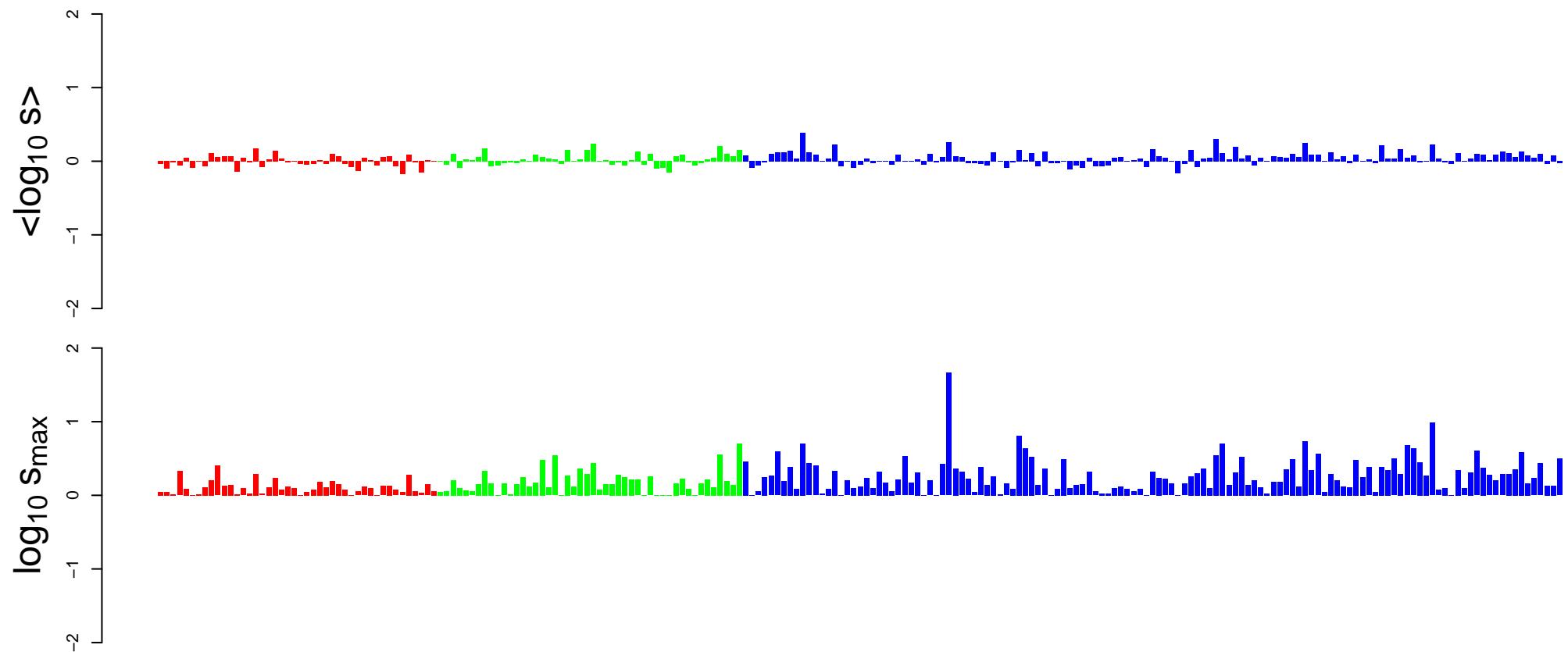
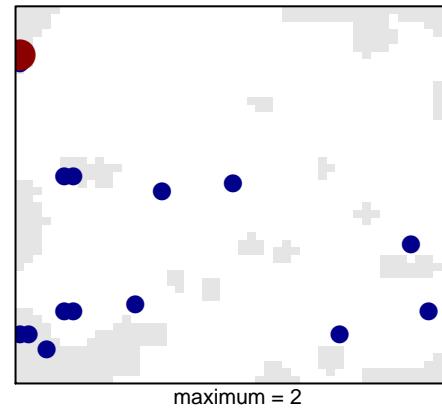
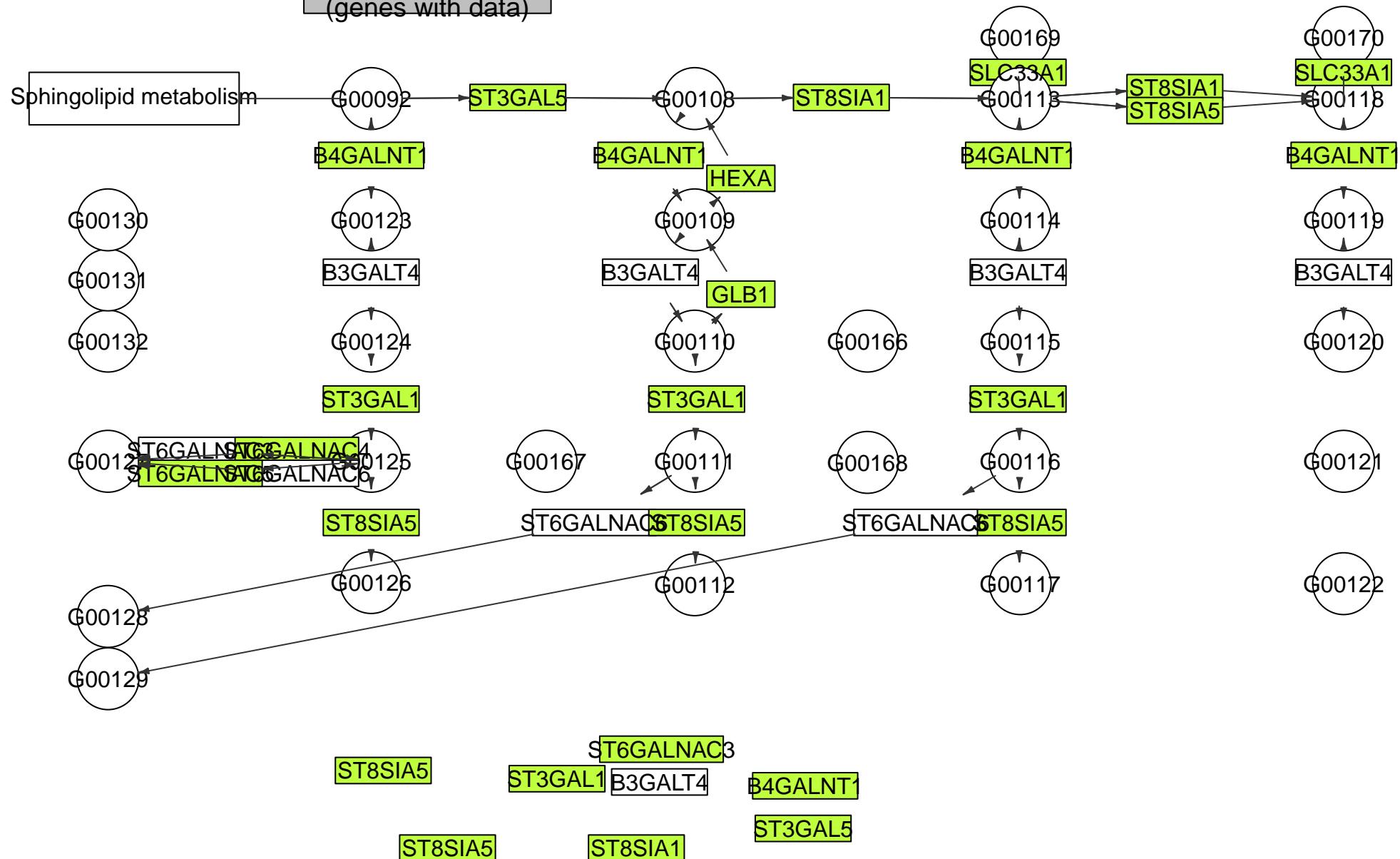


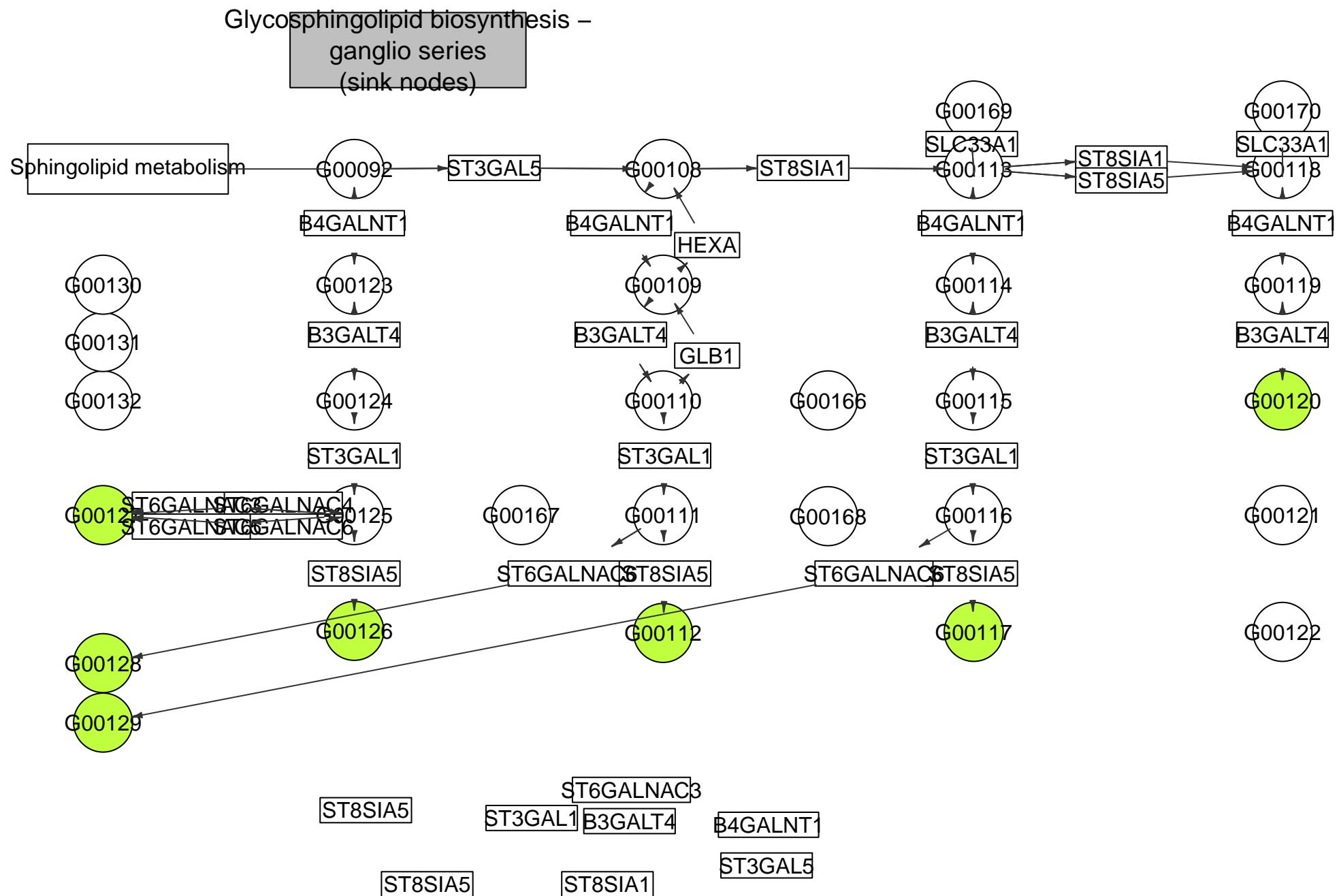
# Glycosphingolipid biosynthesis – gar

all genes

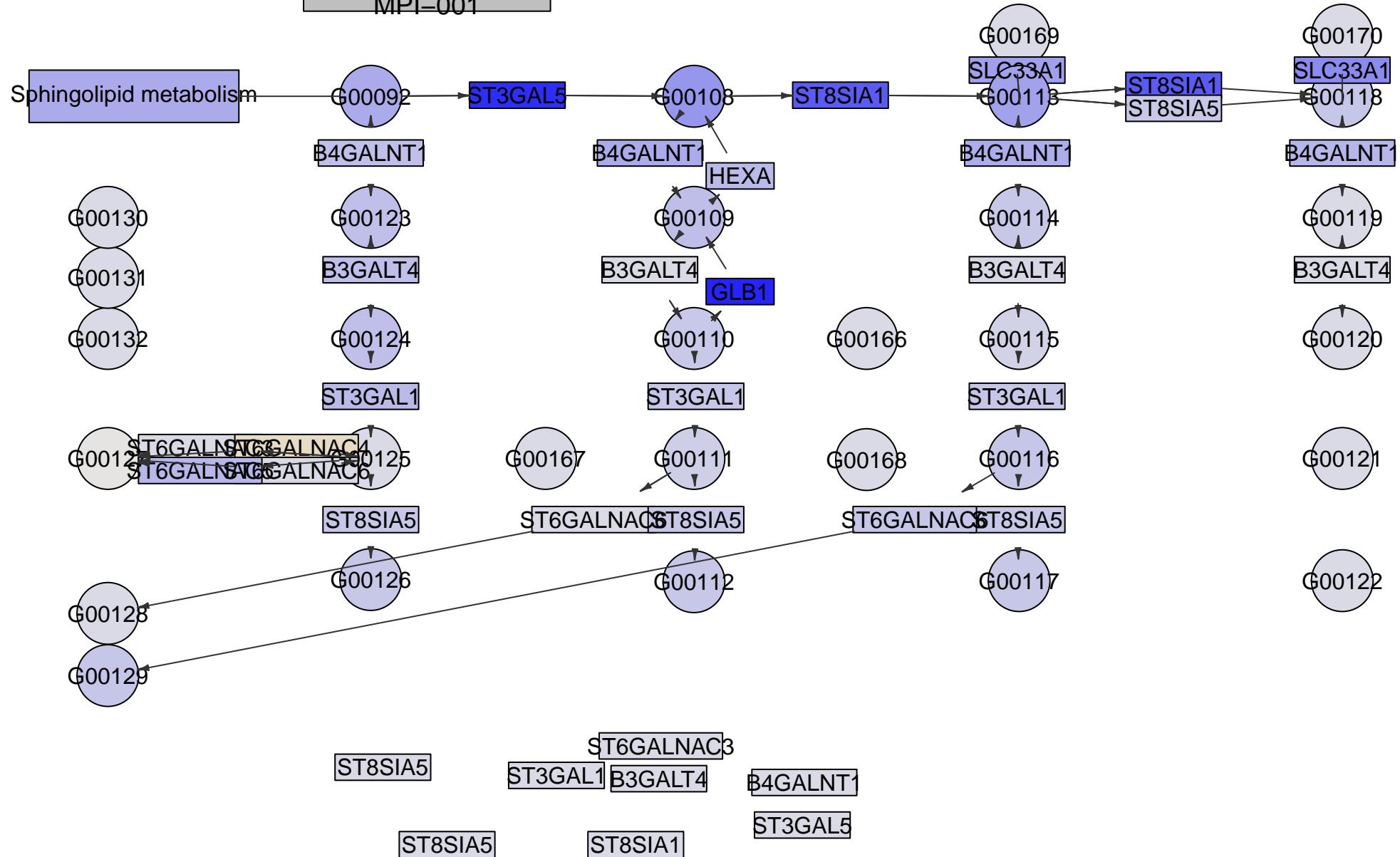


Glycosphingolipid biosynthesis –  
ganglio series  
(genes with data)

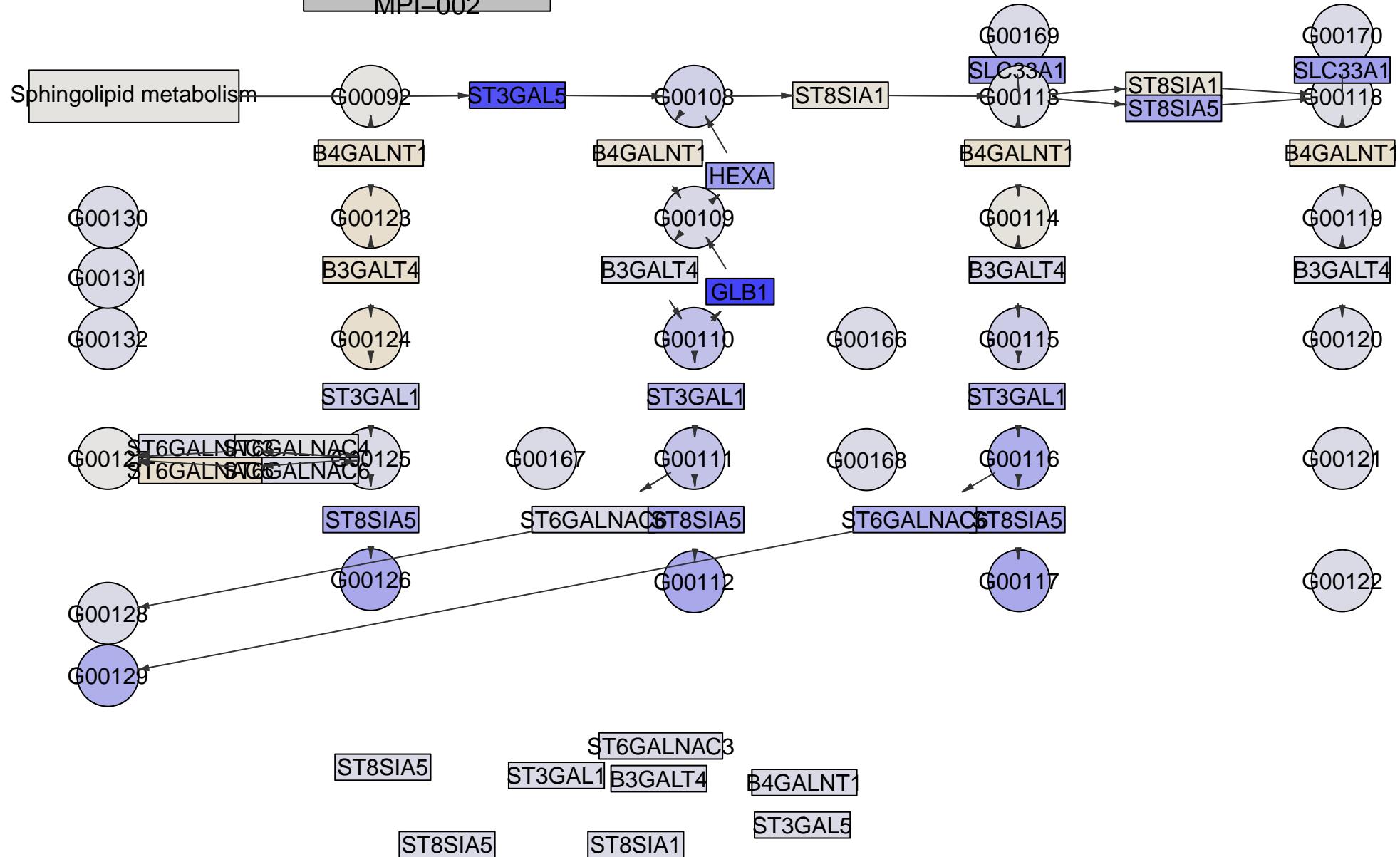




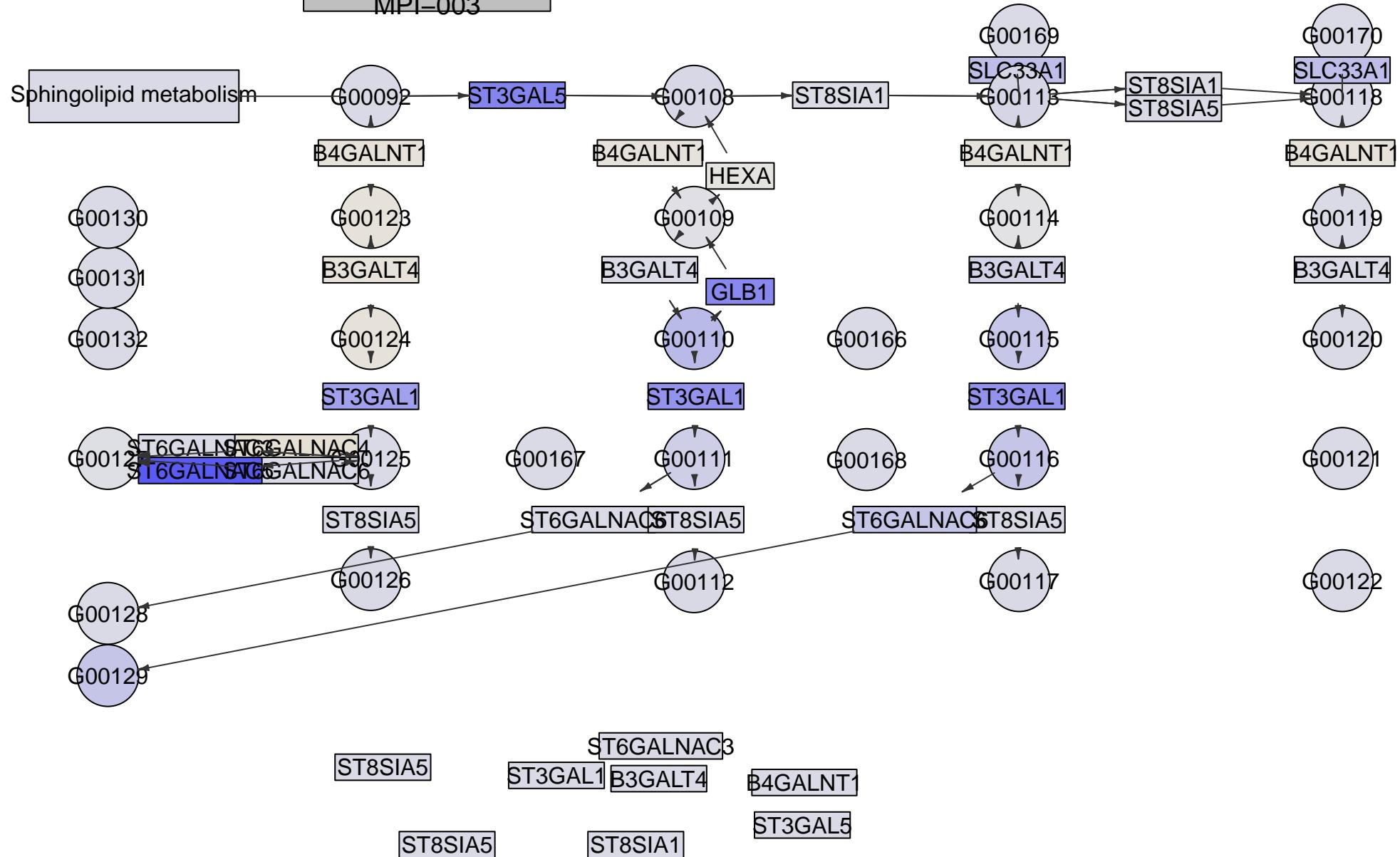
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-001



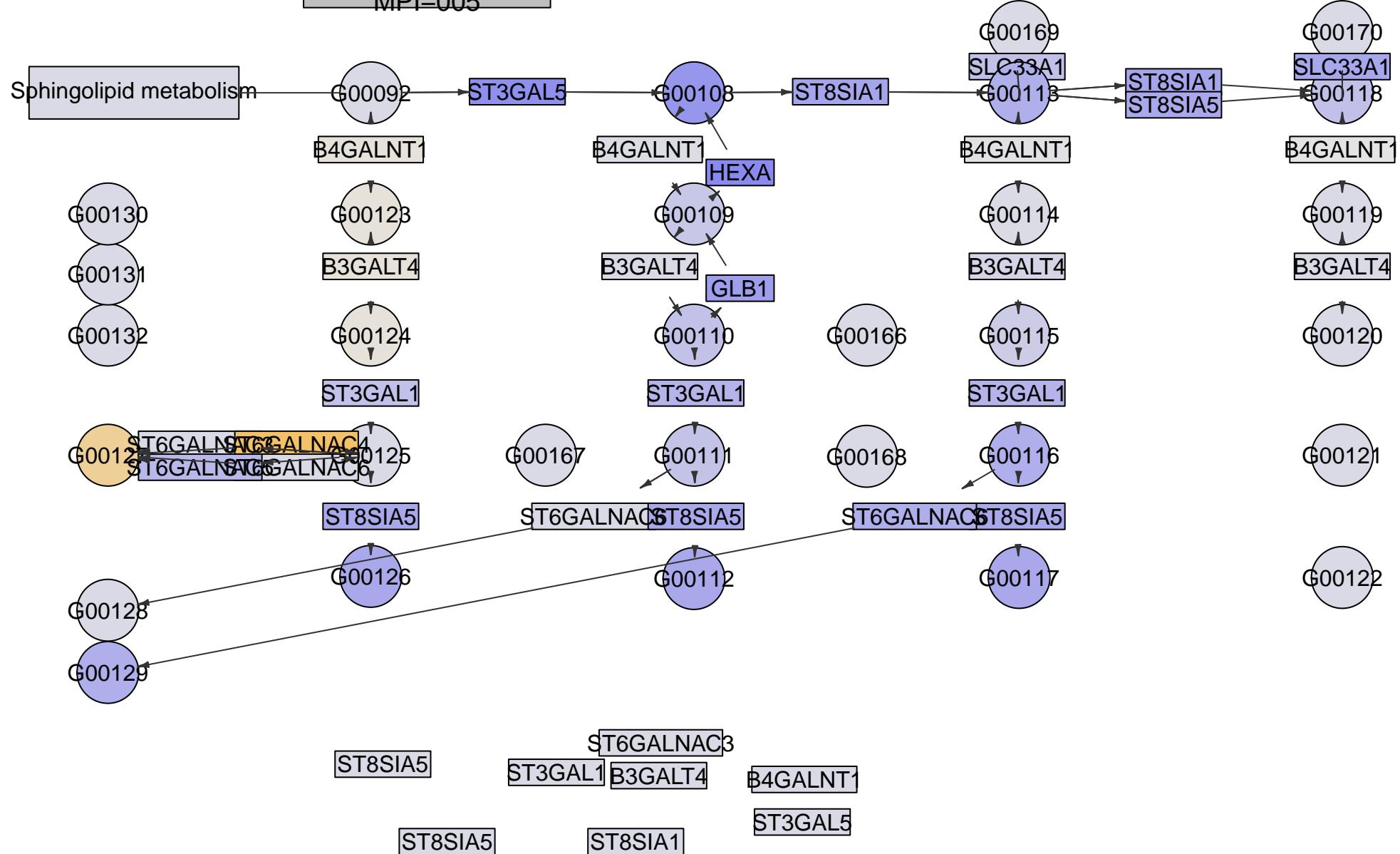
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-002



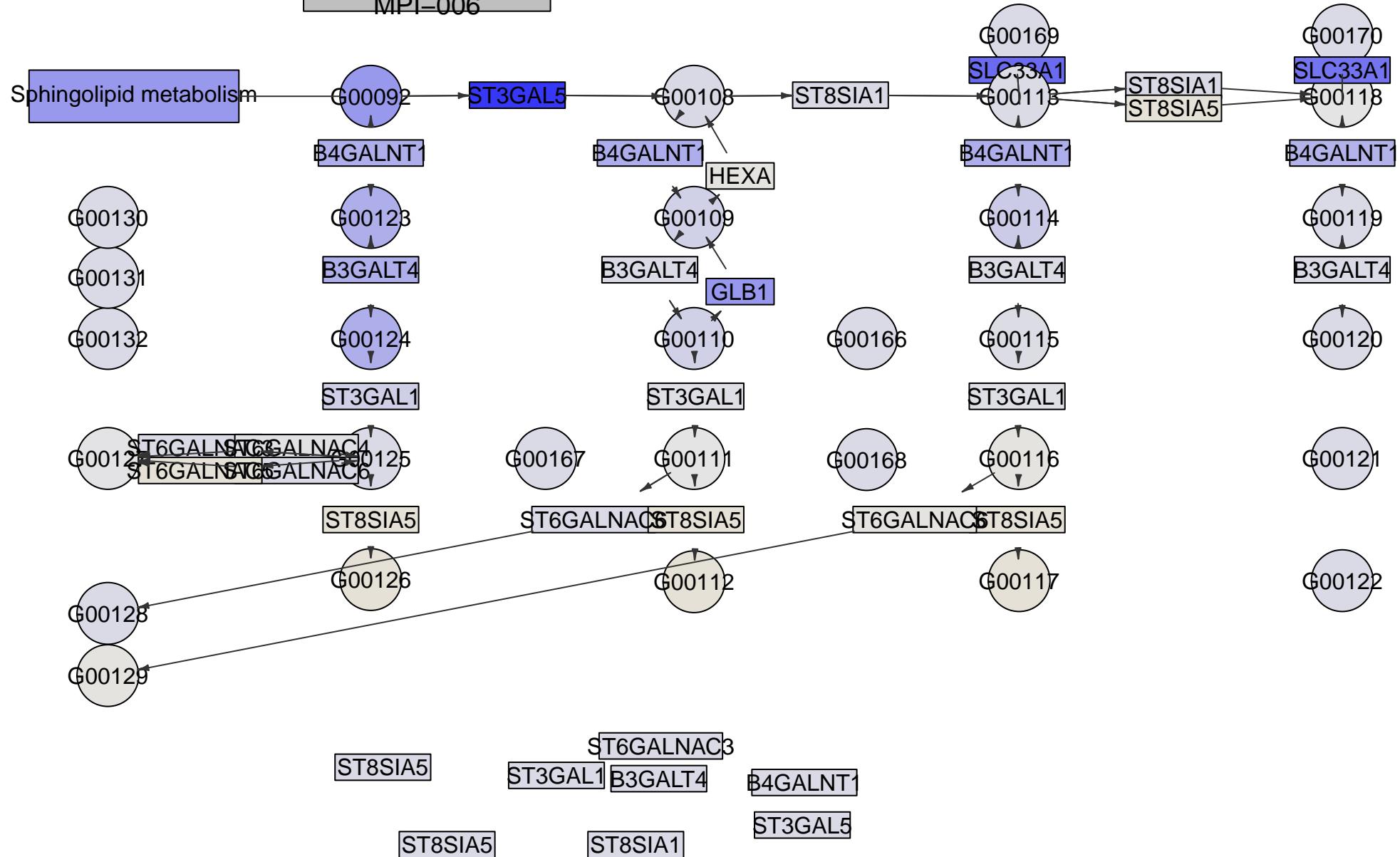
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-003



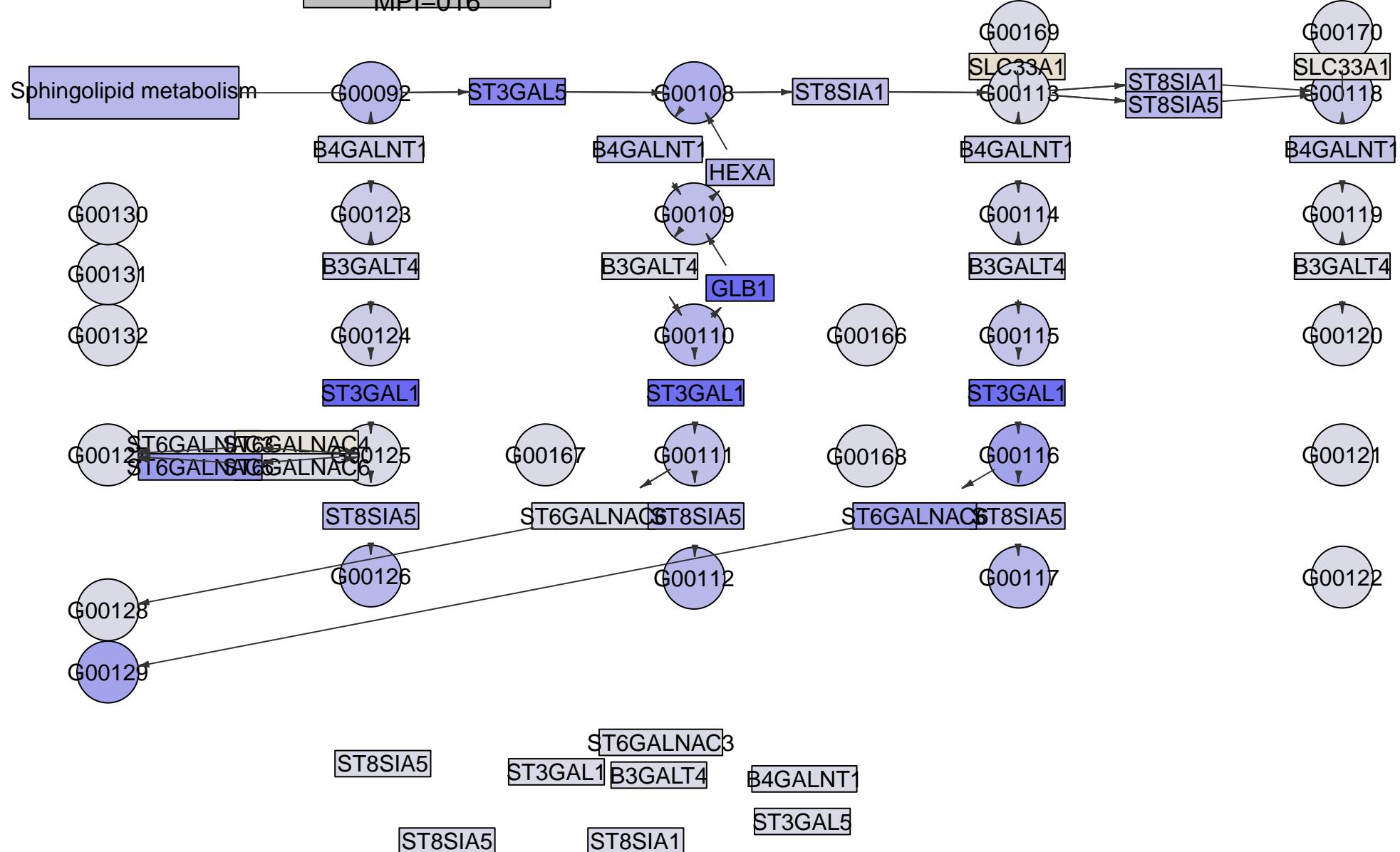
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-005



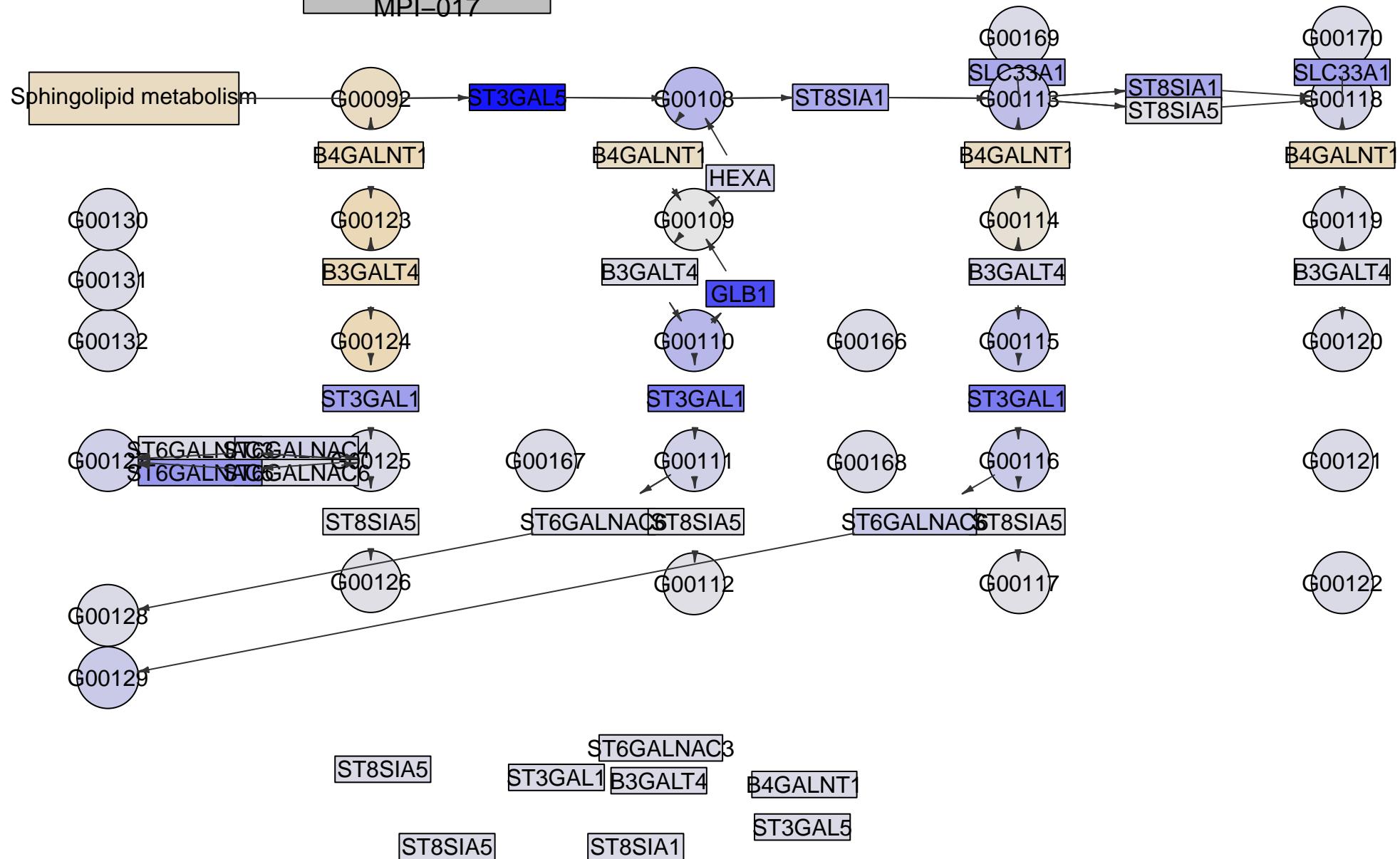
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-006



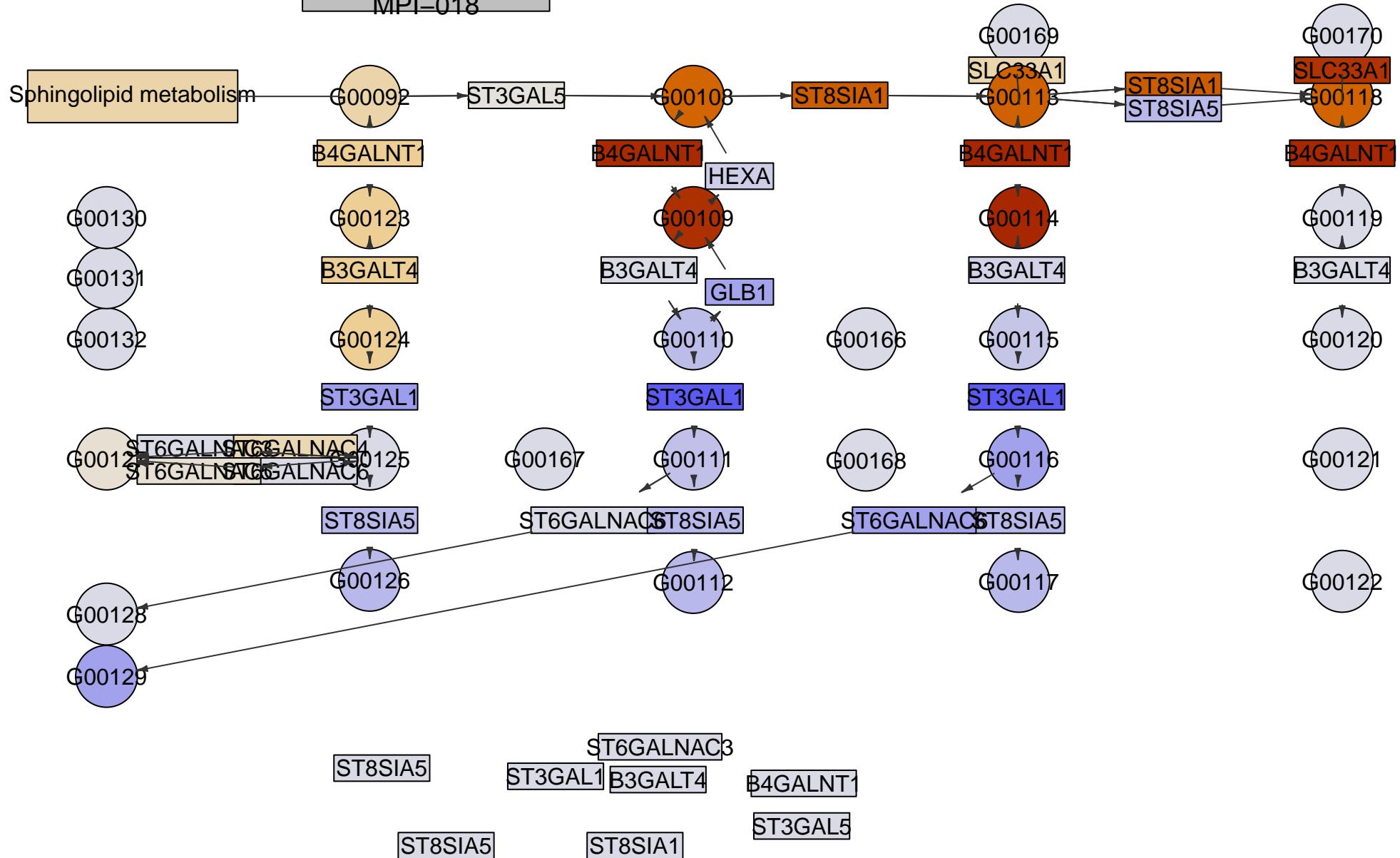
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-016



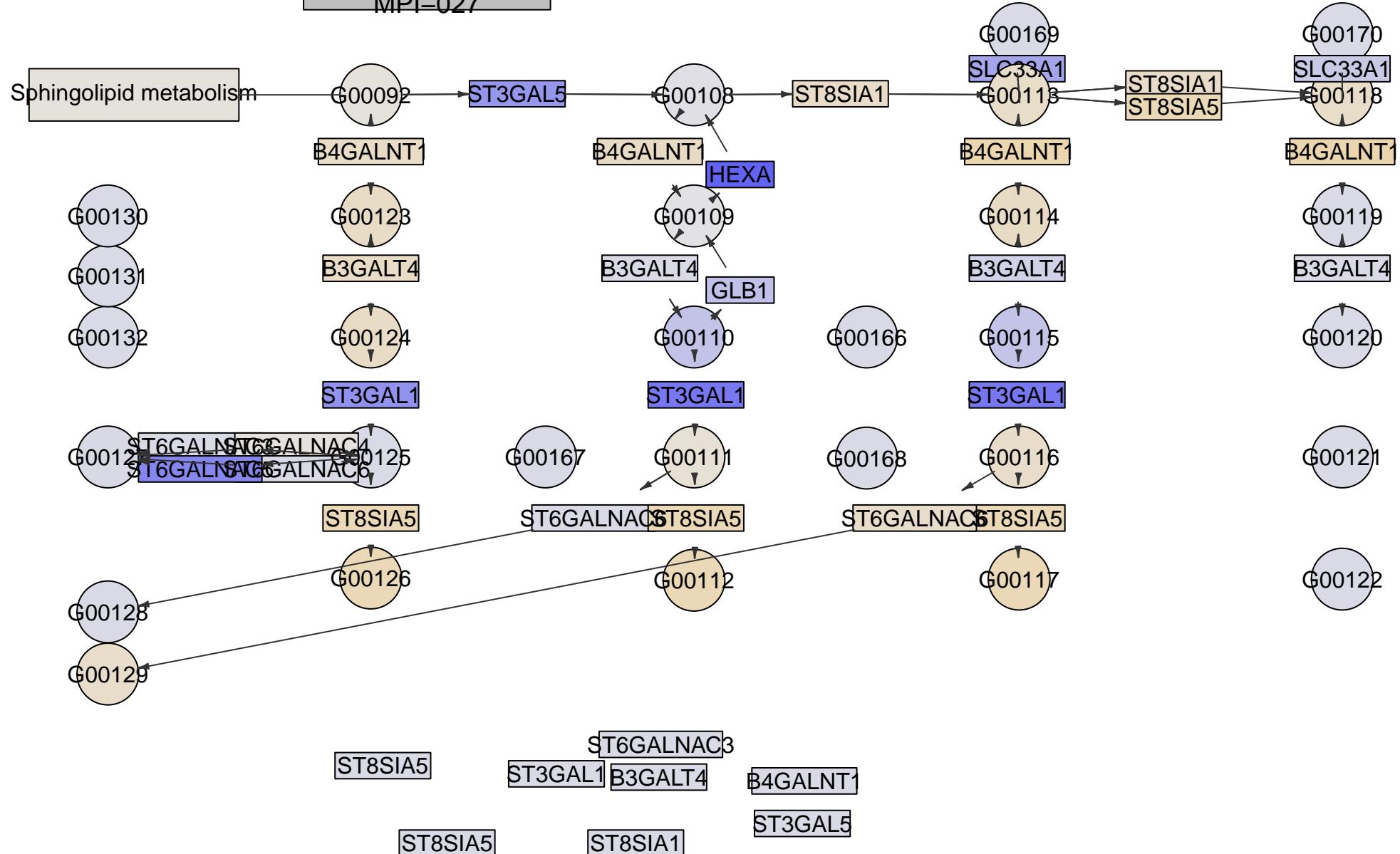
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-017



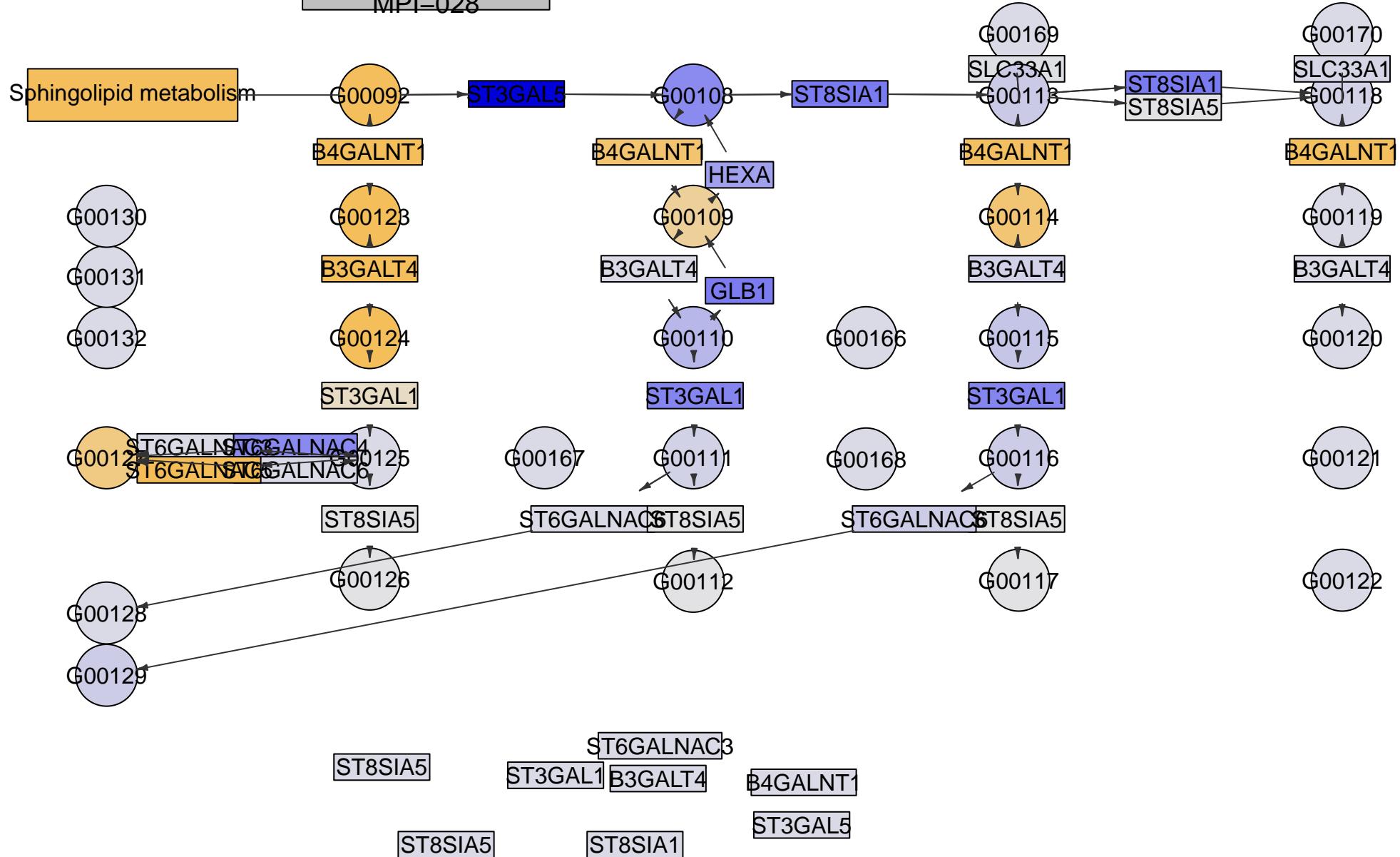
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-018



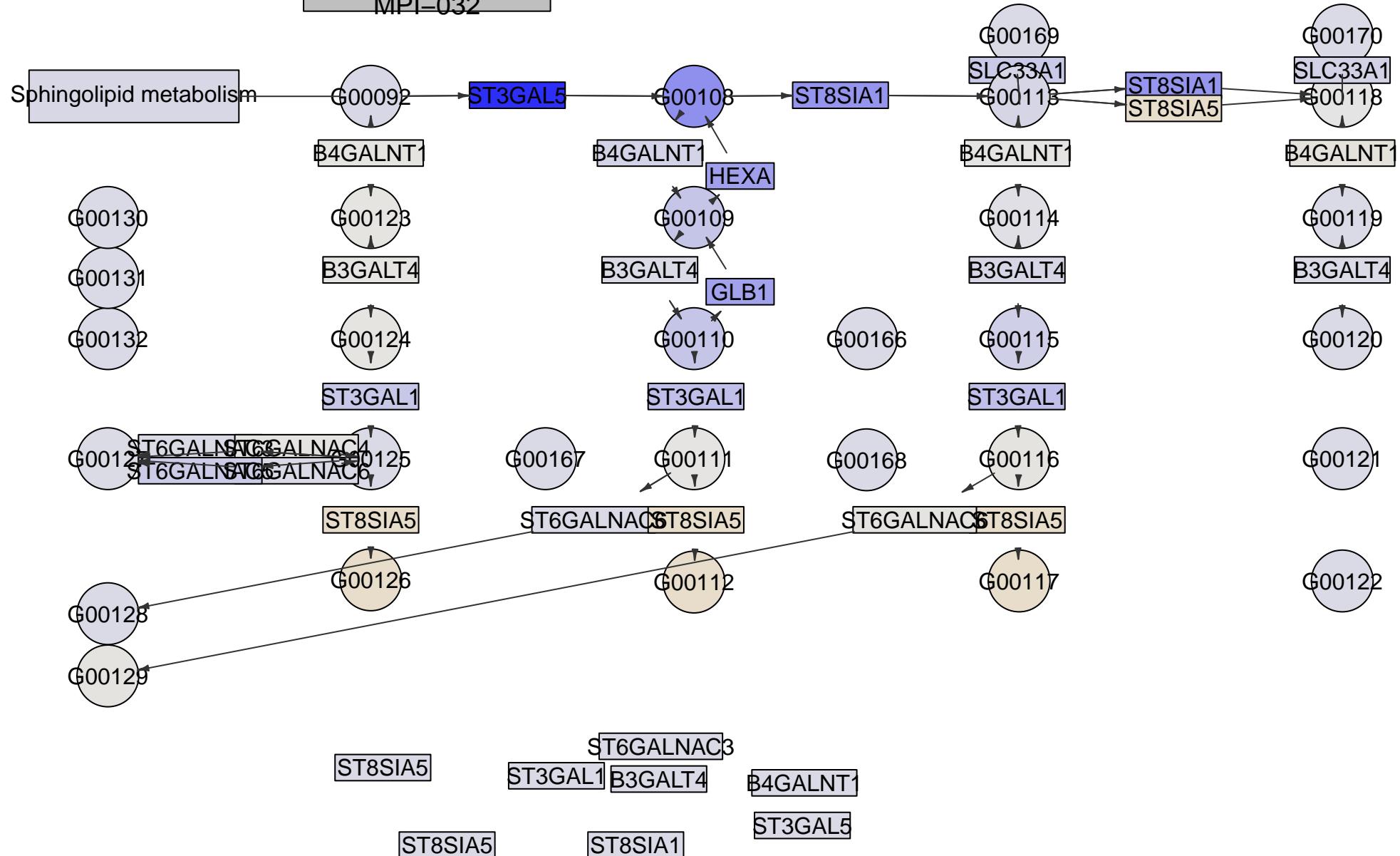
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-027



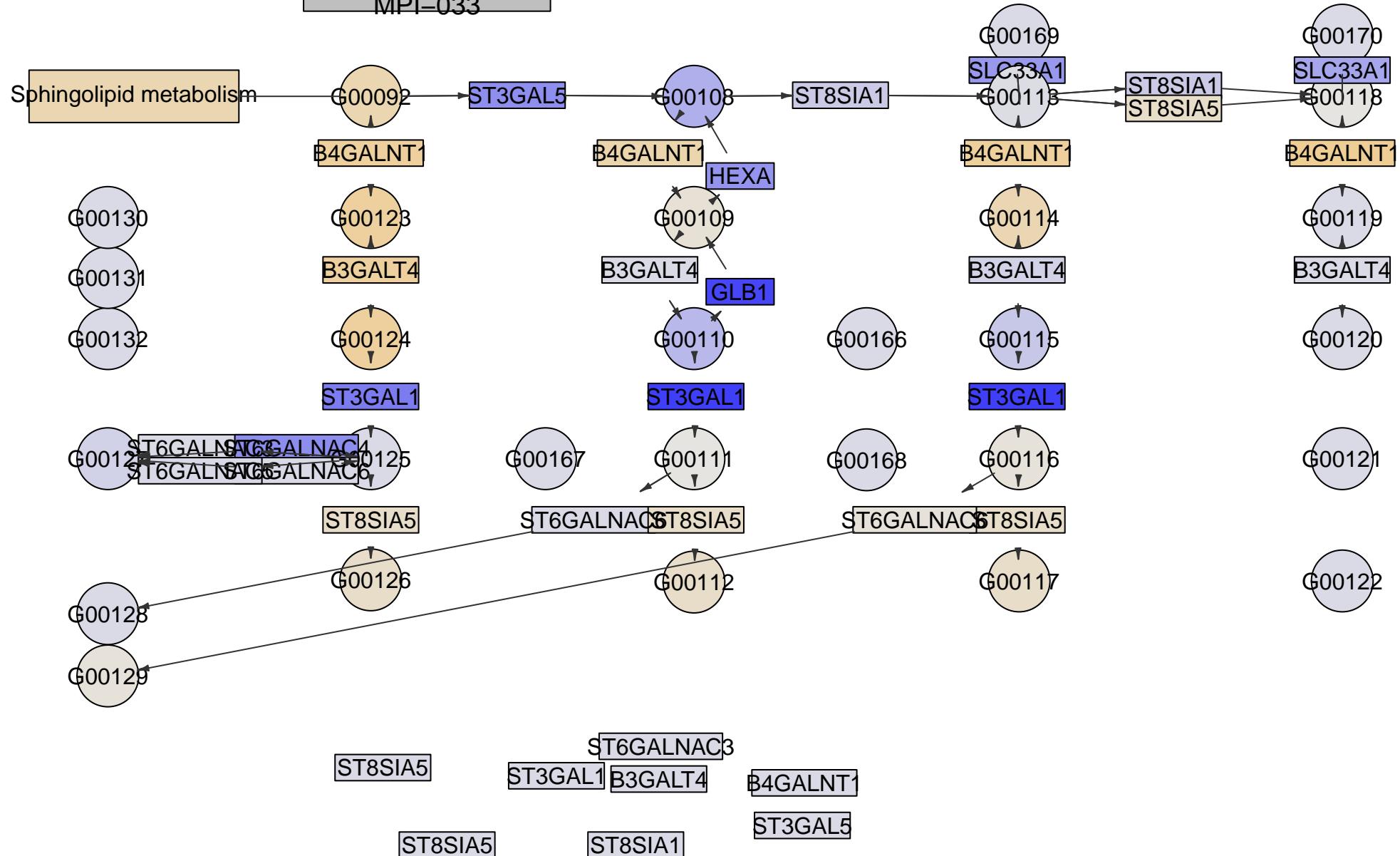
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-028



