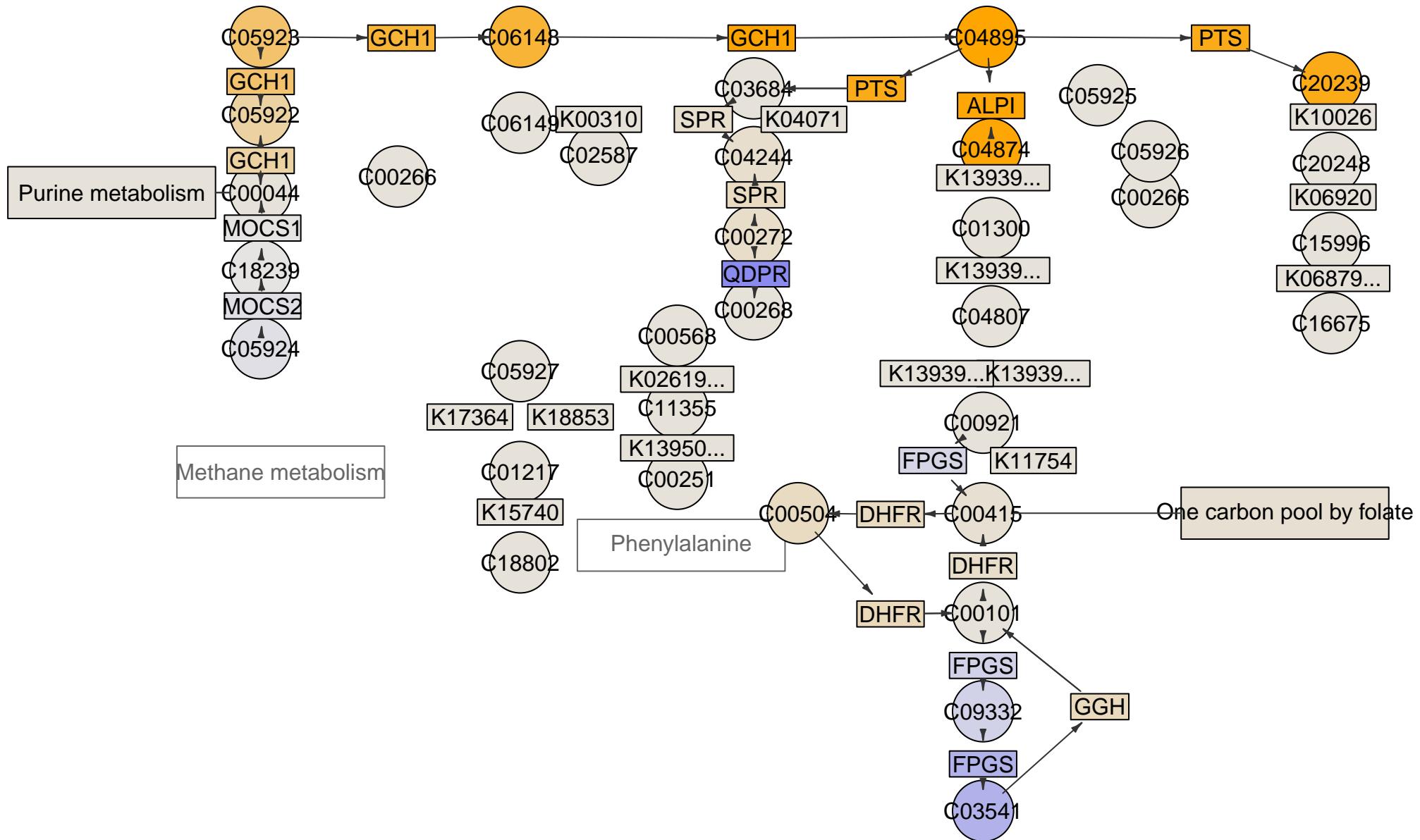


# Folate biosynthesis

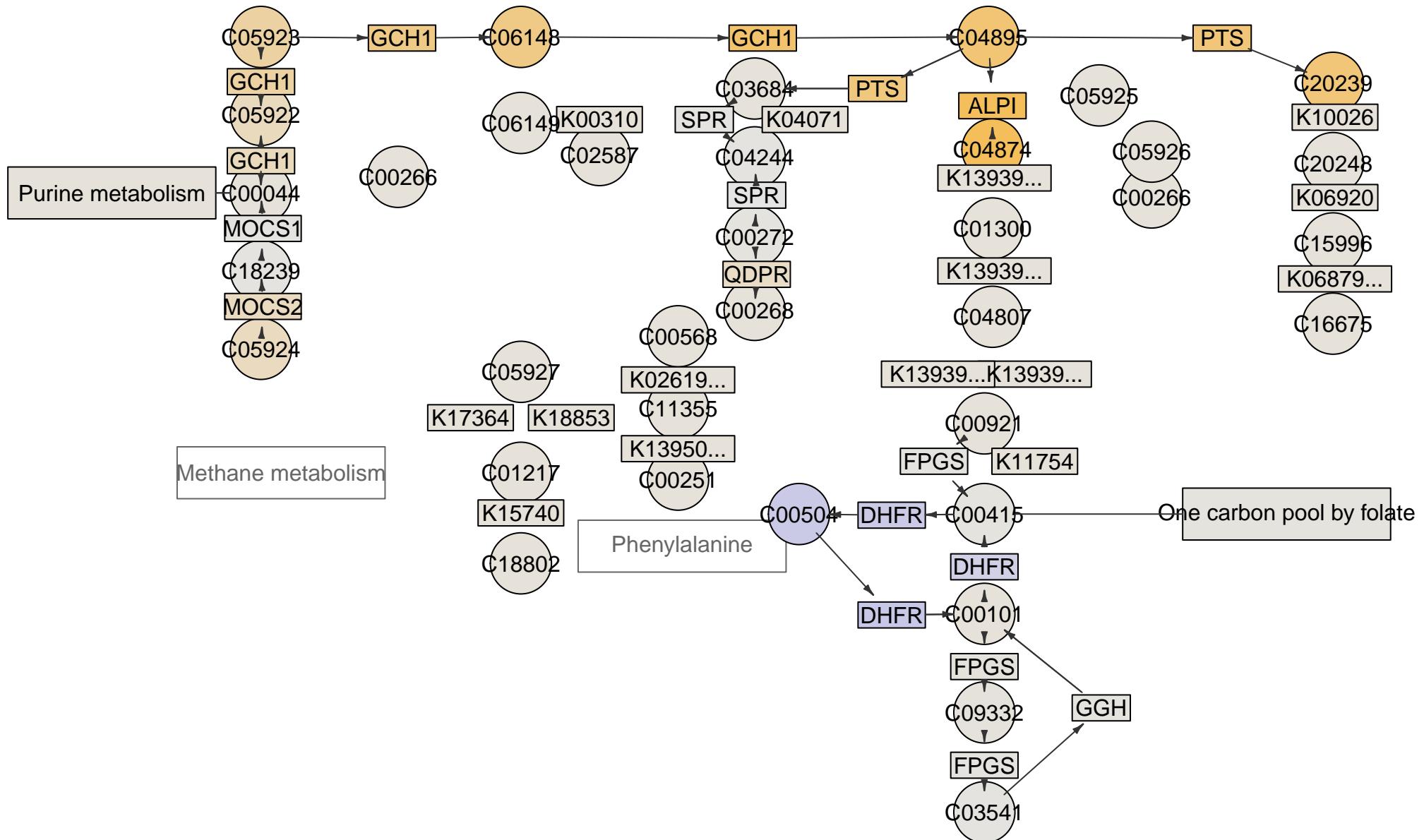
## MPI–009



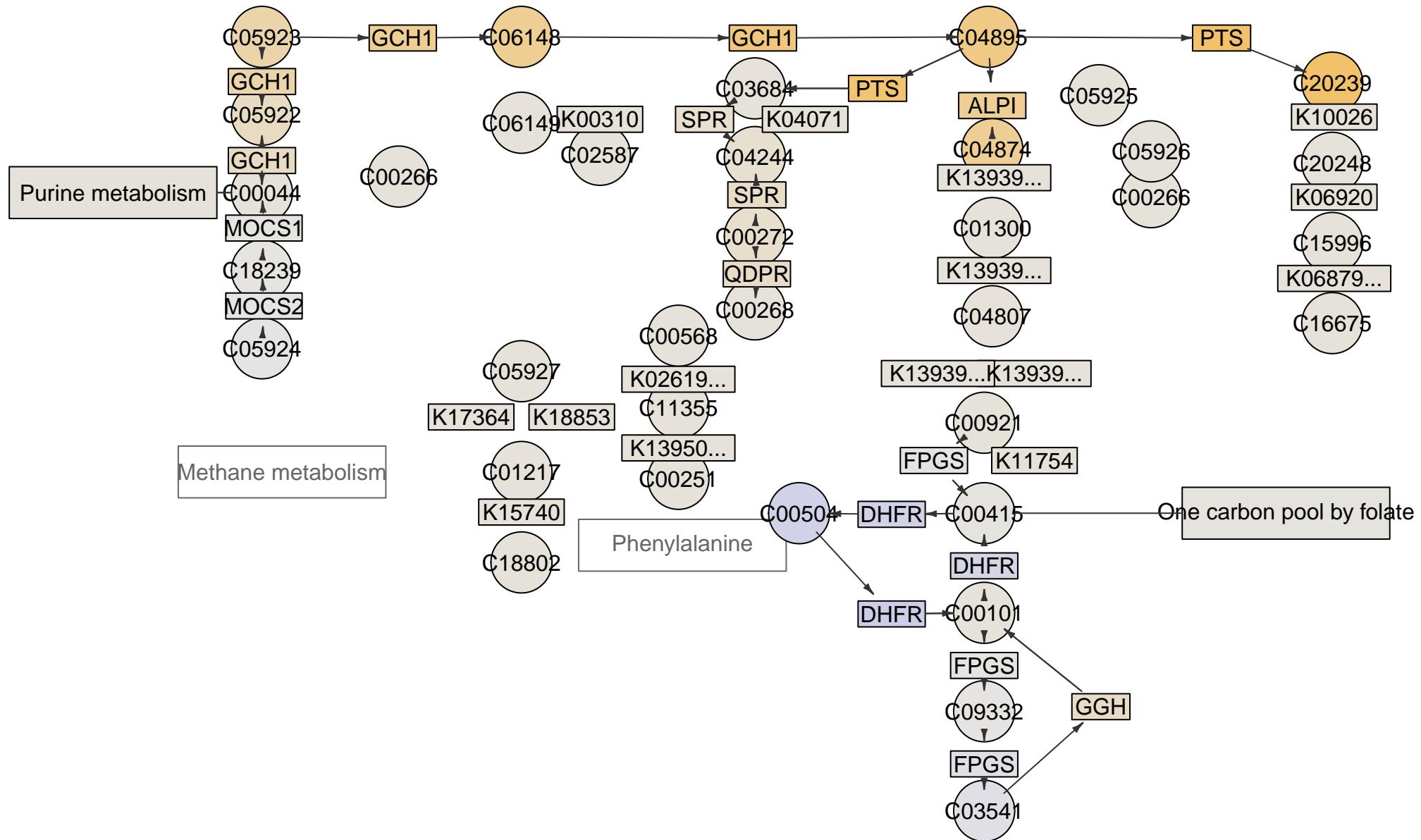
Folate biosynthesis  
MPI-1010



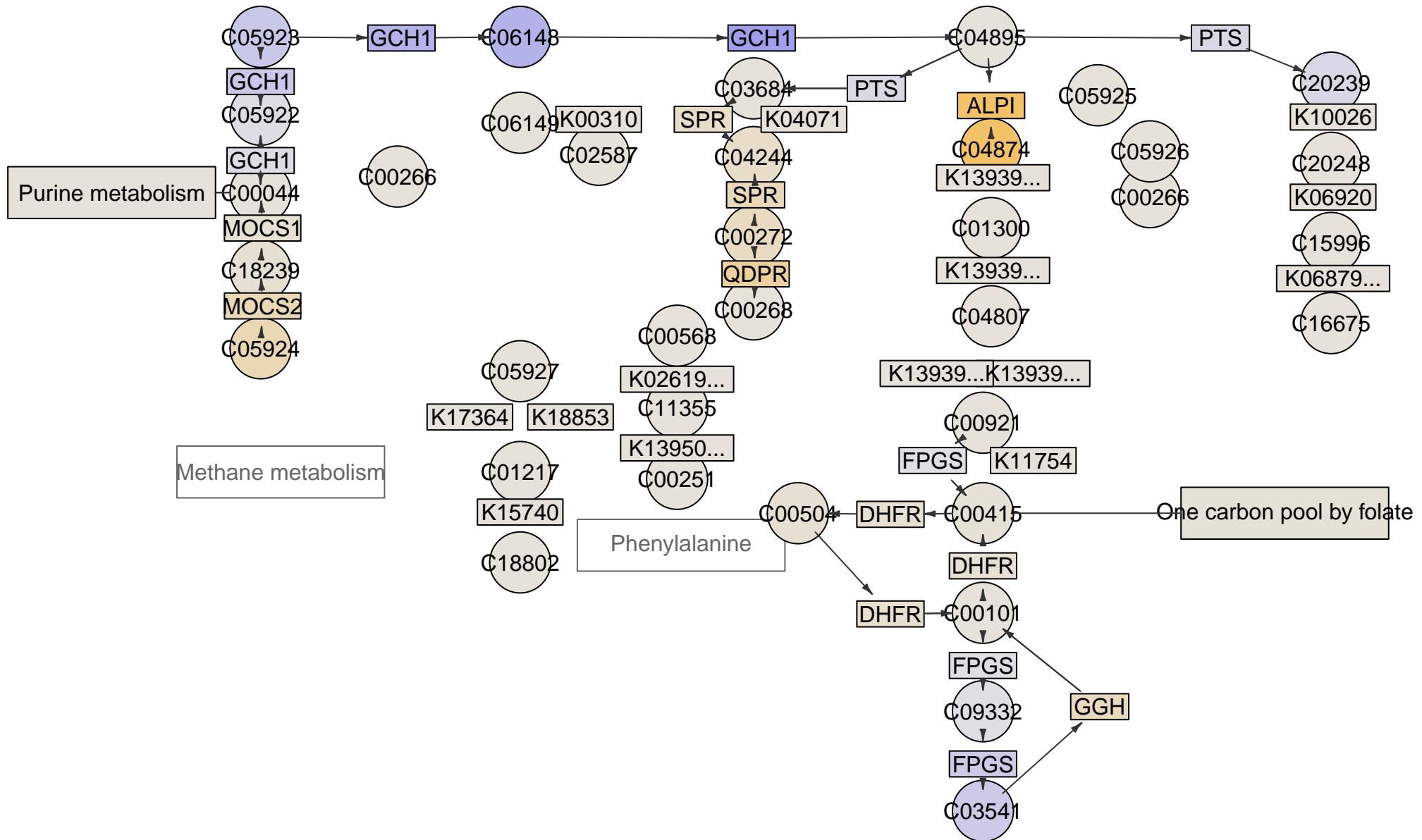
Folate biosynthesis  
MPI-012



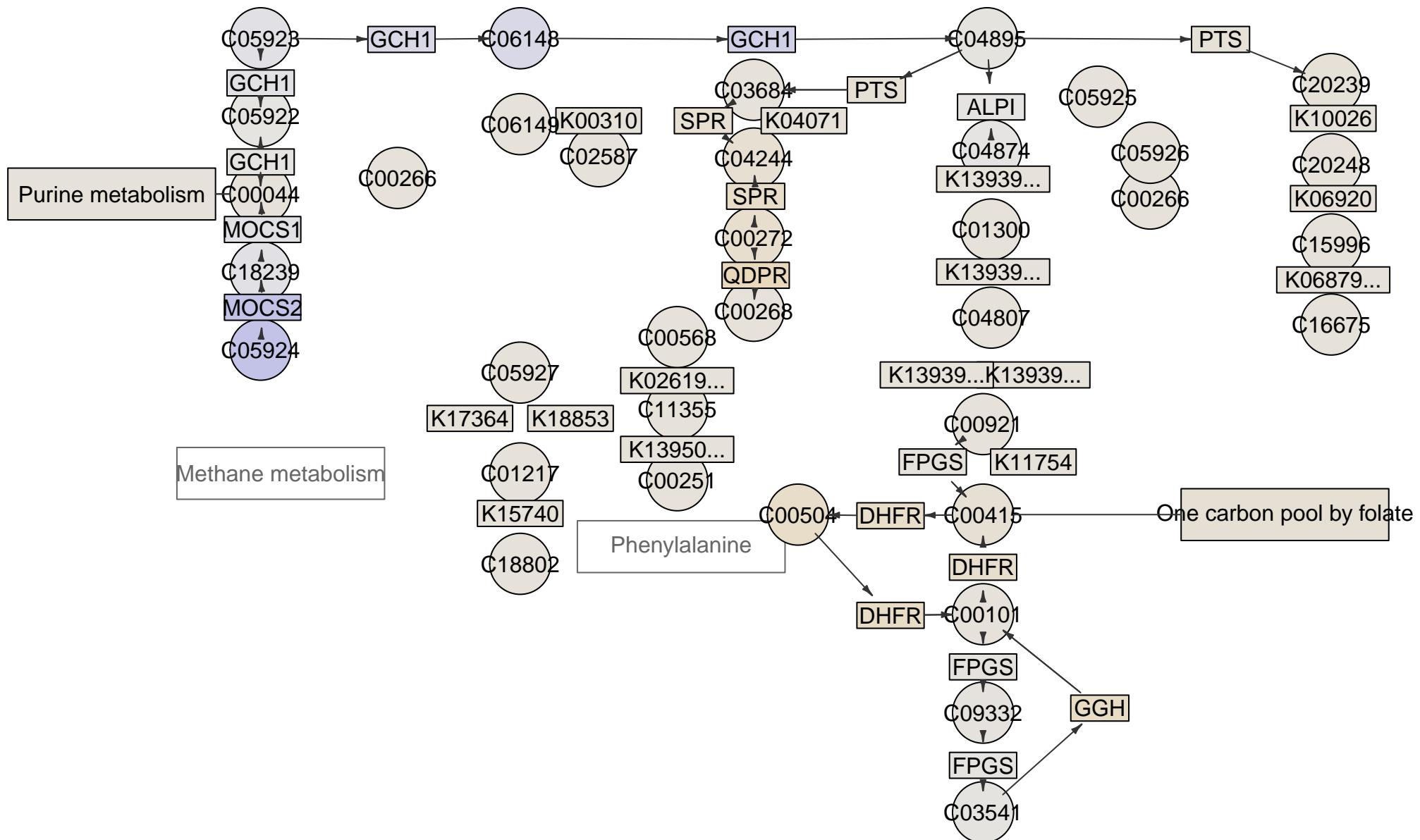
Folate biosynthesis  
MPI-013



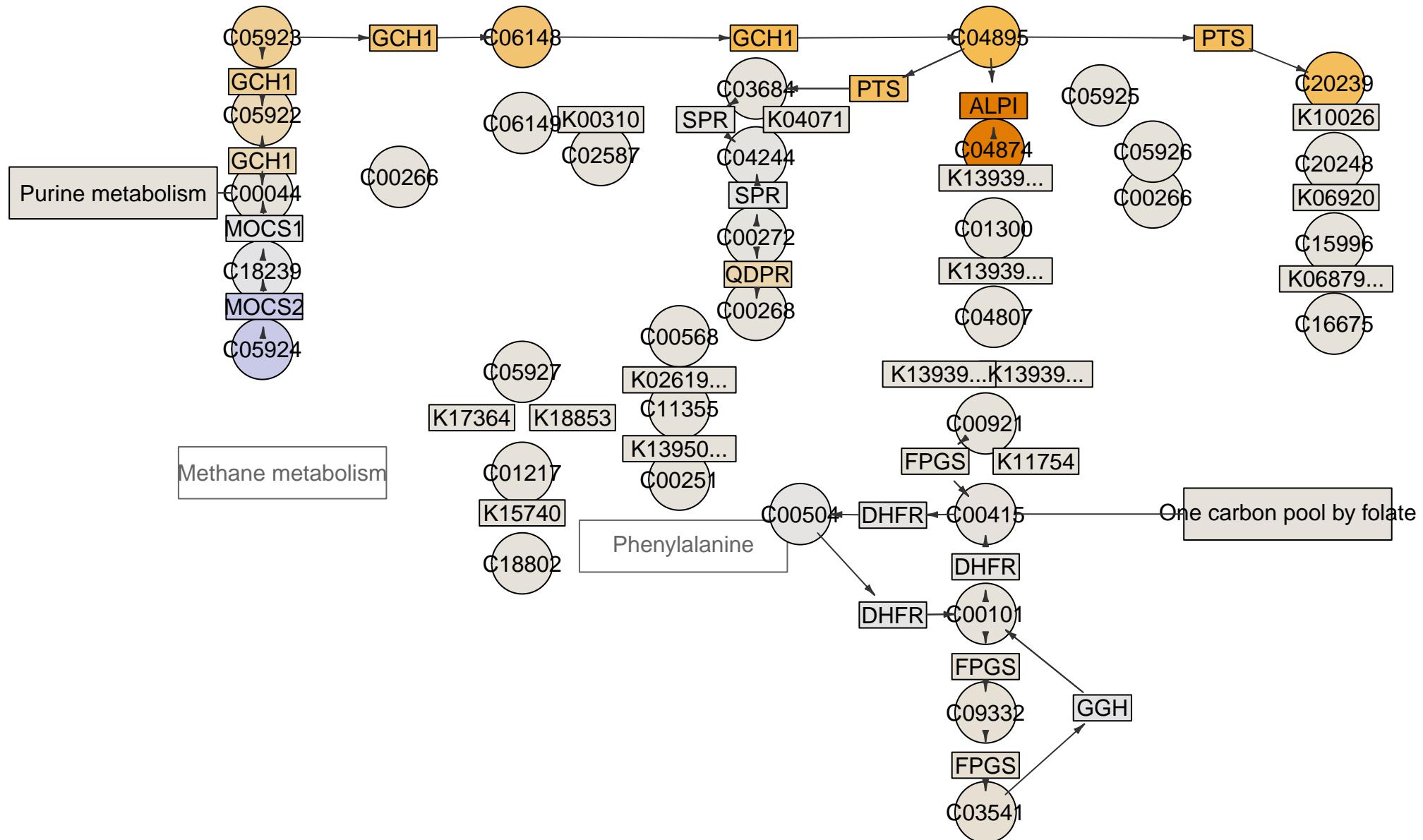
Folate biosynthesis  
MPI-014



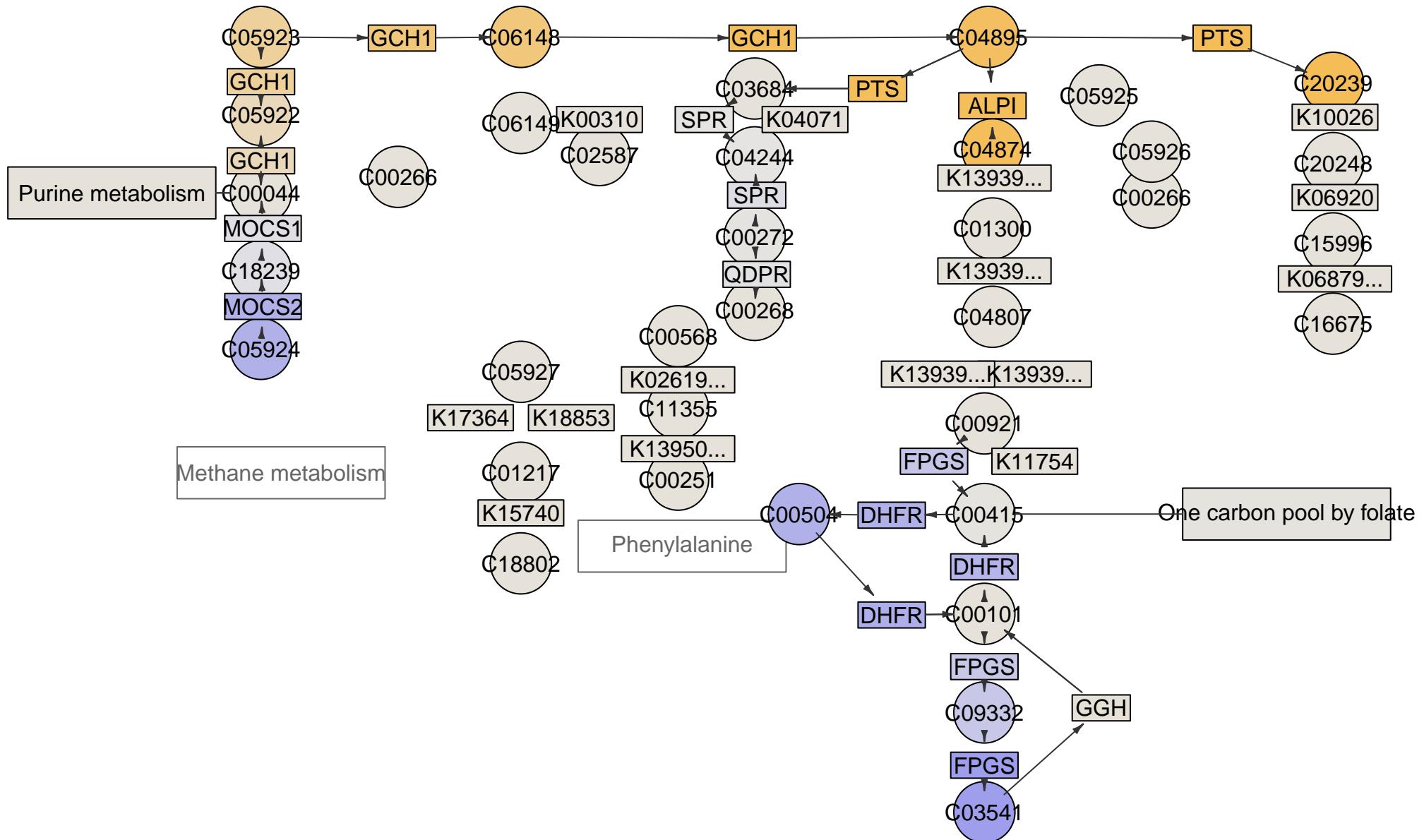
Folate biosynthesis  
MPI-015



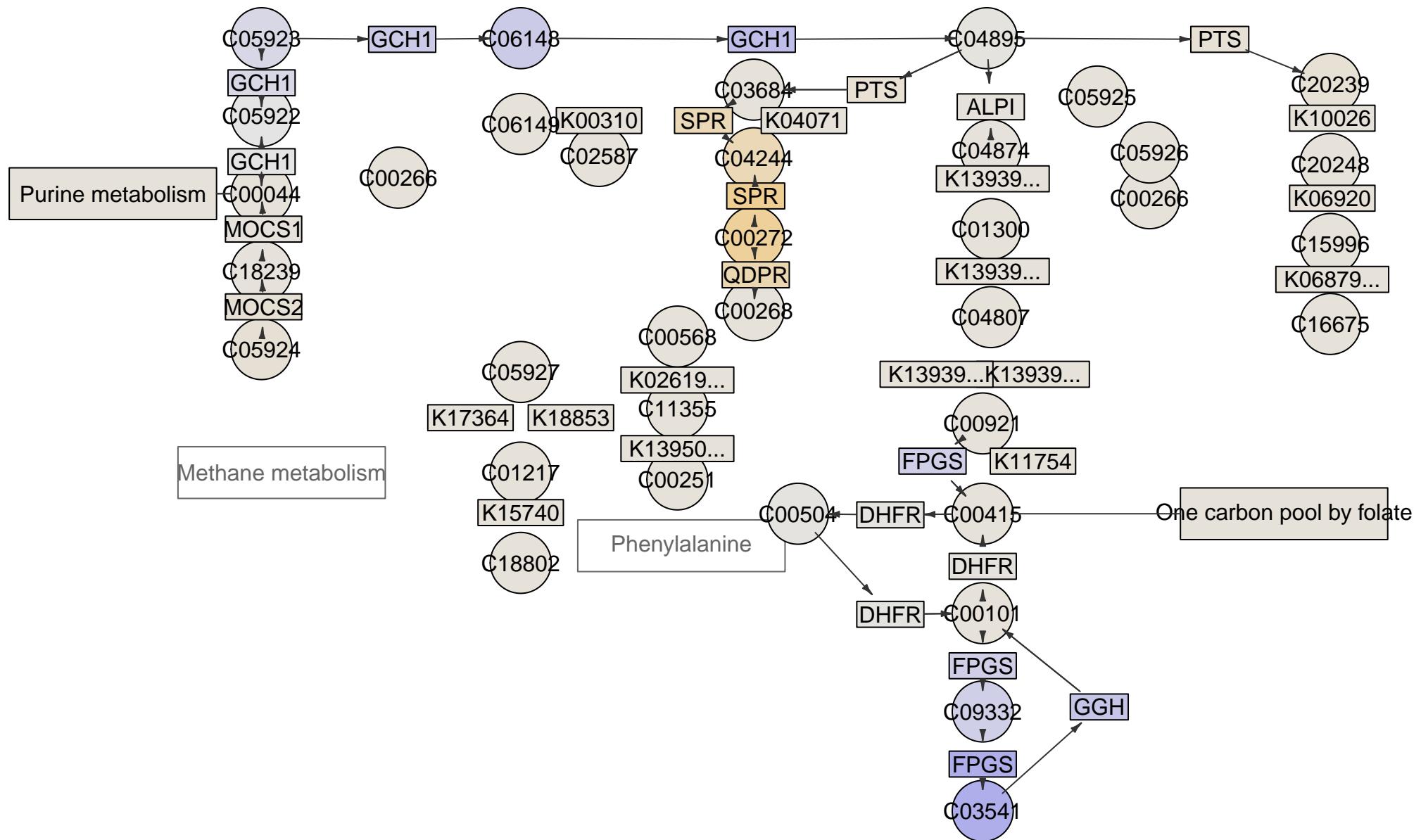
Folate biosynthesis  
MPI-021



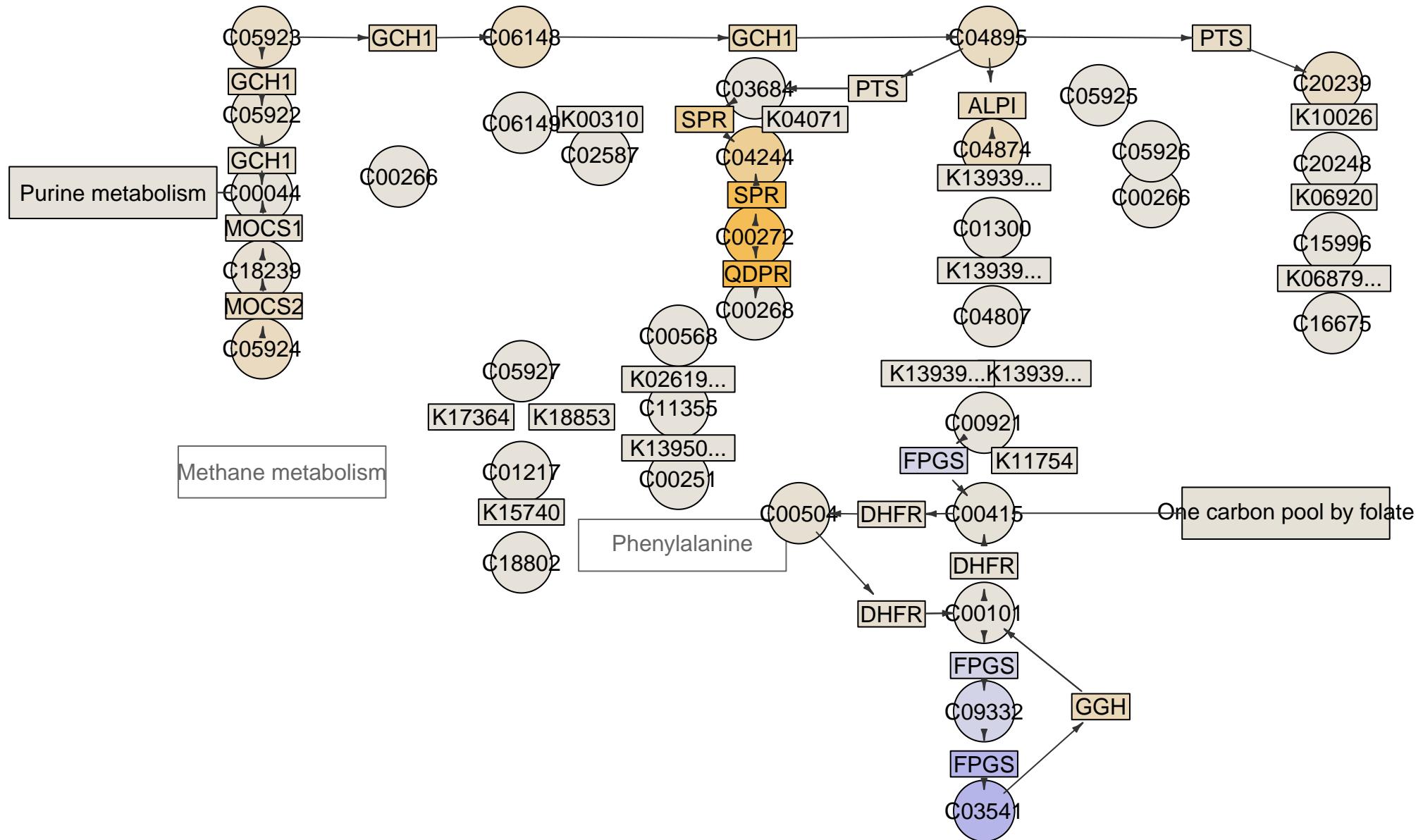
Folate biosynthesis  
MPI-022



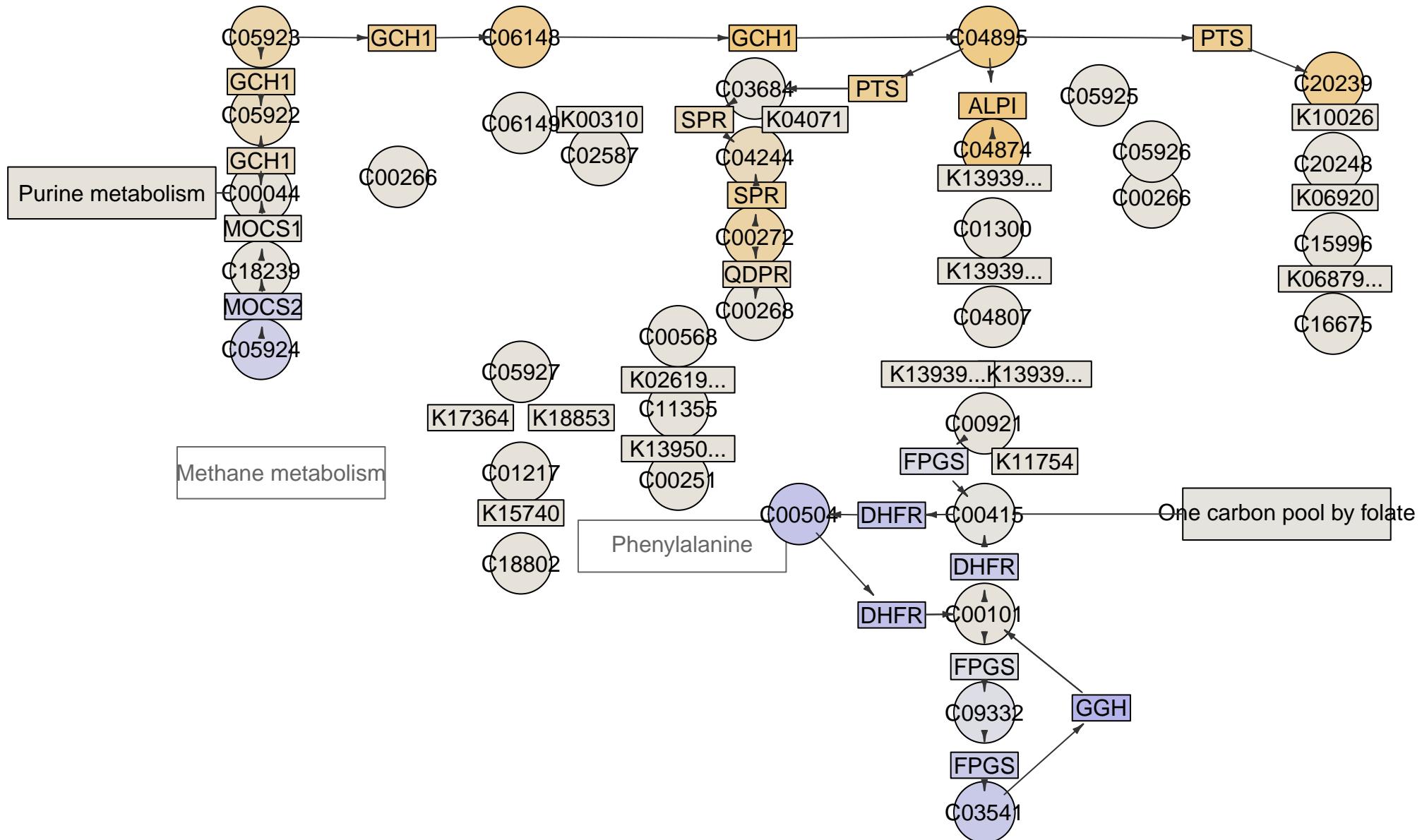
Folate biosynthesis  
MPI-025



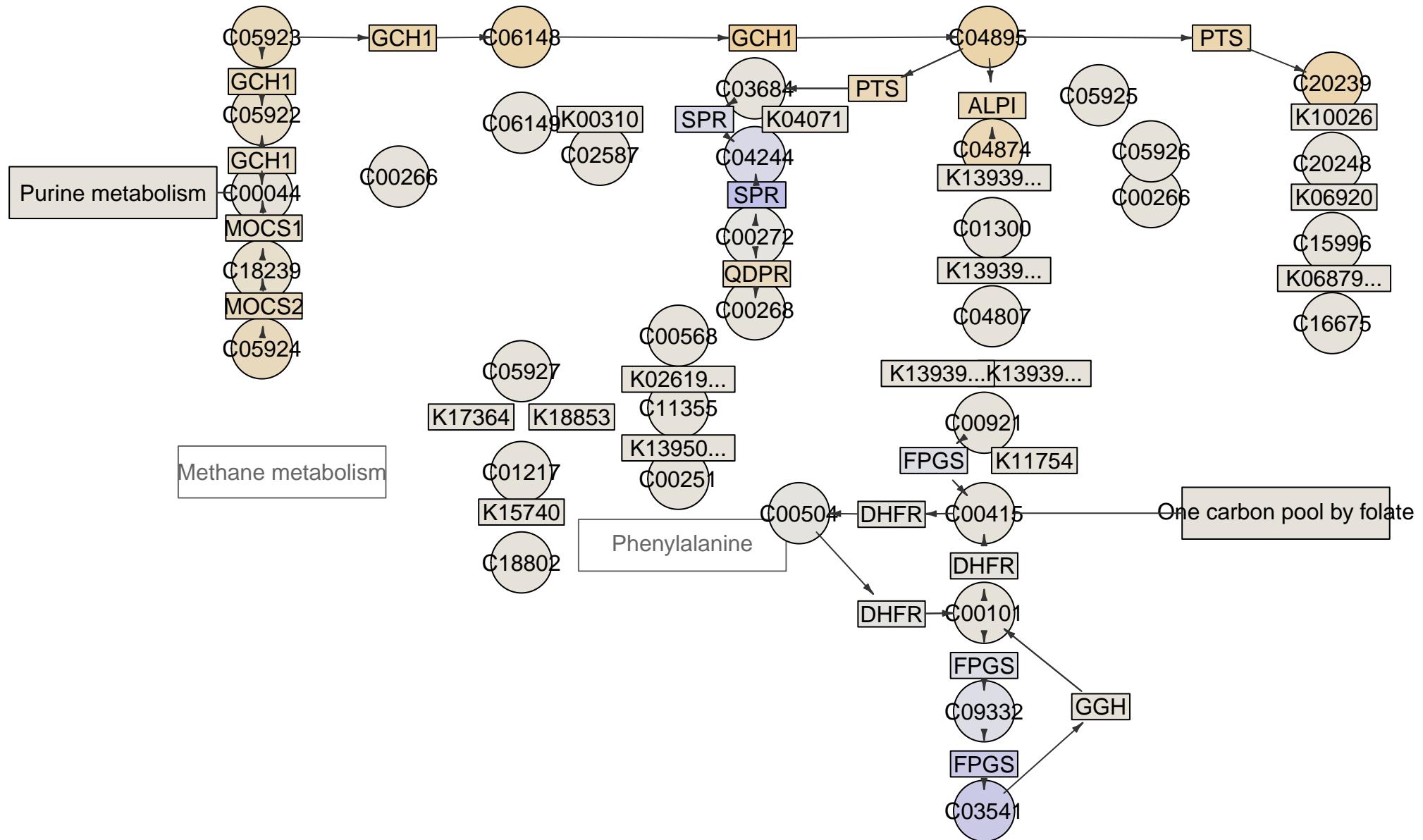
Folate biosynthesis  
MPI-029



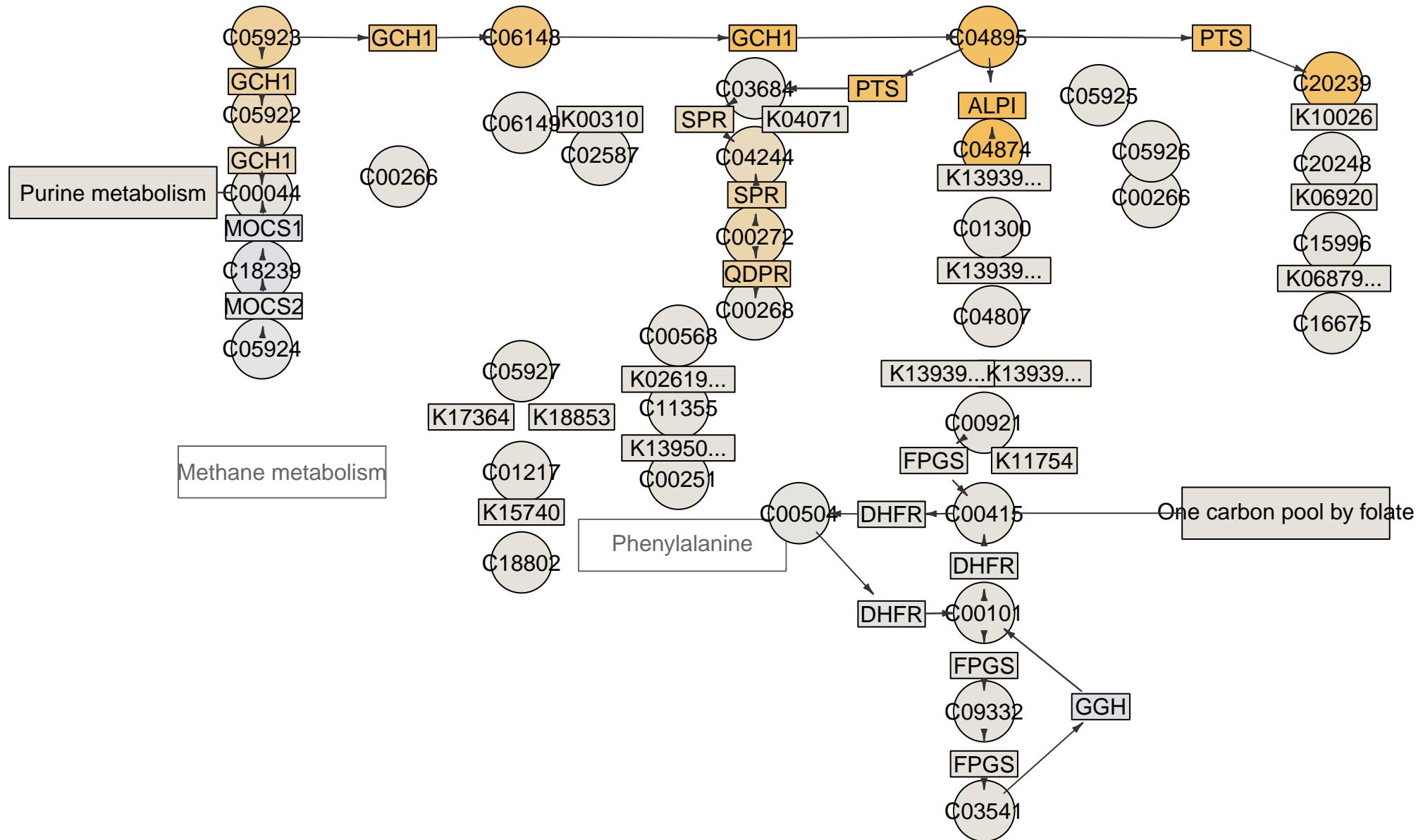
Folate biosynthesis  
MPI-030



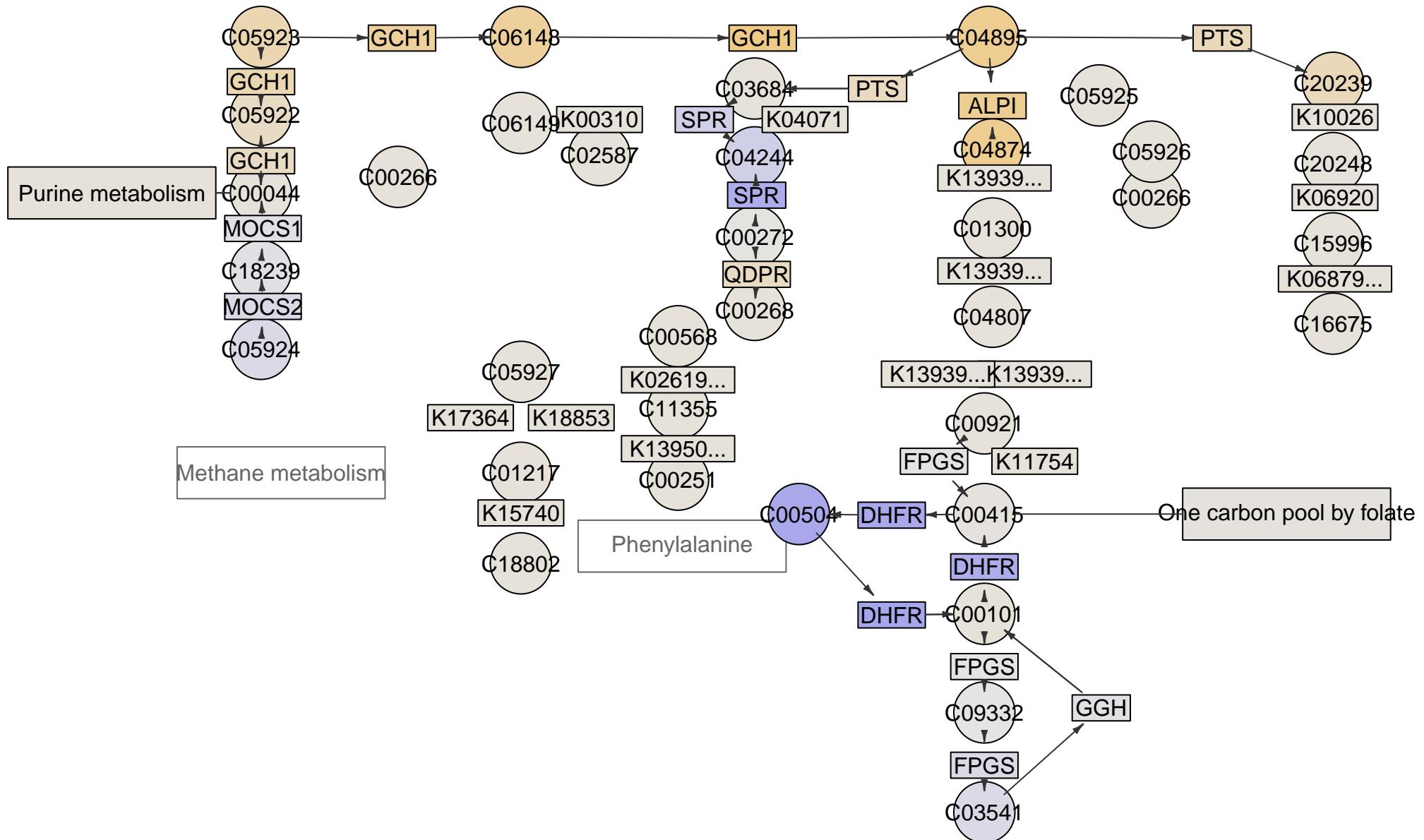
Folate biosynthesis  
MPI-031



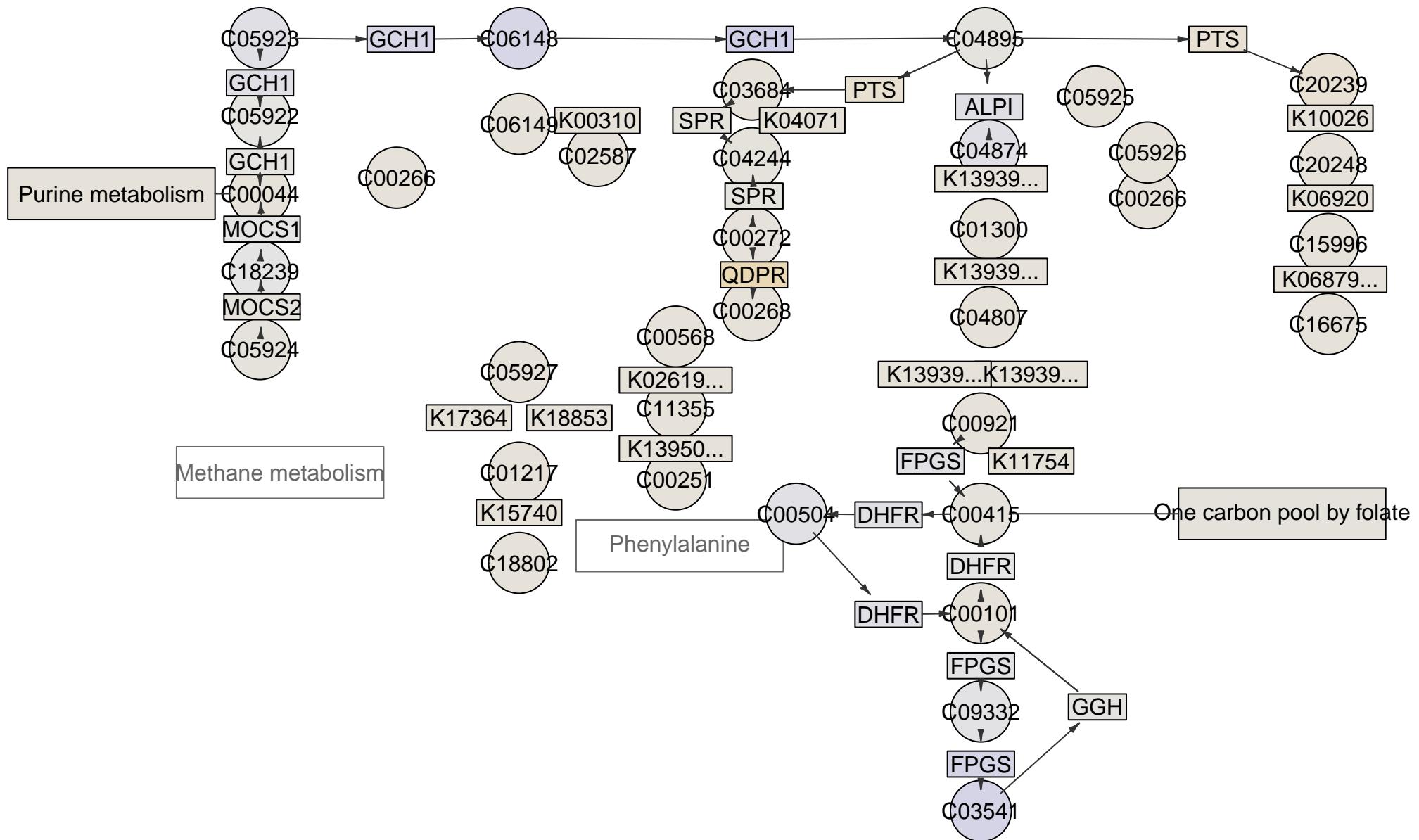
Folate biosynthesis  
MPI-039



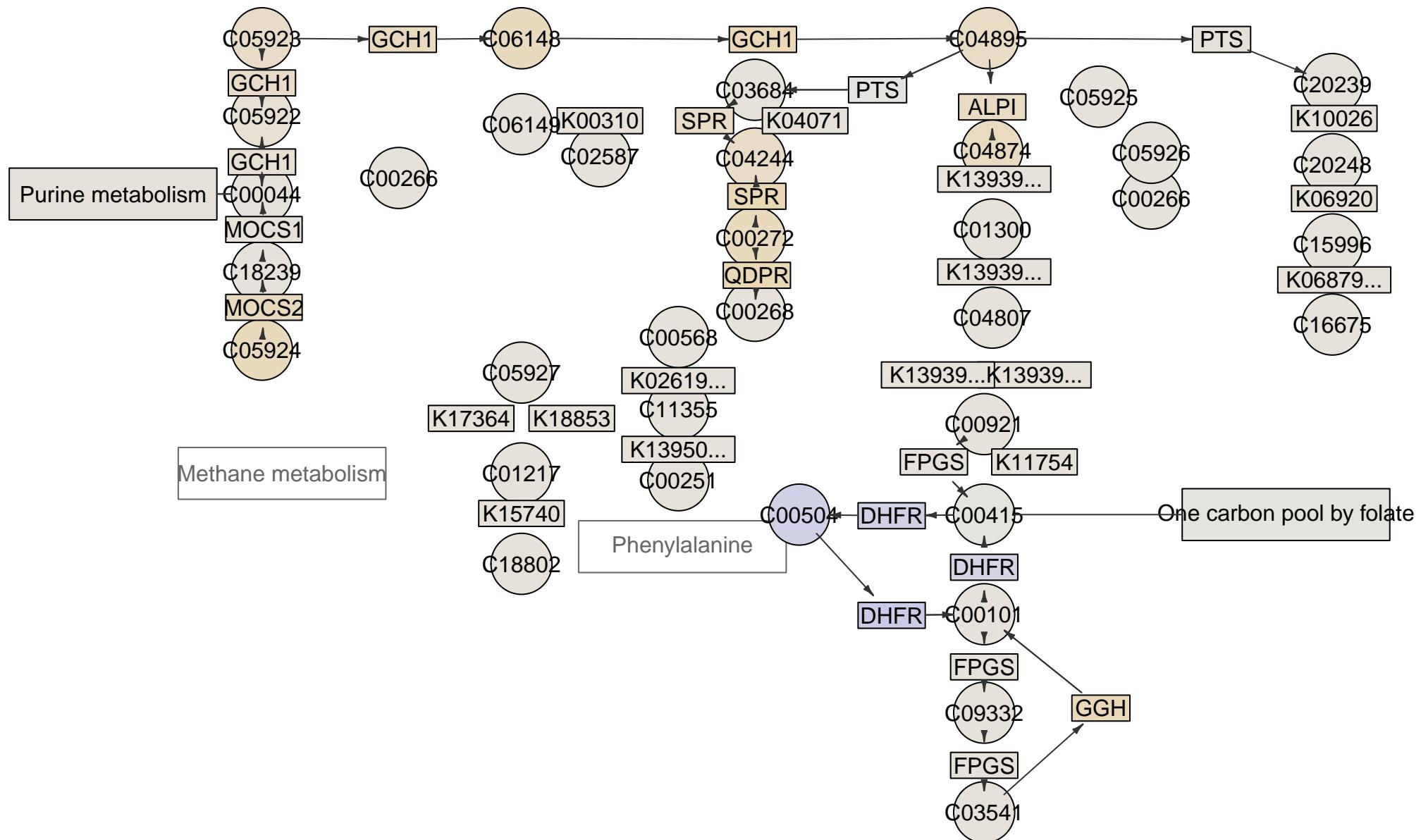
Folate biosynthesis  
MPI-040



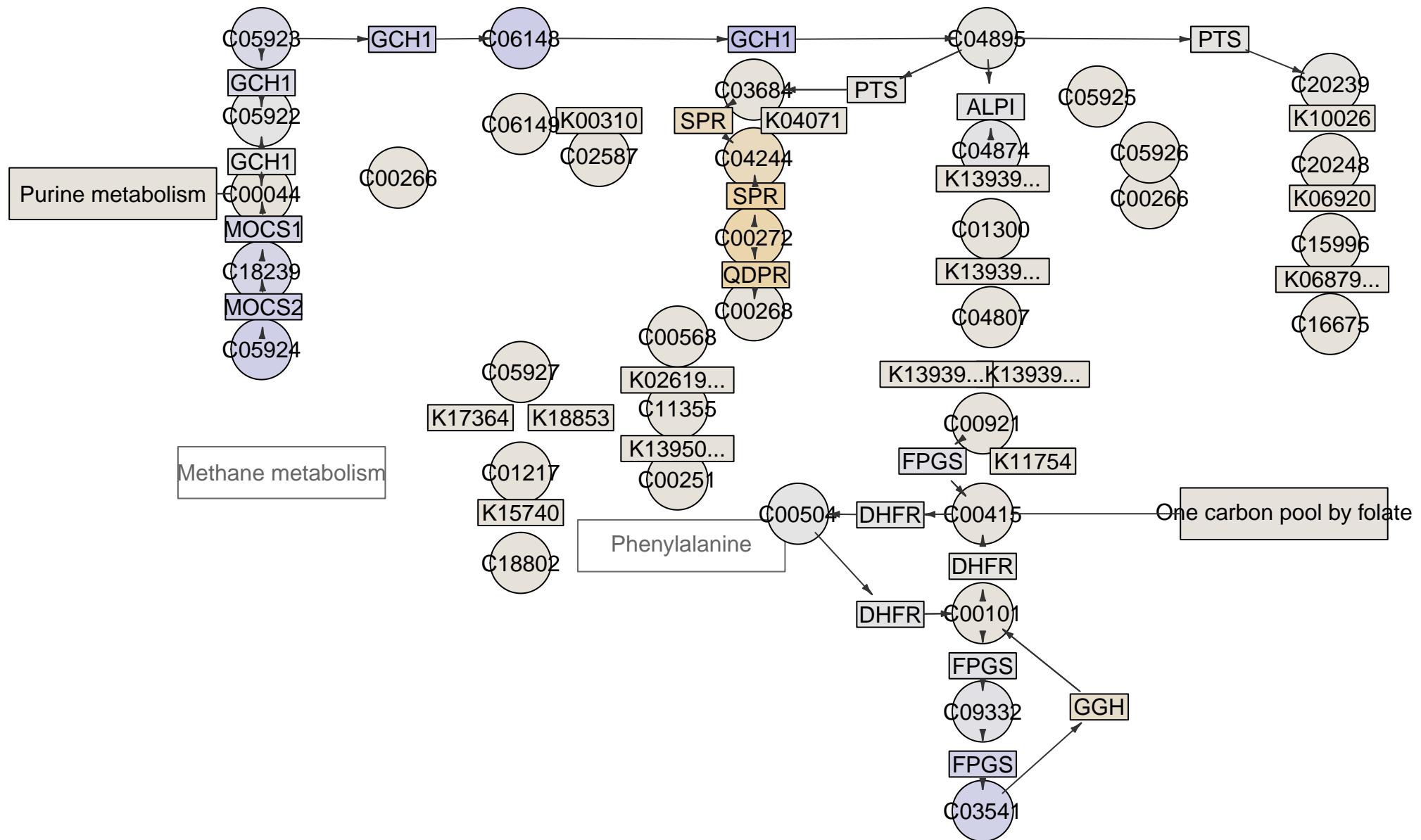
Folate biosynthesis  
MPI-045



Folate biosynthesis  
MPI-047

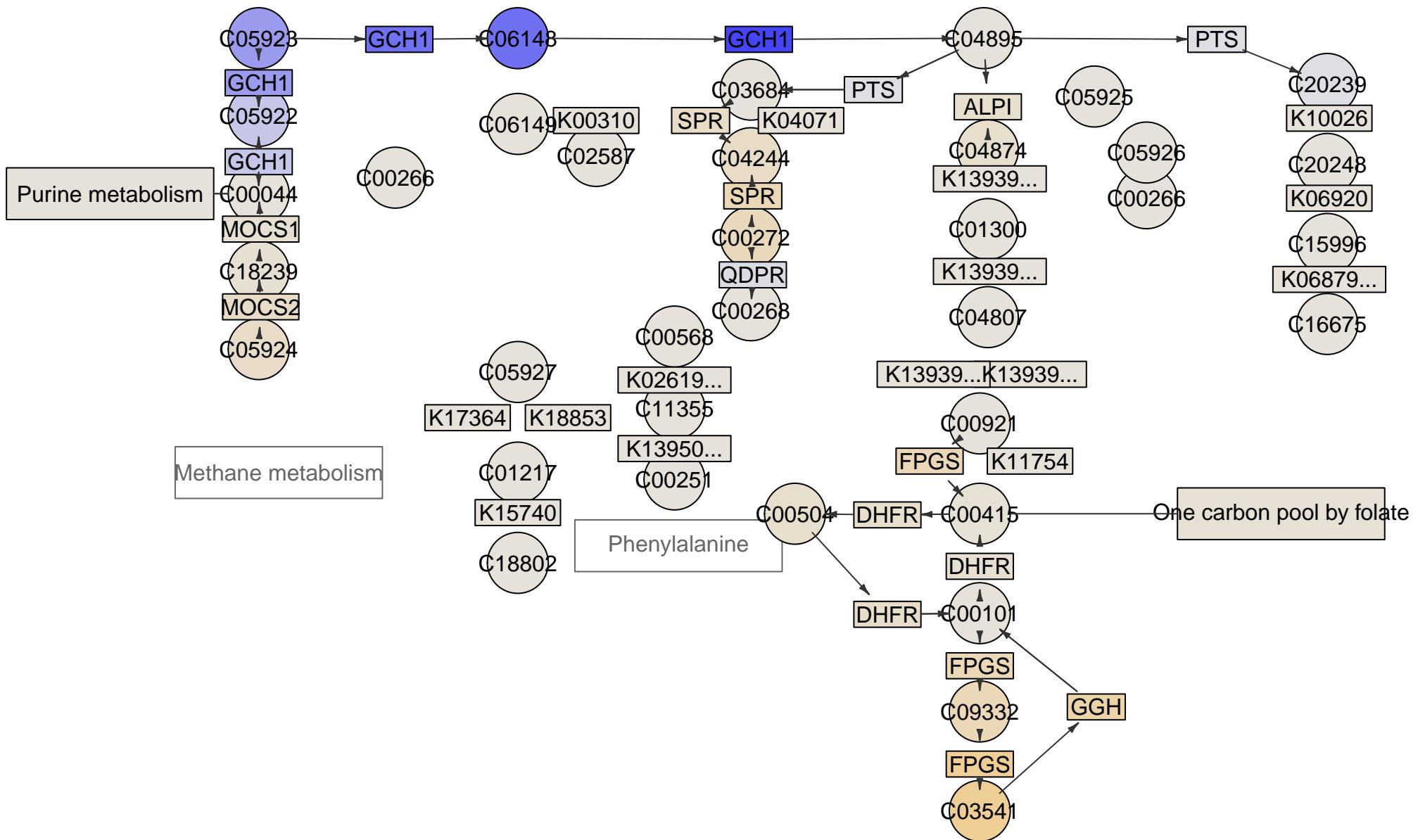


Folate biosynthesis  
MPI-053

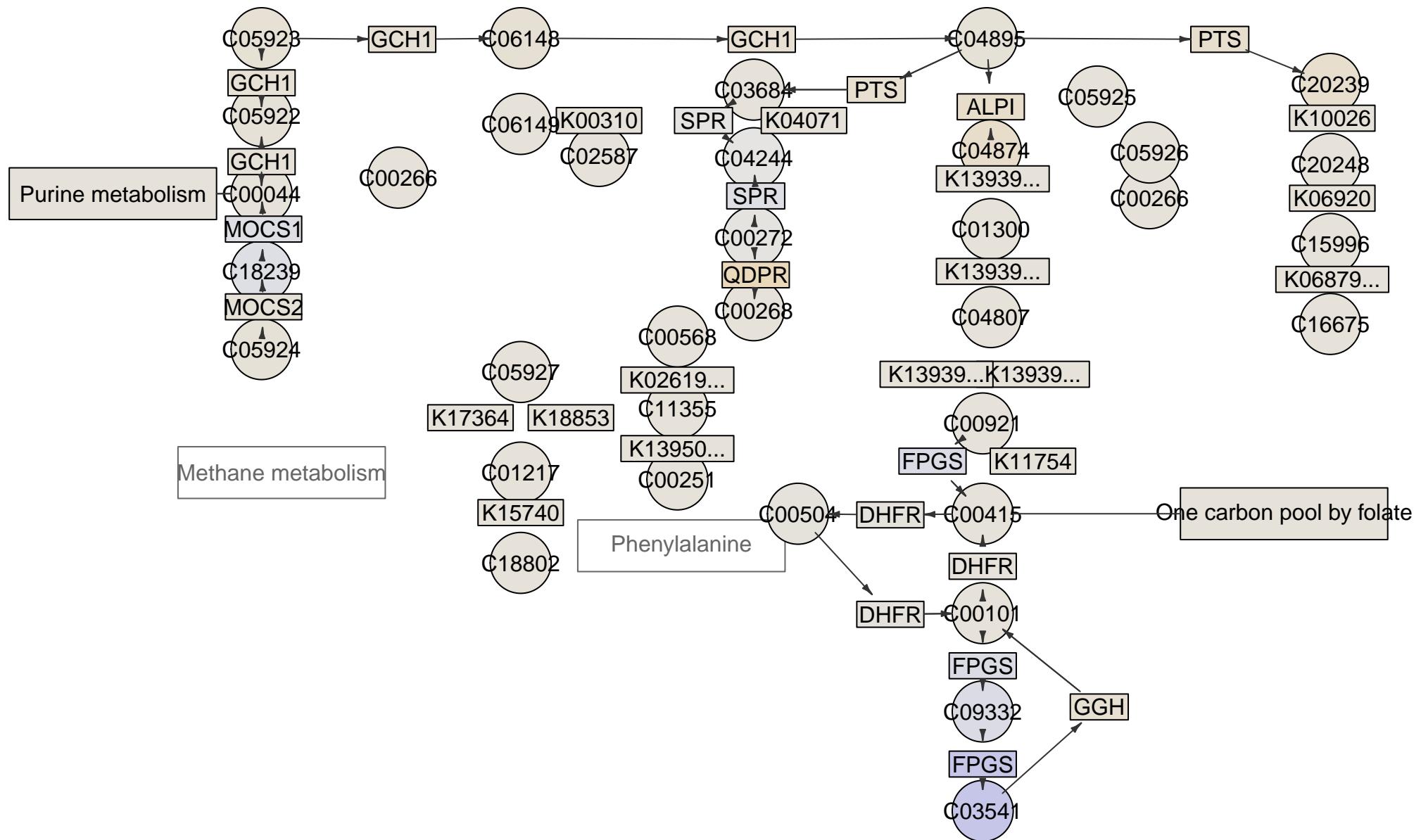


# Folate biosynthesis

## MPI-062

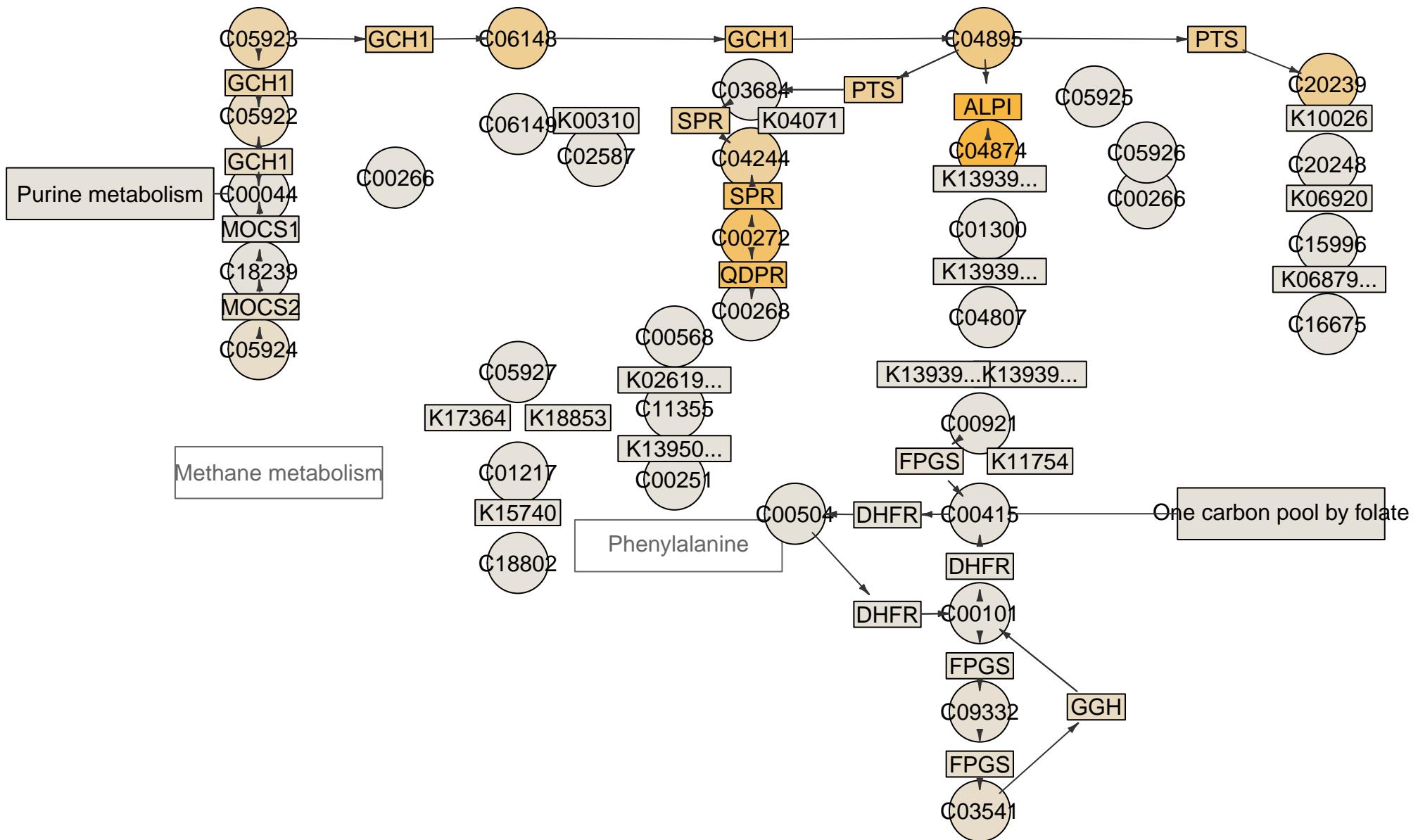


Folate biosynthesis  
MPI-063

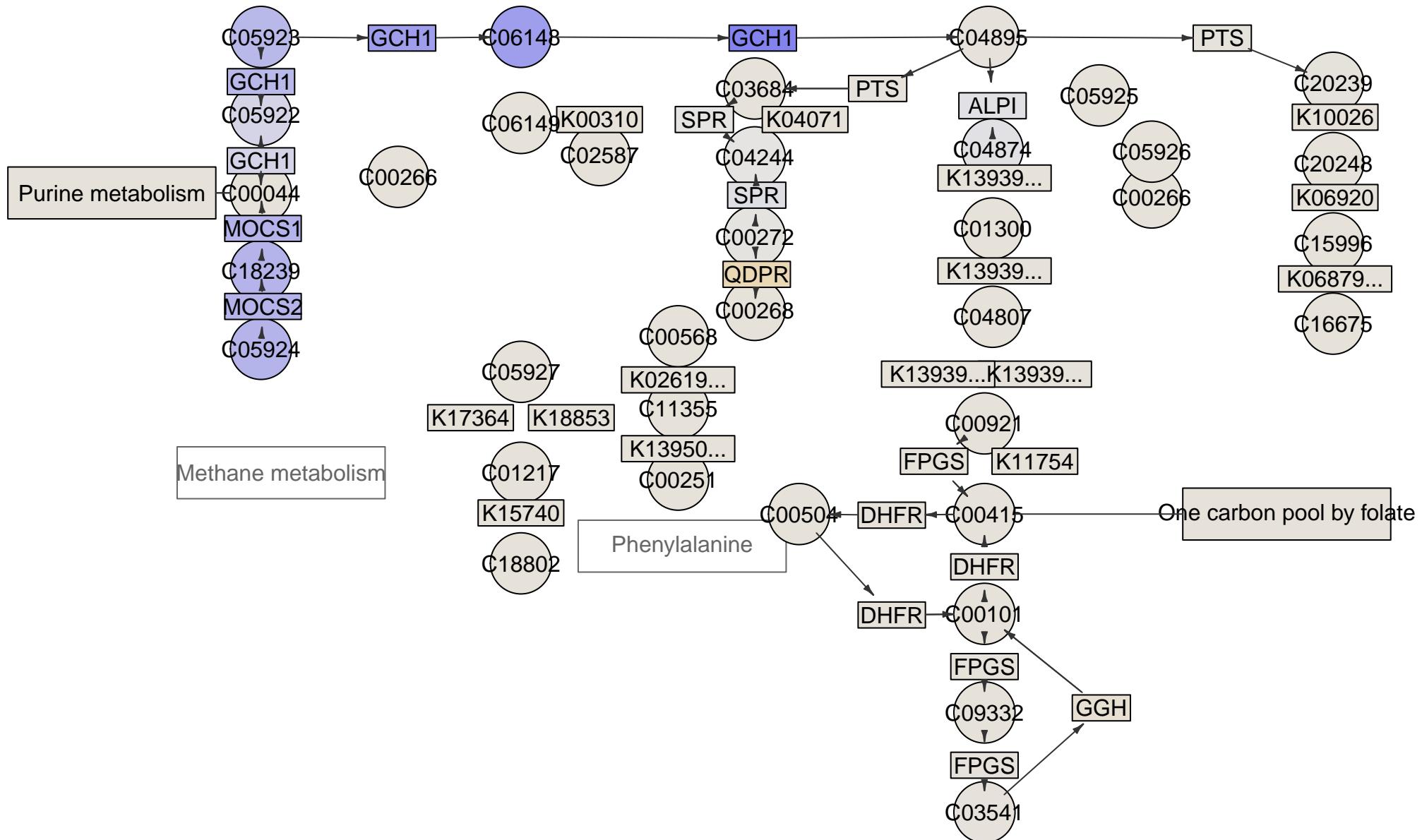


# Folate biosynthesis

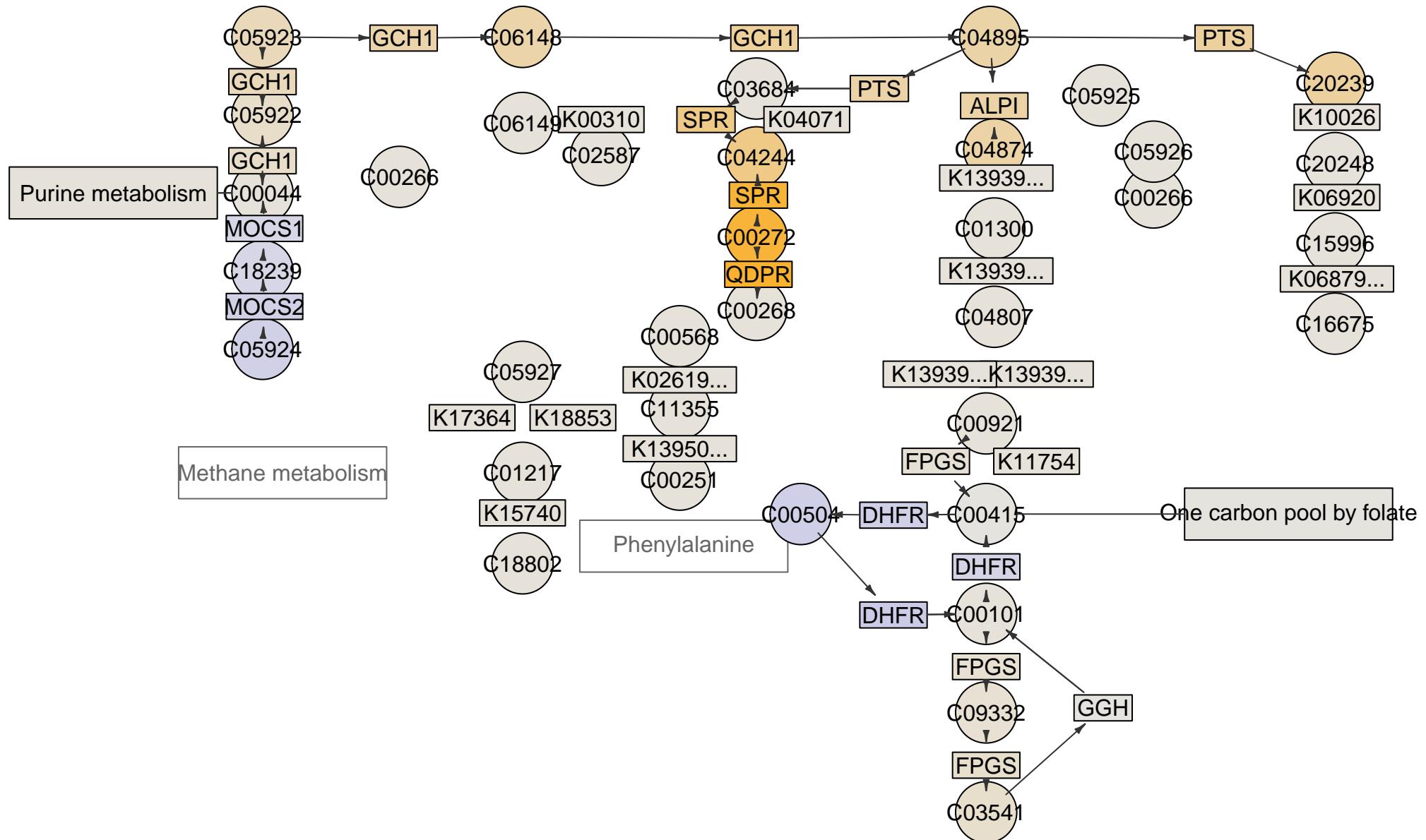
## MPI-069



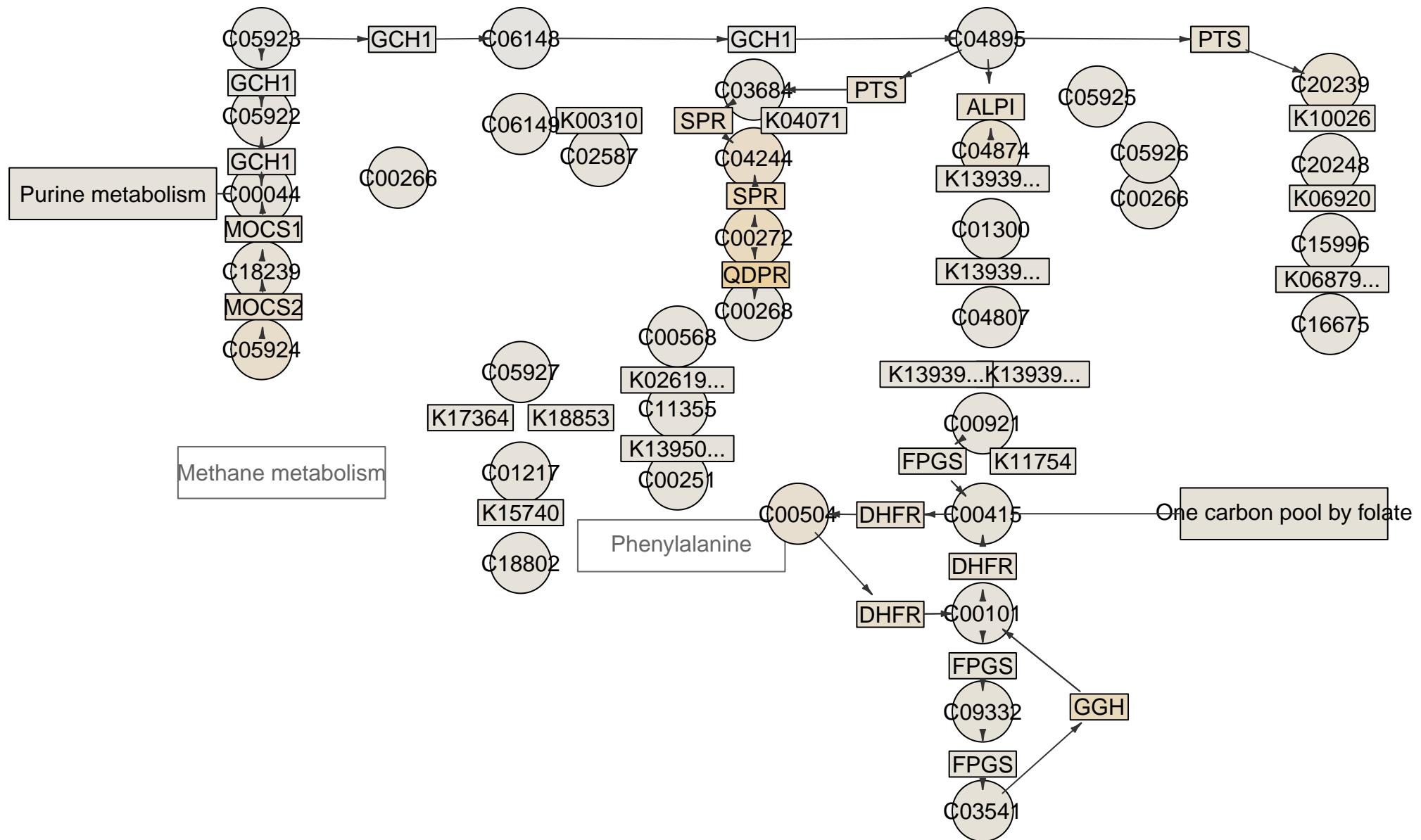
Folate biosynthesis  
MPI-073



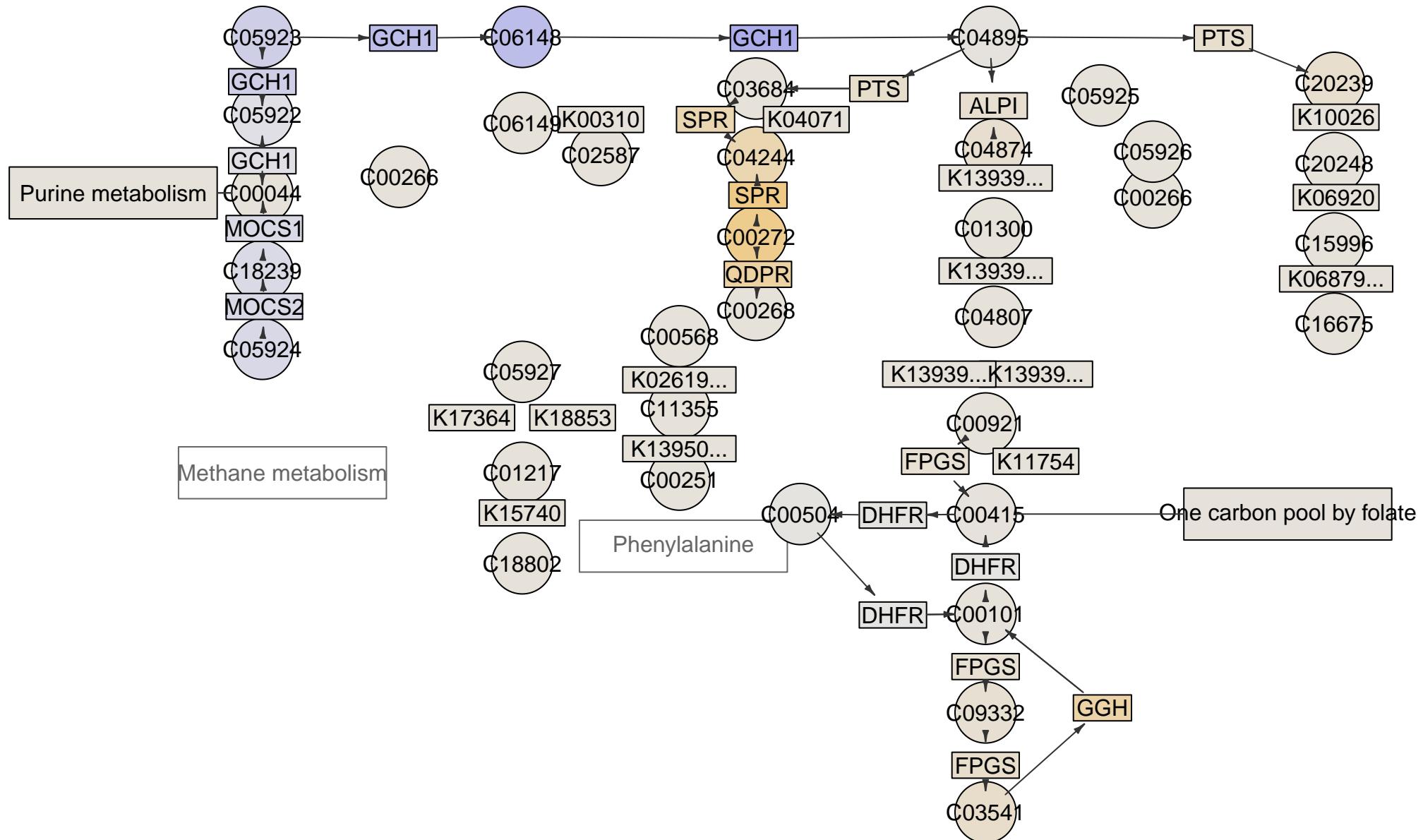
Folate biosynthesis  
MPI-074



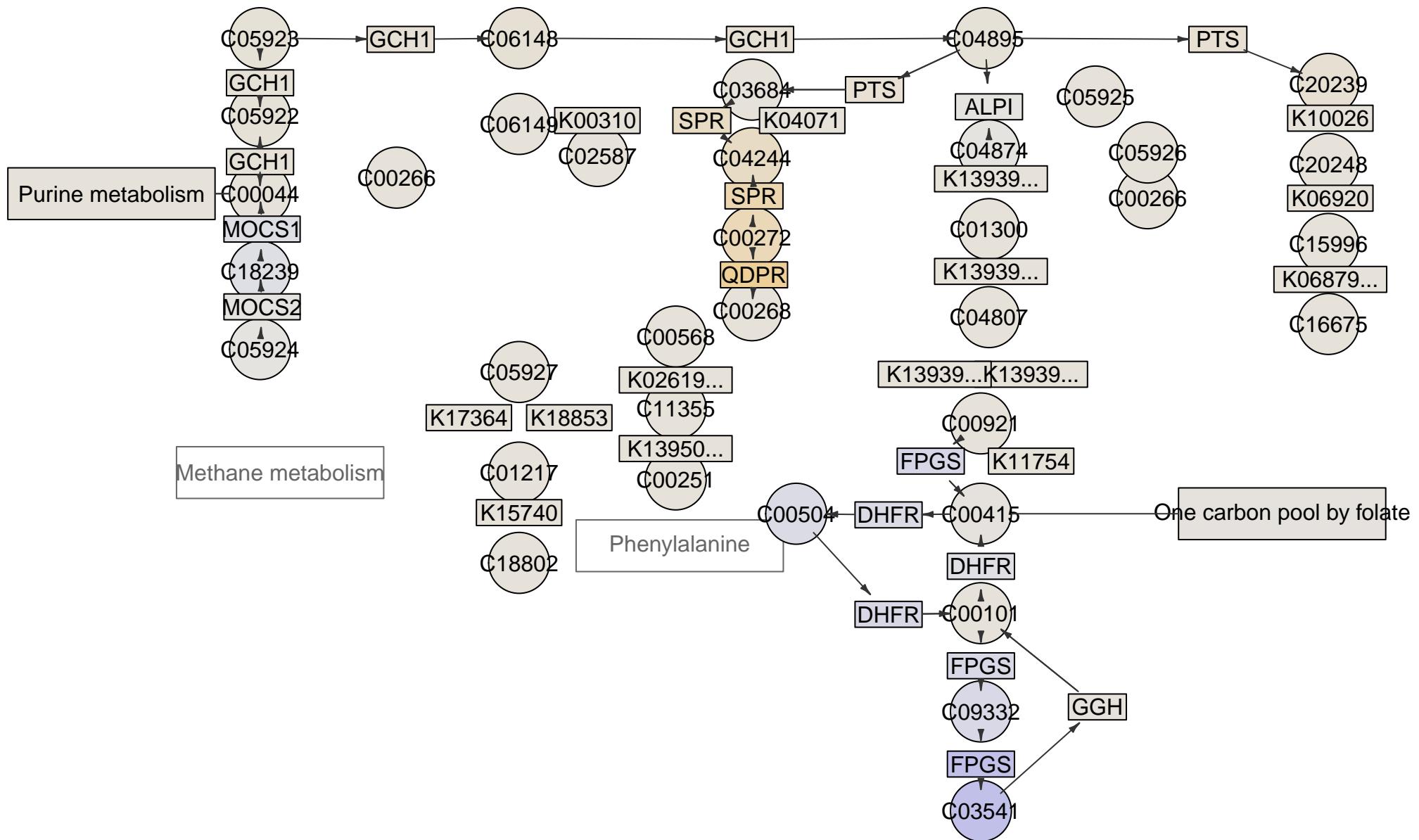
Folate biosynthesis  
MPI-076



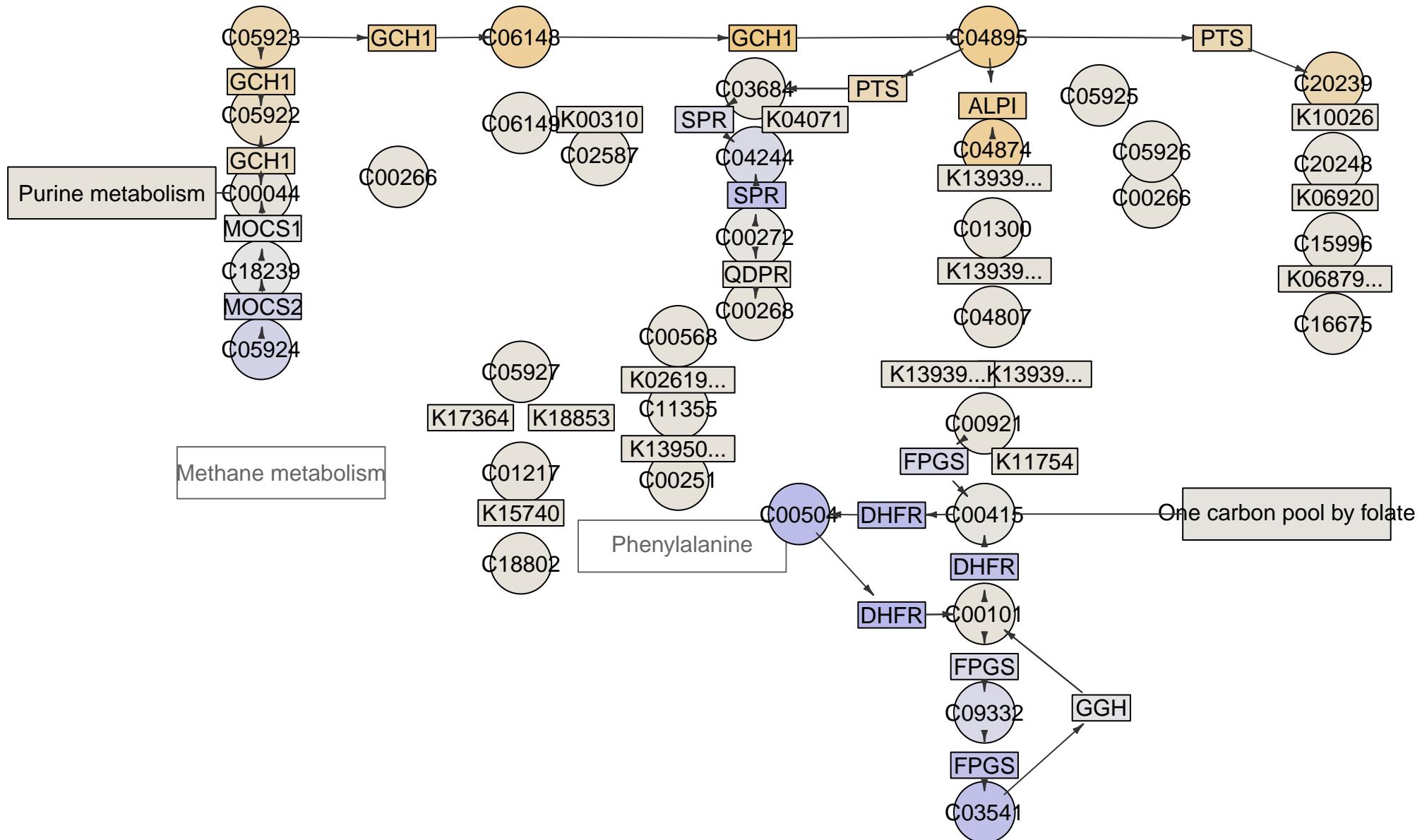
Folate biosynthesis  
MPI-083



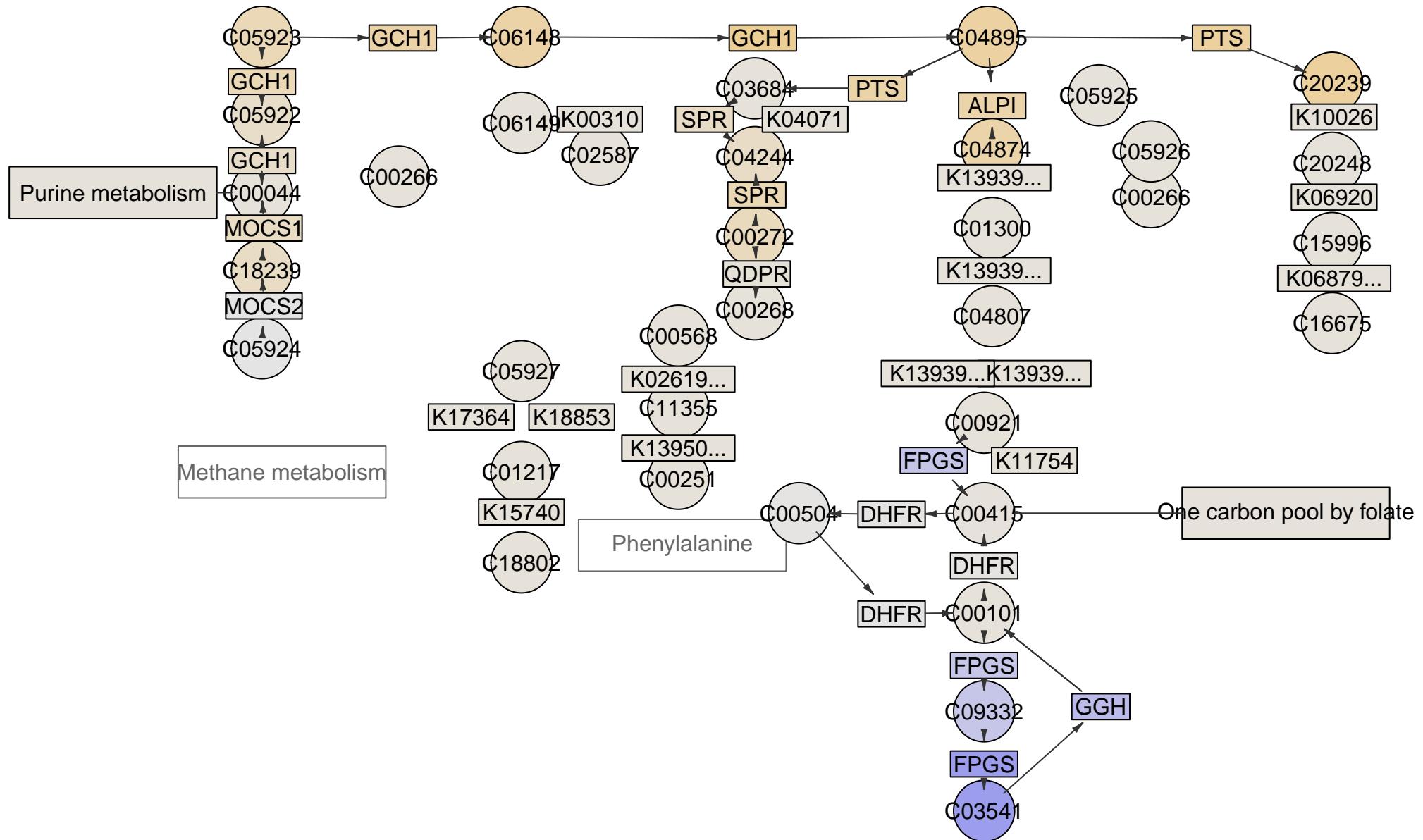
Folate biosynthesis  
MPI-088



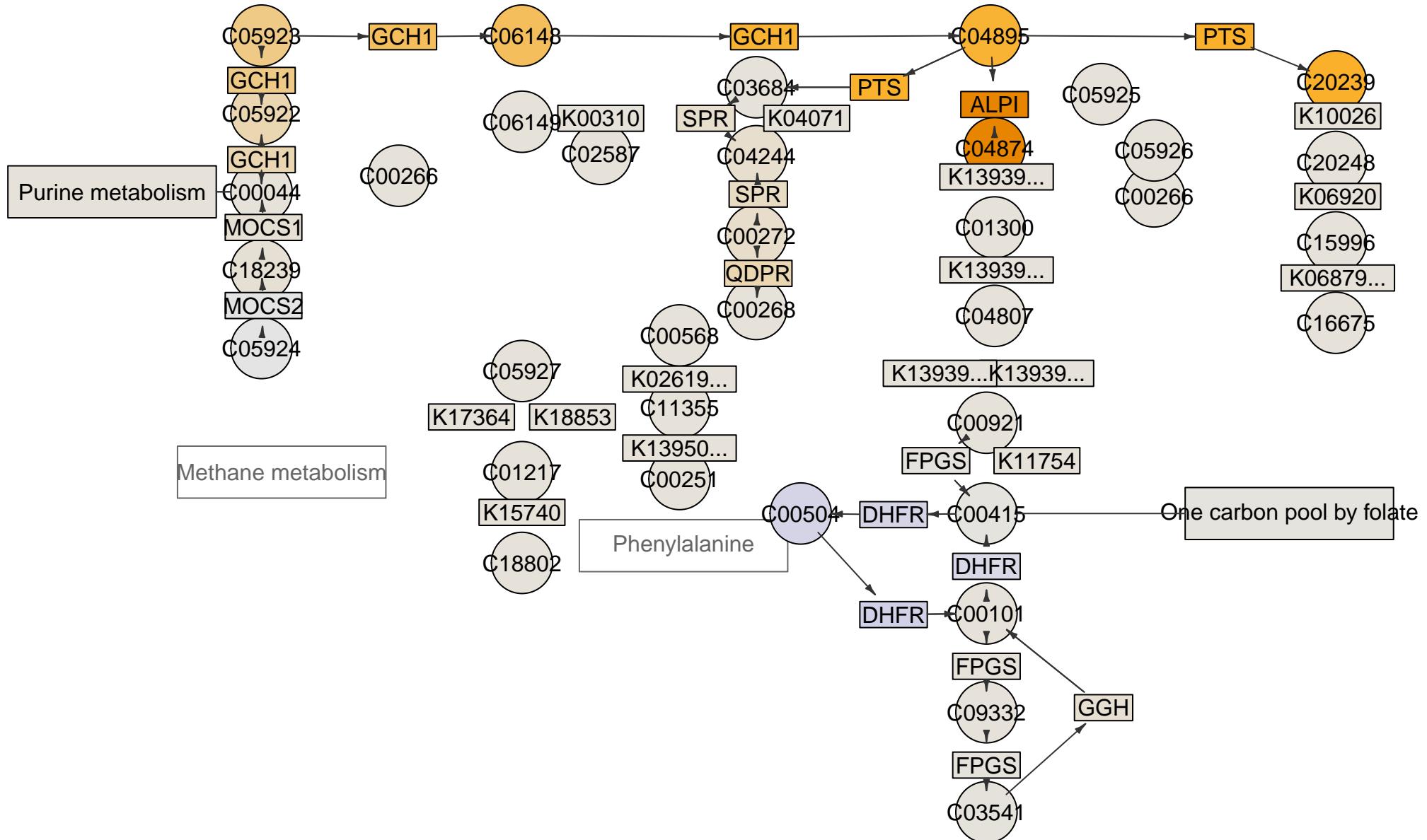
Folate biosynthesis  
MPI-092



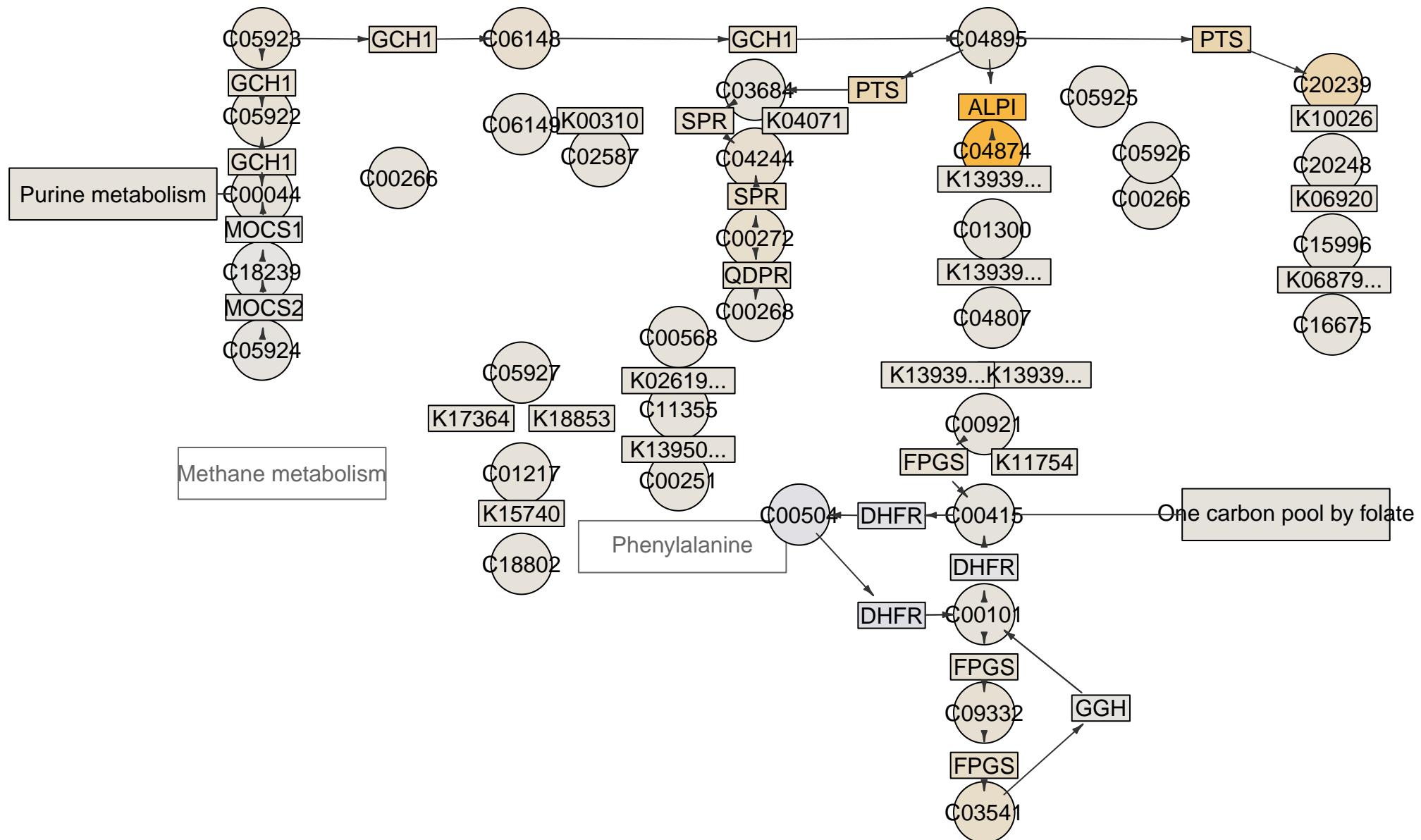
Folate biosynthesis  
MPI-096



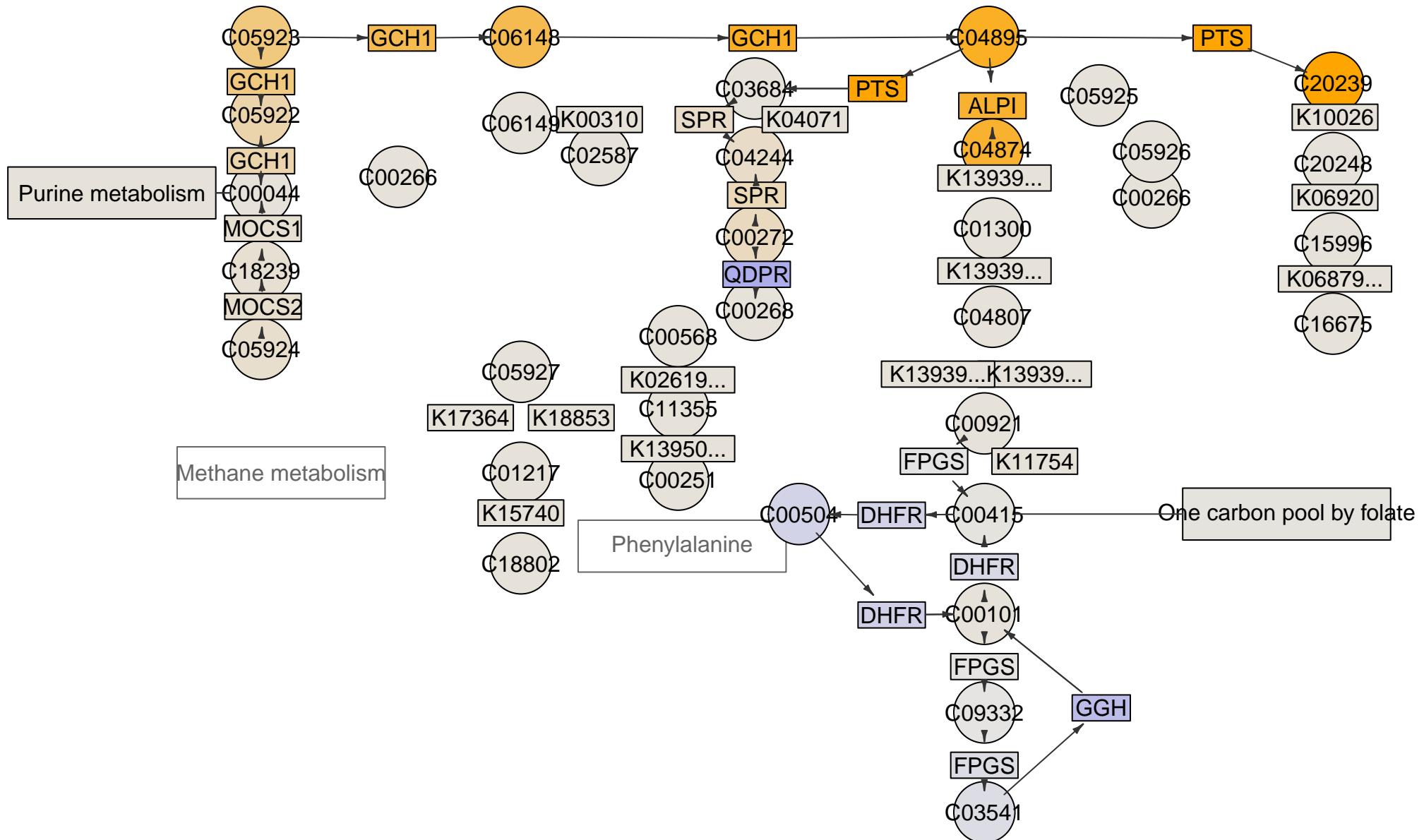
Folate biosynthesis  
MPI-098



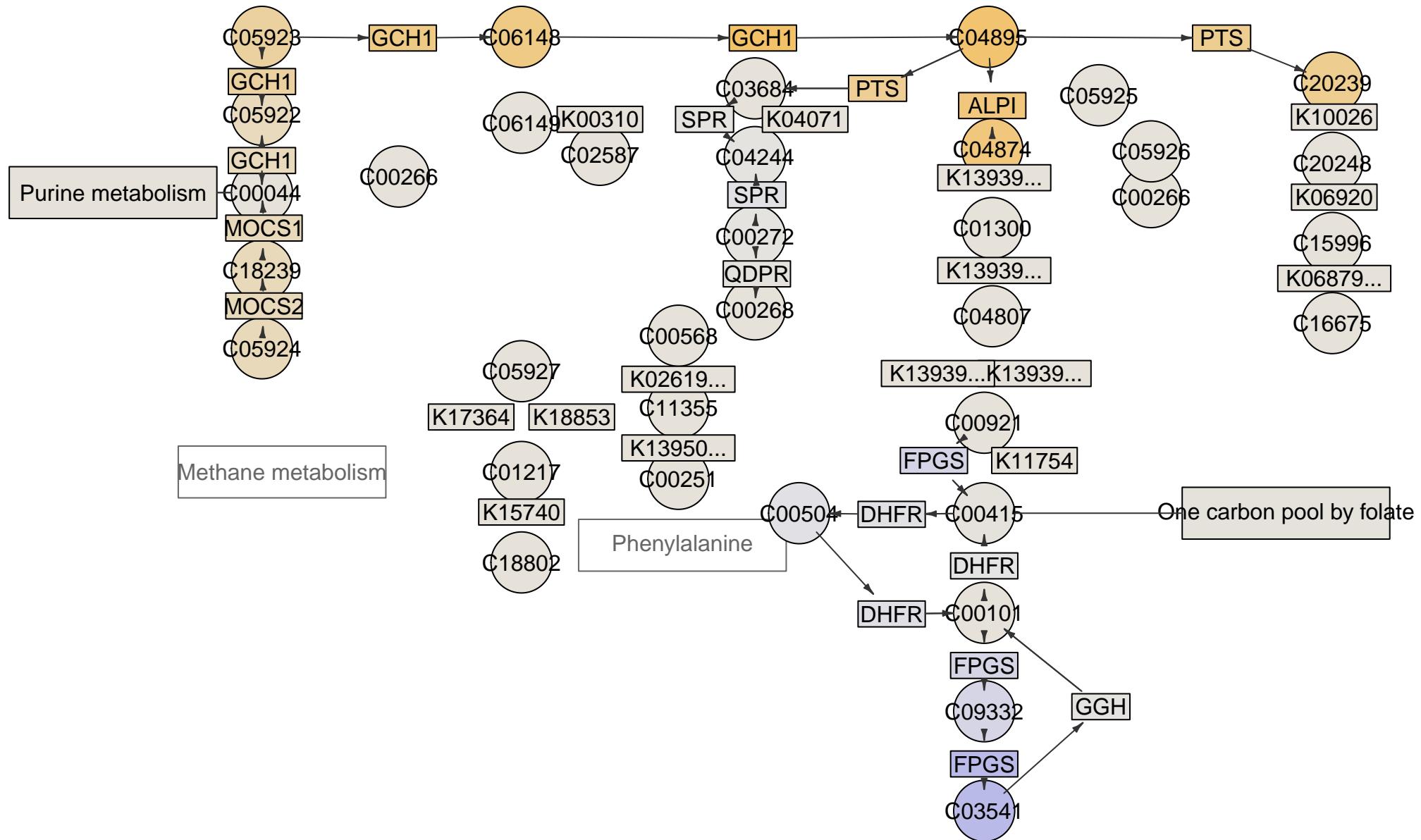
Folate biosynthesis  
MPI-100



Folate biosynthesis  
MPI-105

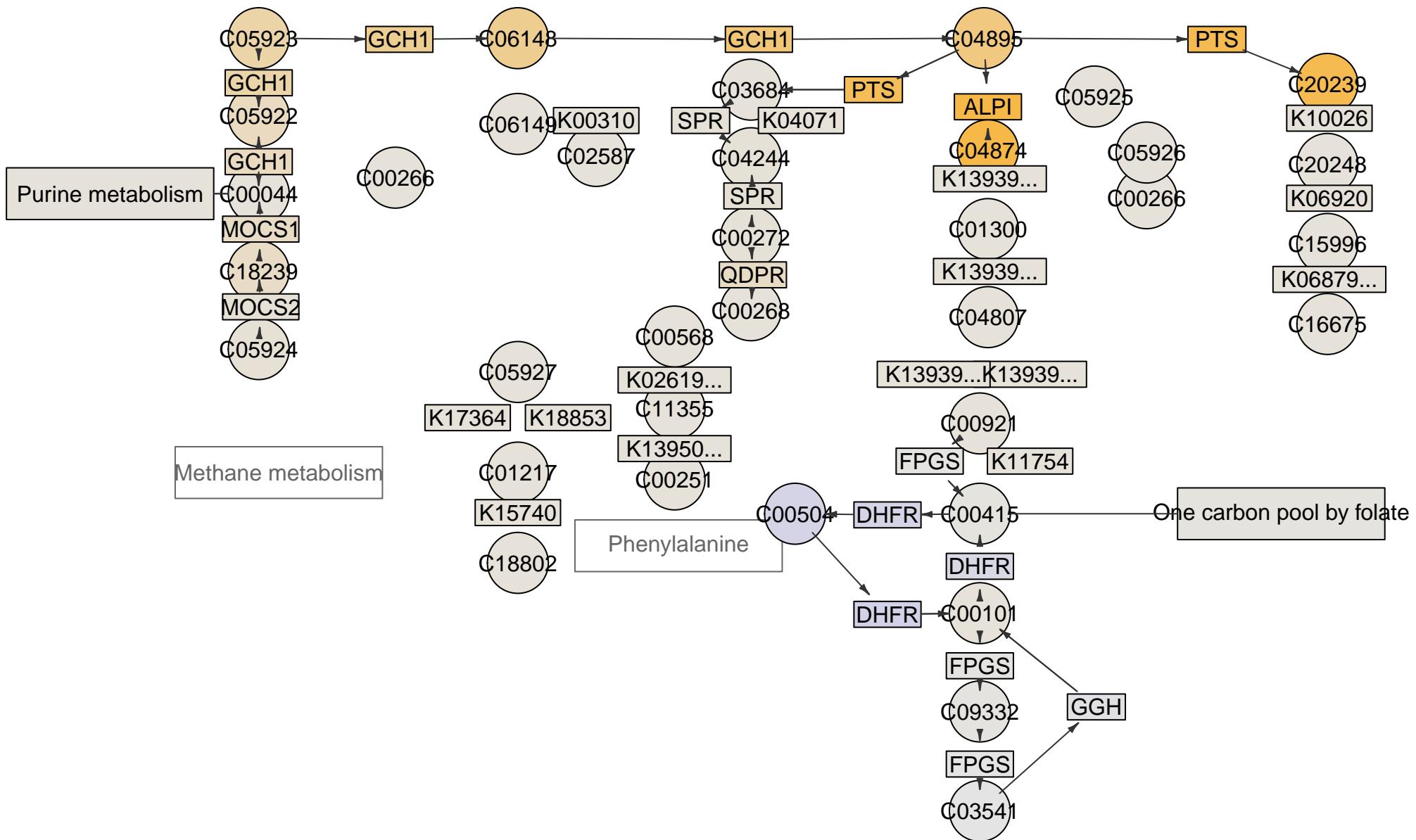


Folate biosynthesis  
MPI-106

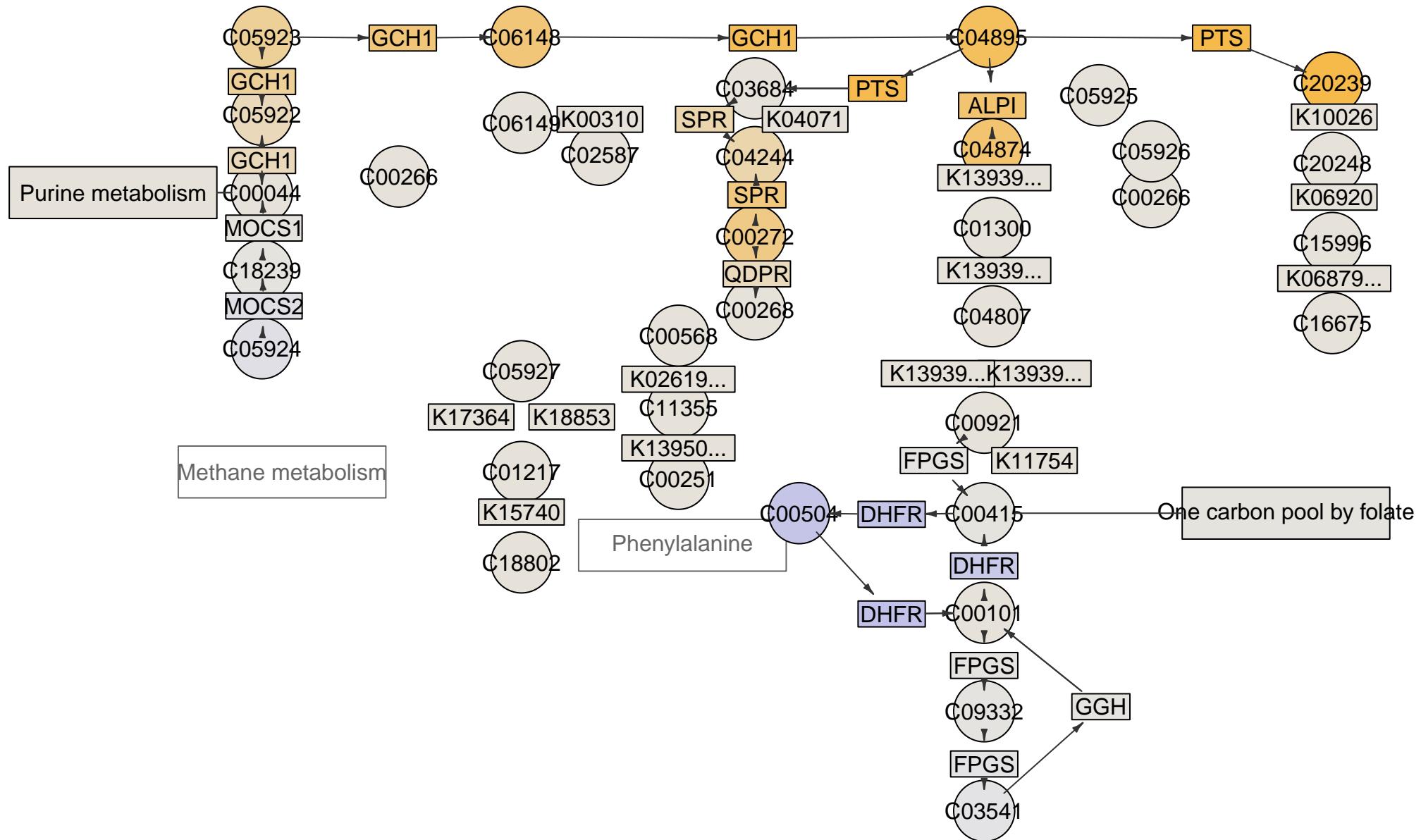