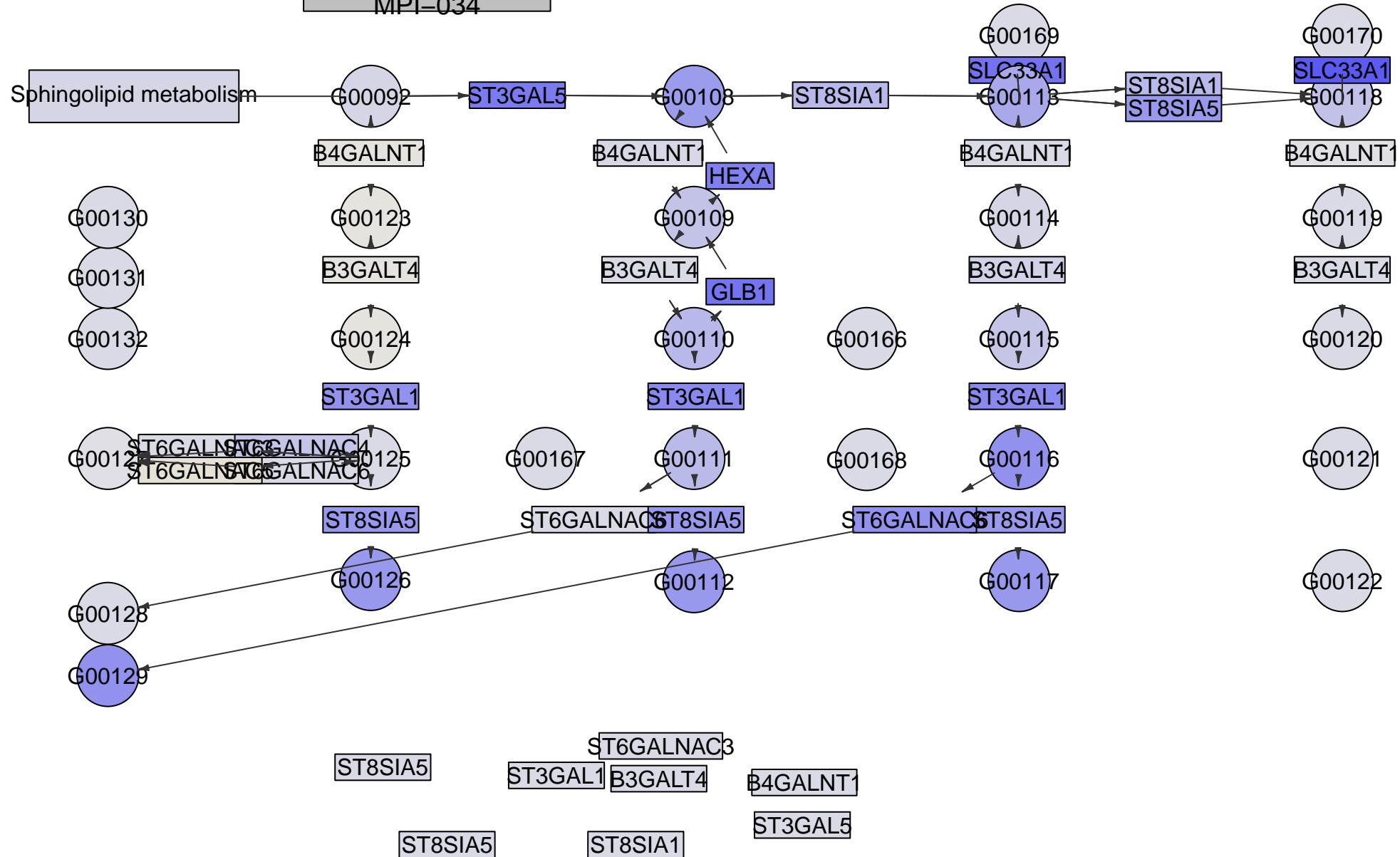
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-032



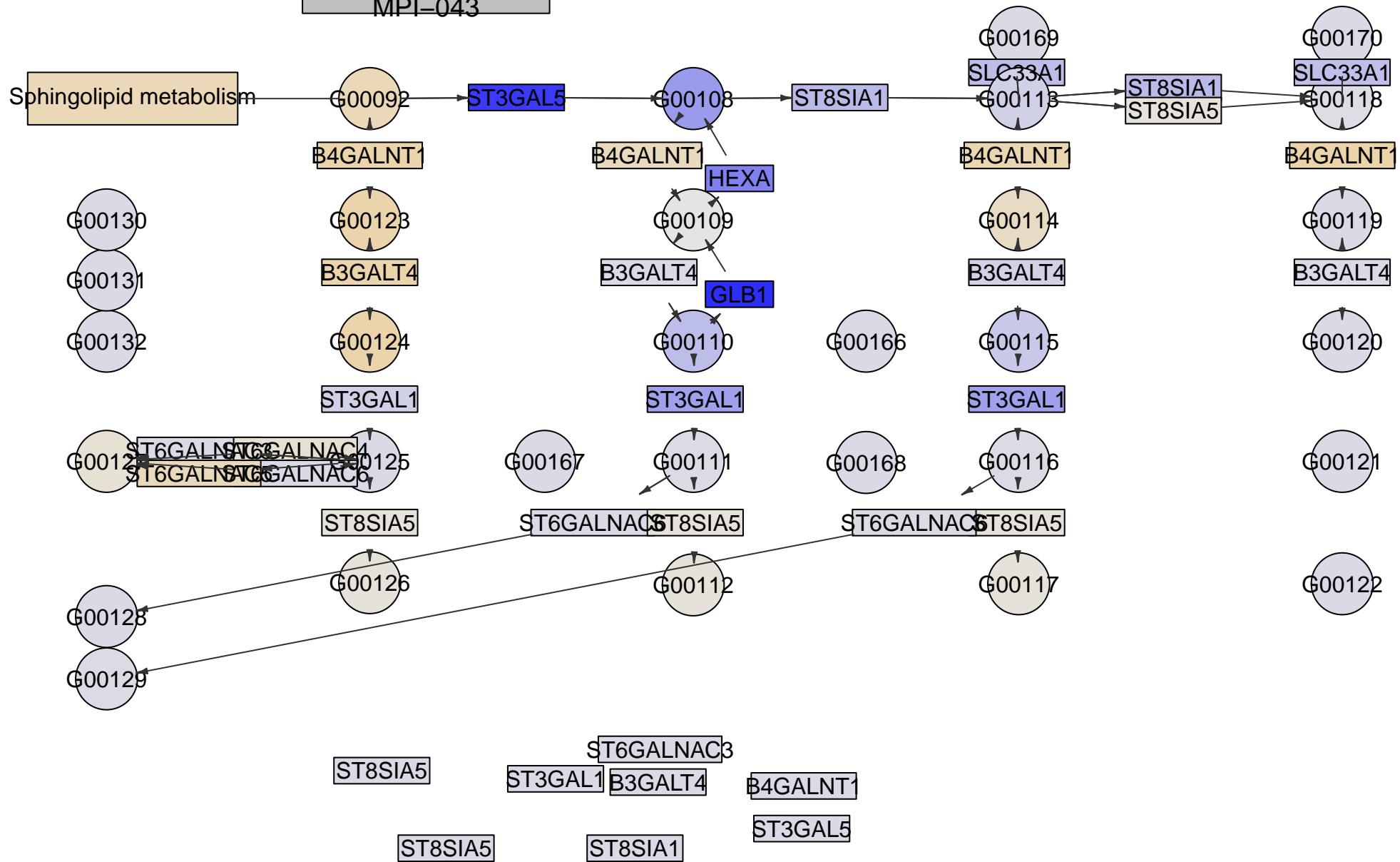
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-033



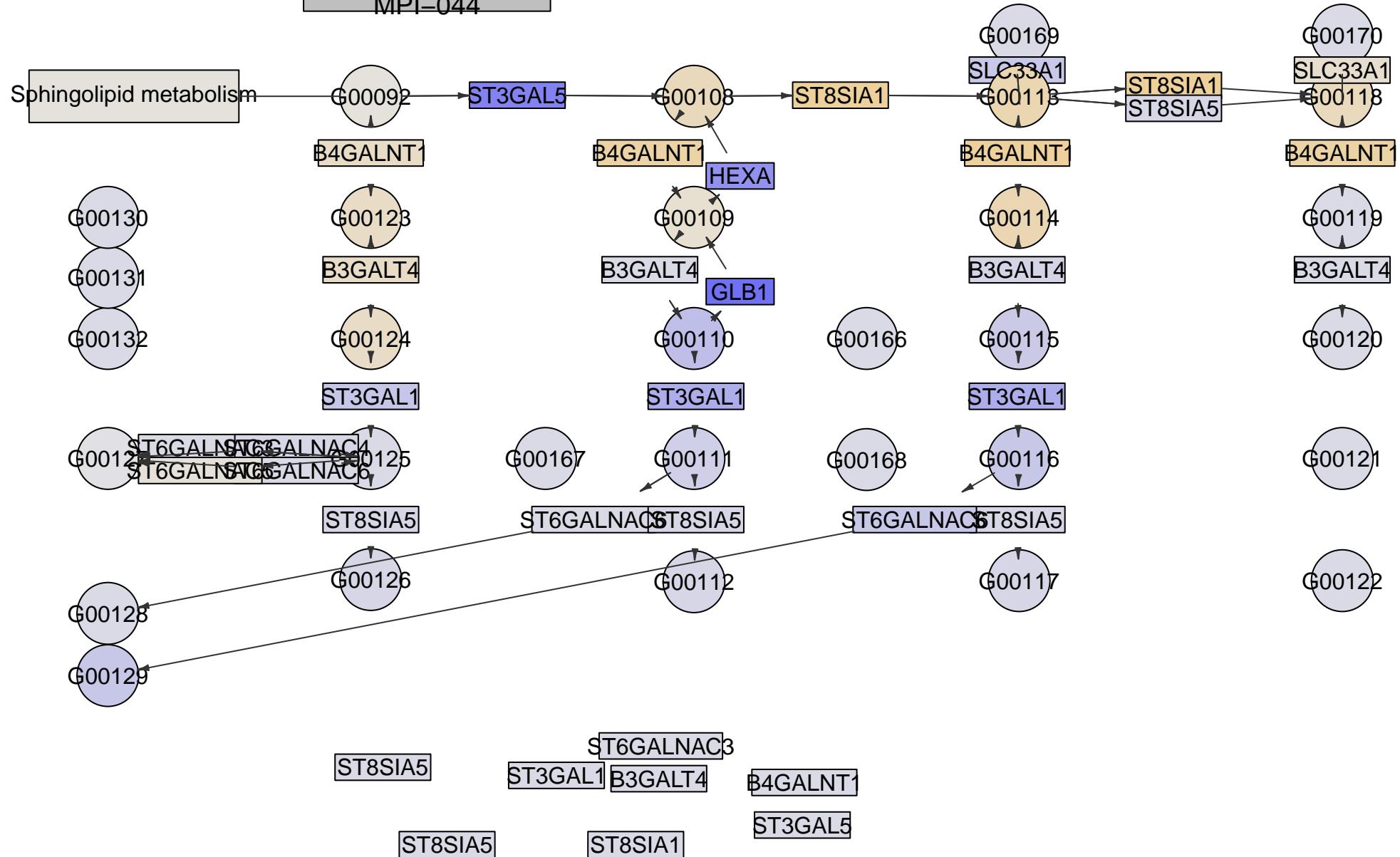
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-034



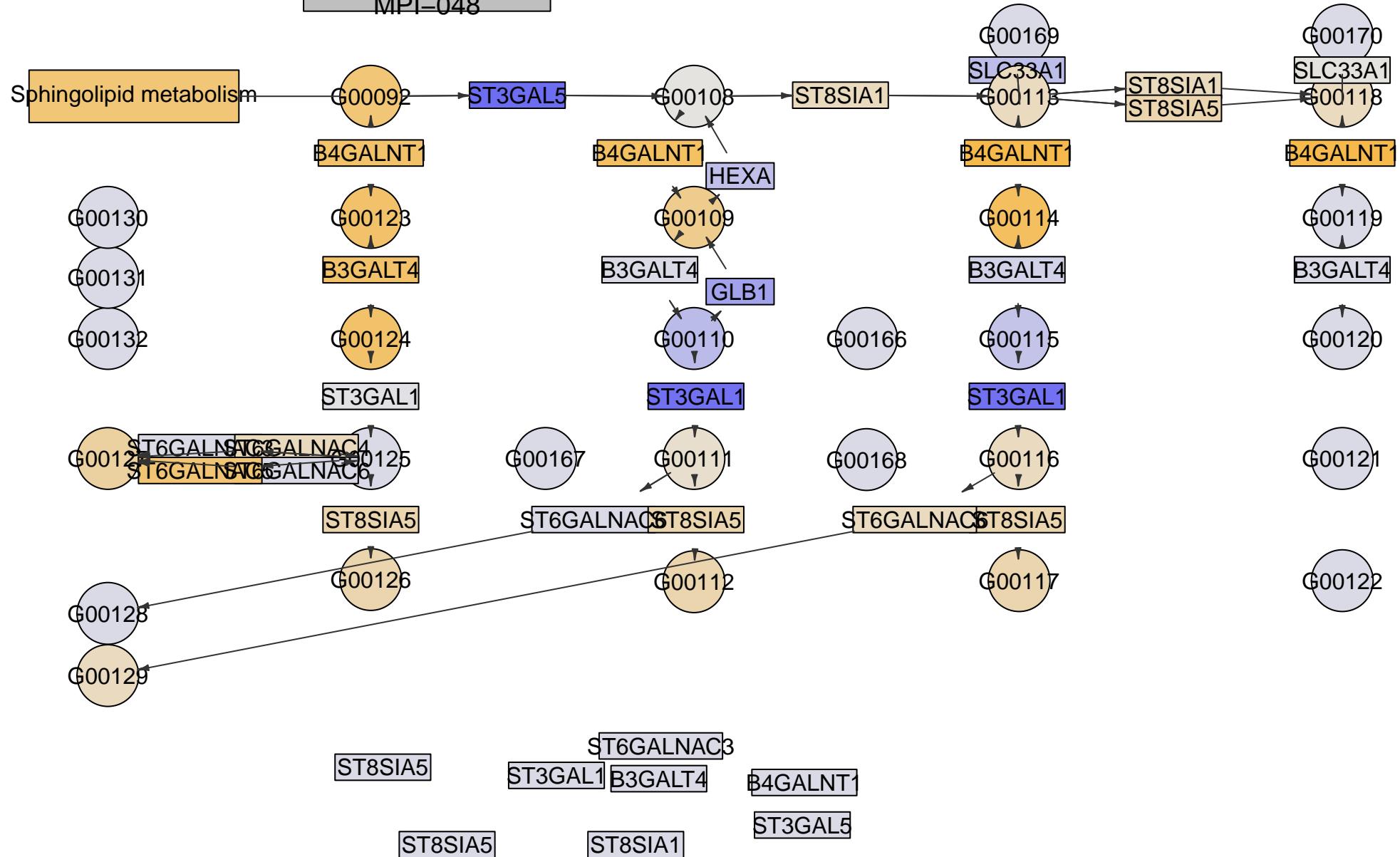
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-043



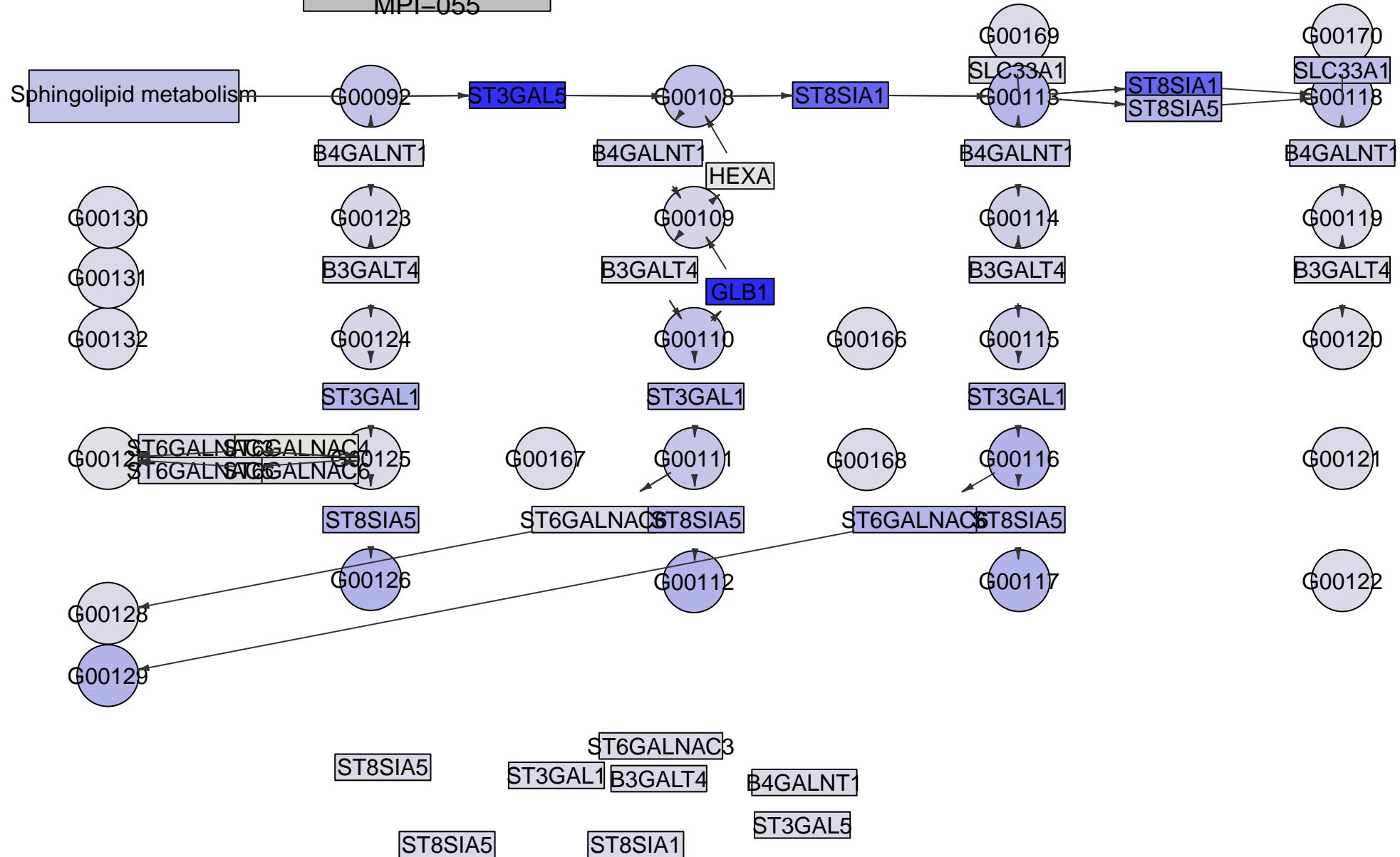
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-044



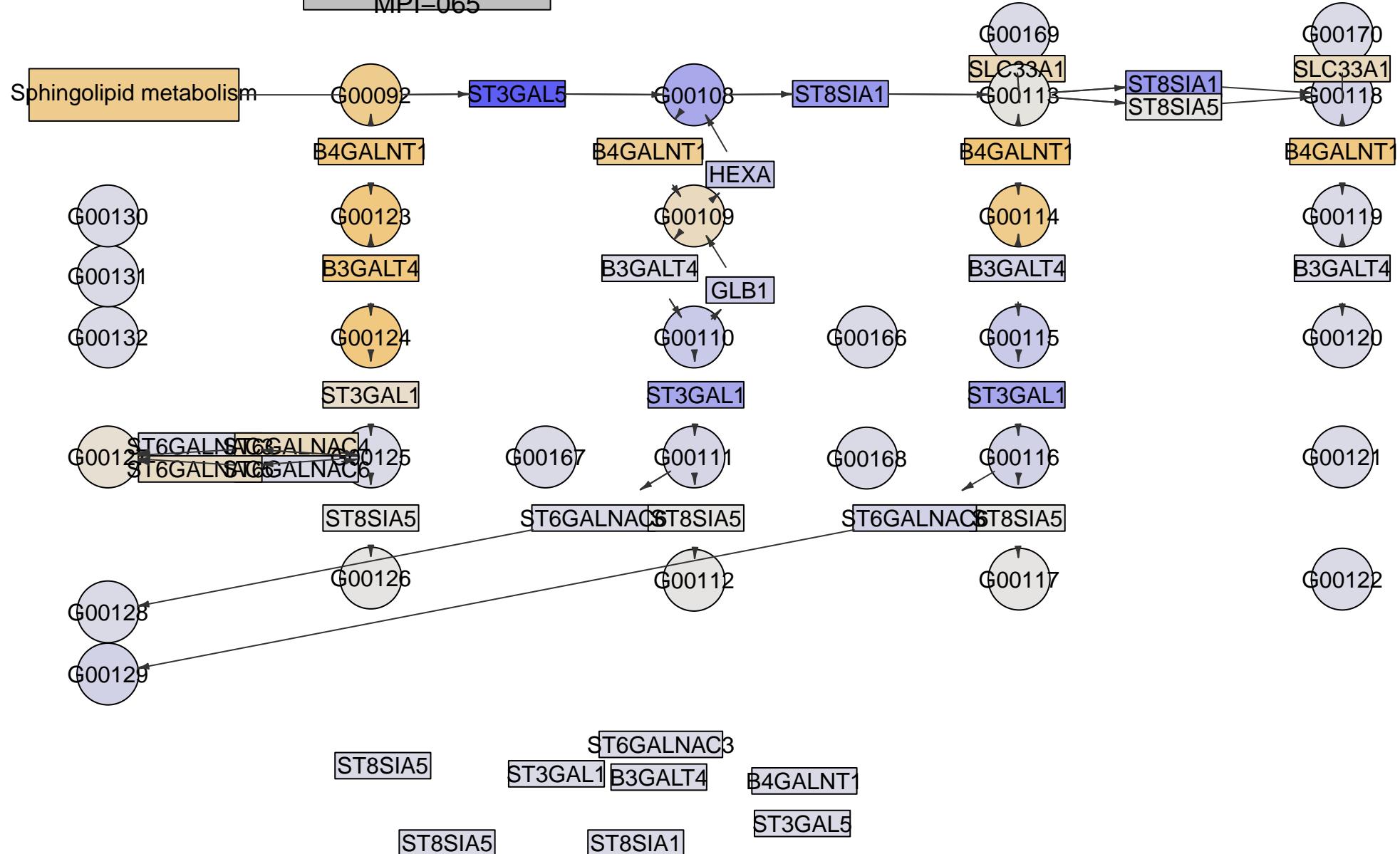
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-048



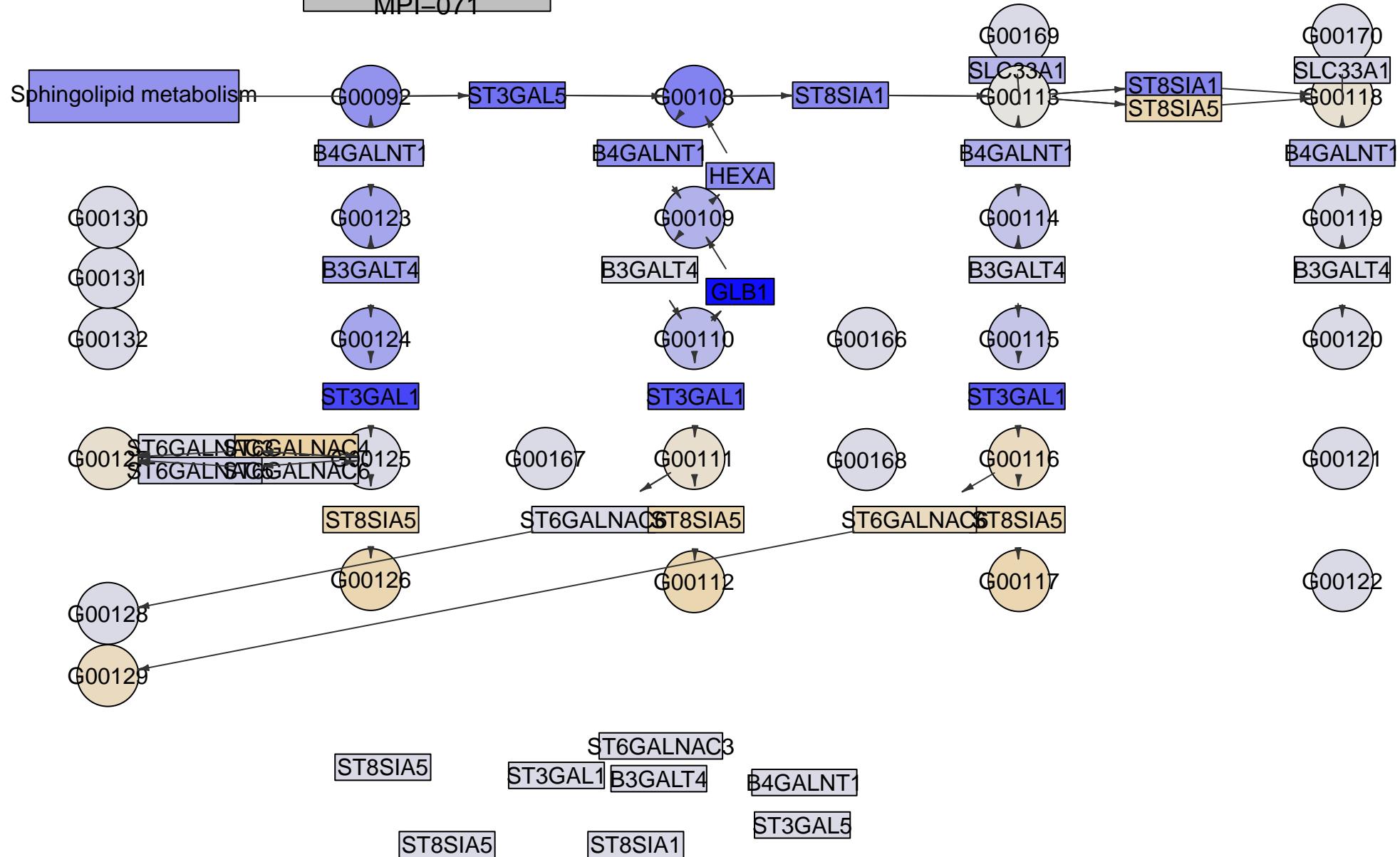
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-055



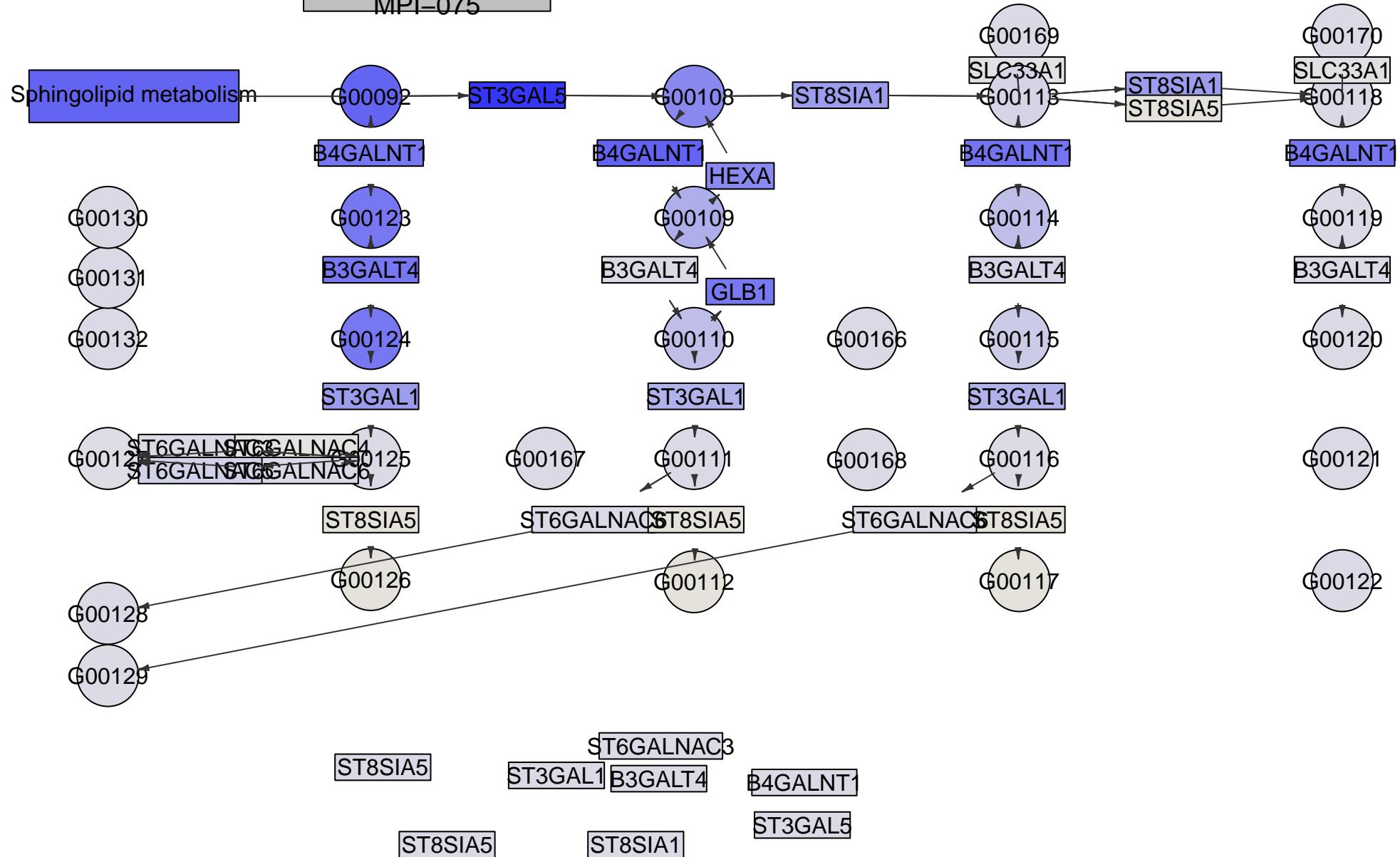
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-065



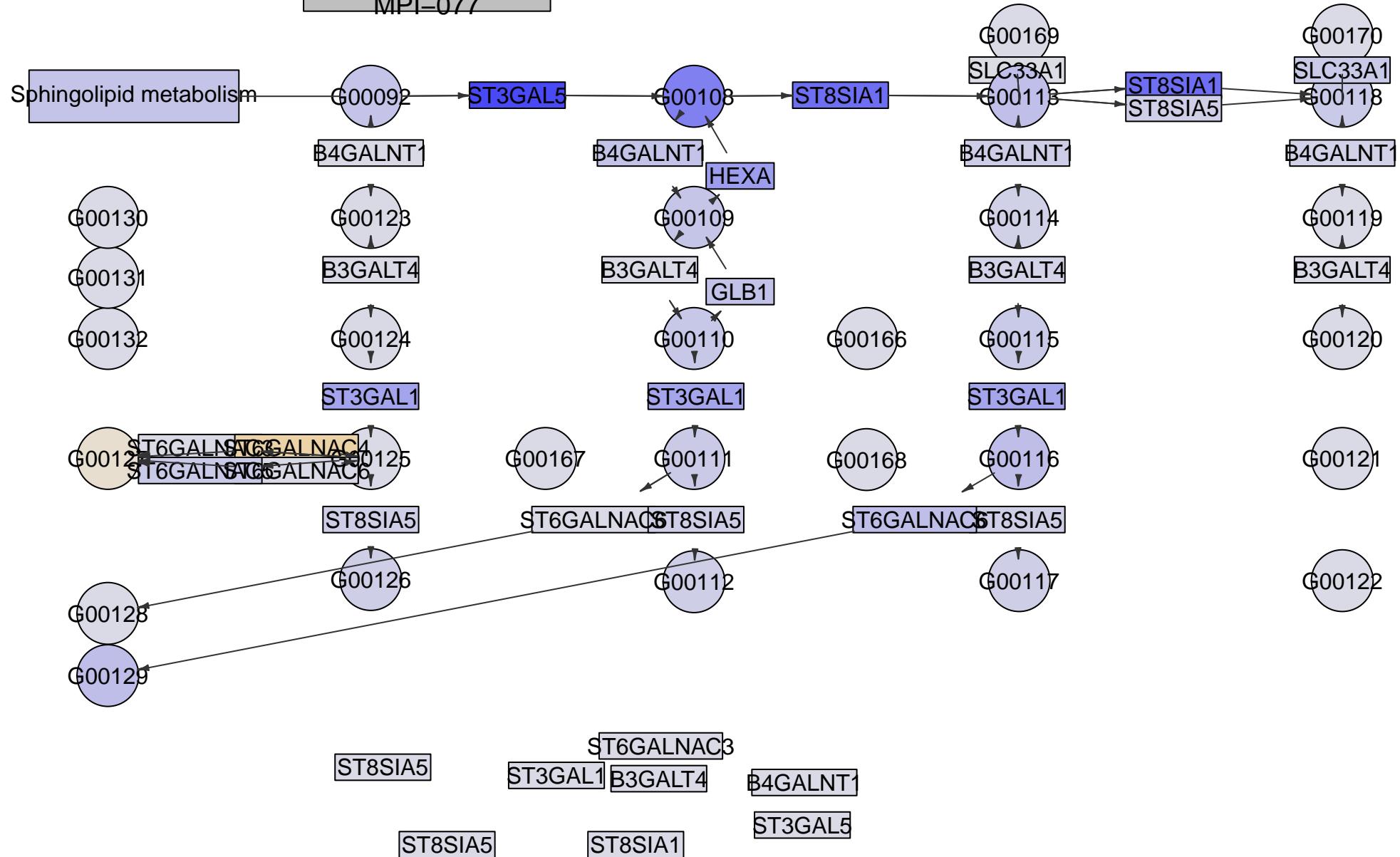
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-071



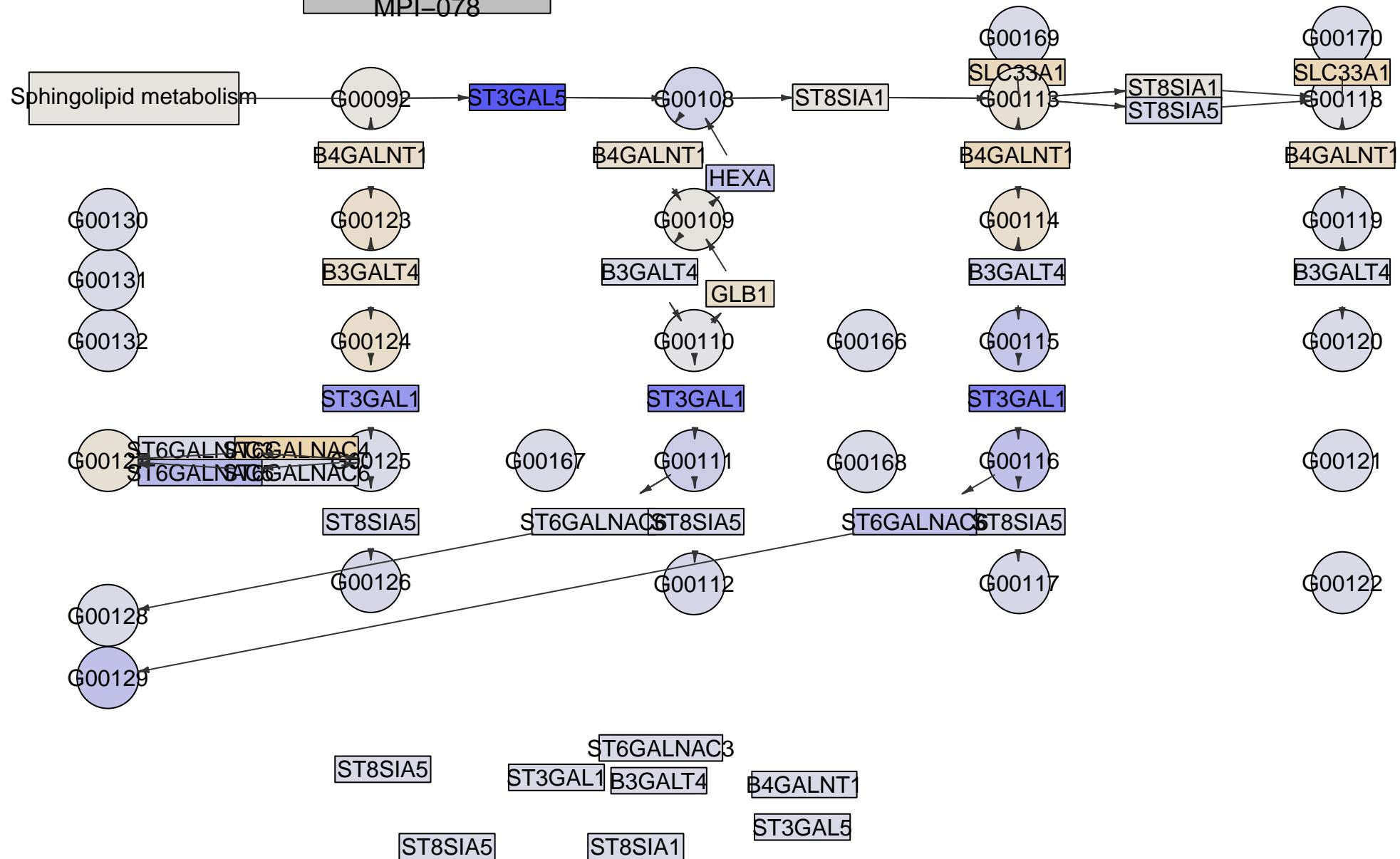
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-075



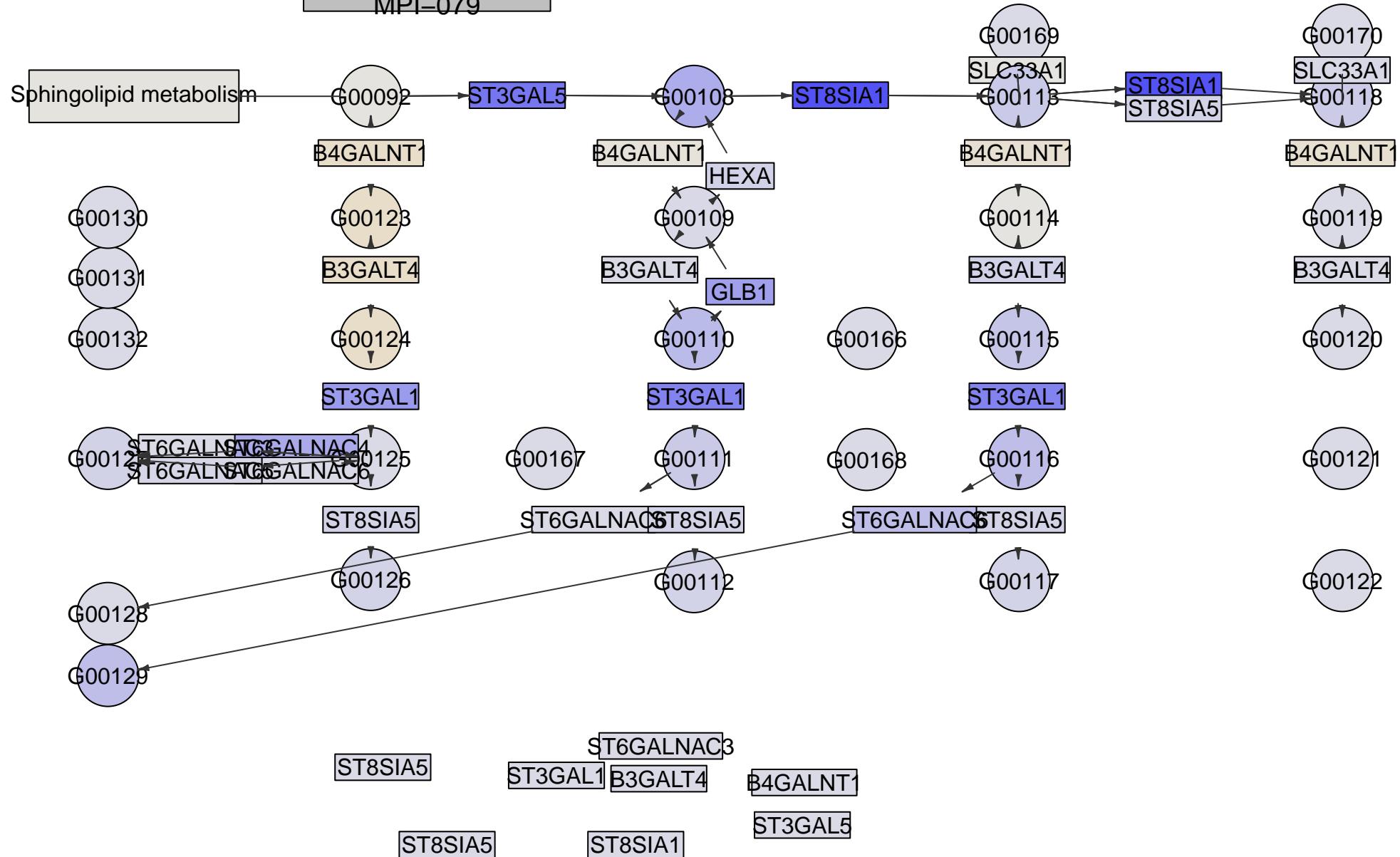
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-077



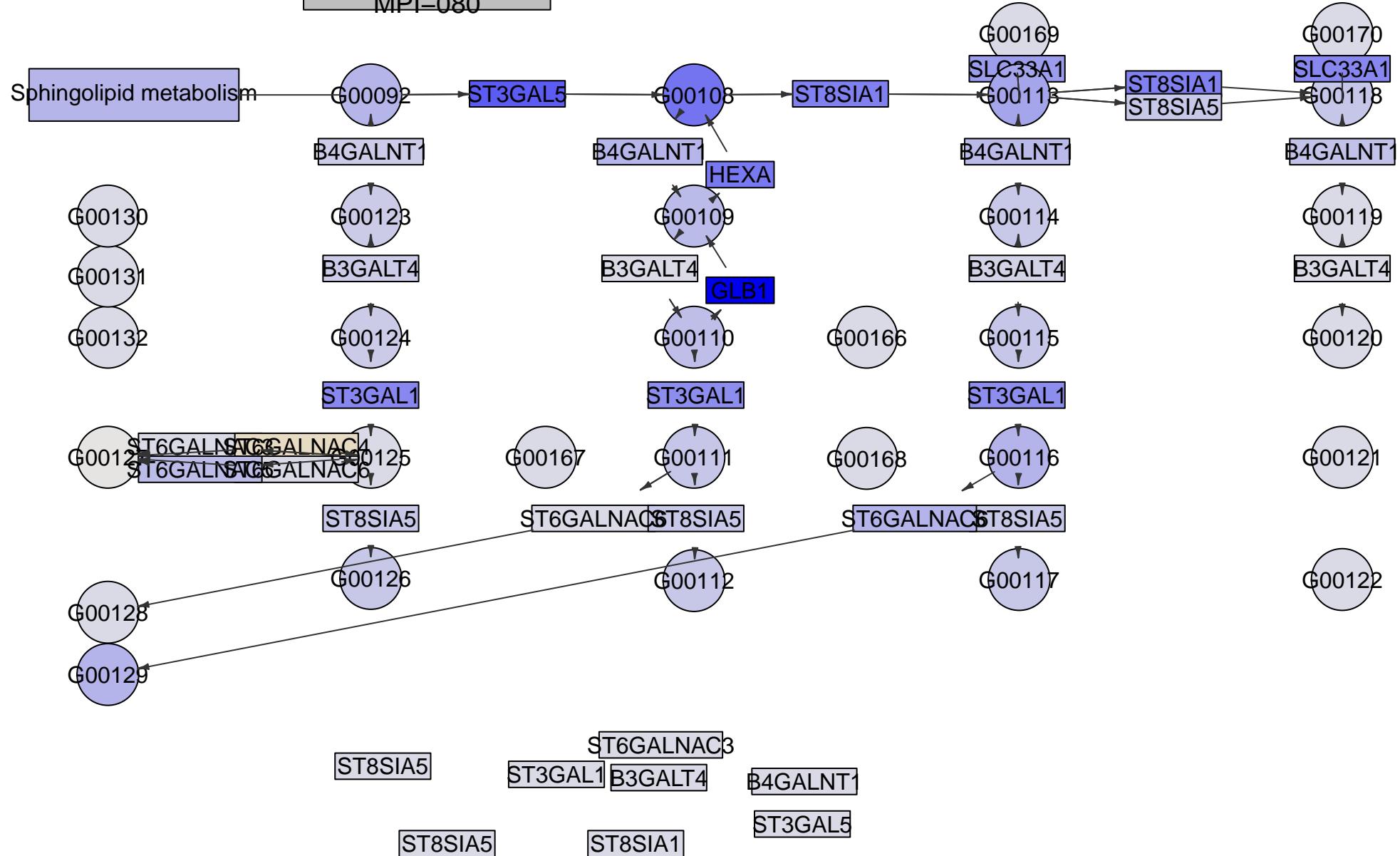
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-078



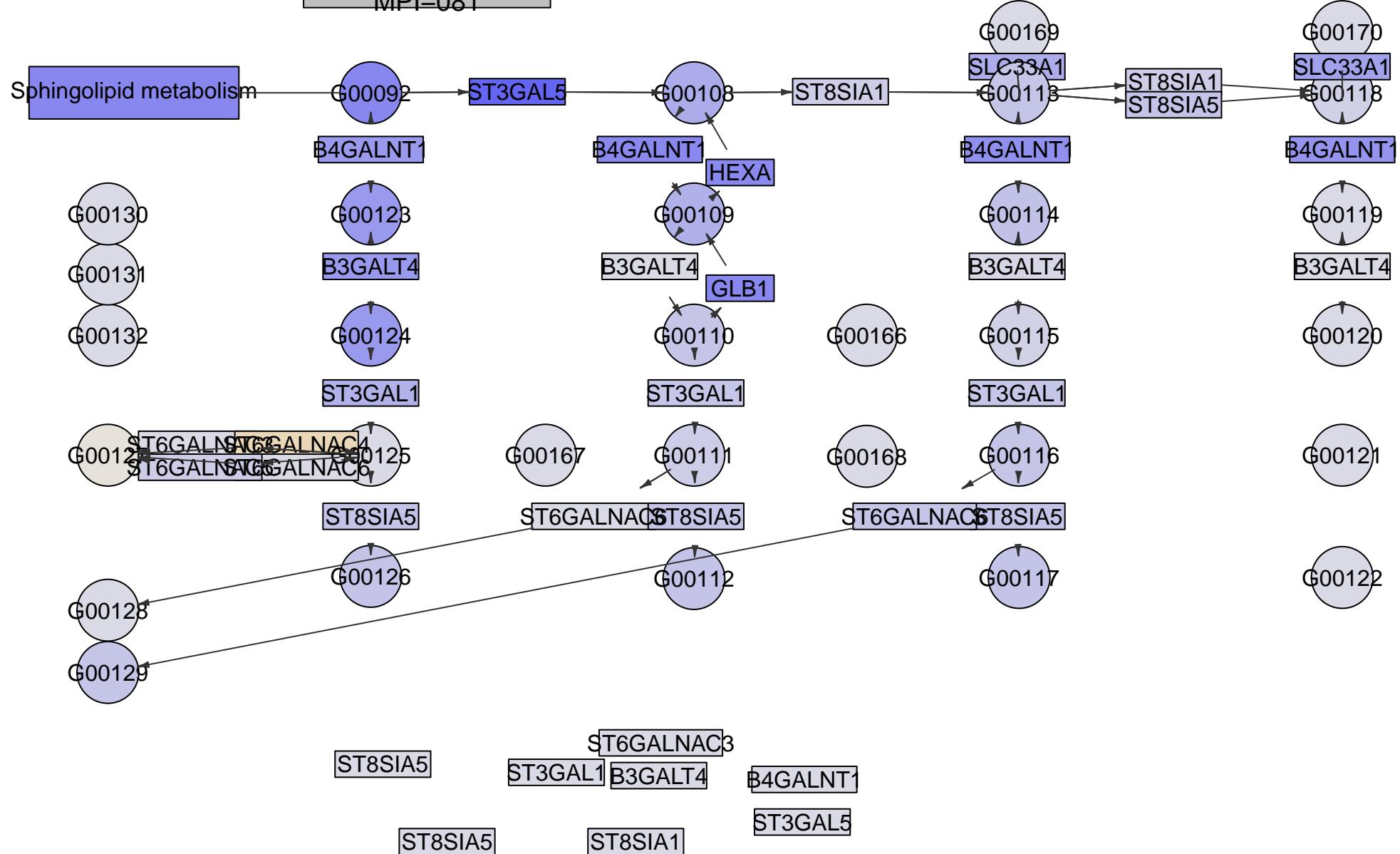
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-079



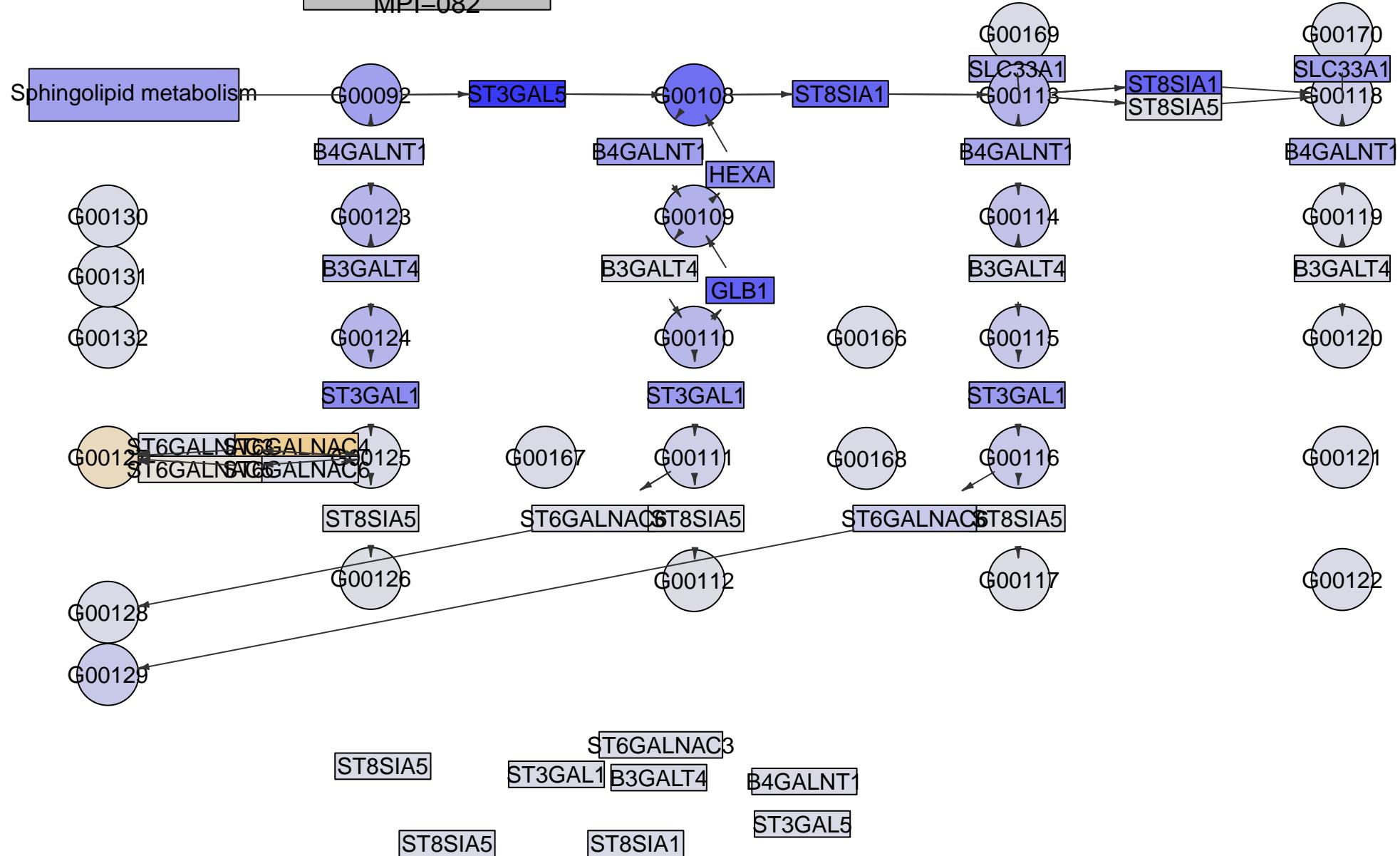
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-080



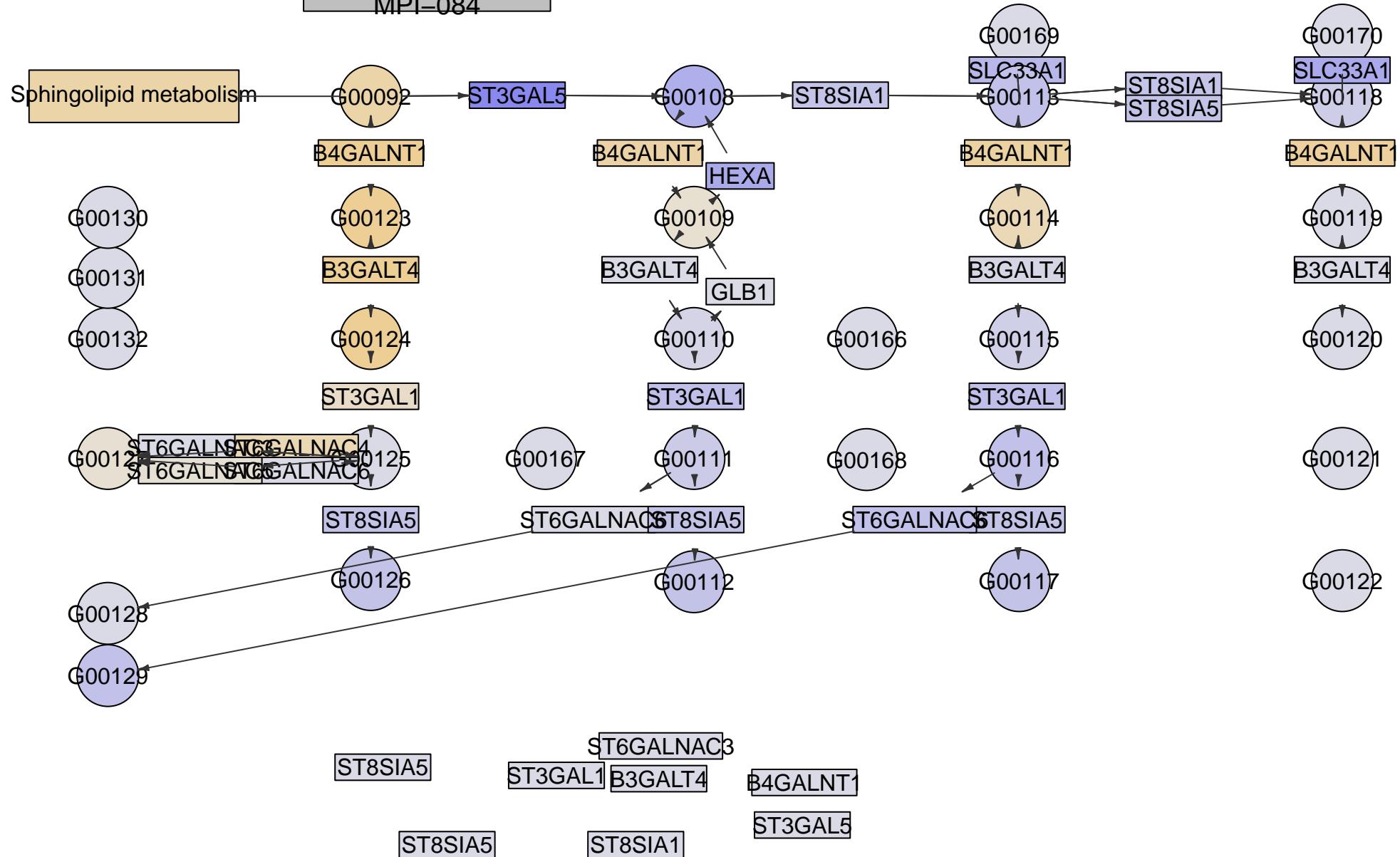
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-081