# Folate biosynthesis

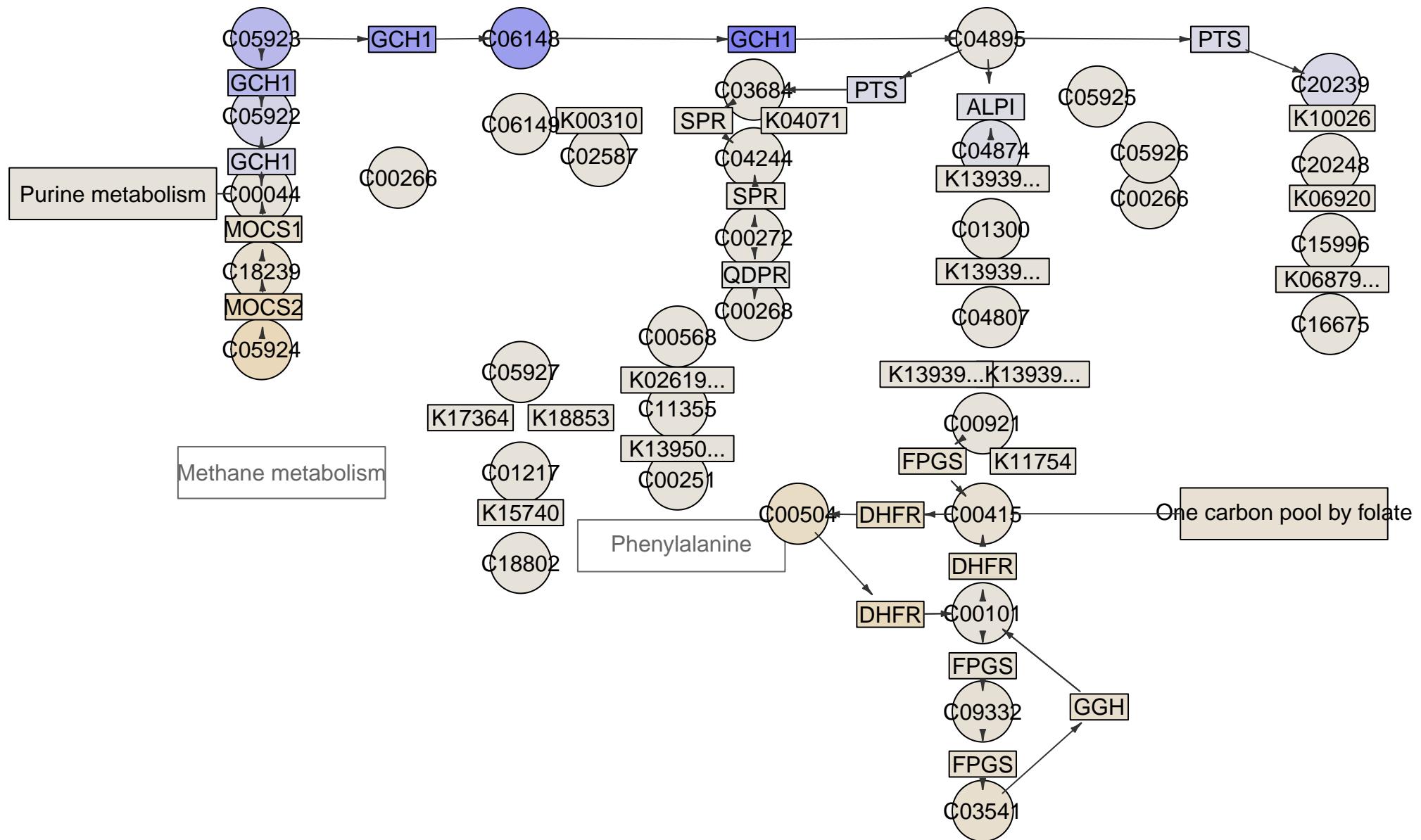
## MPI-108



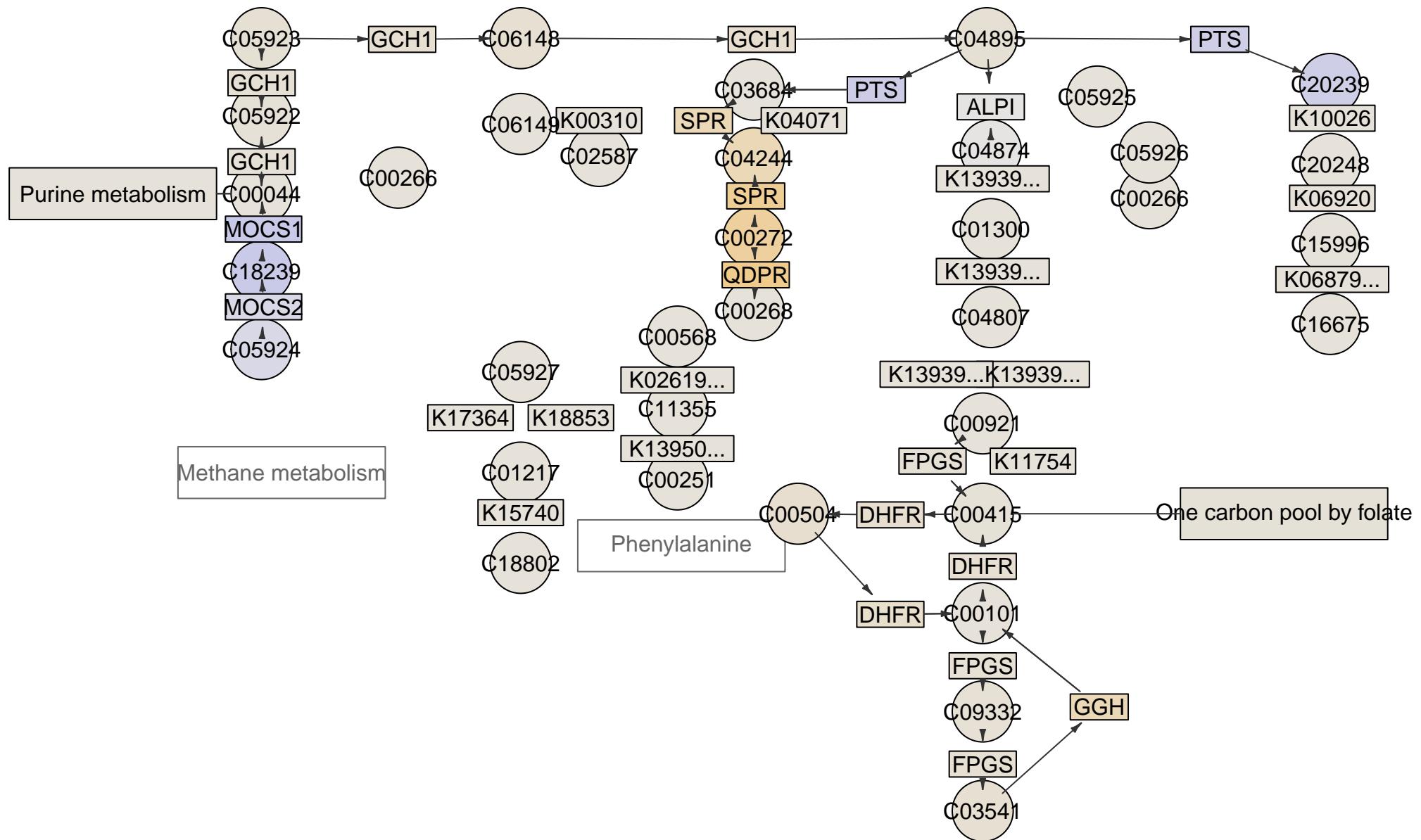
Folate biosynthesis  
MPI-109



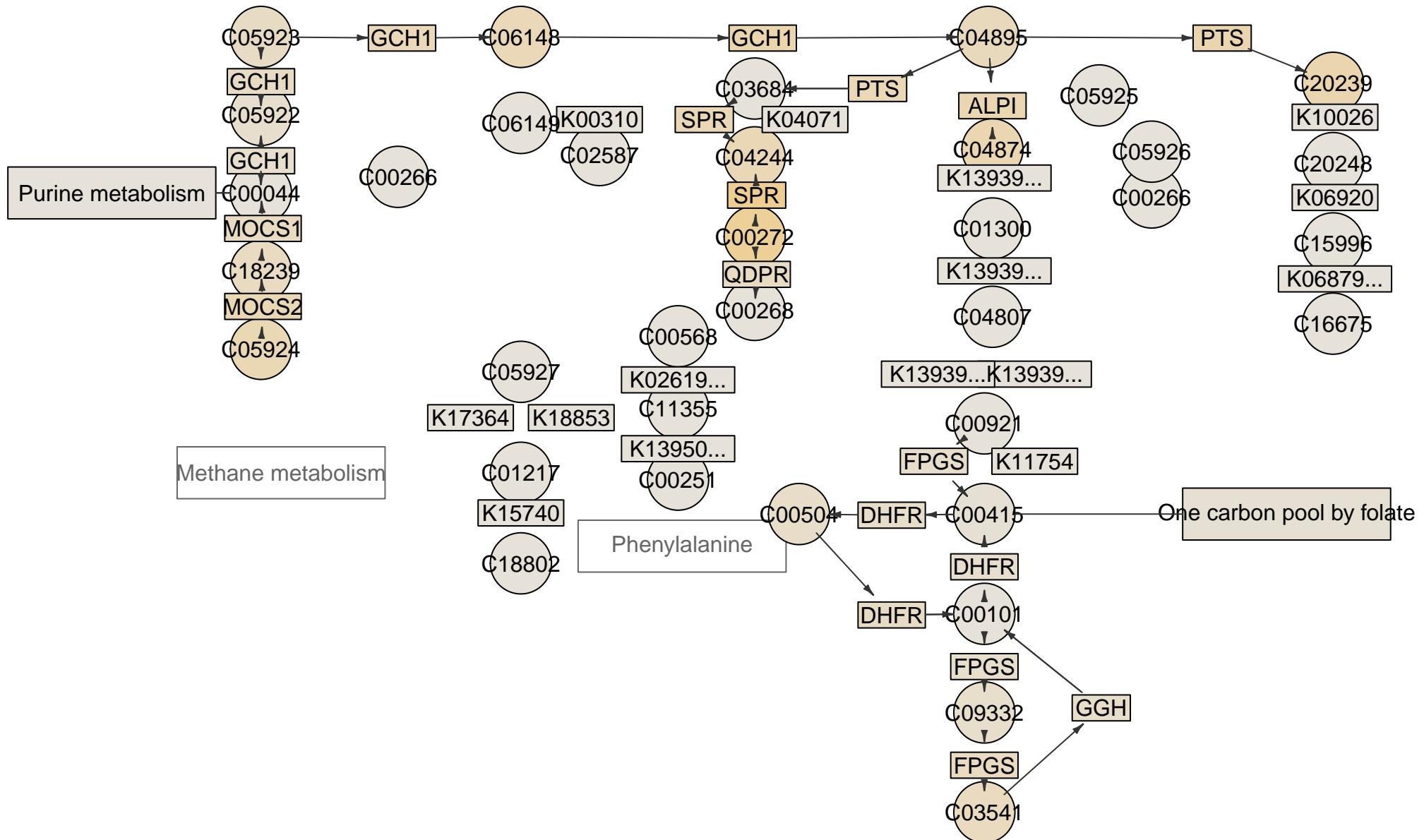
Folate biosynthesis  
MPI-110



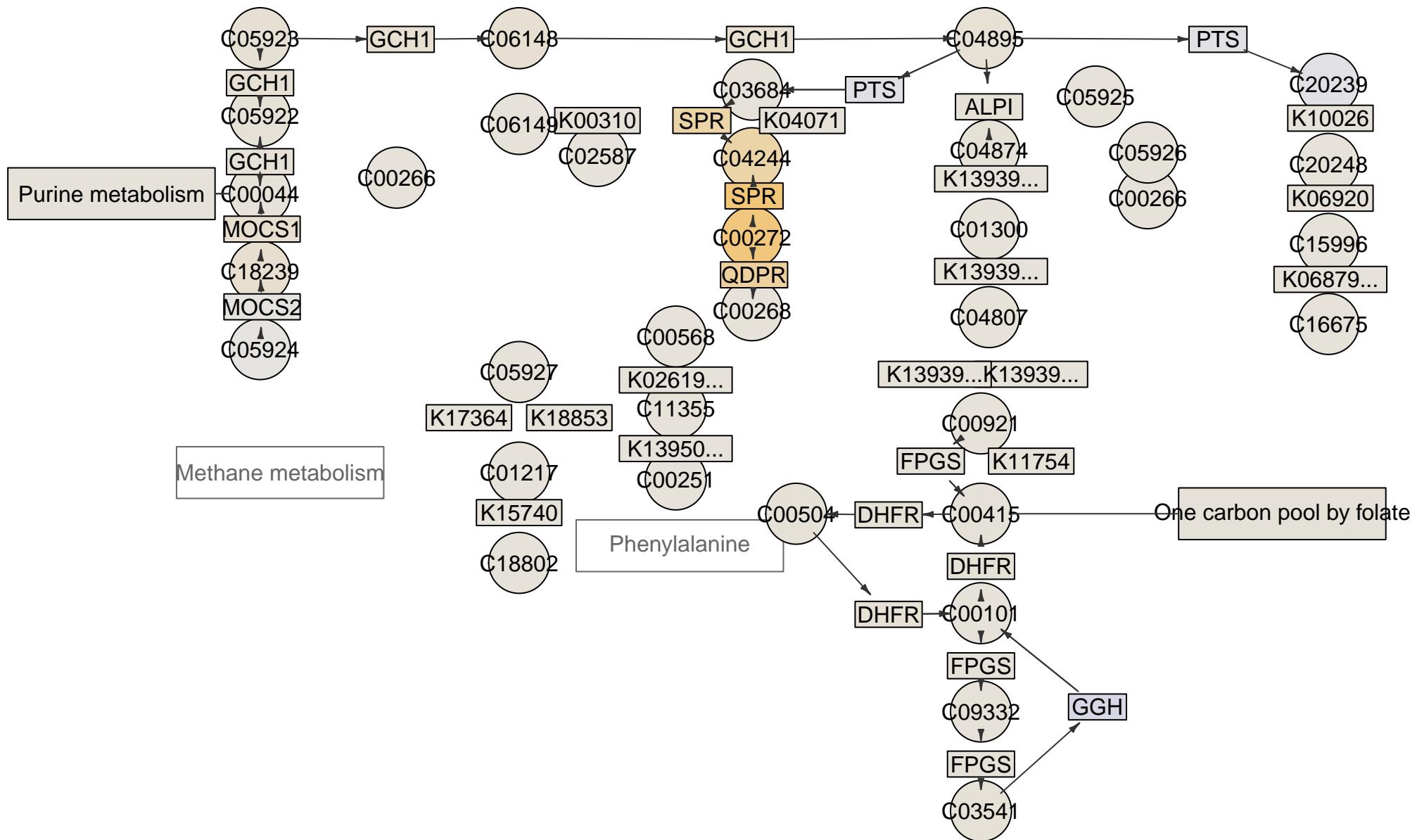
Folate biosynthesis  
MPI-111



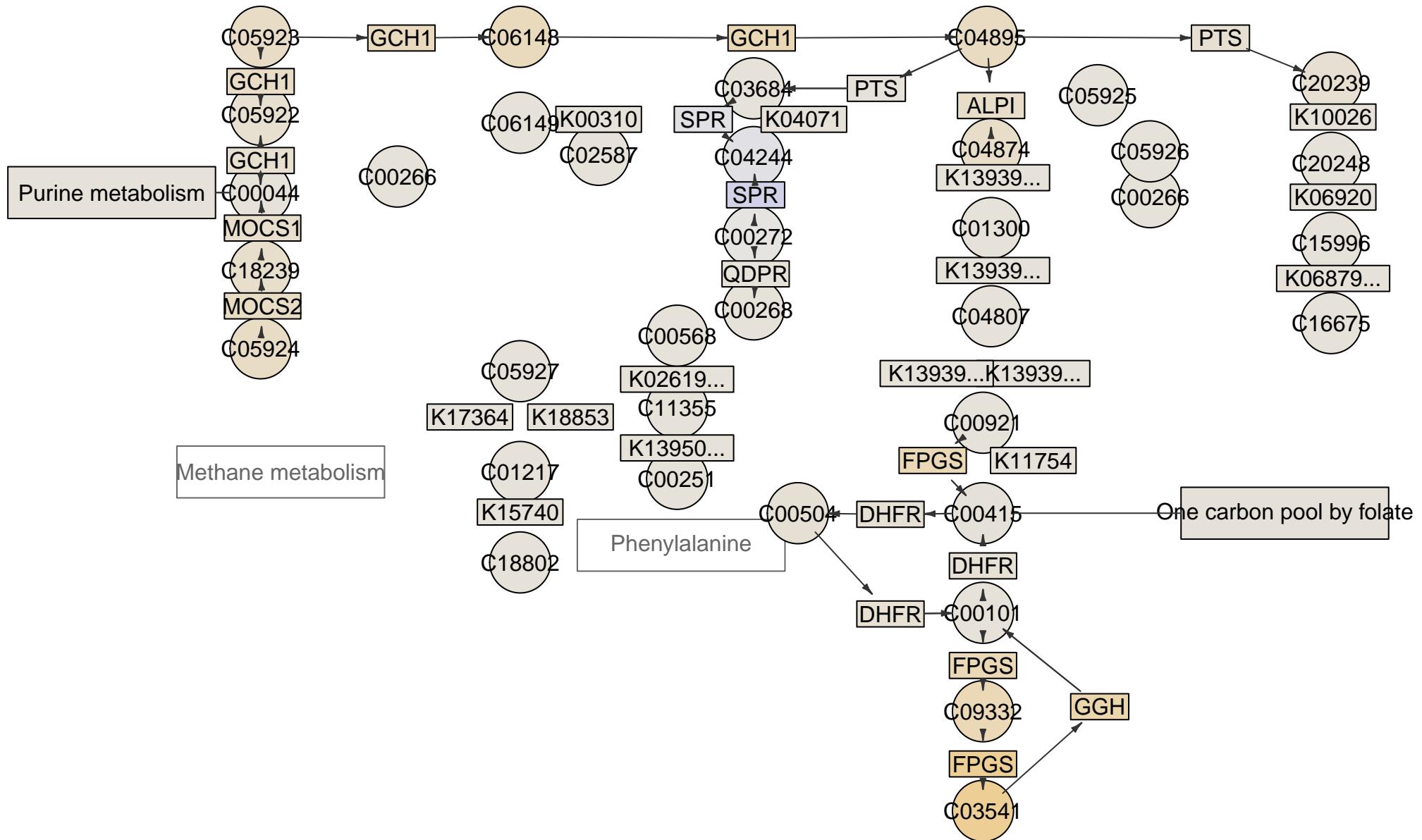
Folate biosynthesis  
MPI-113



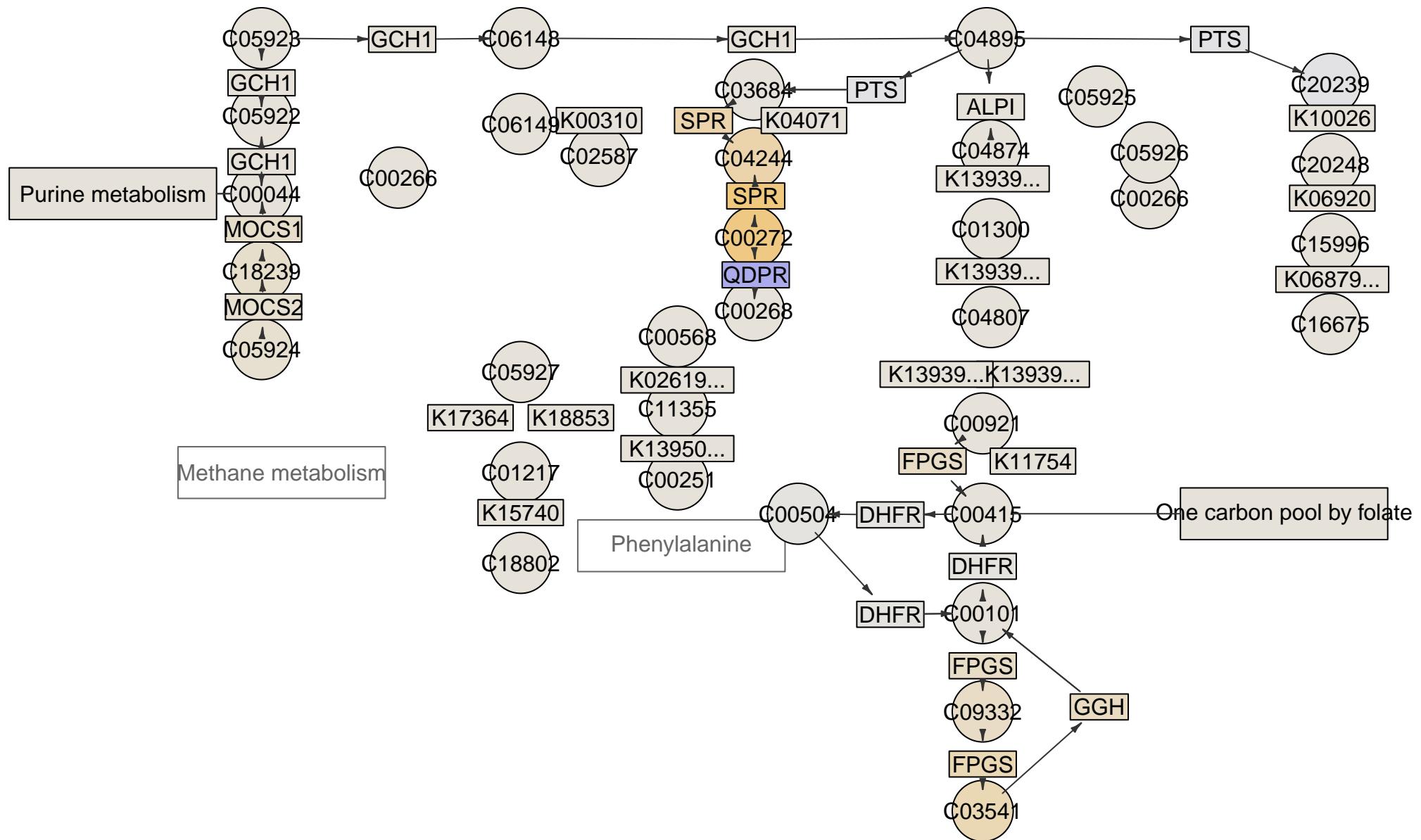
Folate biosynthesis  
MPI-115



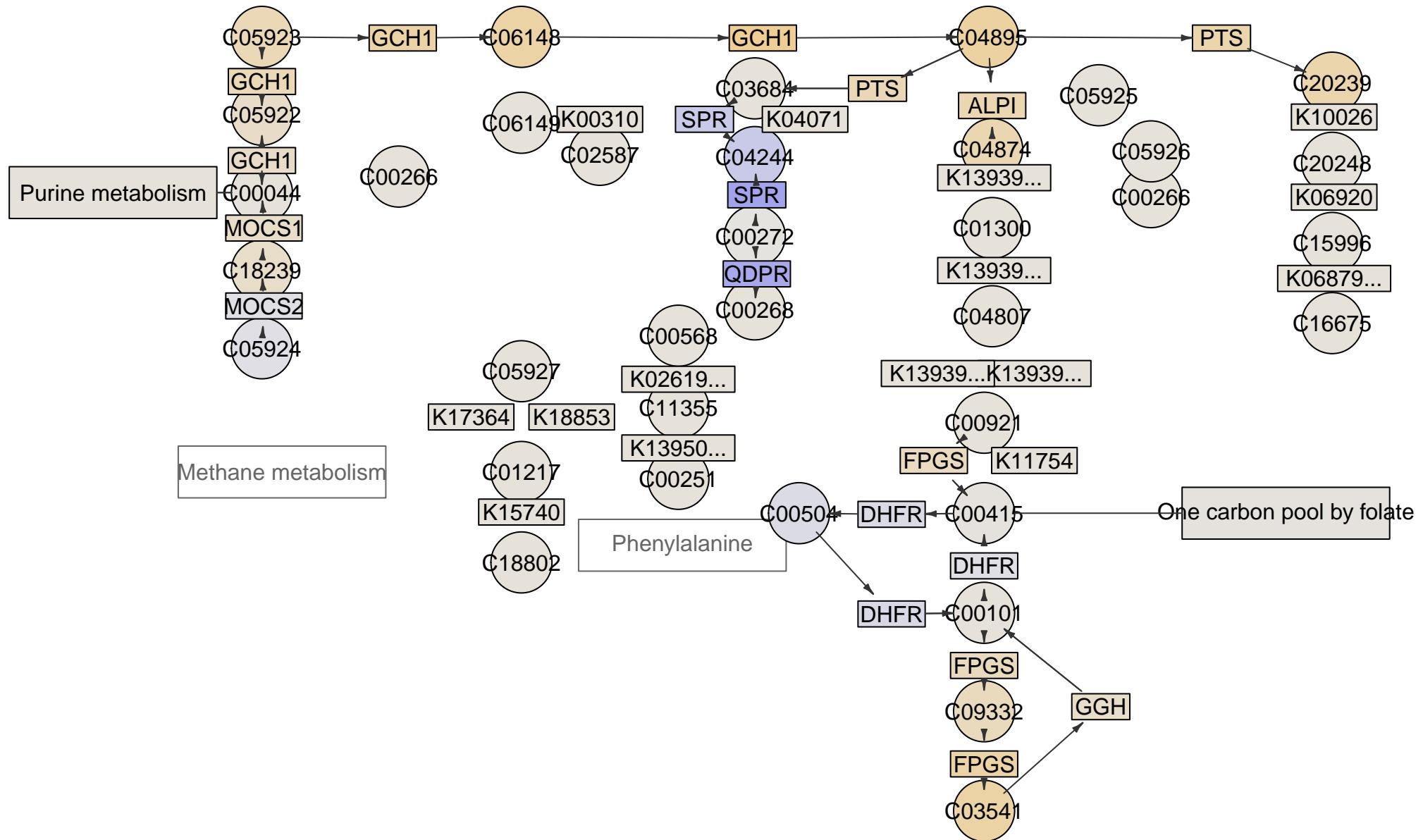
Folate biosynthesis  
MPI-118



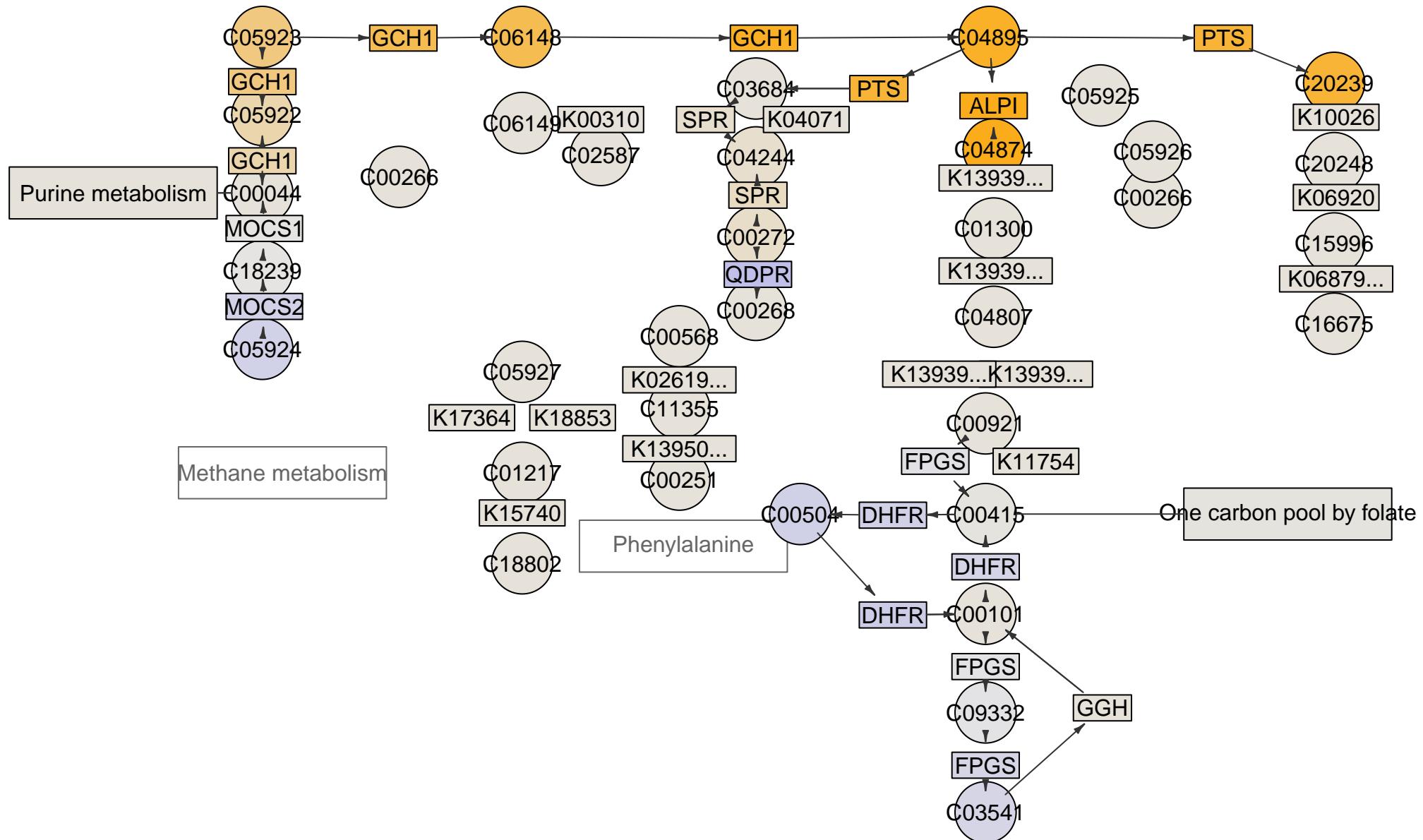
Folate biosynthesis  
MPI-119



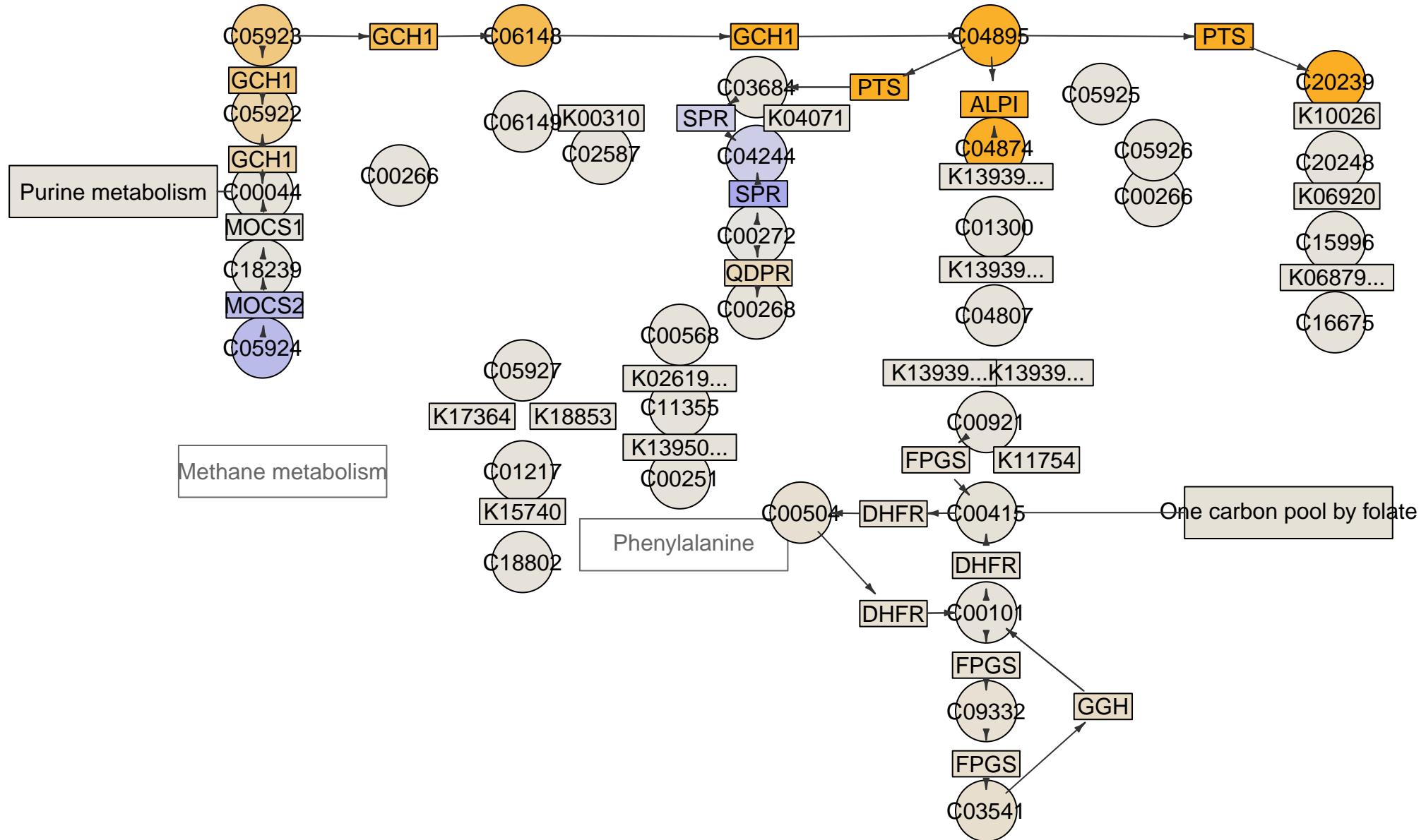
Folate biosynthesis  
MPI-122



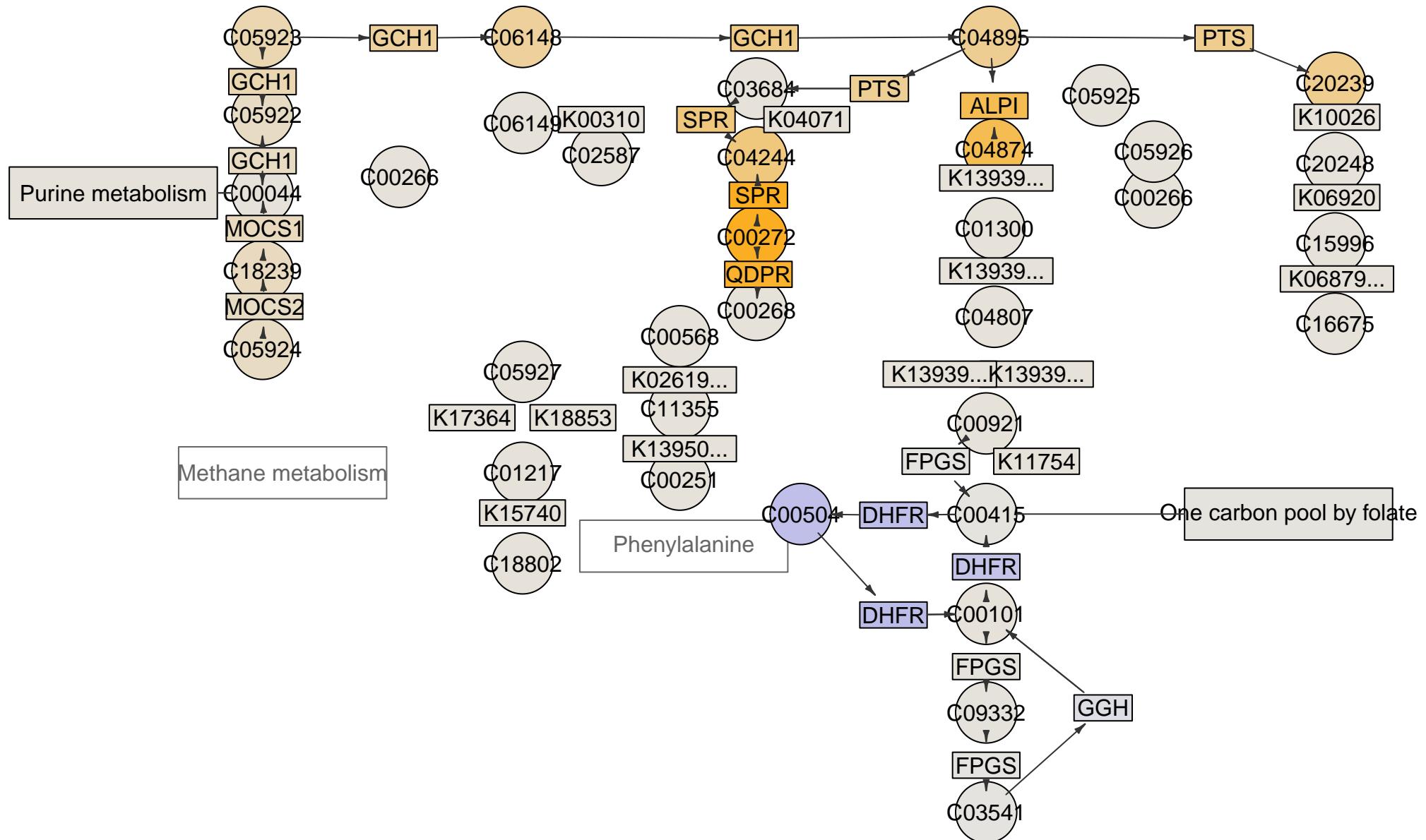
Folate biosynthesis  
MPI-127



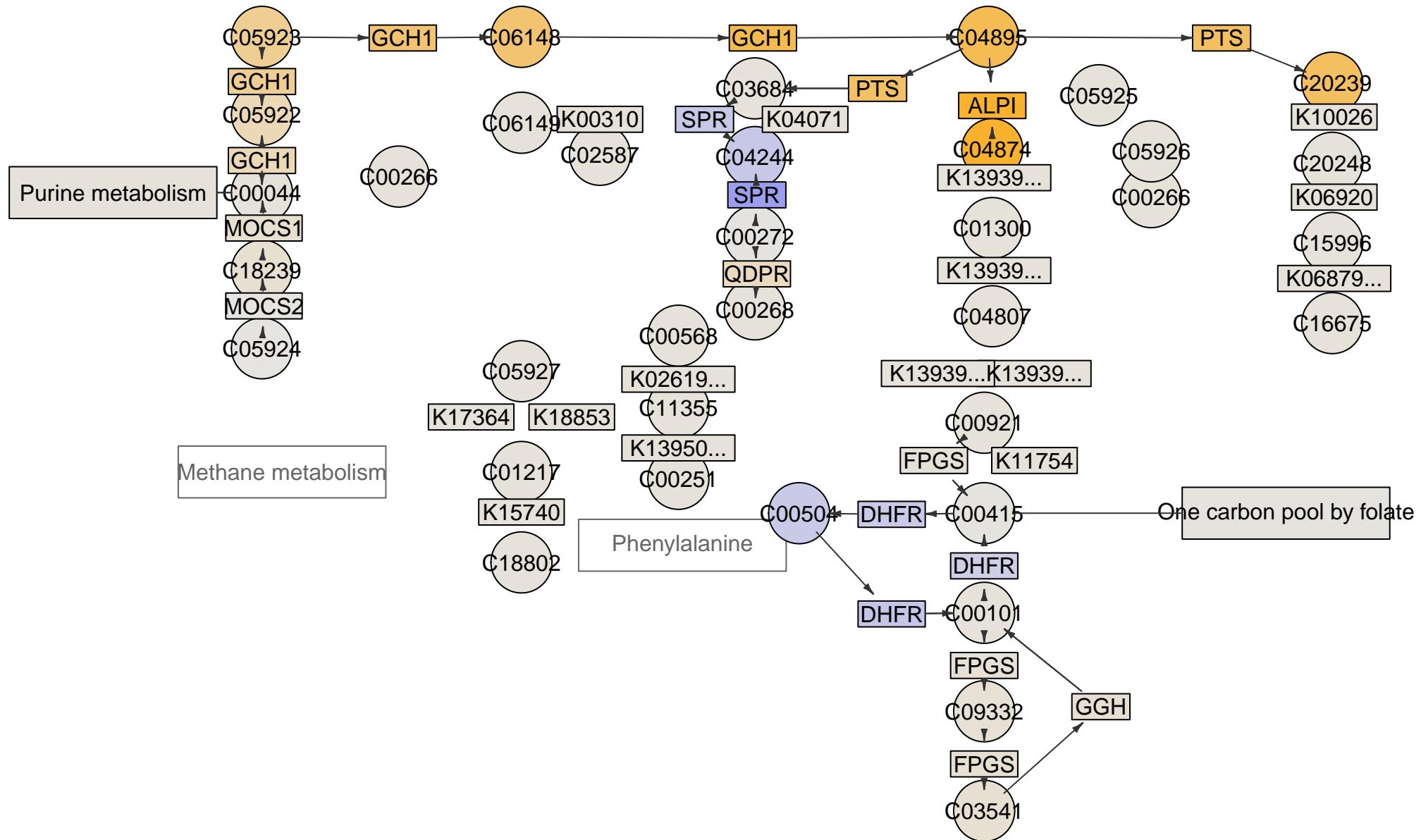
Folate biosynthesis  
MPI-128



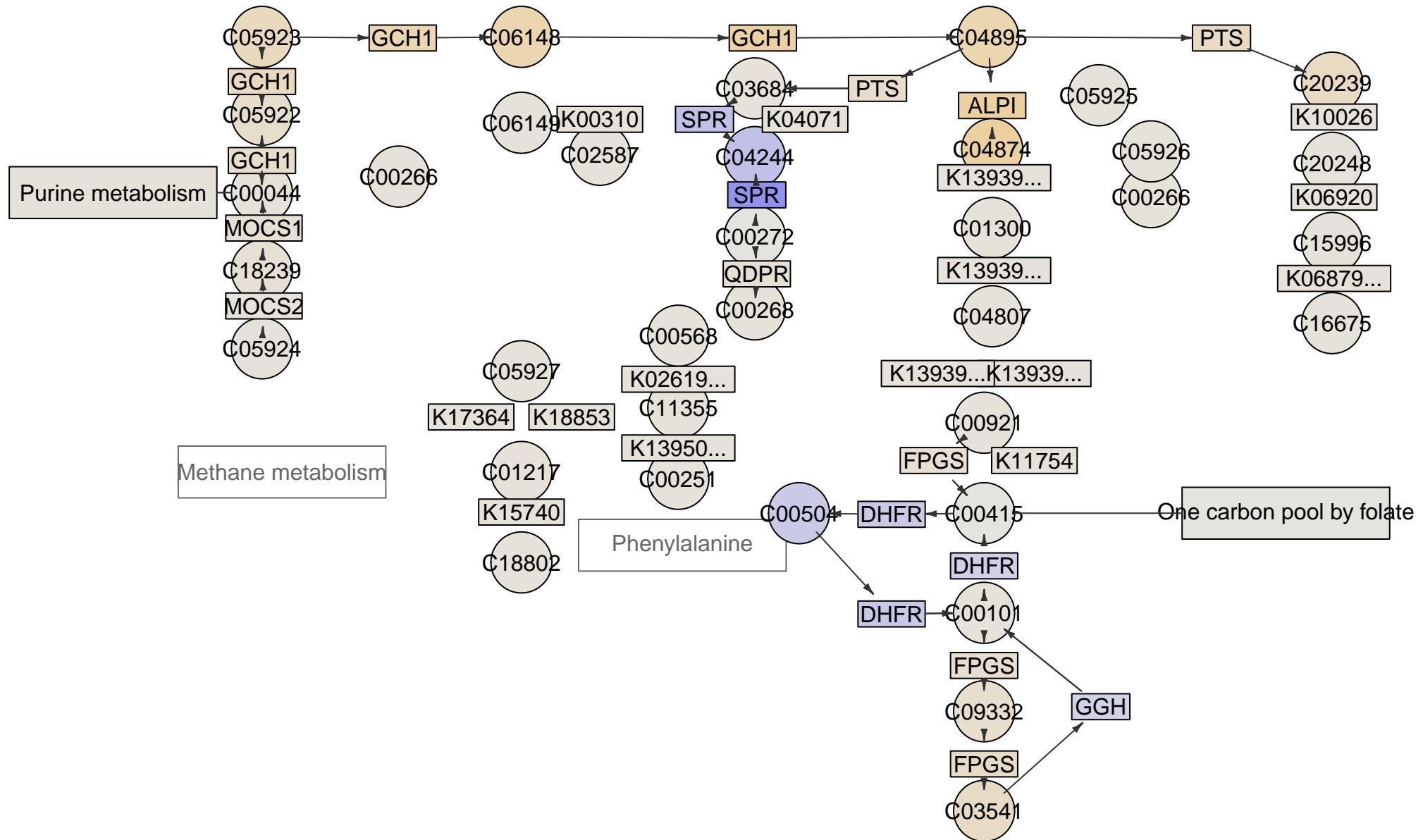
Folate biosynthesis  
MPI-129



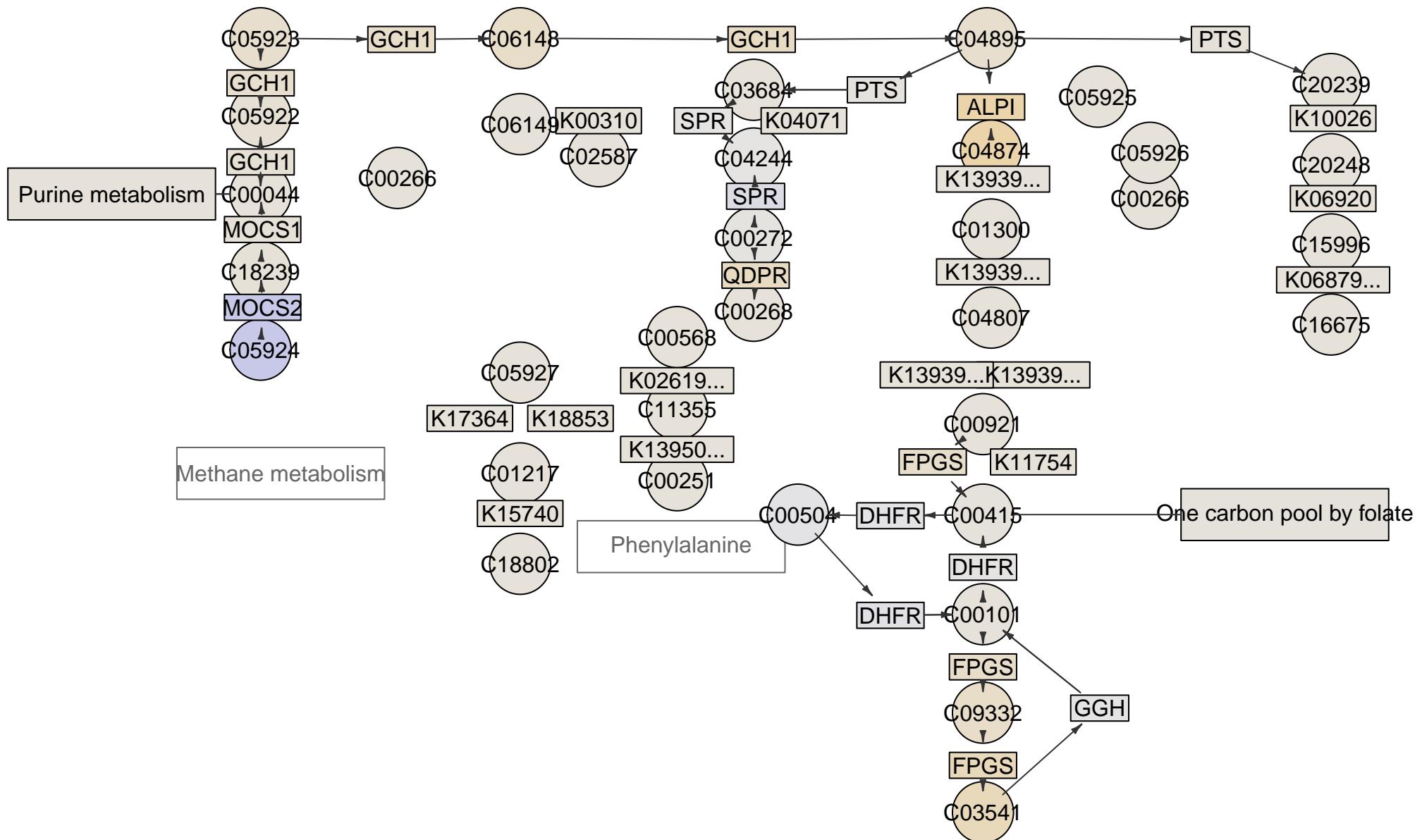
Folate biosynthesis  
MPI-130



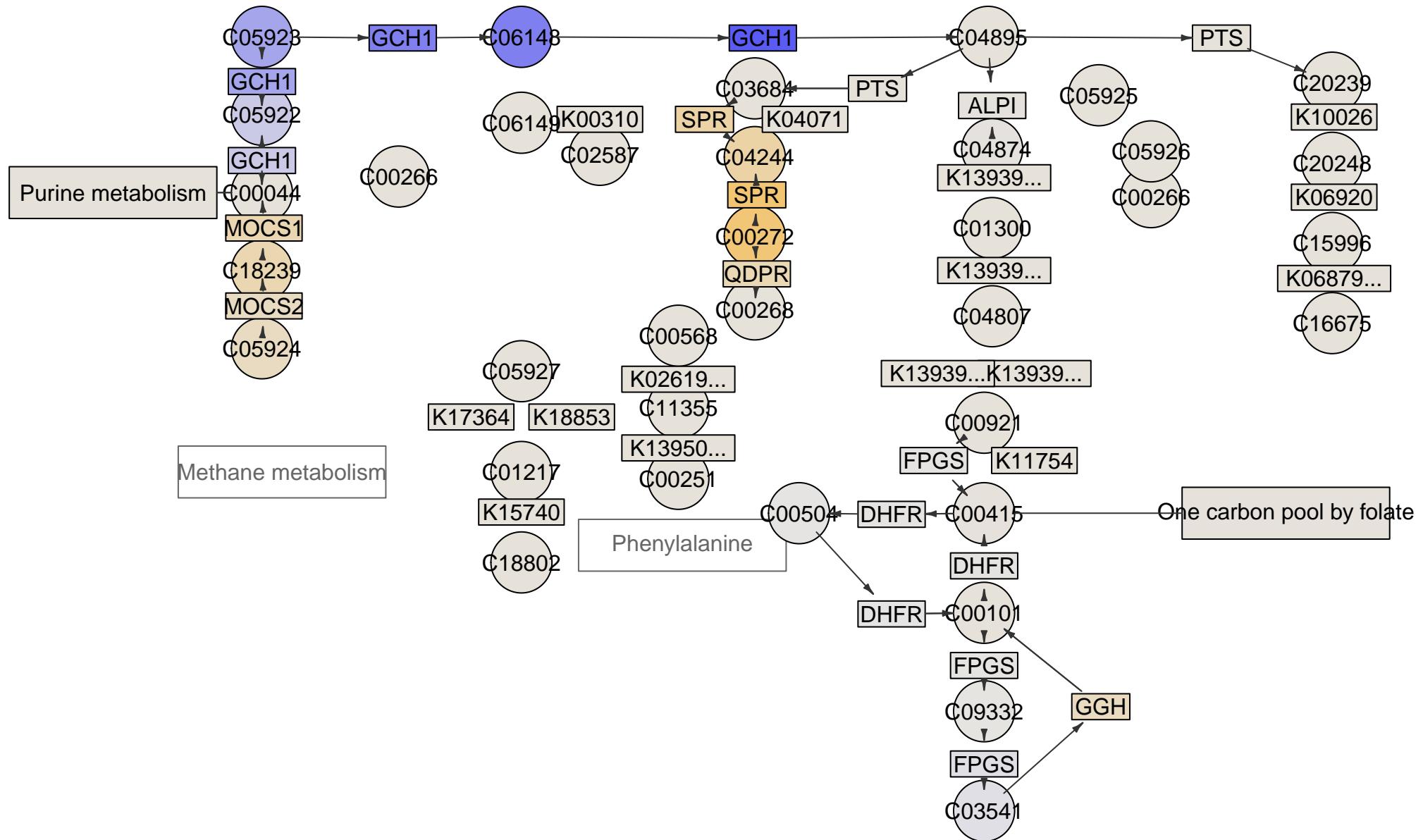
Folate biosynthesis  
MPI-132



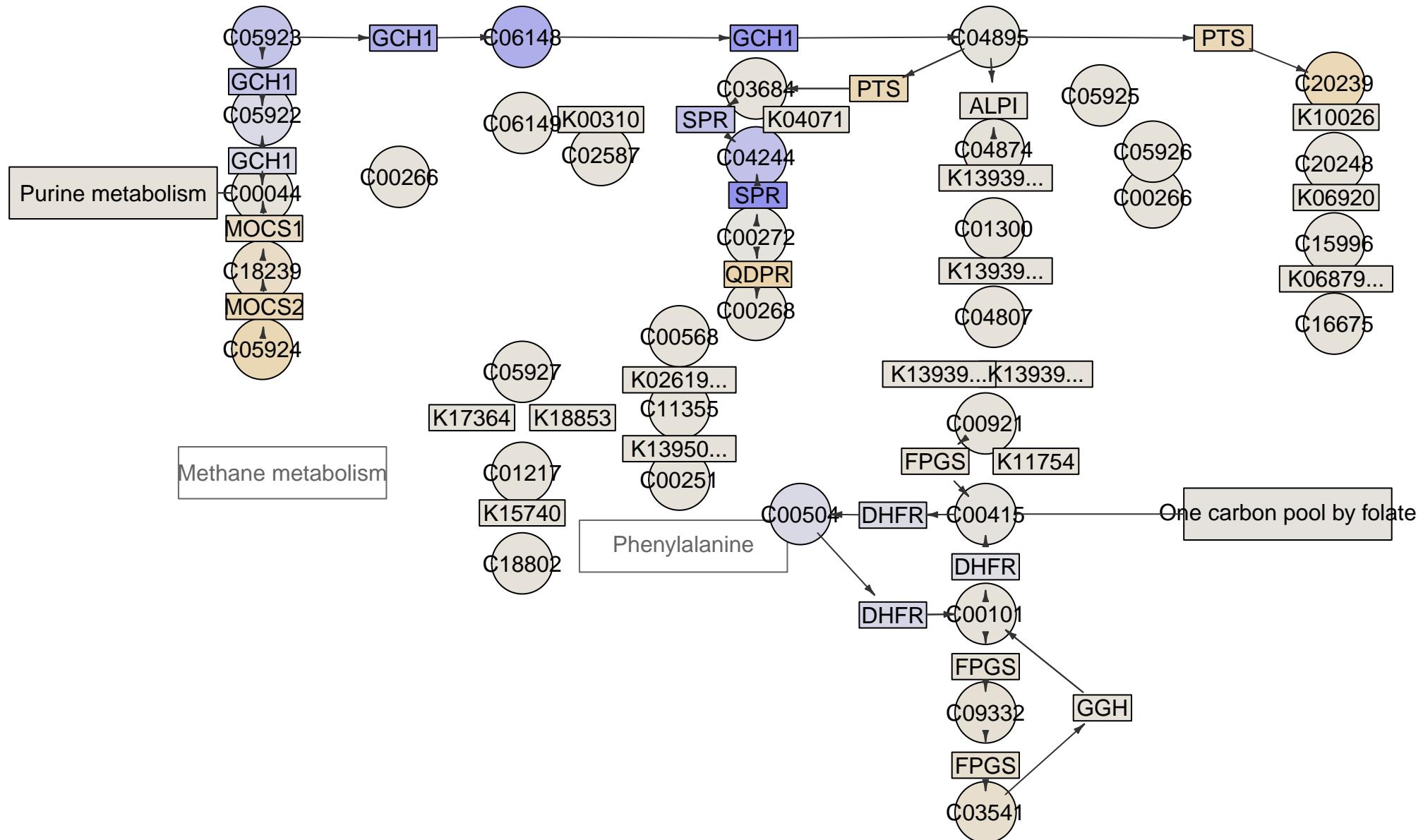
Folate biosynthesis  
MPI-133



Folate biosynthesis  
MPI-134

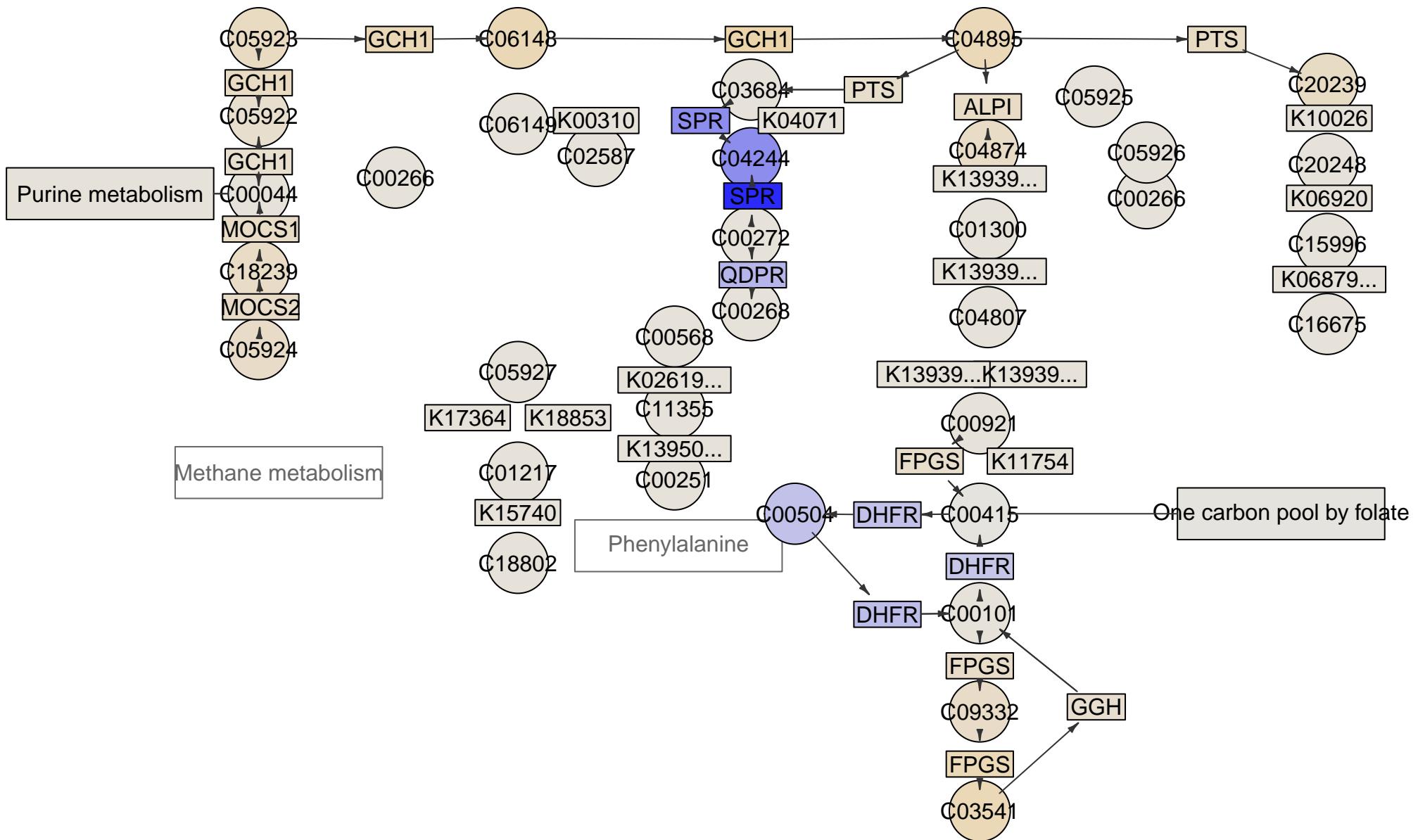


Folate biosynthesis  
MPI-135

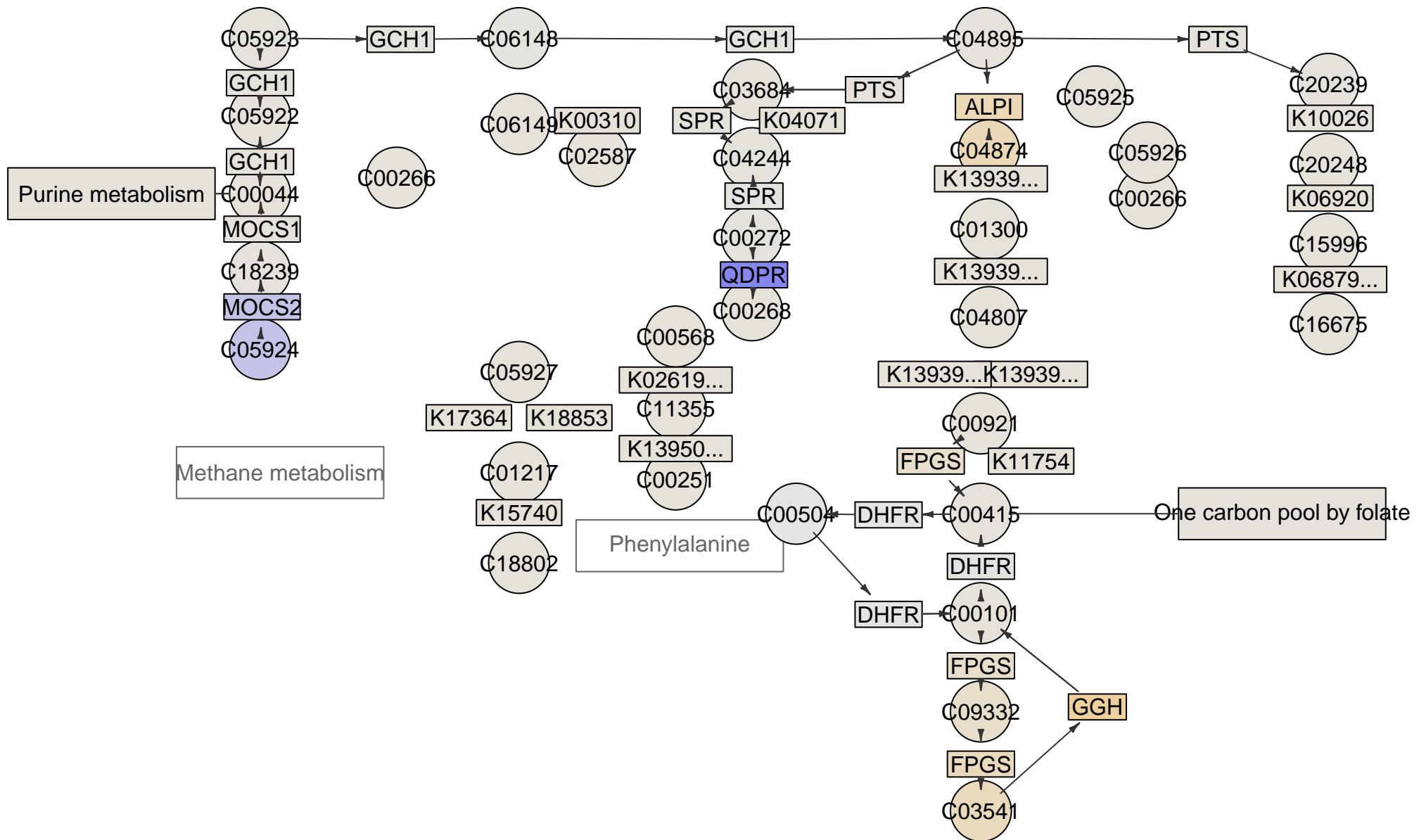


# Folate biosynthesis

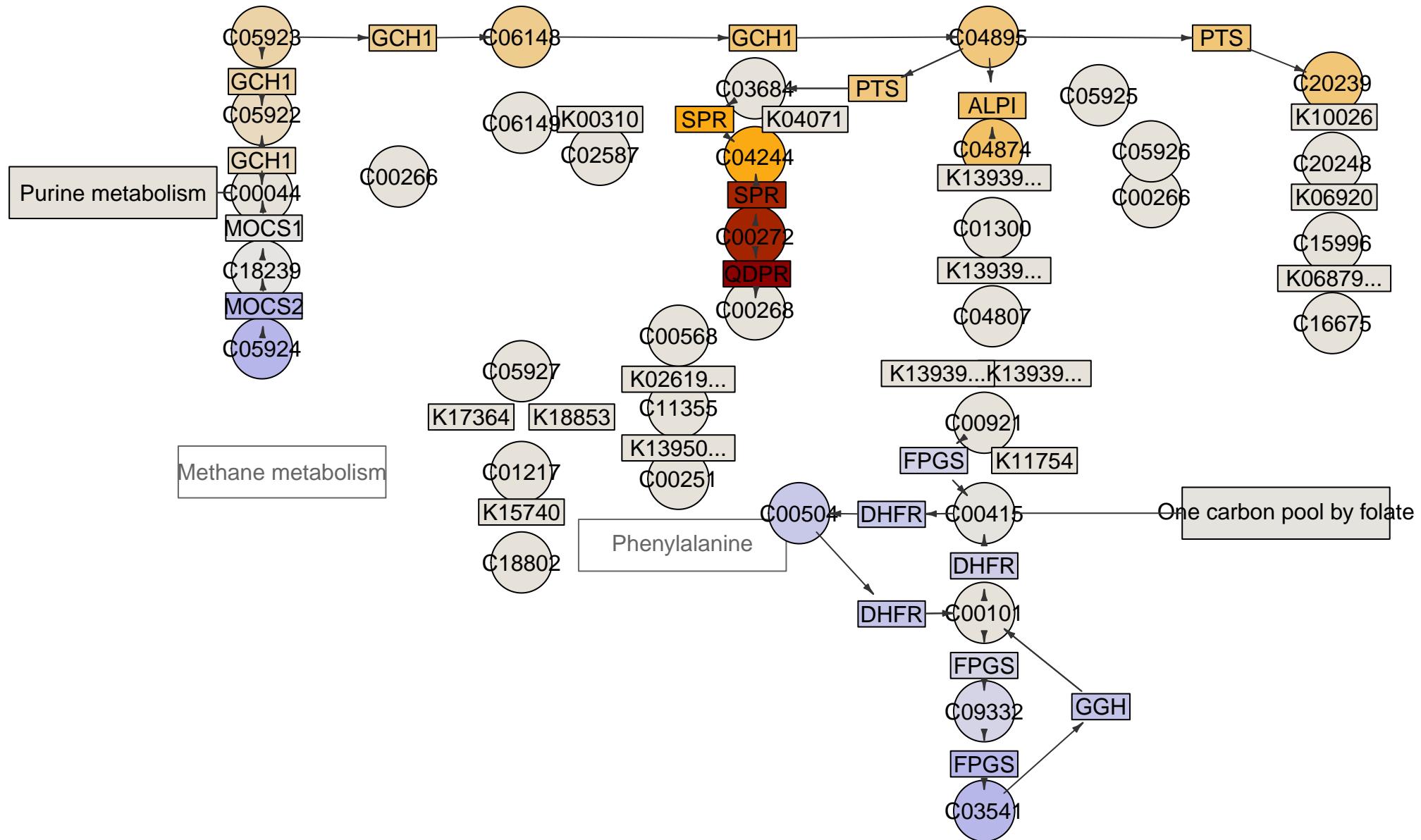
## MPI-136



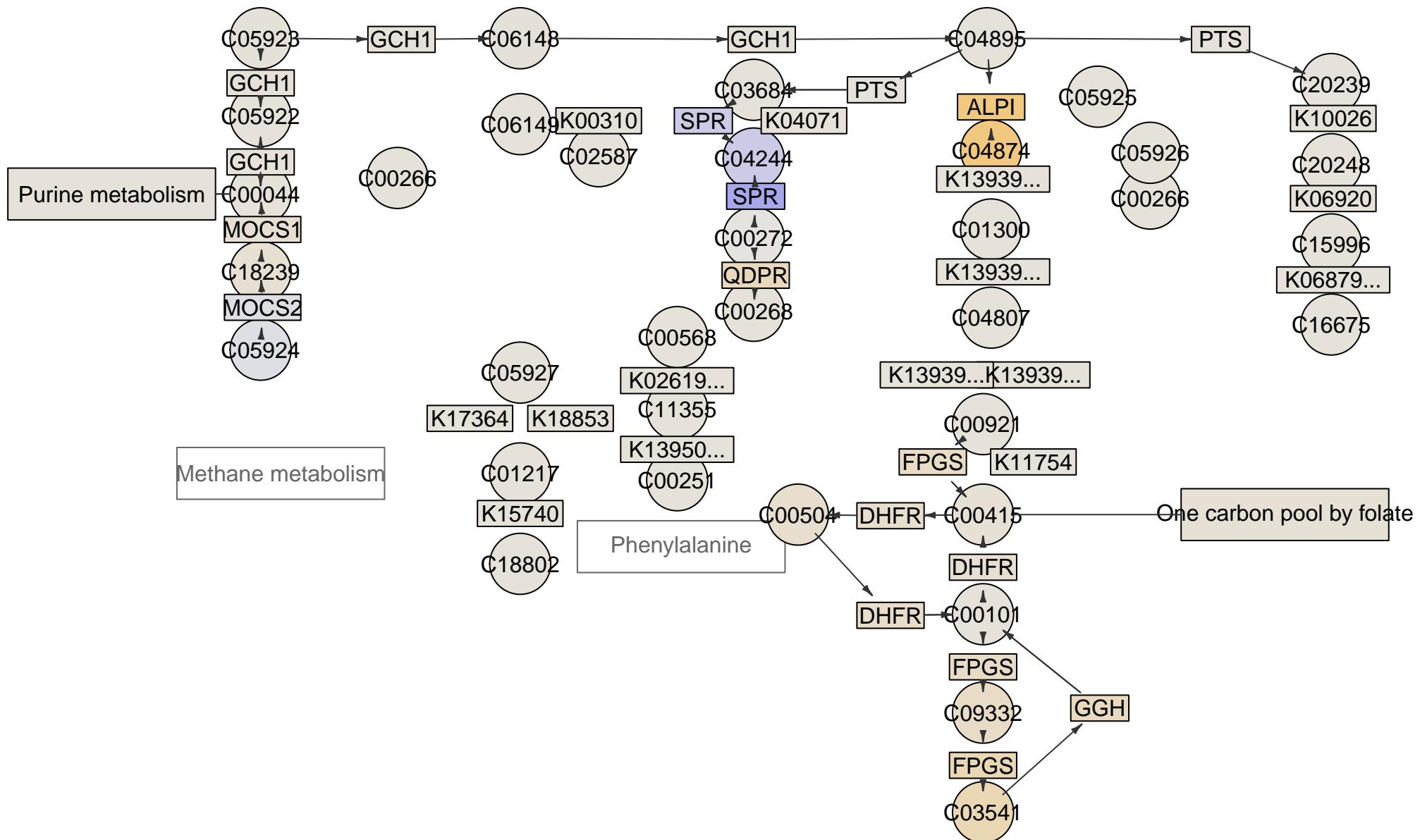
Folate biosynthesis  
MPI-141



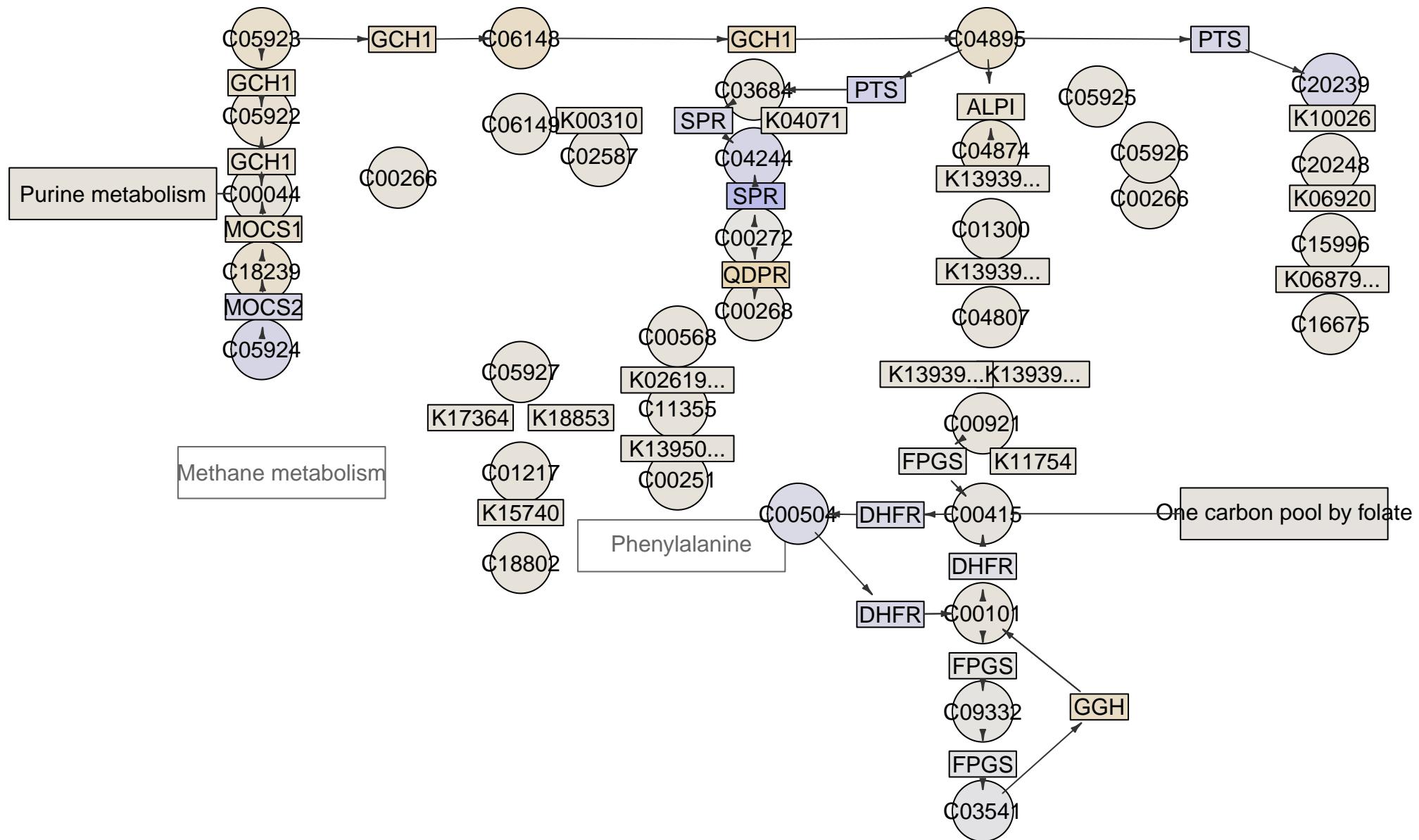
Folate biosynthesis  
MPI-142



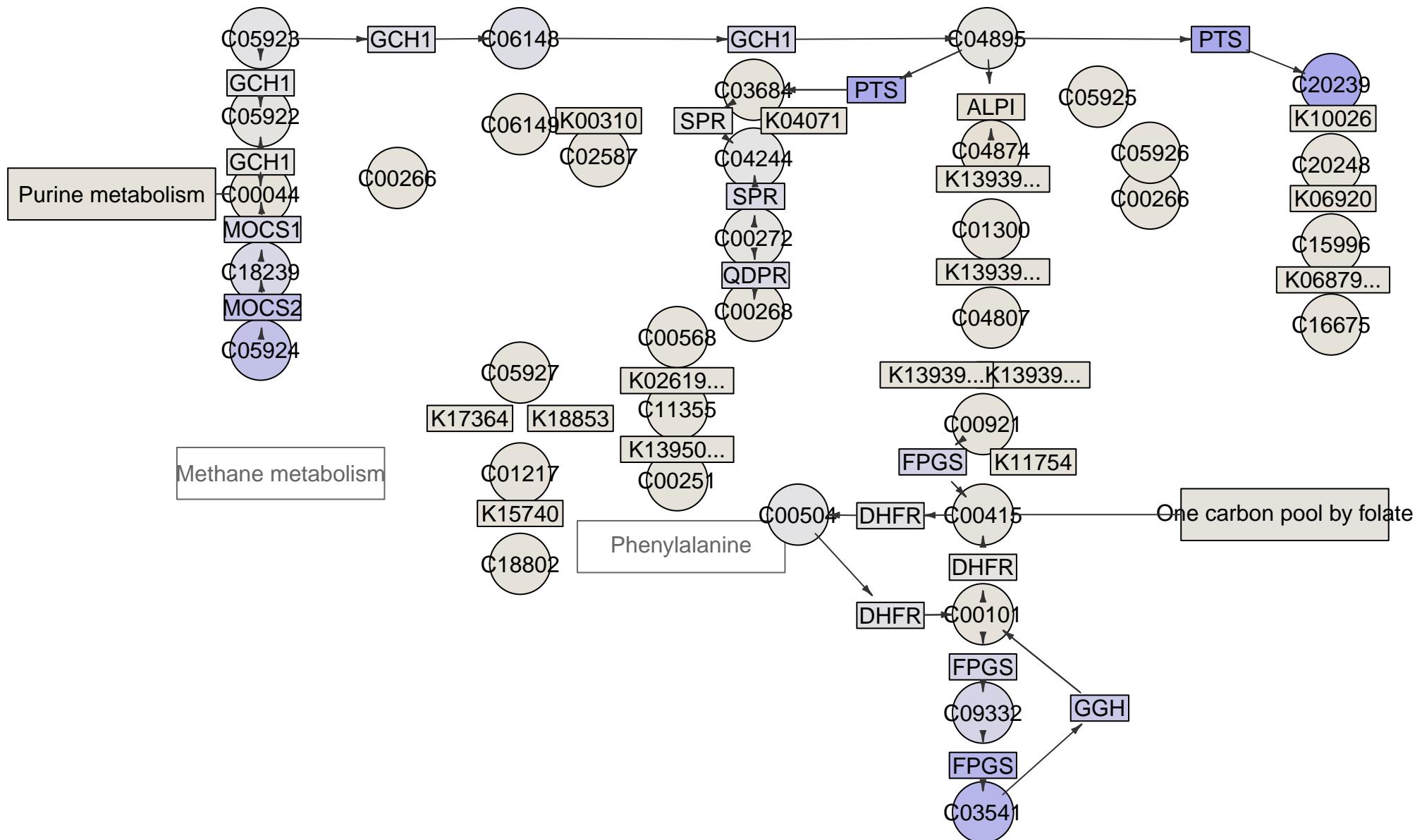
Folate biosynthesis  
MPI-145



Folate biosynthesis  
MPI-146

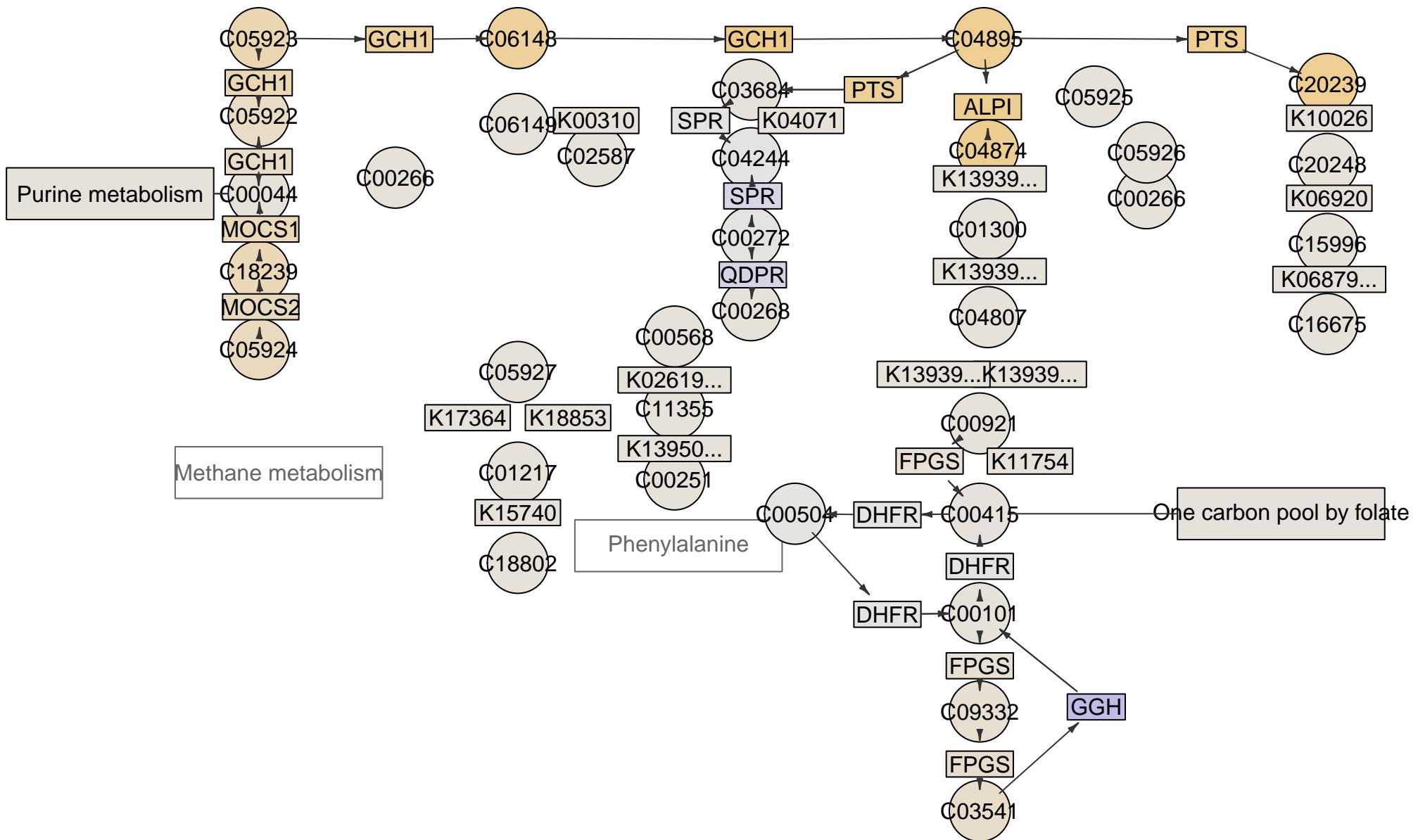


Folate biosynthesis  
MPI-149

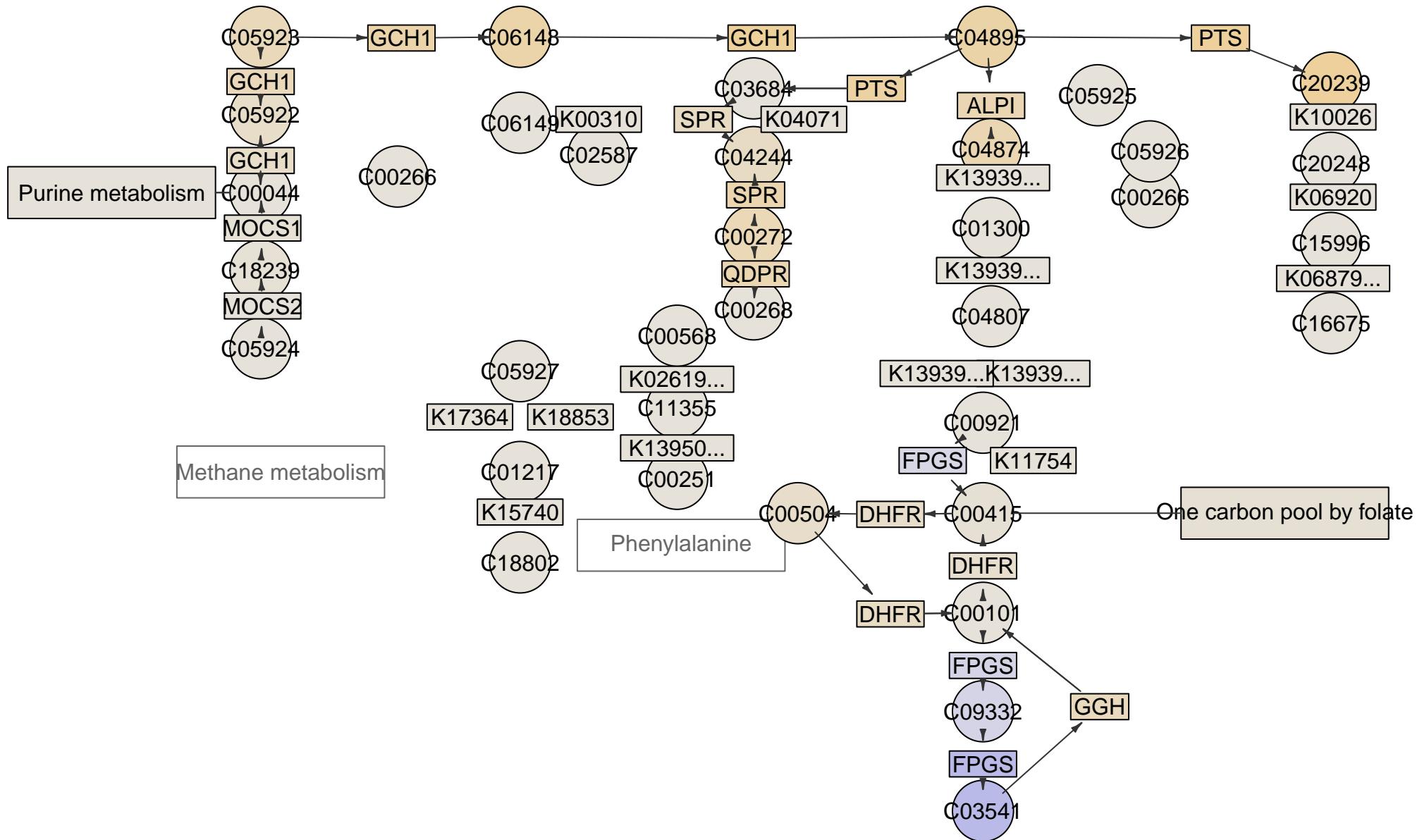


# Folate biosynthesis

## MPI-150

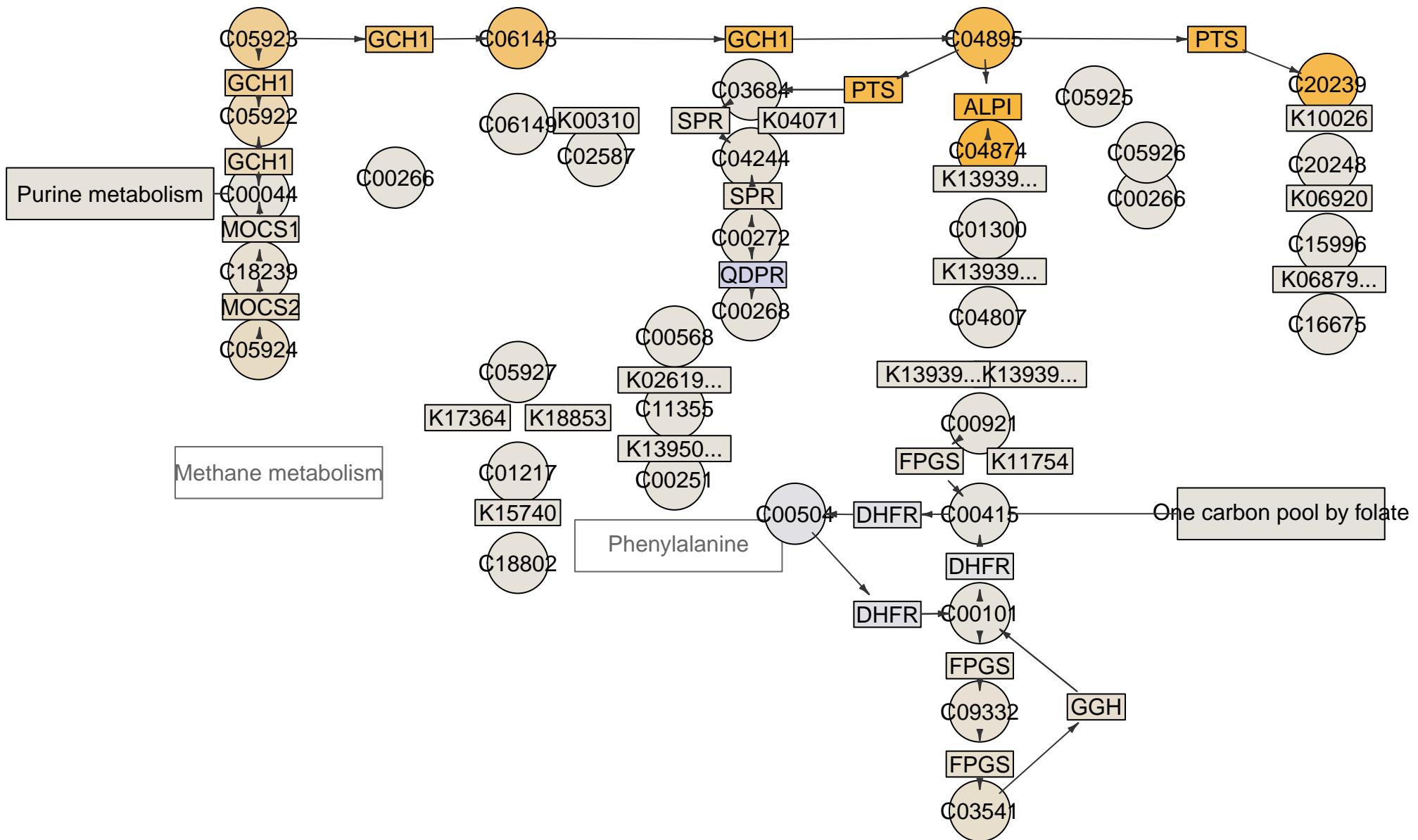


Folate biosynthesis  
MPI-151

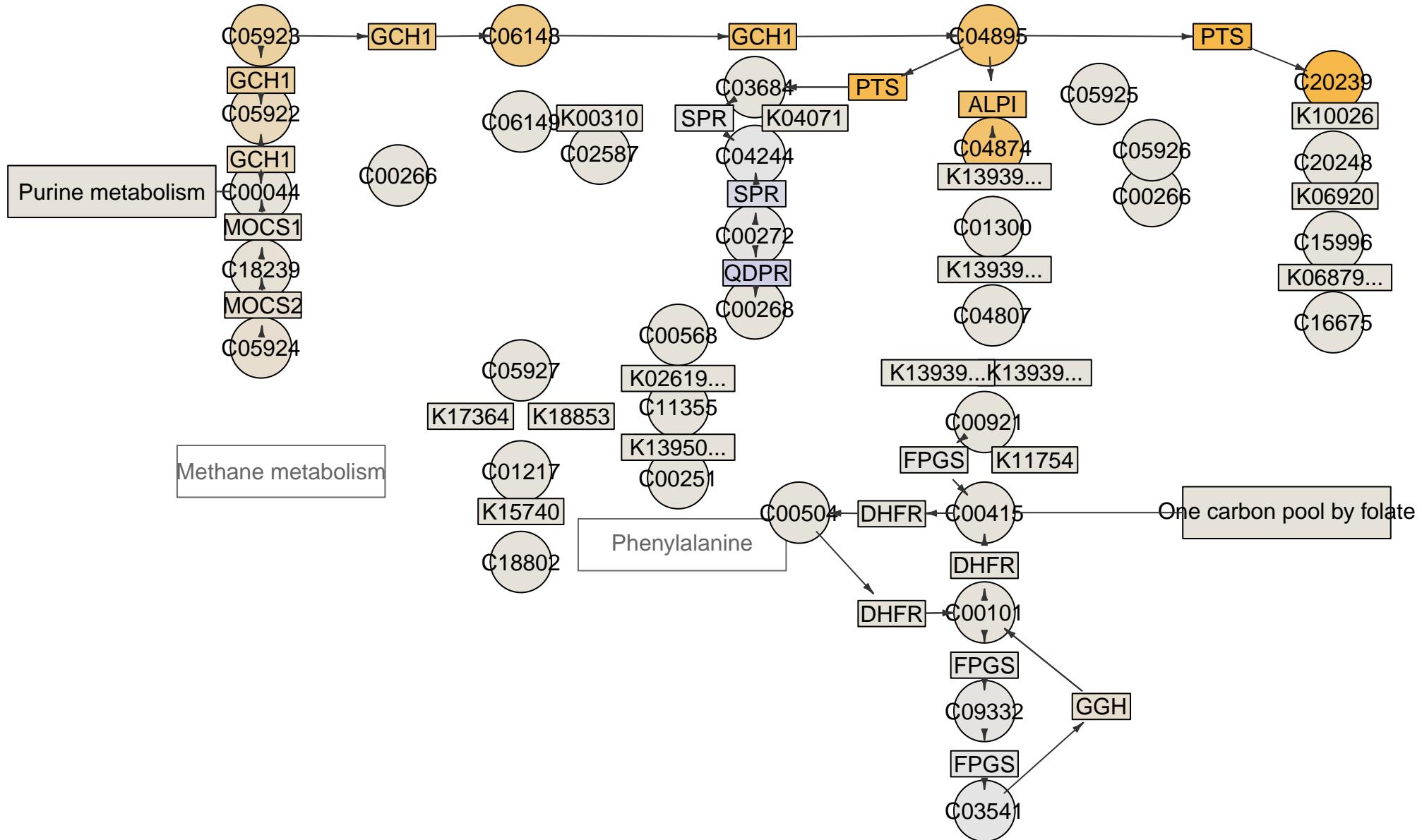


# Folate biosynthesis

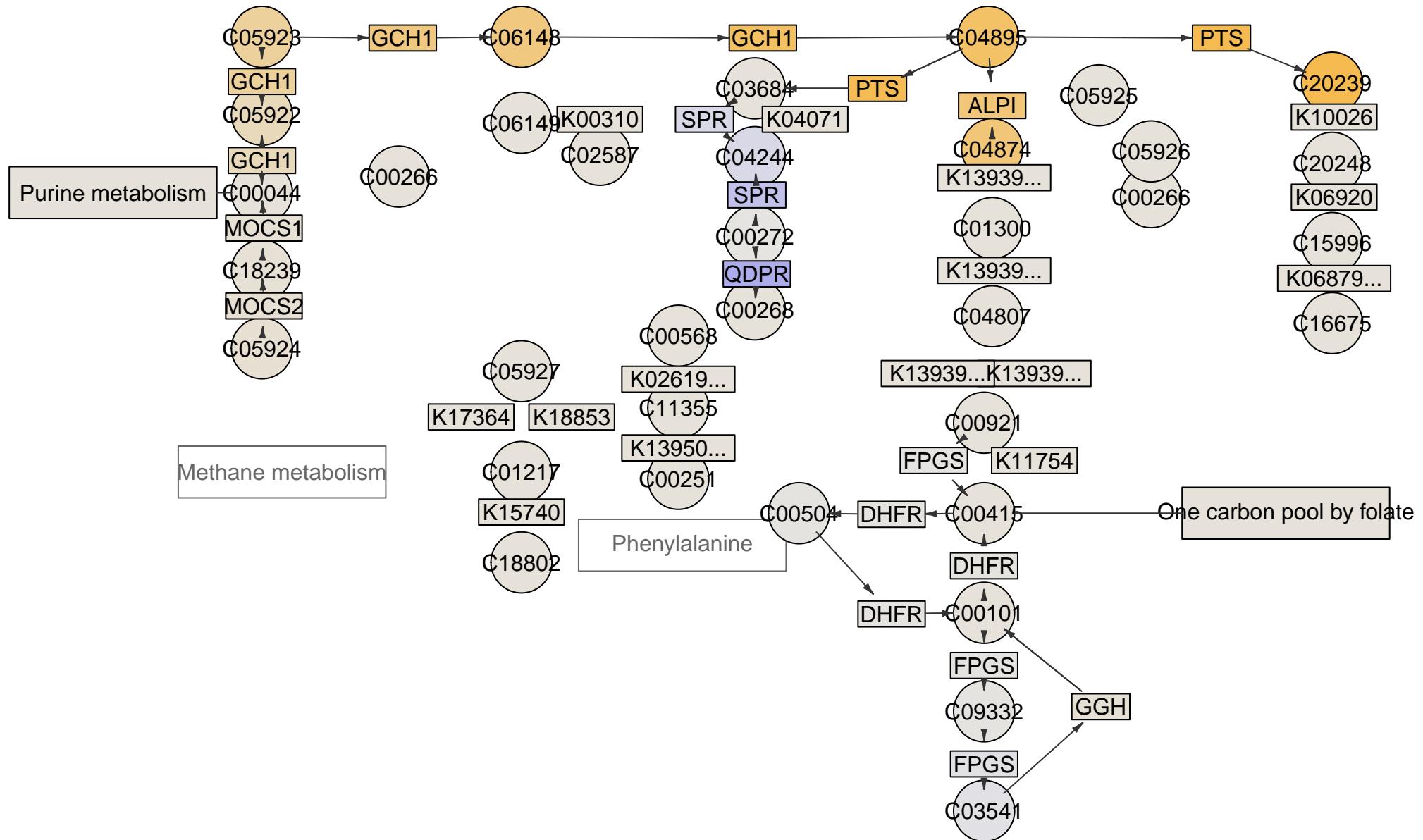
## MPI-152



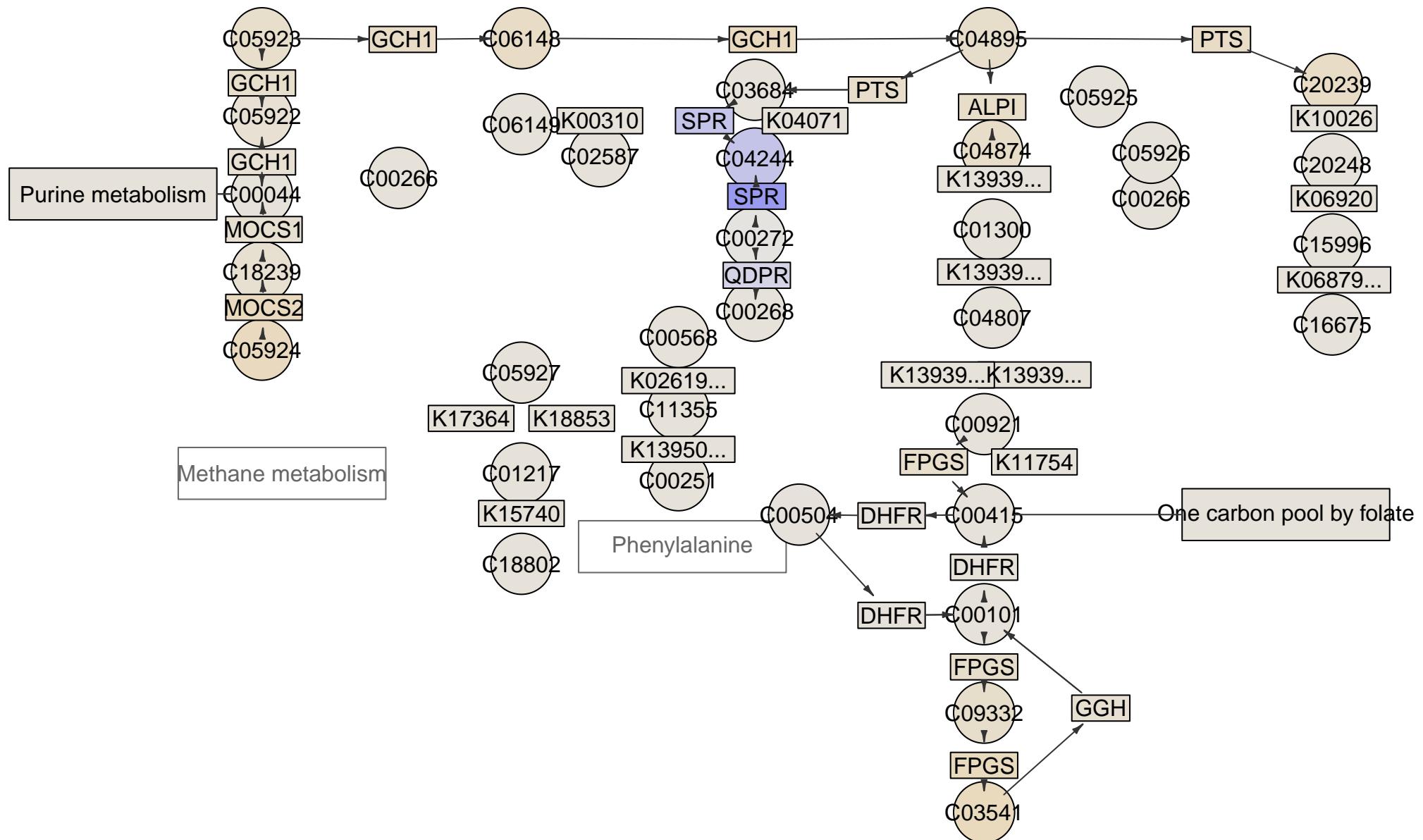
Folate biosynthesis  
MPI-153



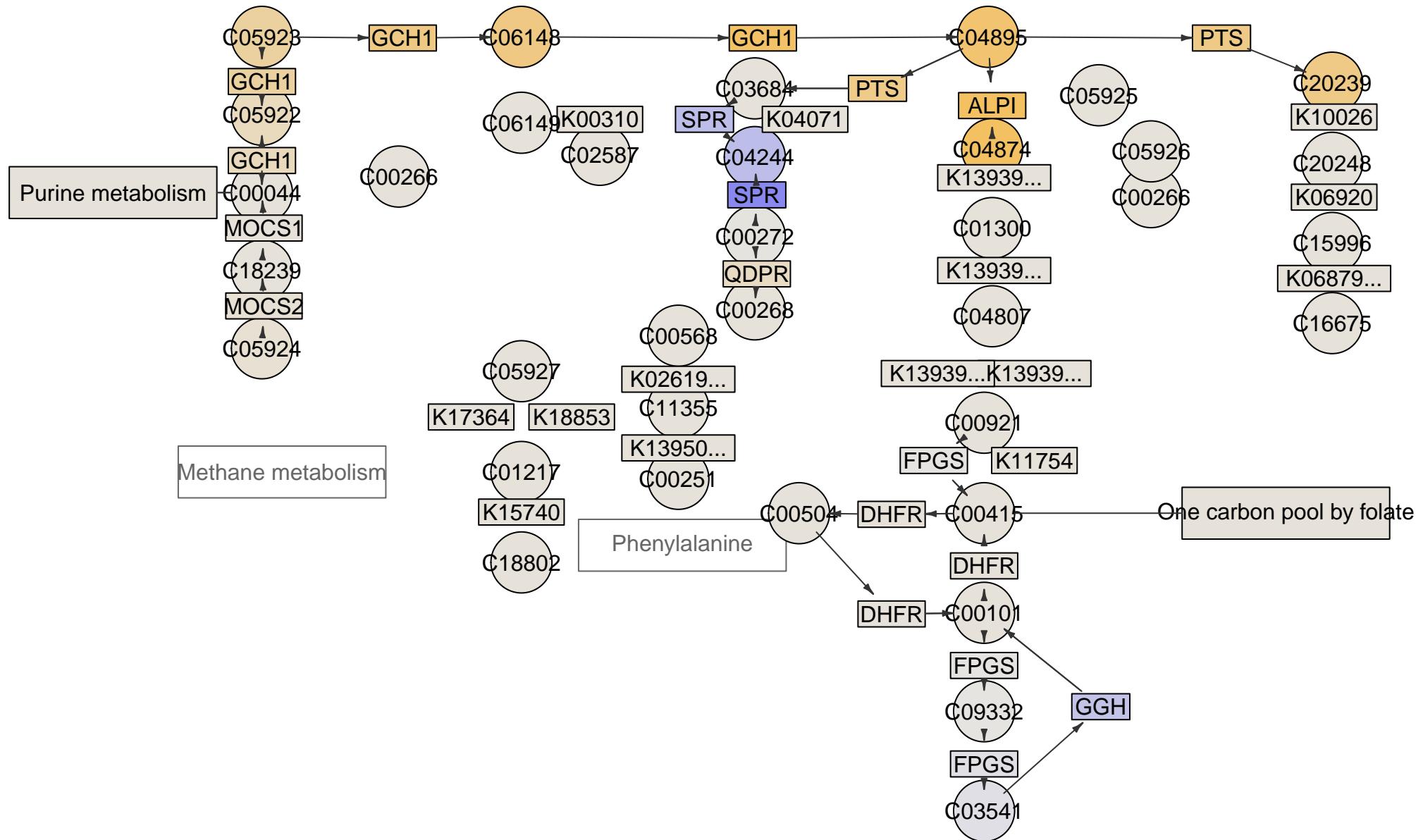
Folate biosynthesis  
MPI-154



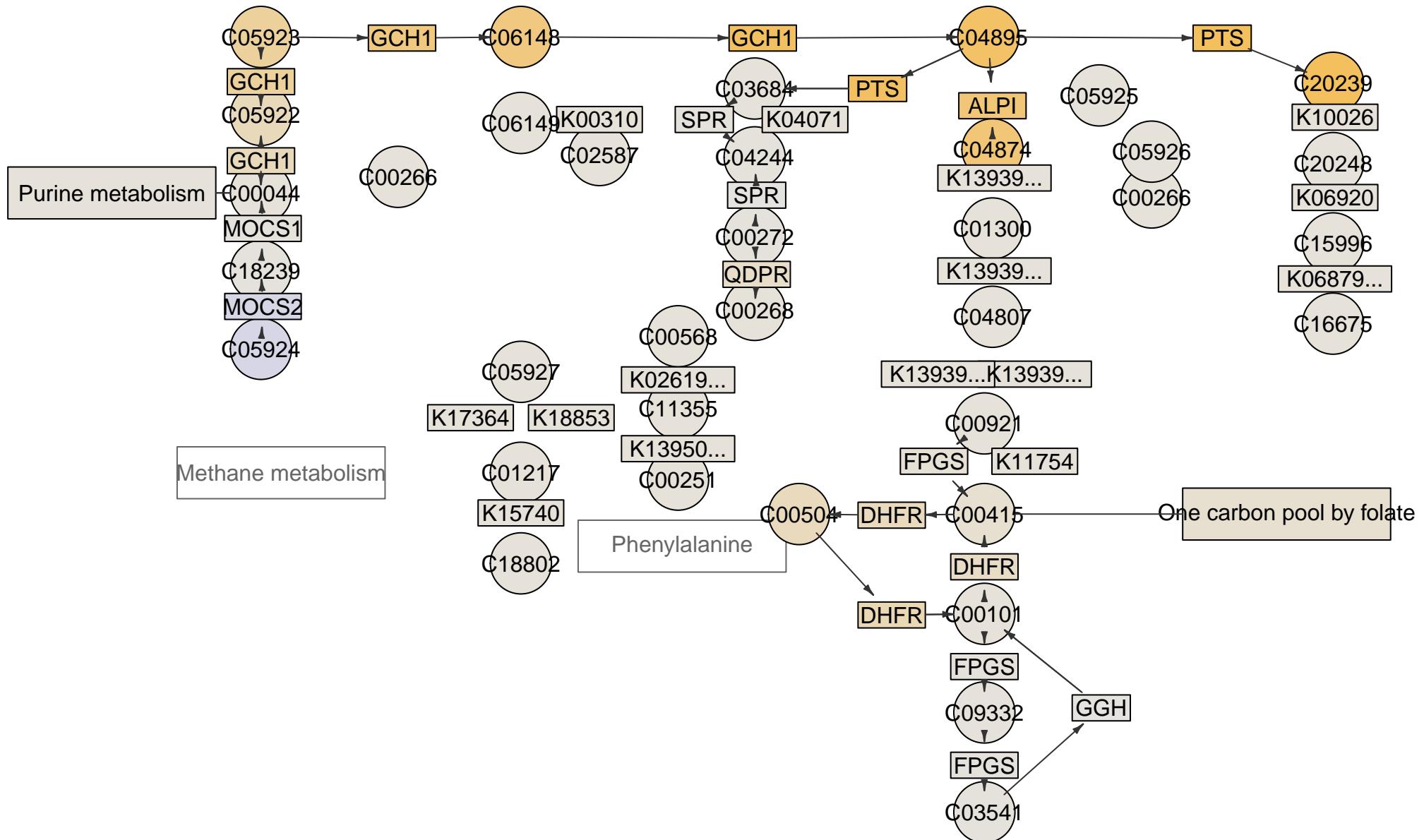
Folate biosynthesis  
MPI-155



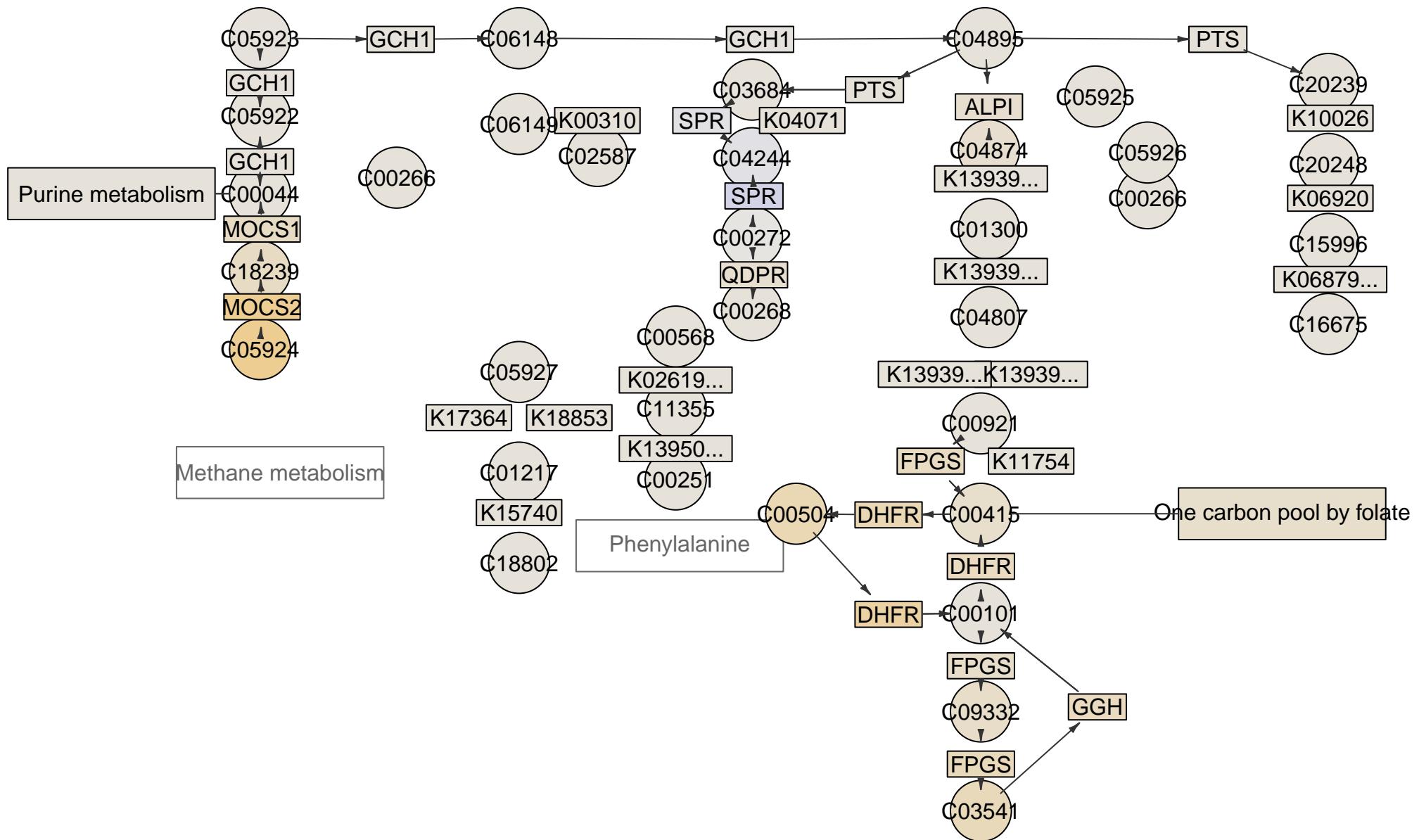
Folate biosynthesis  
MPI-159



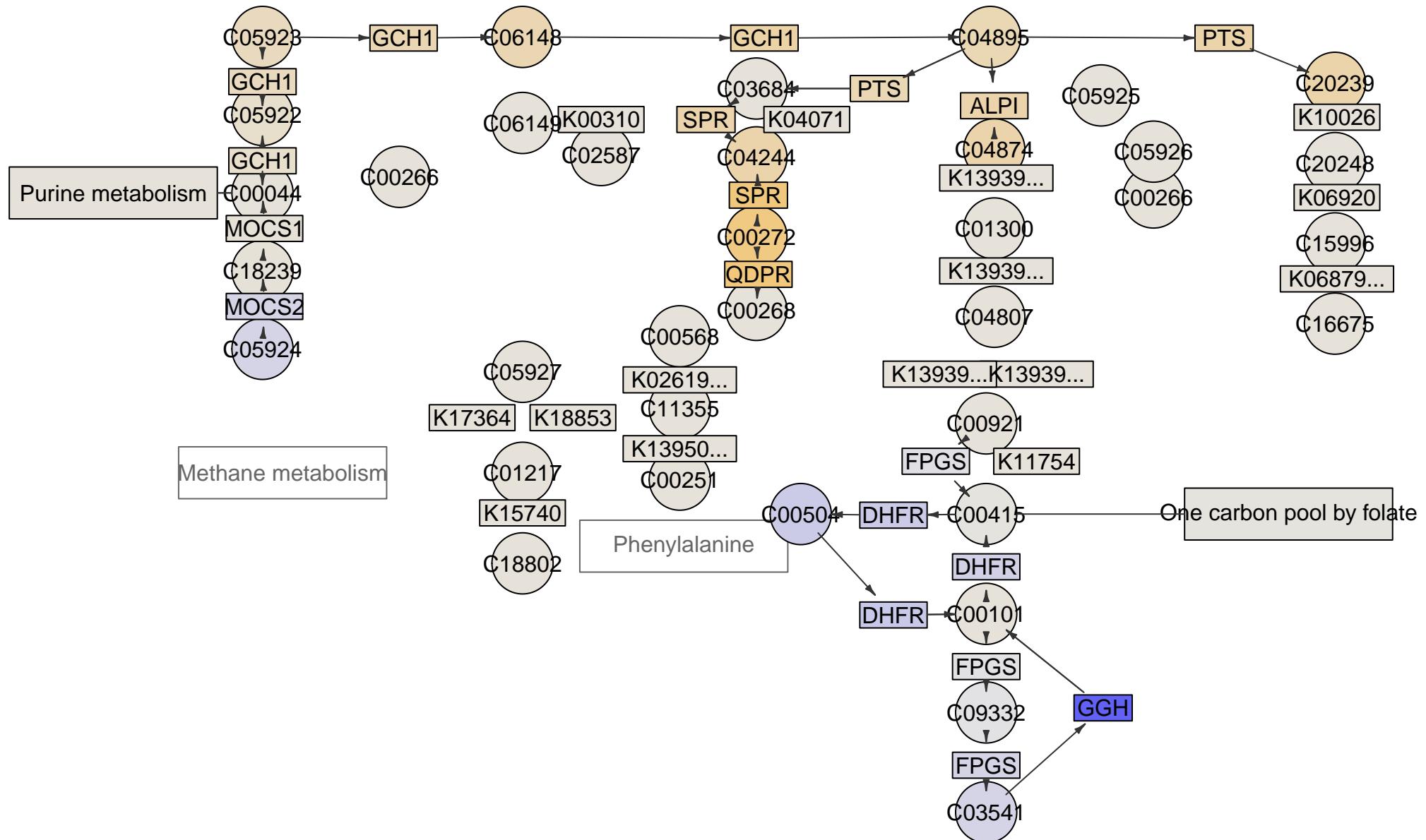
Folate biosynthesis  
MPI-163



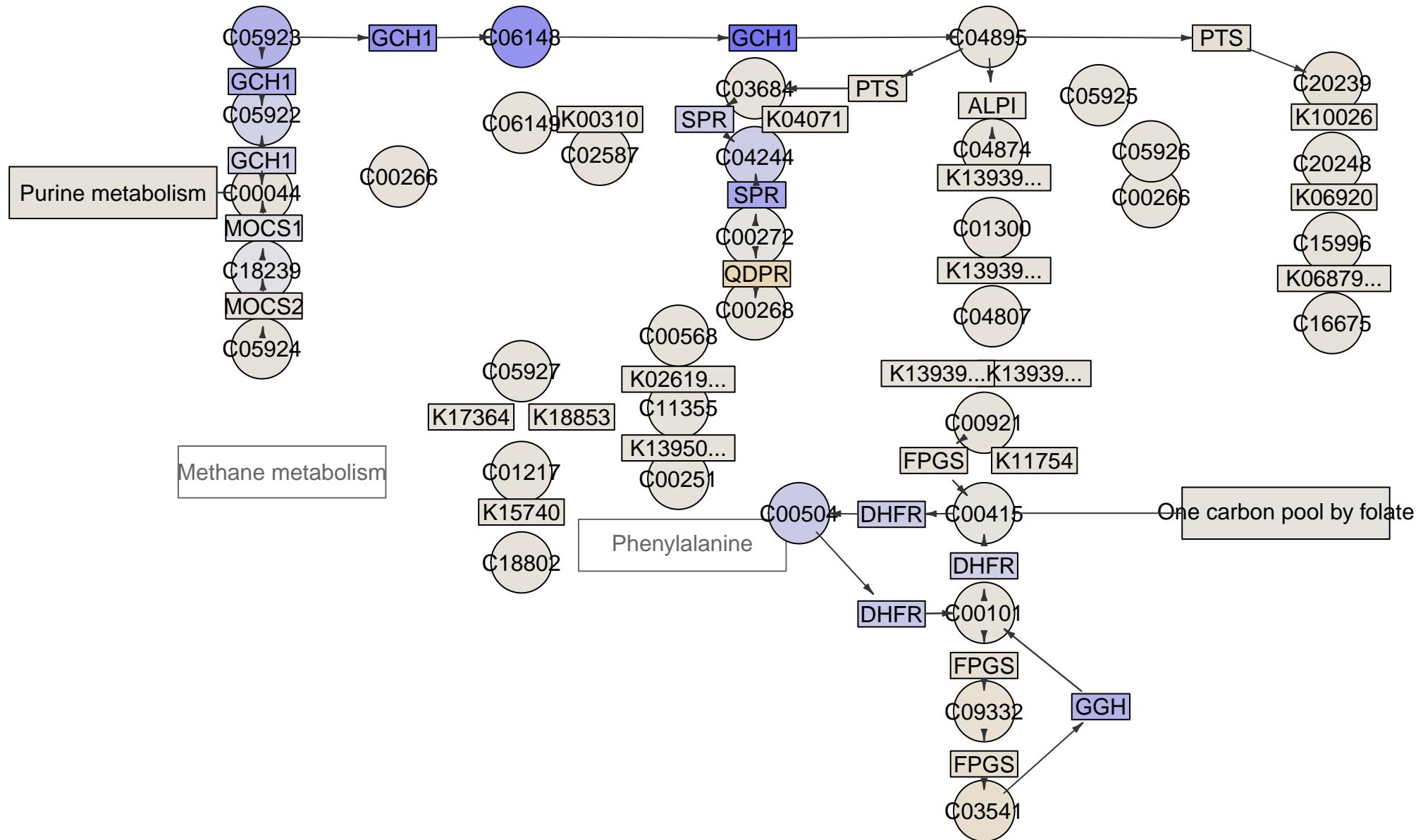
Folate biosynthesis  