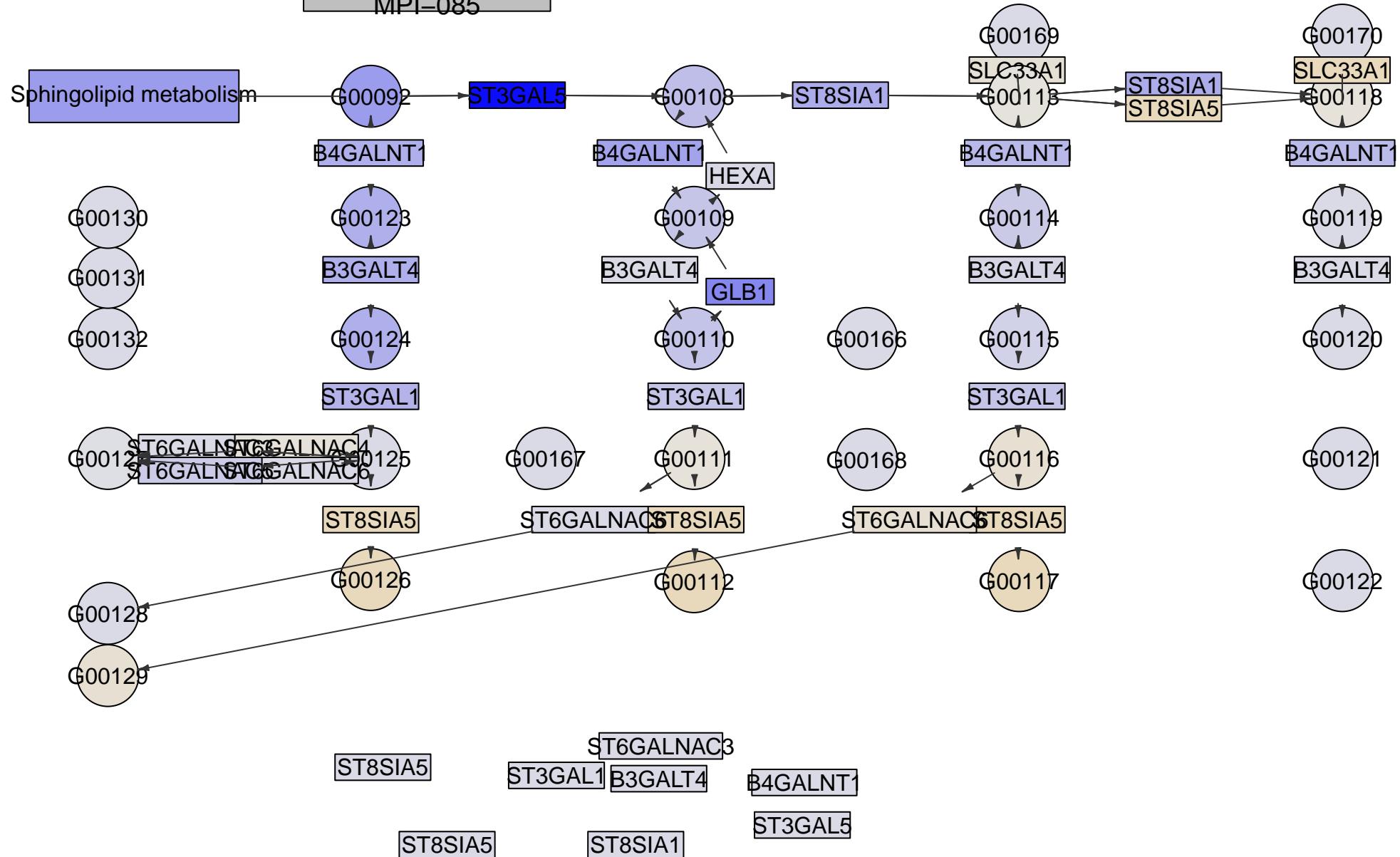
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-082



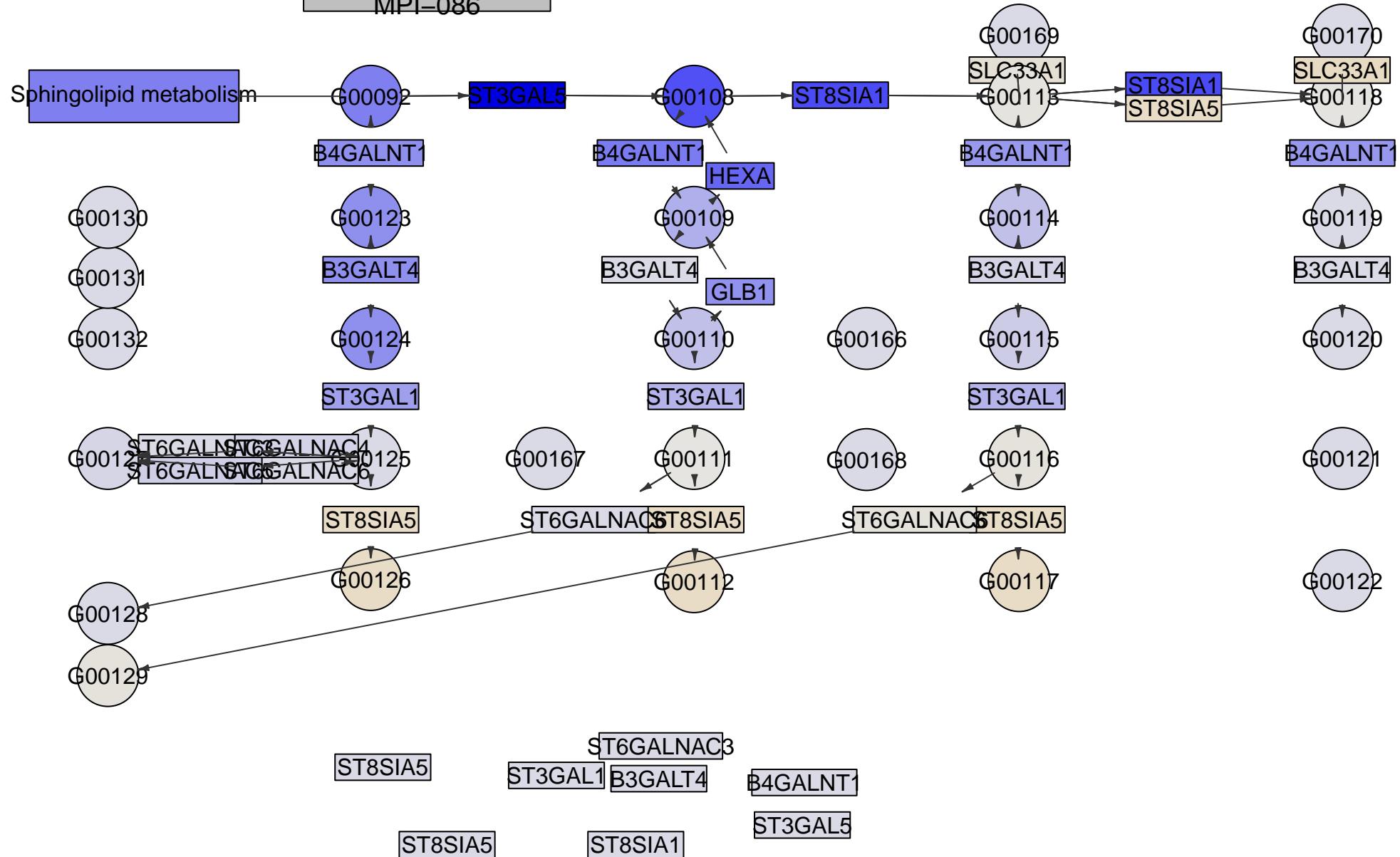
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-084



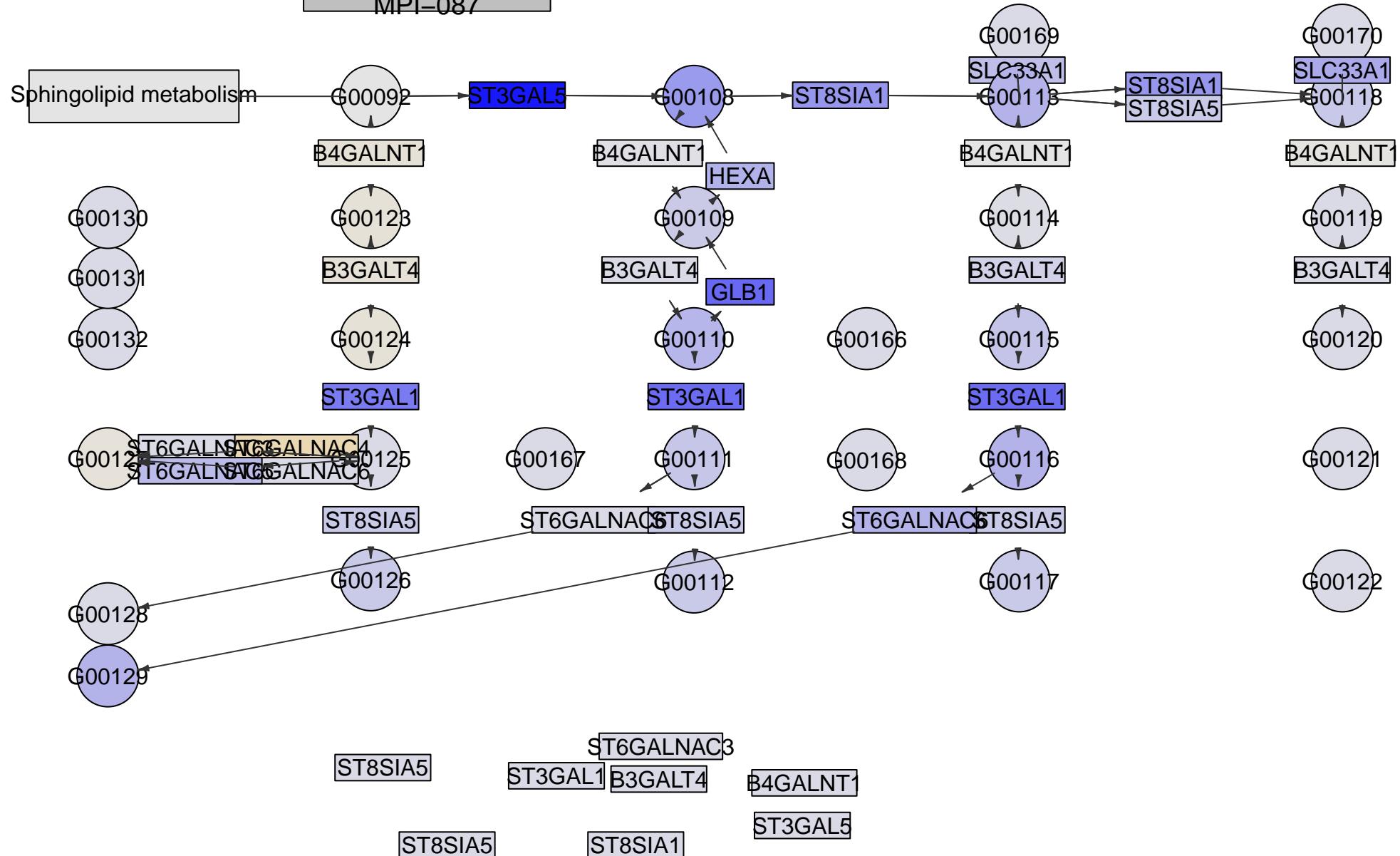
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-085



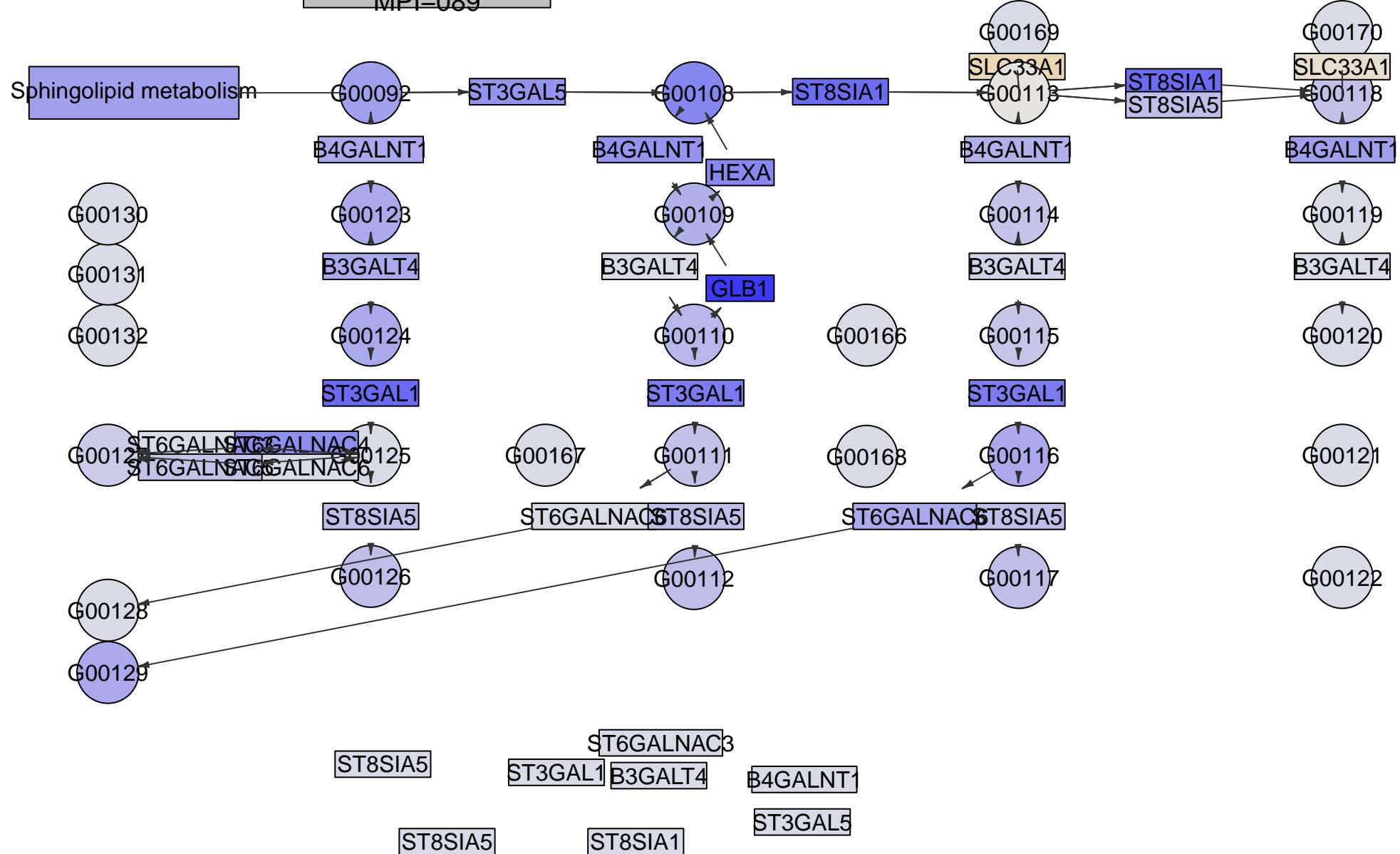
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-086



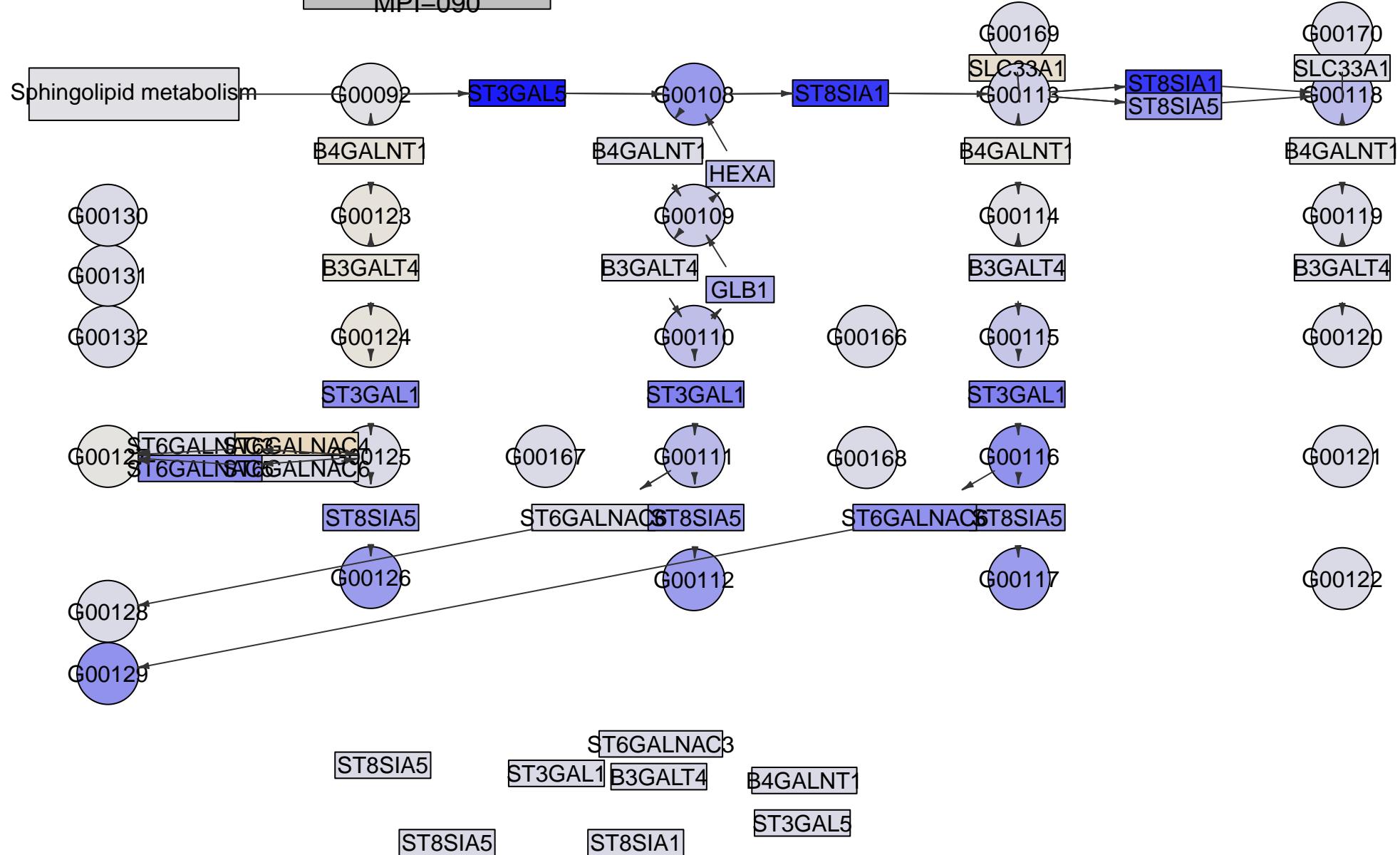
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-087



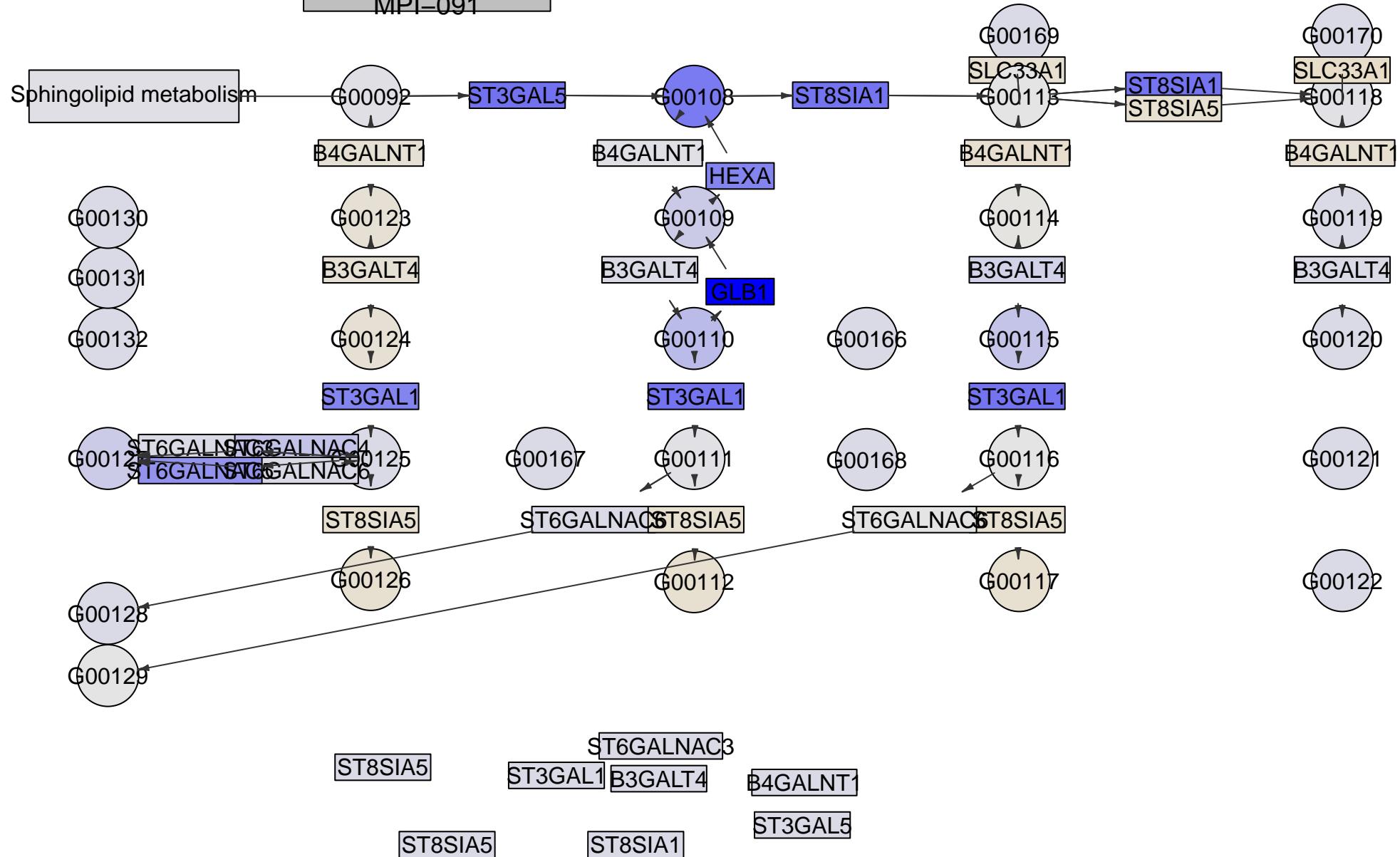
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-089



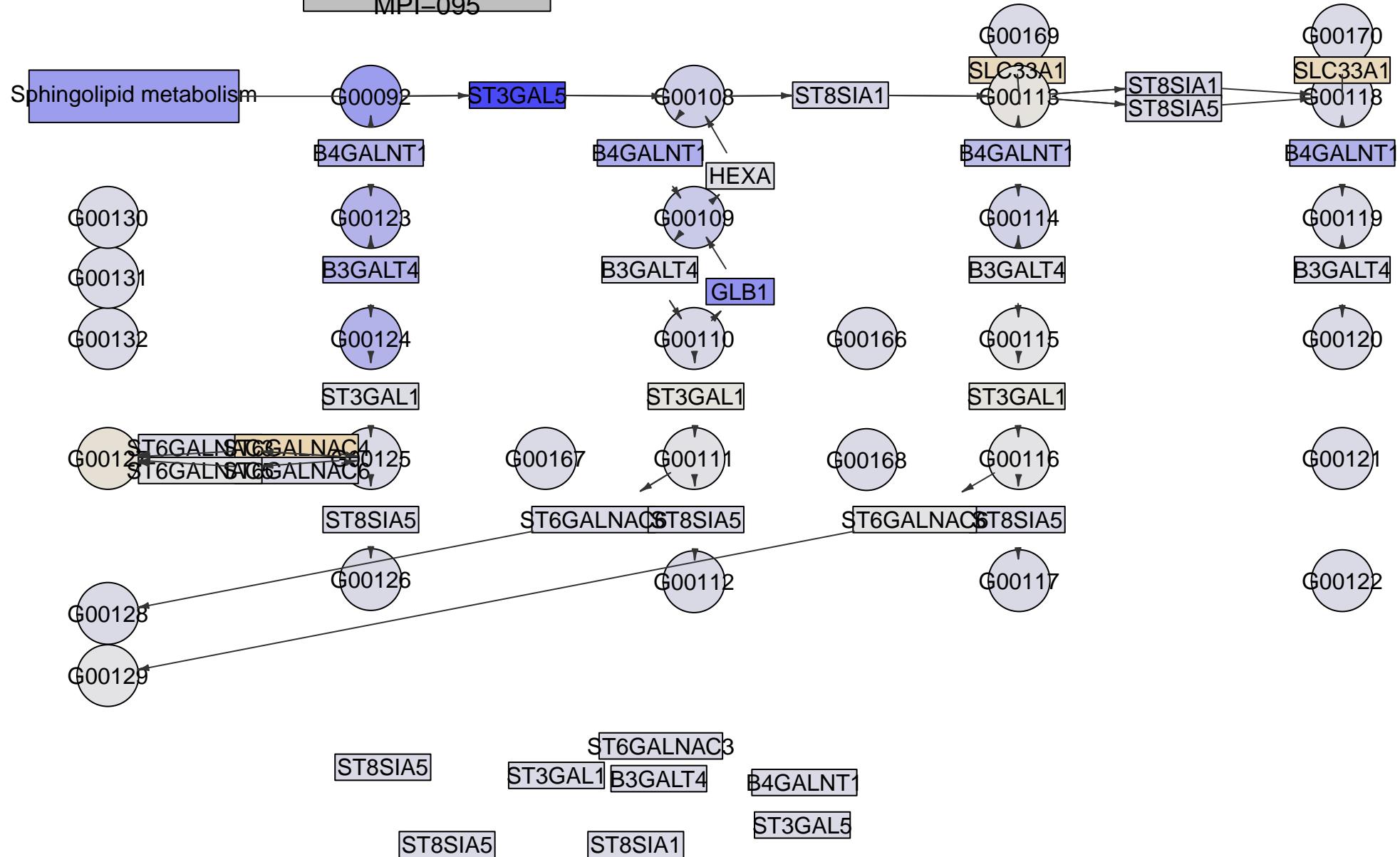
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-090



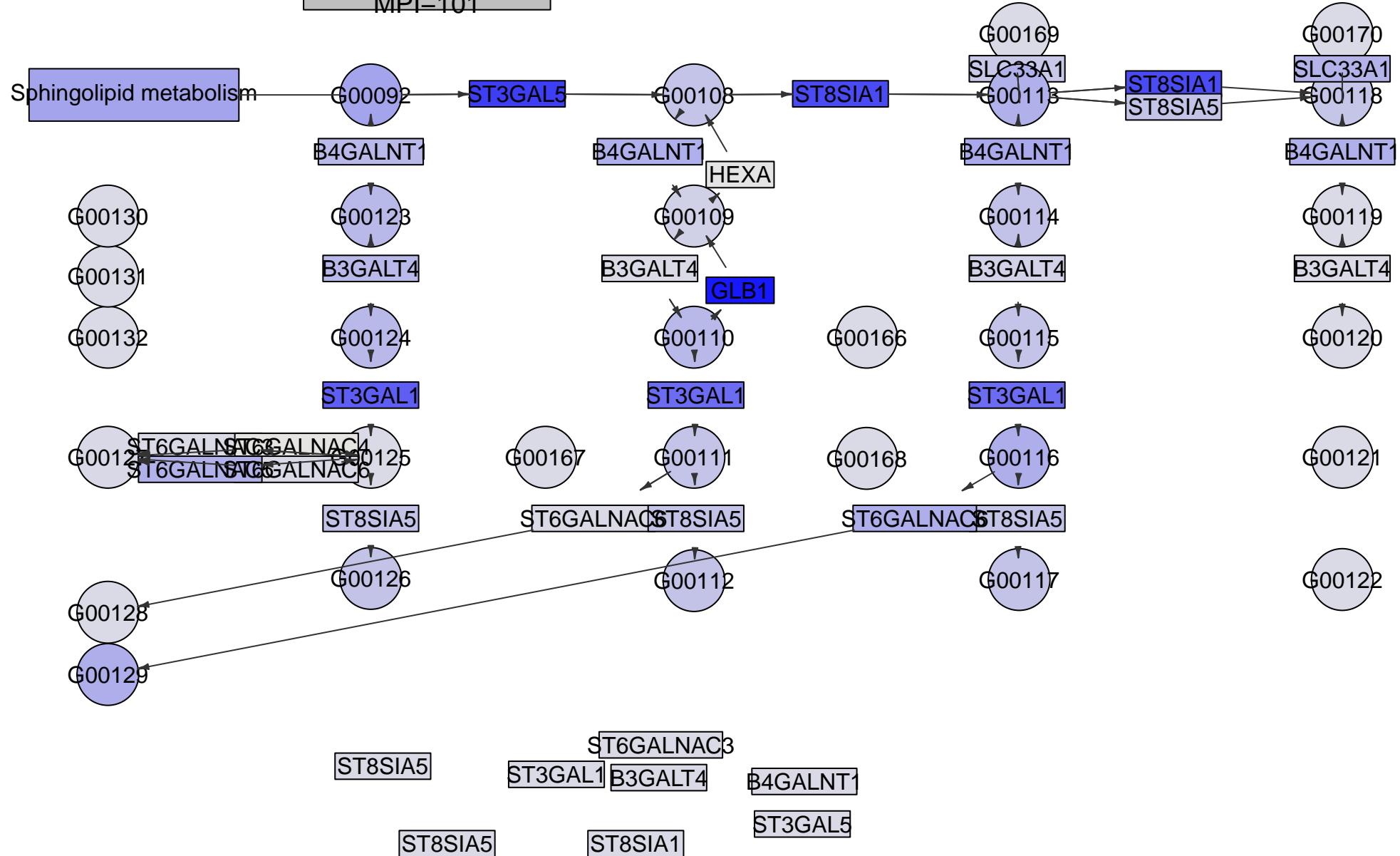
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-091



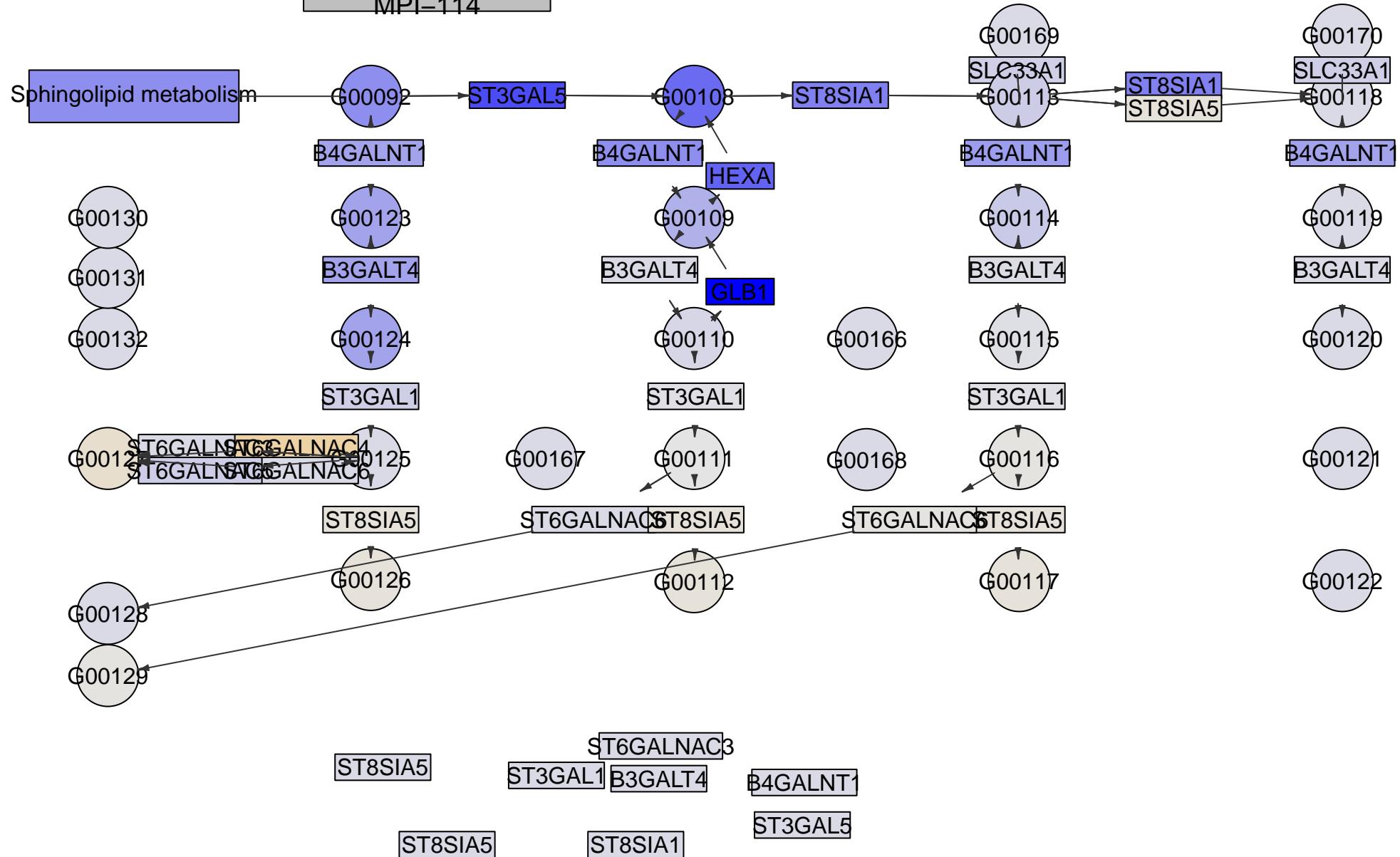
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-095



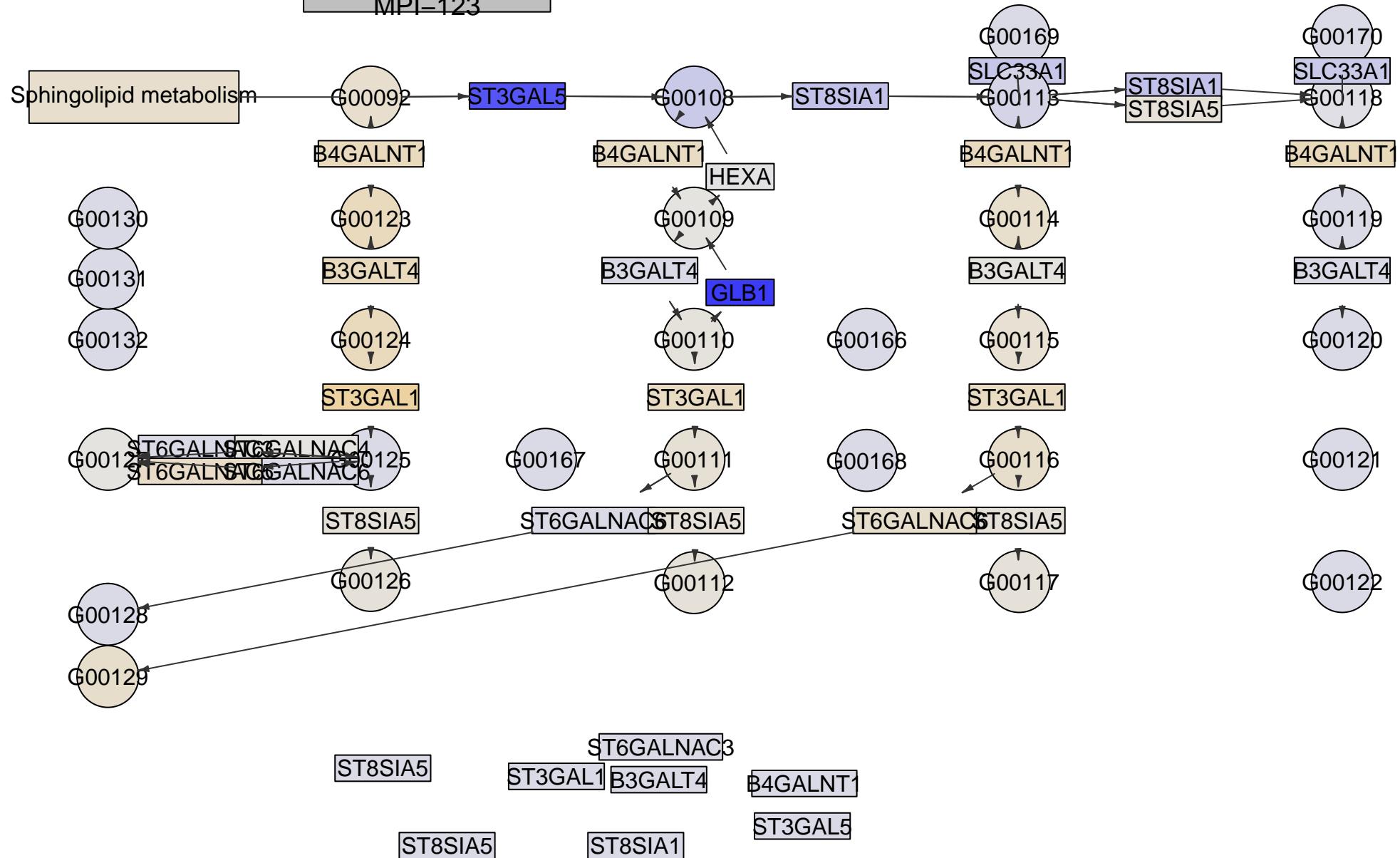
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-101



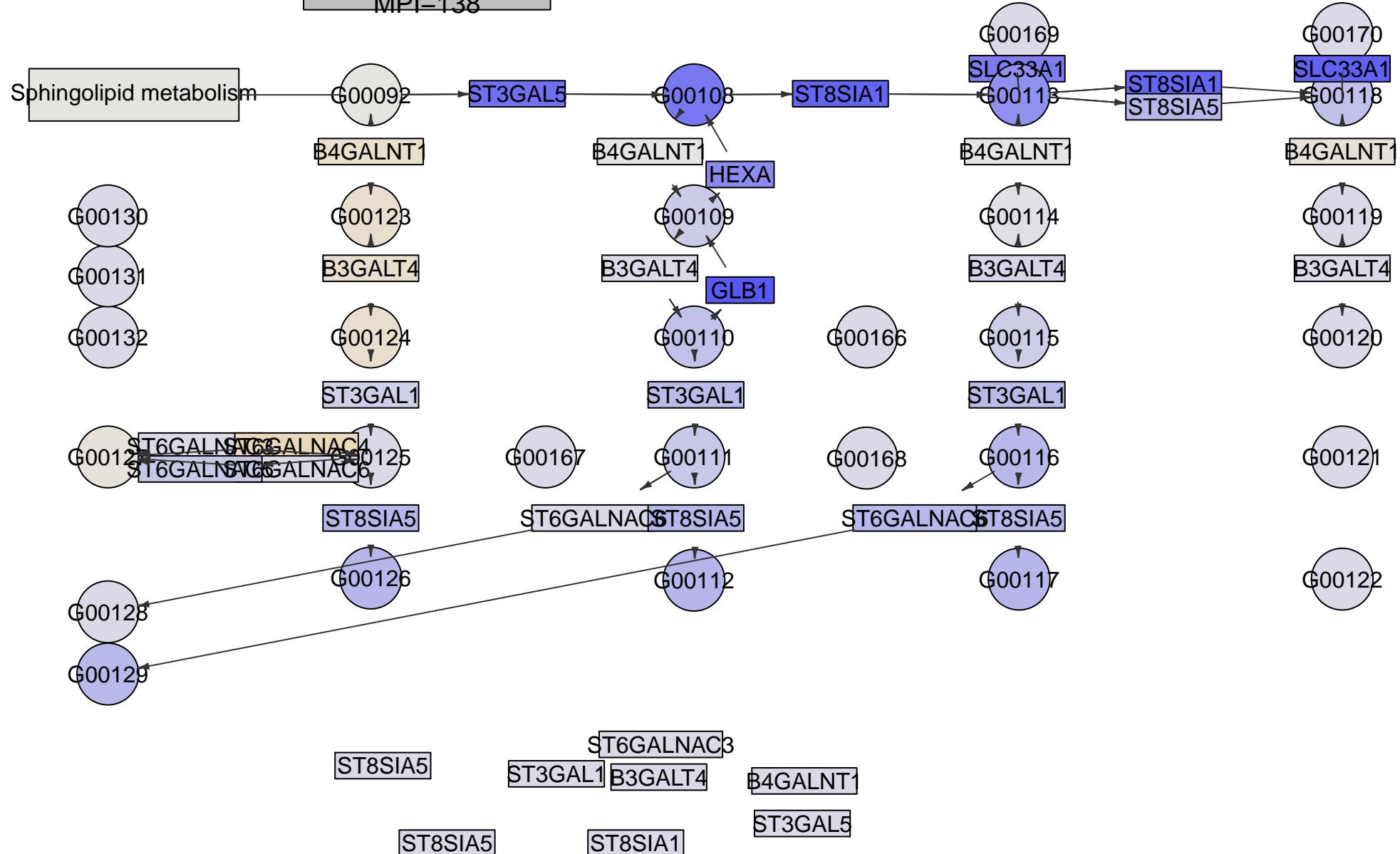
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-114



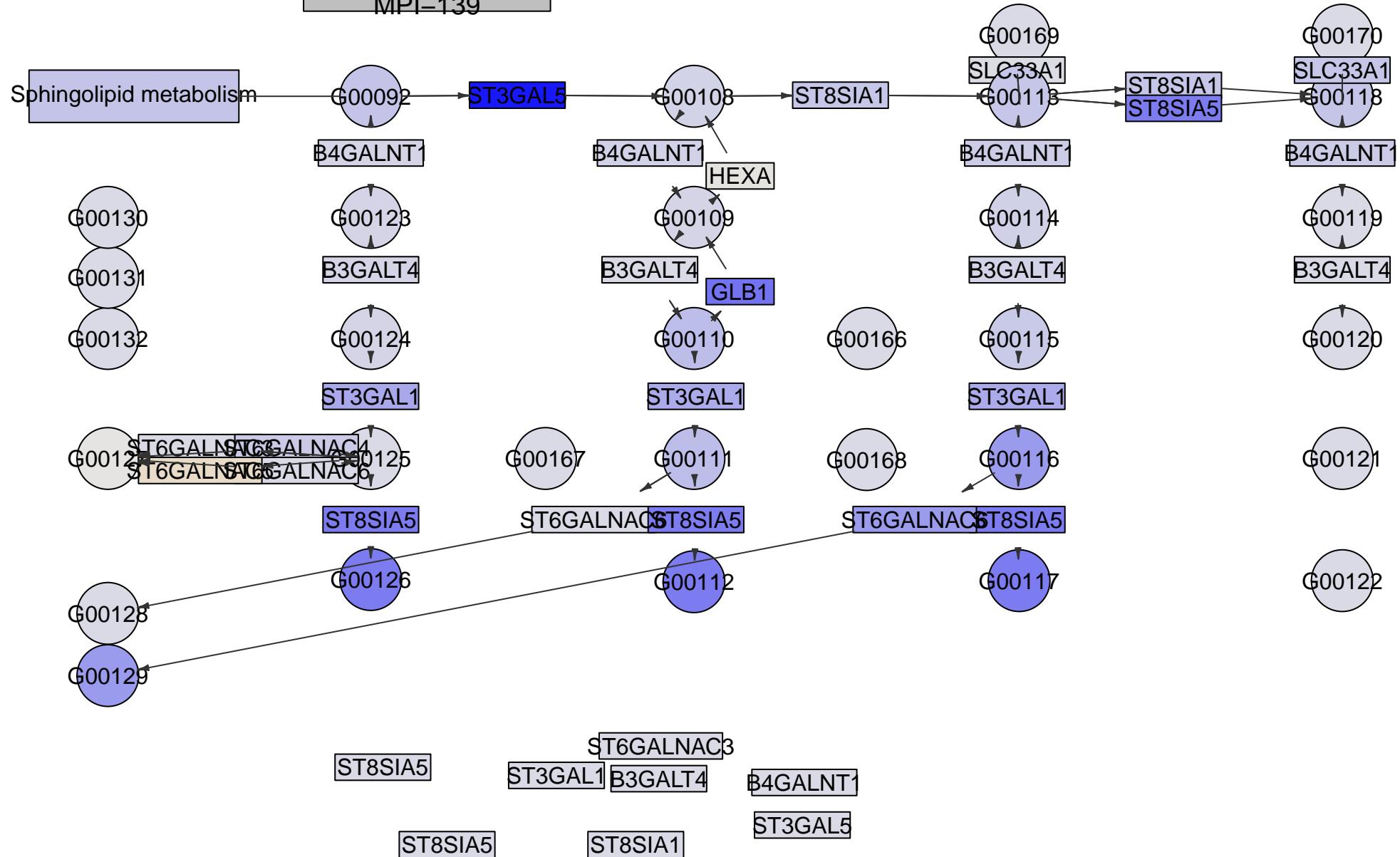
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-123



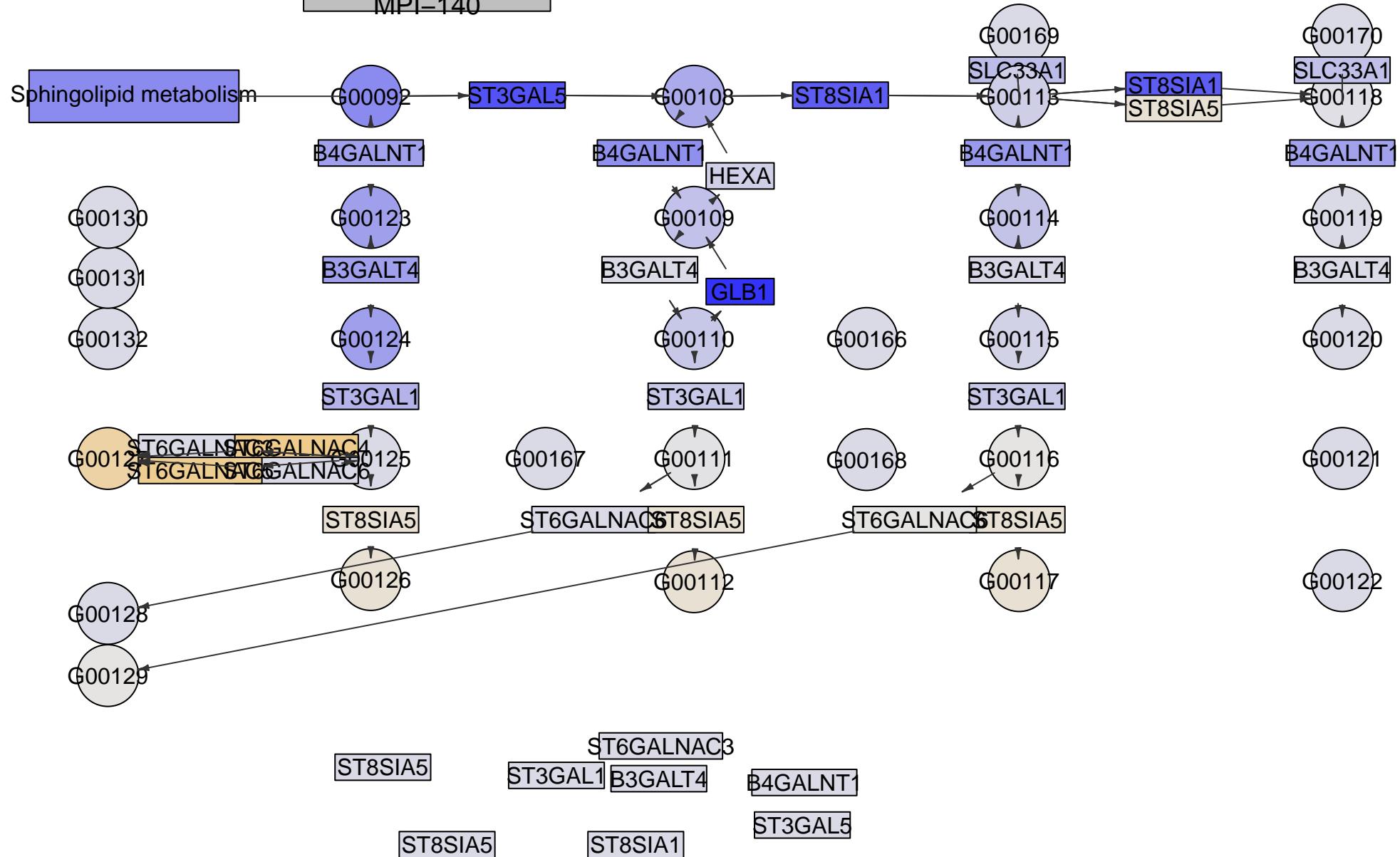
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-138



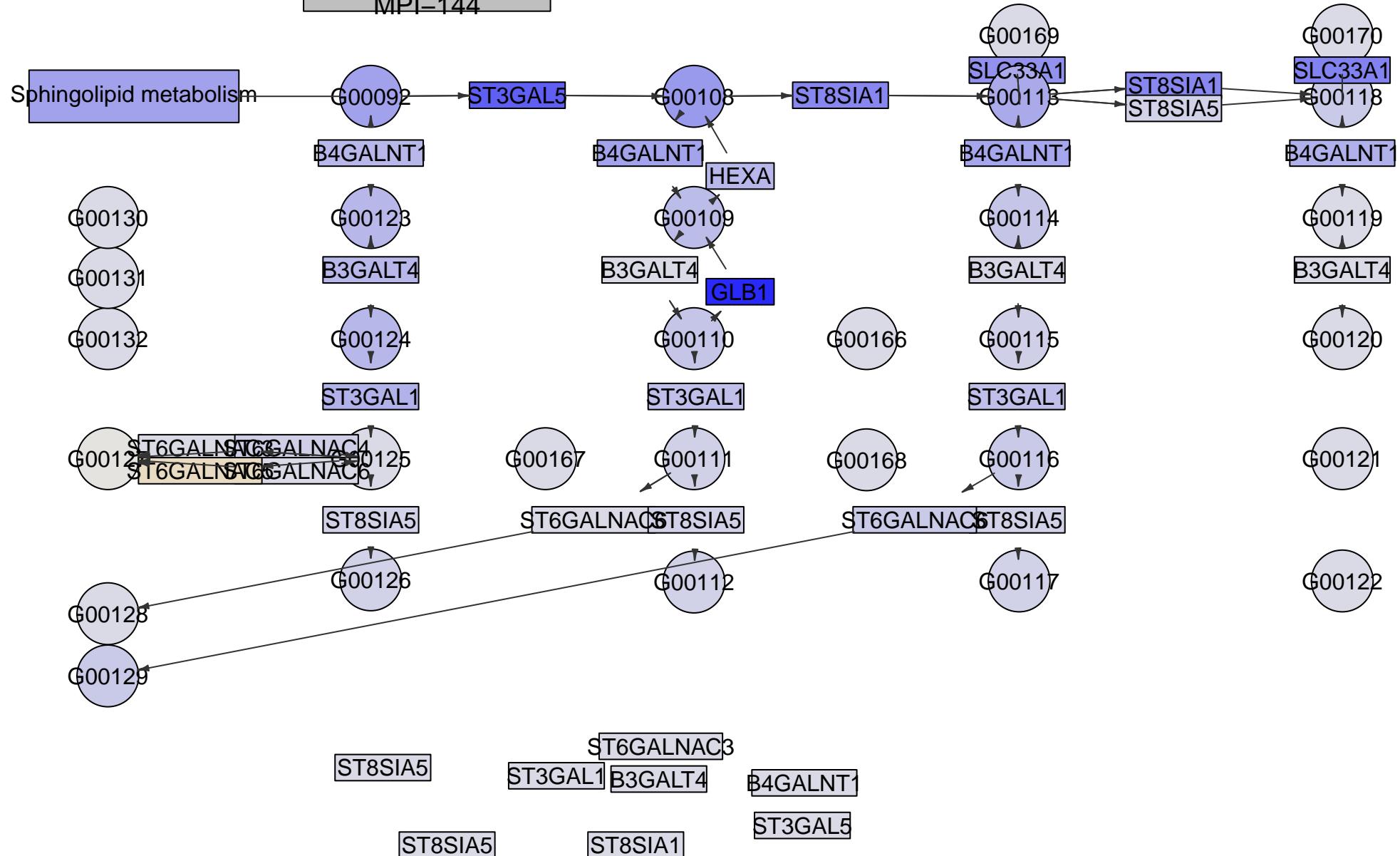
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-139



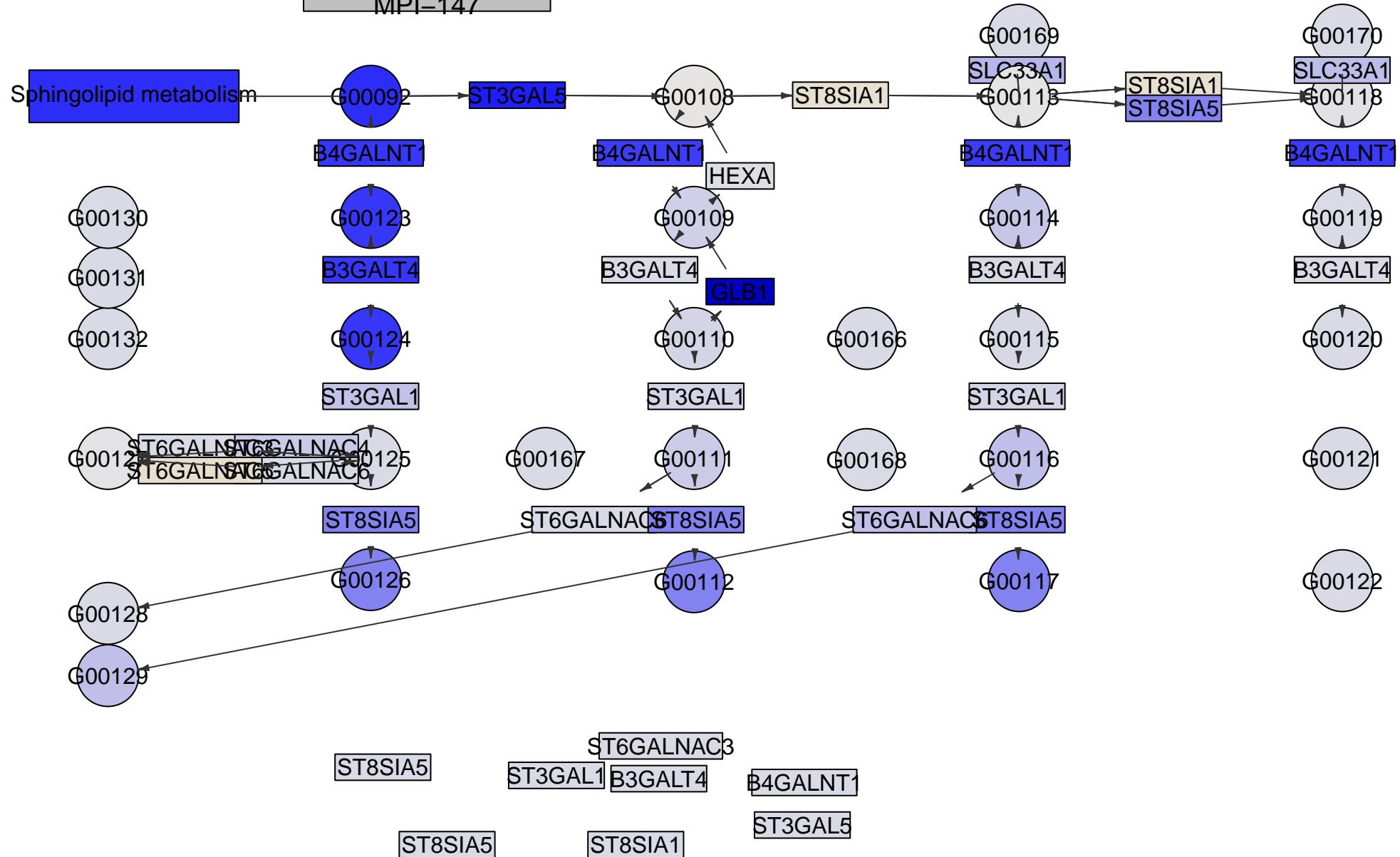
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-140