MPI-164



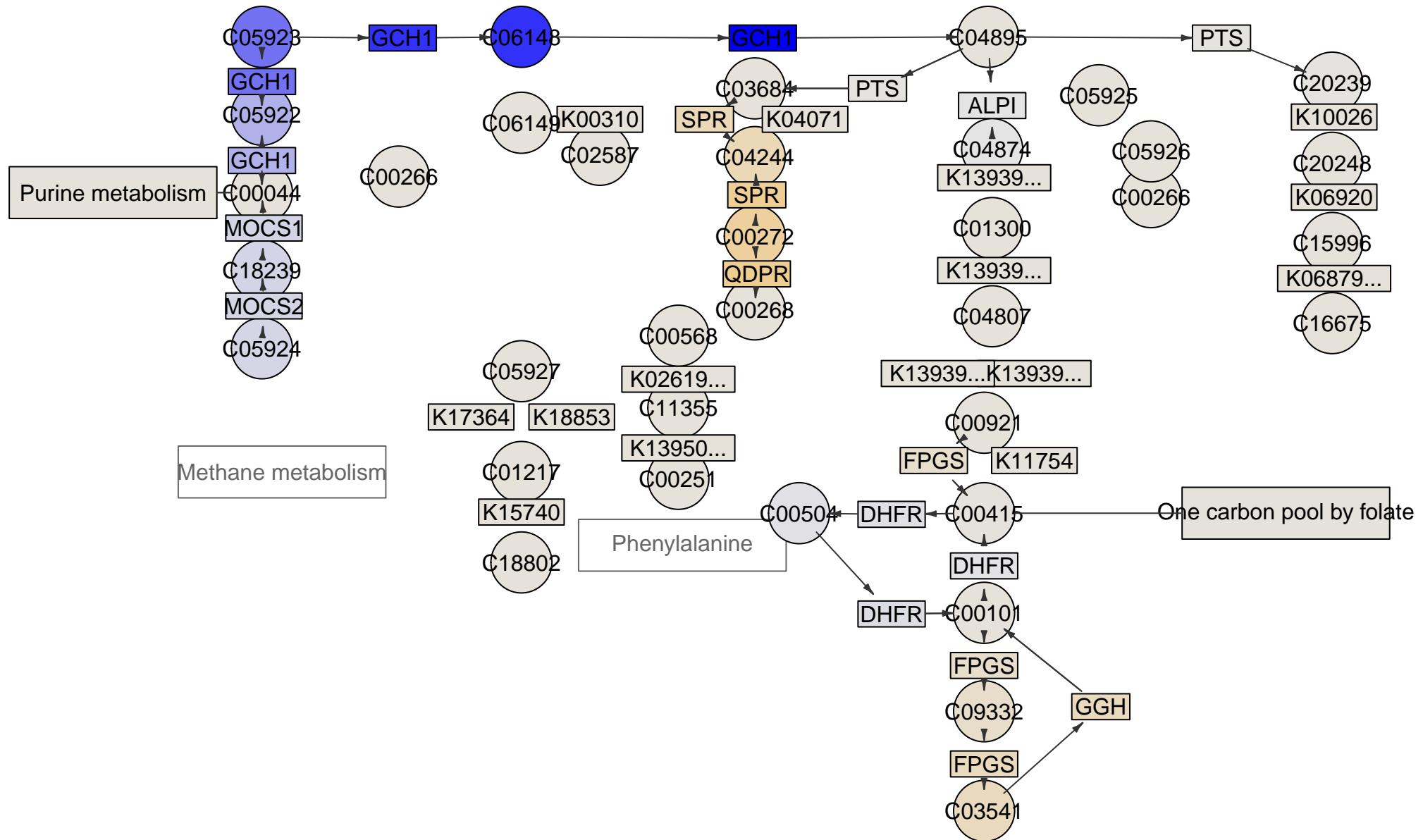
Folate biosynthesis  
MPI-166



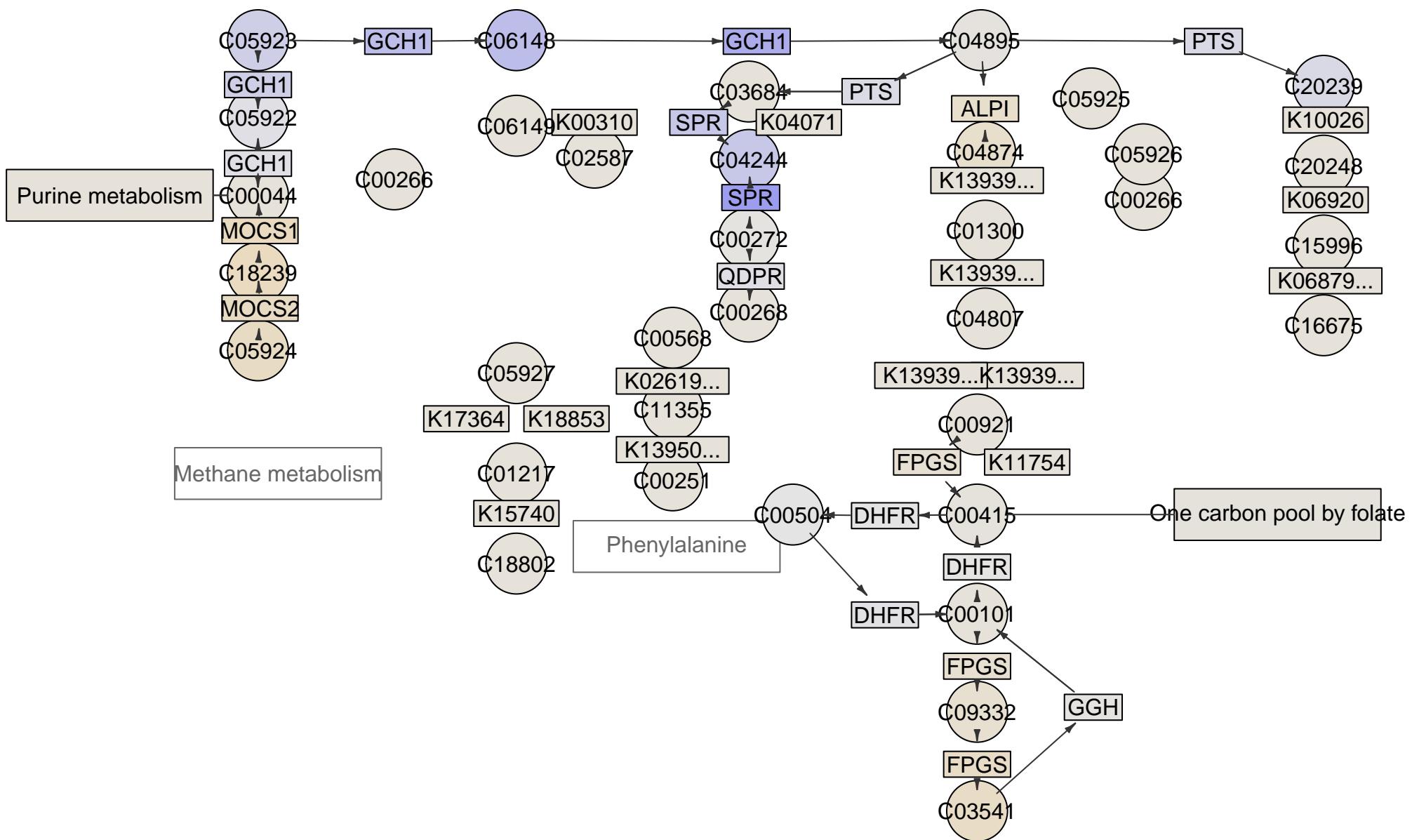
Folate biosynthesis  
MPI-167



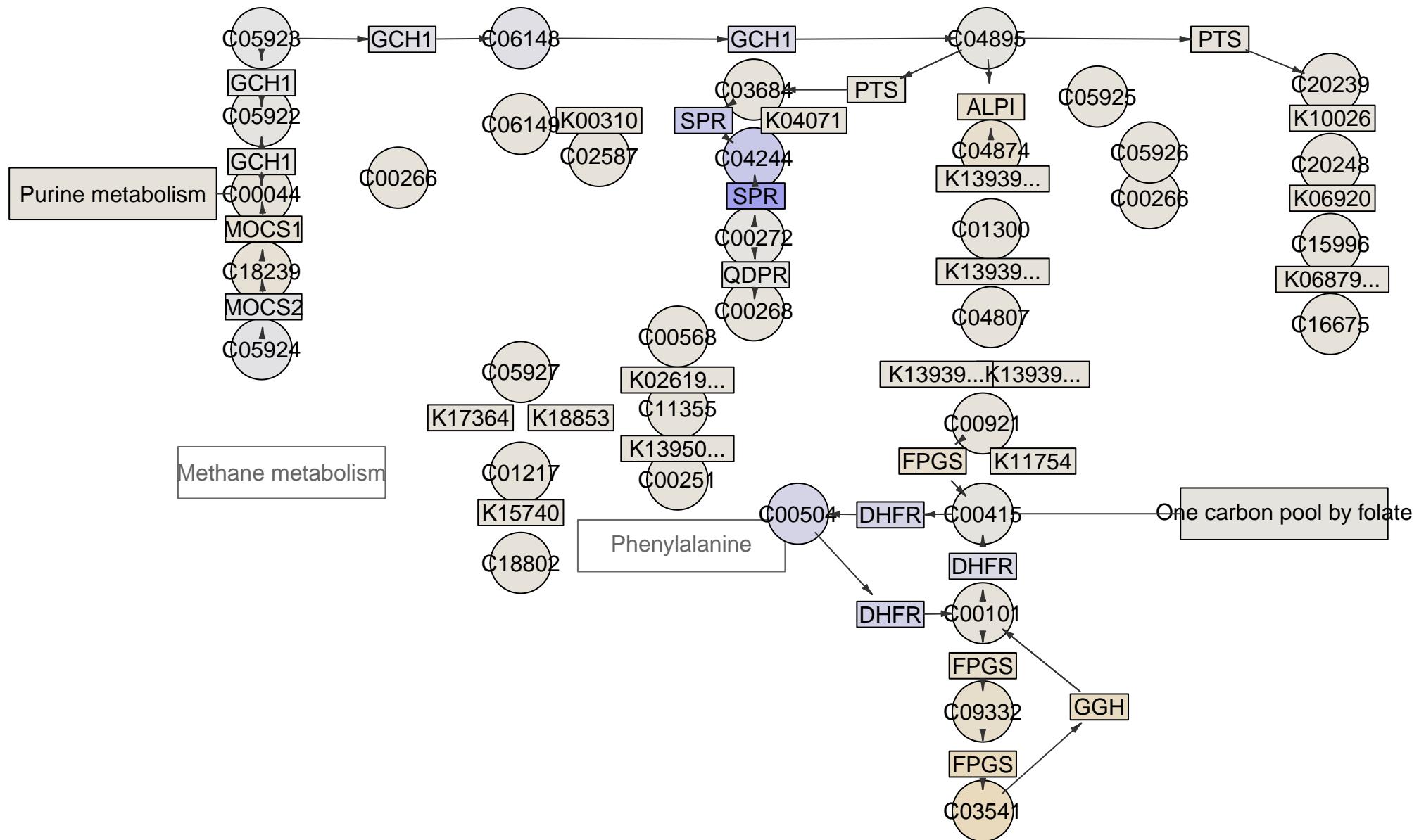
Folate biosynthesis  
MPI-168



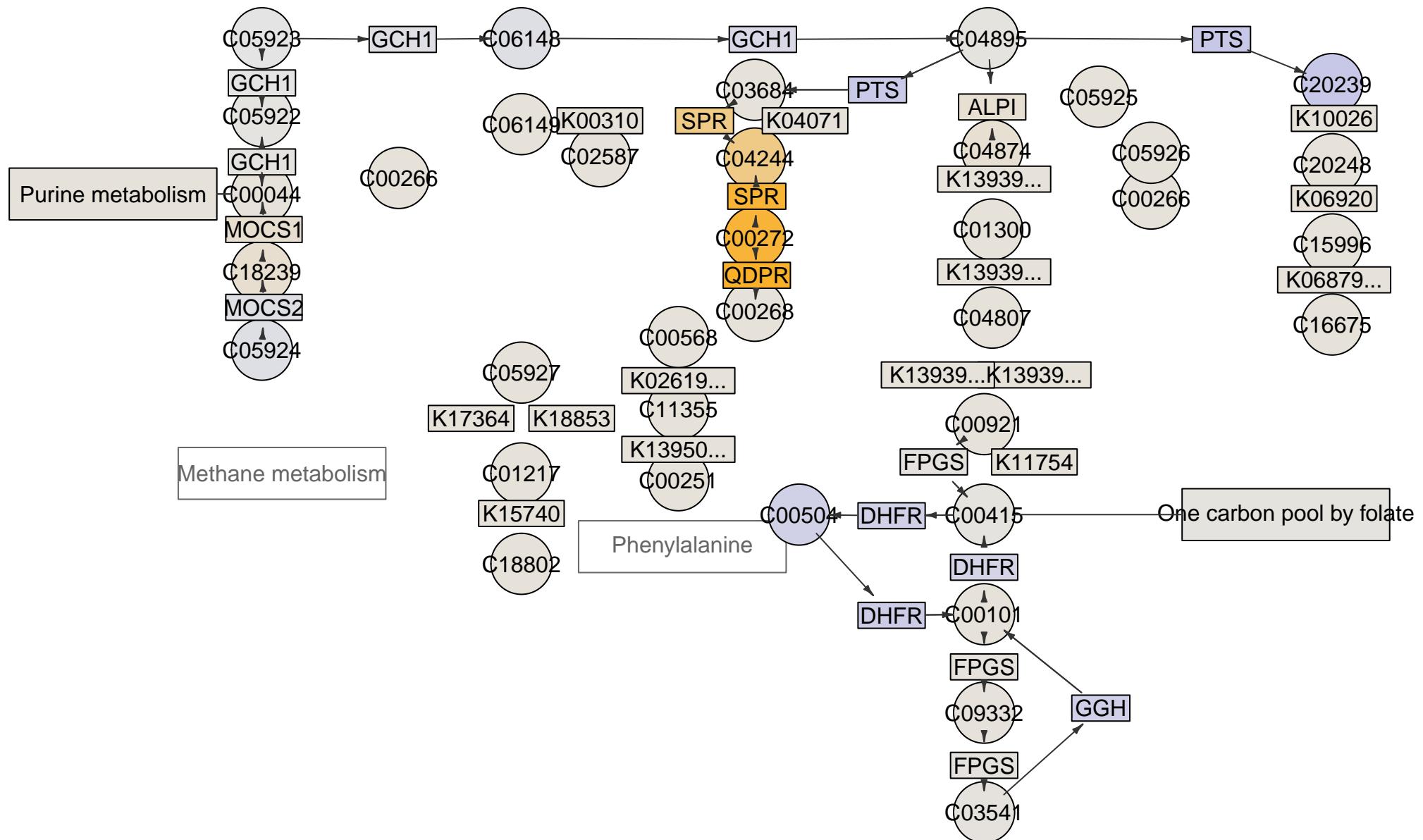
# Folate biosynthesis MPI-170



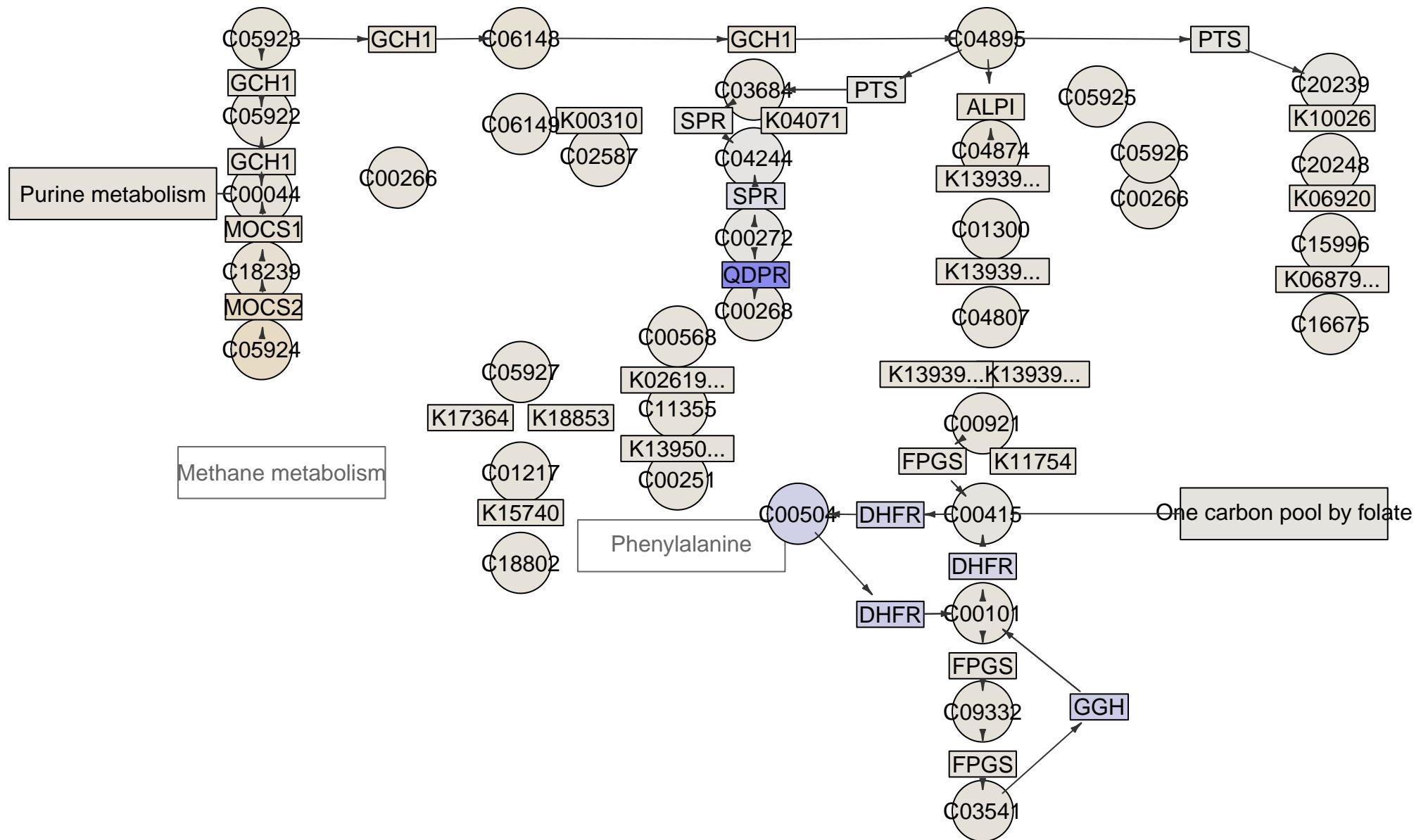
Folate biosynthesis  
MPI-173



Folate biosynthesis  
MPI-174

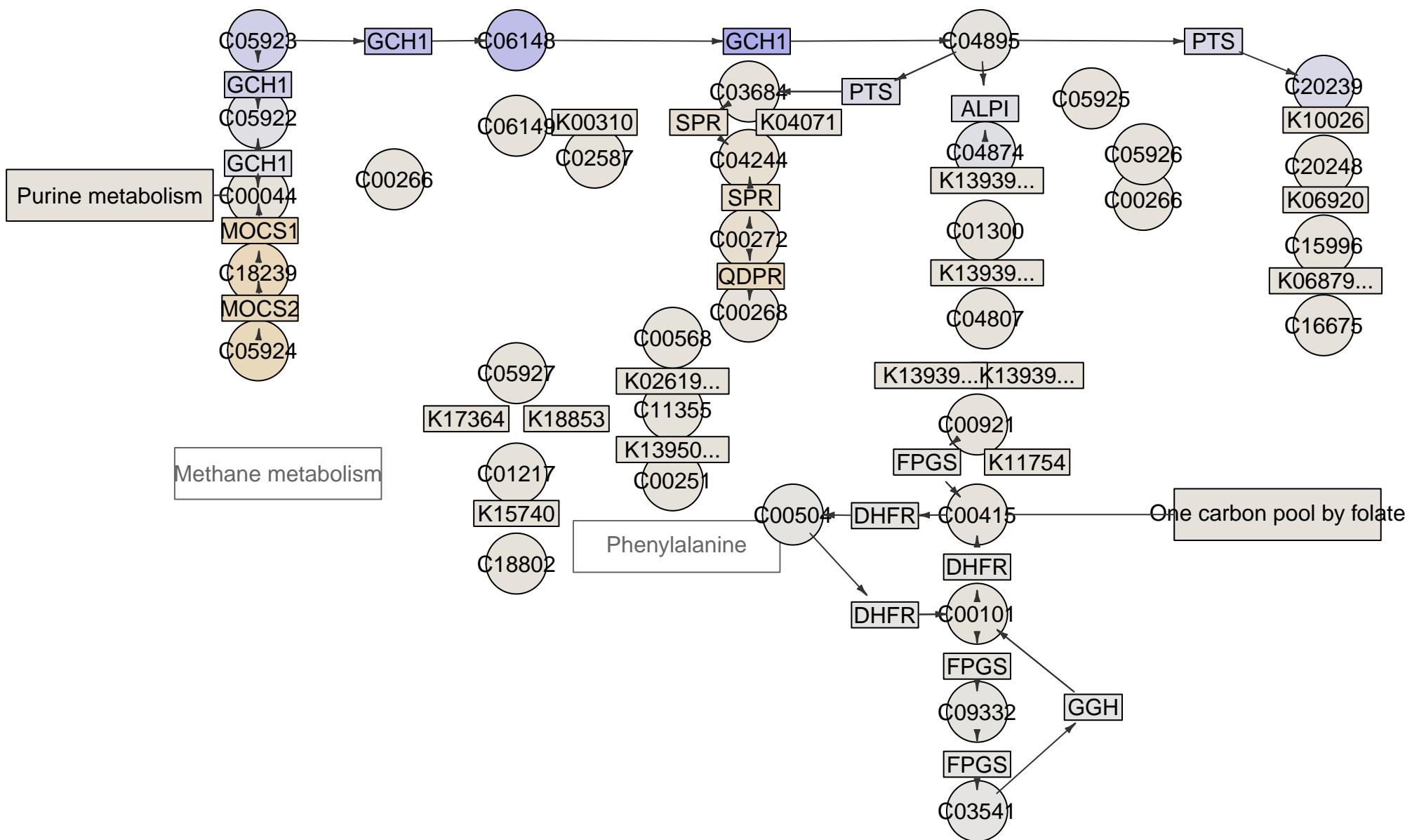


Folate biosynthesis  
MPI-176

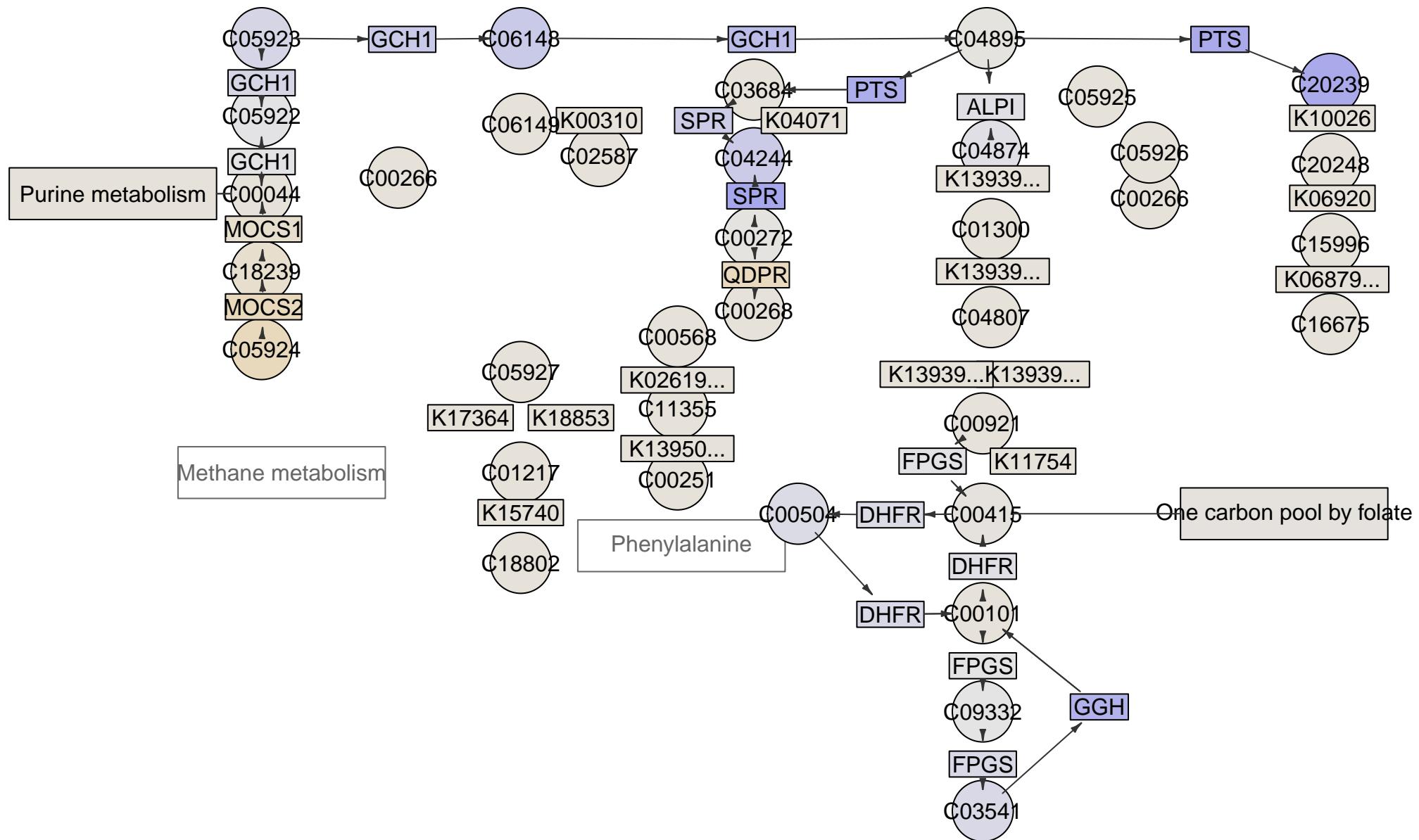


# Folate biosynthesis

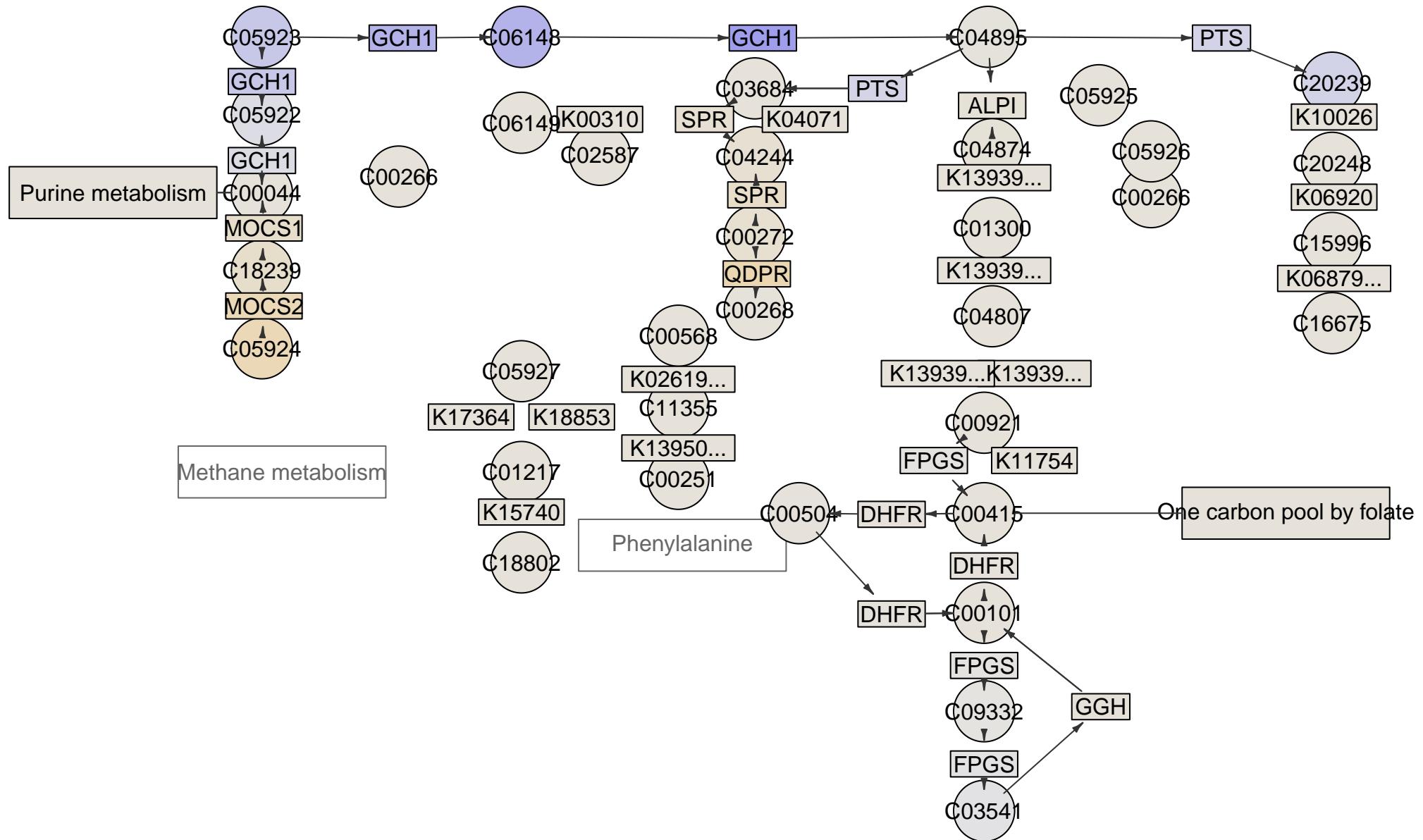
## MPI-177



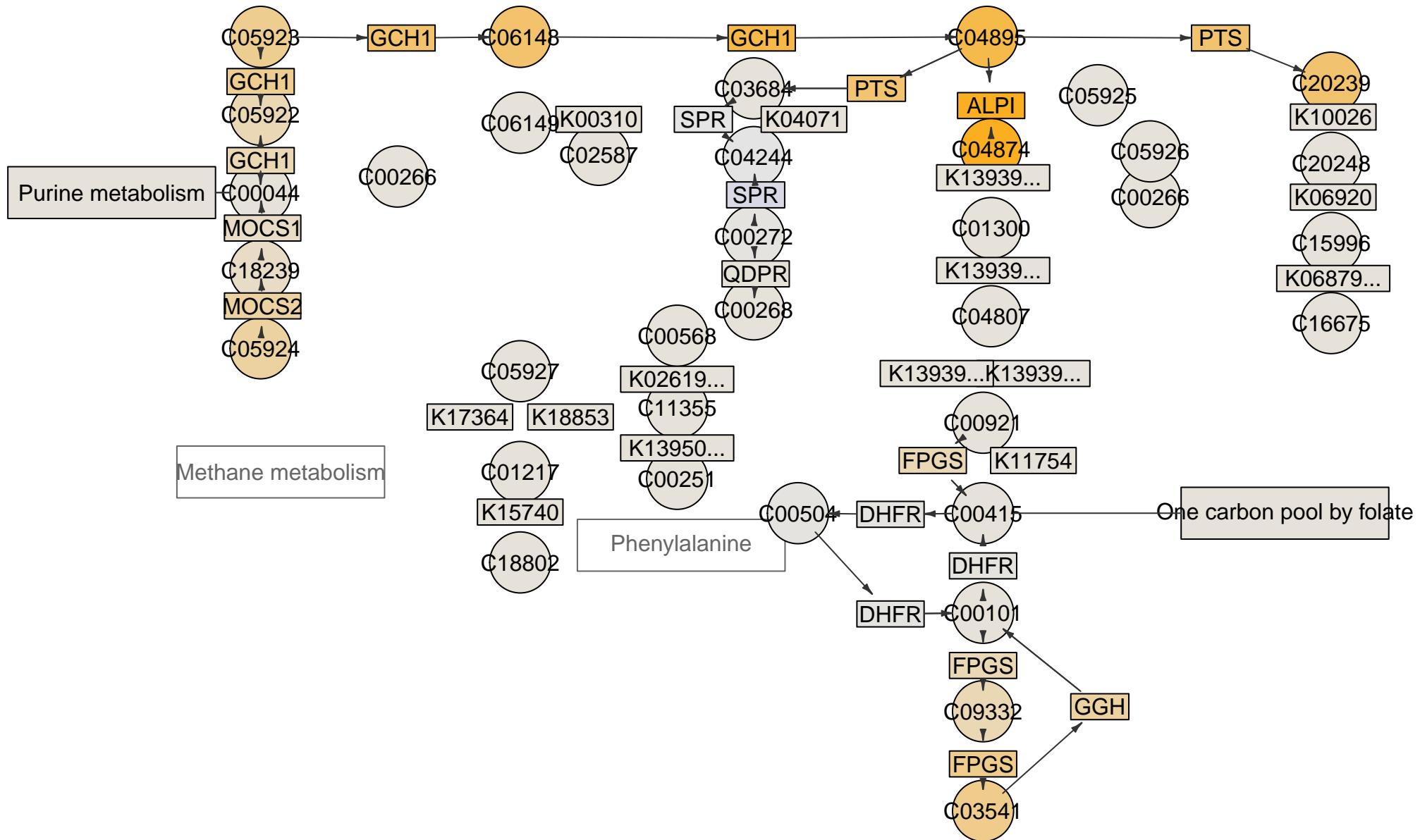
Folate biosynthesis  
MPI-178



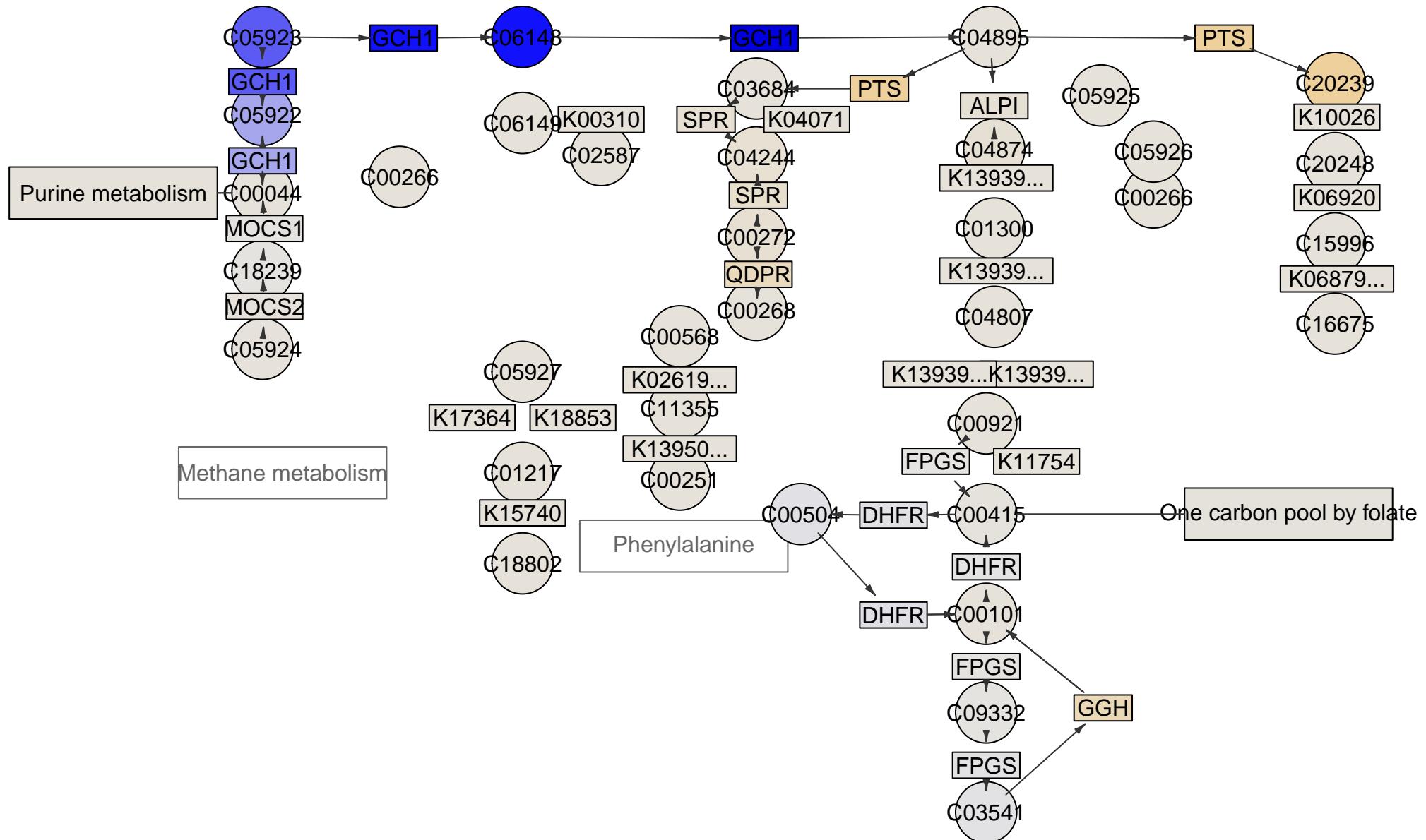
Folate biosynthesis  
MPI-179



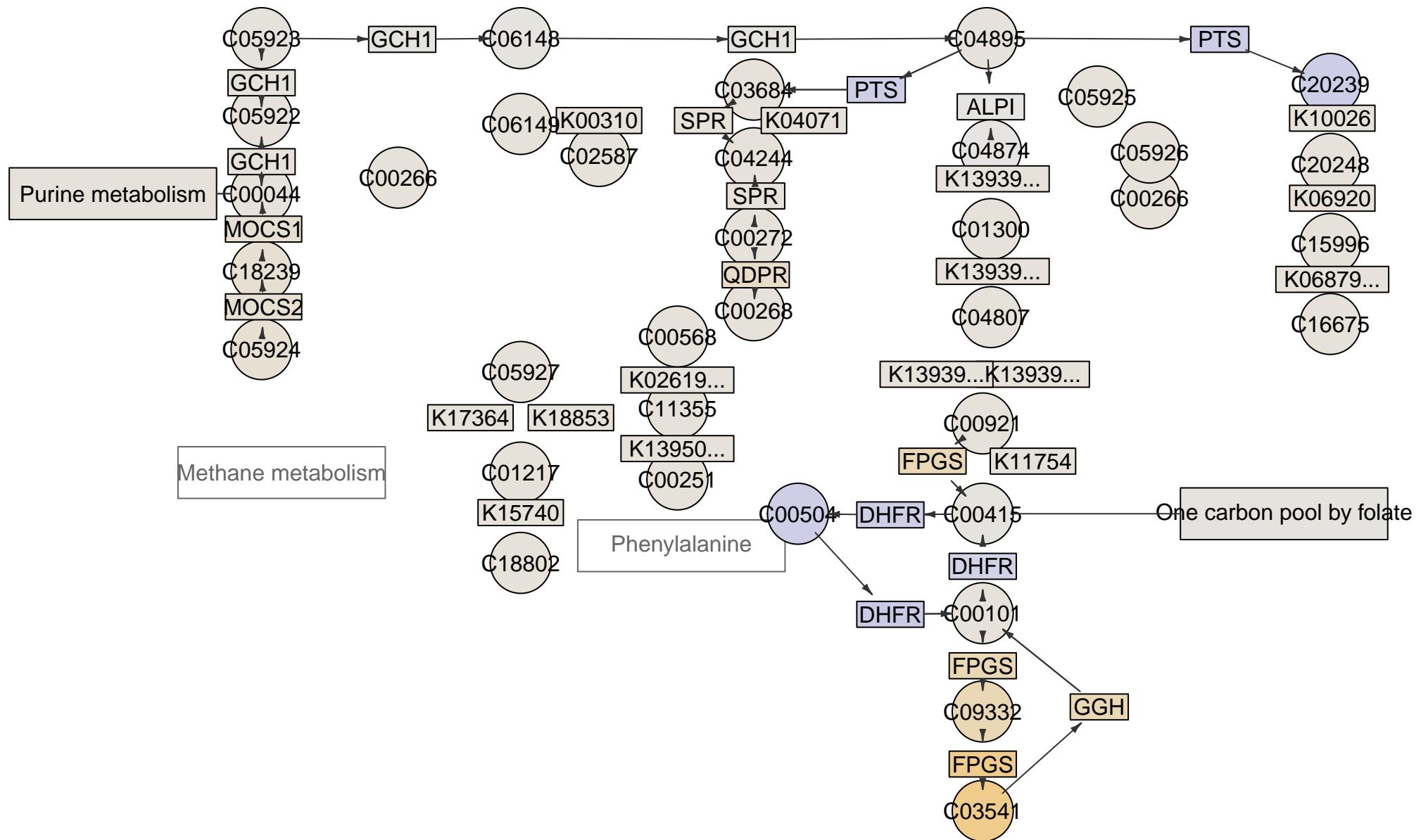
Folate biosynthesis  
MPI-180



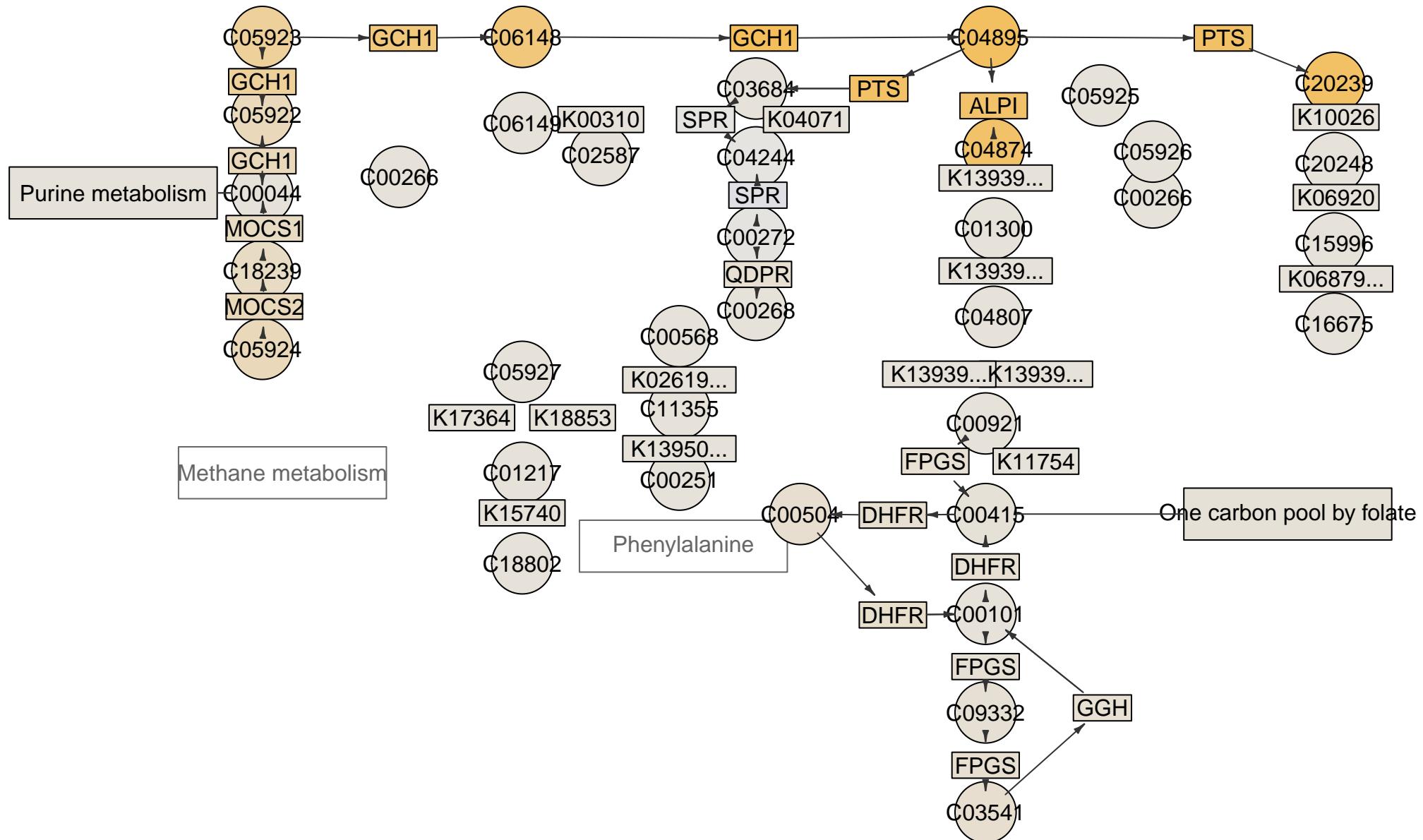
Folate biosynthesis  
MPI-182



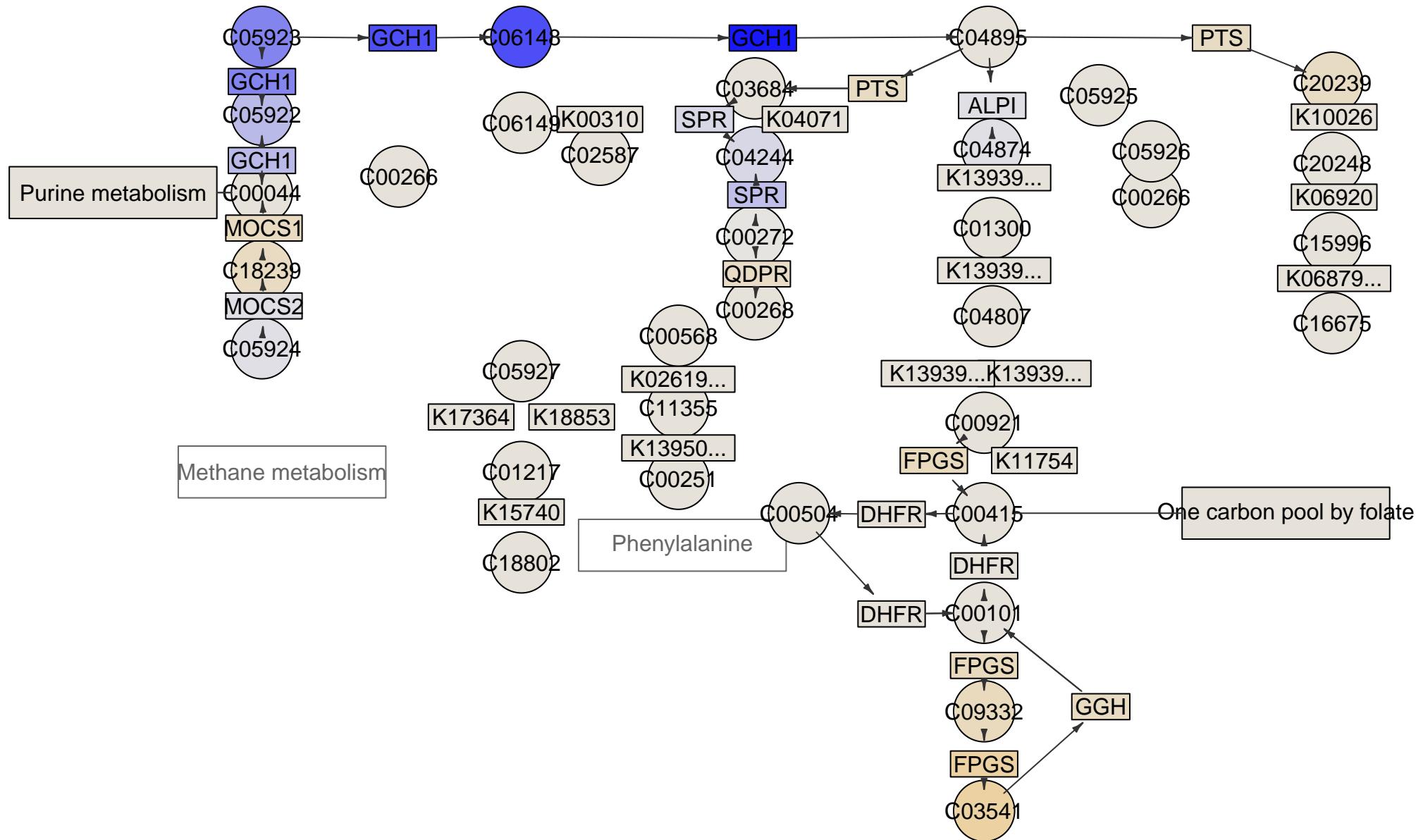
Folate biosynthesis  
MPI-183



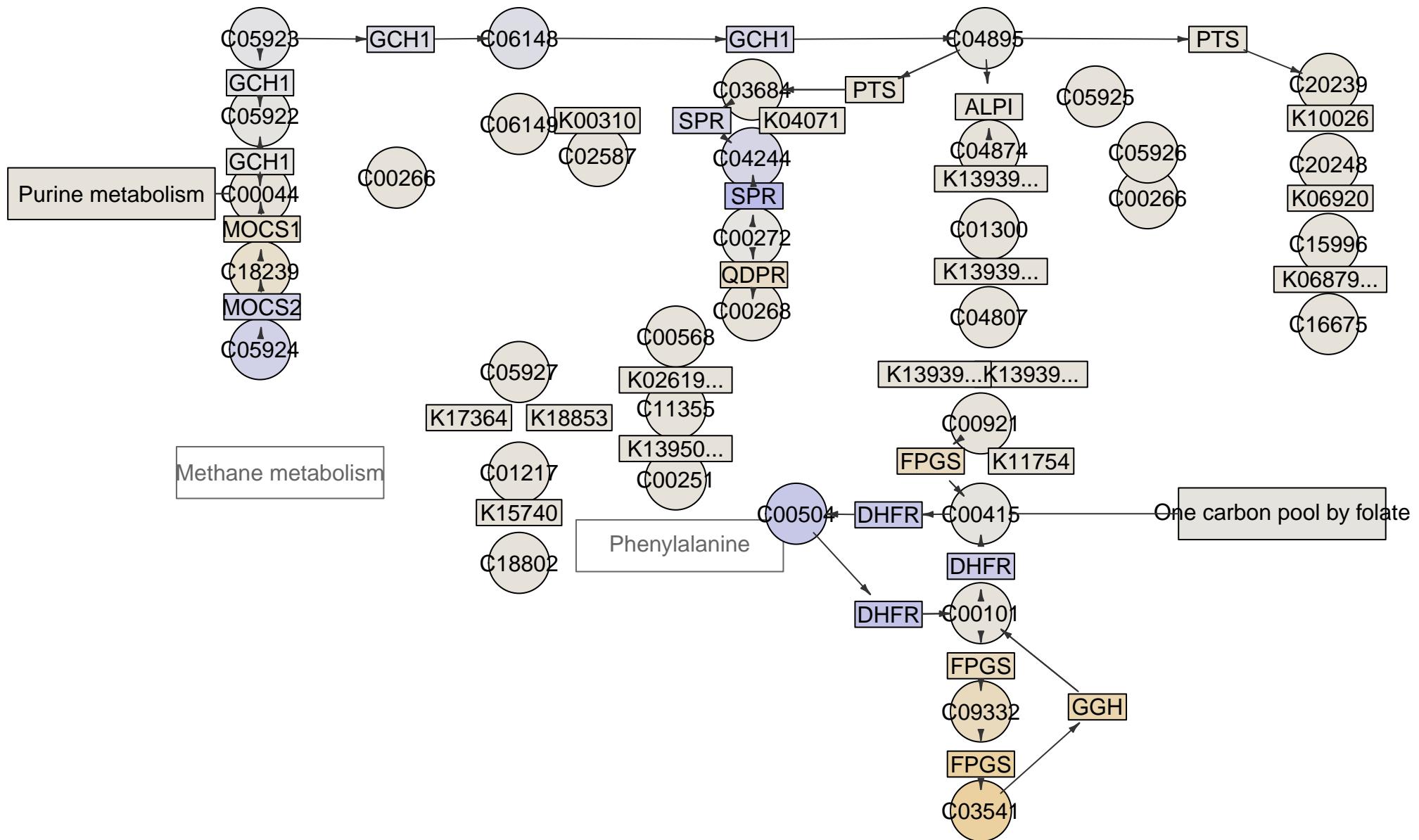
Folate biosynthesis  
MPI-184



Folate biosynthesis  
MPI-185

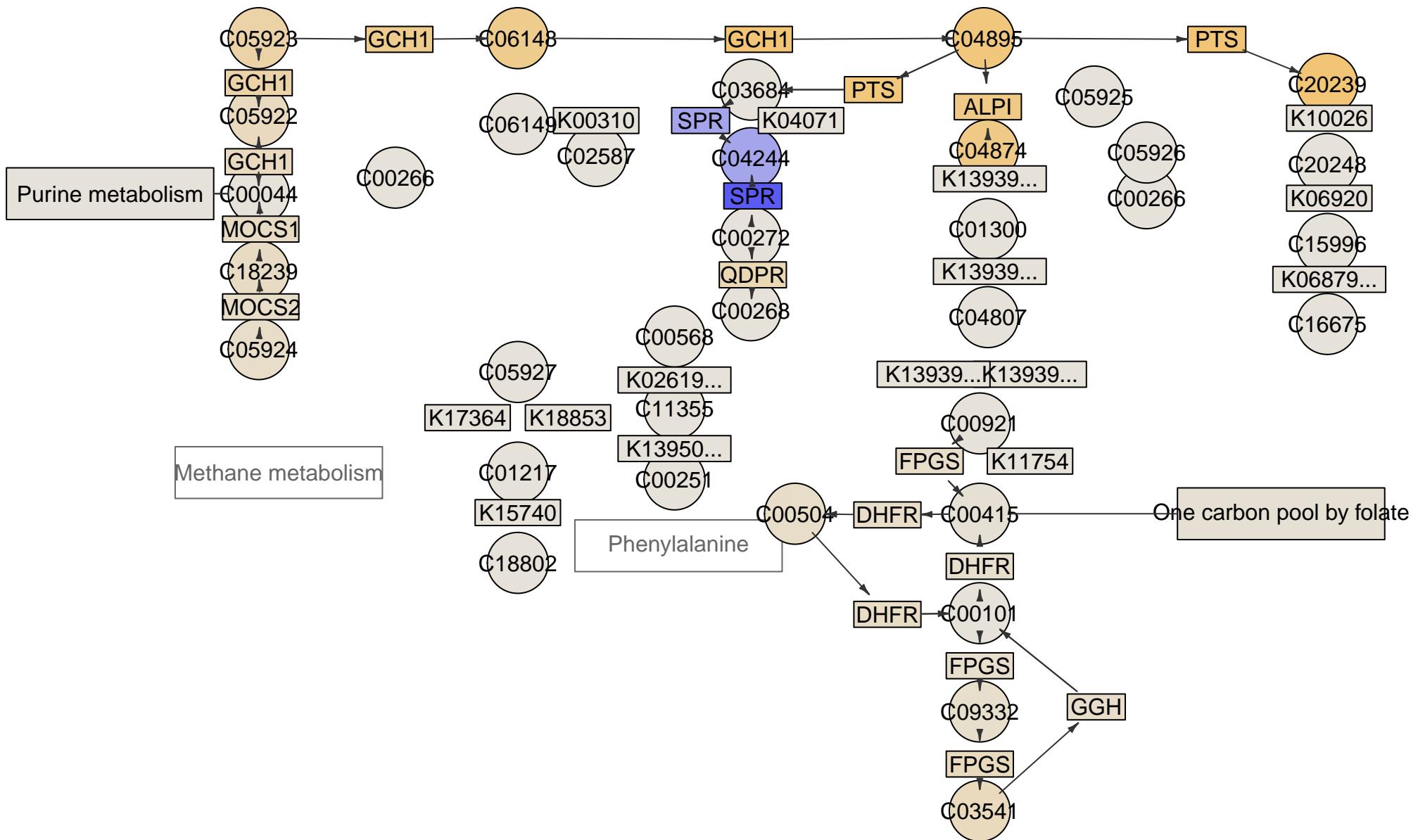


Folate biosynthesis  
MPI-186

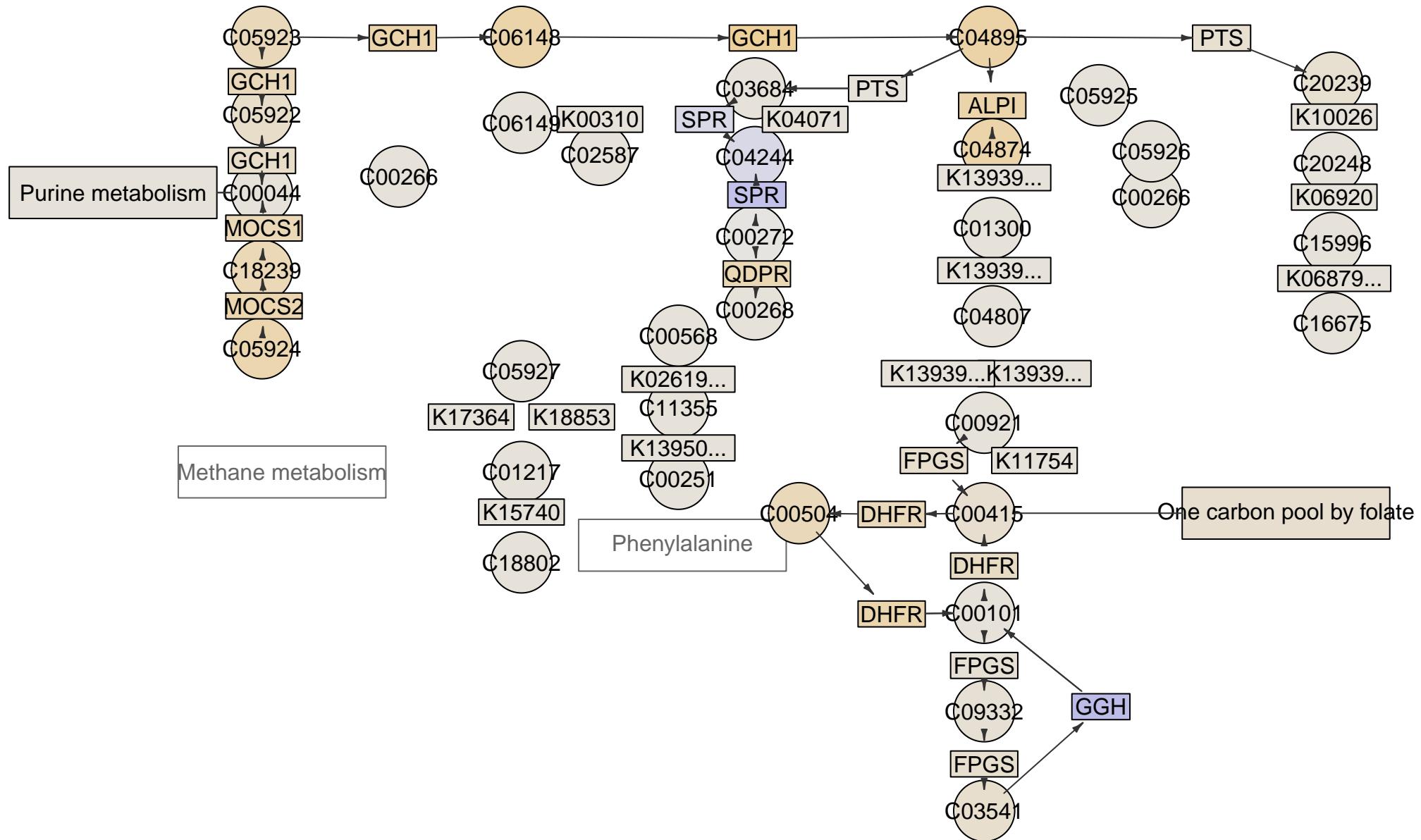