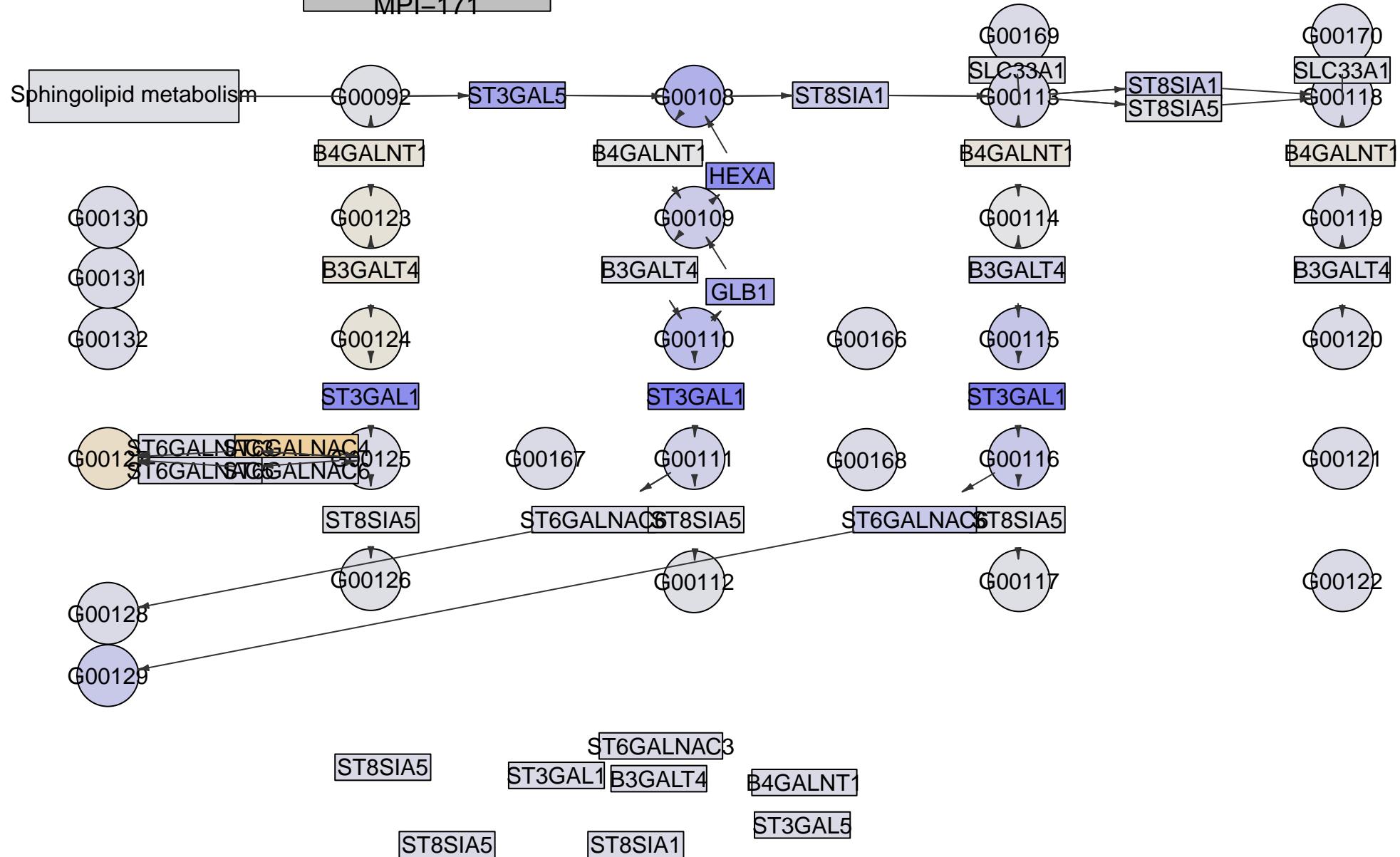
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-144



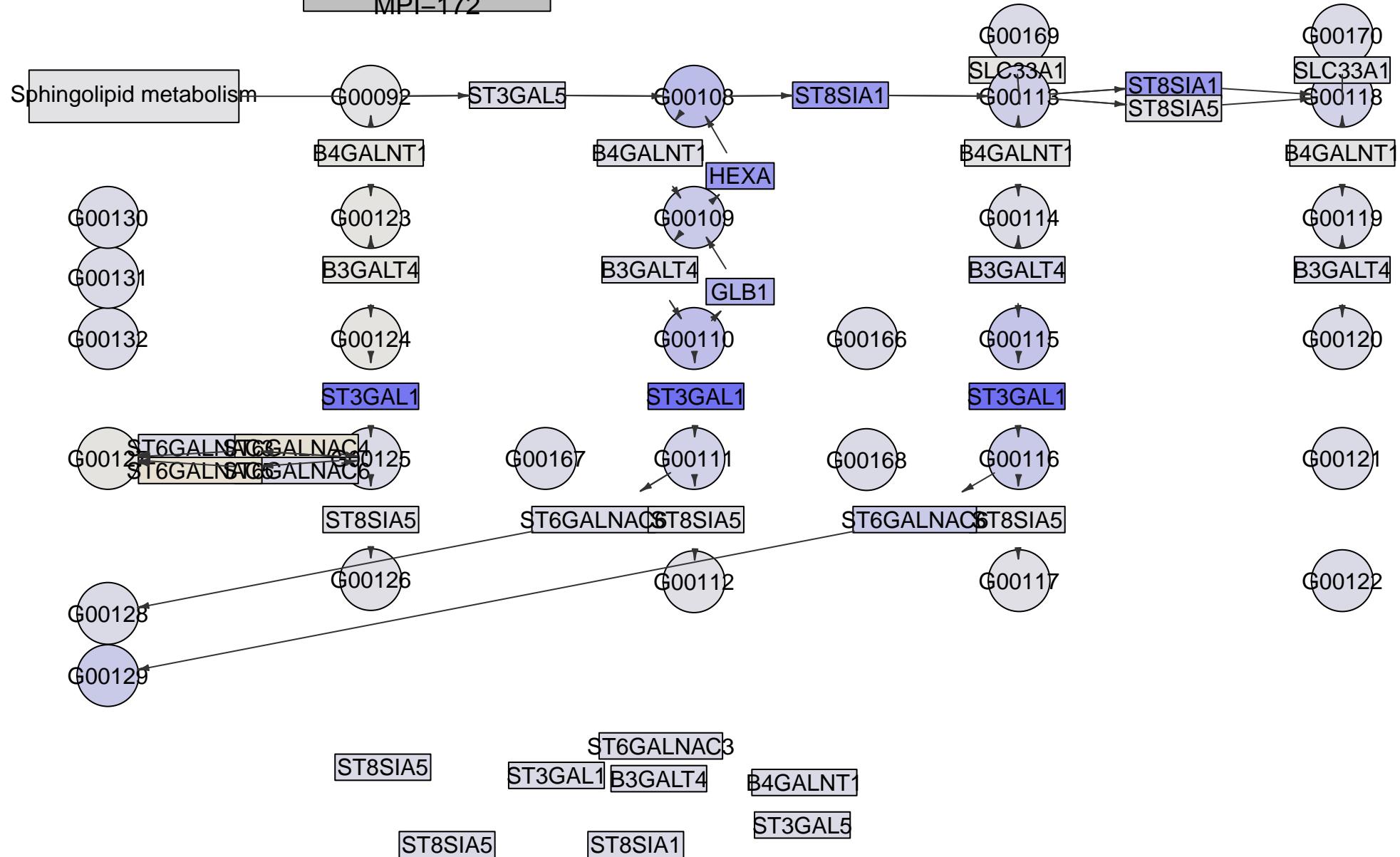
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-147



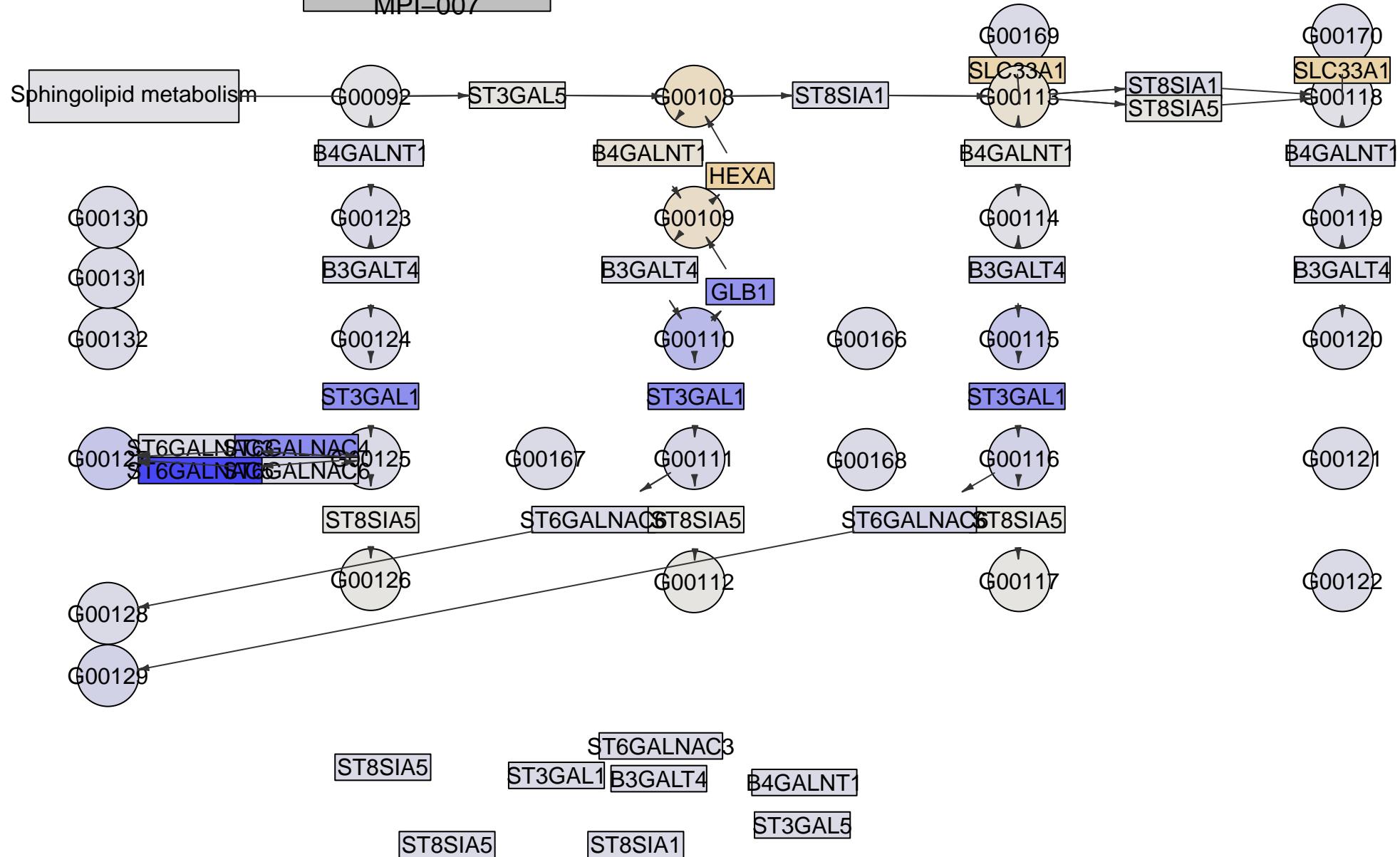
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-171



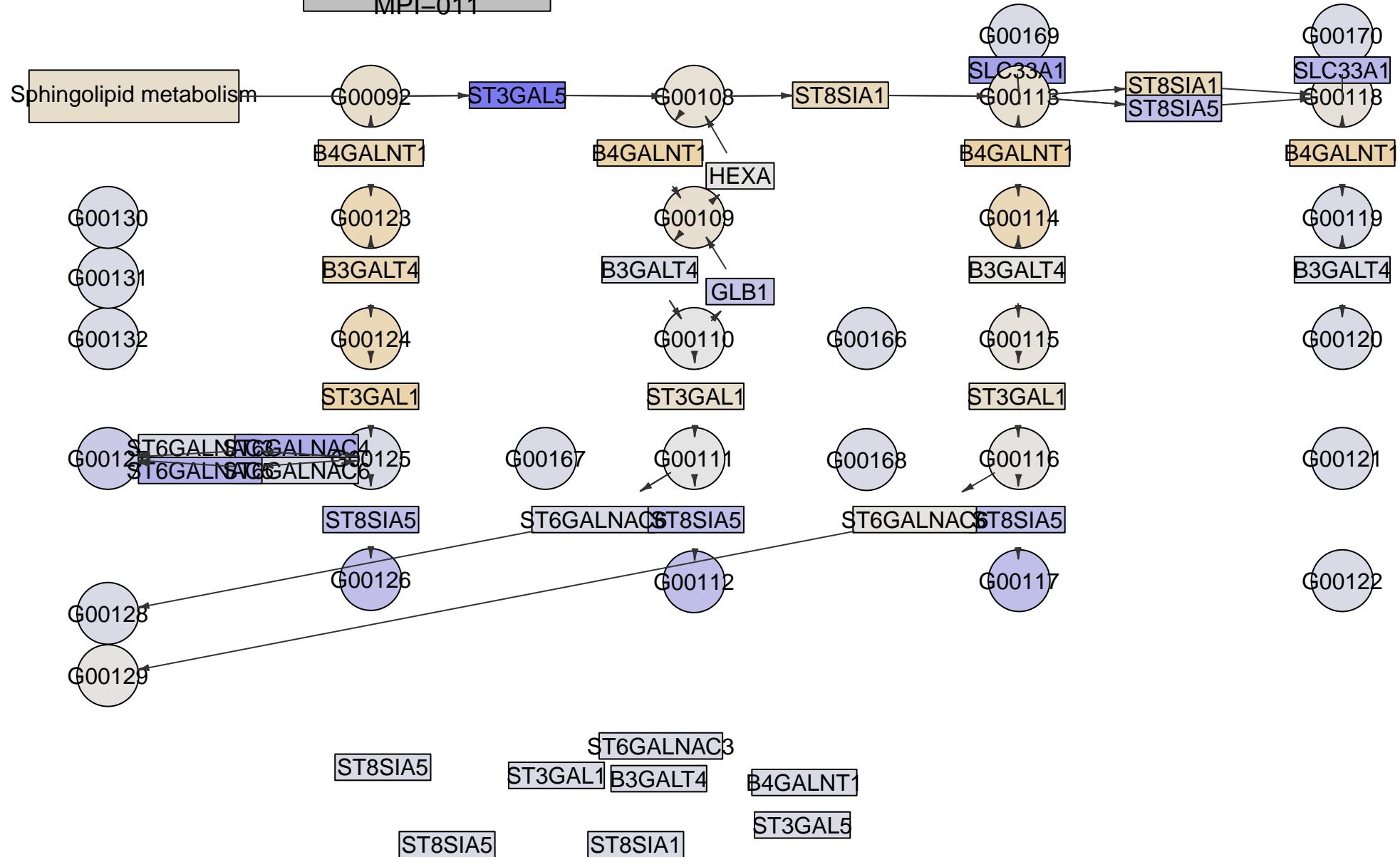
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-172



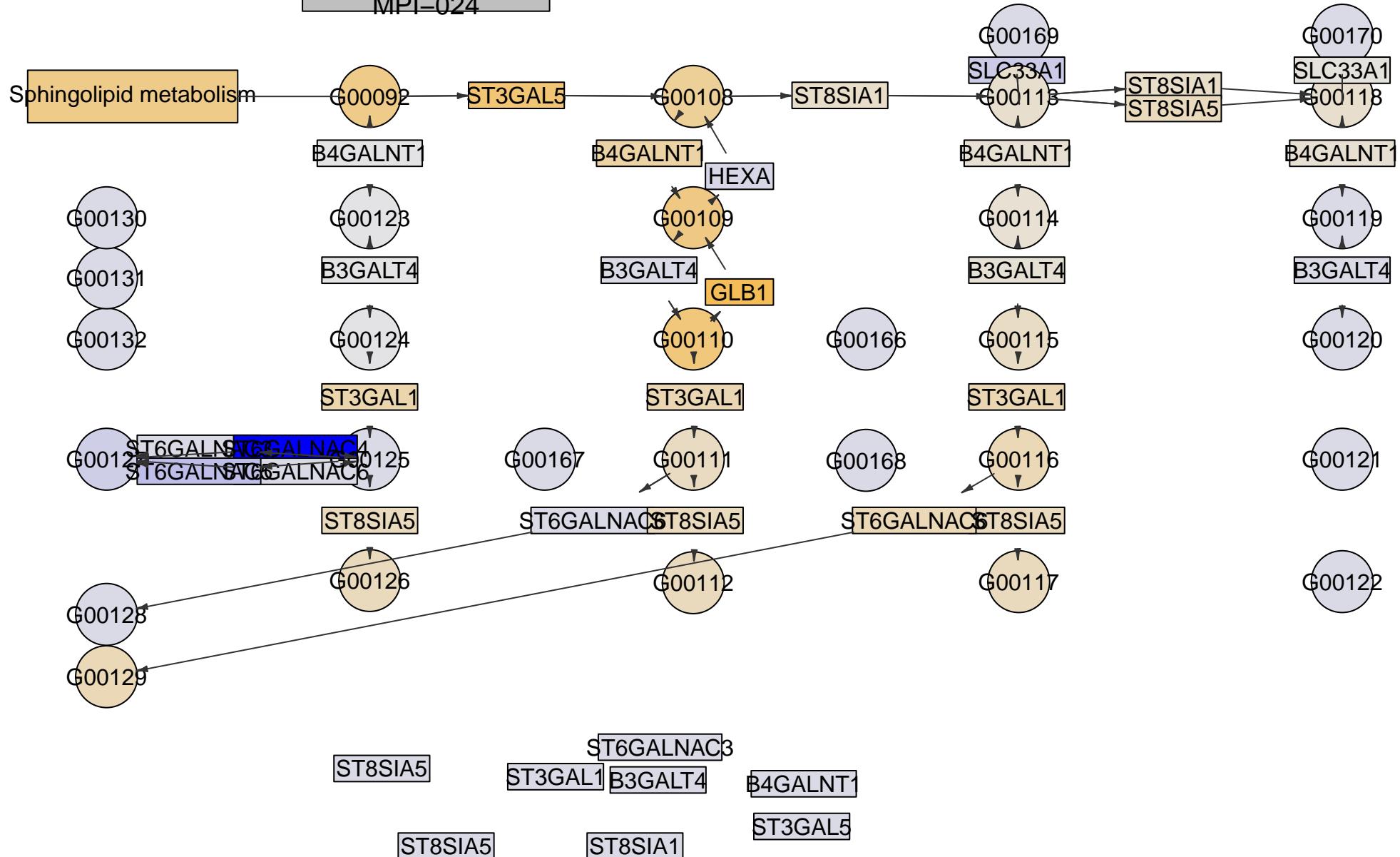
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-007



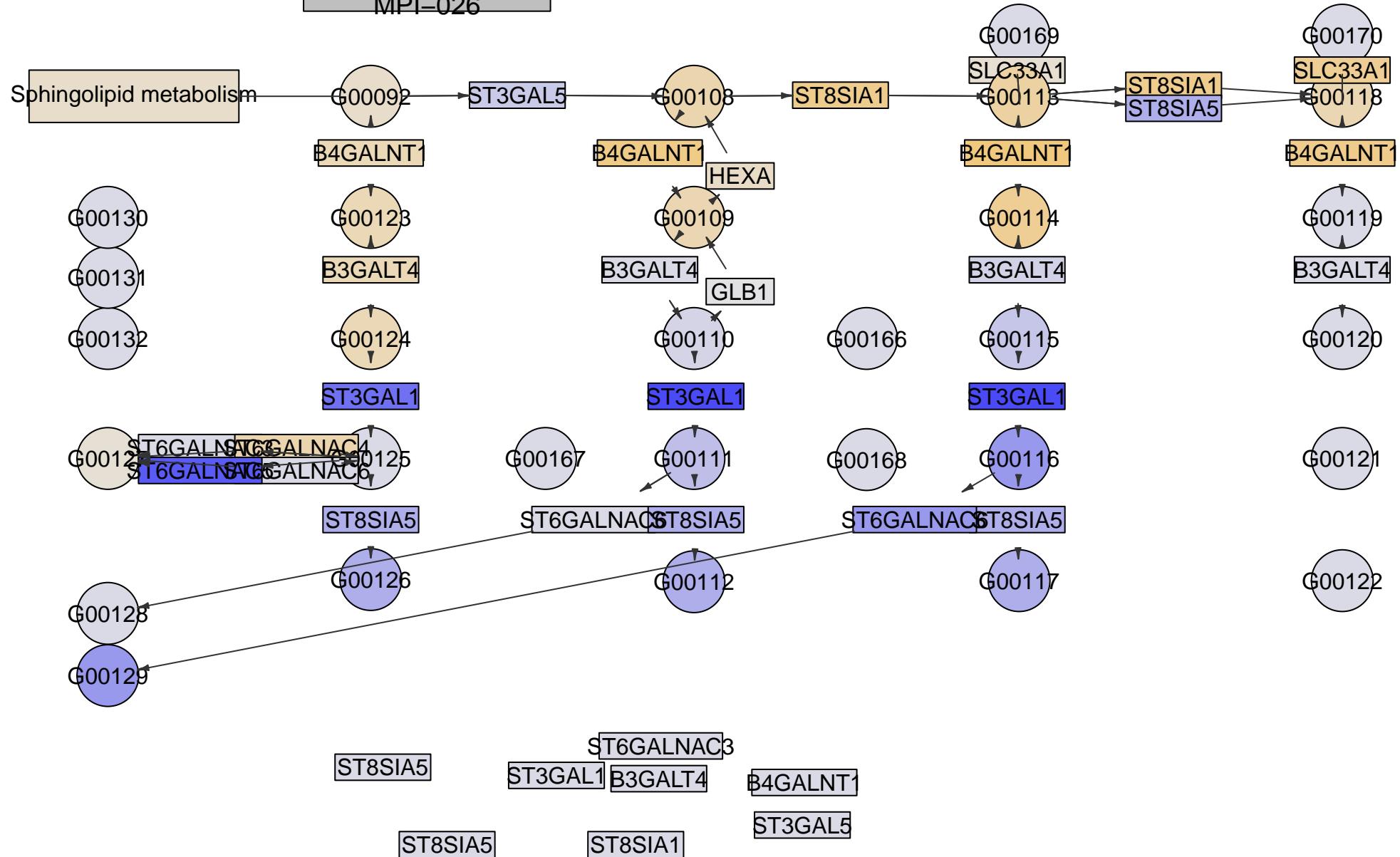
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-011



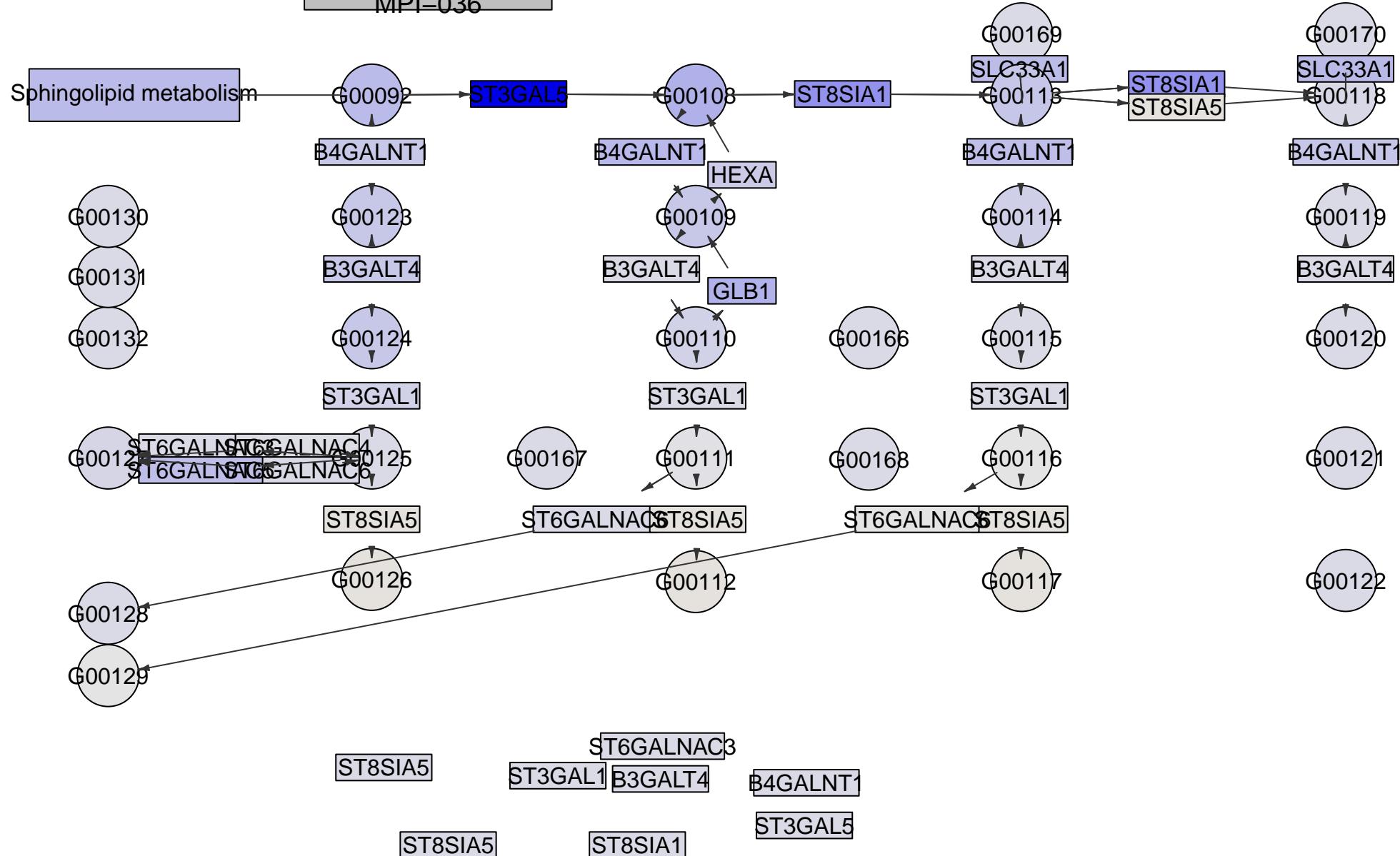
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-024



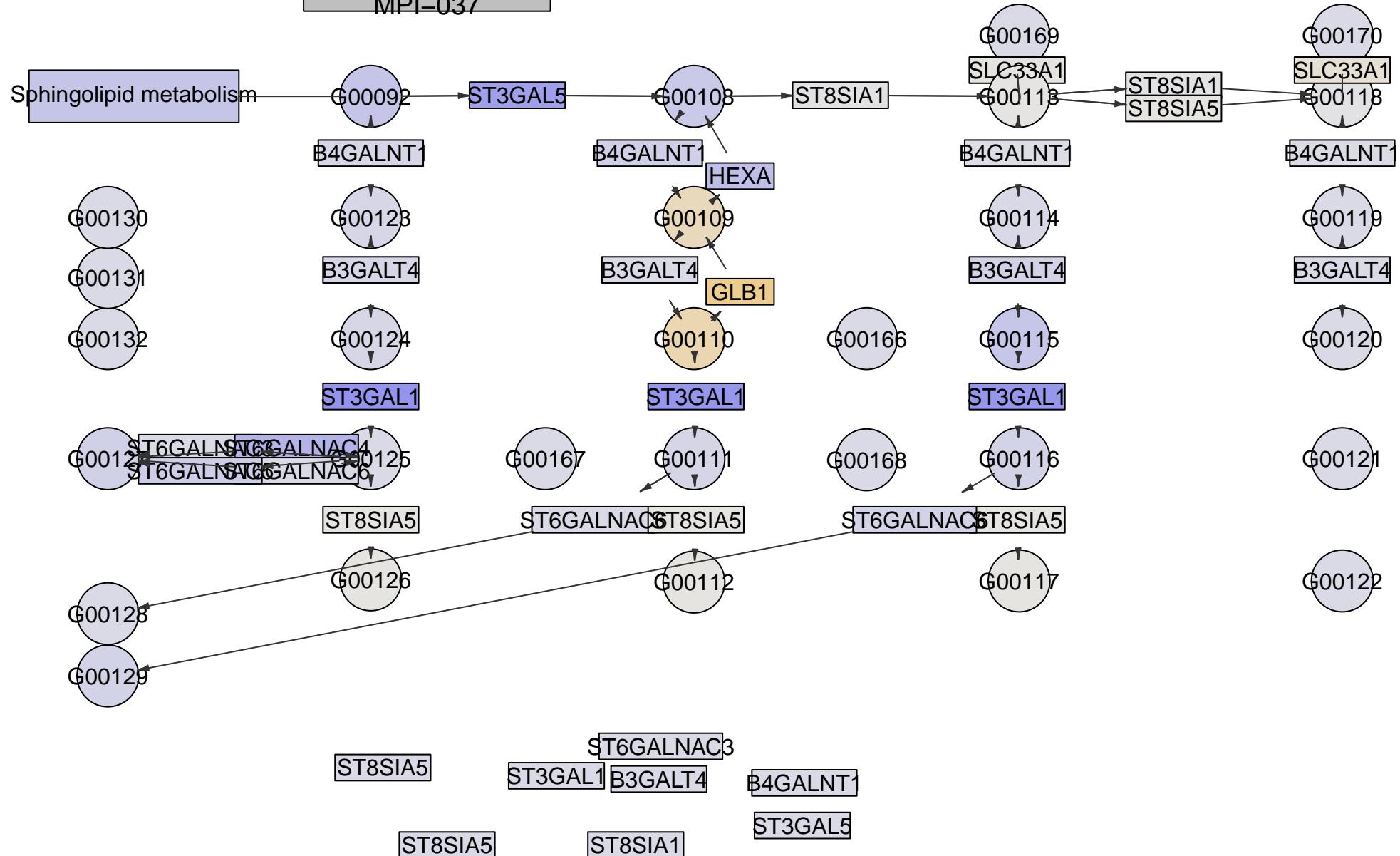
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-026



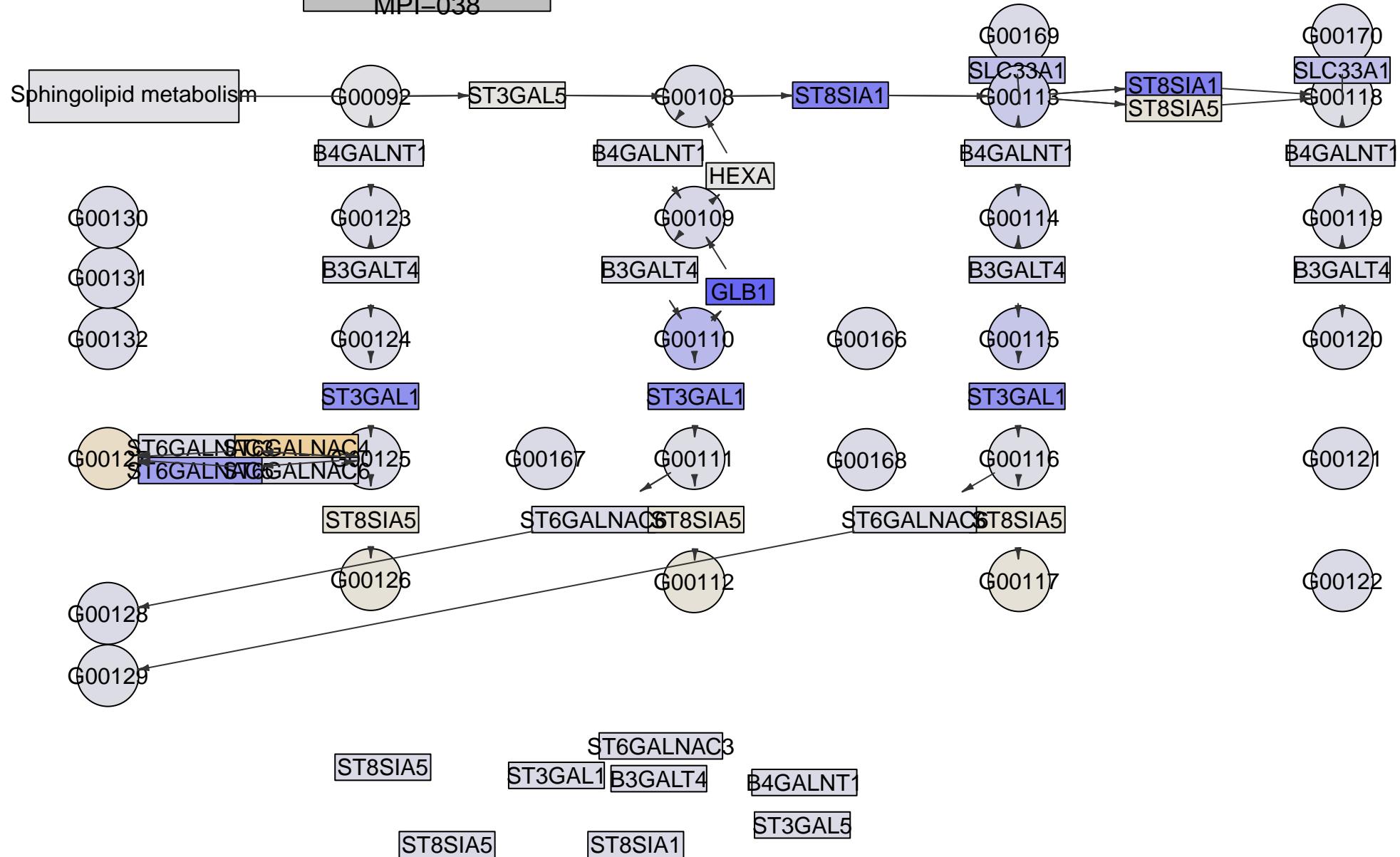
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-036



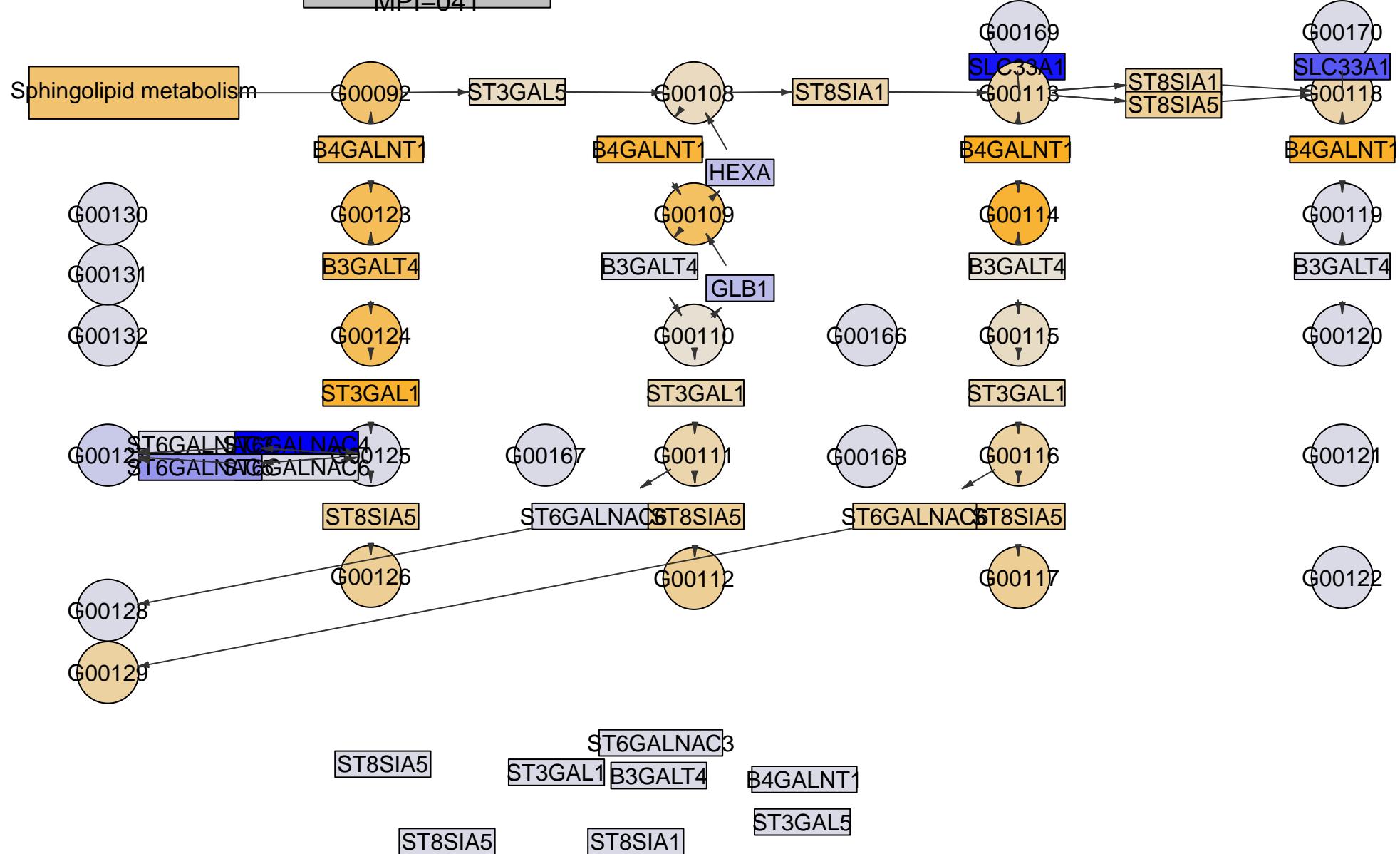
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-037



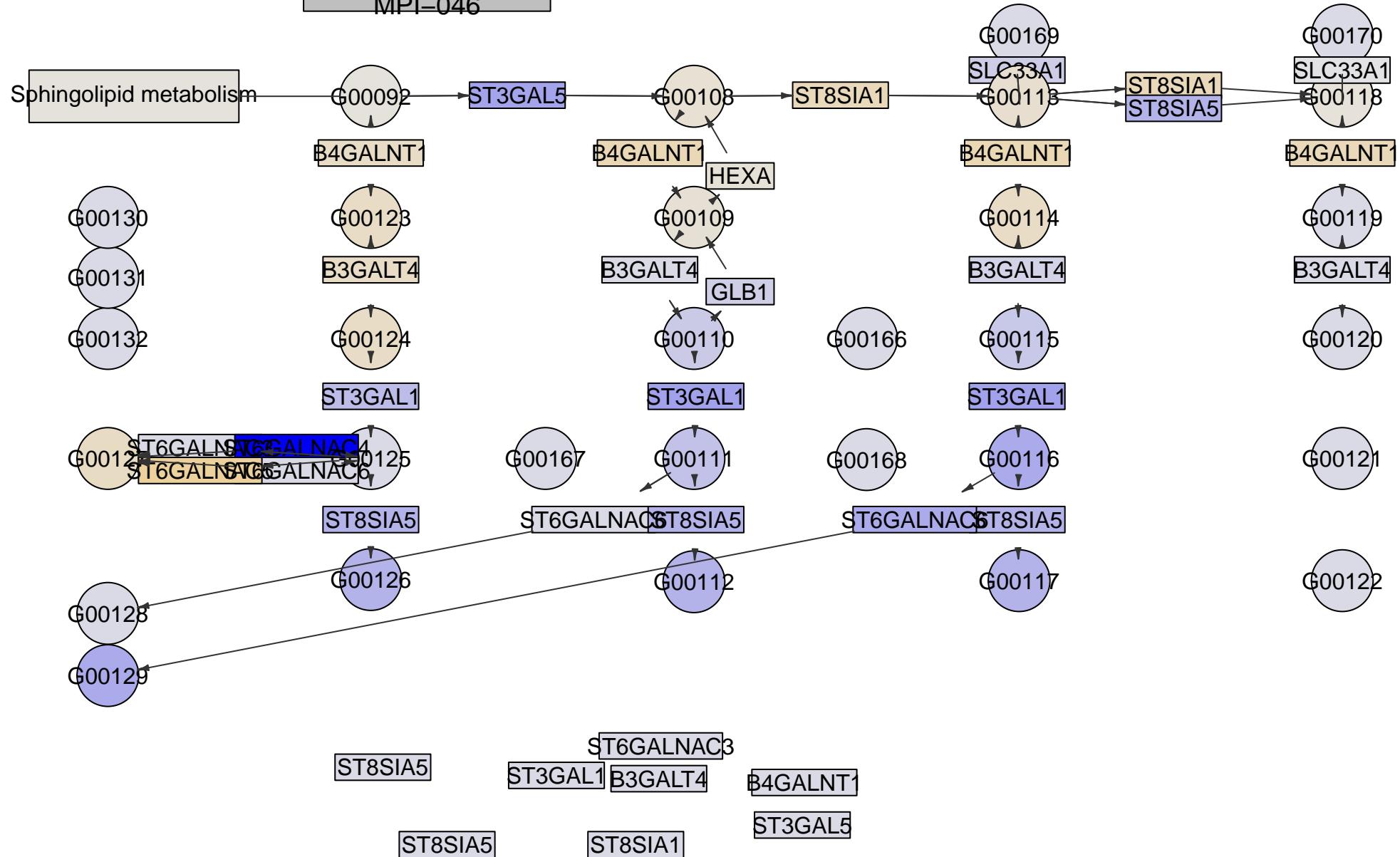
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-038



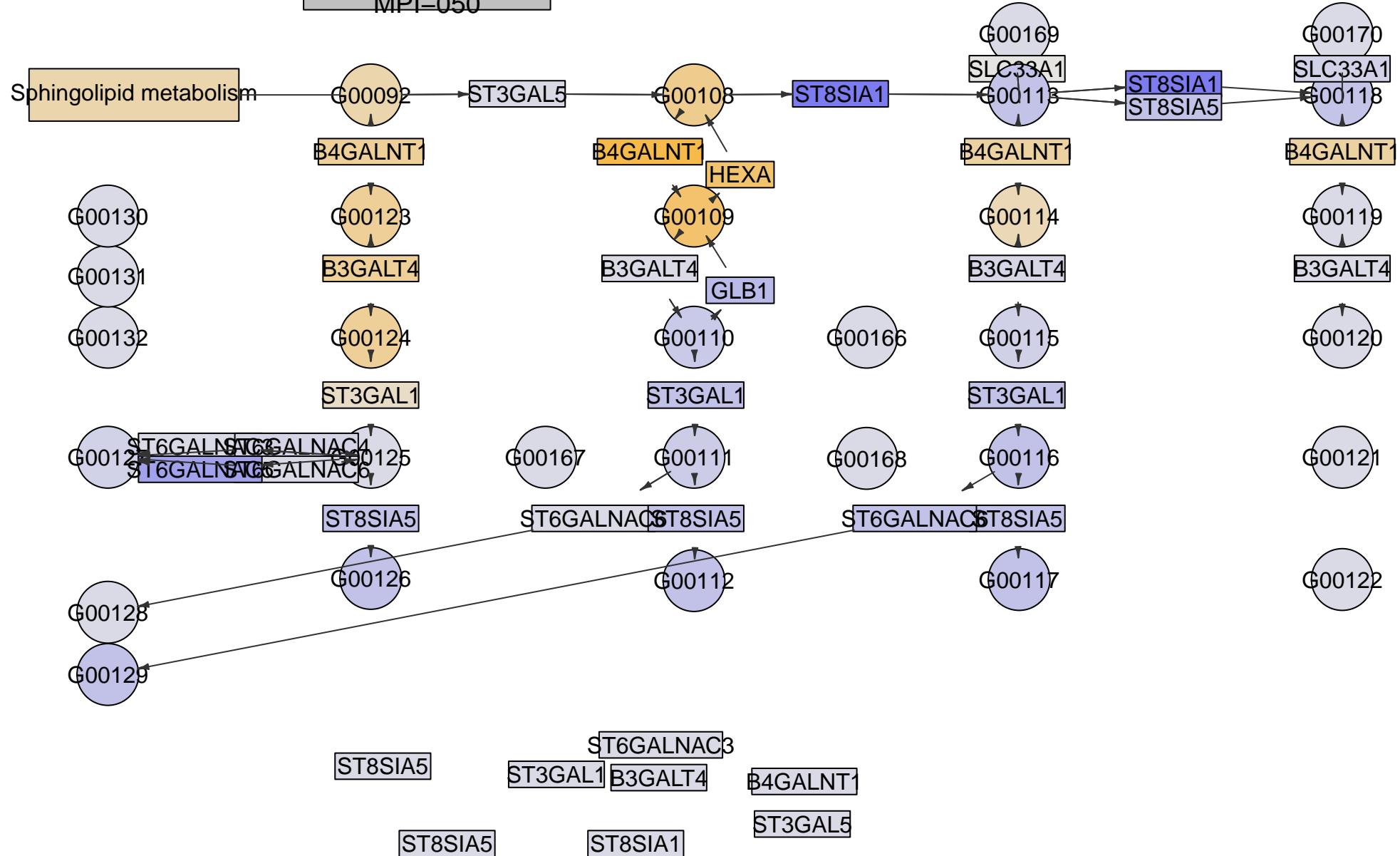
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-041



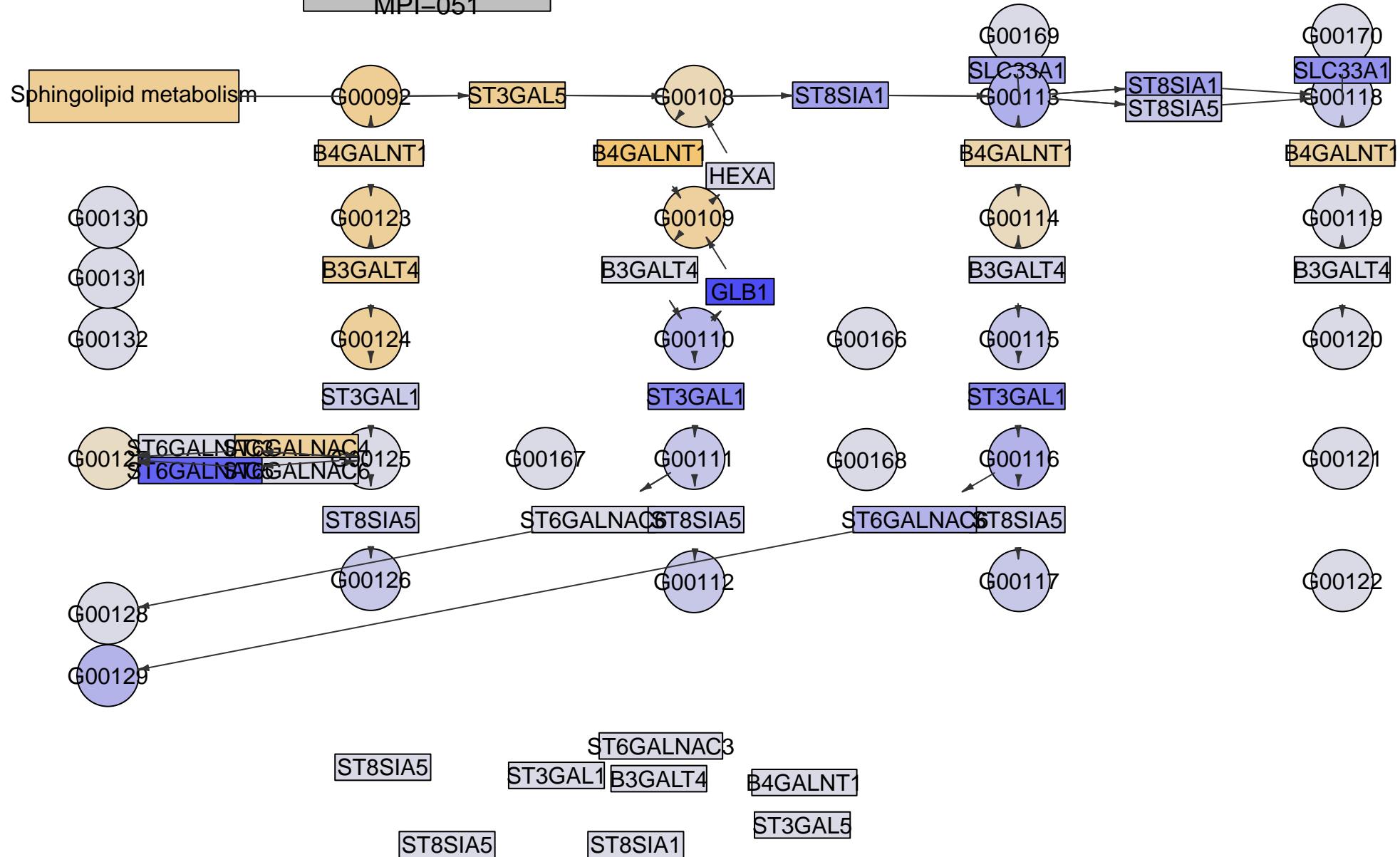
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-046



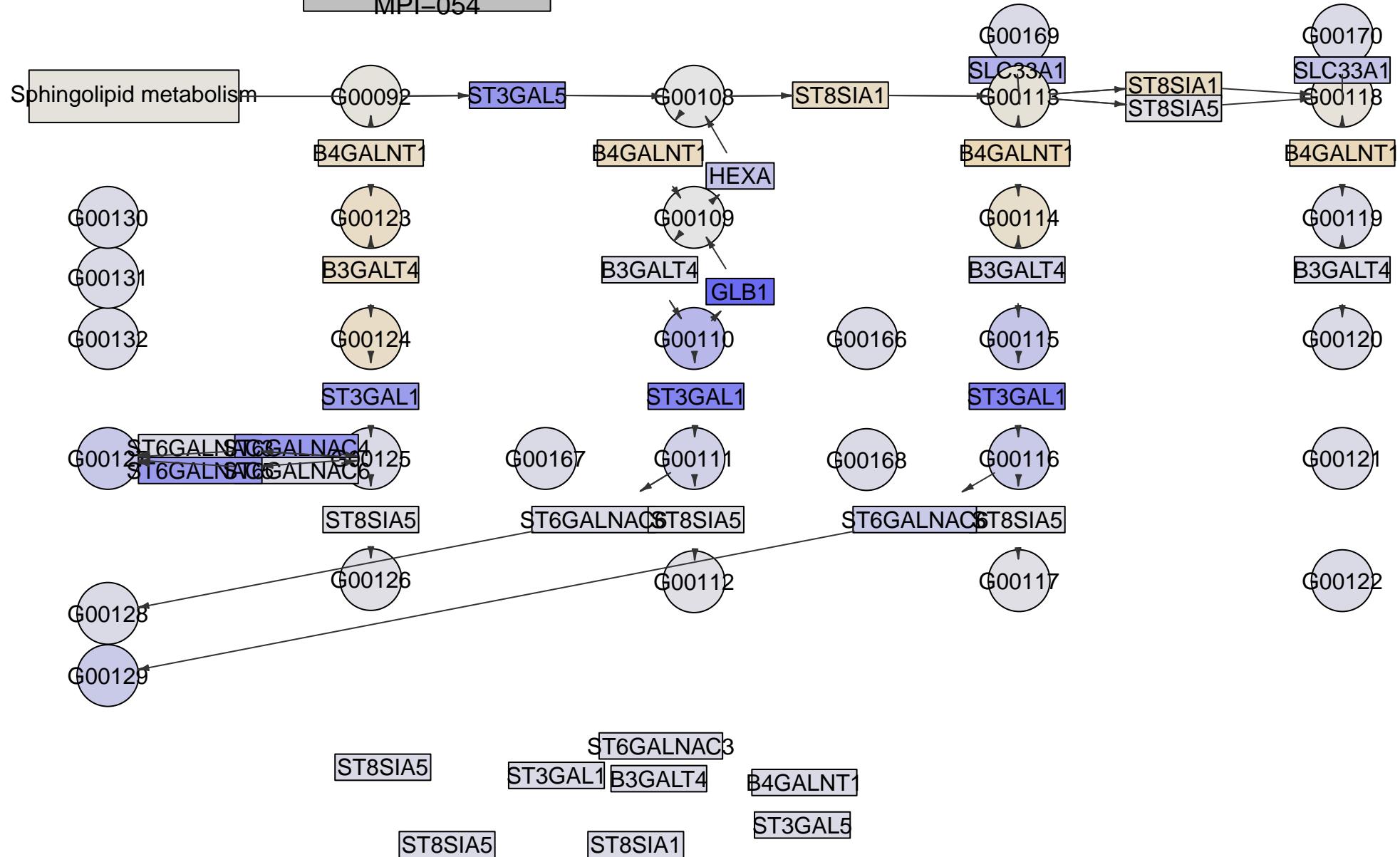
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-050



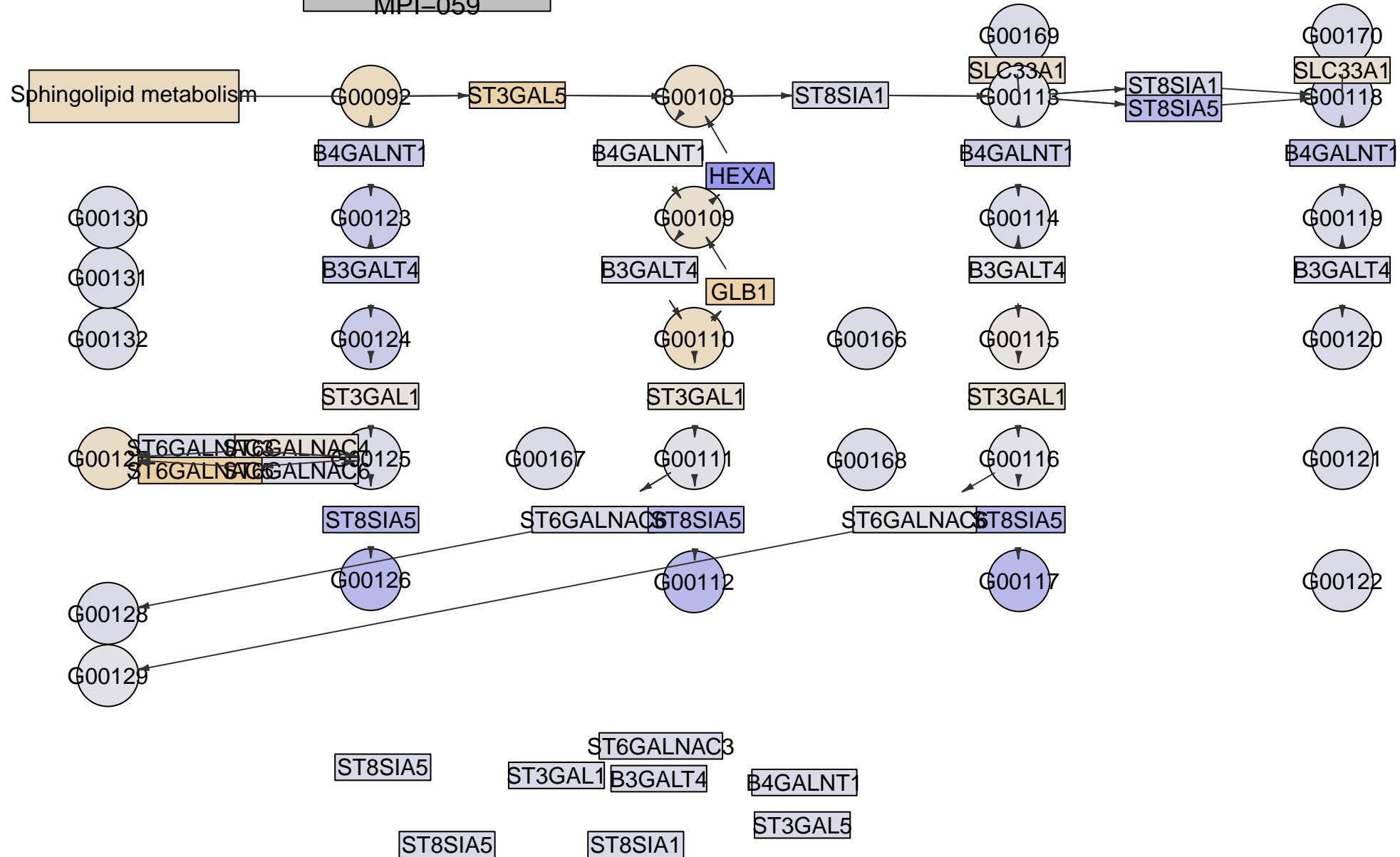
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-051



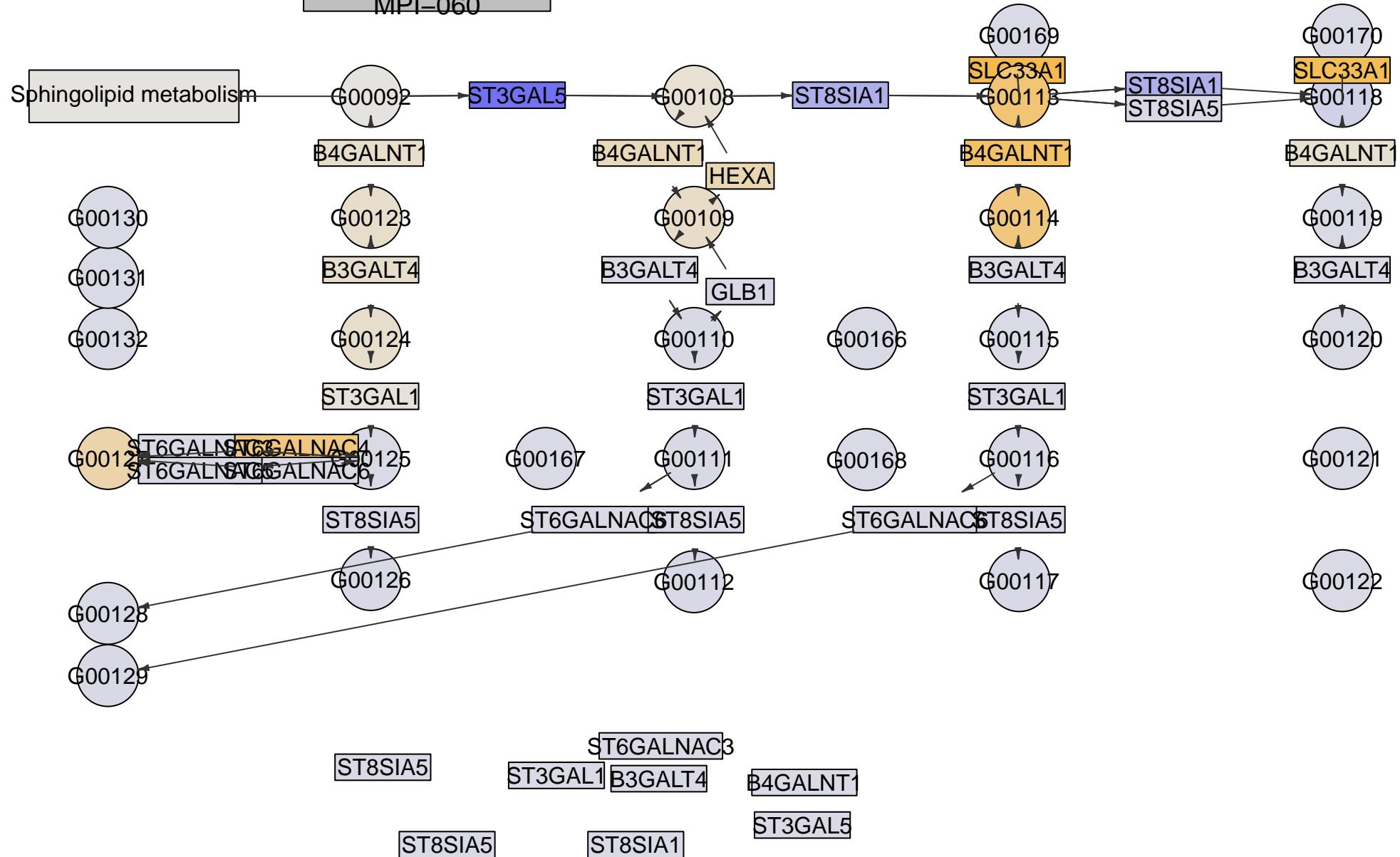
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-054



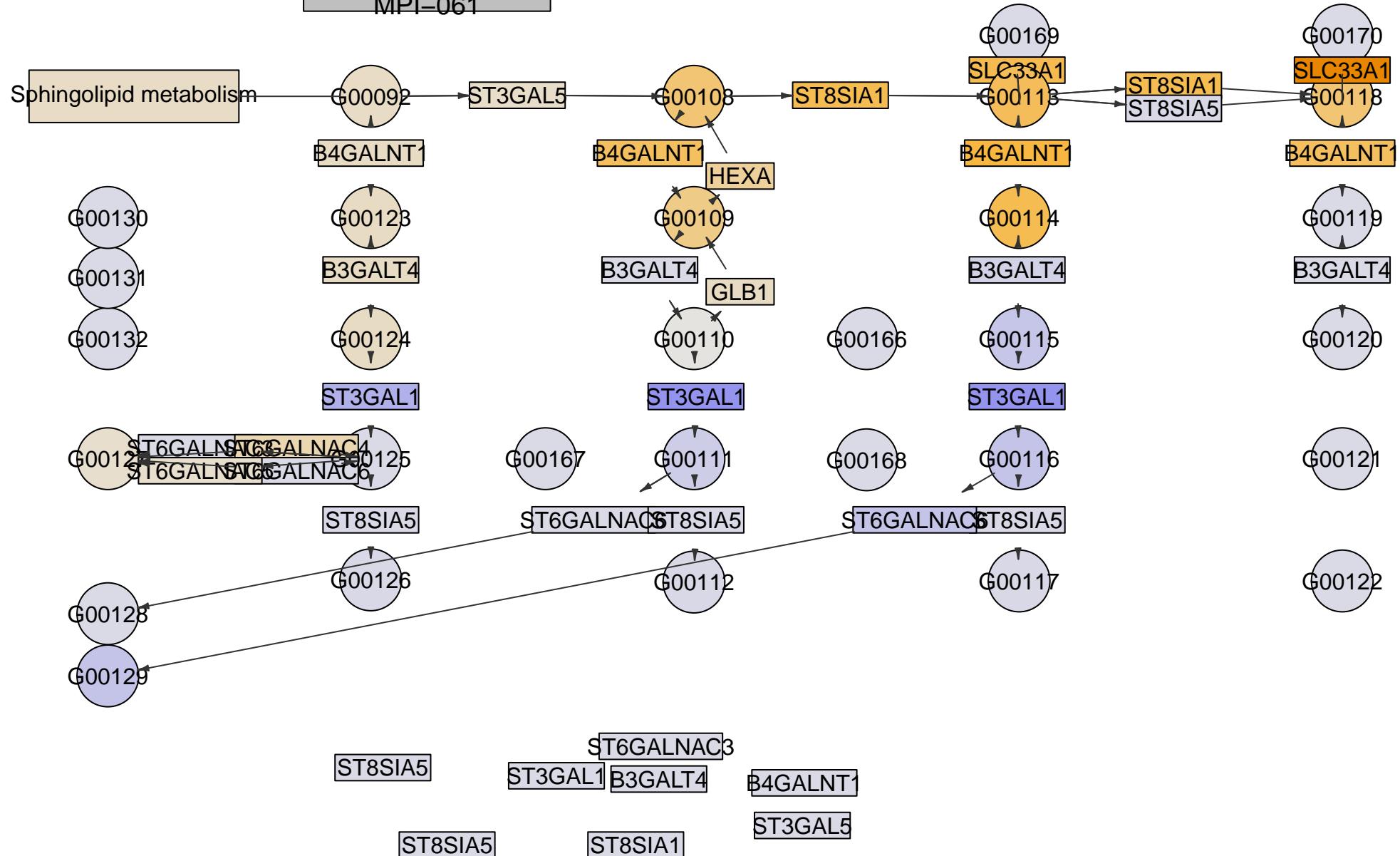
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-059



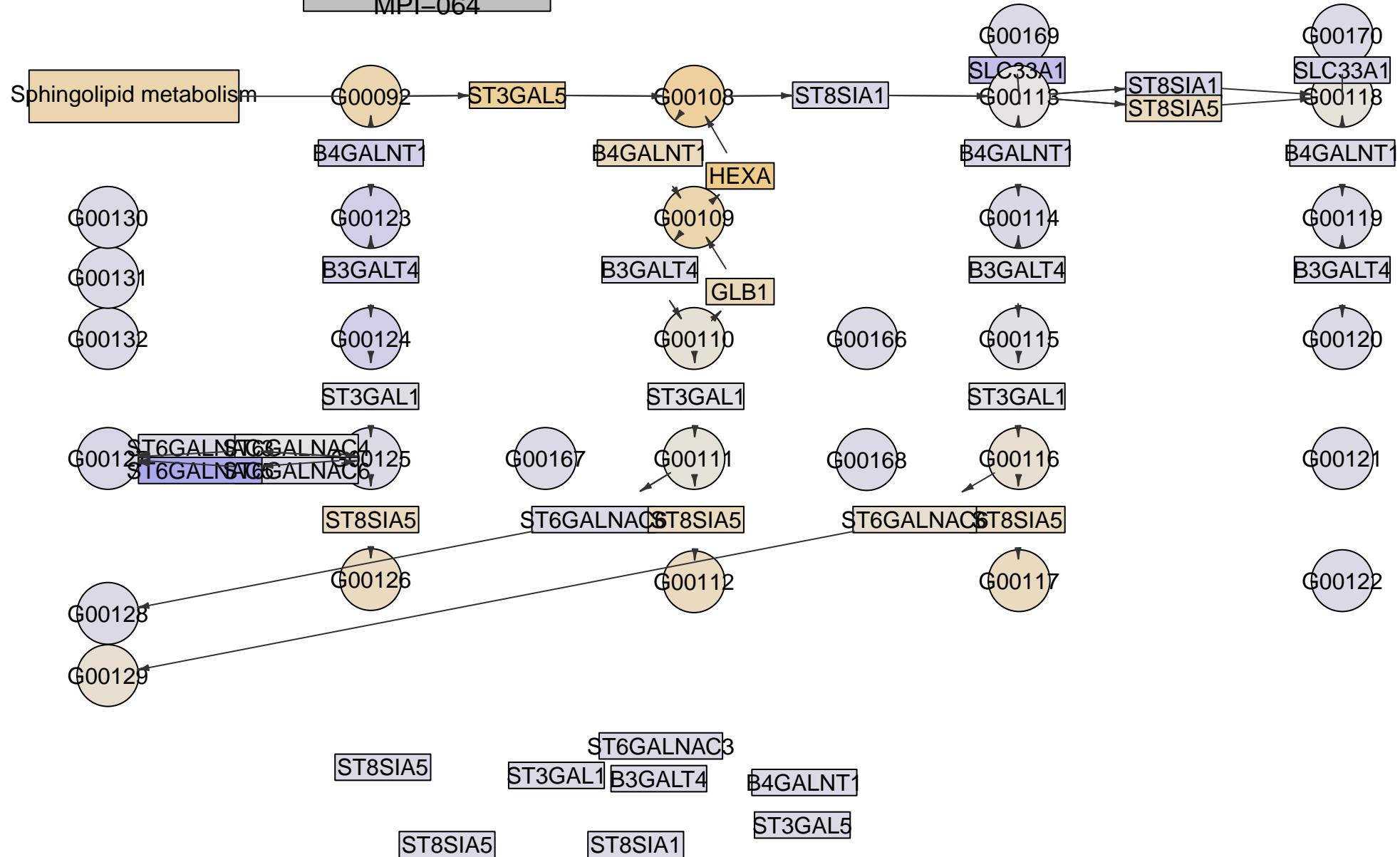
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-060



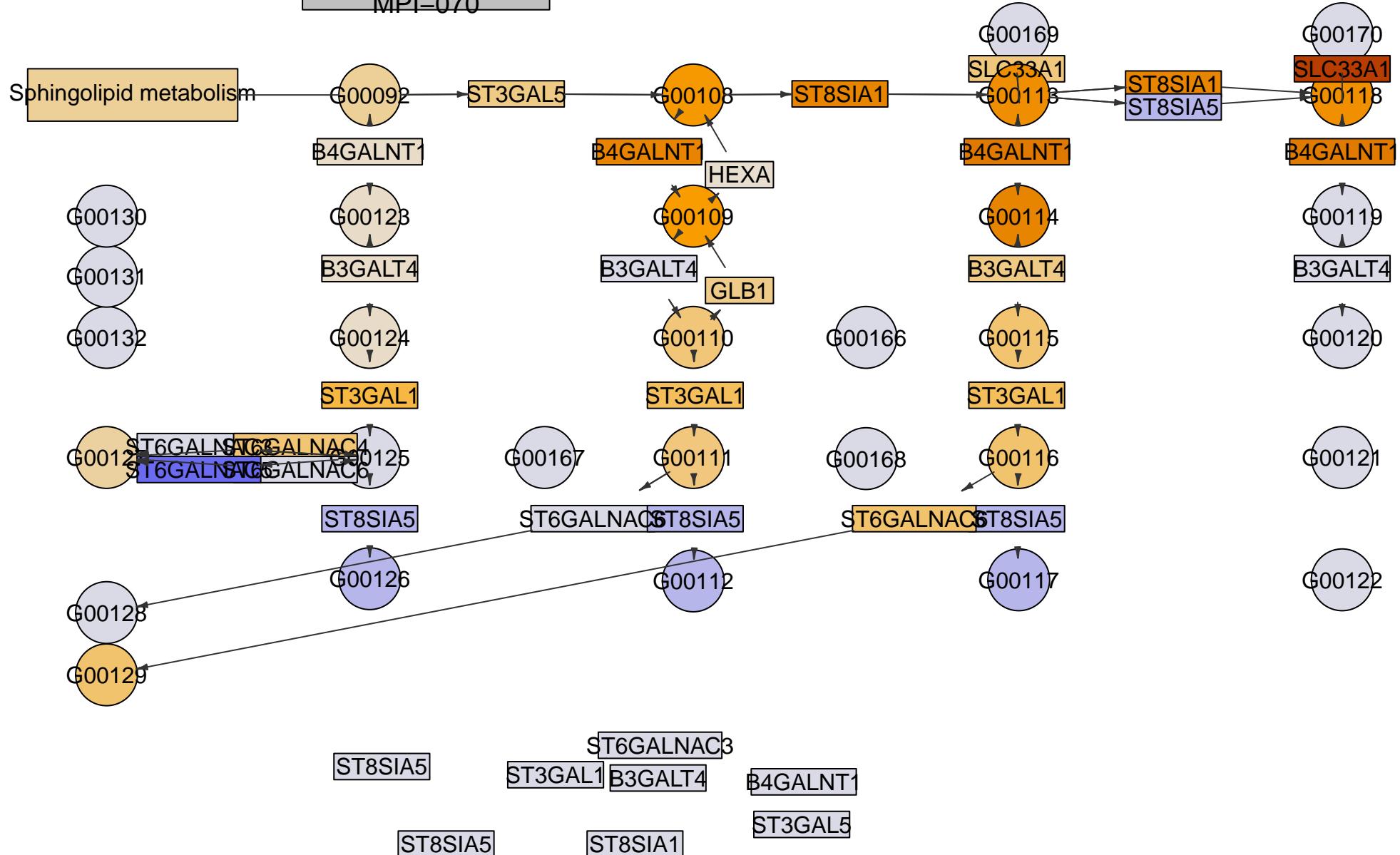
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-061



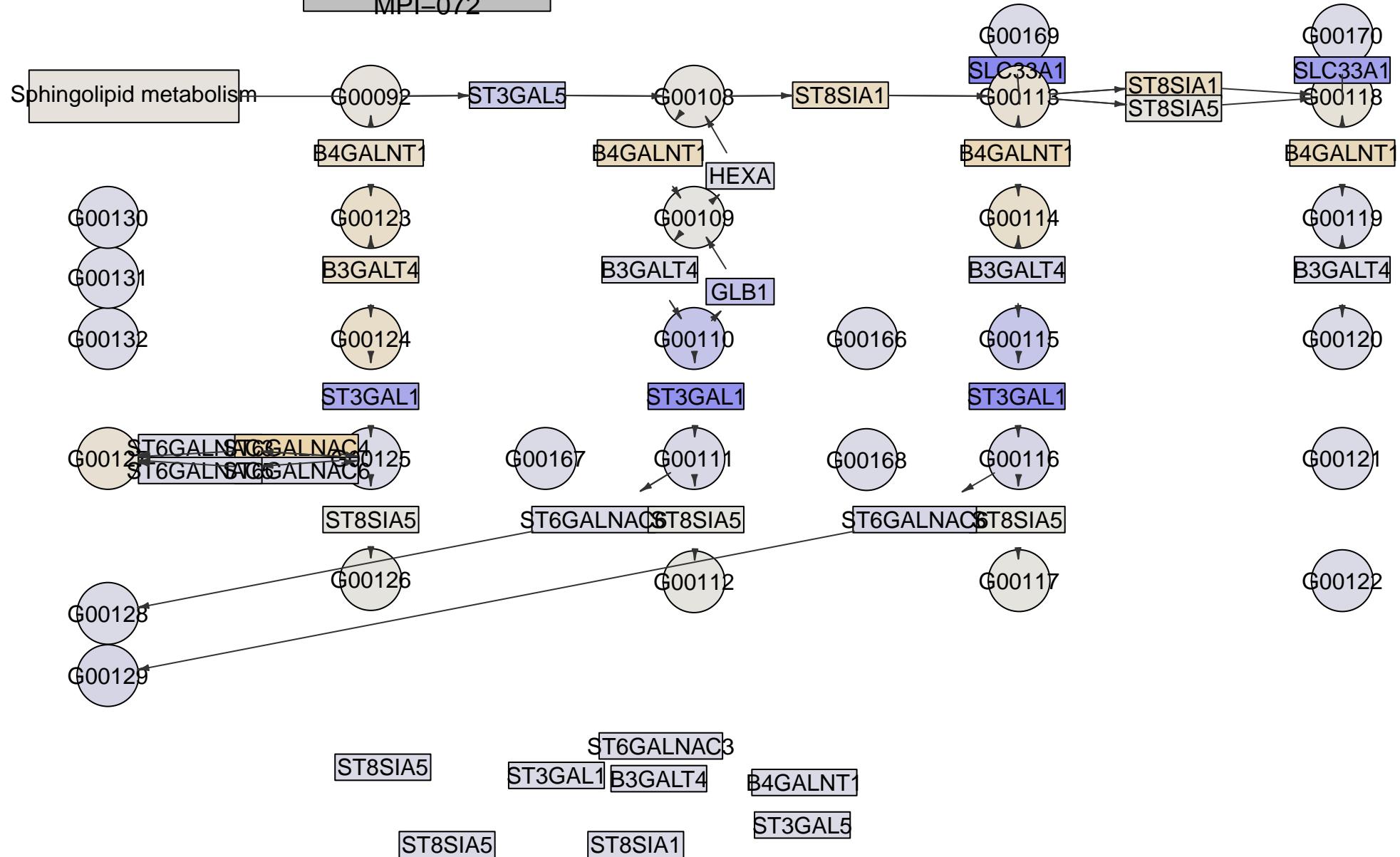
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-064



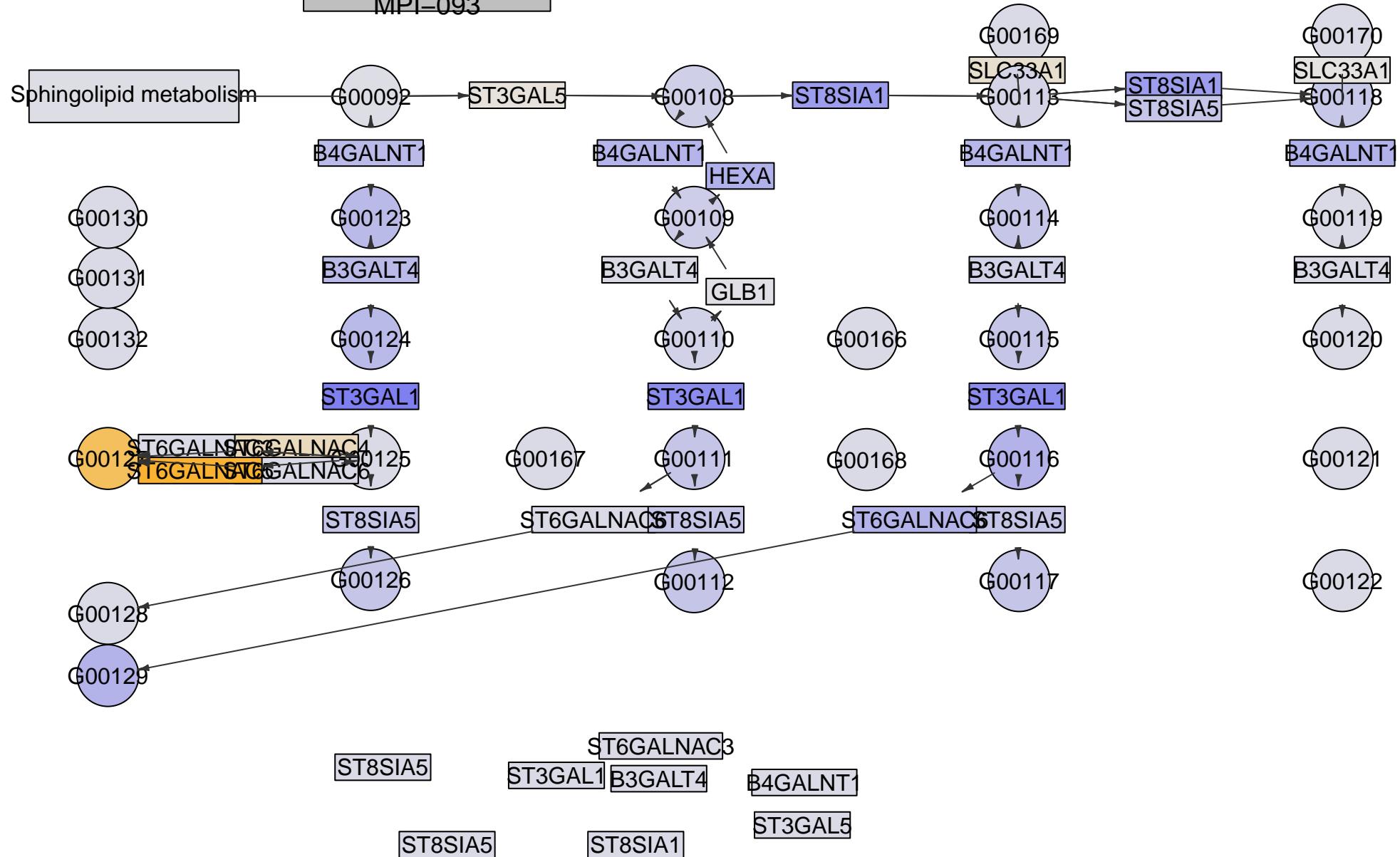
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-070



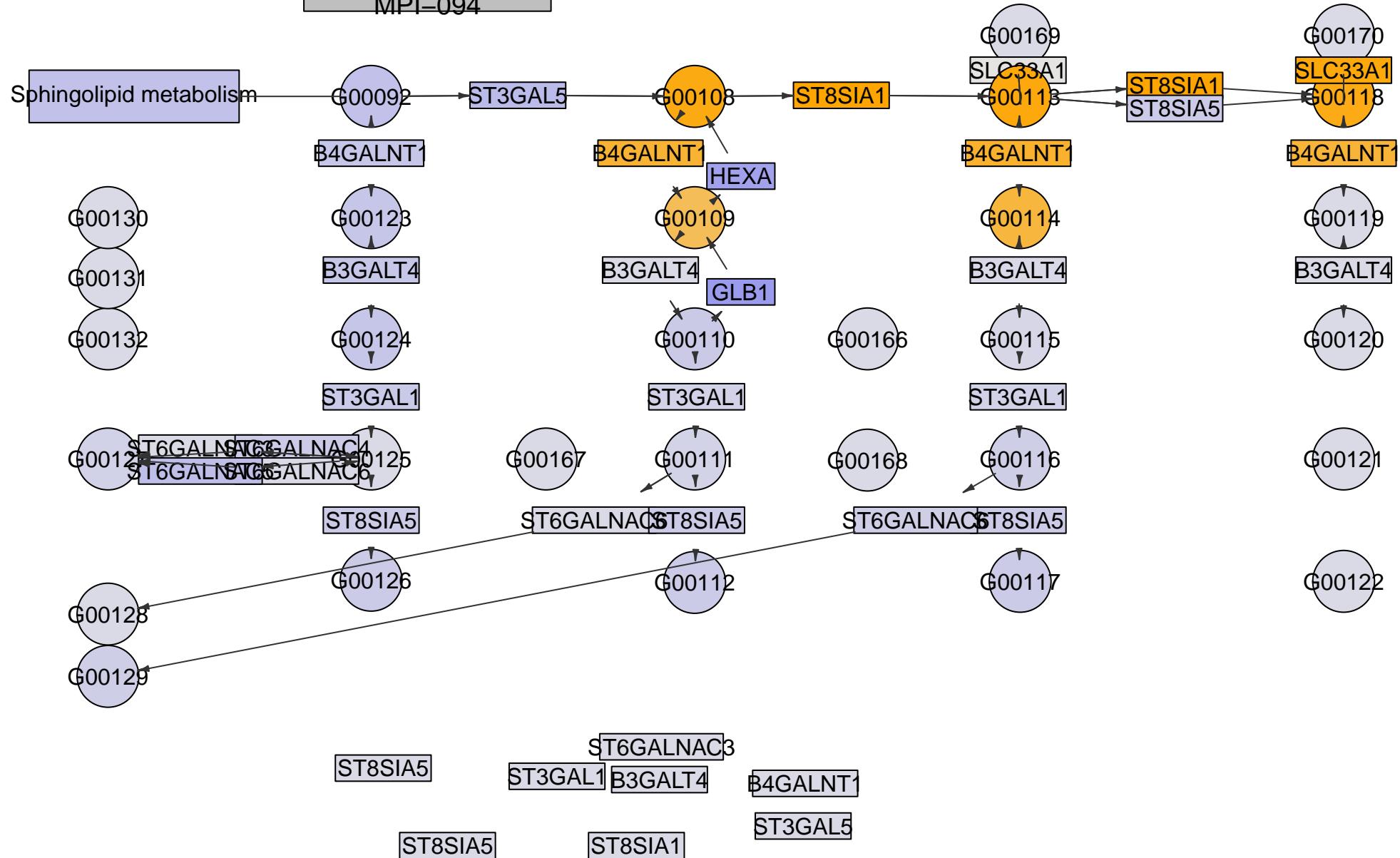
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-072



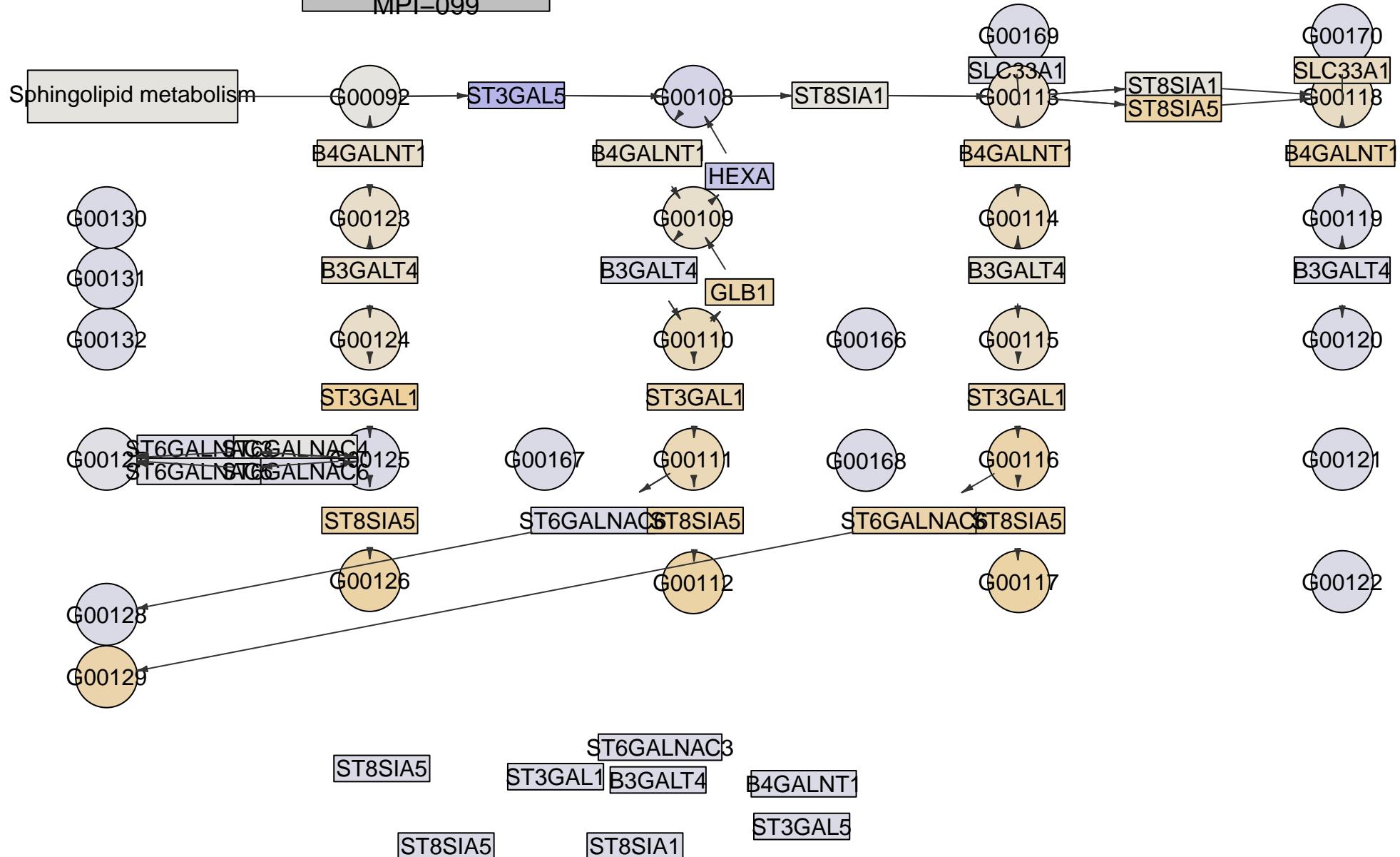
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-093



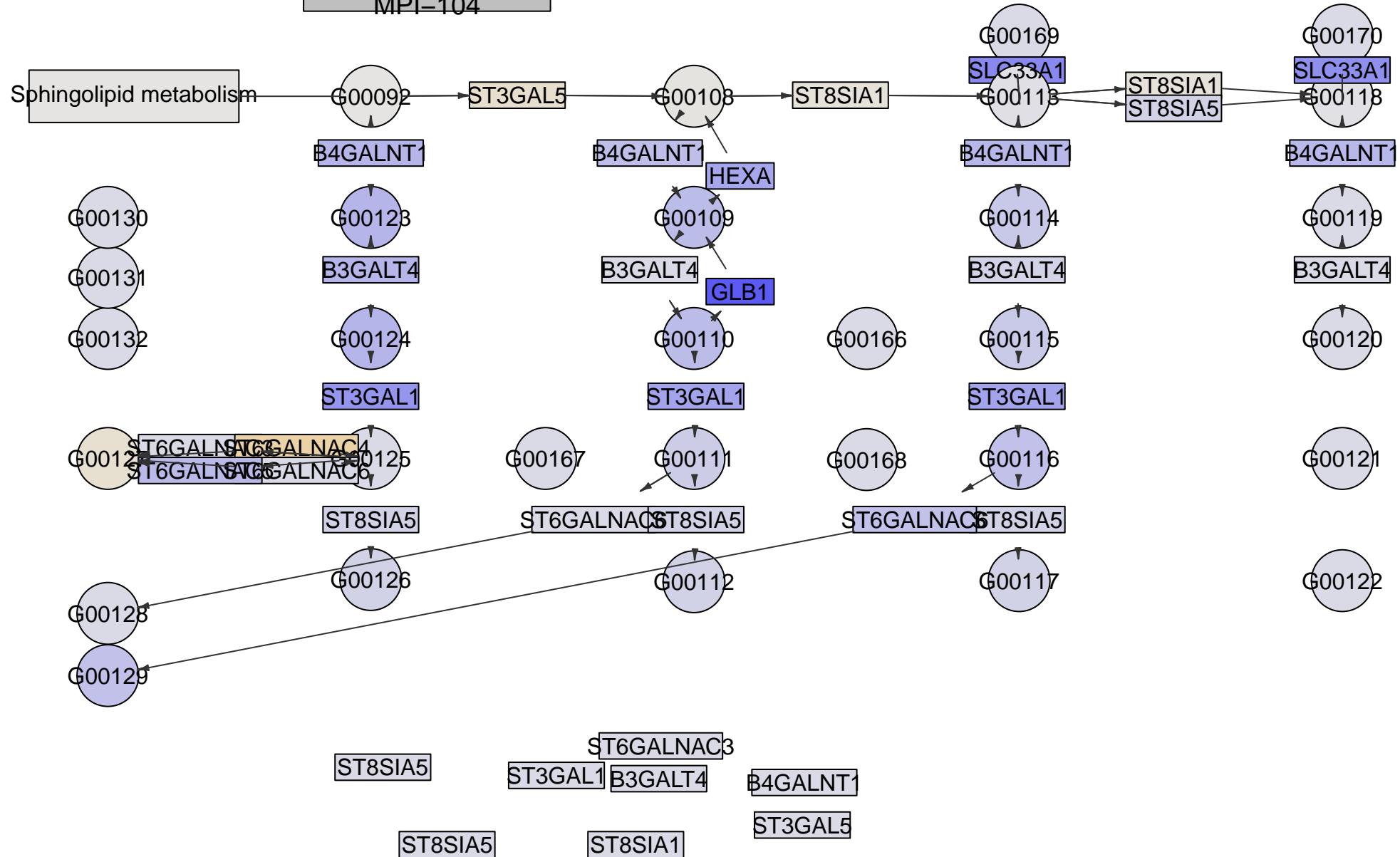
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-094



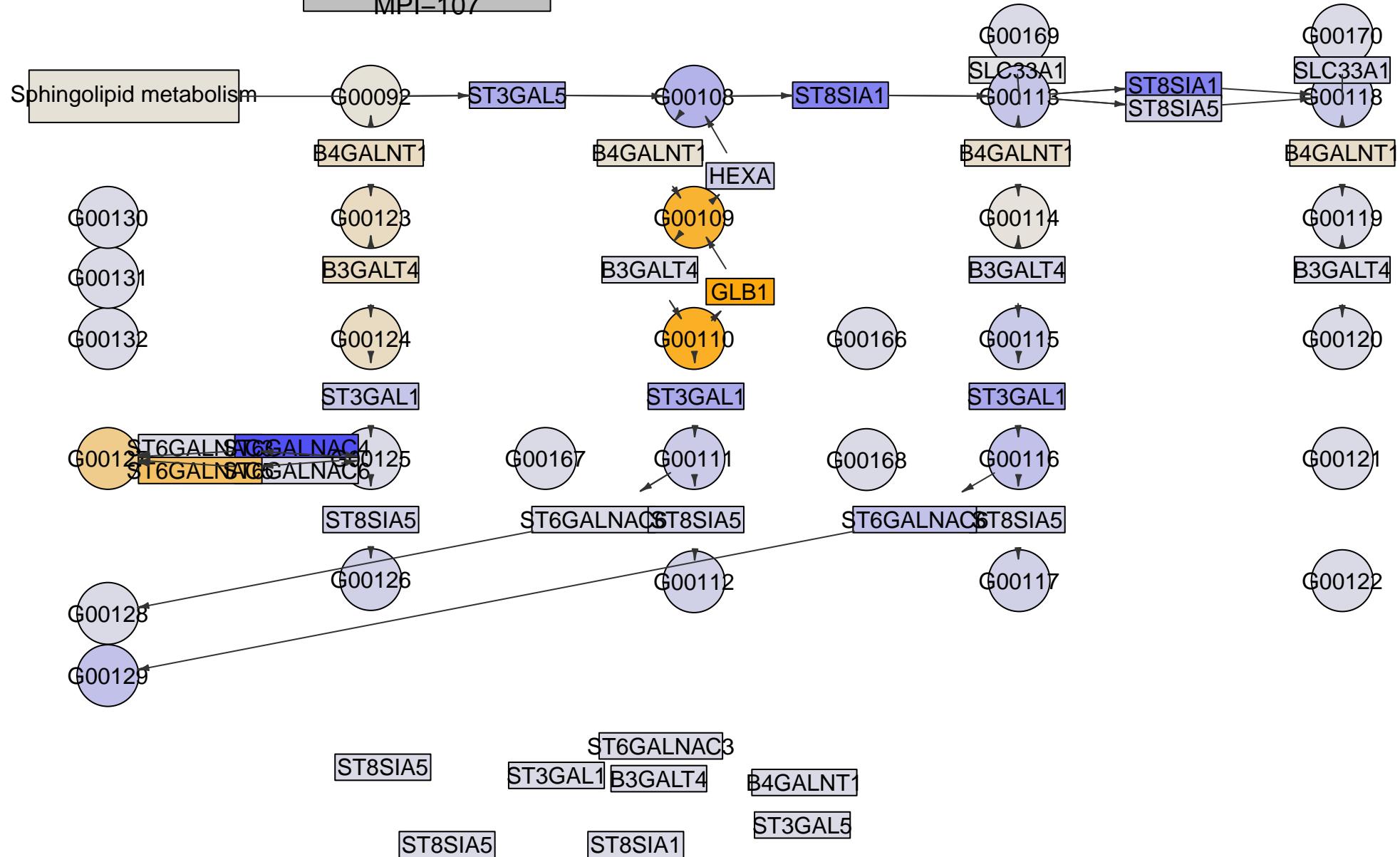
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-099



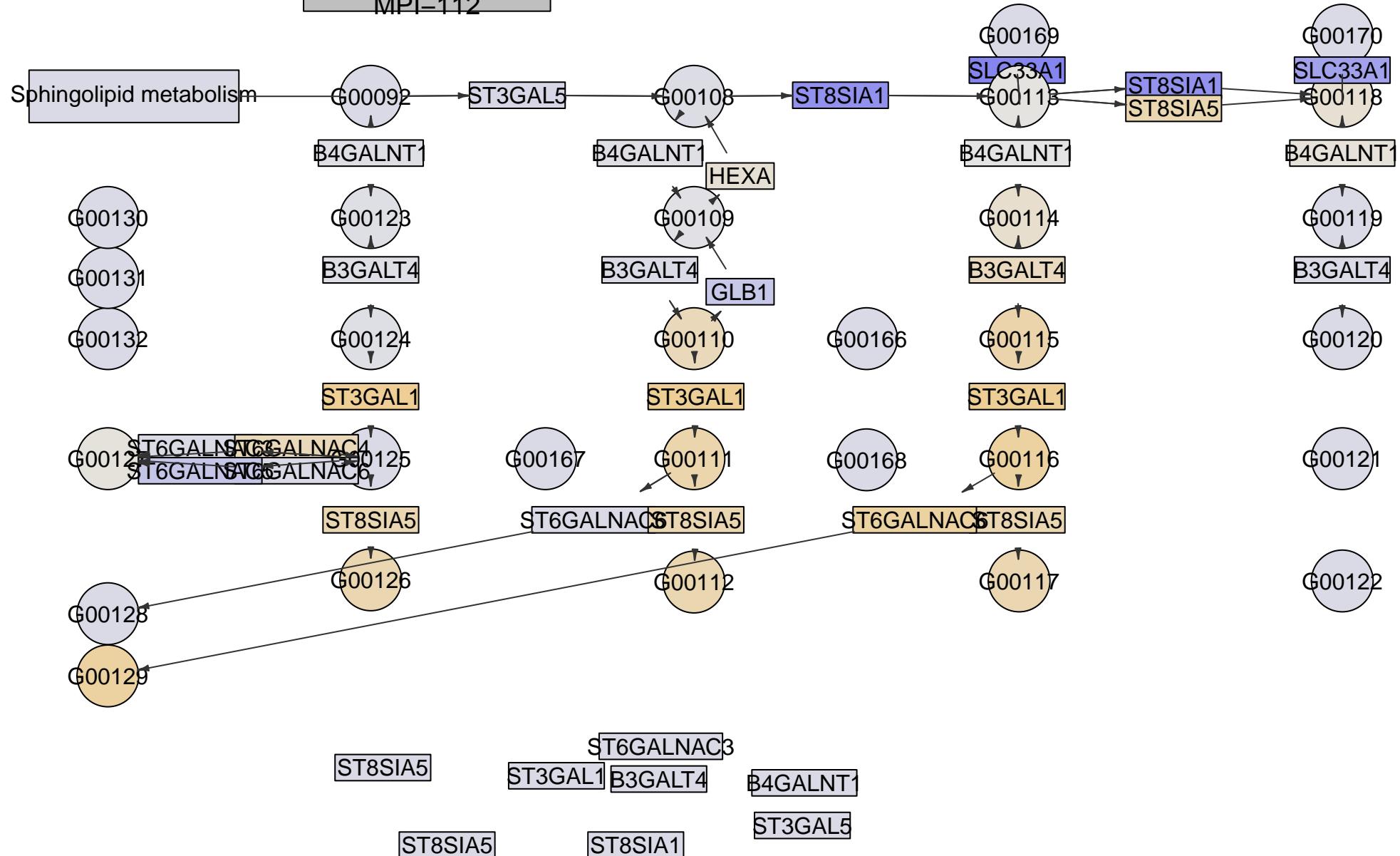
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-104



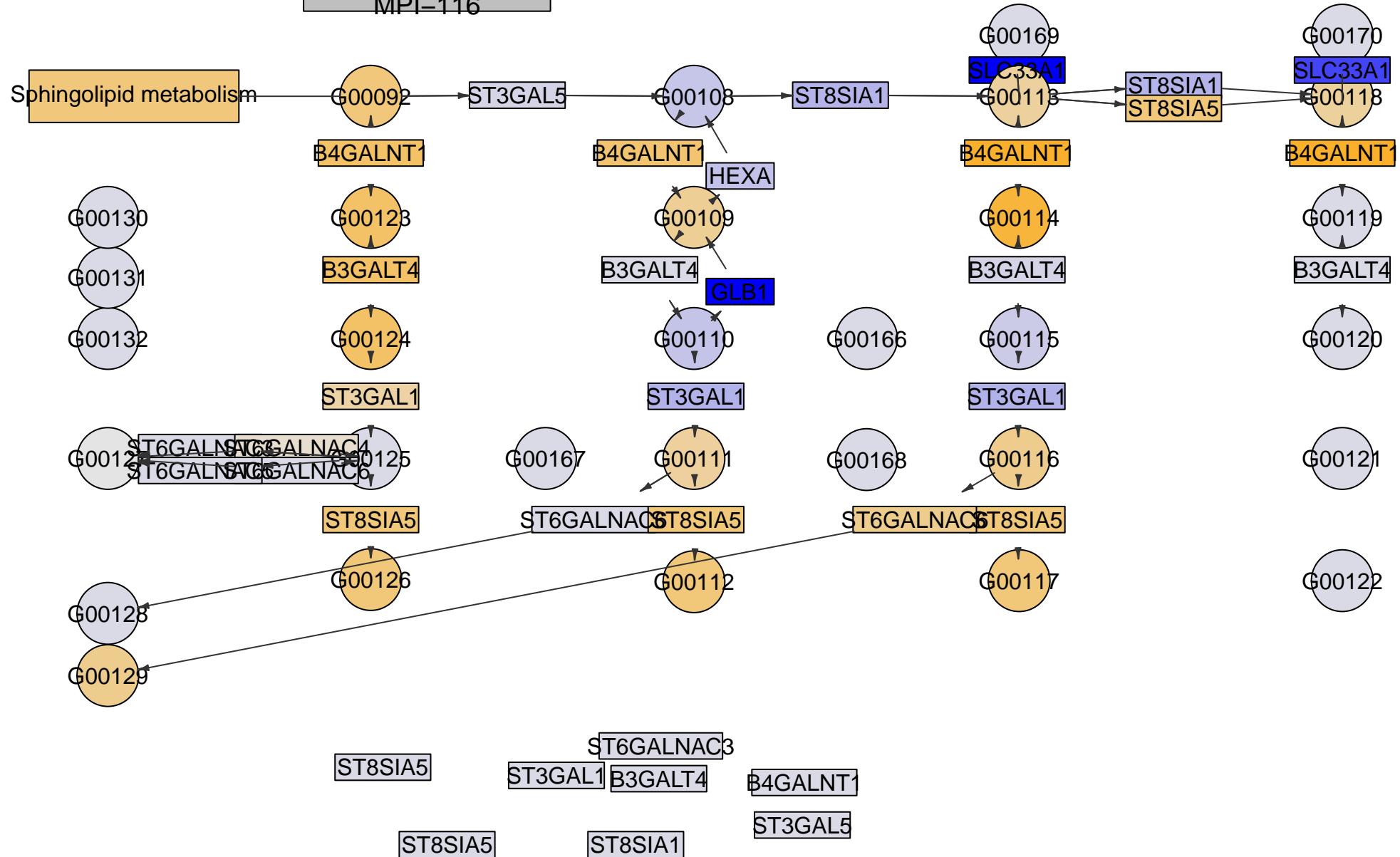
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-107



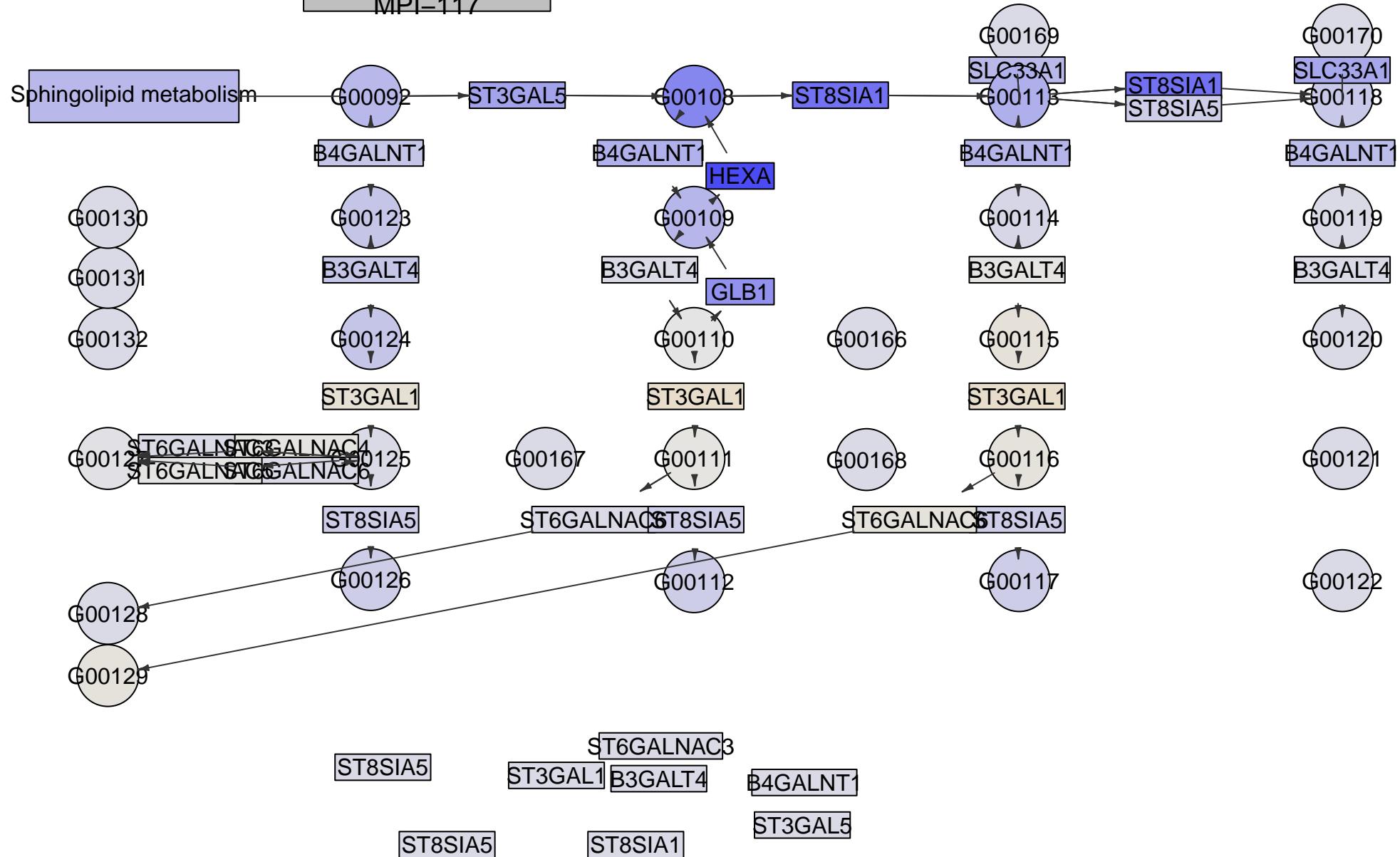
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-112



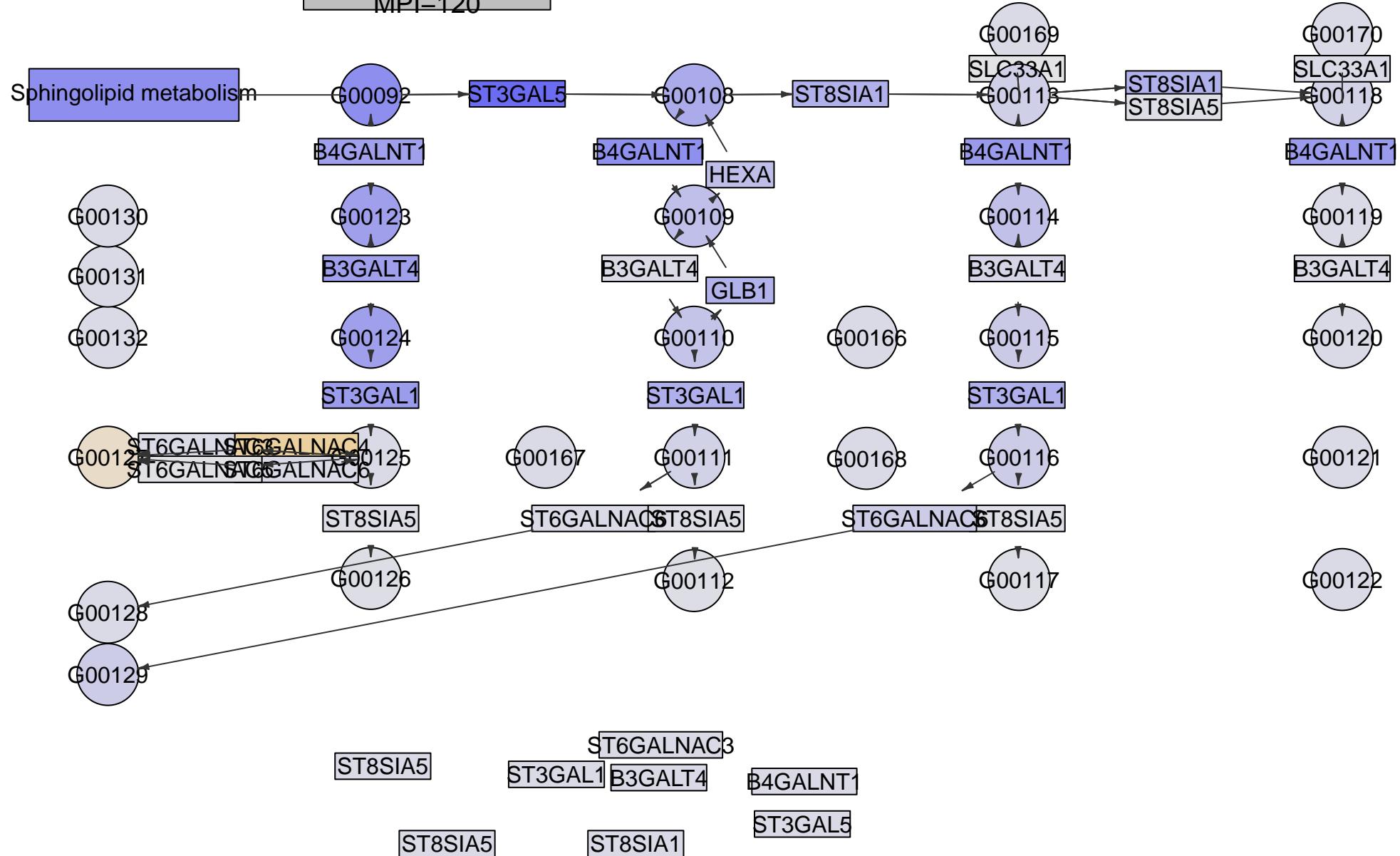
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-116



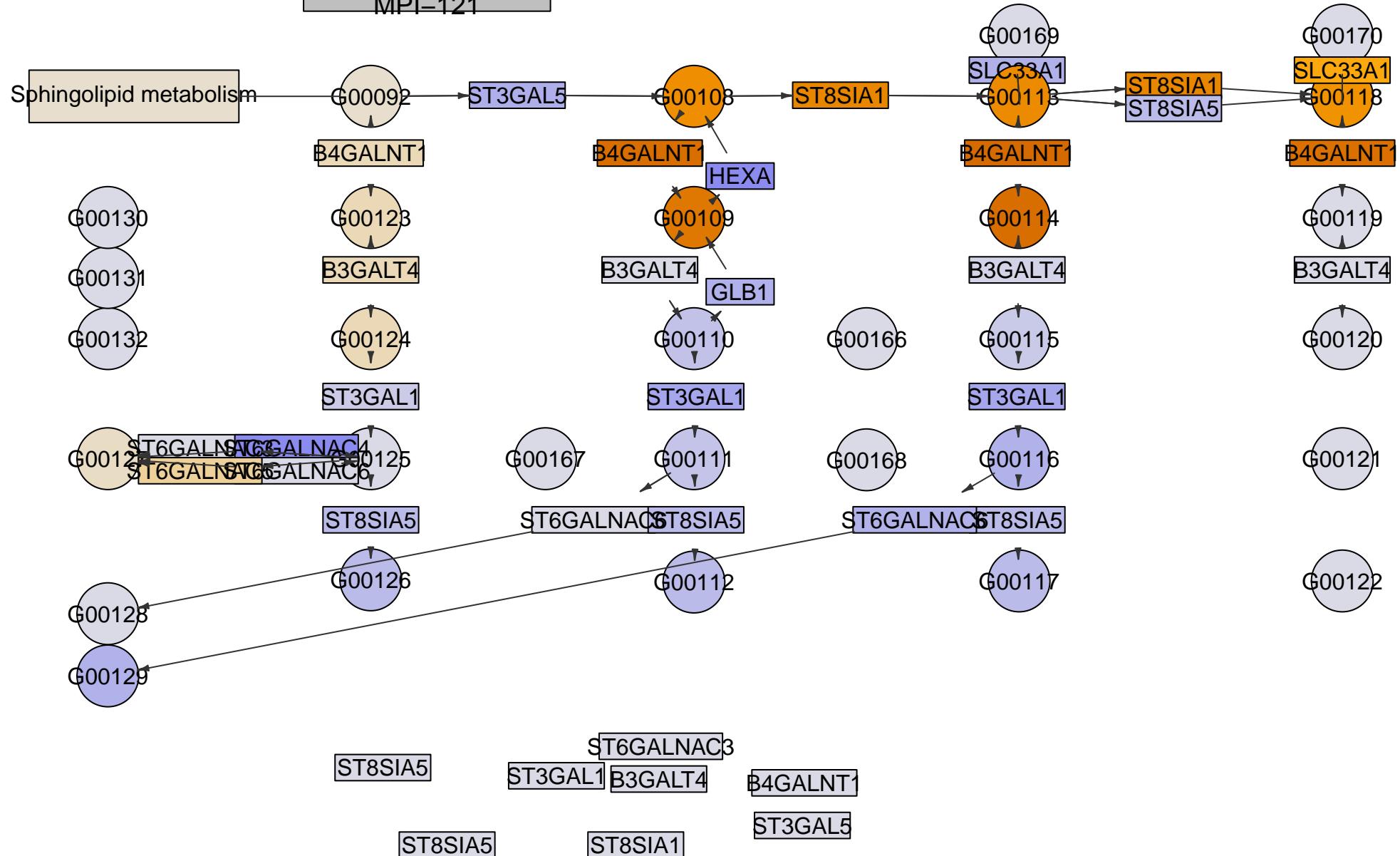
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-117