# Folate biosynthesis

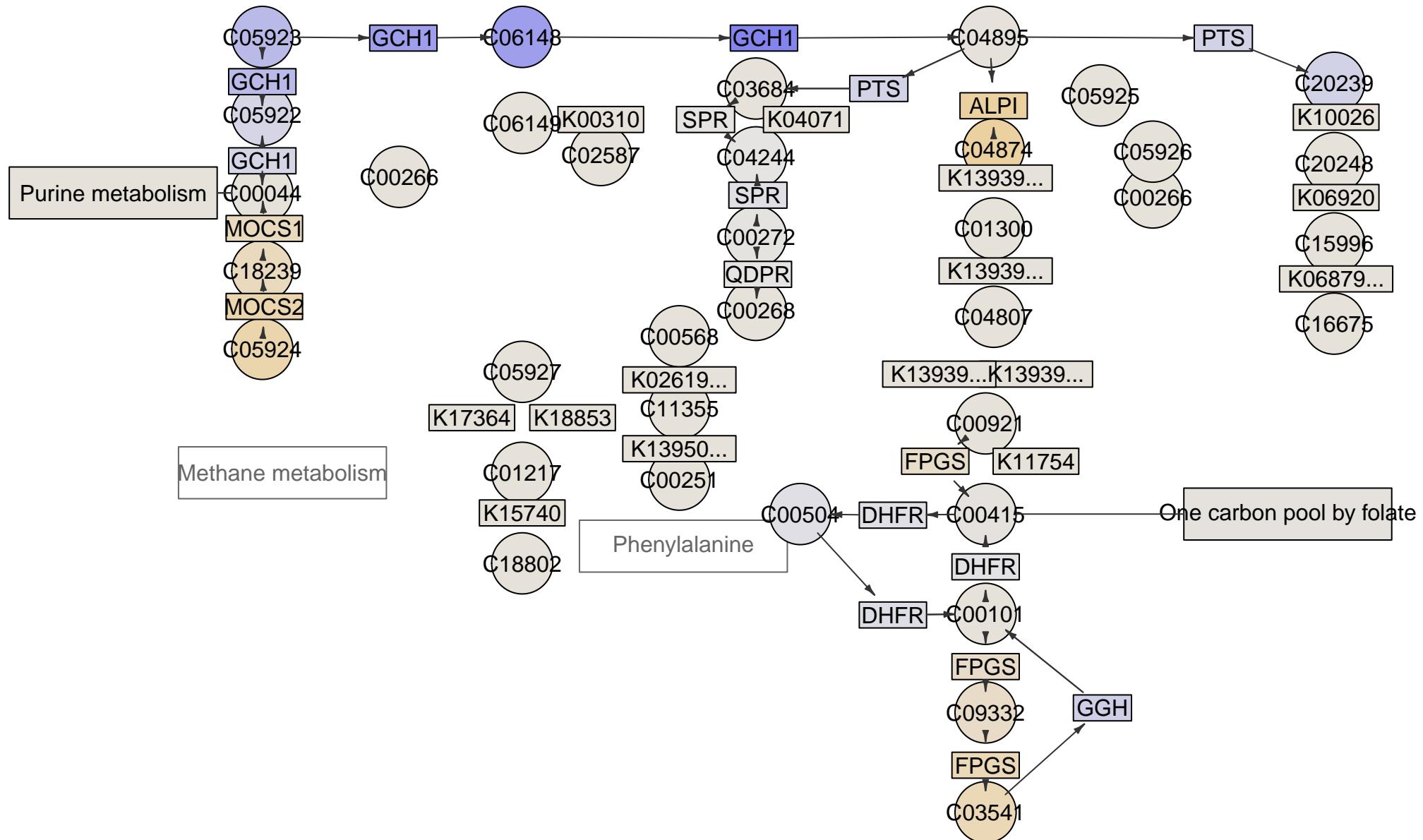
## MPI-188



Folate biosynthesis  
MPI-189

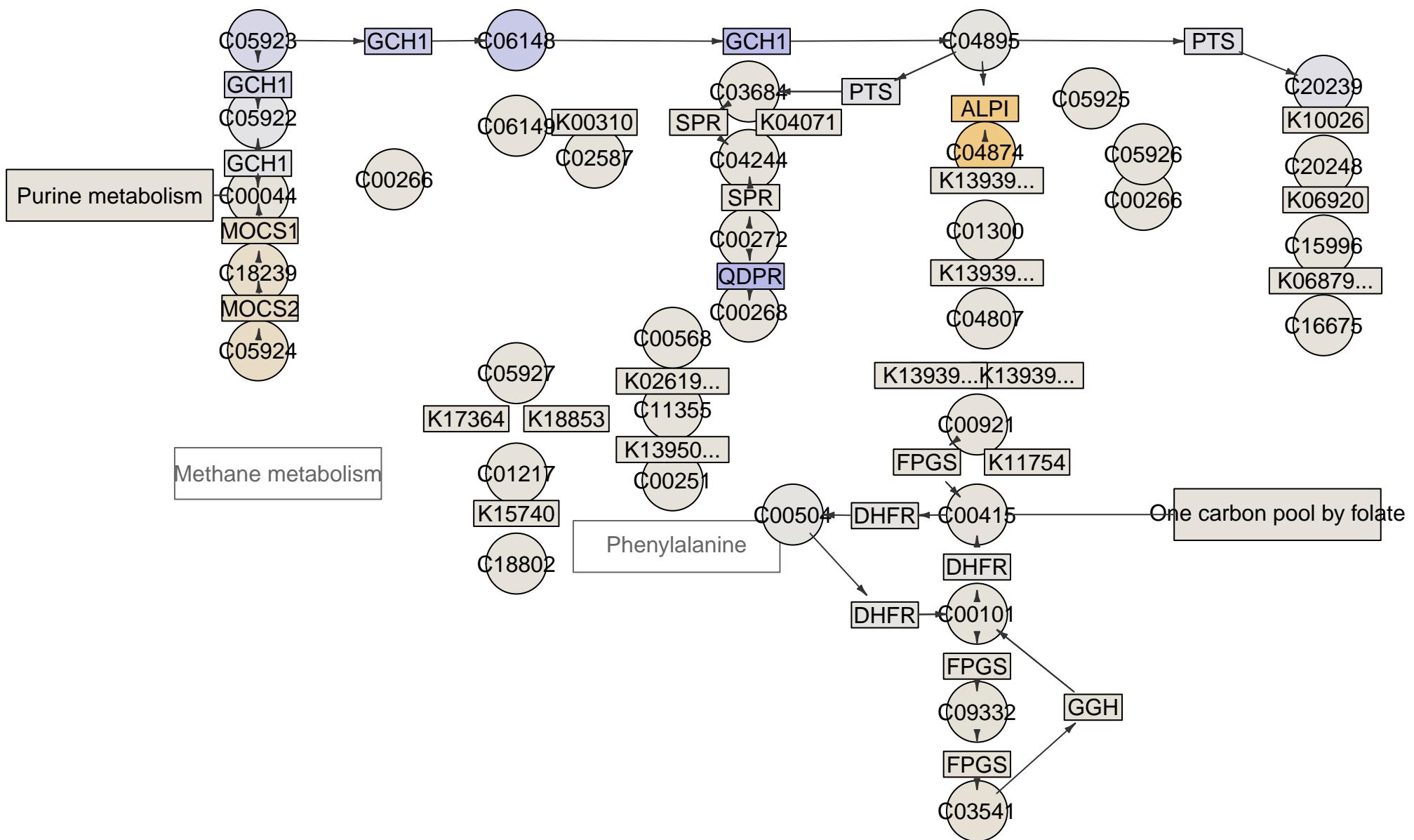


Folate biosynthesis  
MPI-190

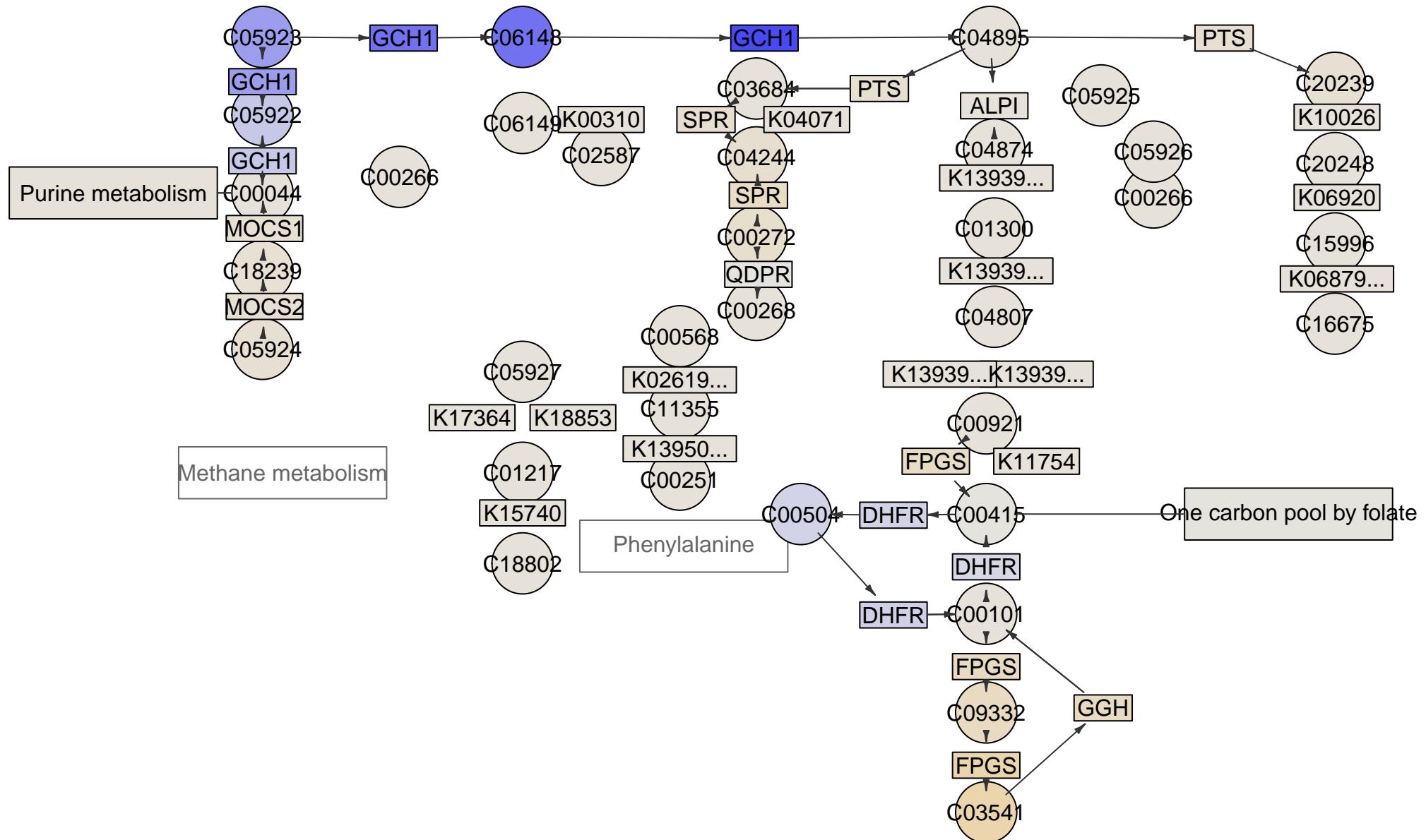


# Folate biosynthesis

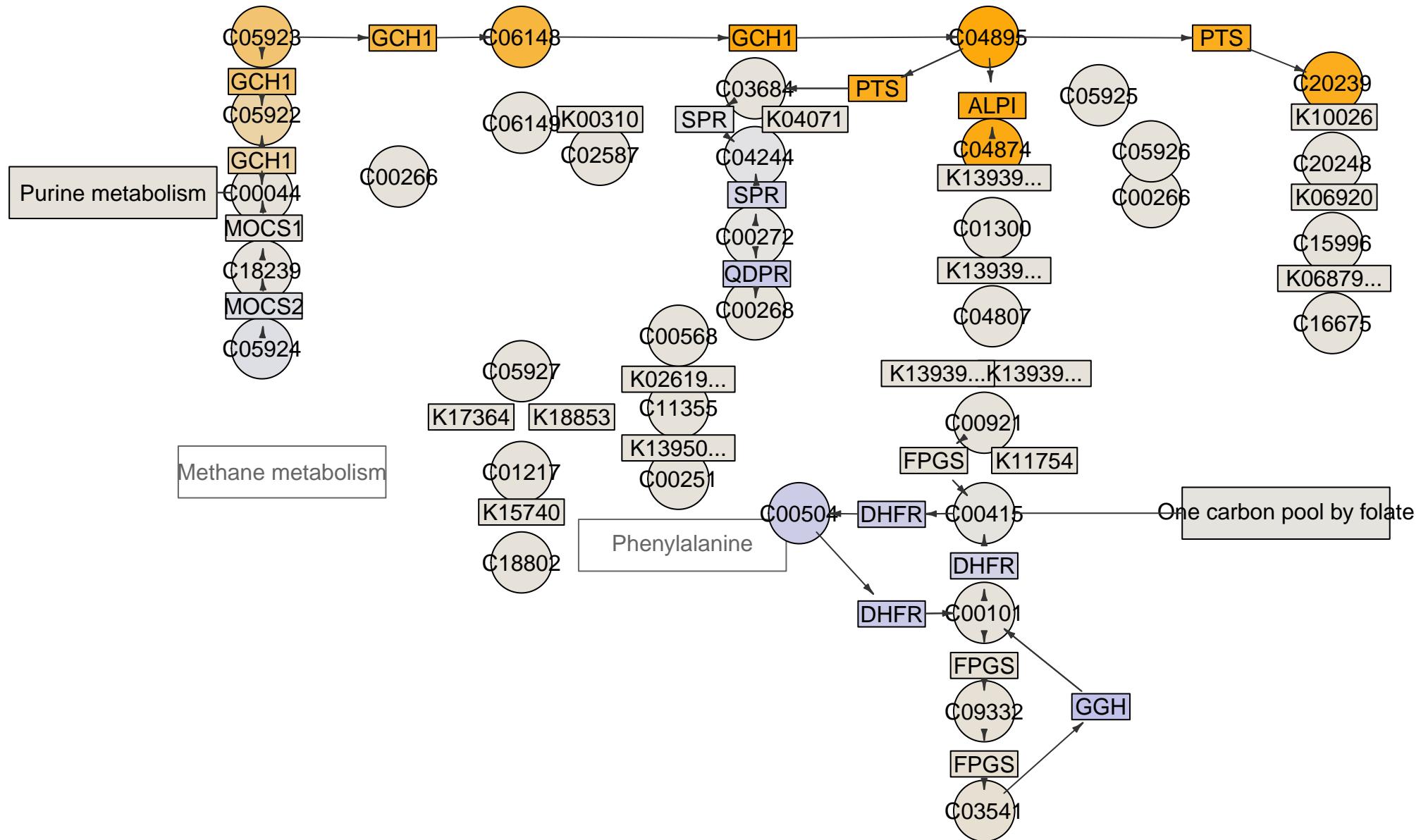
## MPI-191



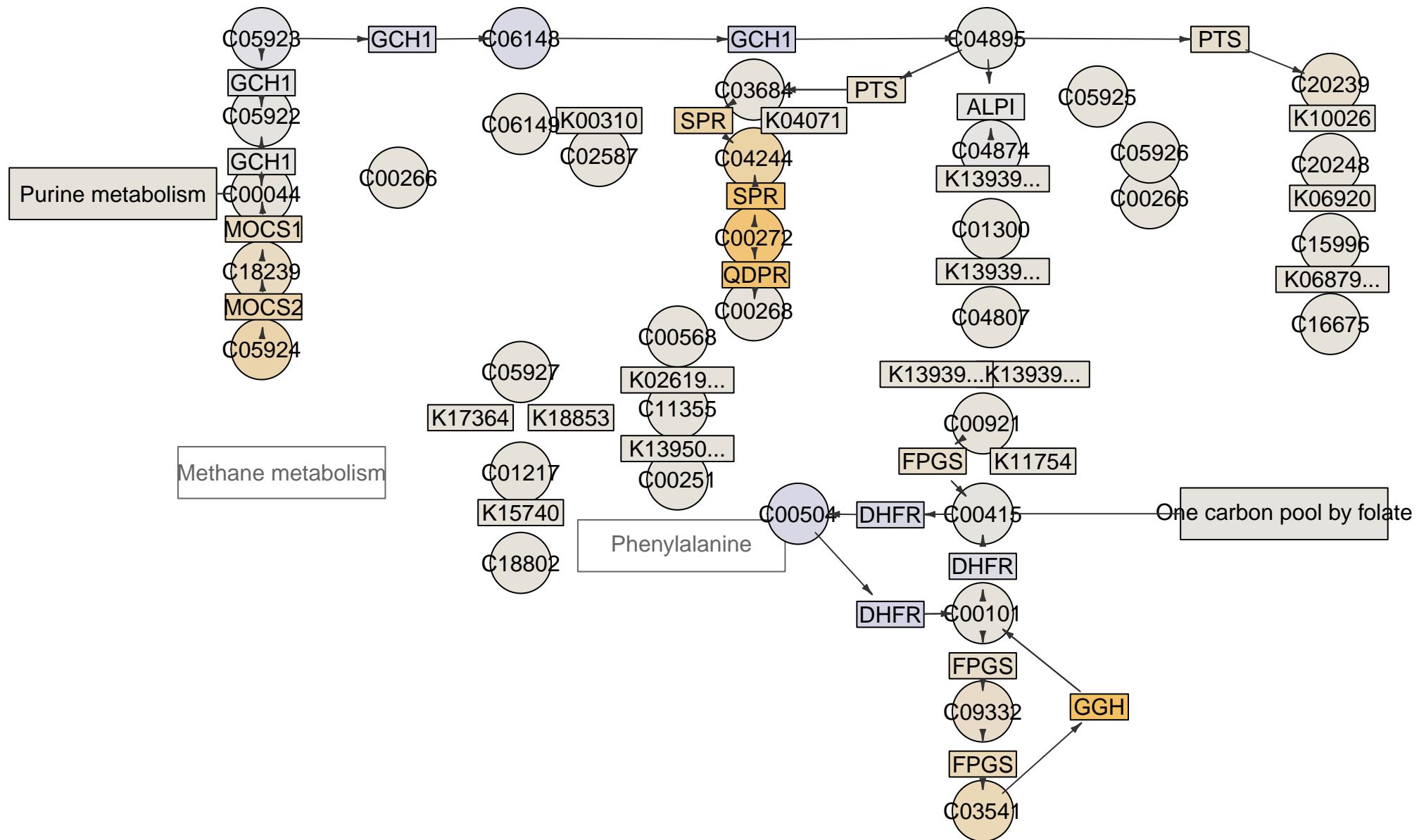
Folate biosynthesis  
MPI-192



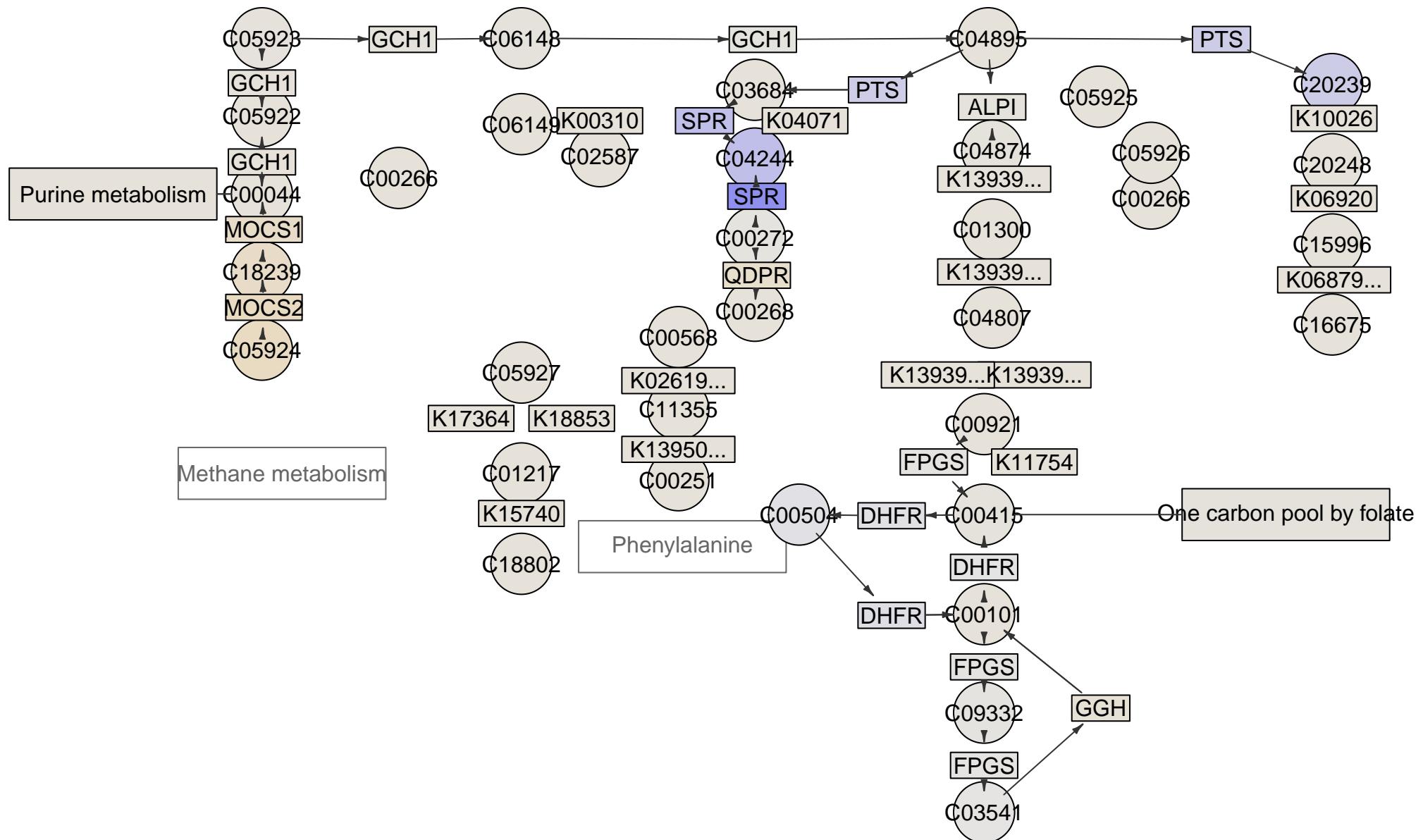
Folate biosynthesis  
MPI-194



Folate biosynthesis  
MPI-195

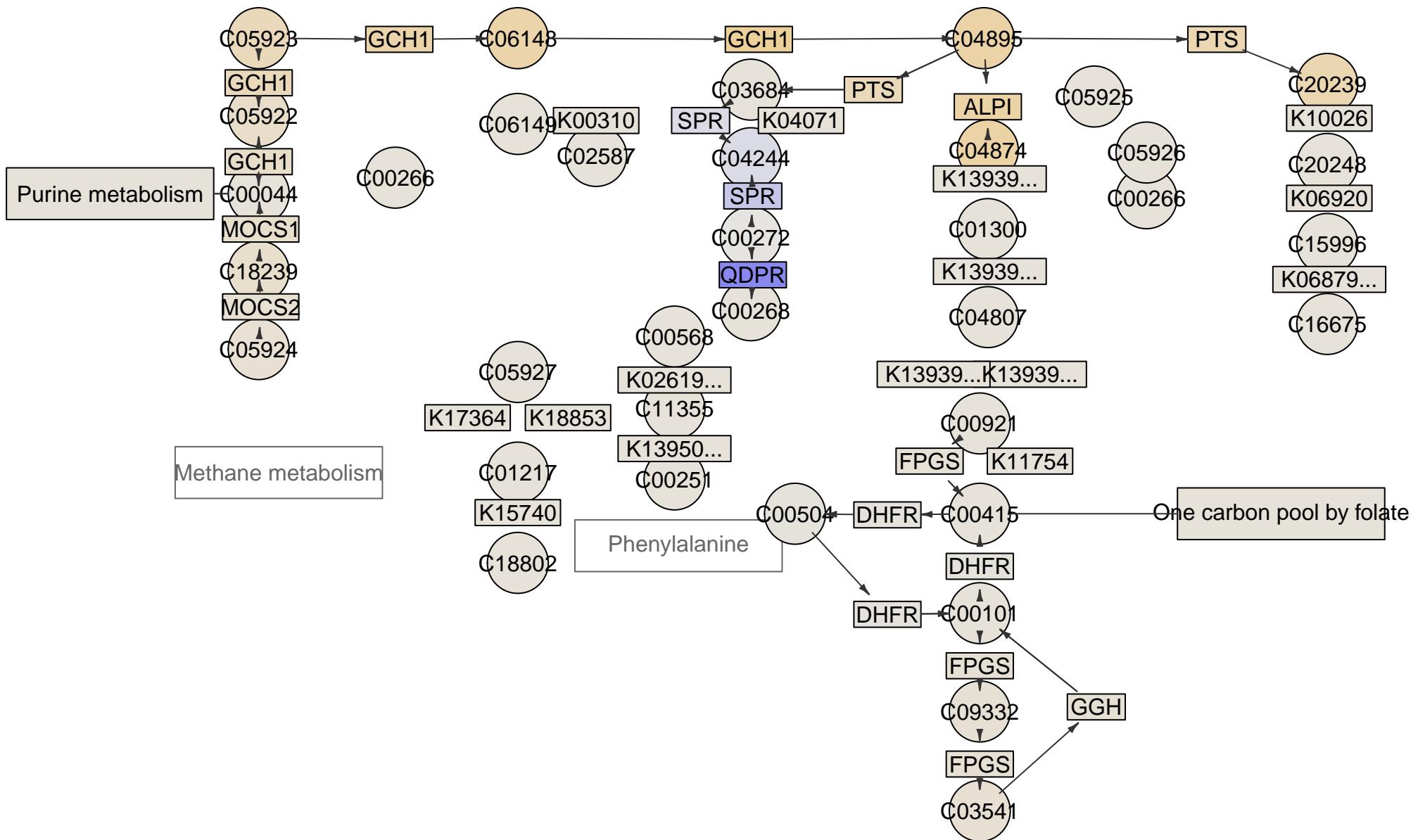


Folate biosynthesis  
MPI-196

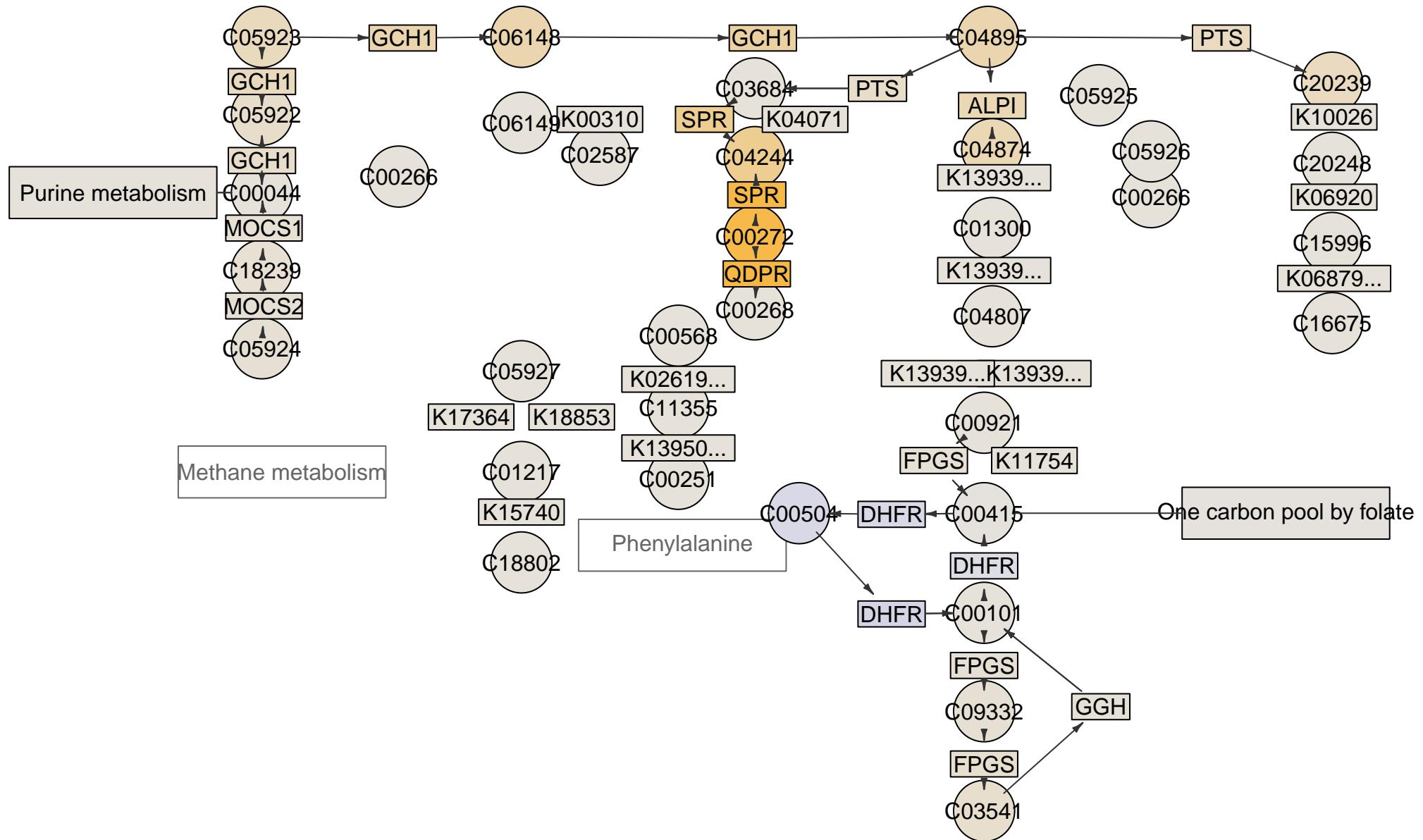


# Folate biosynthesis

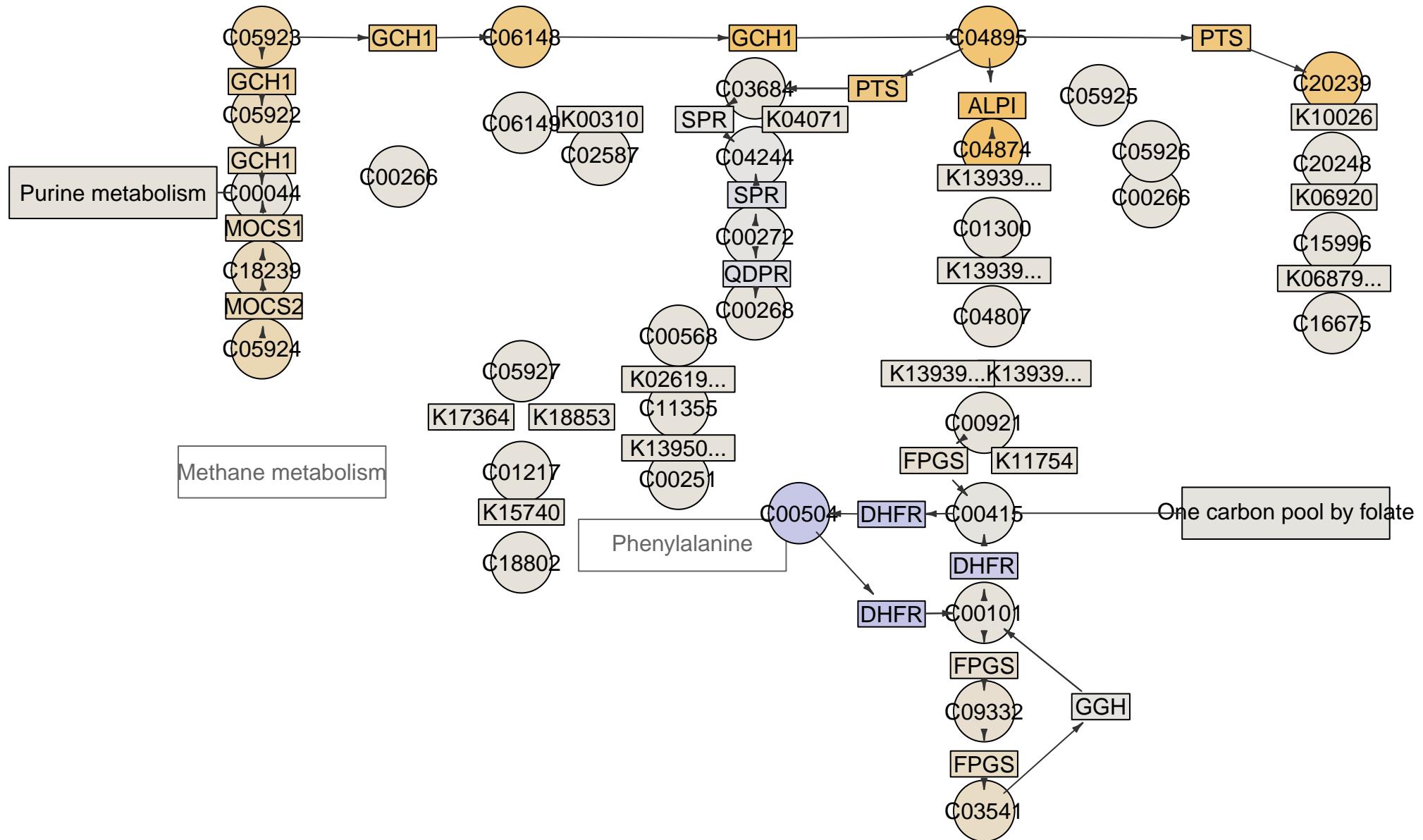
## MPI-198



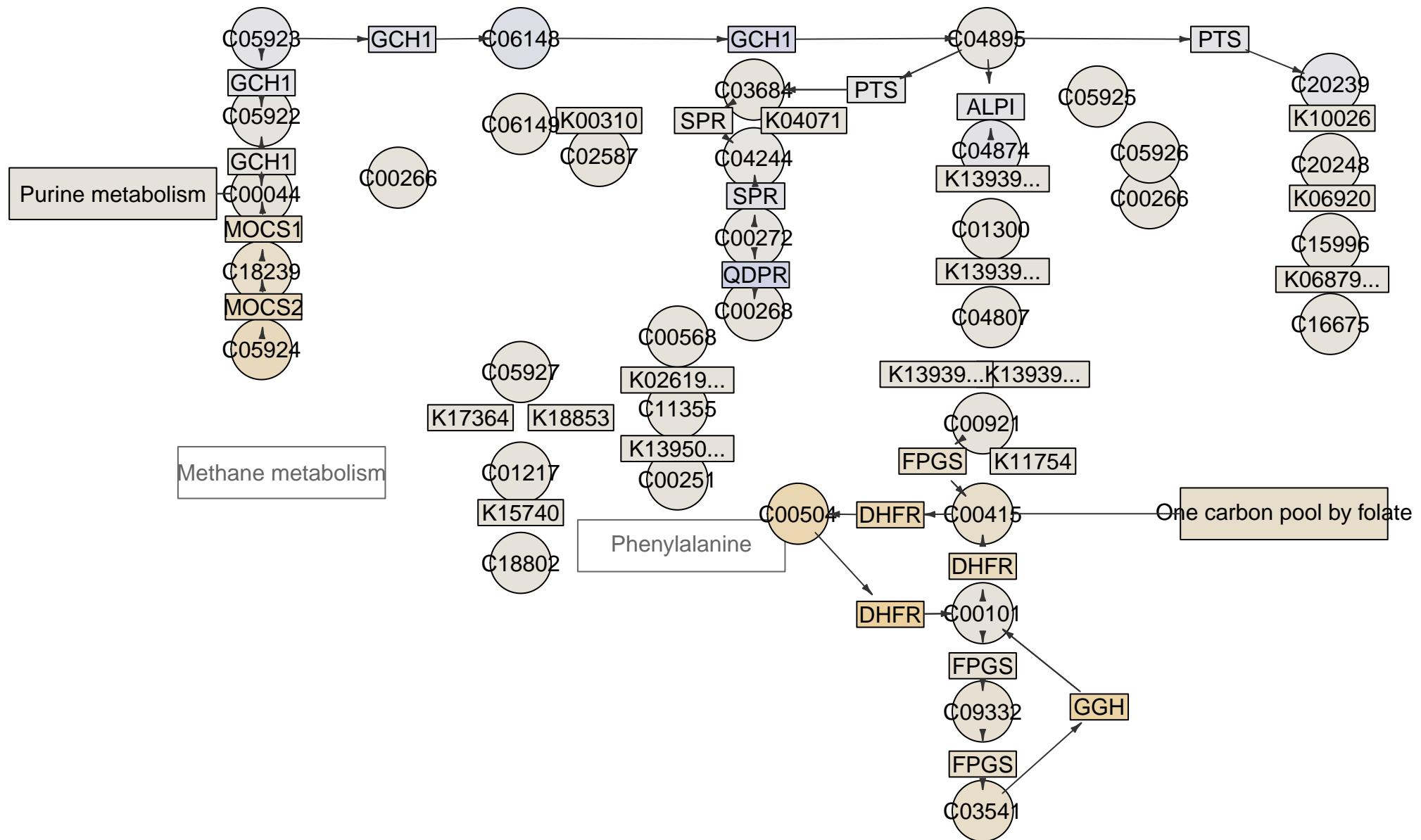
Folate biosynthesis  
MPI-199



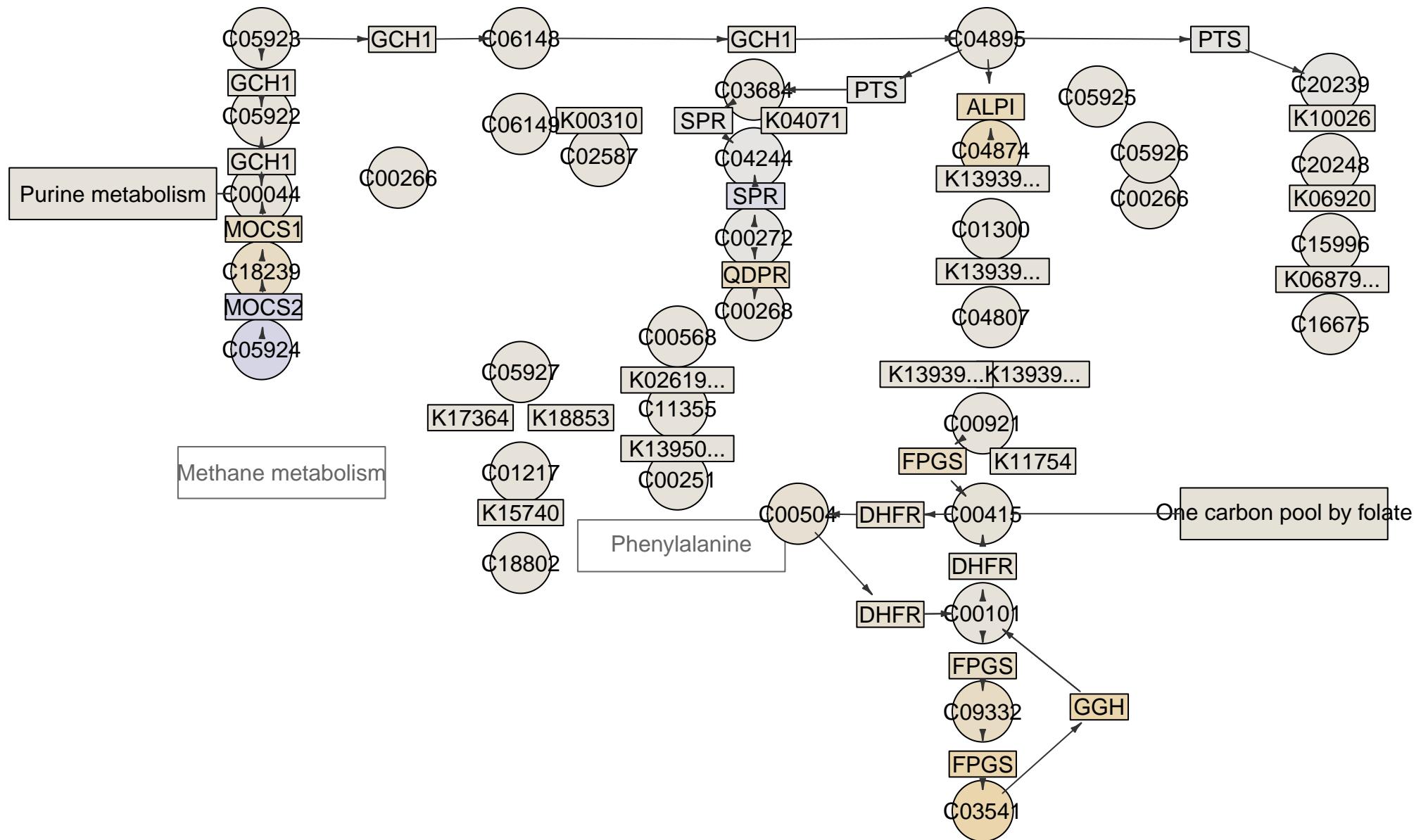
Folate biosynthesis  
MPI-200



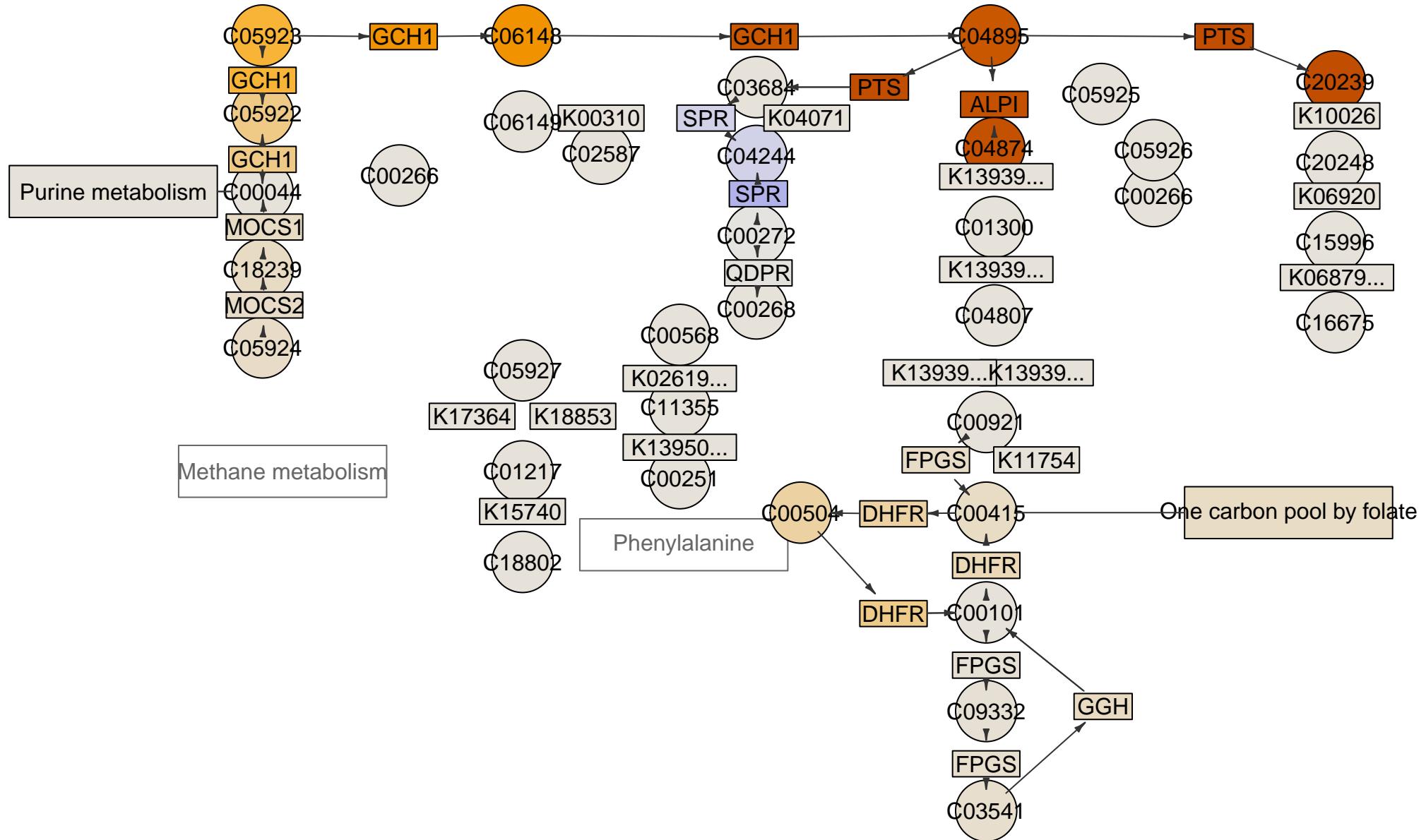
Folate biosynthesis  
MPI-201



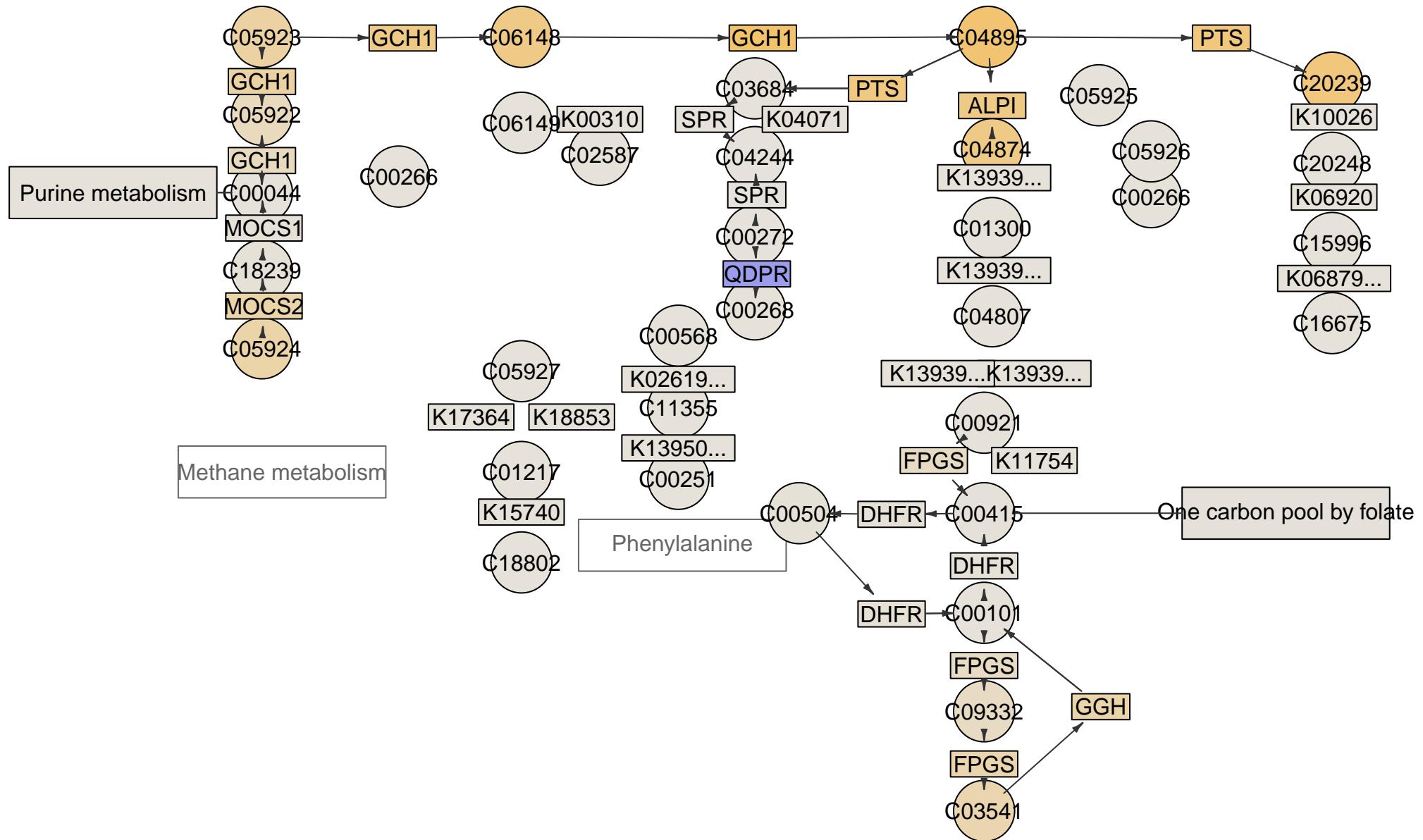
Folate biosynthesis  
MPI-202



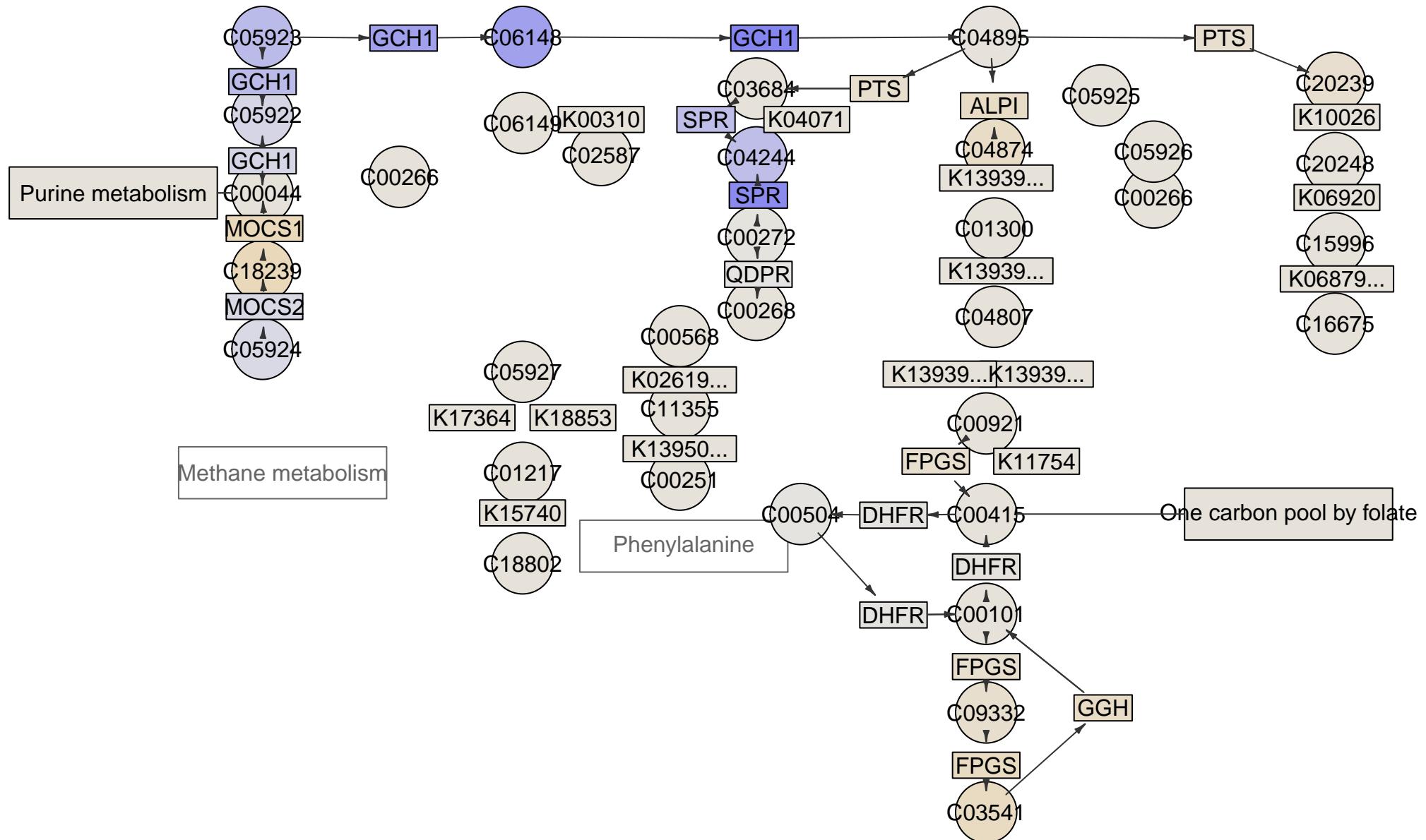
Folate biosynthesis  
MPI-203



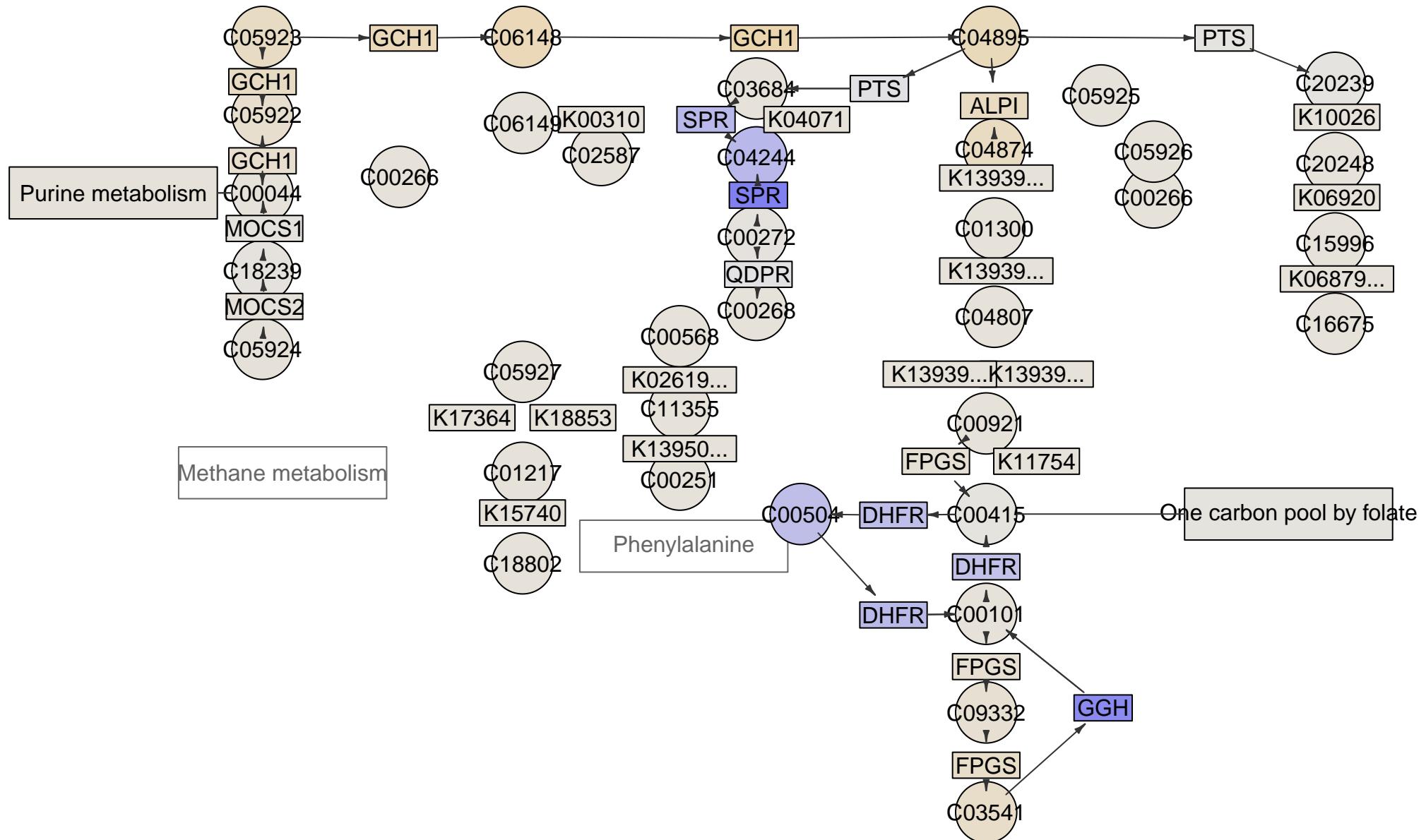
Folate biosynthesis  
MPI-204



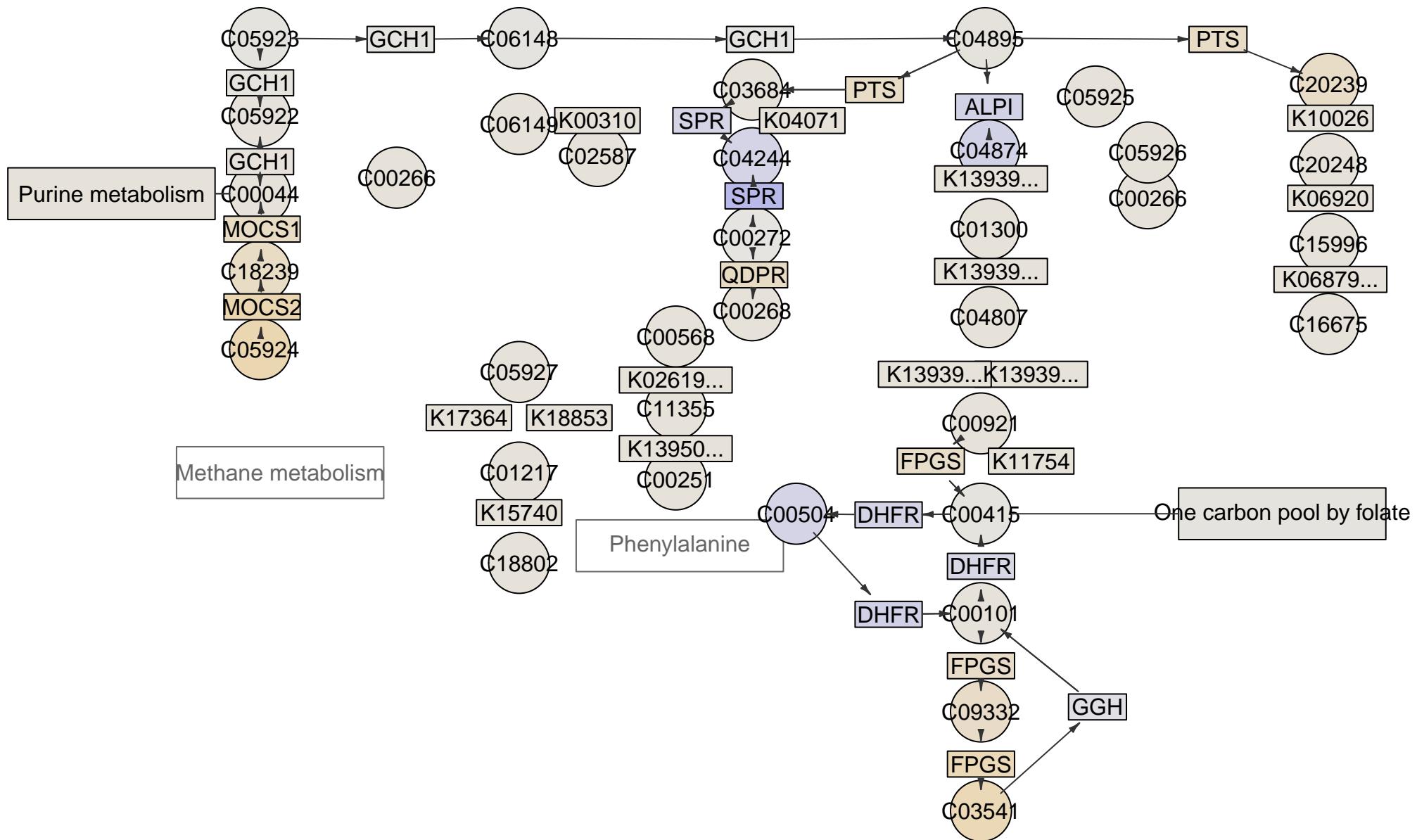
Folate biosynthesis  
MPI-205



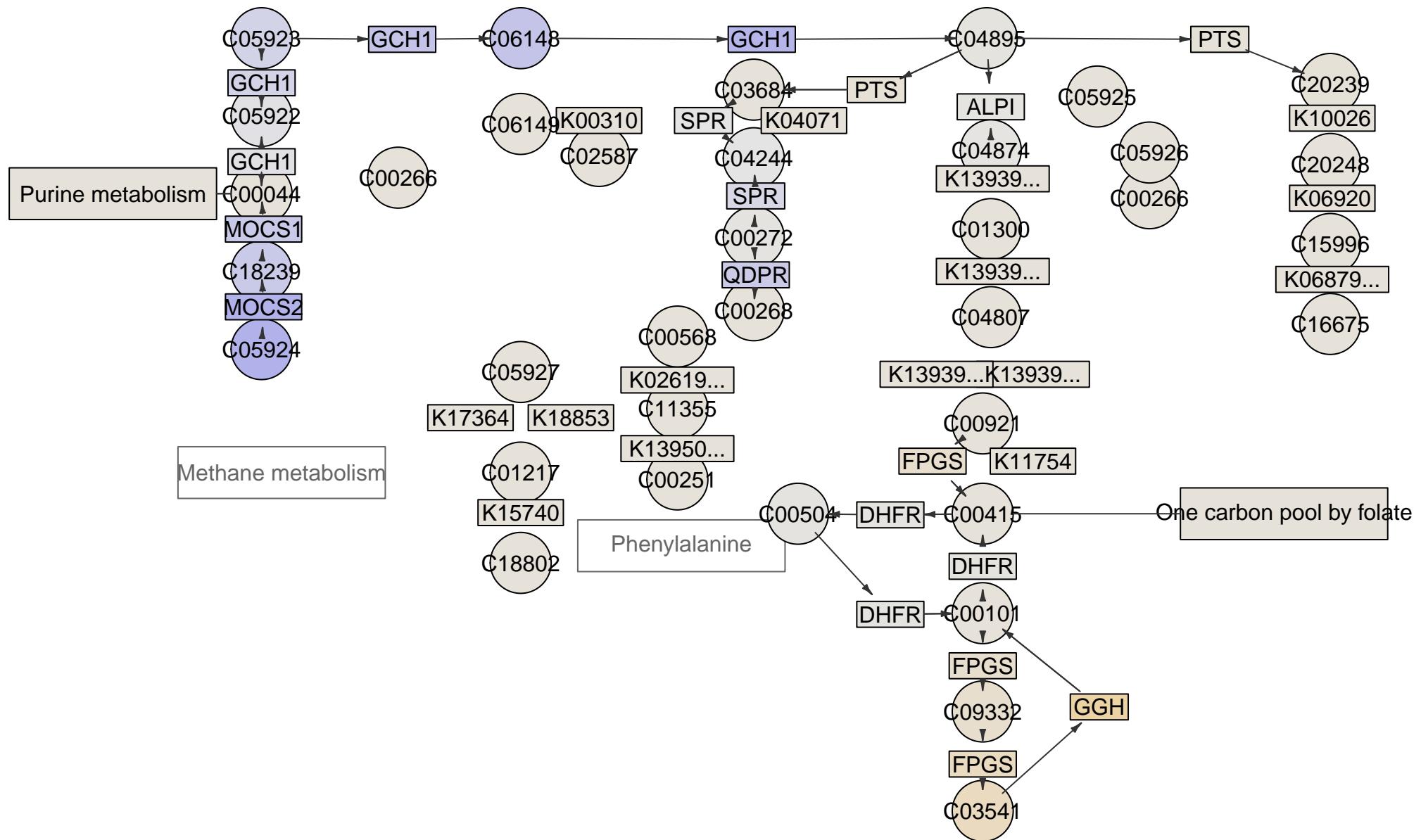
Folate biosynthesis  
MPI-206



Folate biosynthesis  
MPI-207

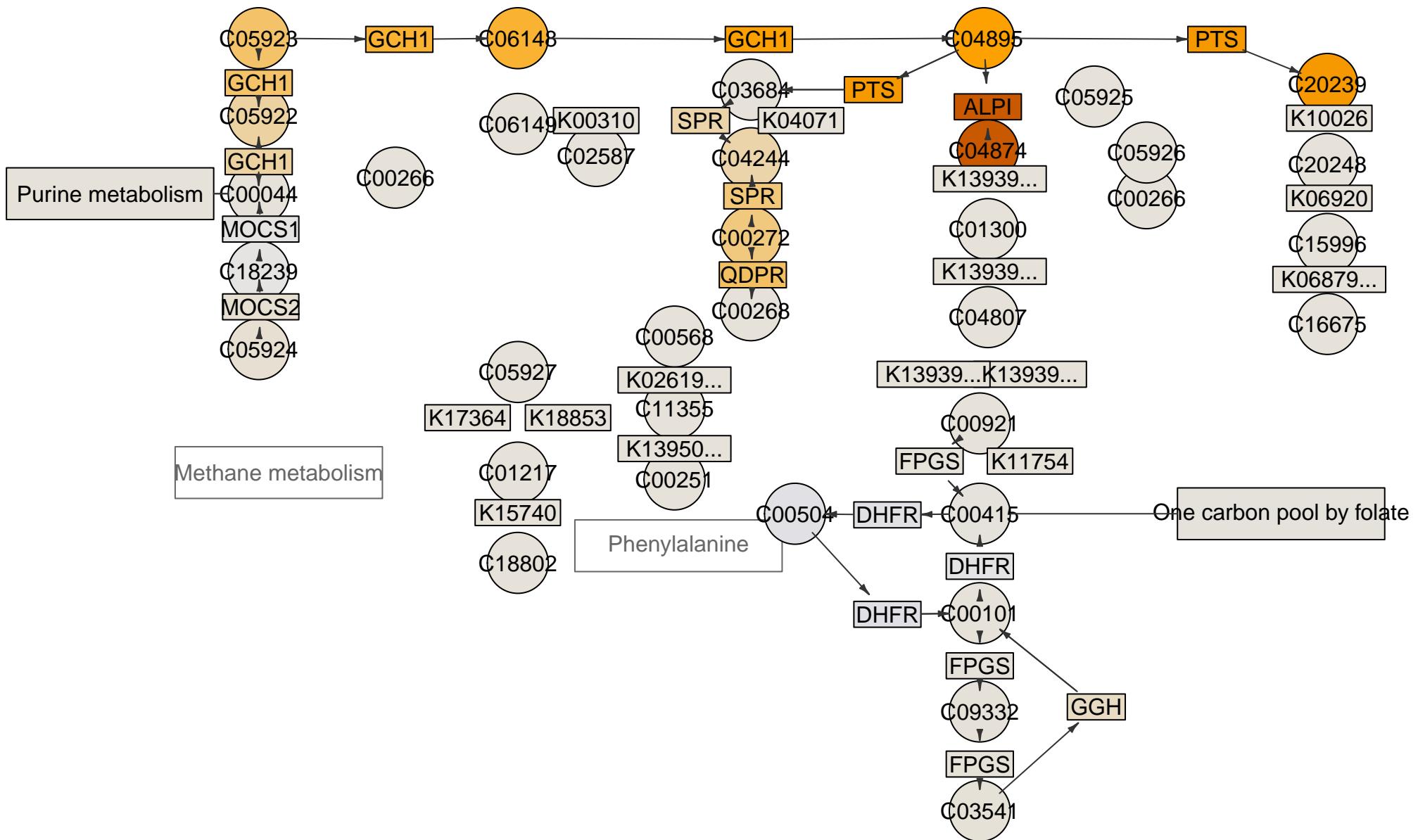


Folate biosynthesis  
MPI-208

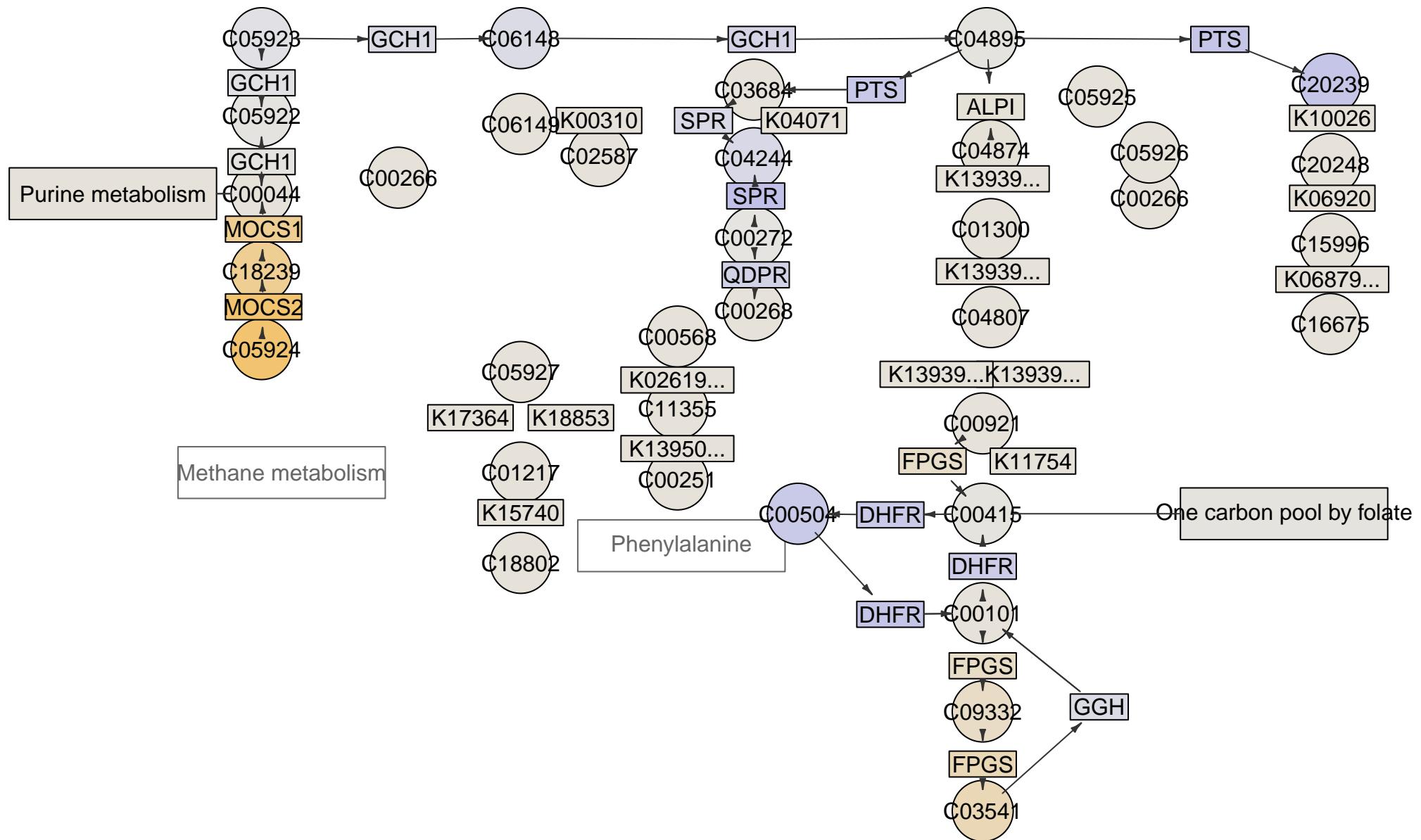


# Folate biosynthesis

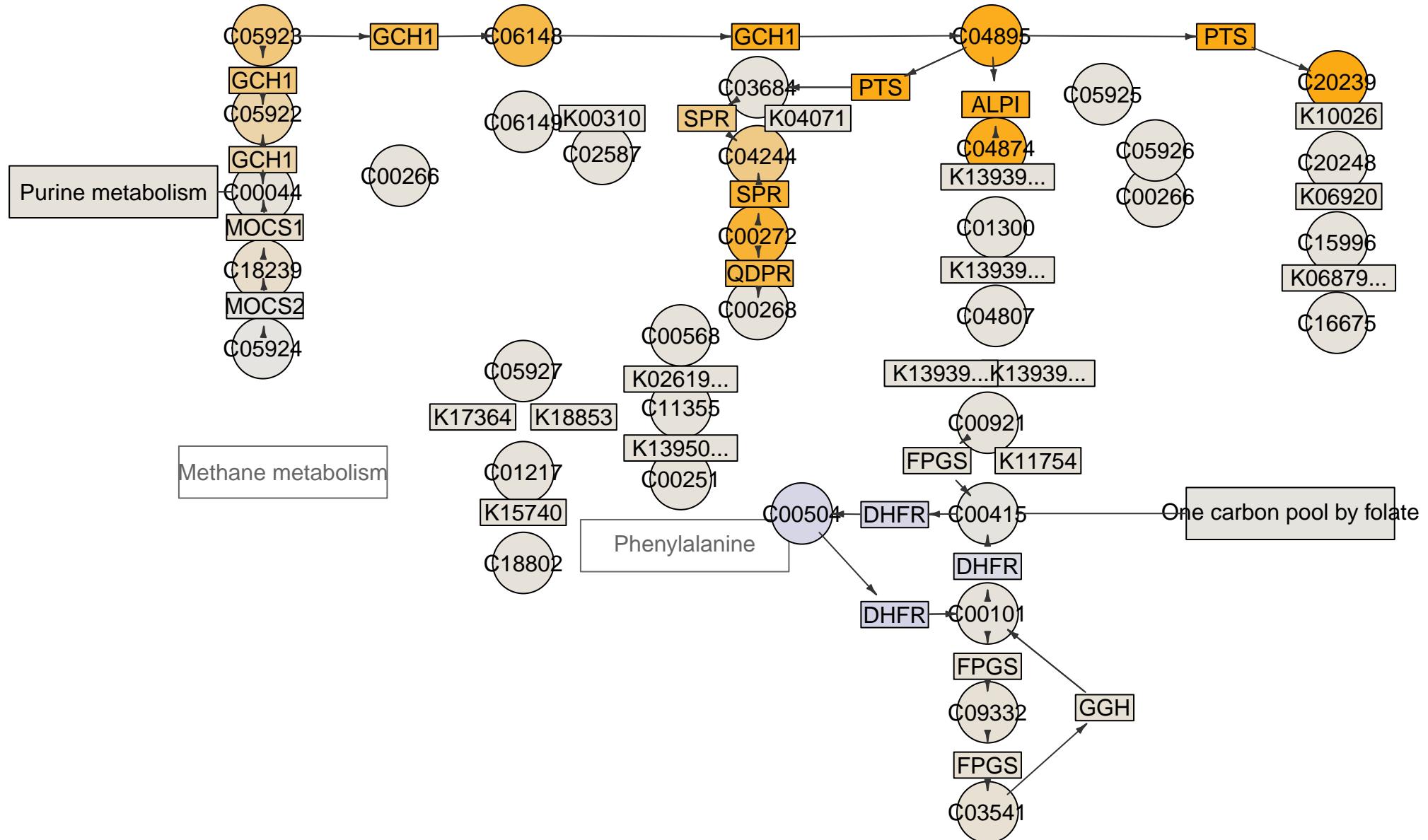
## MPI-209



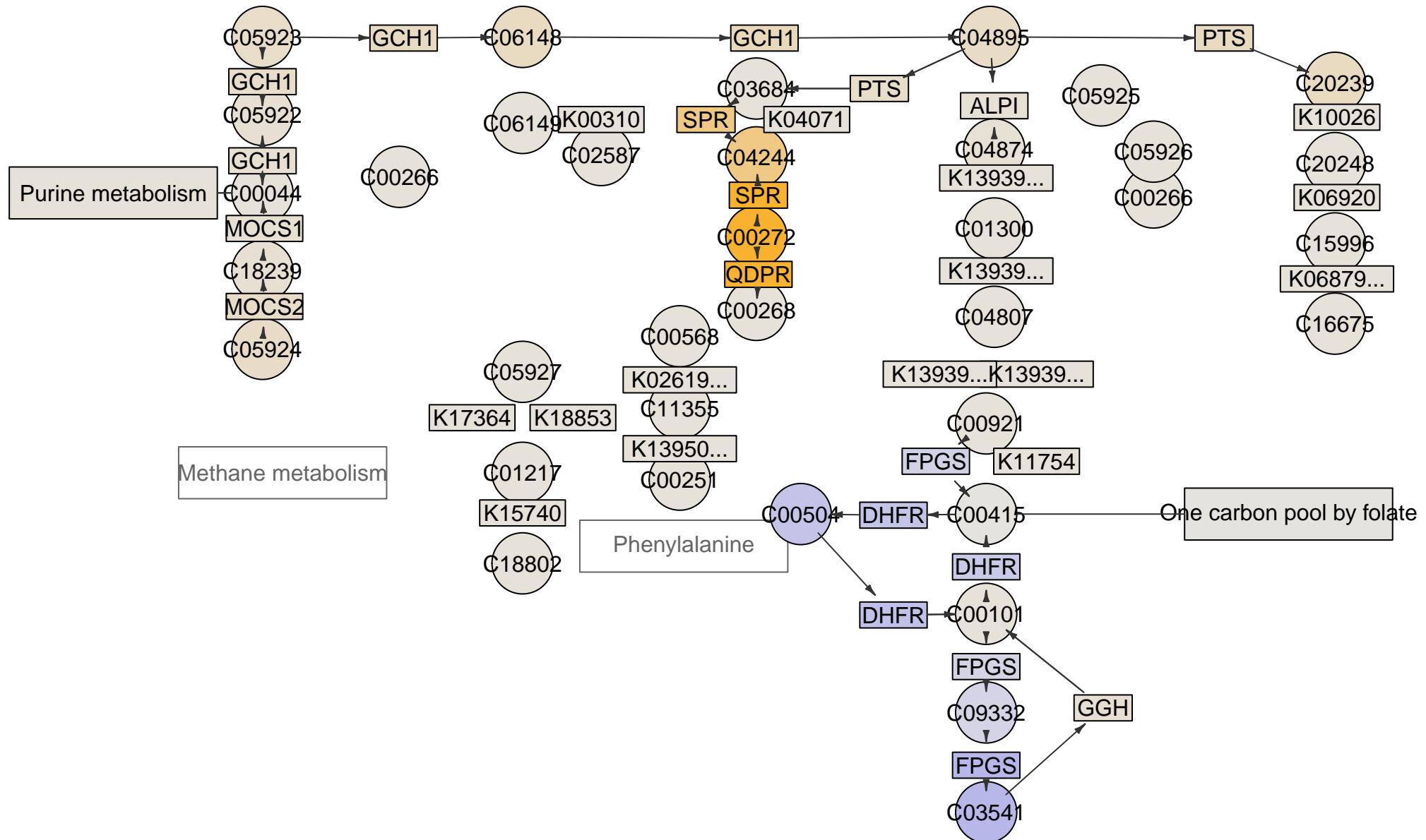
Folate biosynthesis  
MPI-210



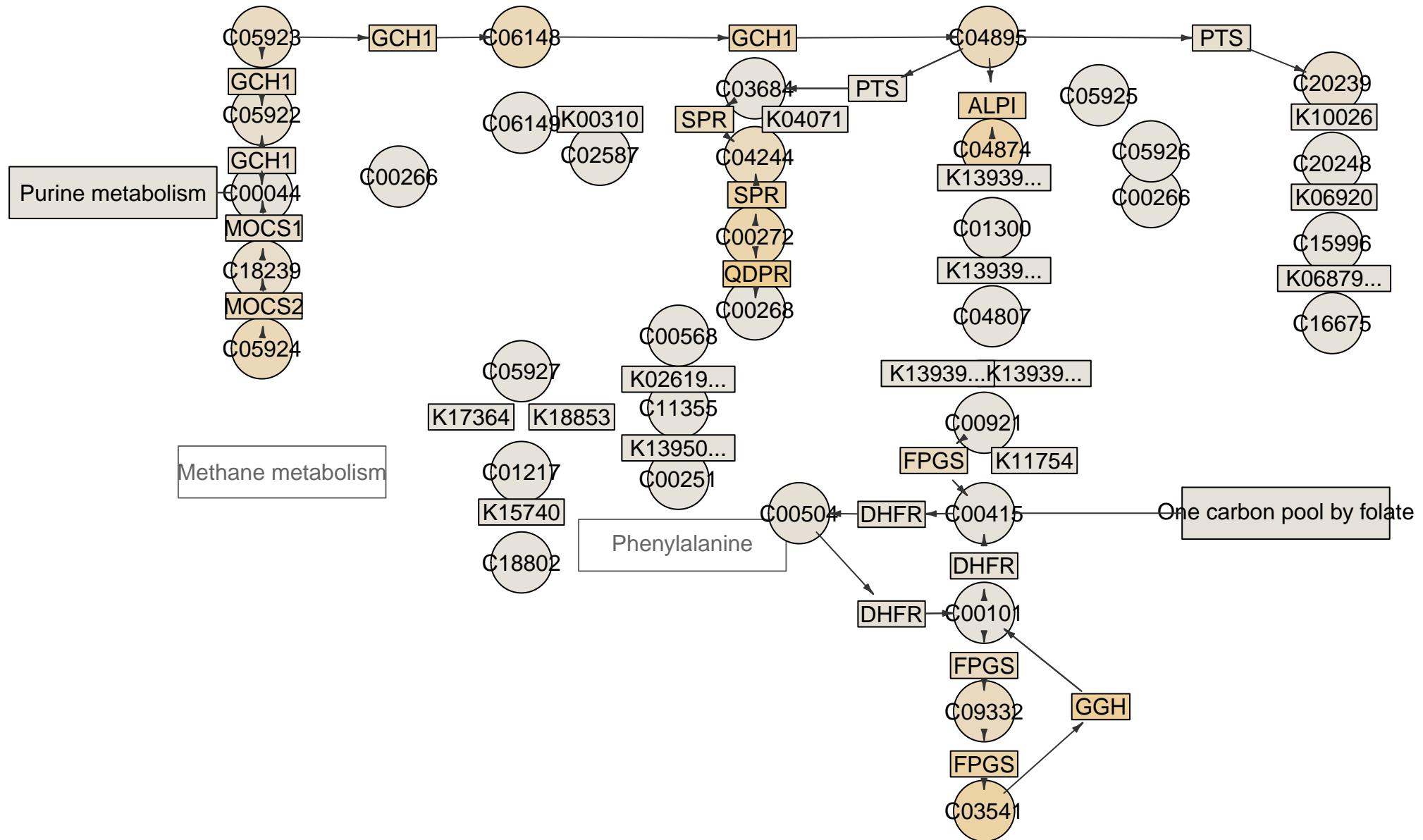
Folate biosynthesis  
MPI-212



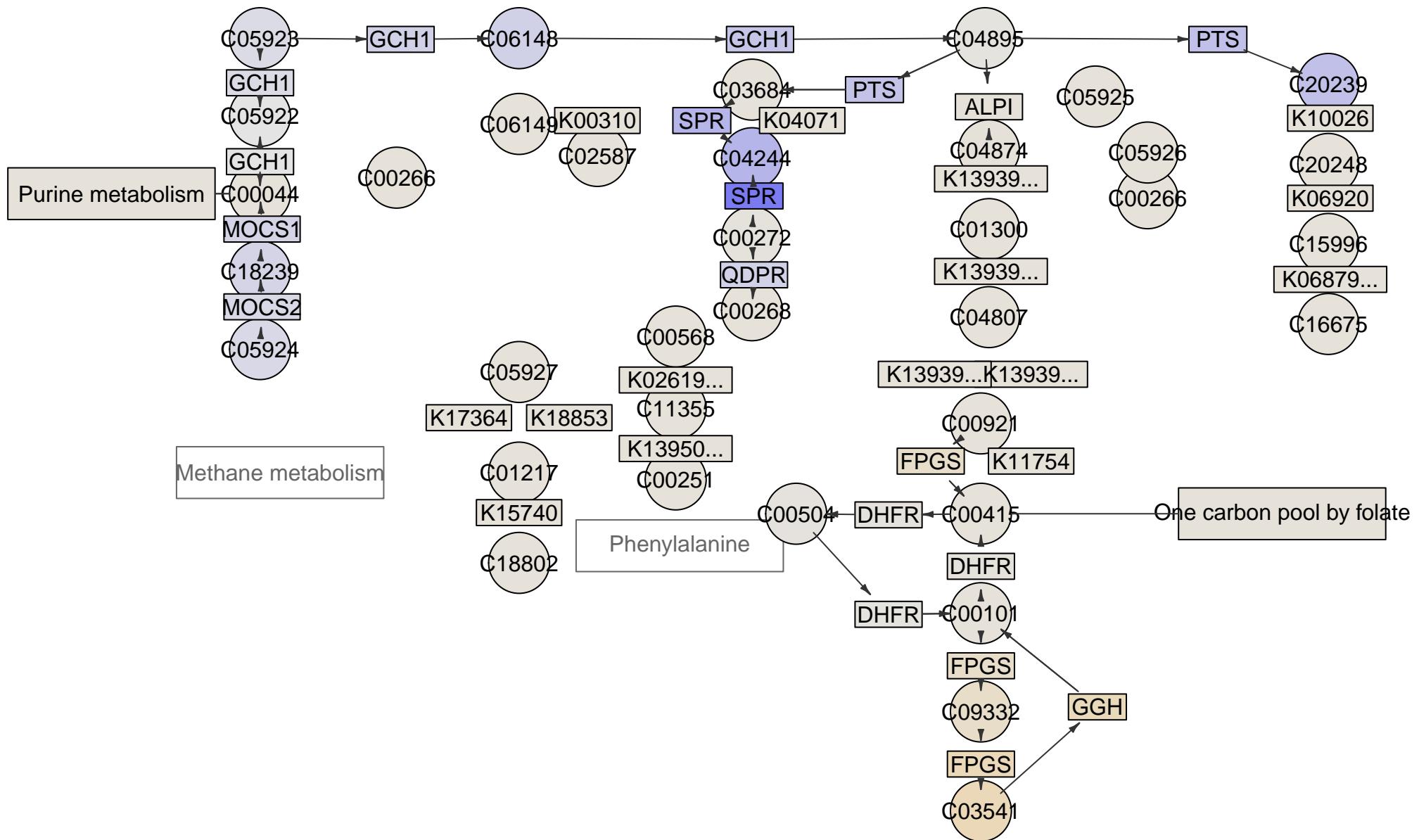
Folate biosynthesis  
MPI-213



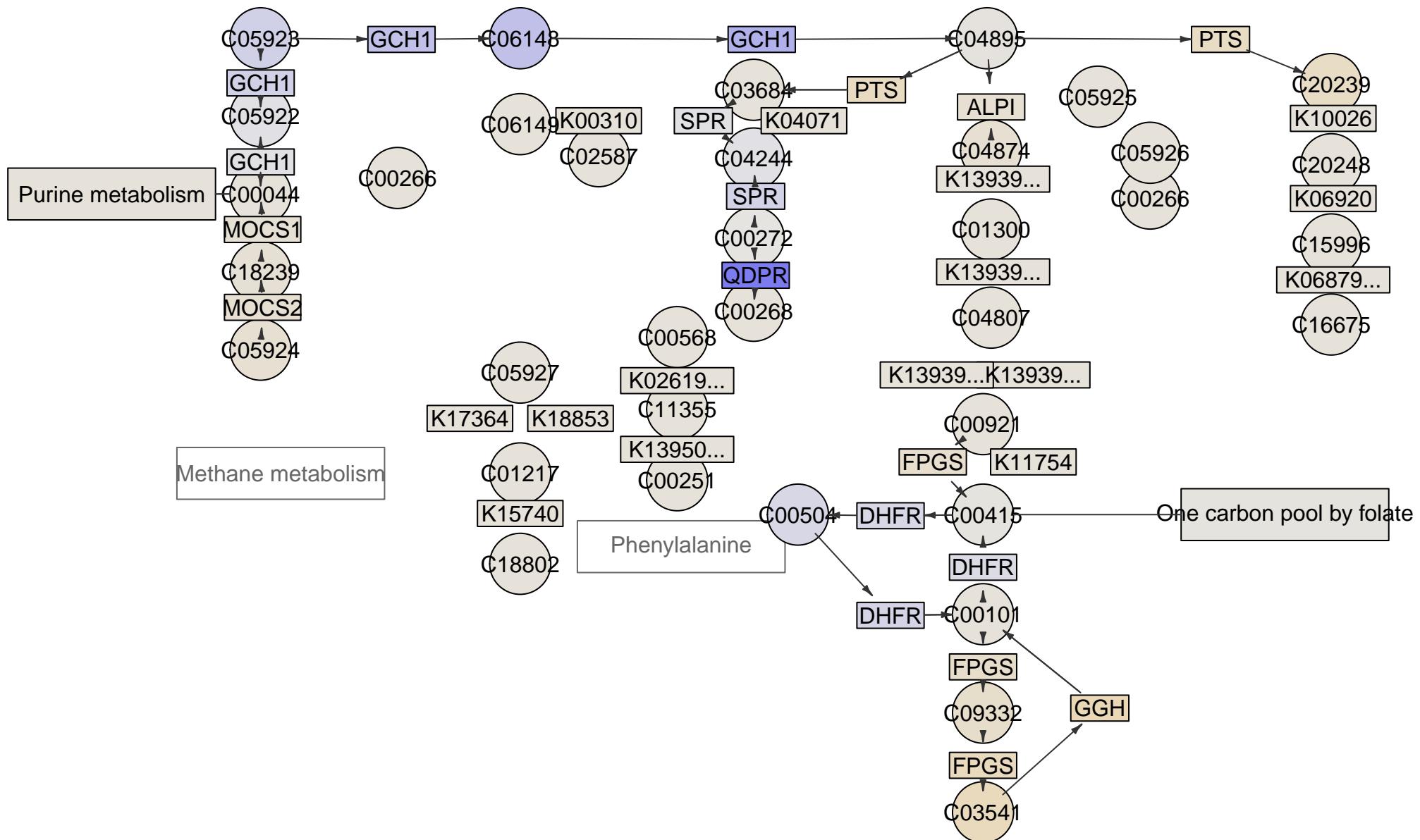
Folate biosynthesis  
MPI-215



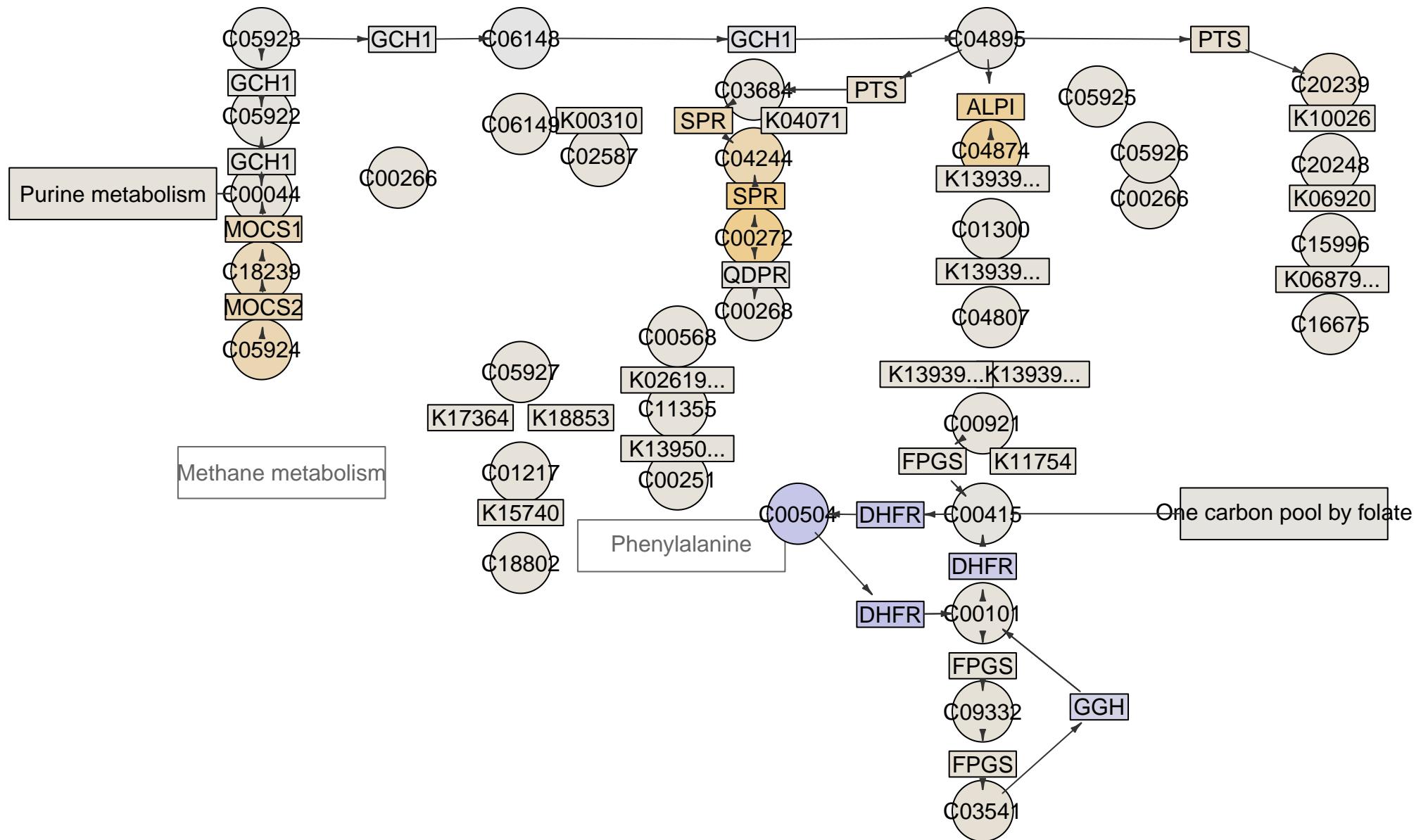
Folate biosynthesis  
MPI-219



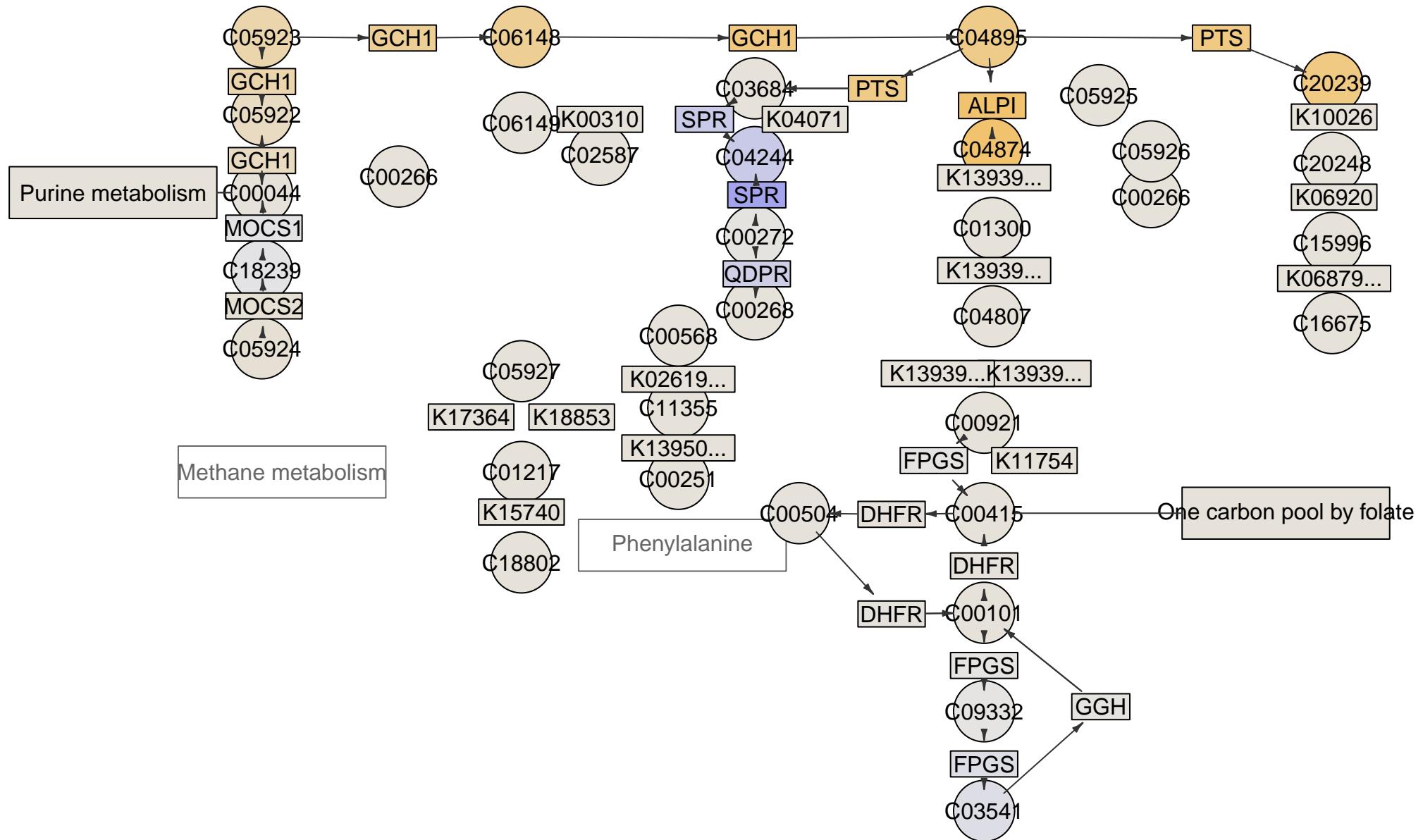
Folate biosynthesis  
MPI-221



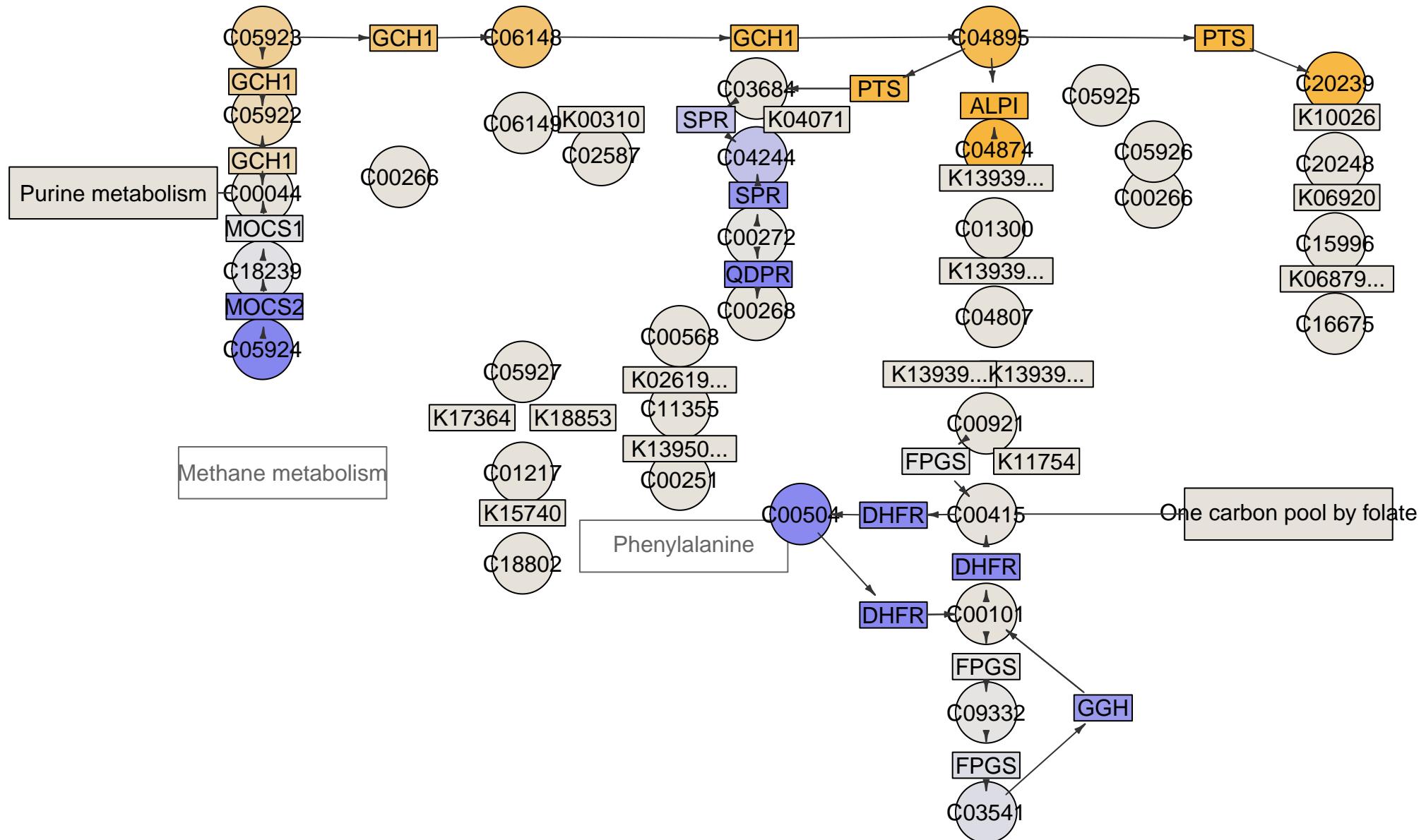
Folate biosynthesis  
MPI-223a



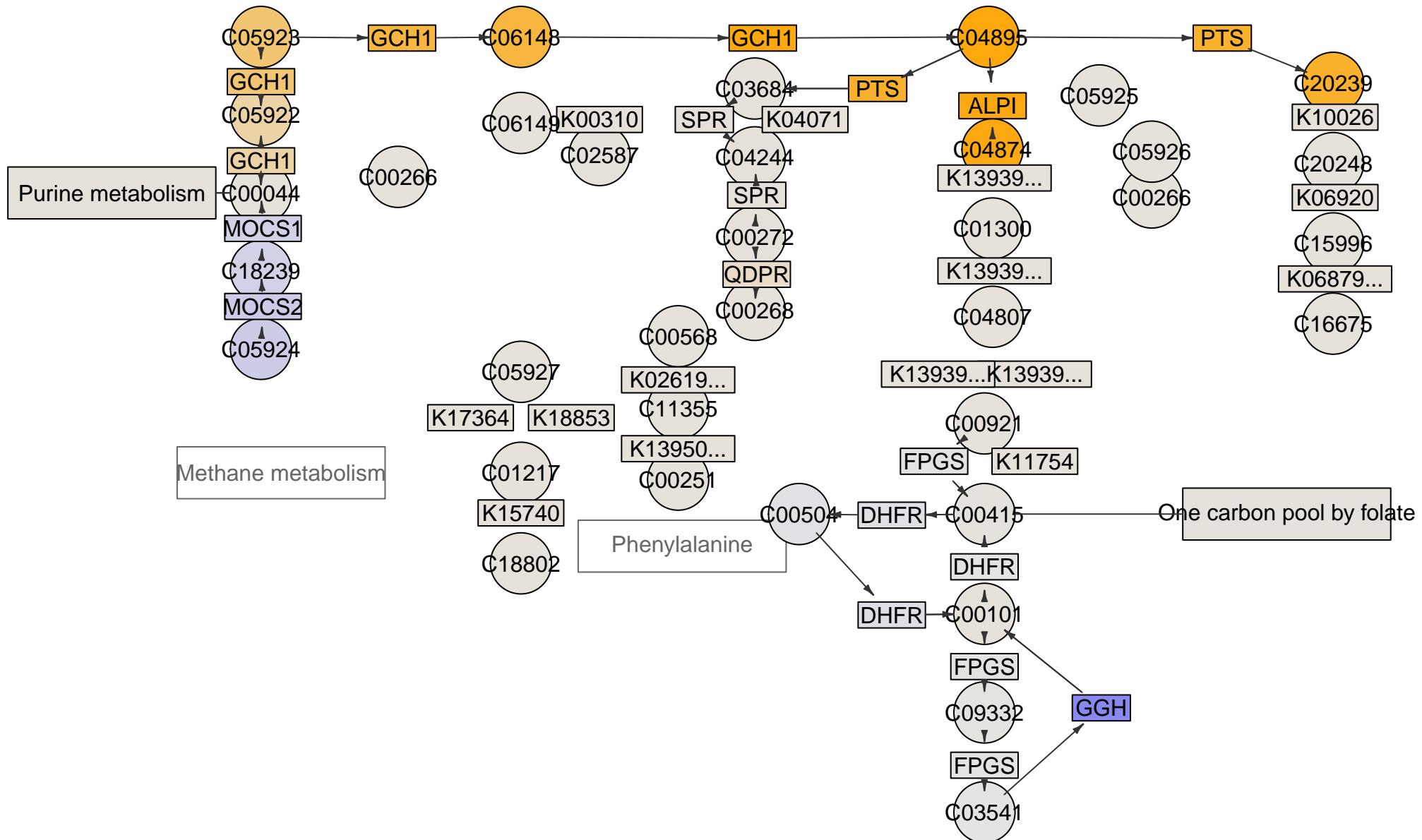
Folate biosynthesis  
MPI-224



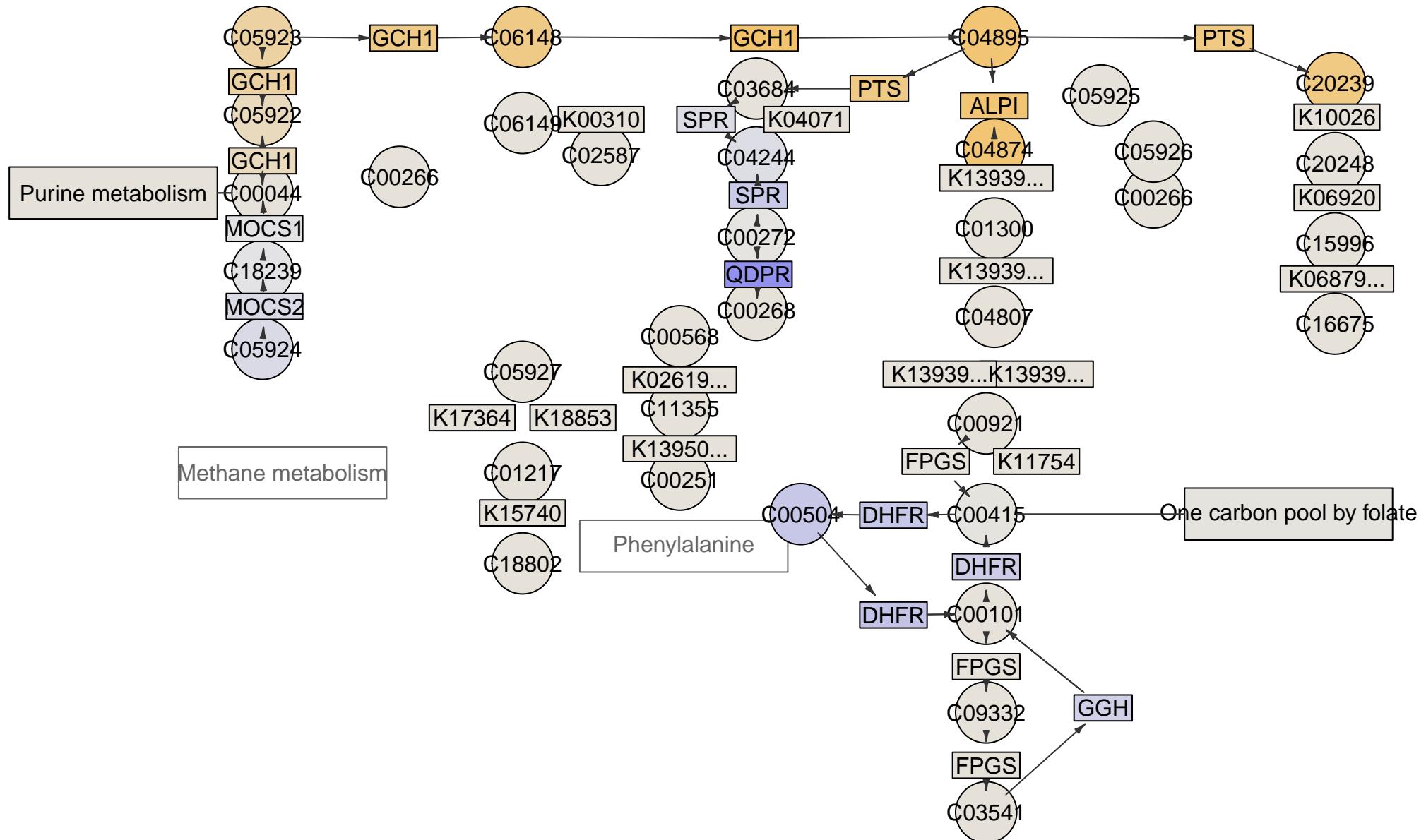
Folate biosynthesis  
MPI-226



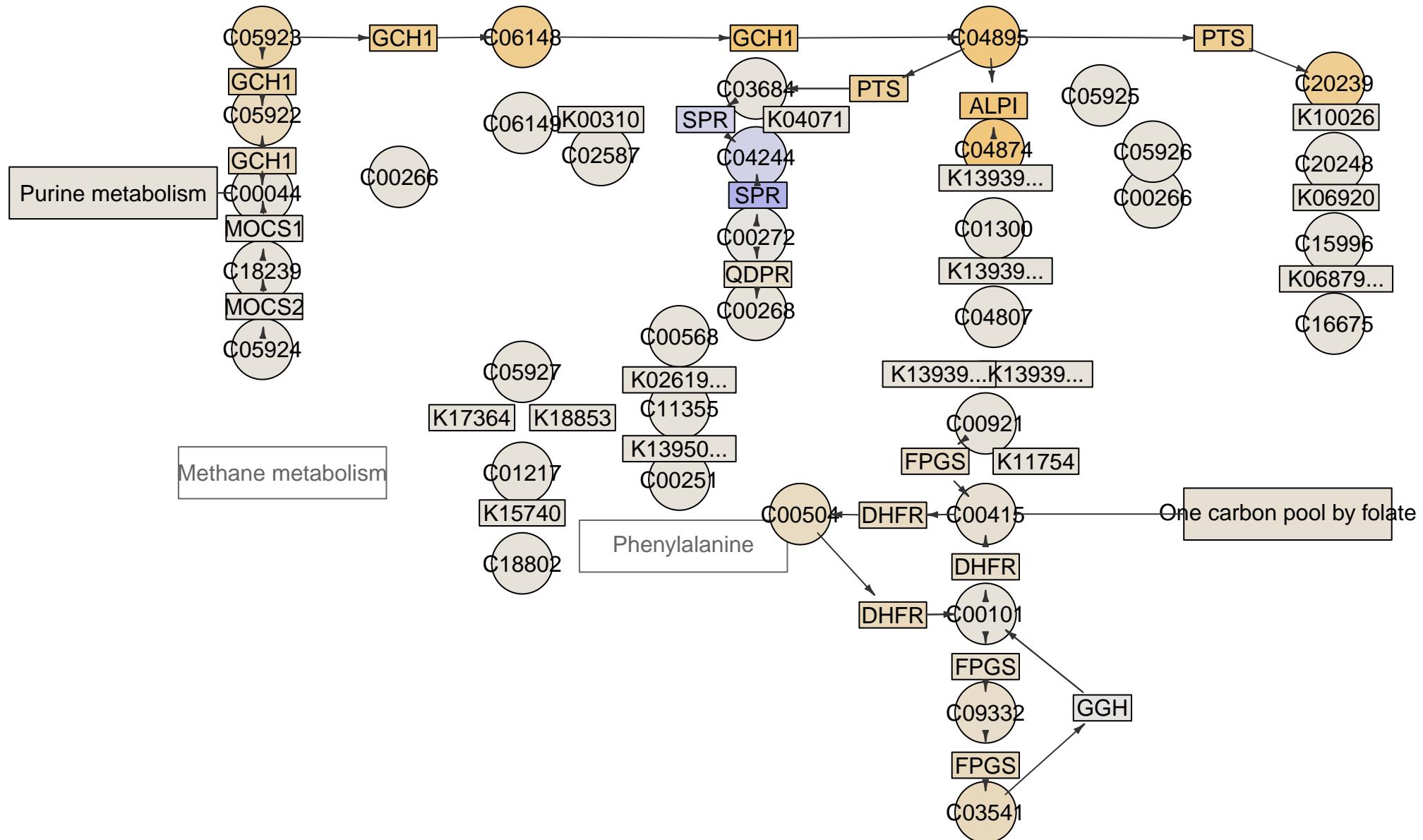
Folate biosynthesis  
MPI-227



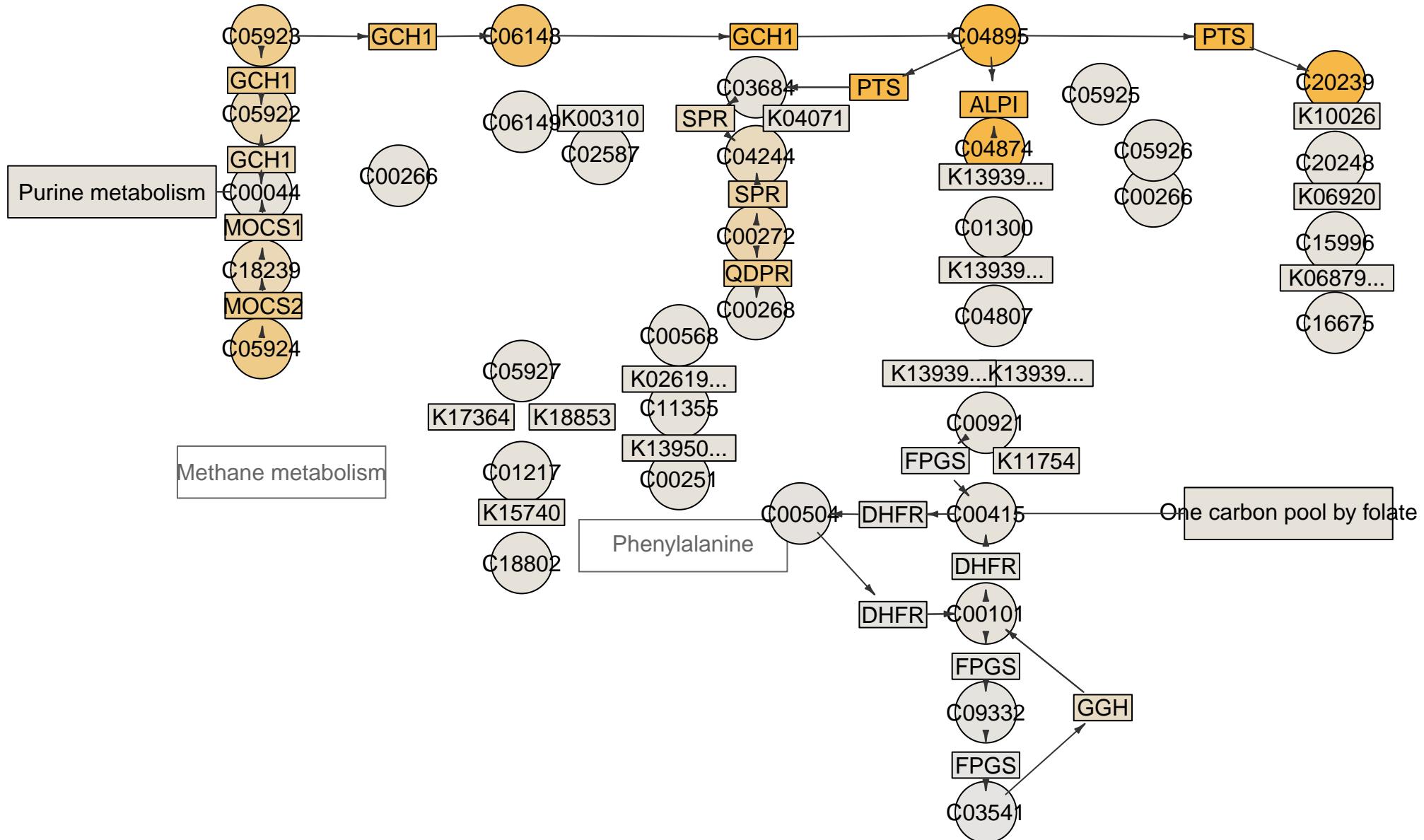
Folate biosynthesis  
MPI-228



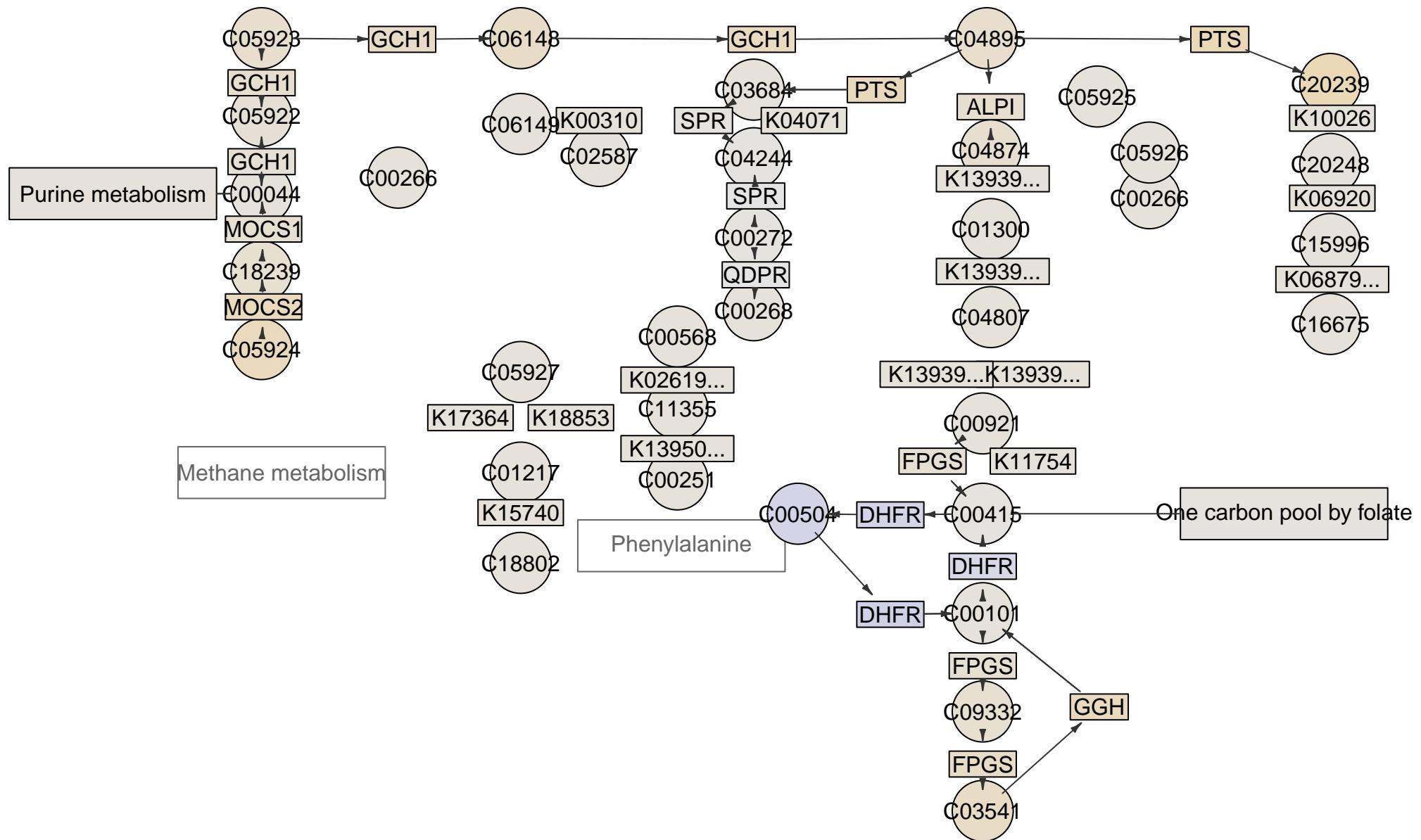