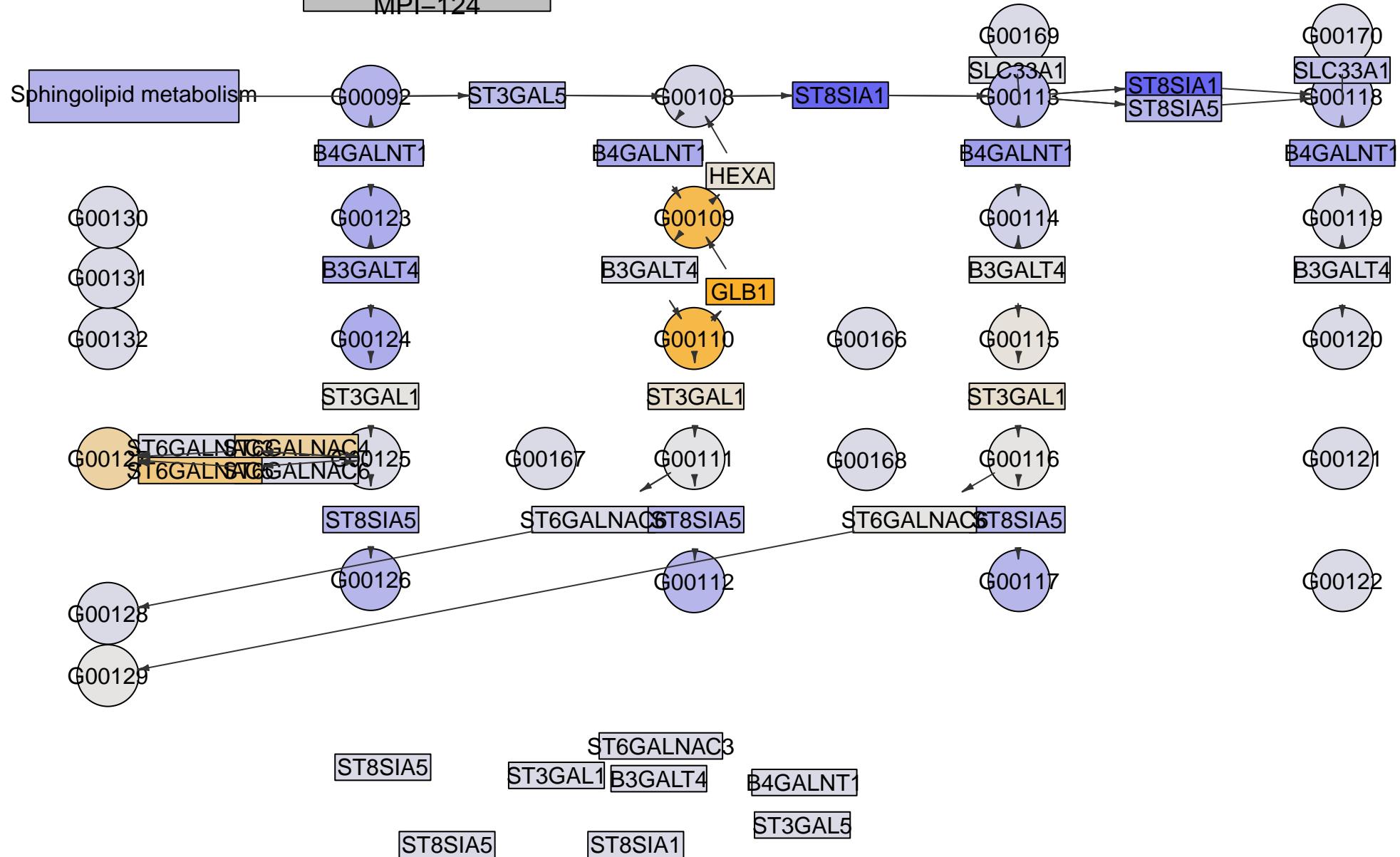
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-120



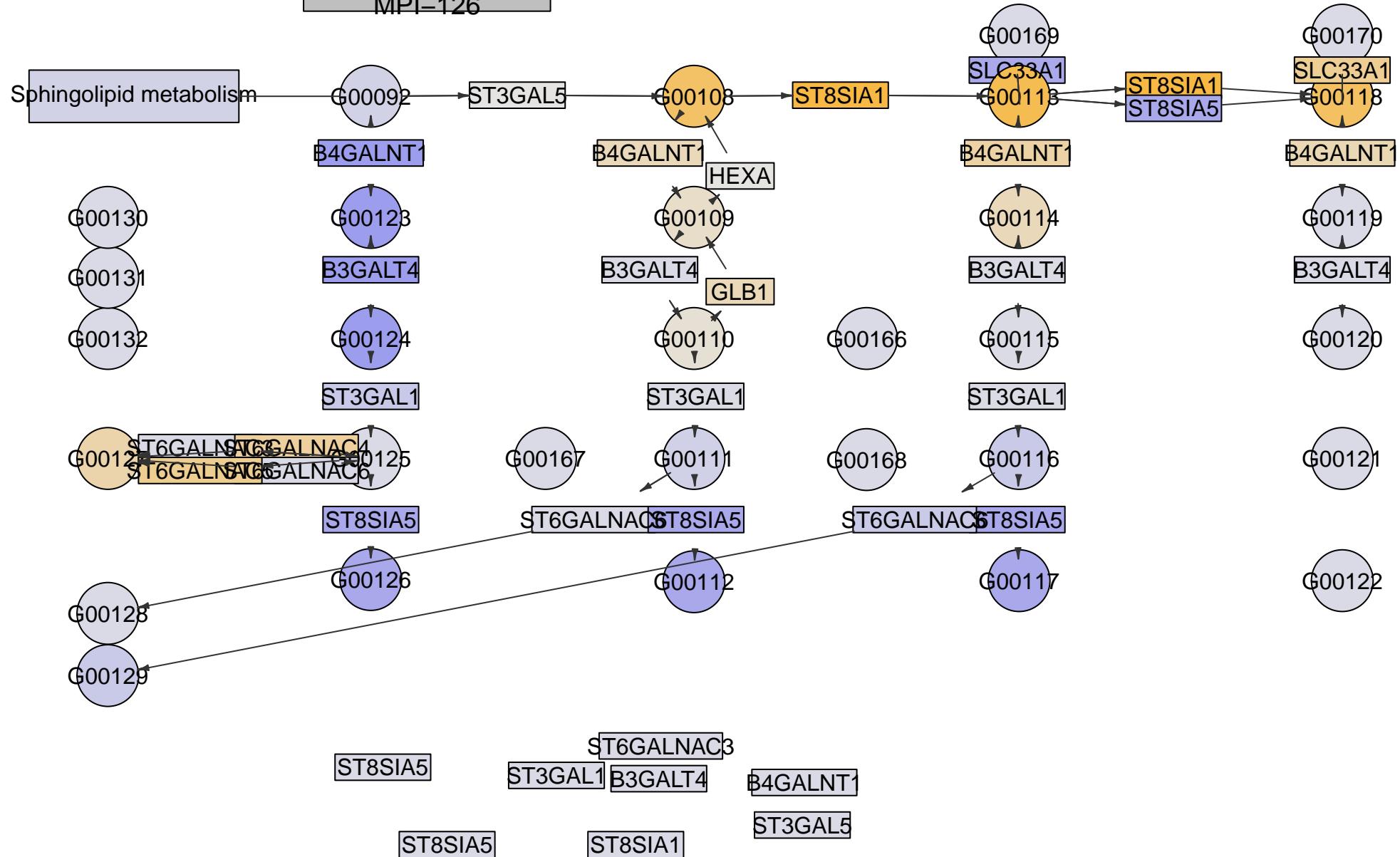
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-121



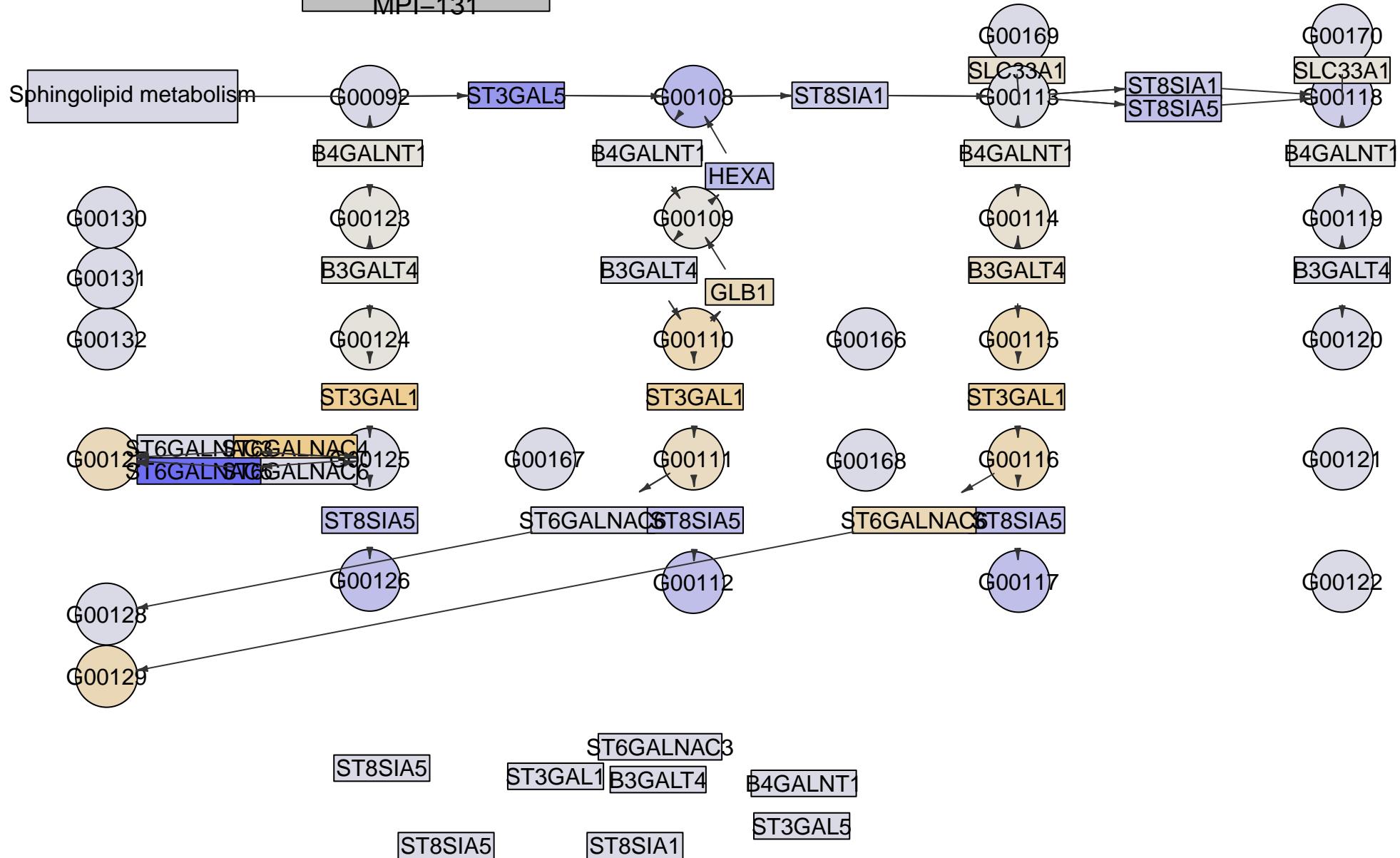
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-124



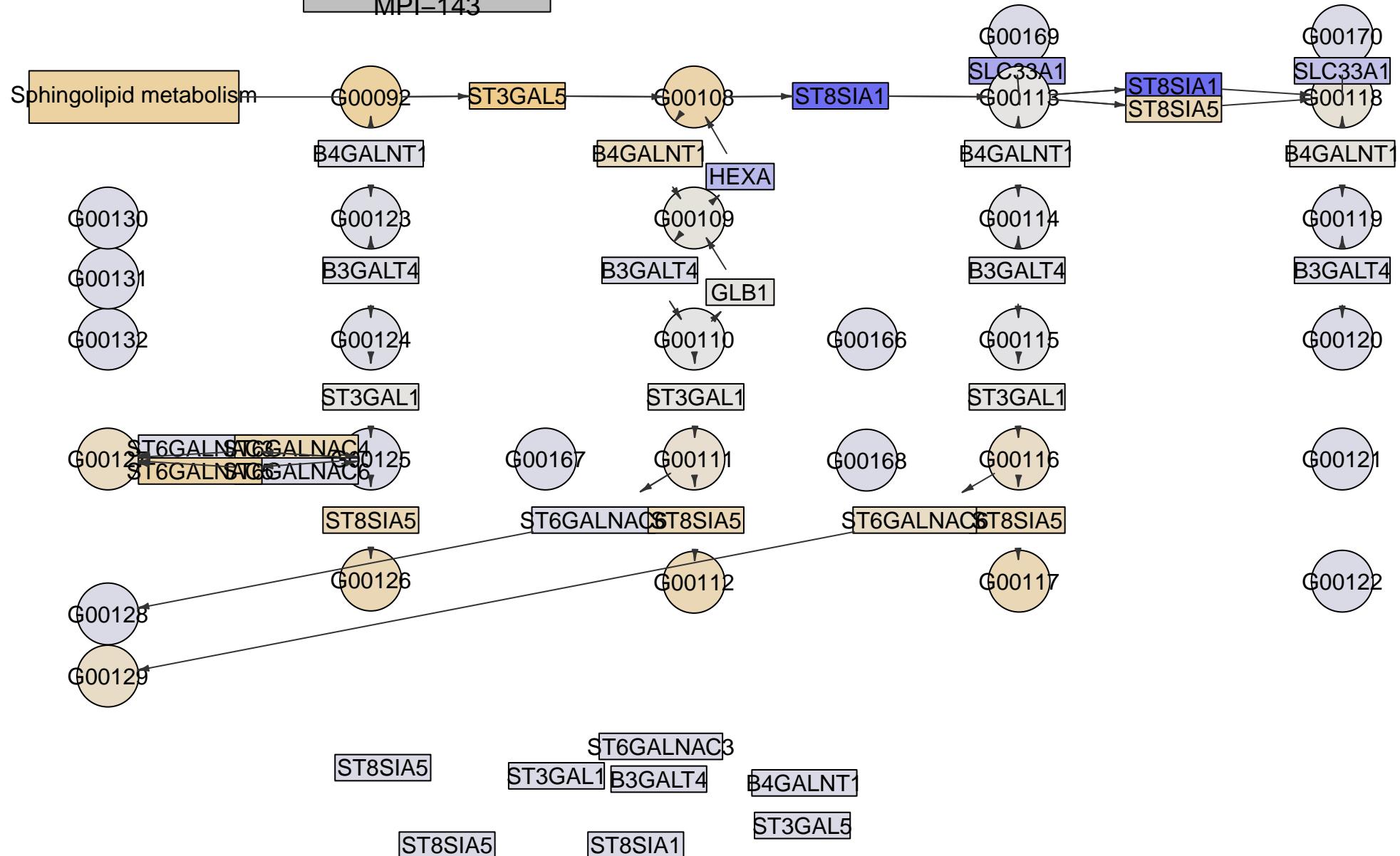
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-126



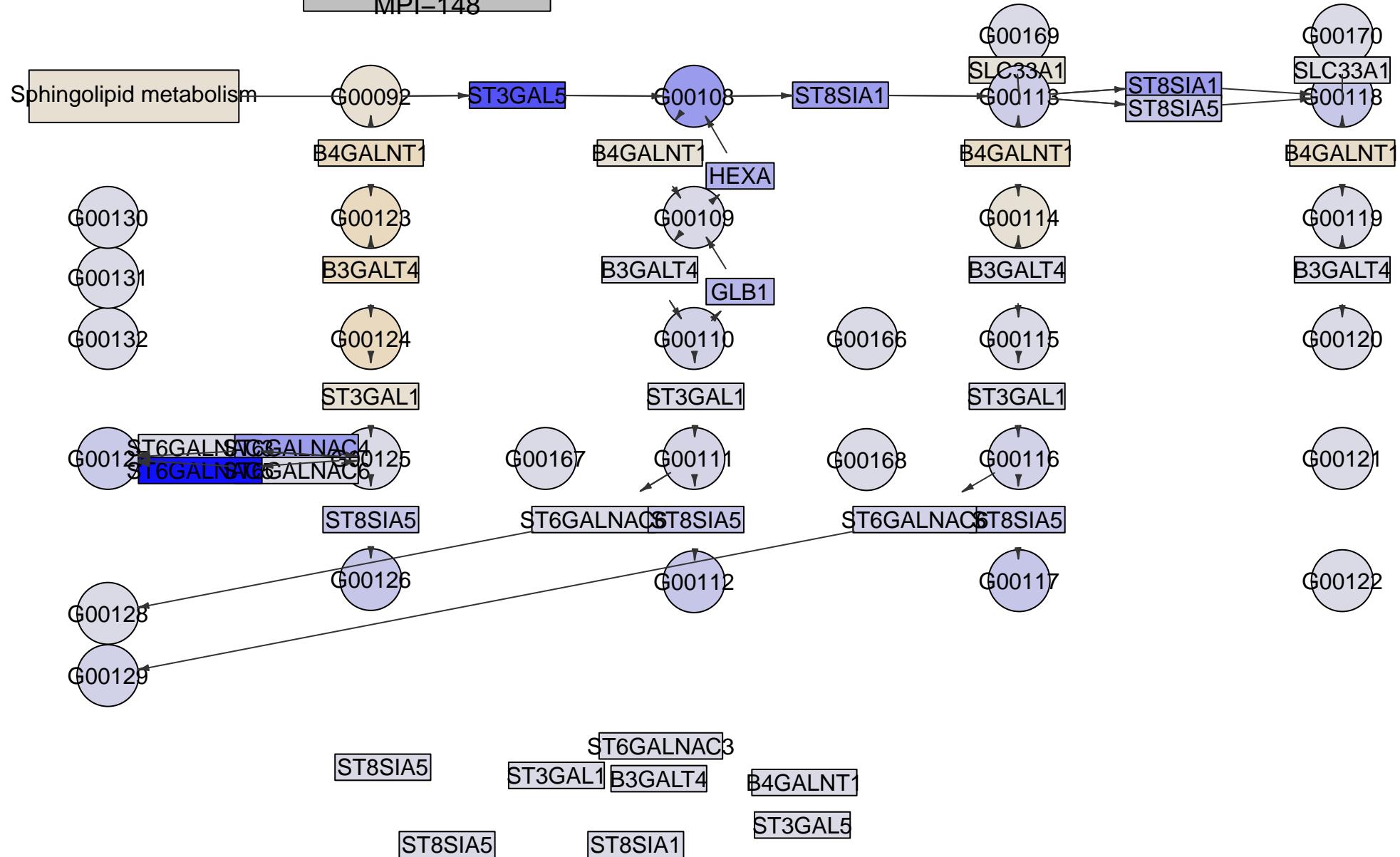
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-131



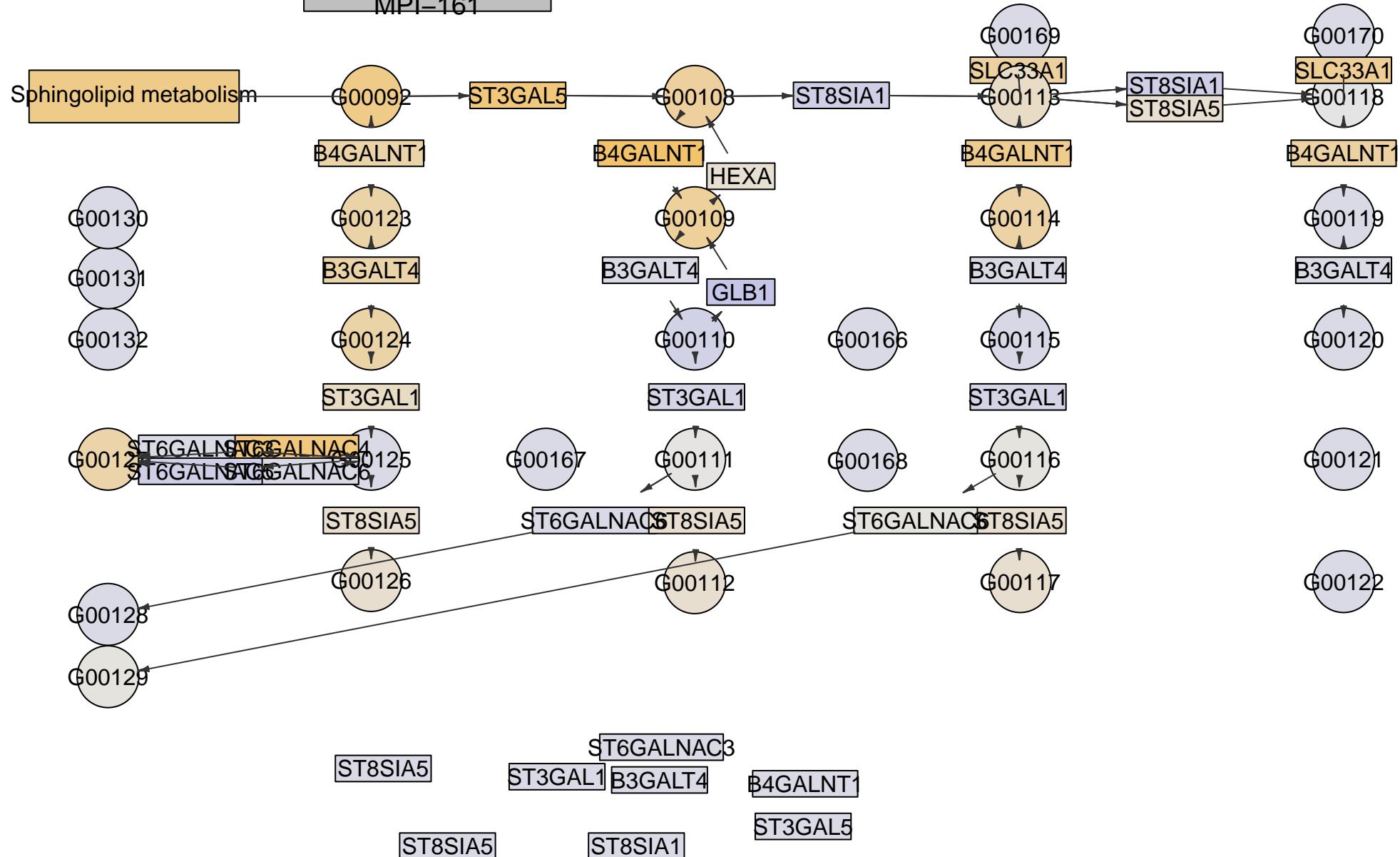
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-143



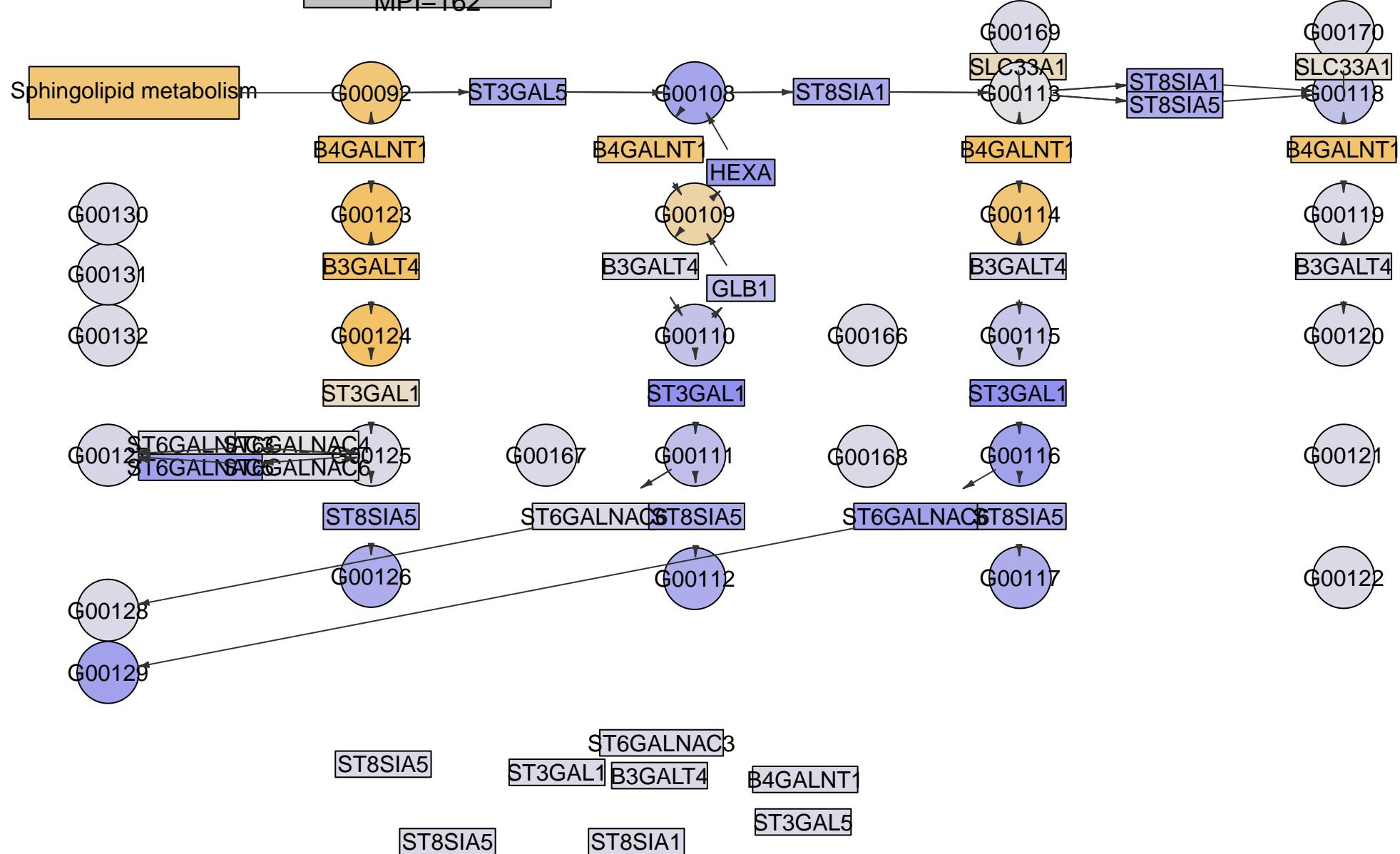
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-148



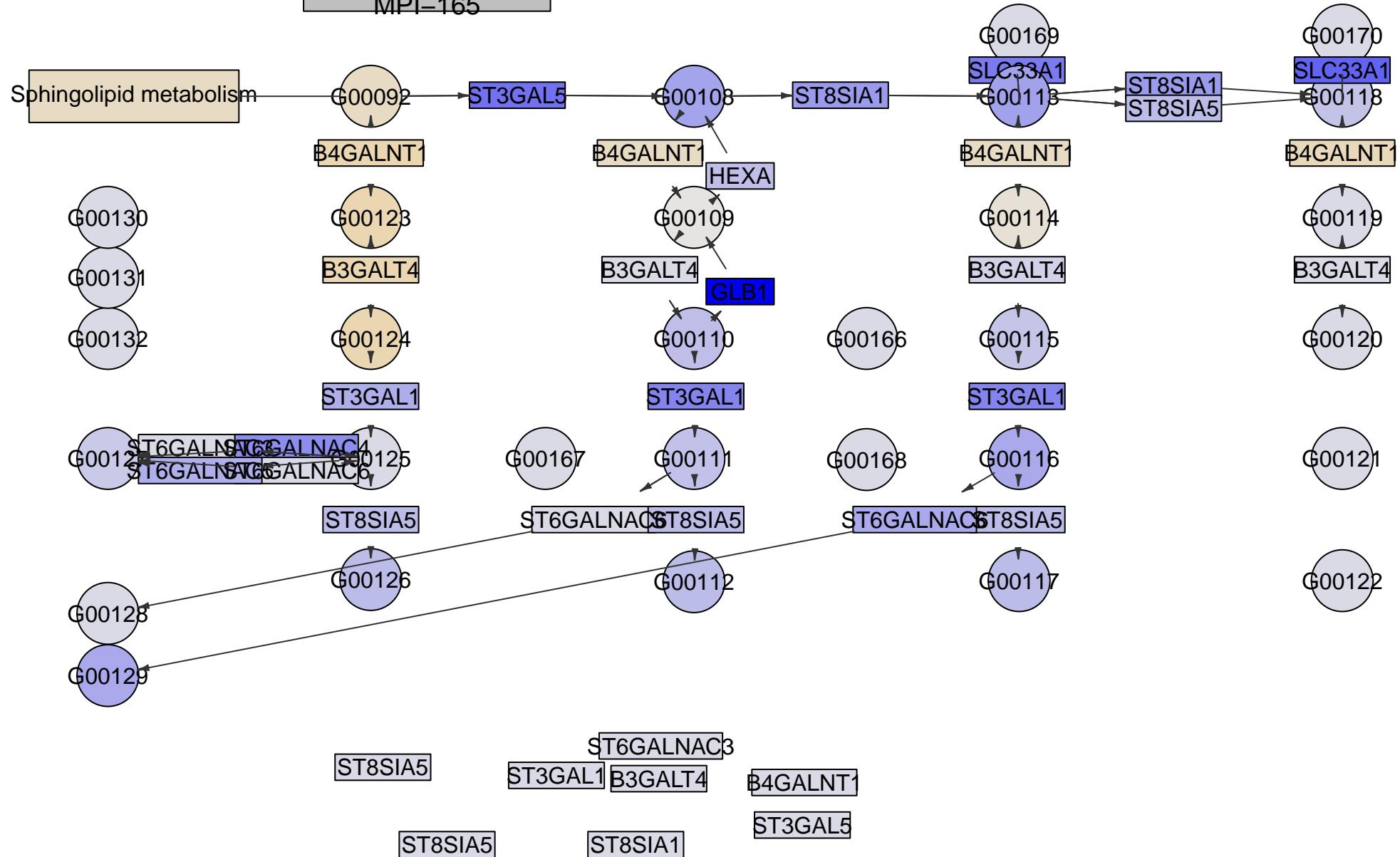
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-161



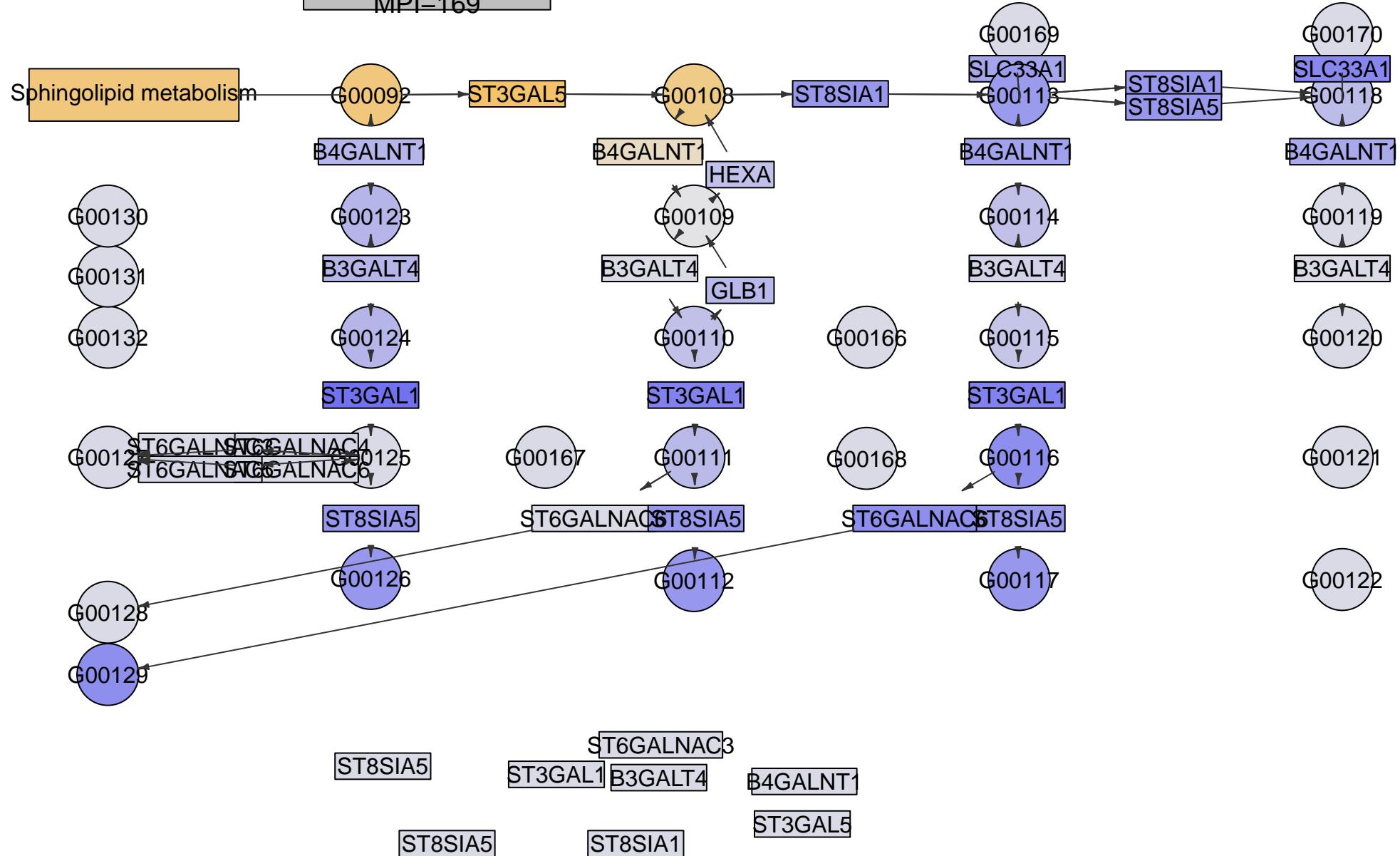
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-162



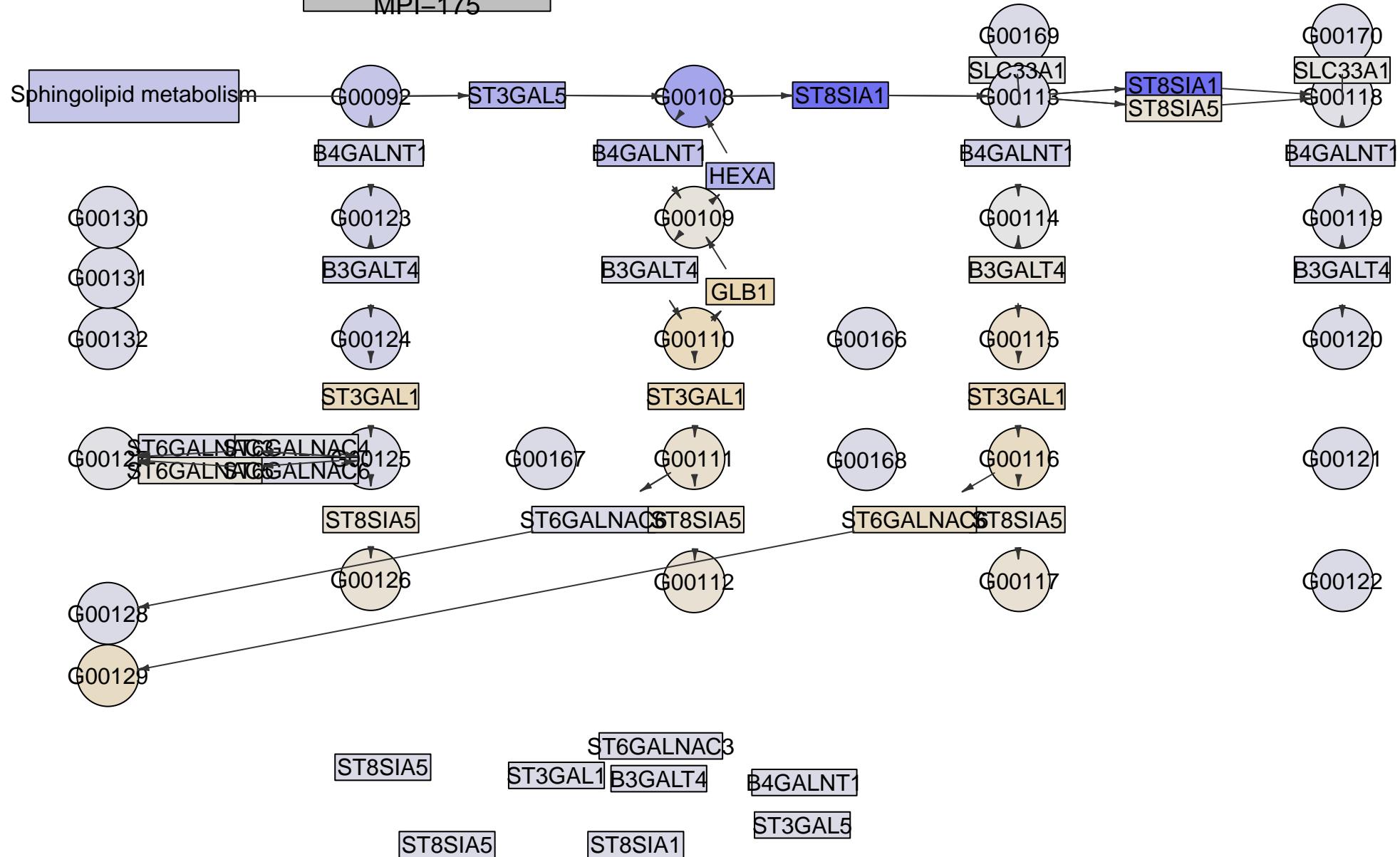
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-165



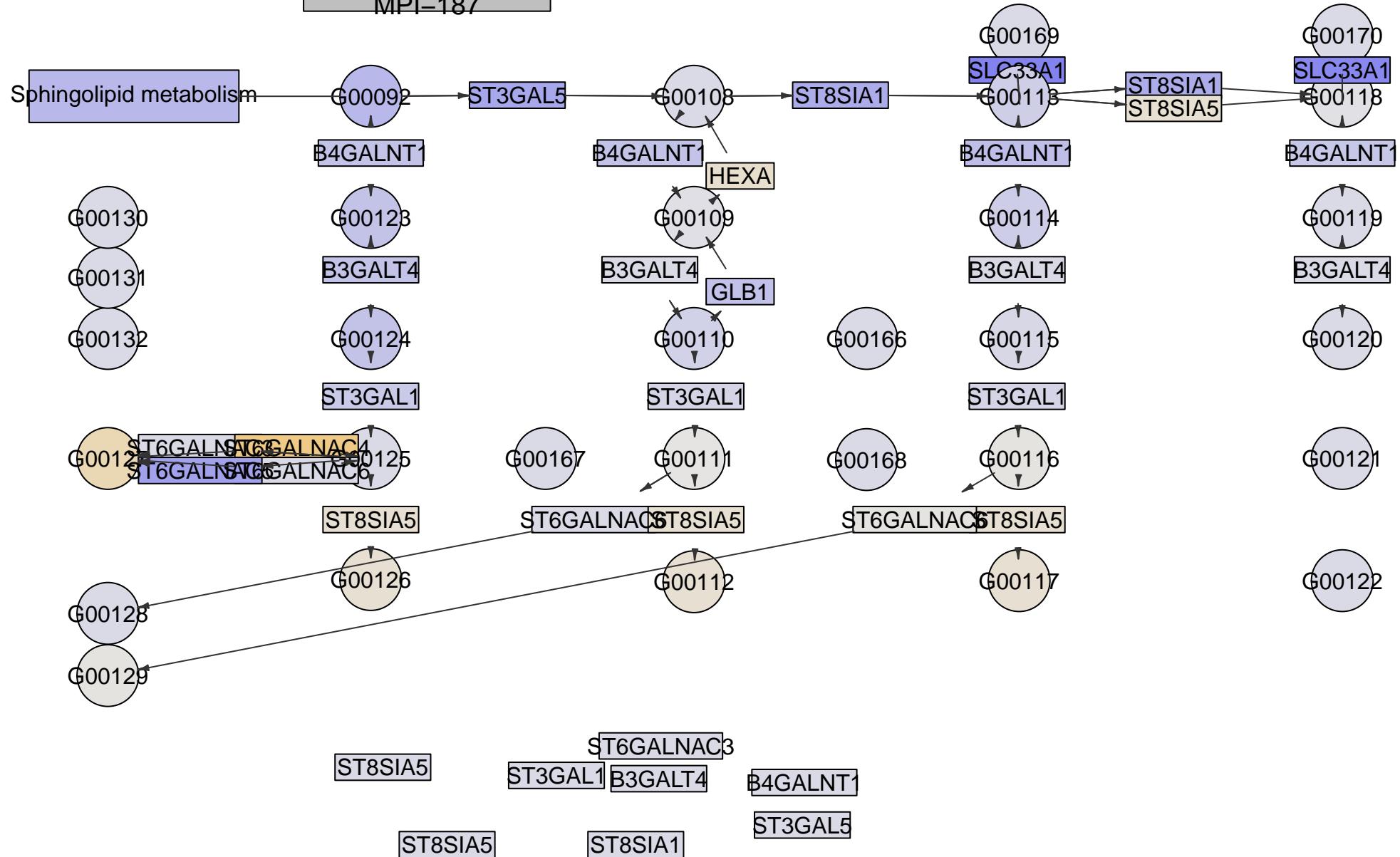
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-169



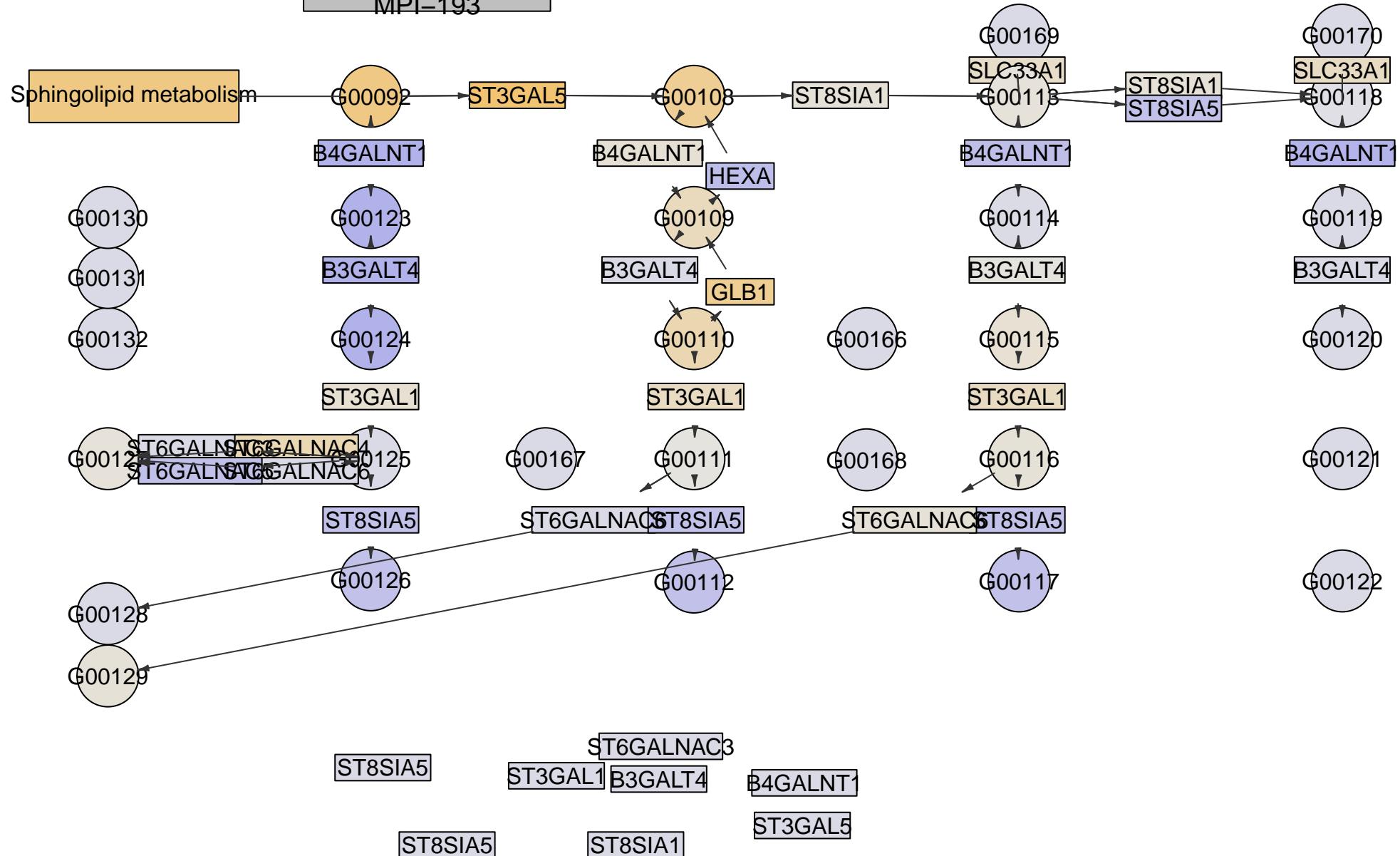
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-175



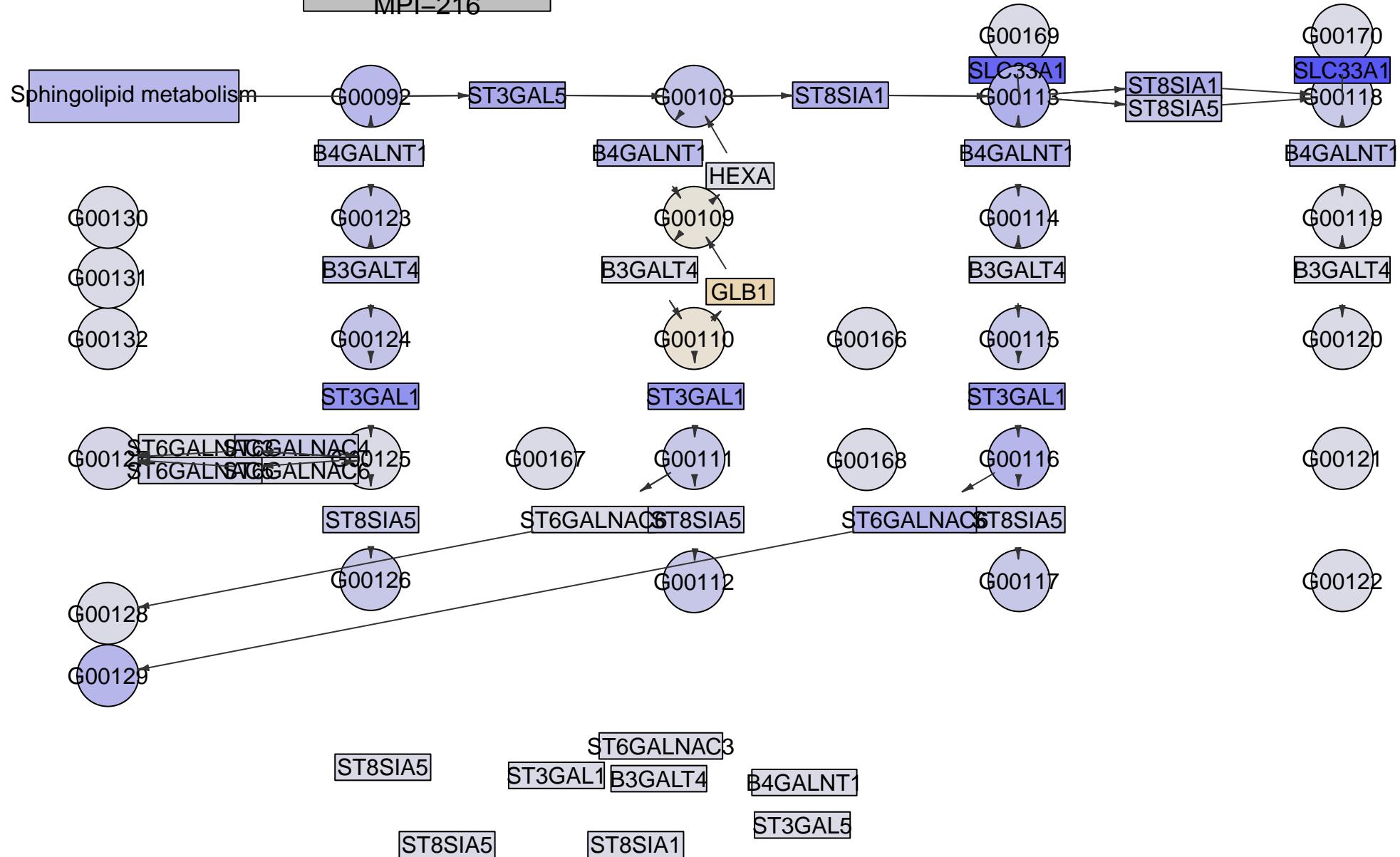
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-187



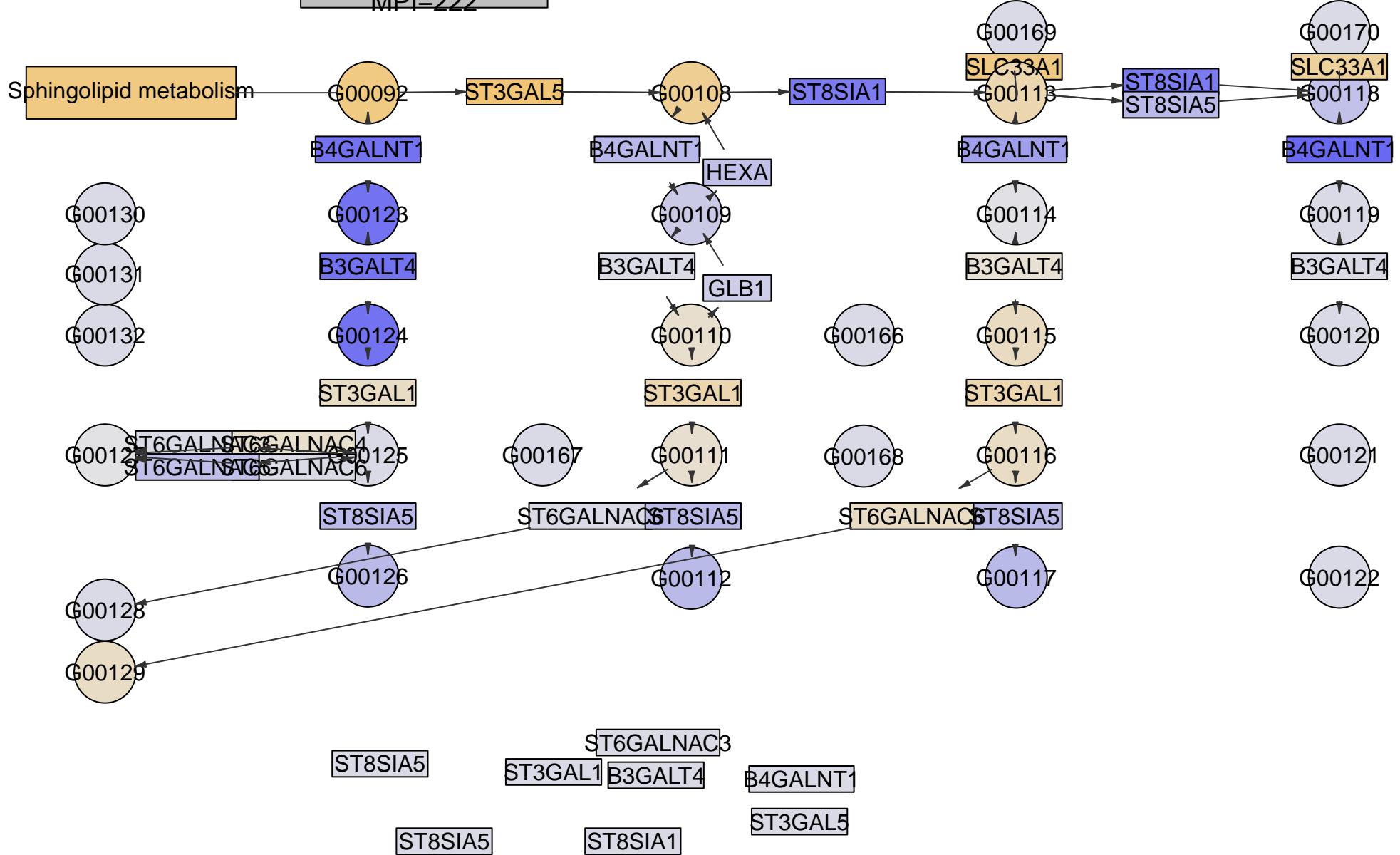
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-193



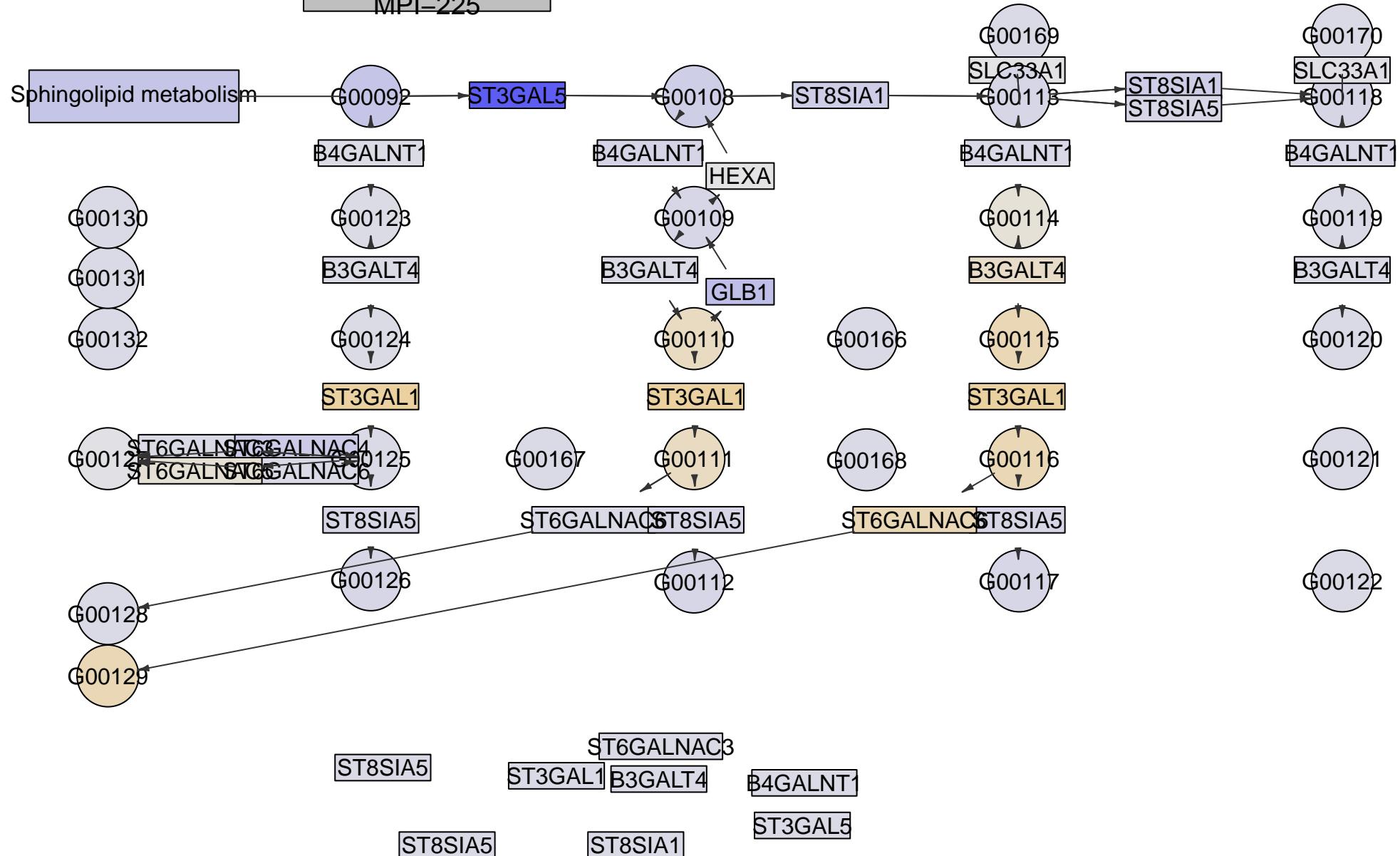
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-216