Folate biosynthesis  
MPI-229



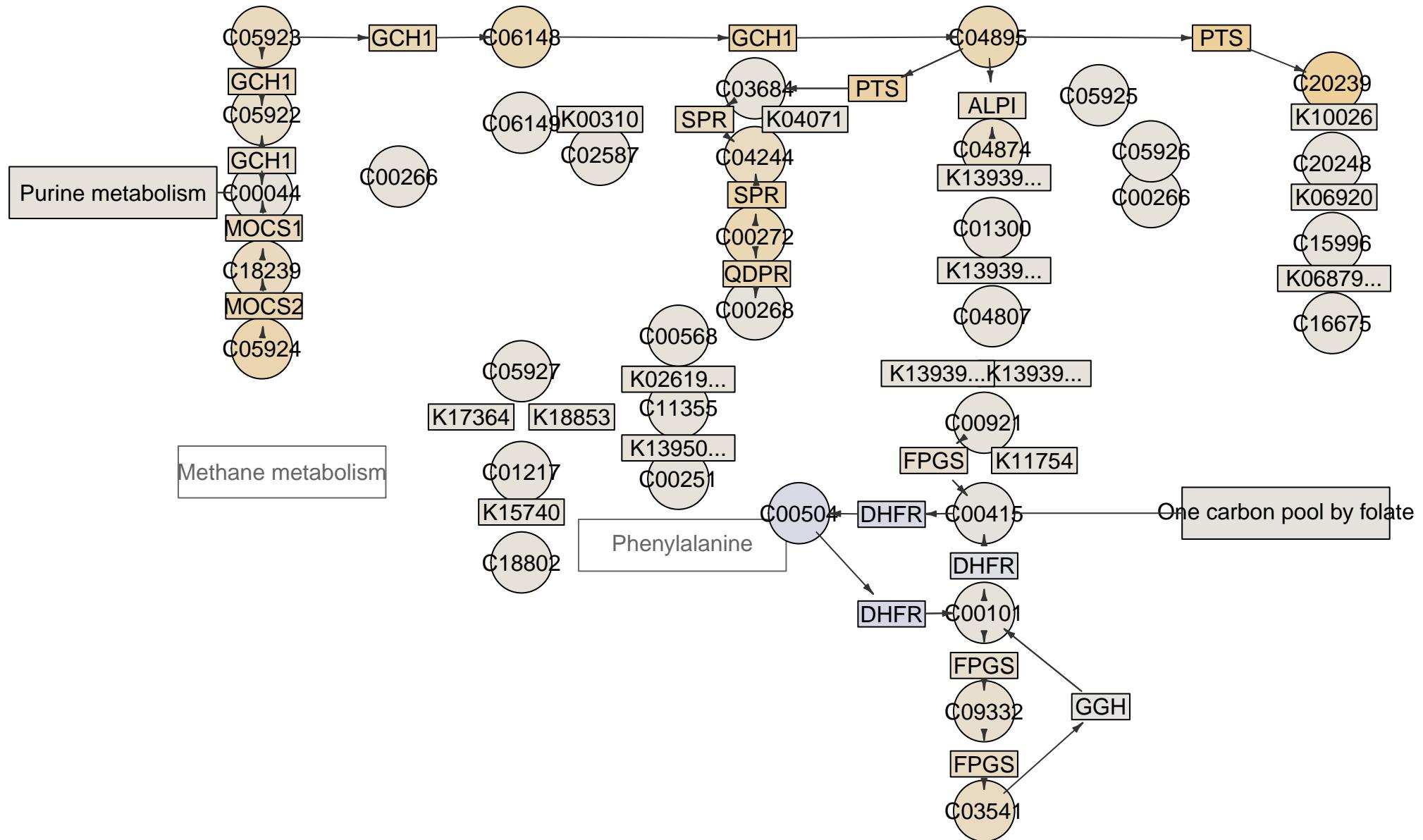
Folate biosynthesis  
MPI-230



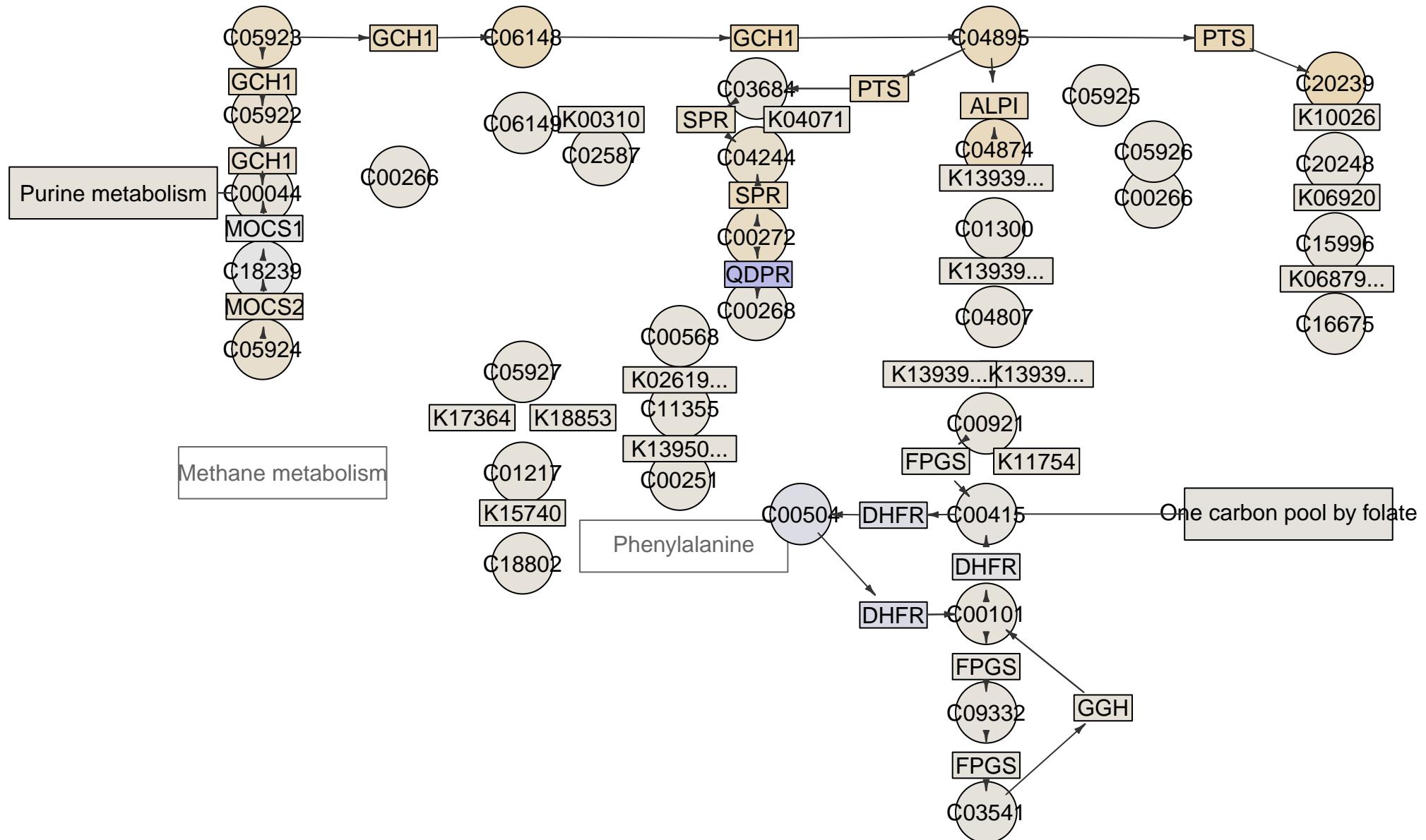
Folate biosynthesis  
MPI-231



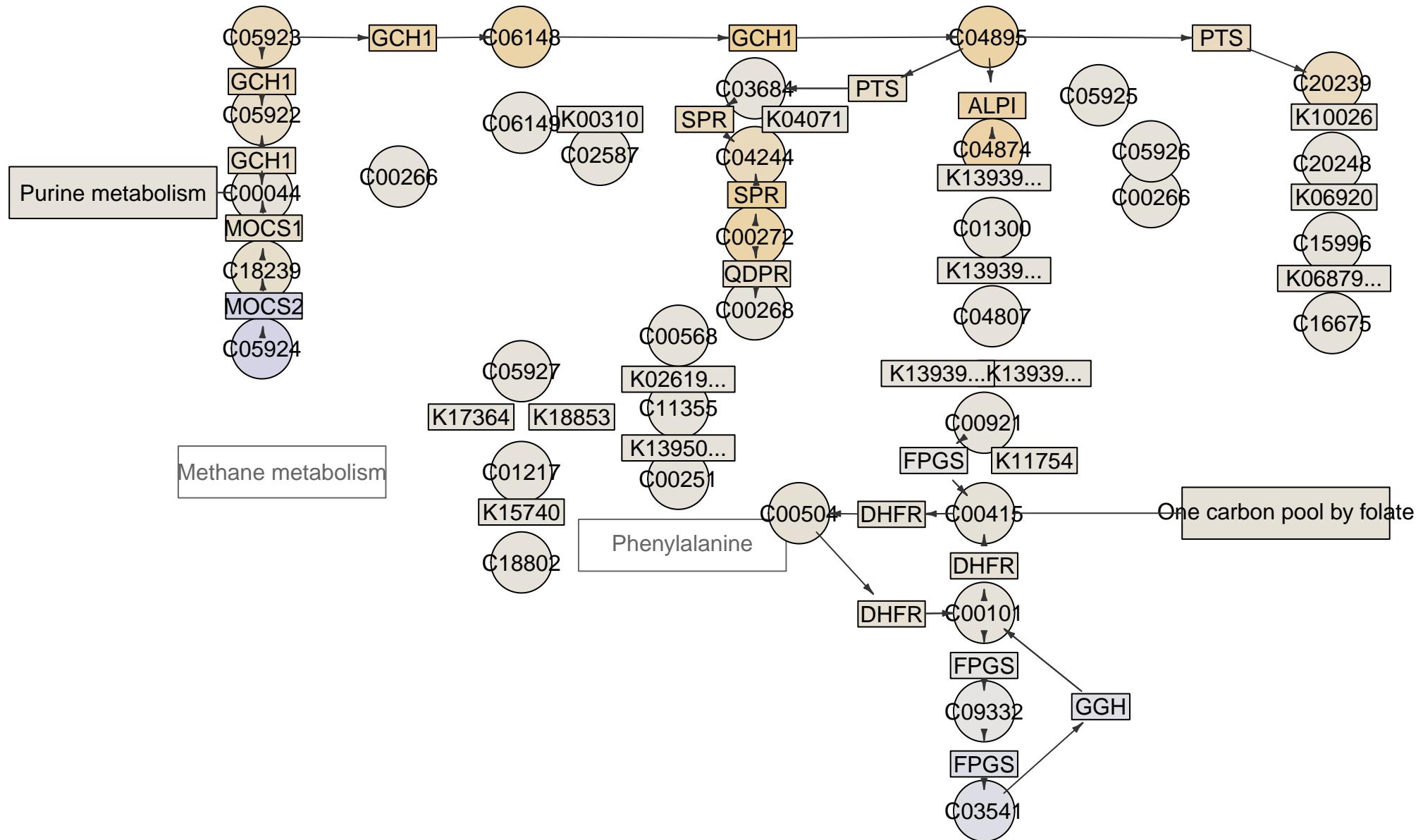
Folate biosynthesis  
MPI-232



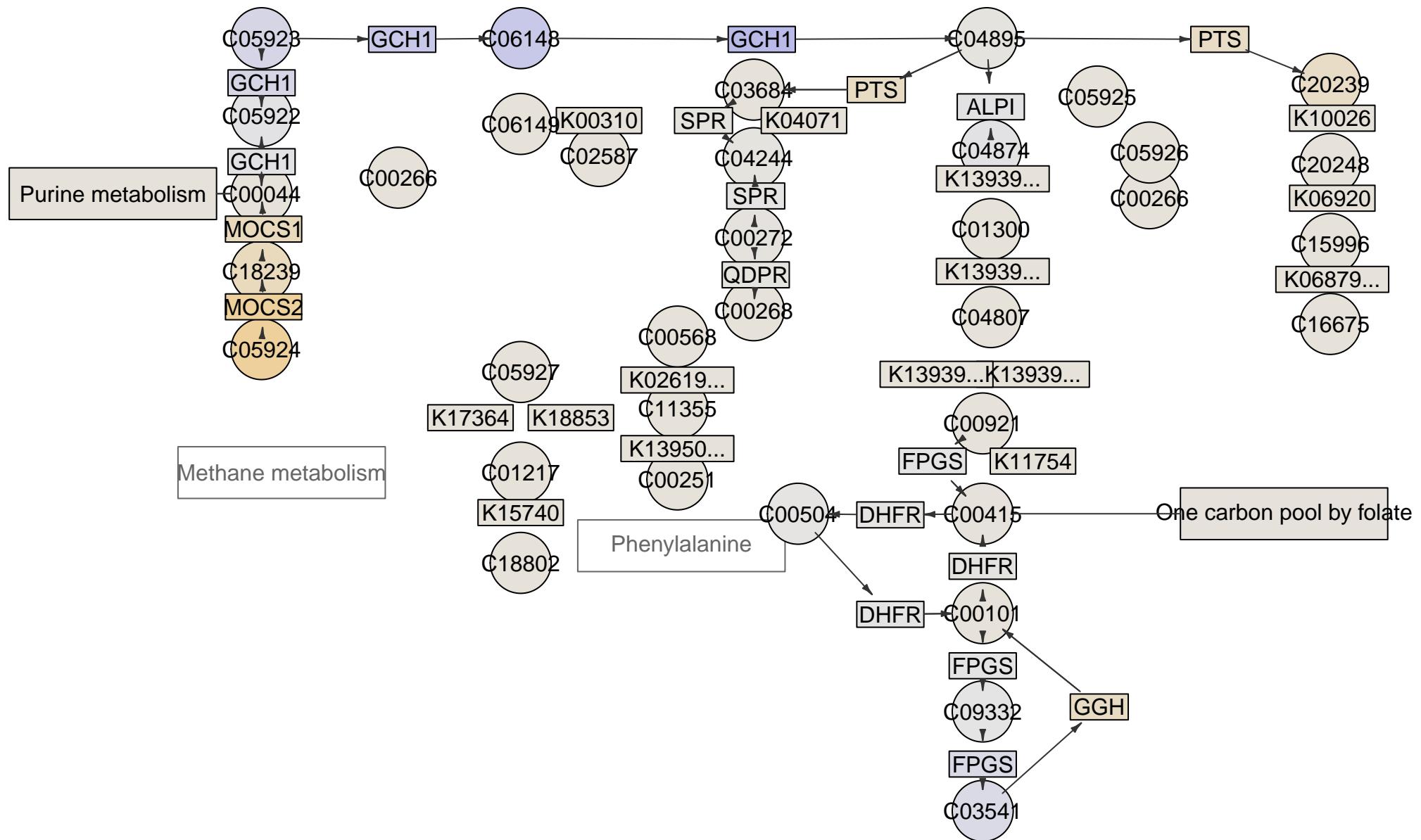
Folate biosynthesis  
MPI-233



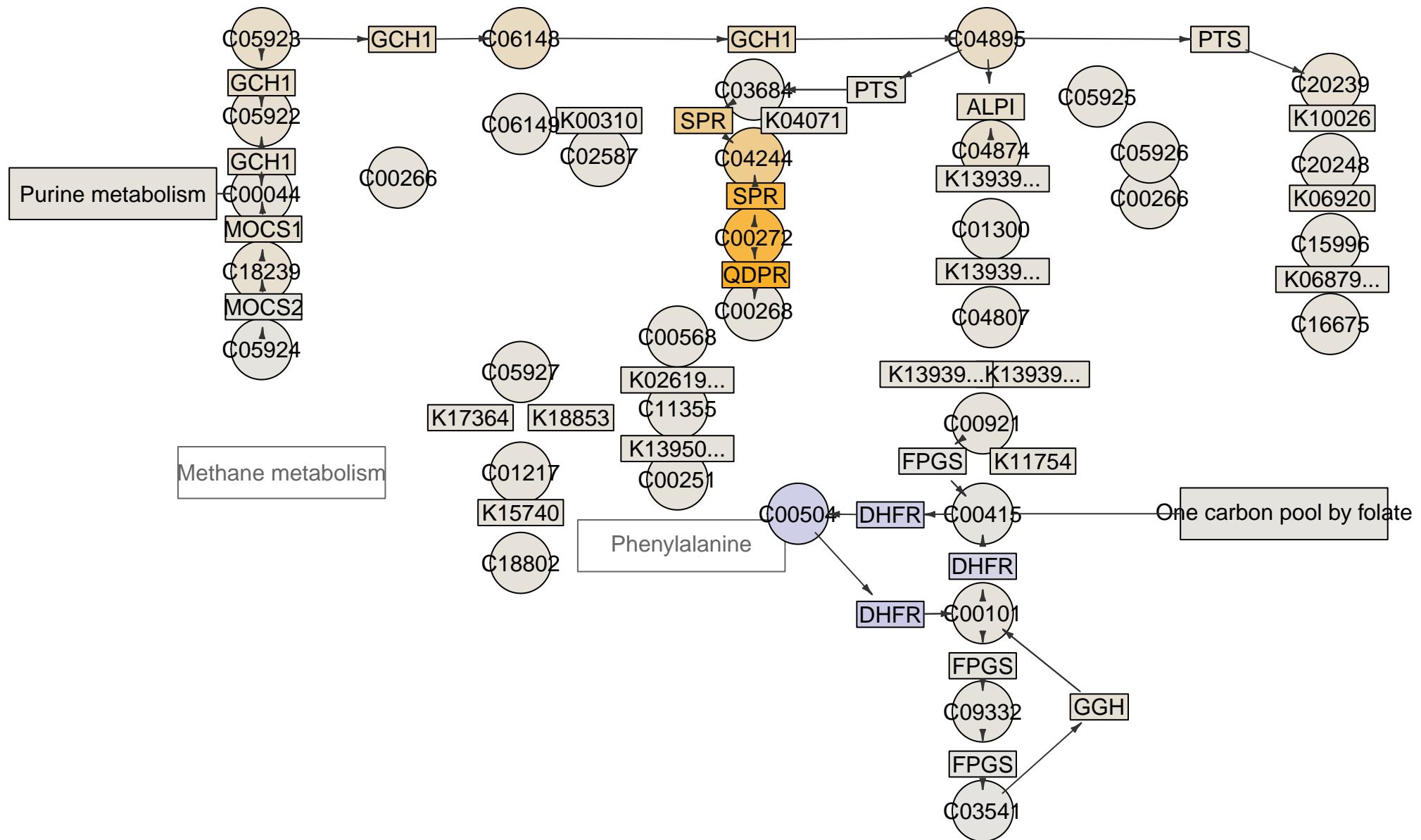
Folate biosynthesis  
MPI-234



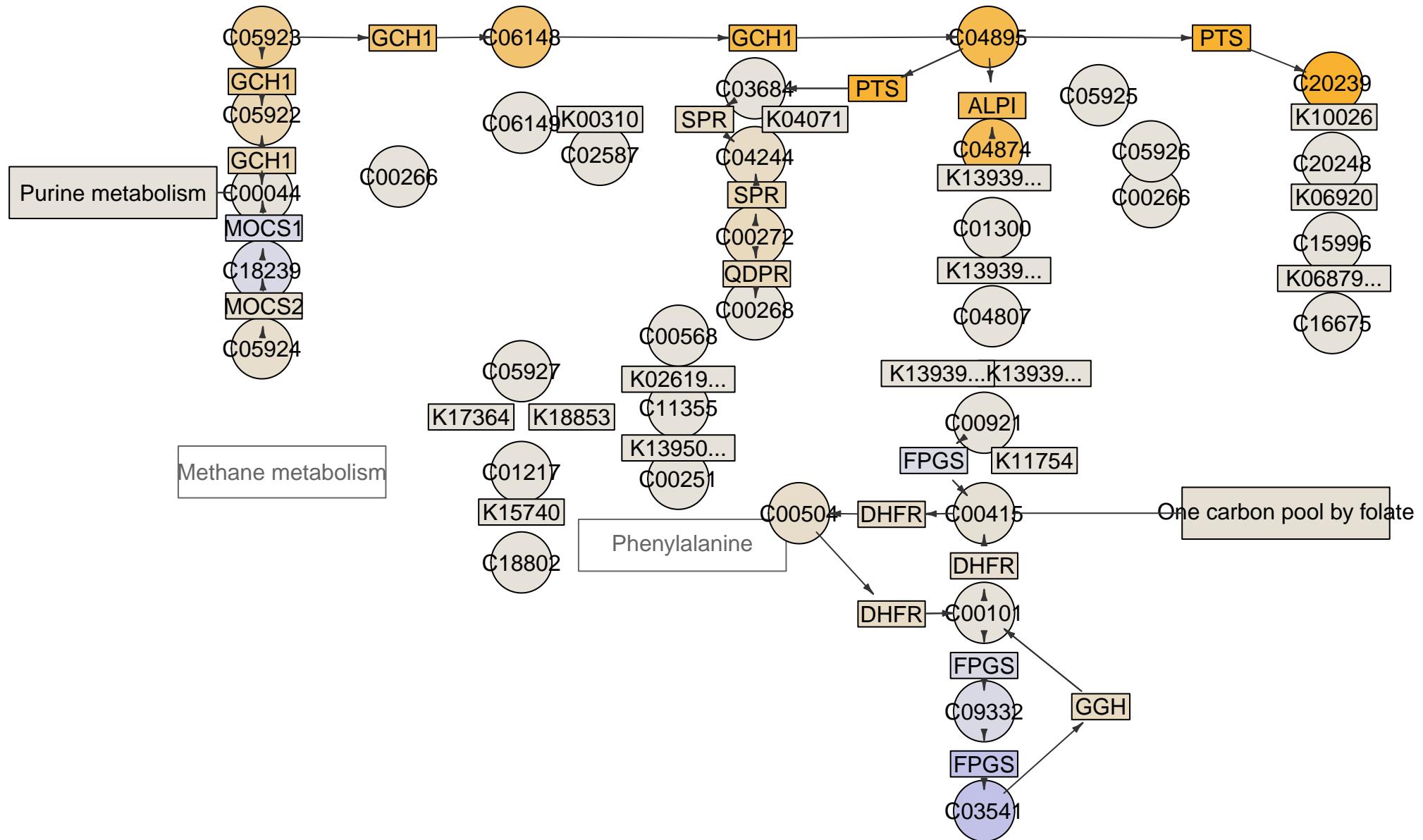
Folate biosynthesis  
MPI-235



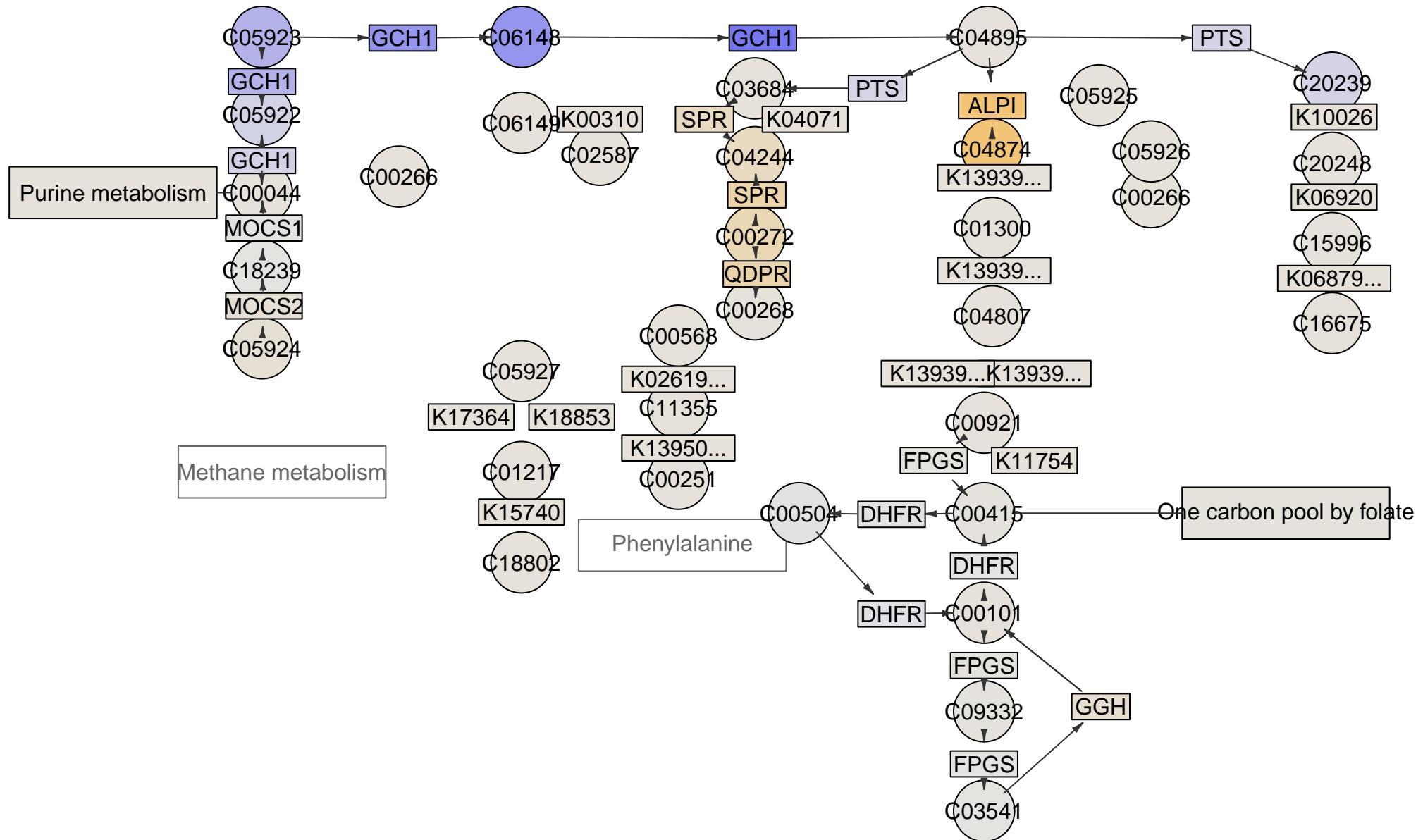
Folate biosynthesis  
MPI-236



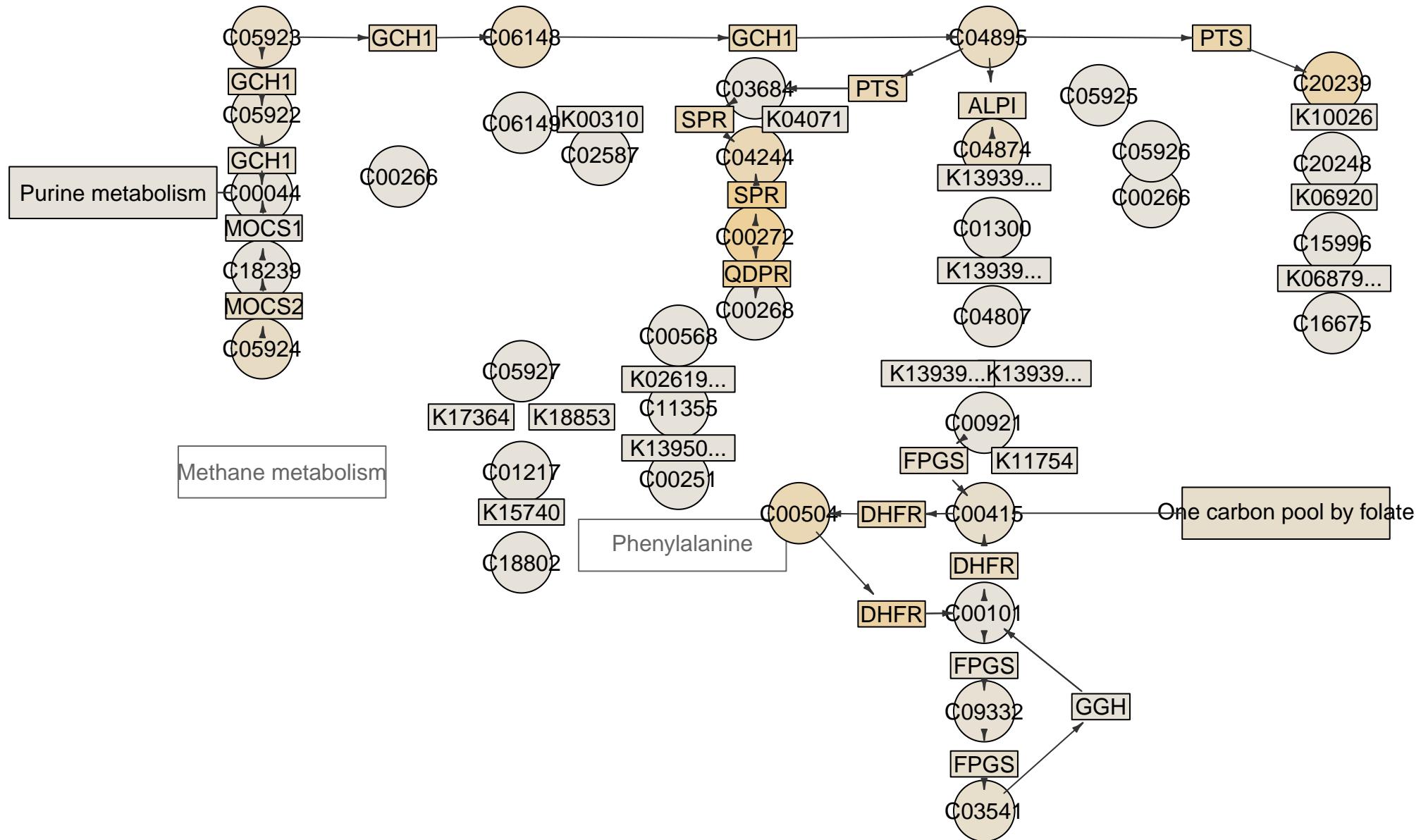
Folate biosynthesis  
MPI-237



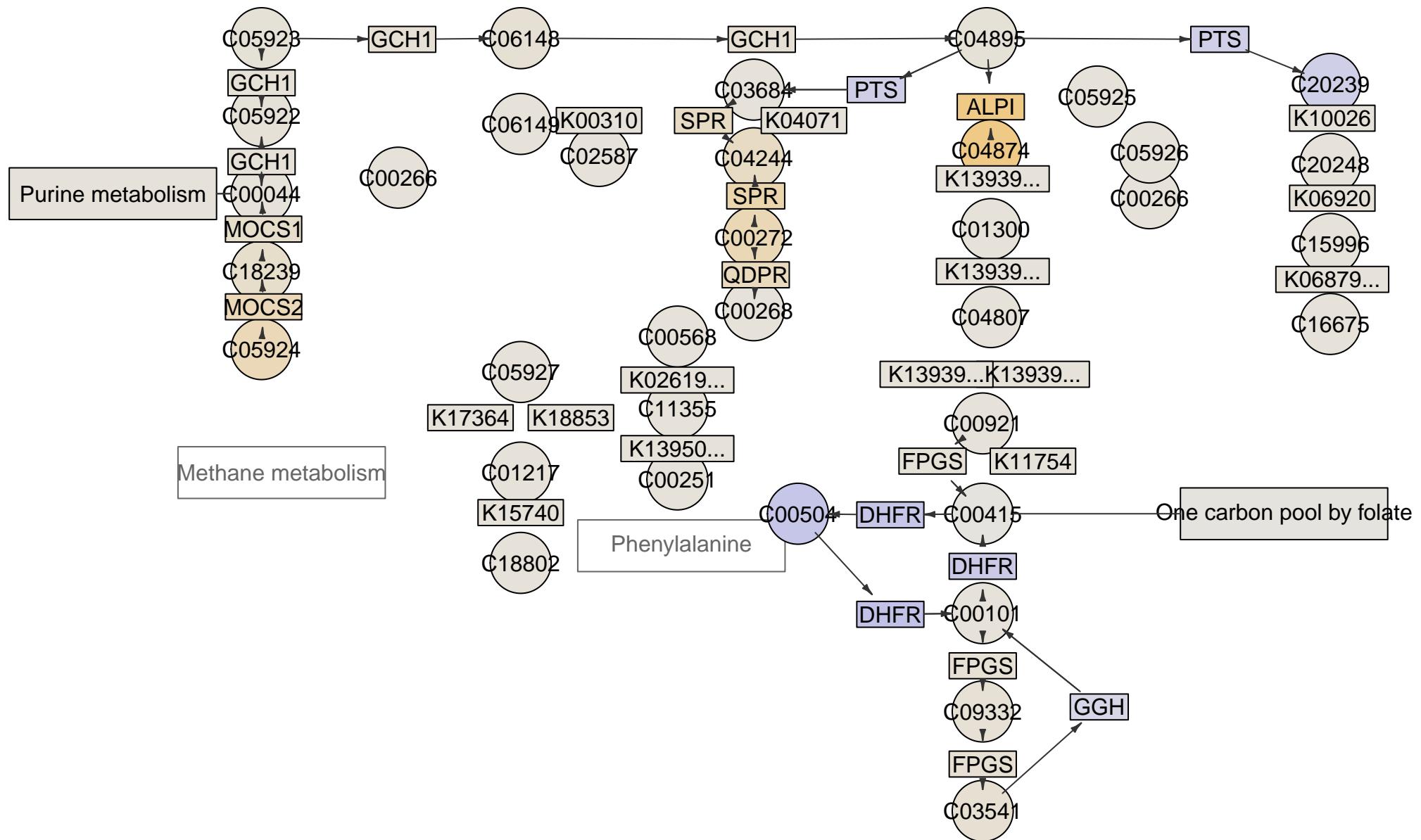
Folate biosynthesis  
MPI-239



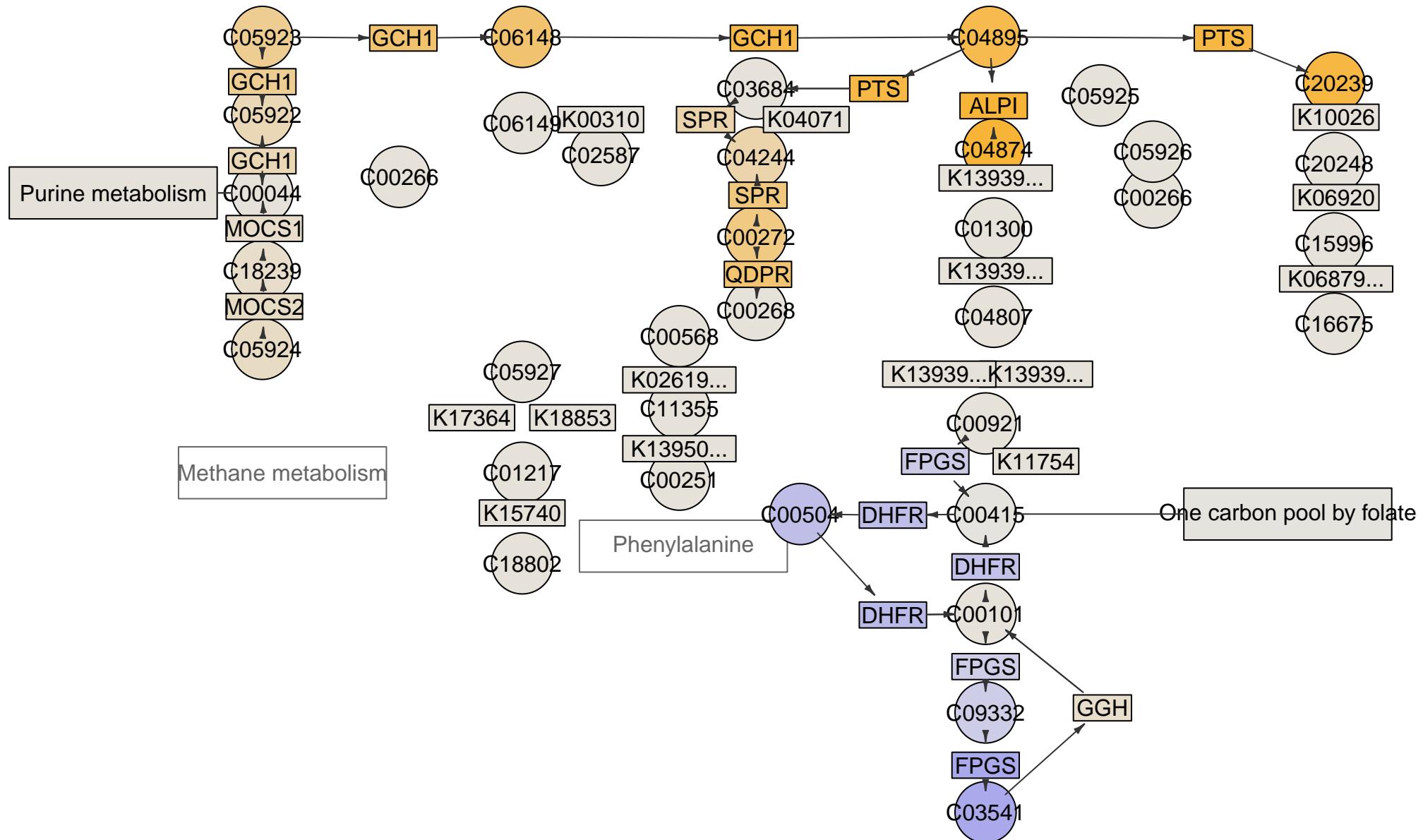
Folate biosynthesis  
MPI-241



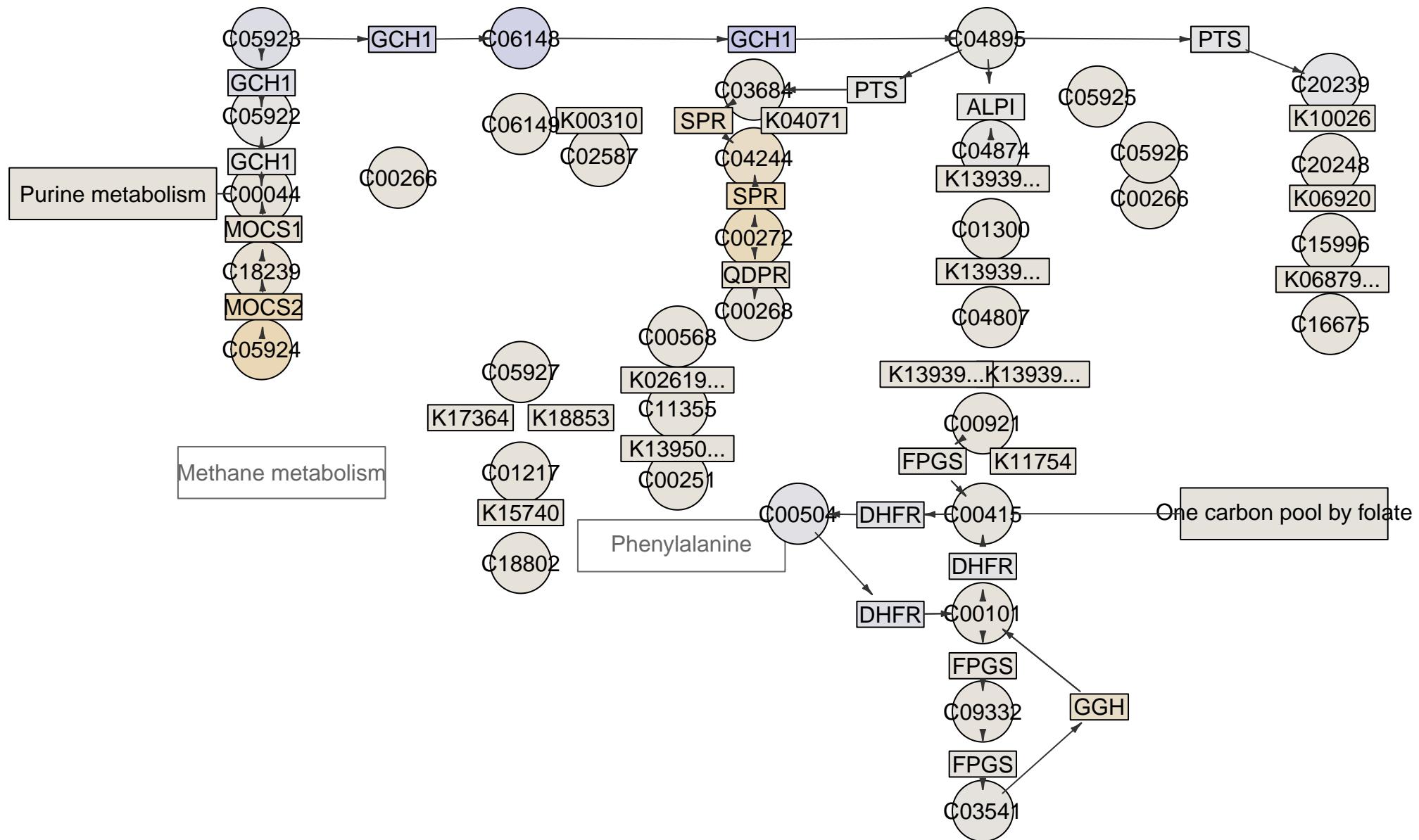
Folate biosynthesis  
MPI-243



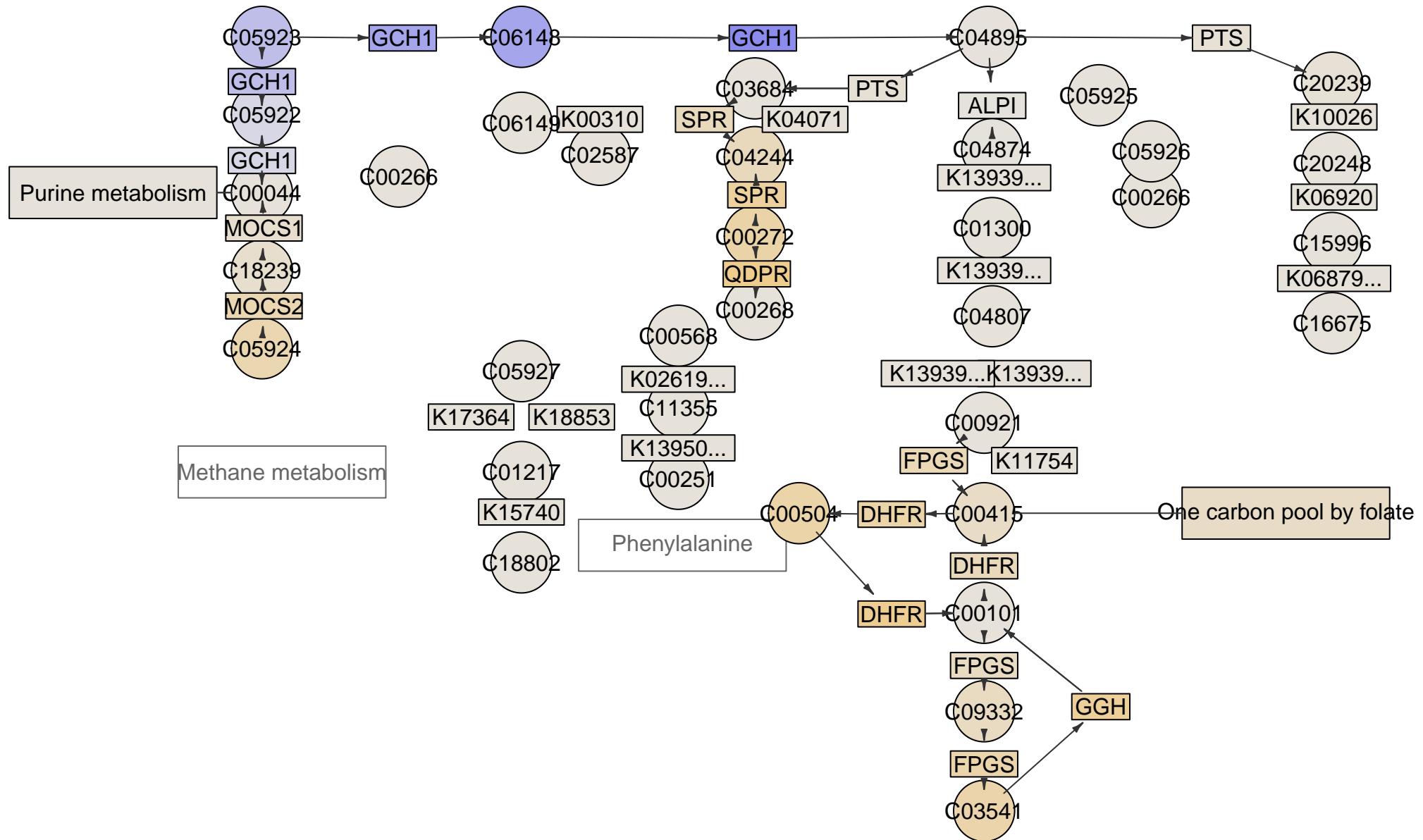
Folate biosynthesis  
MPI-244



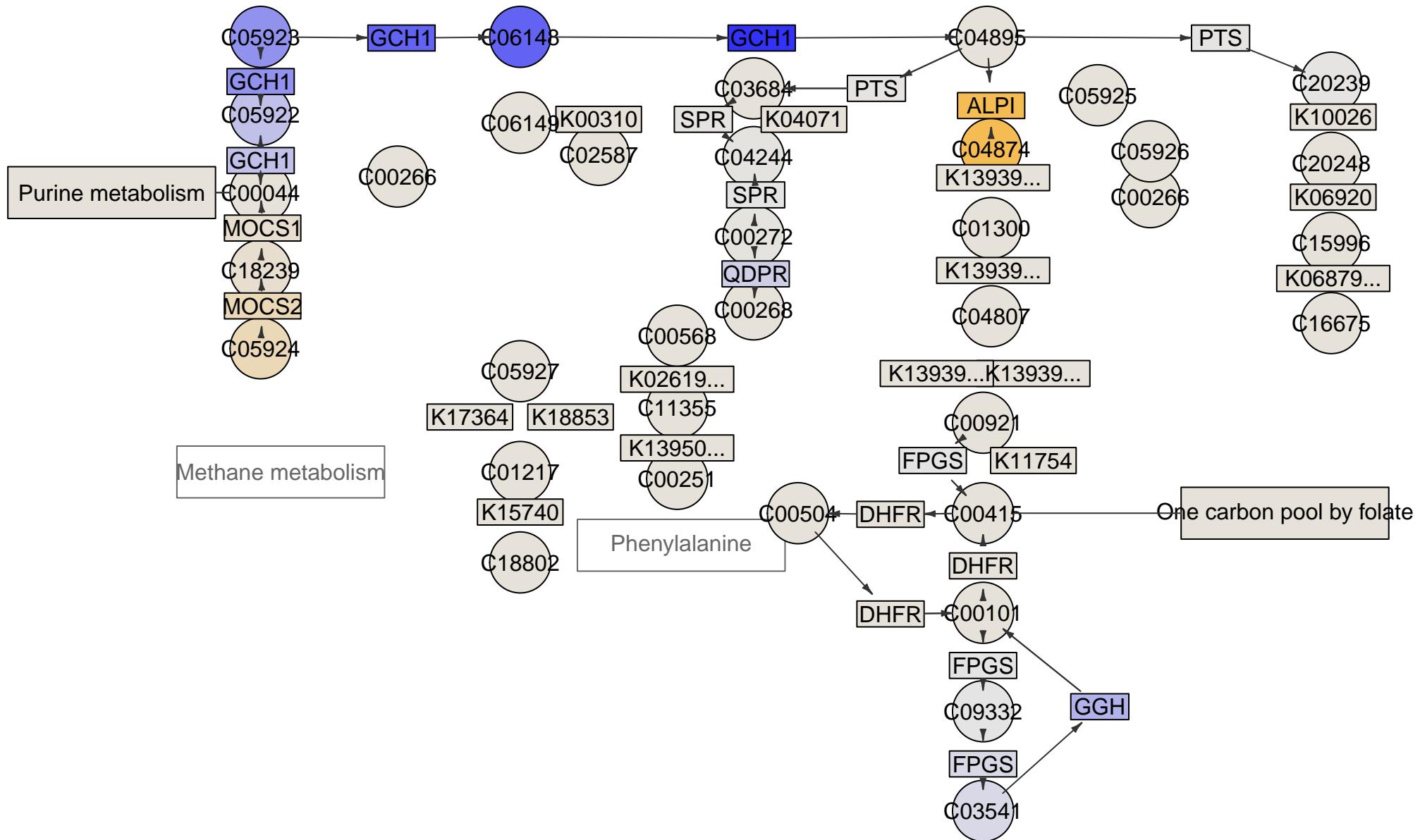
Folate biosynthesis  
MPI-246



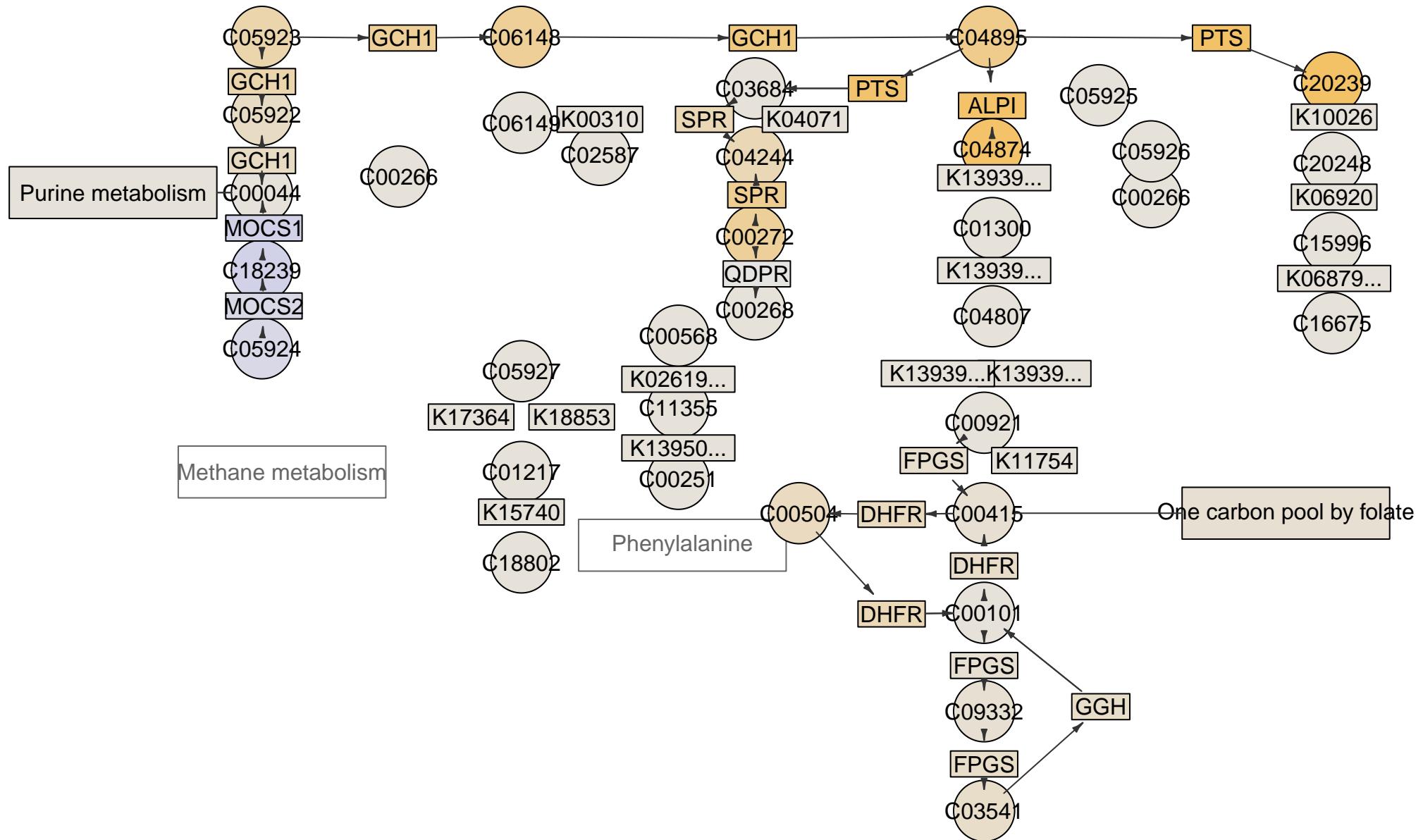
Folate biosynthesis  
MPI-247



Folate biosynthesis  
MPI-251



Folate biosynthesis  
MPI-255



Folate biosynthesis  
MPI-223b