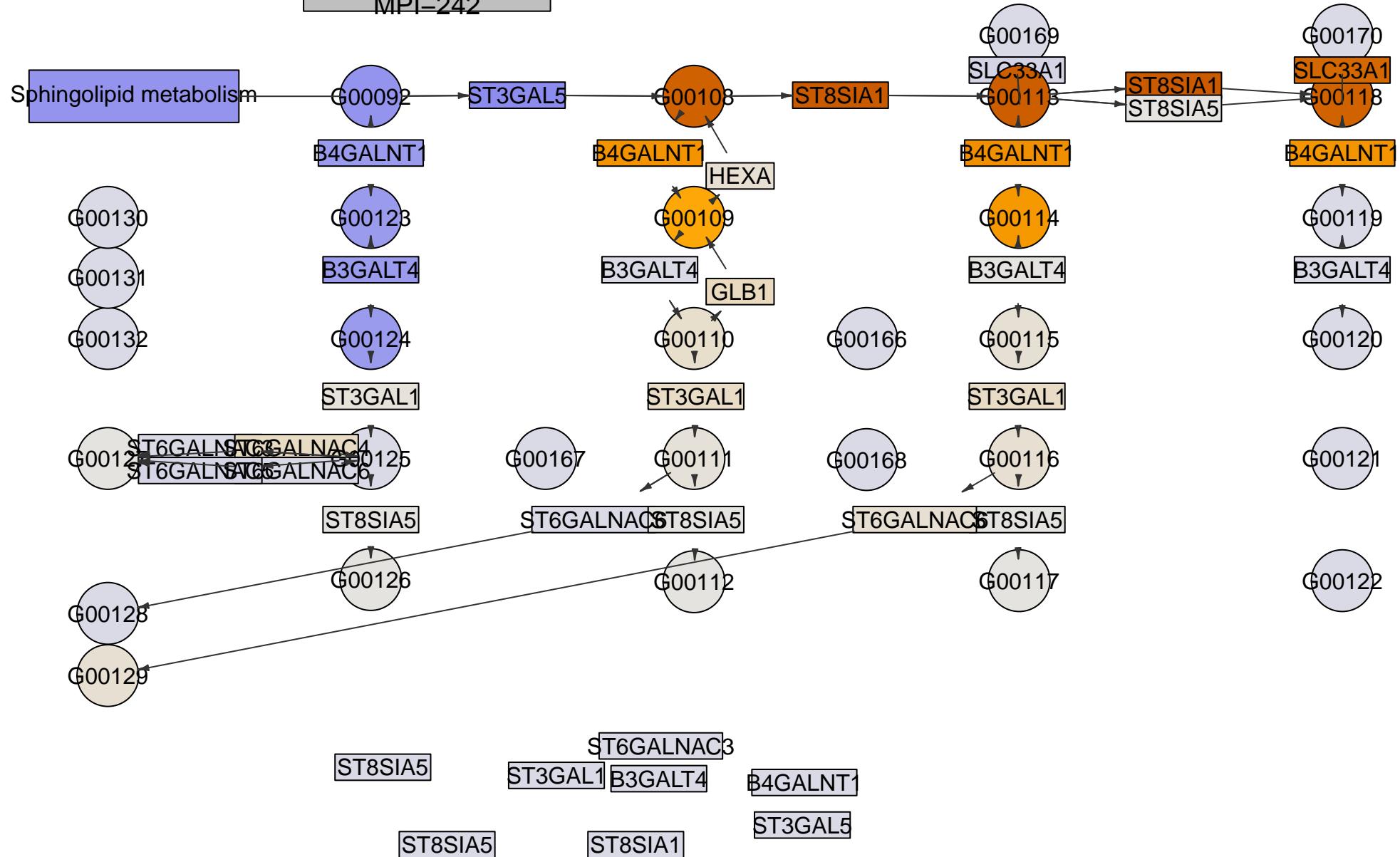
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-222



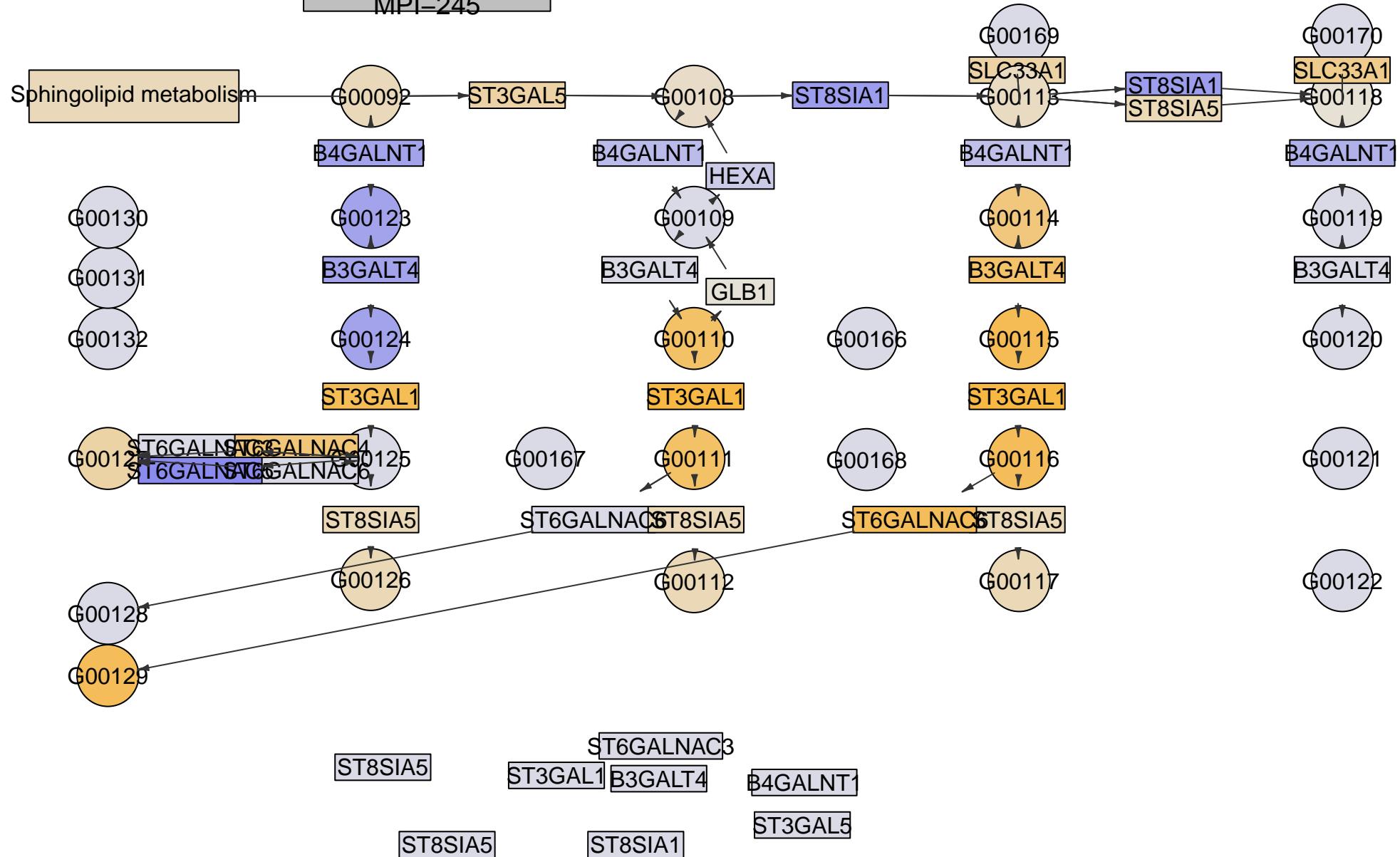
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-225



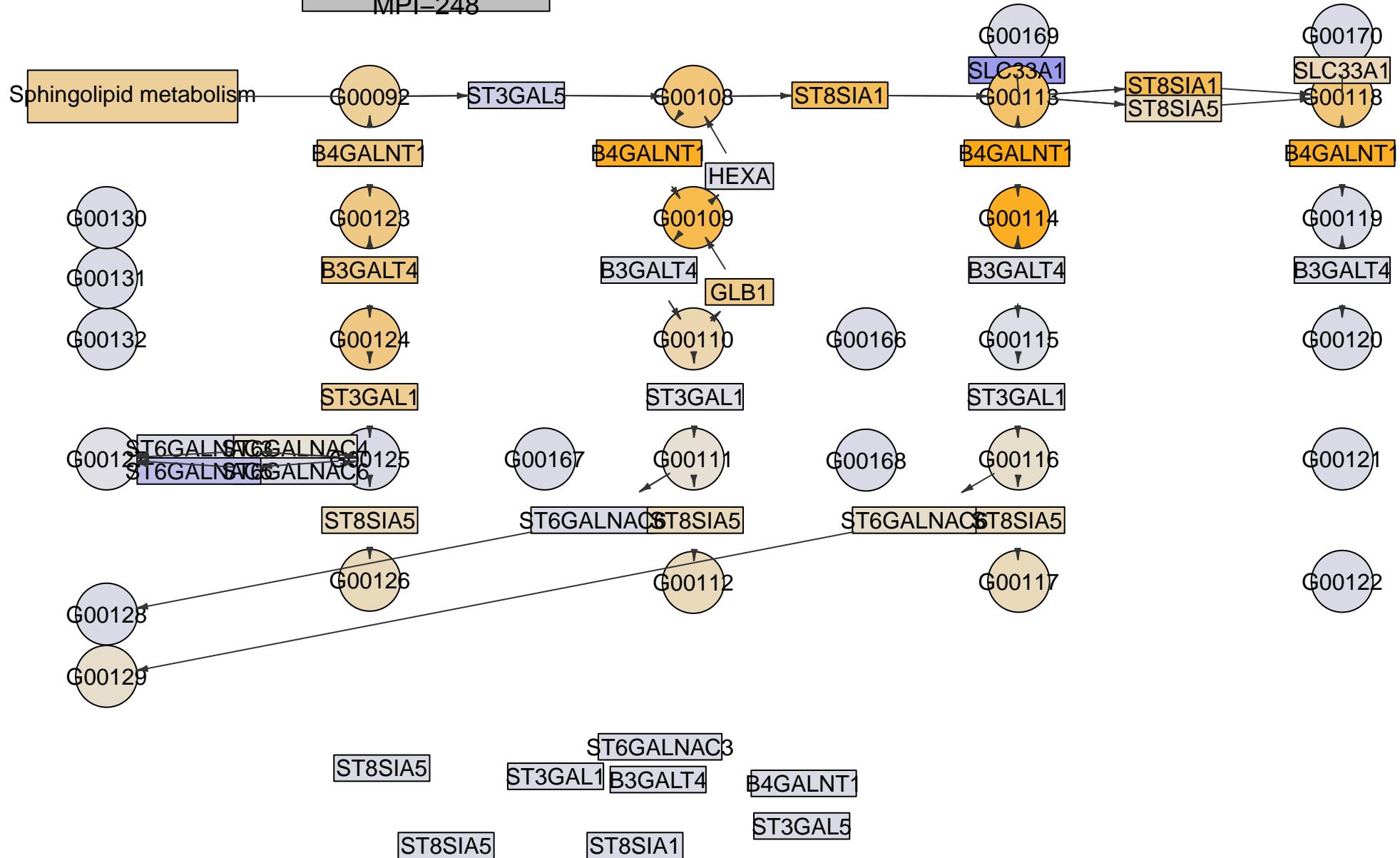
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-242



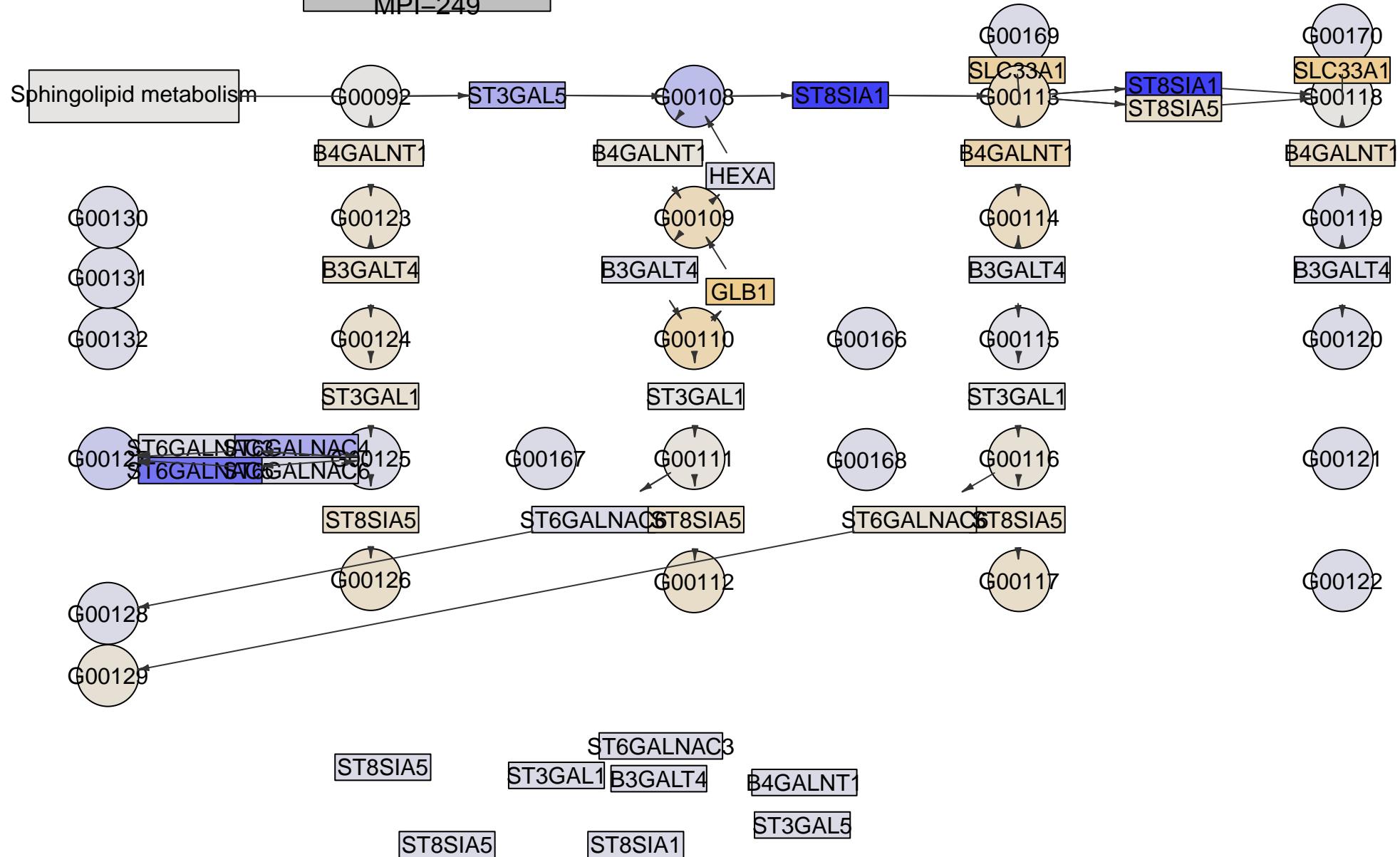
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-245



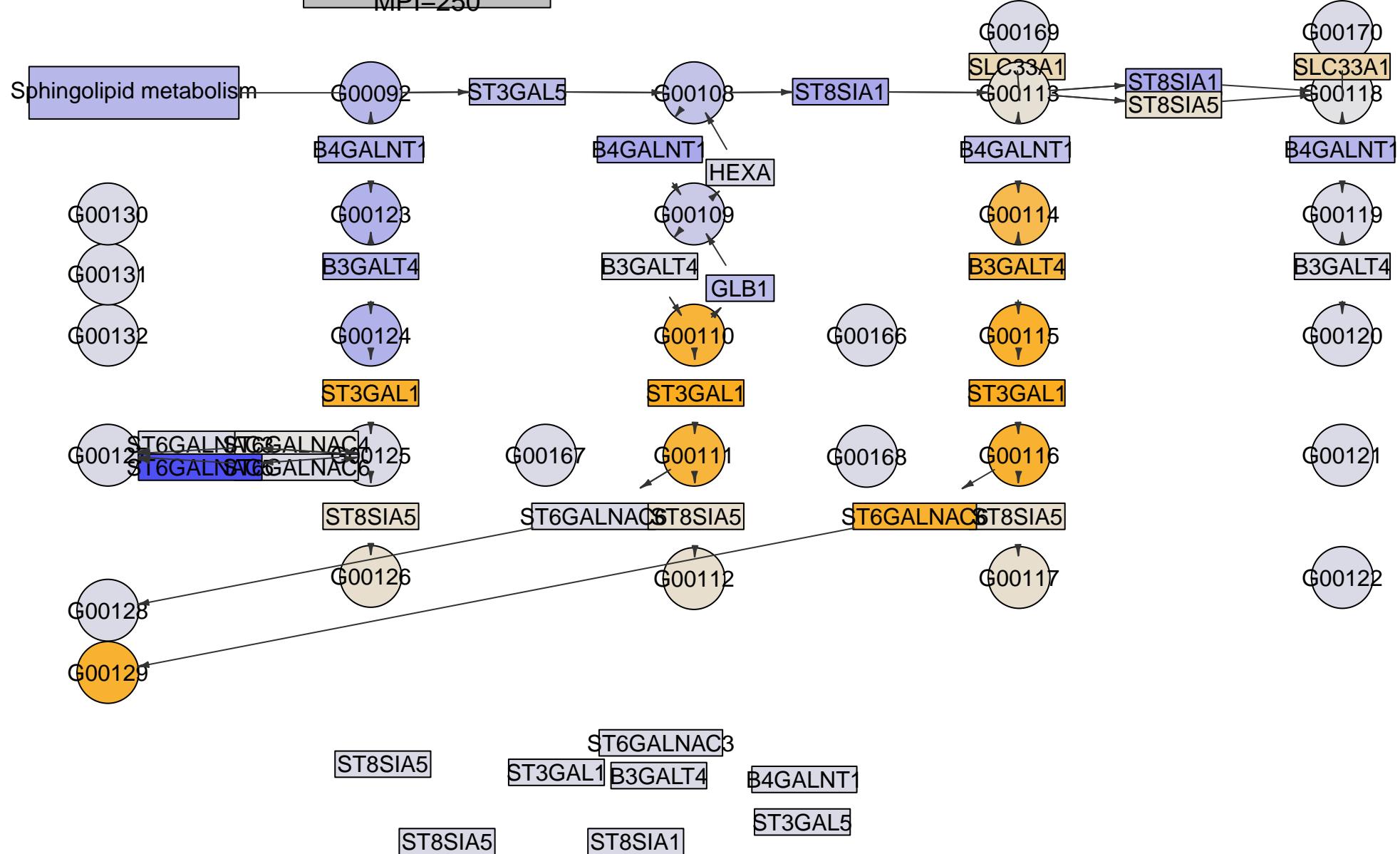
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-248



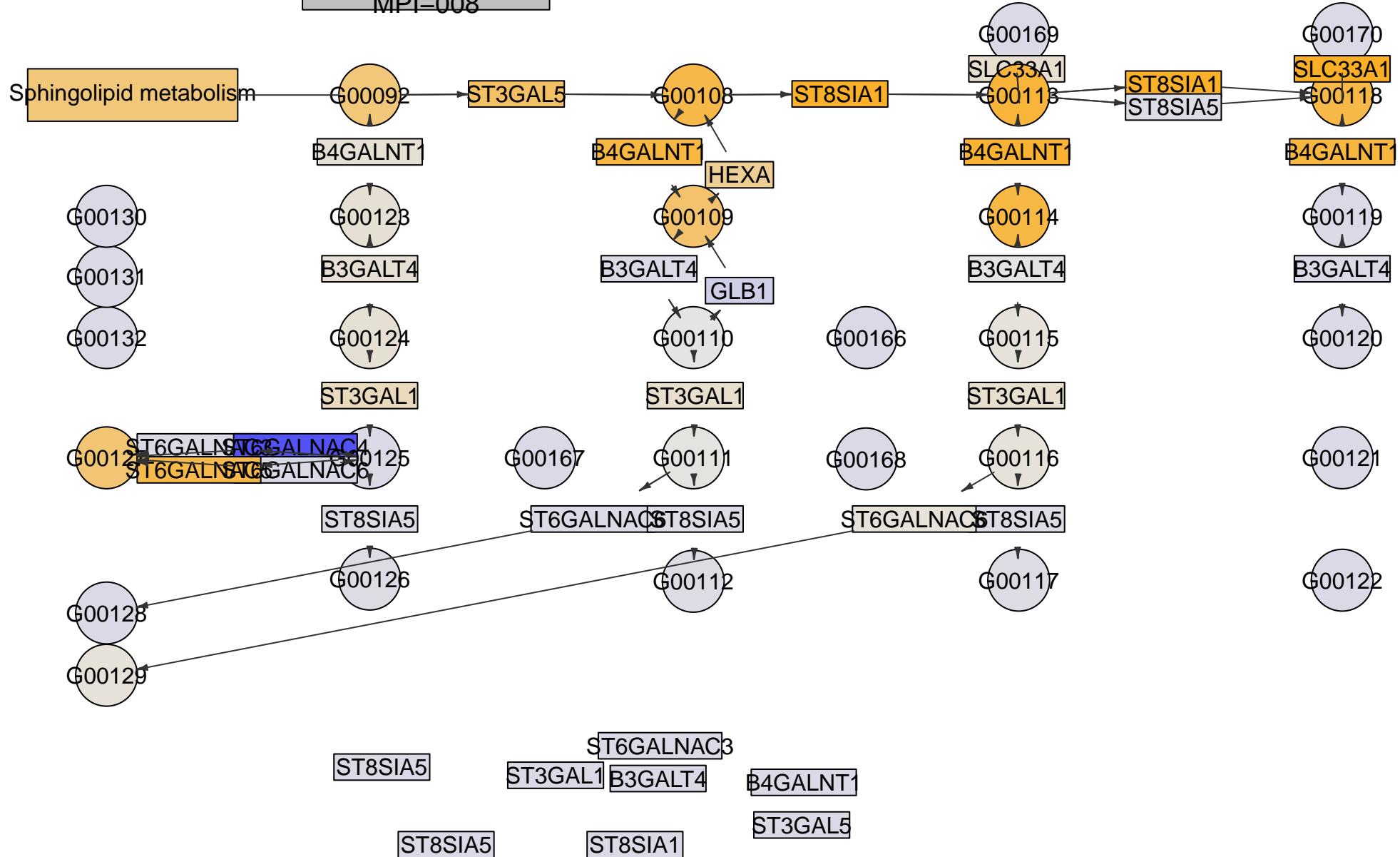
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-249



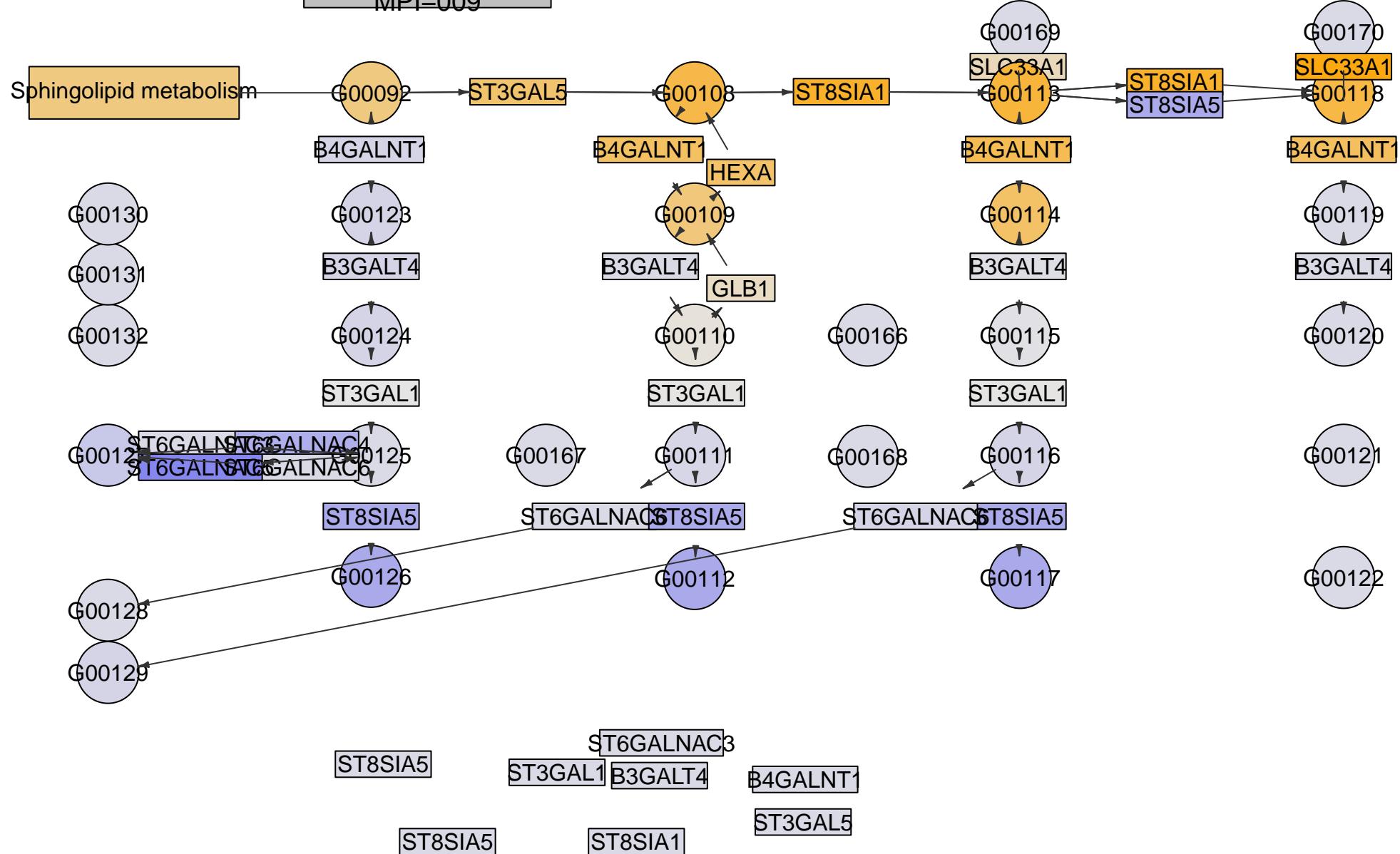
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-250



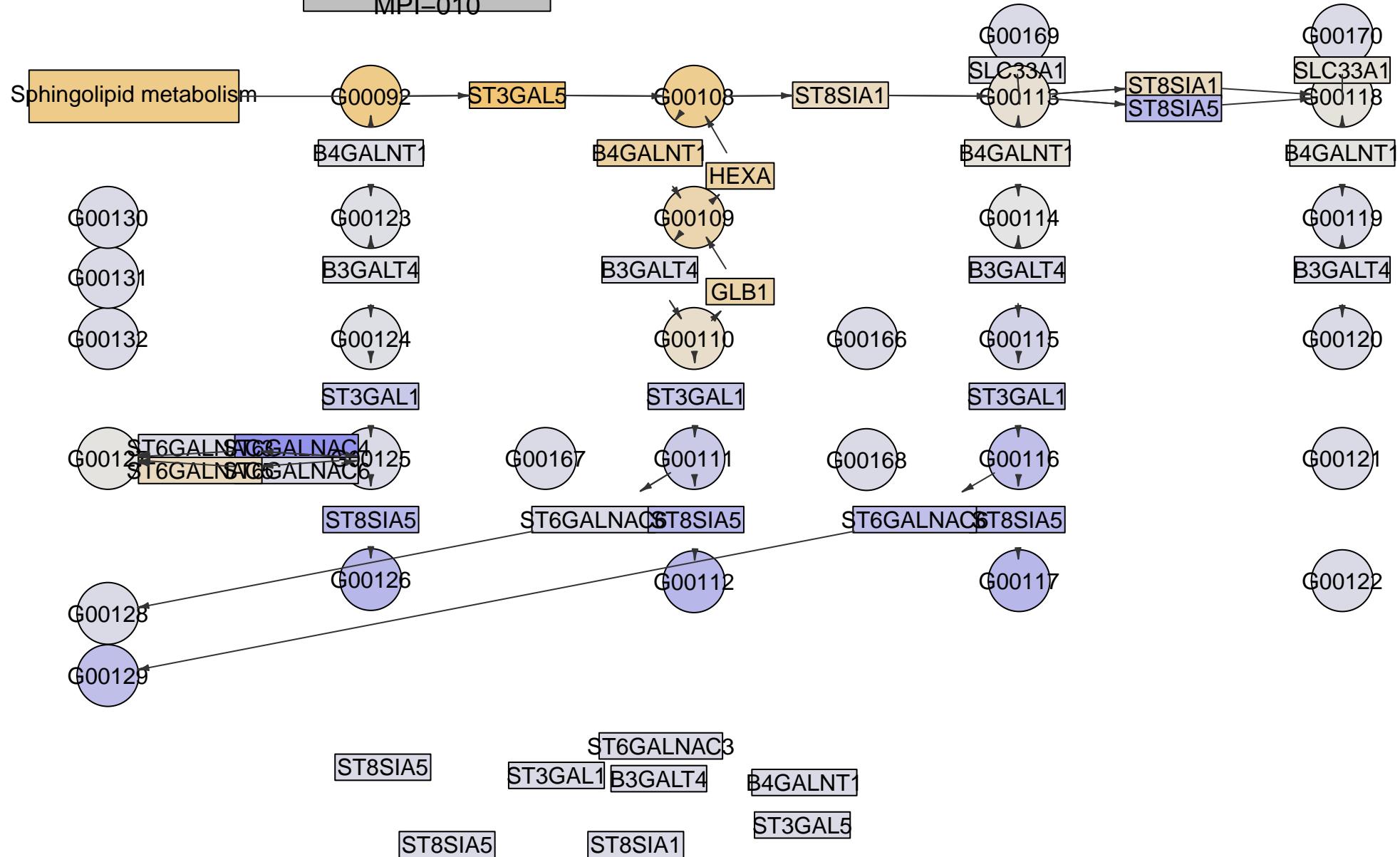
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-008



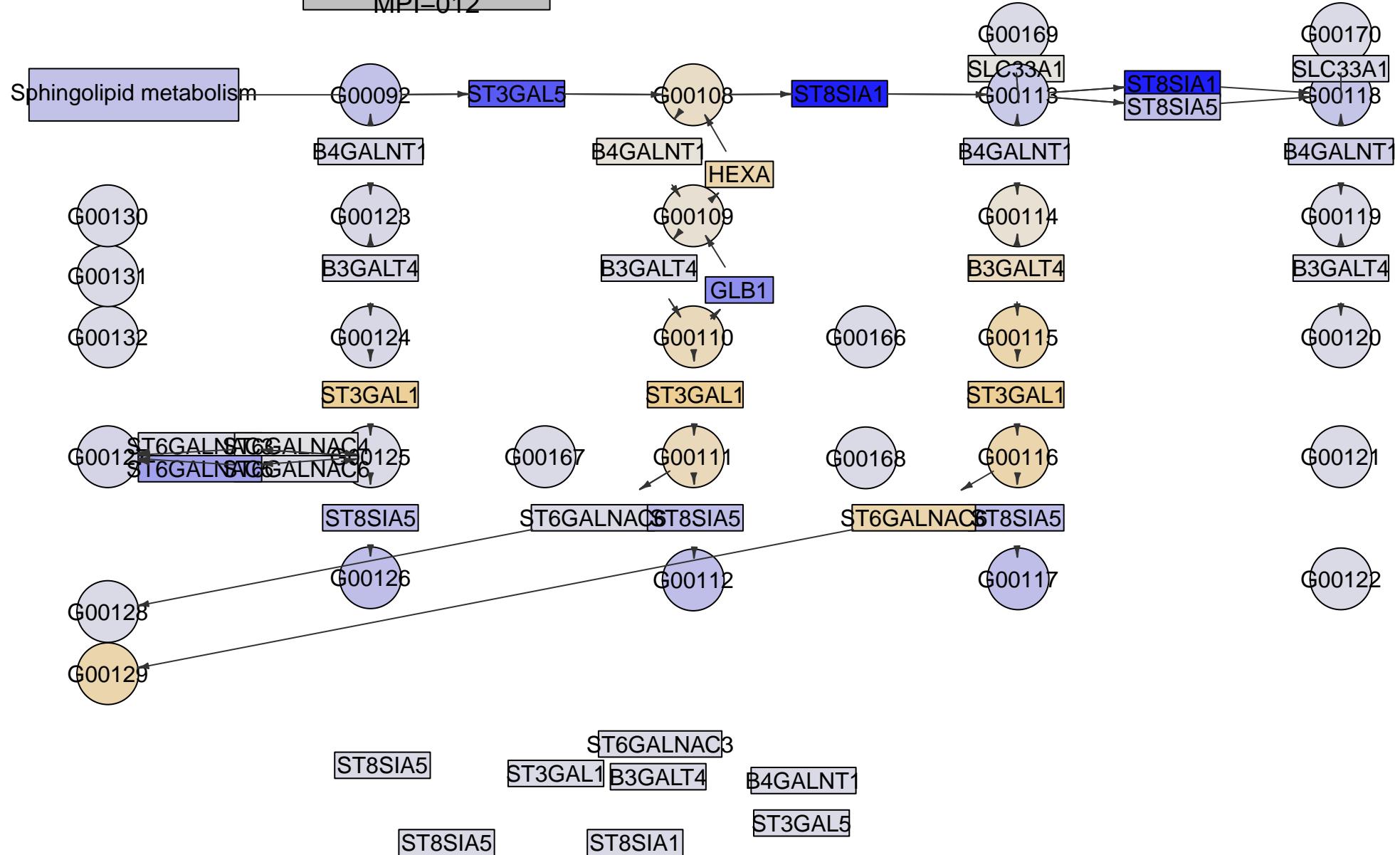
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-009



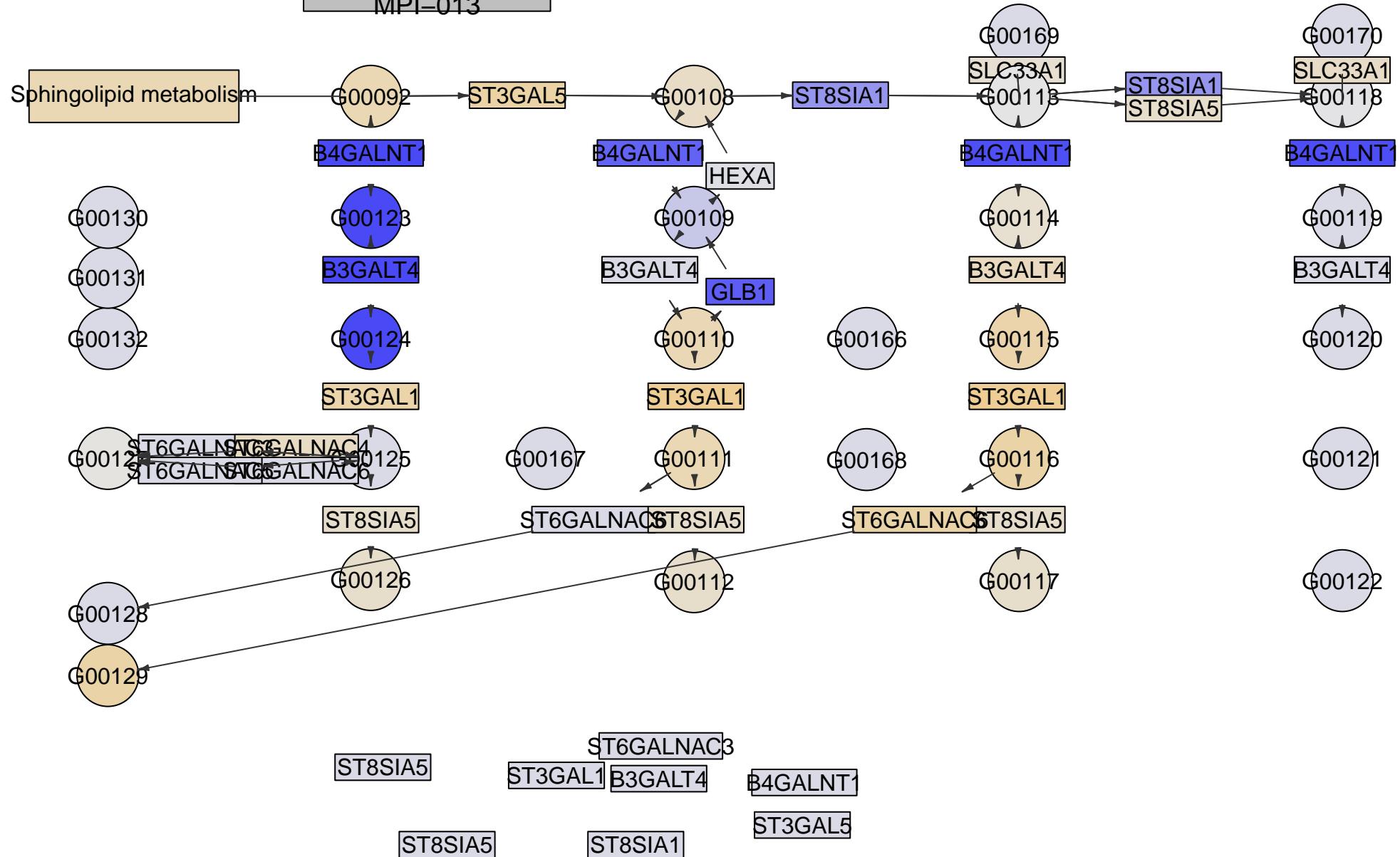
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-010



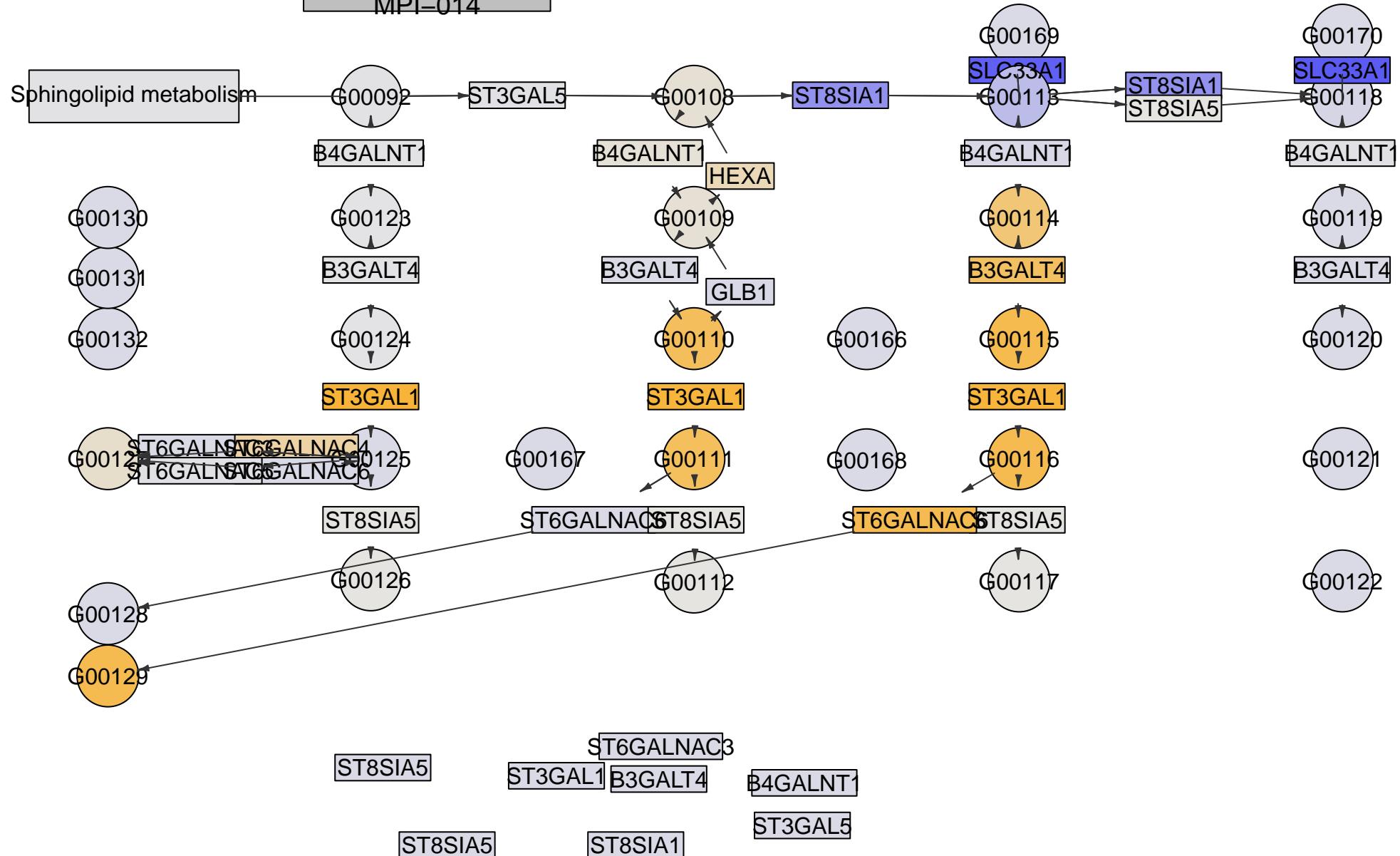
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-012



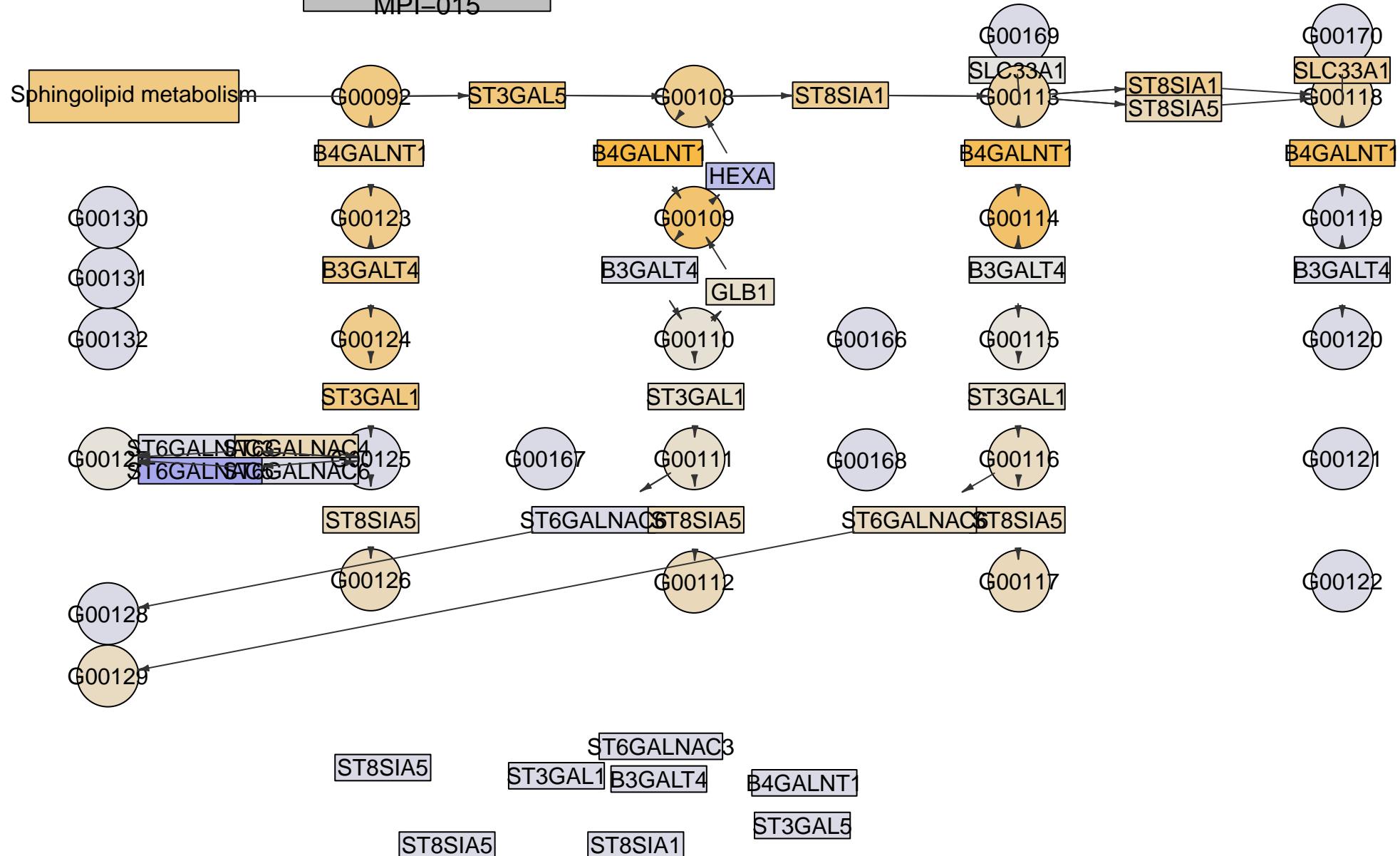
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-013



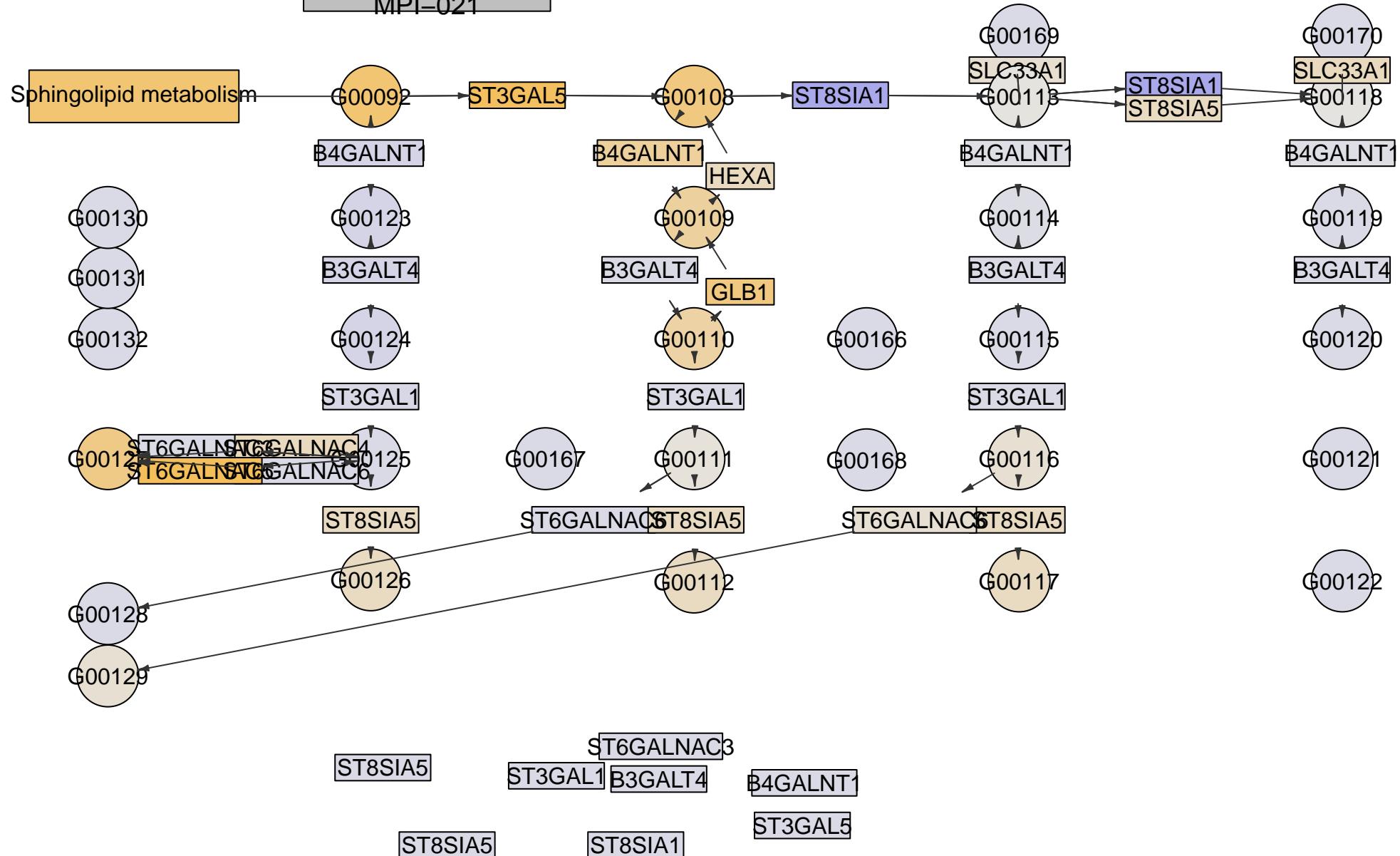
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-014



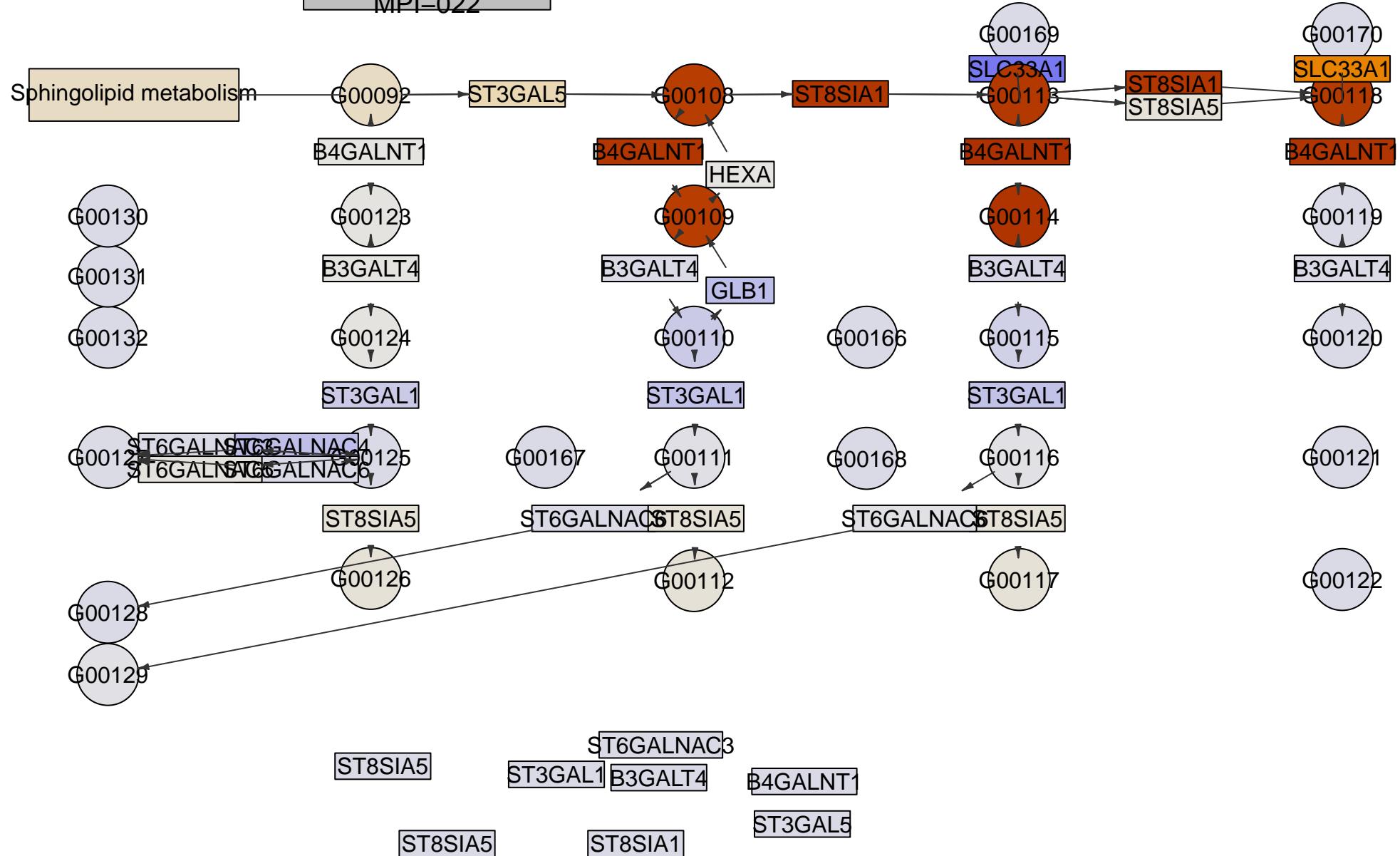
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-015



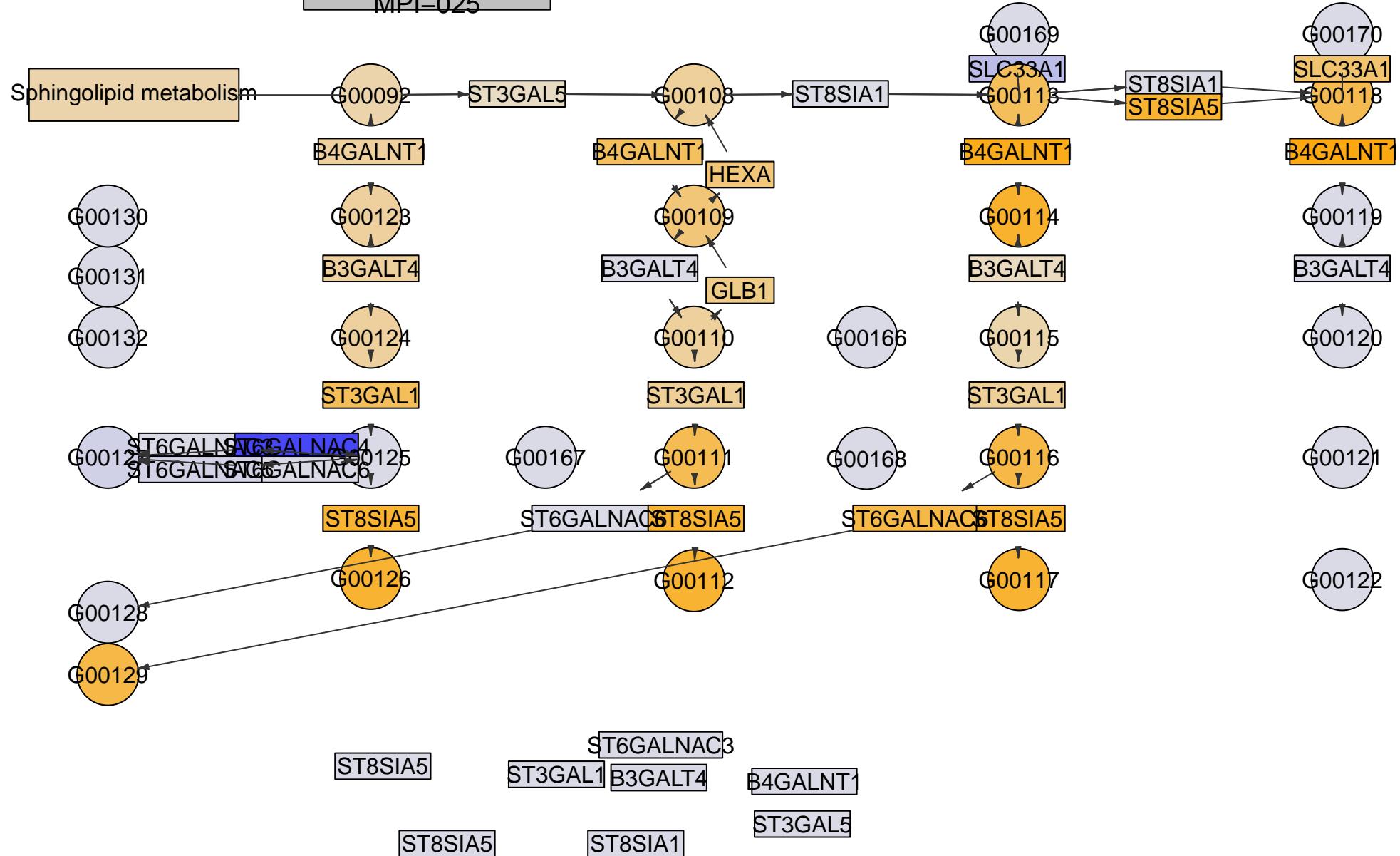
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-021



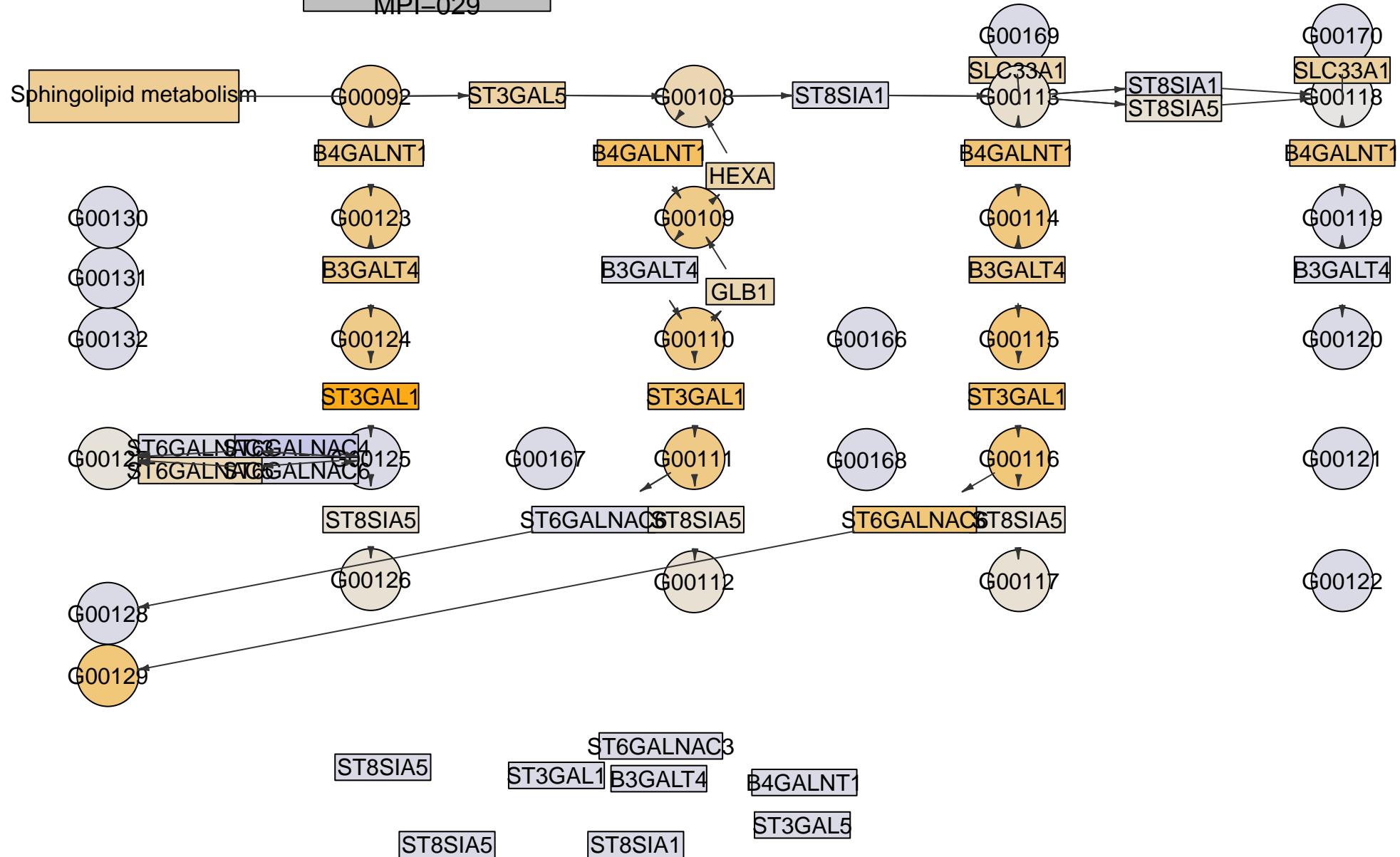
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-022



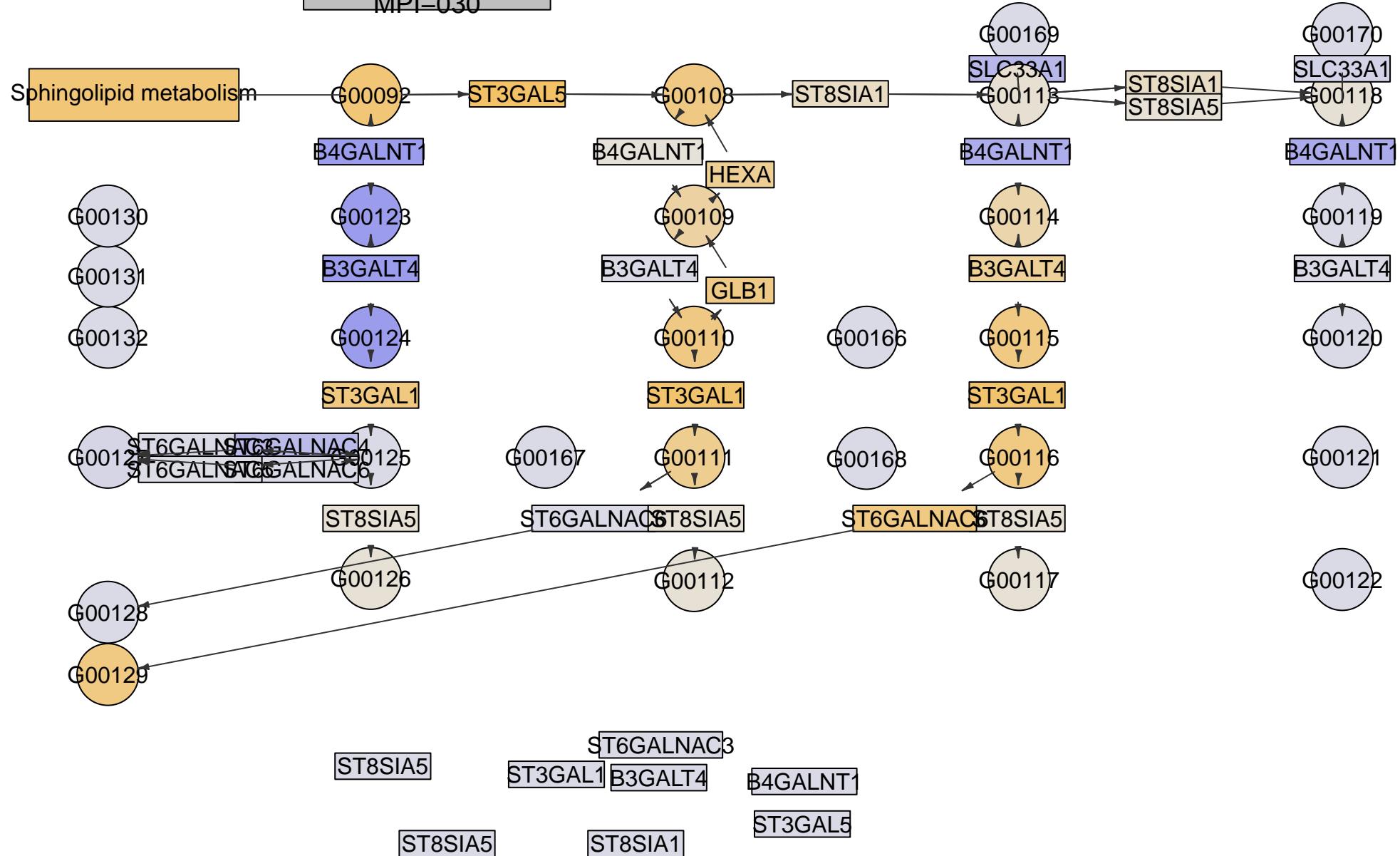
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-025



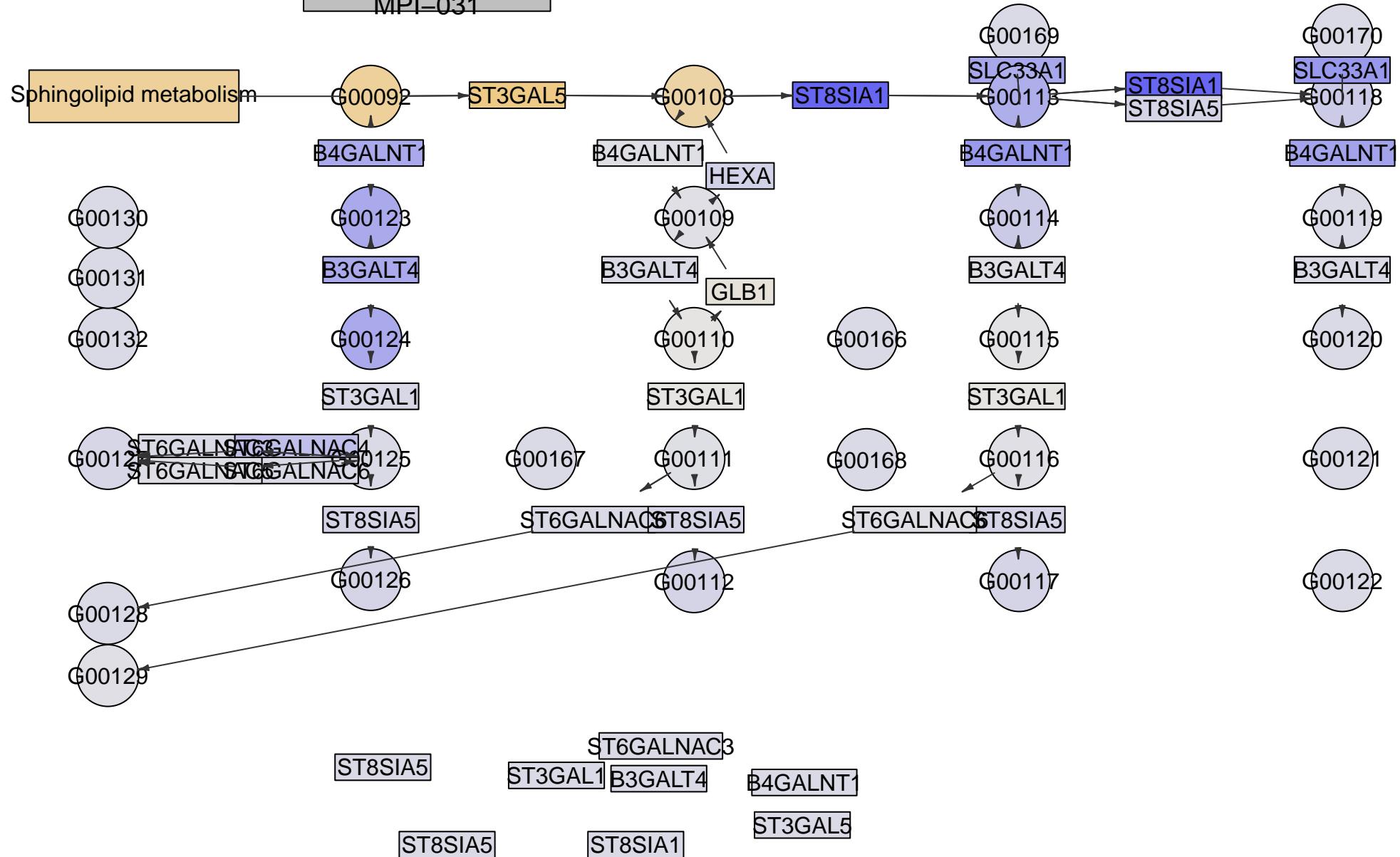
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-029



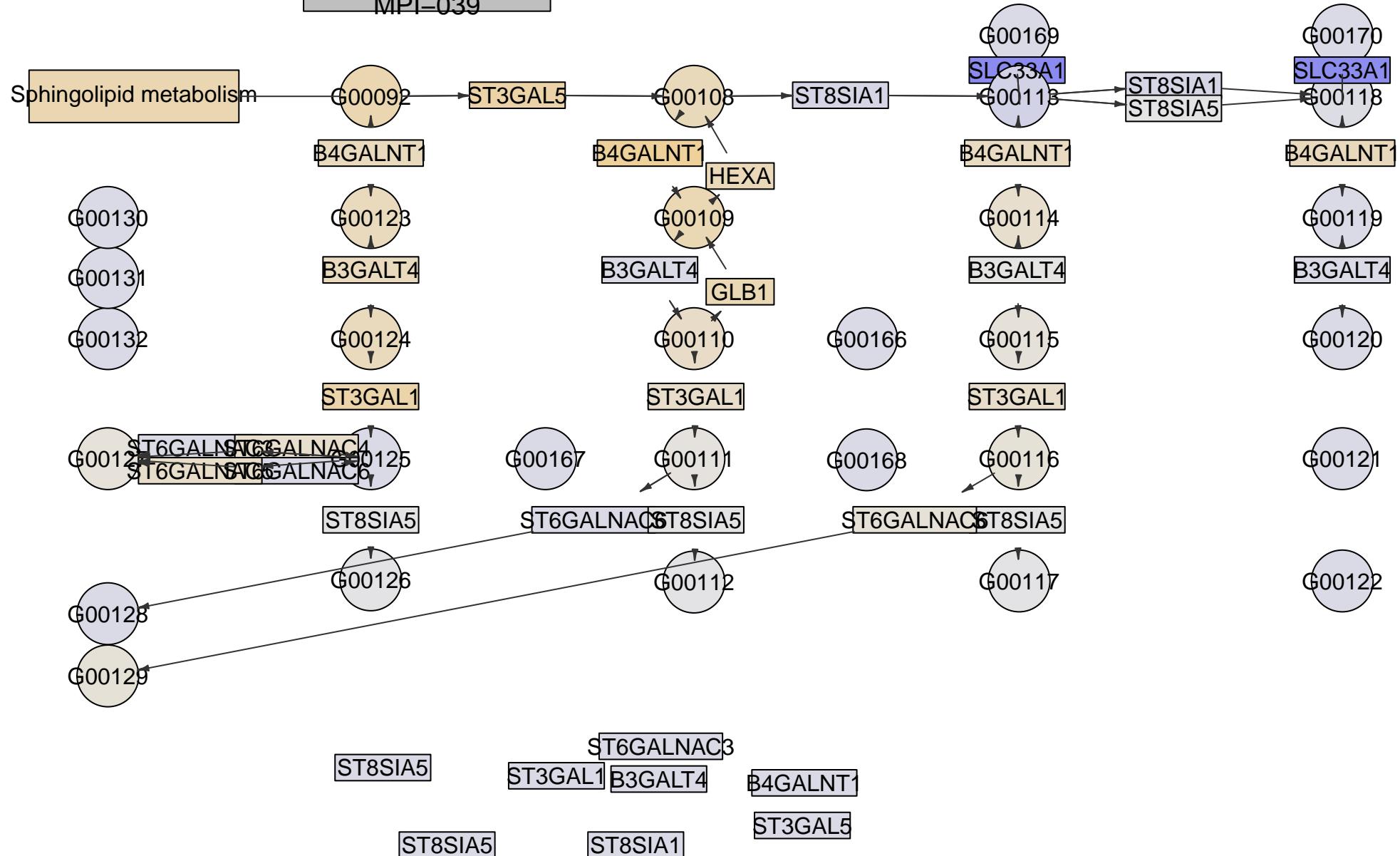
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-030



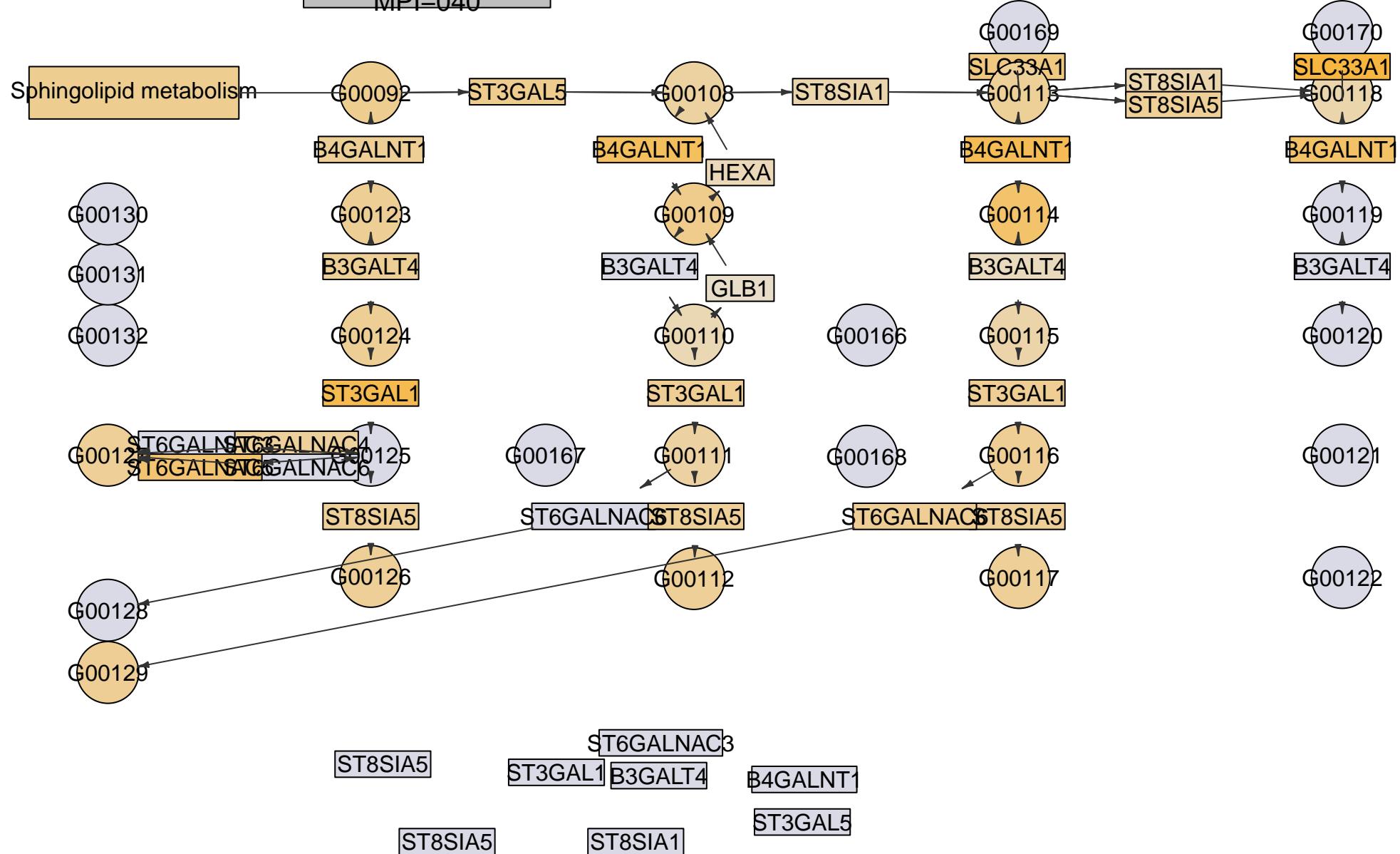
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-031



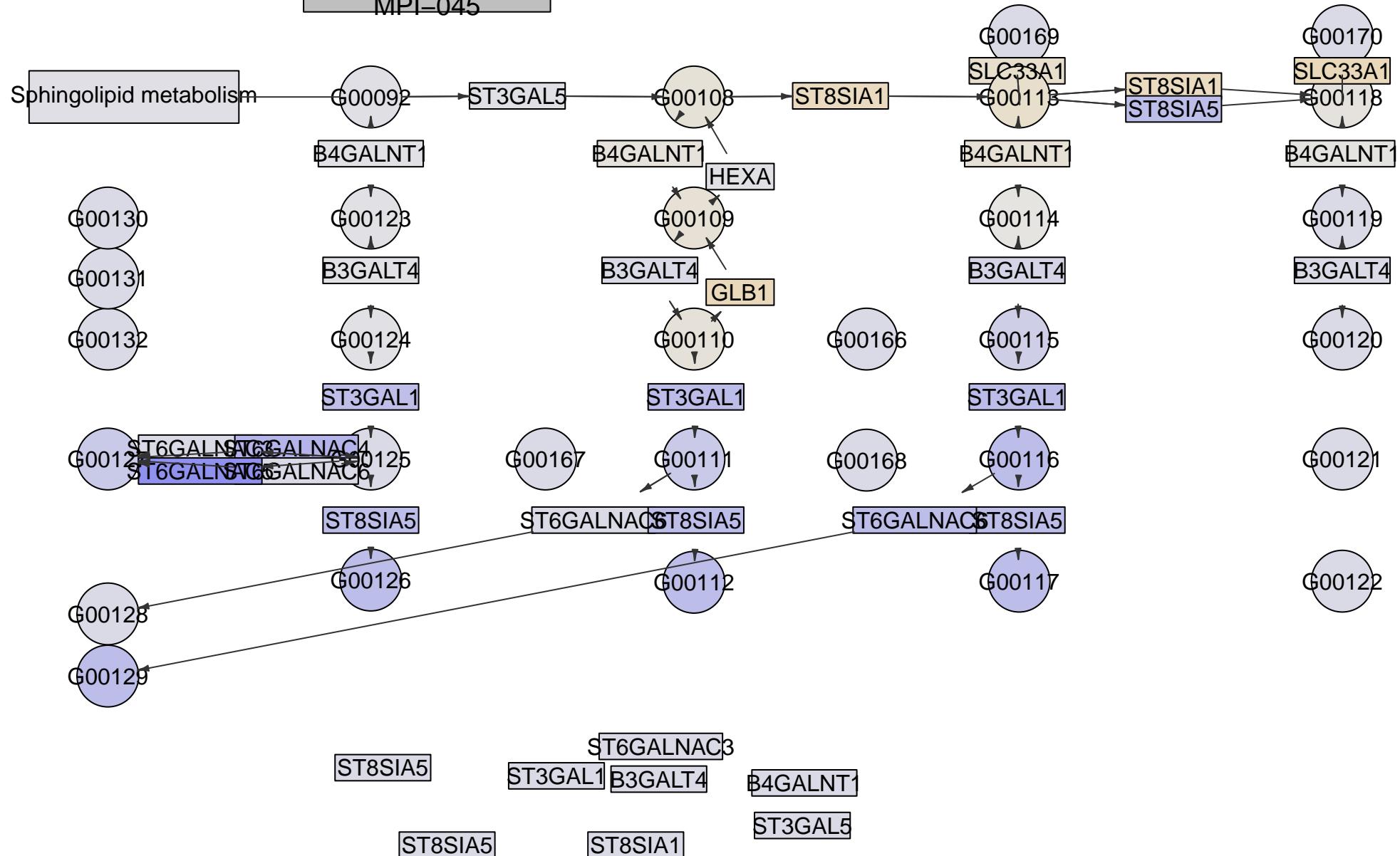
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-039



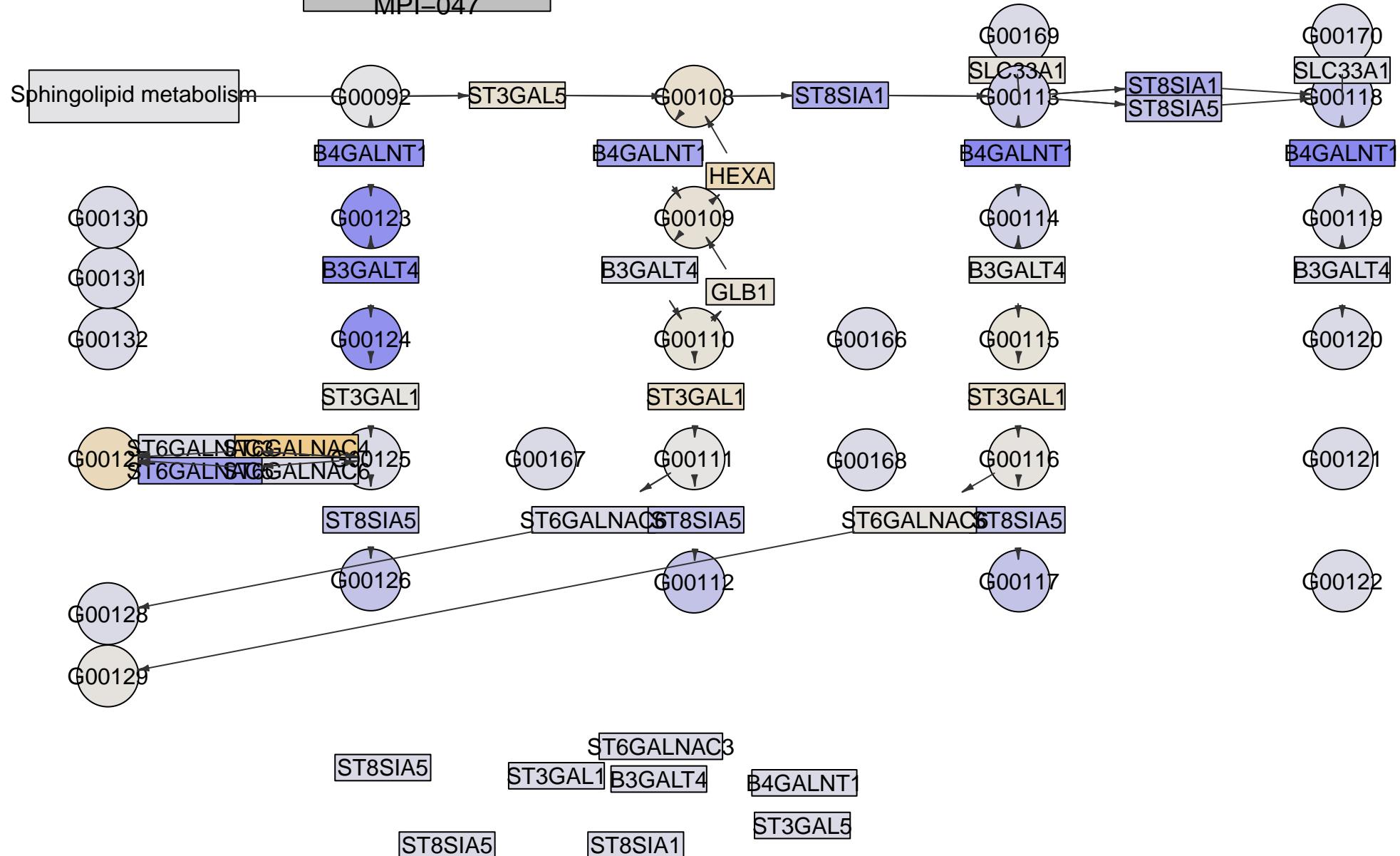
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-040



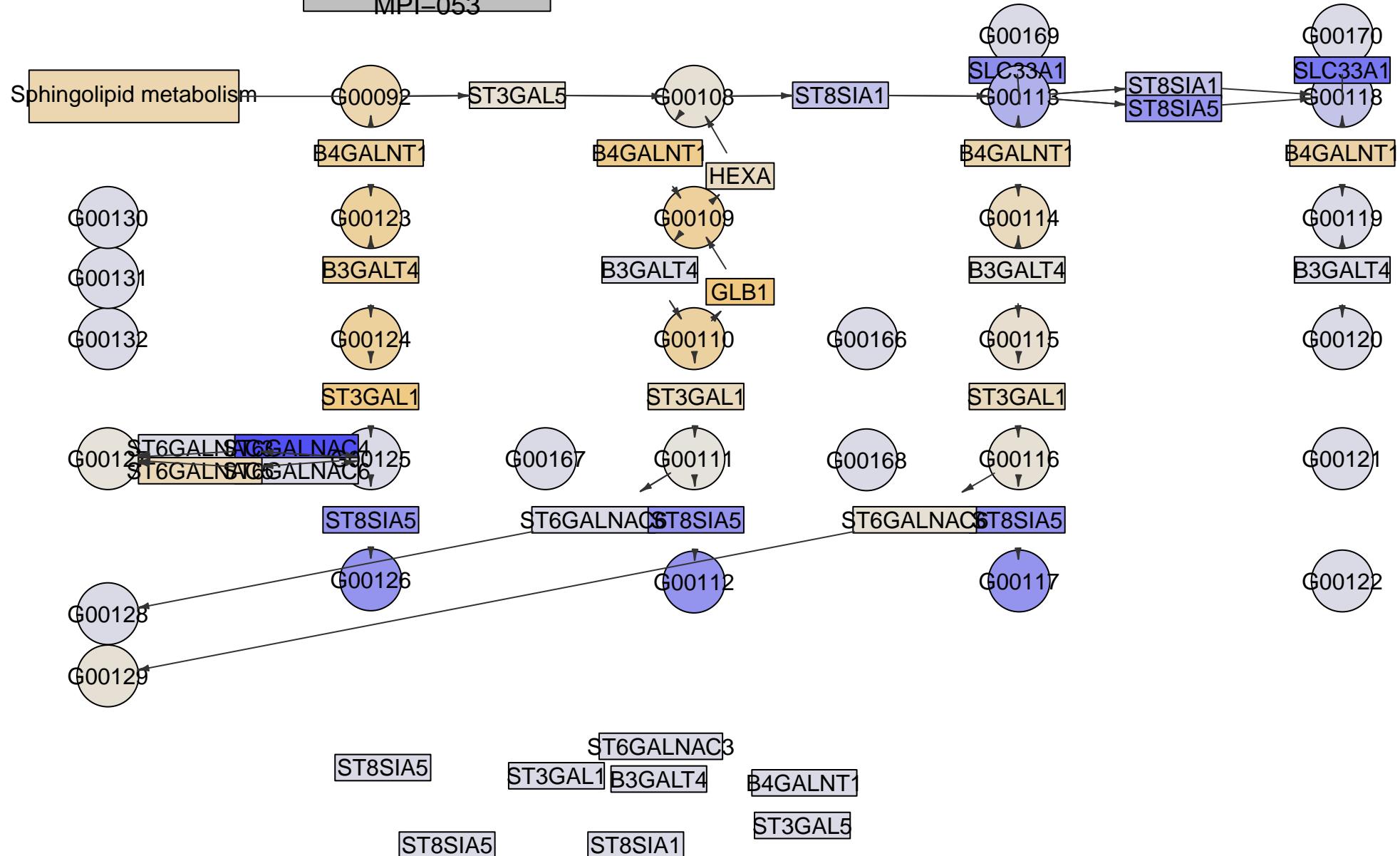
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-045



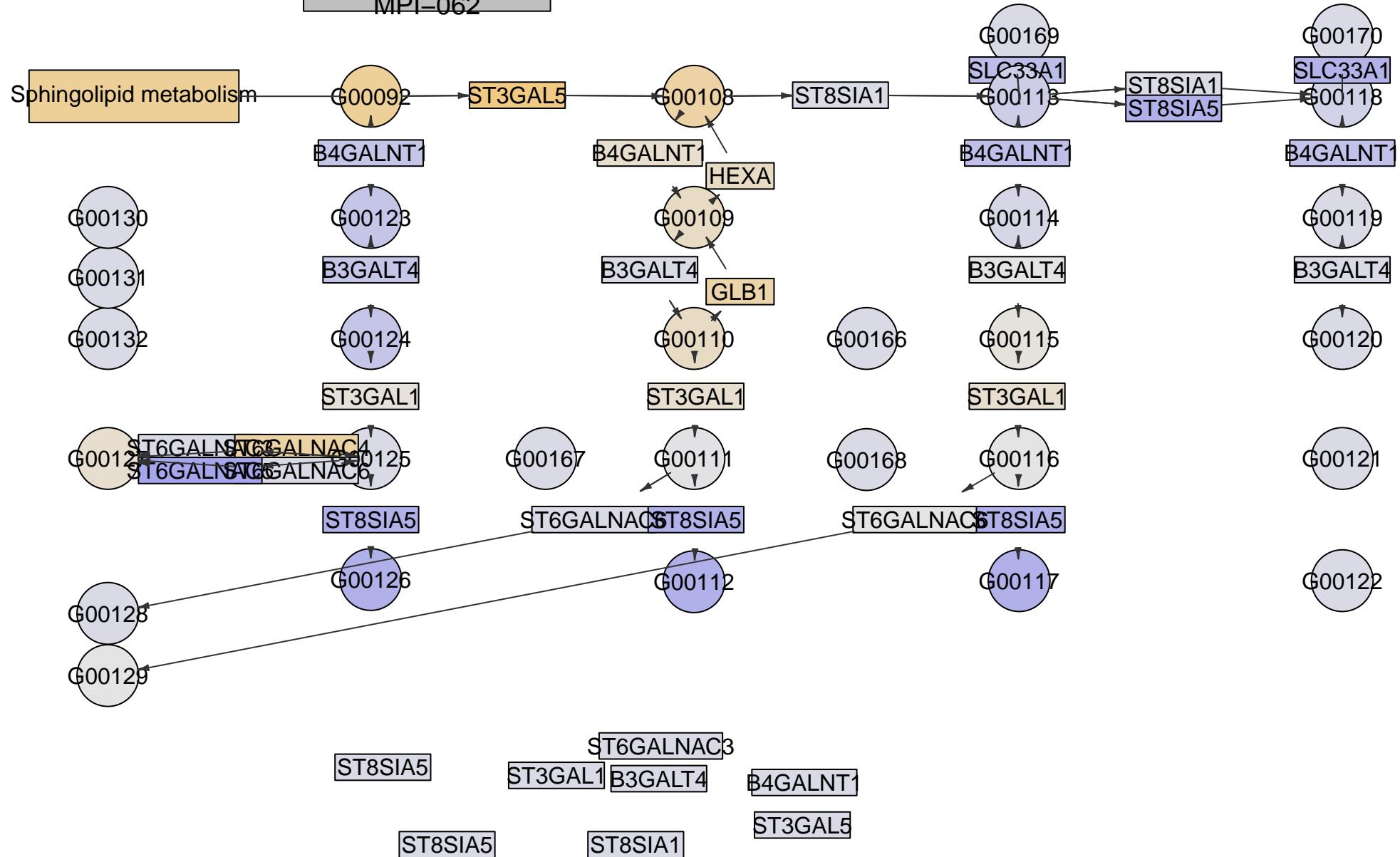
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-047



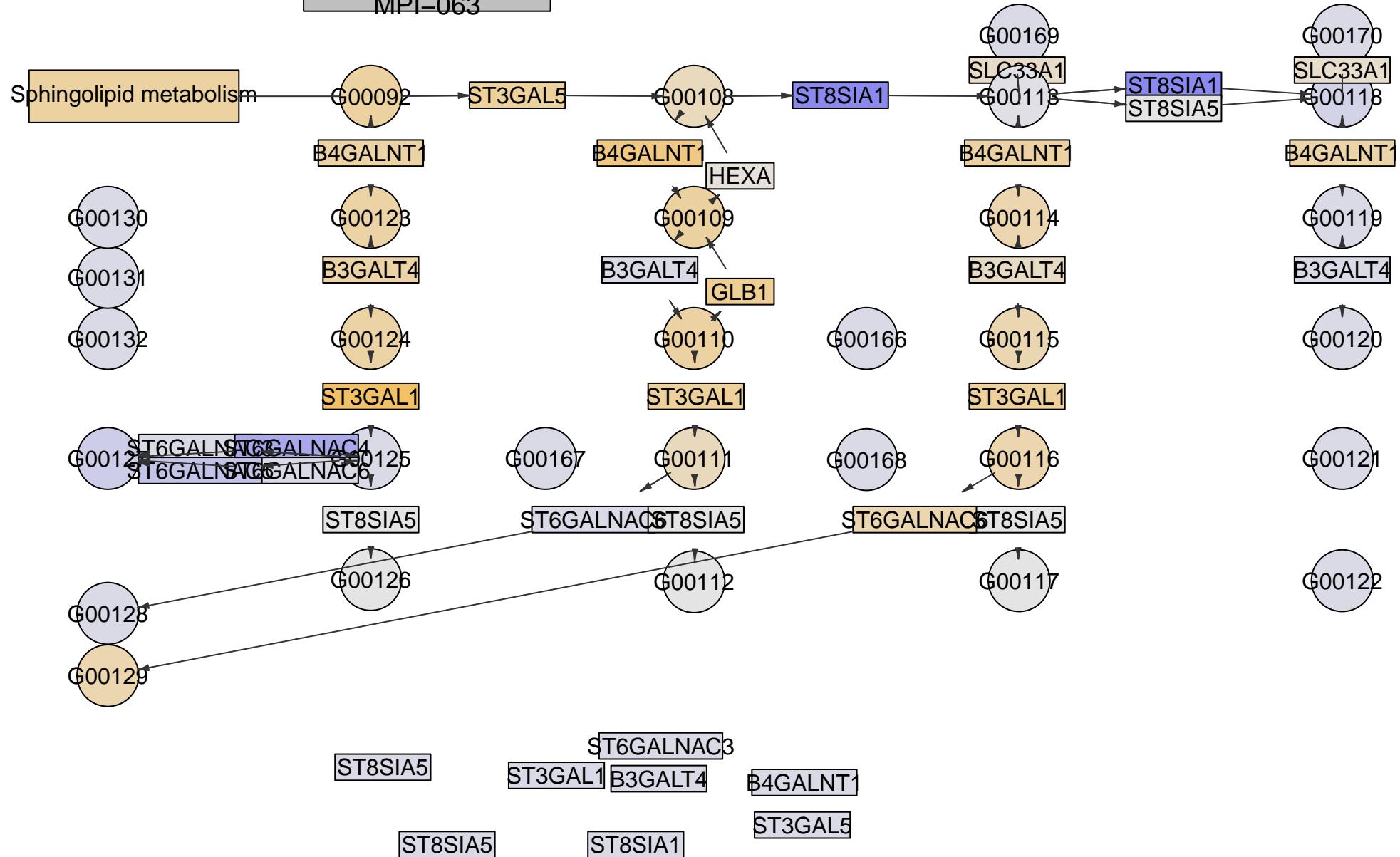
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-053



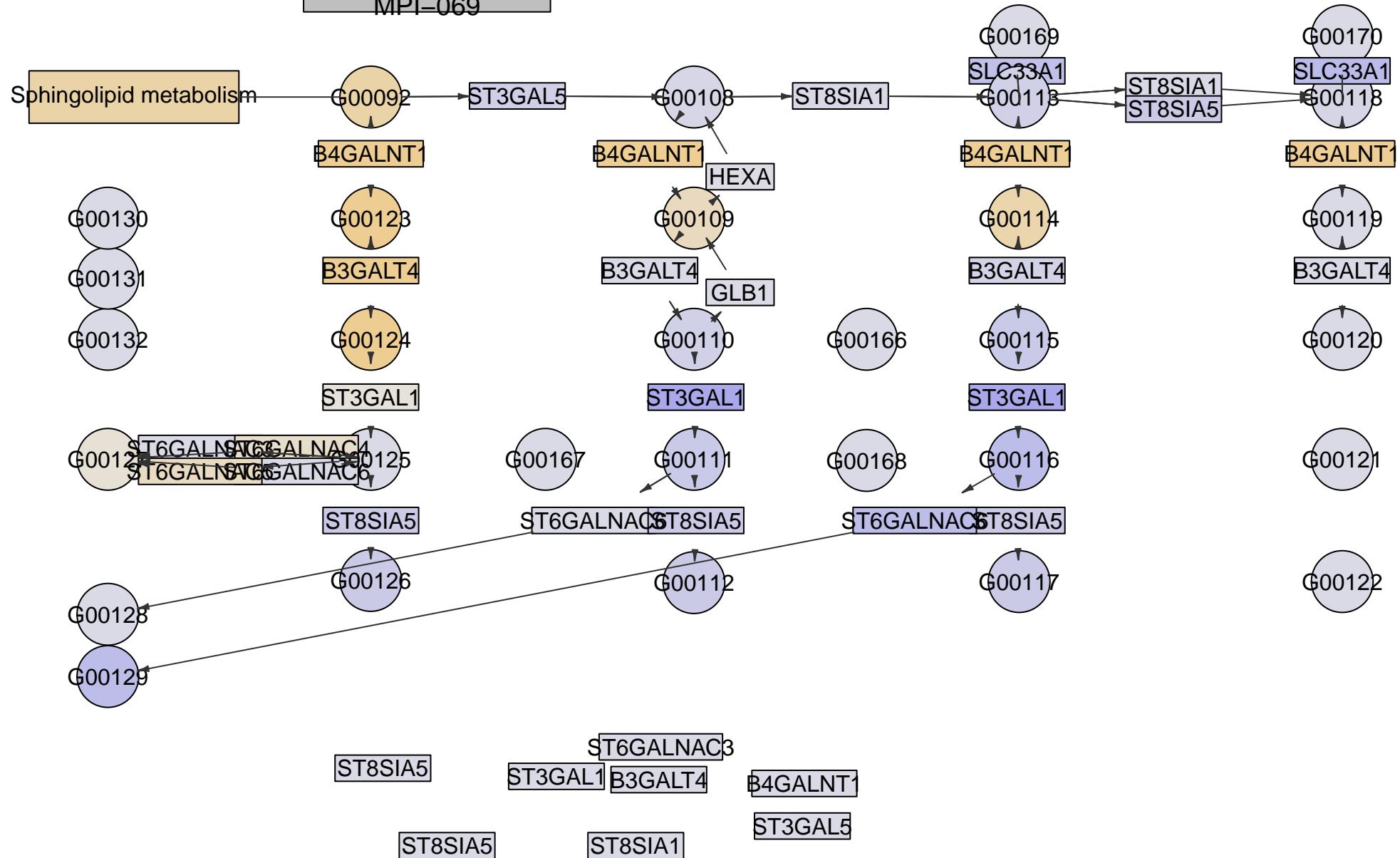
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-062



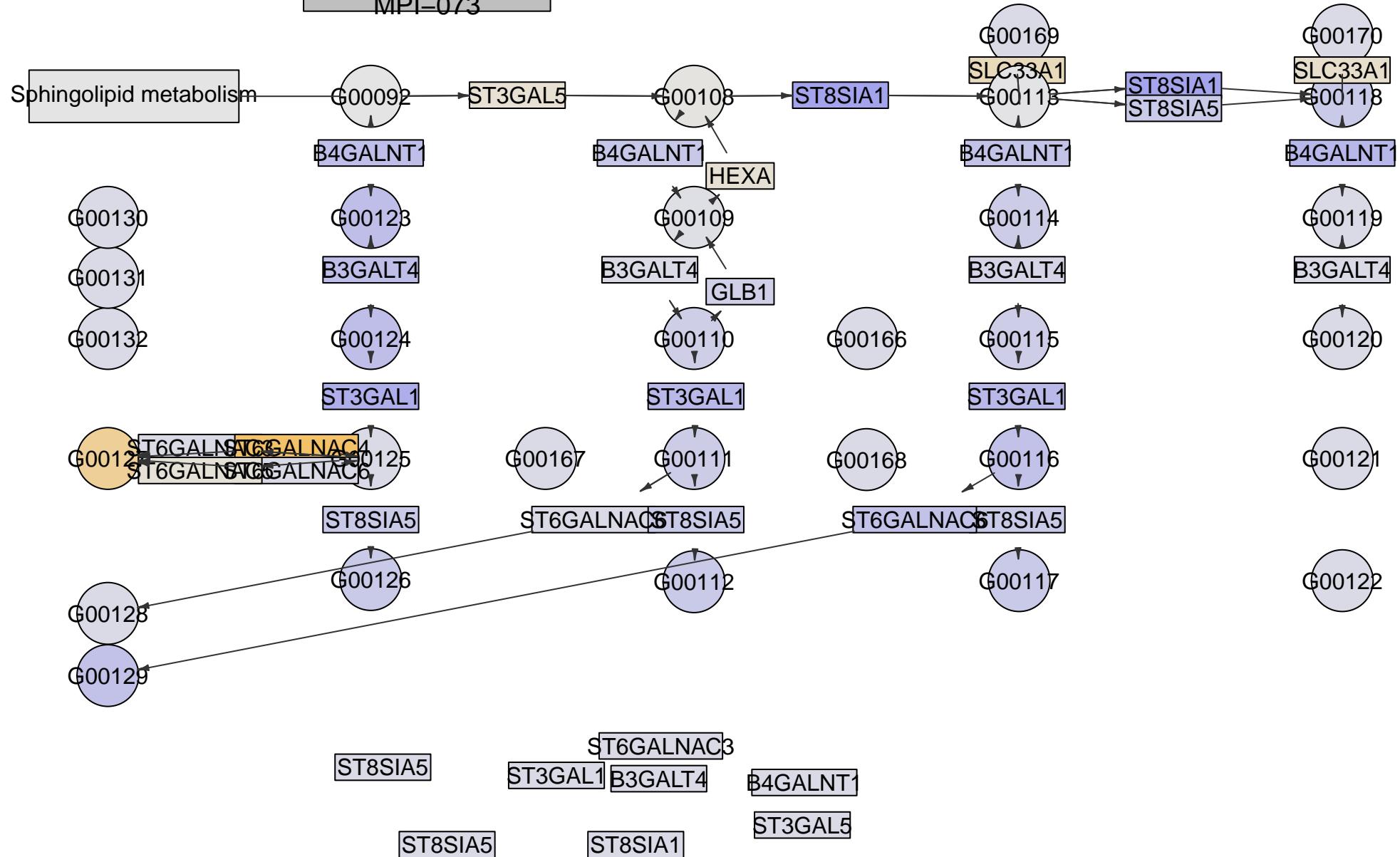
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-063



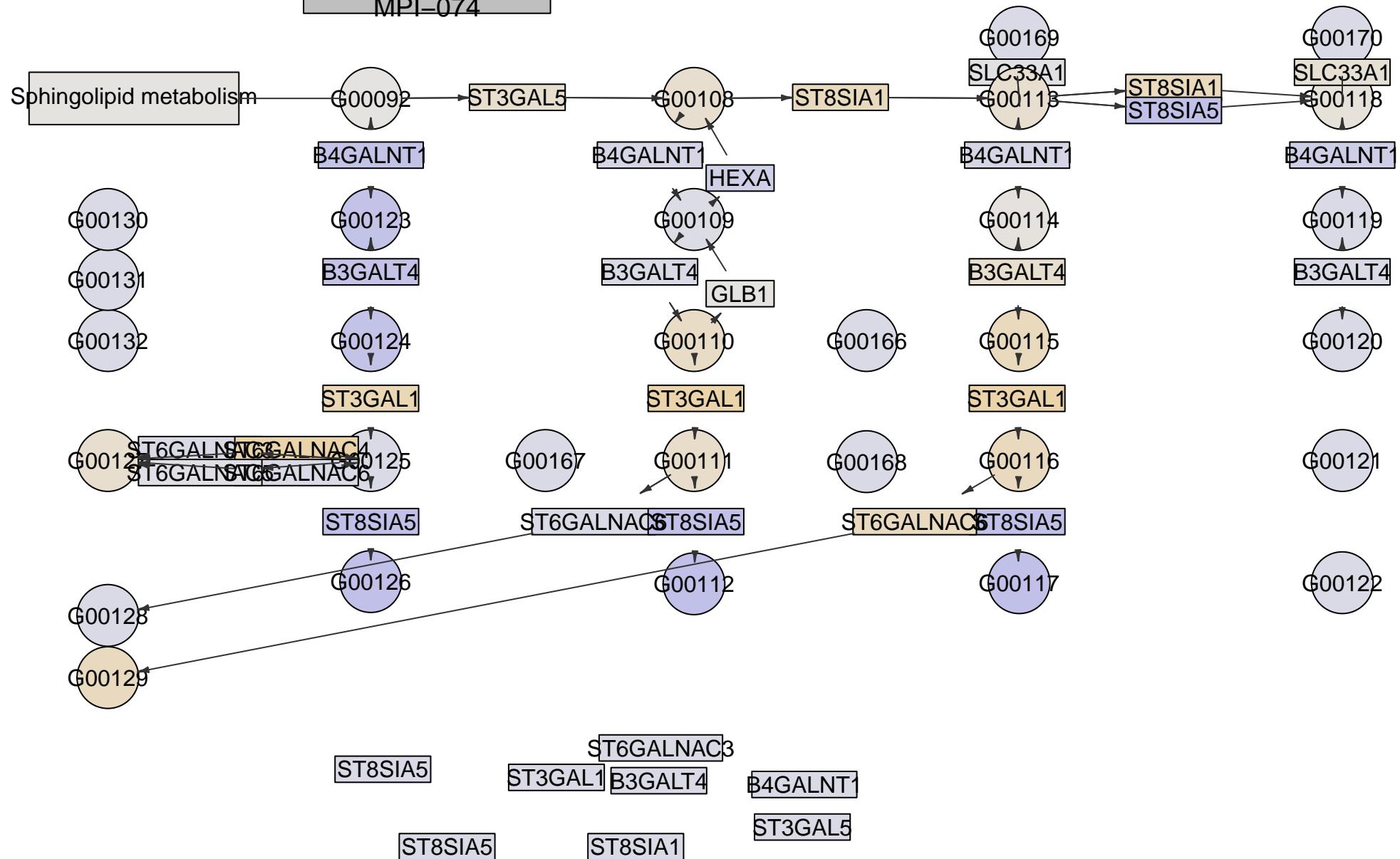
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-069



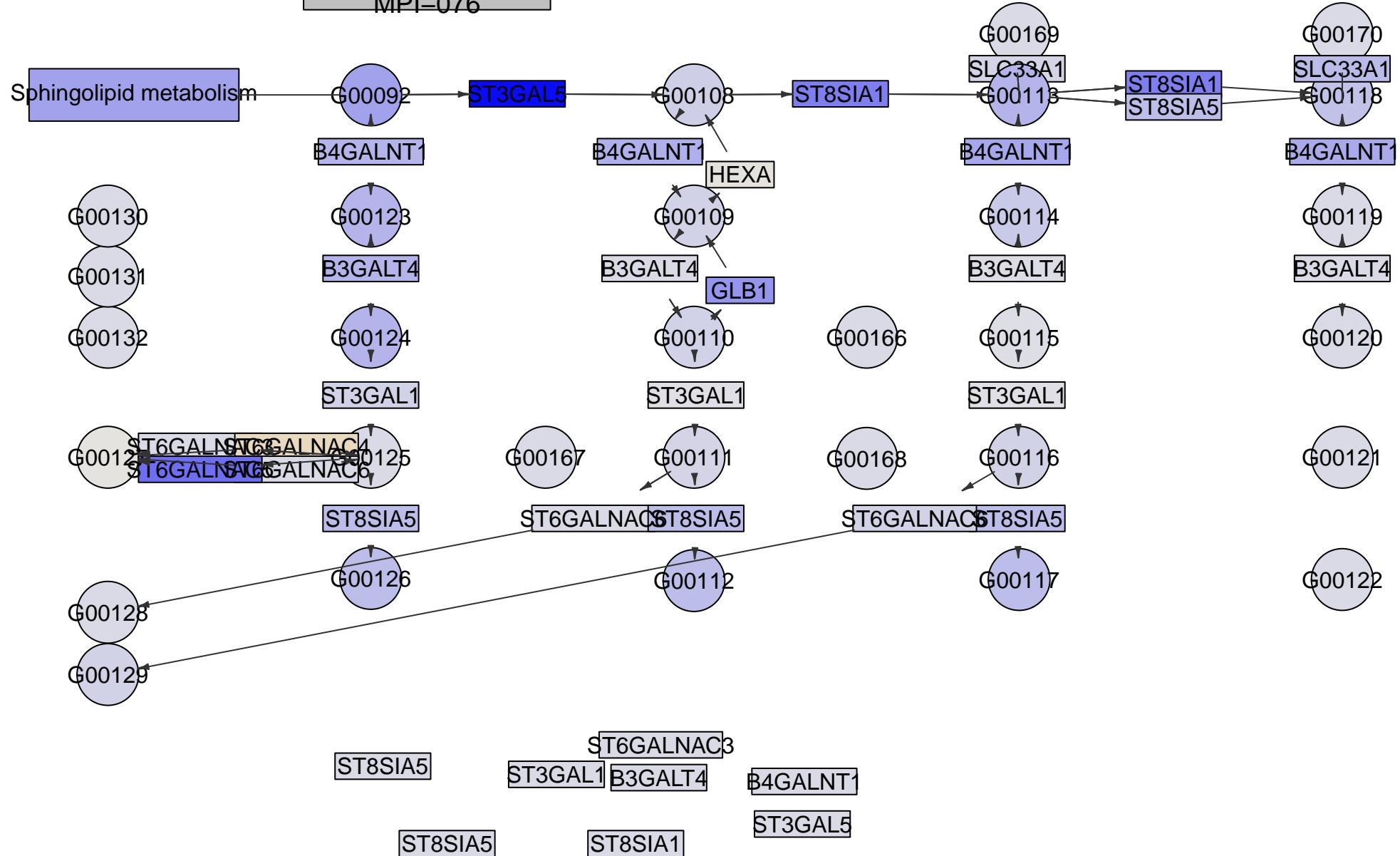
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-073



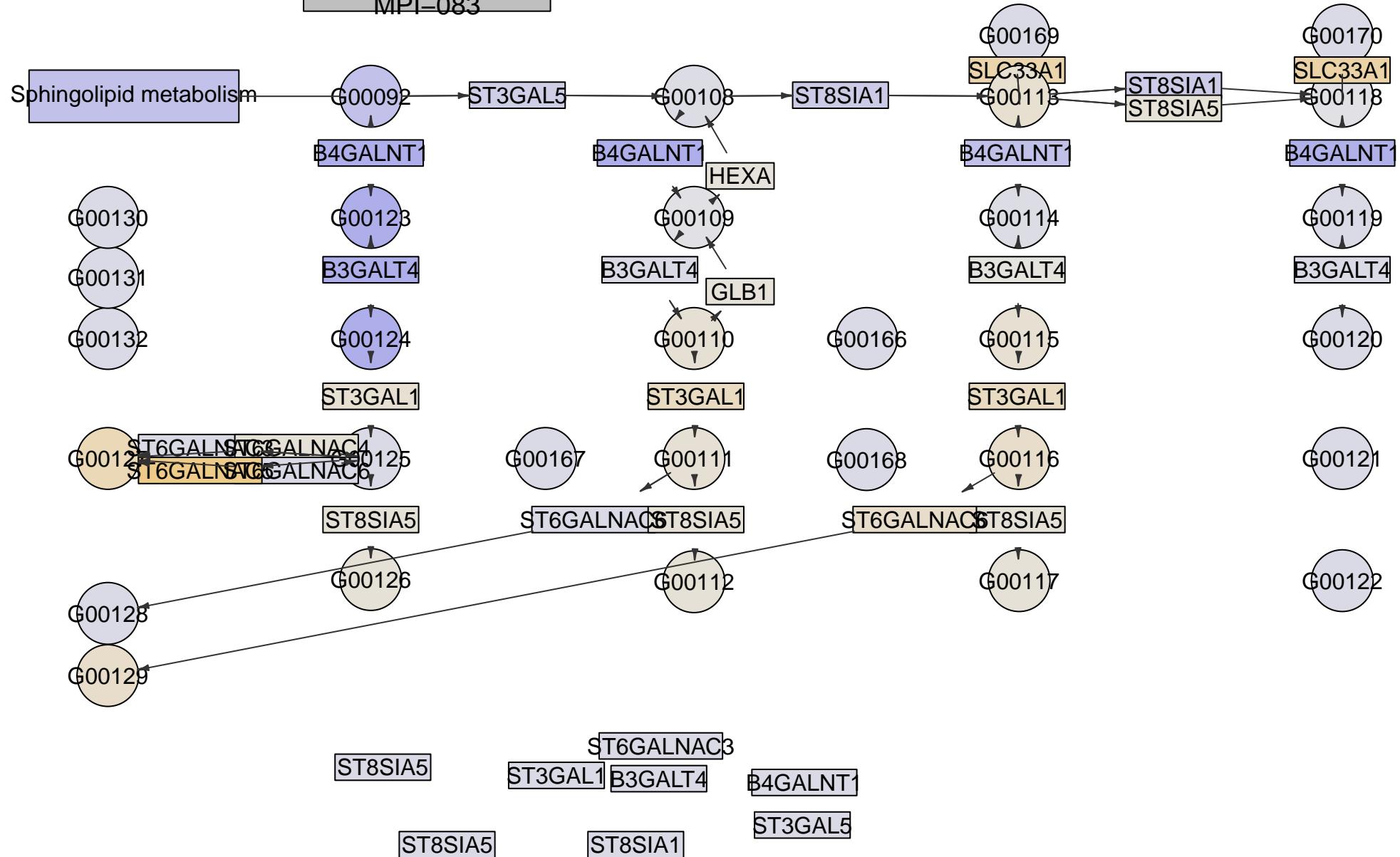
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-074



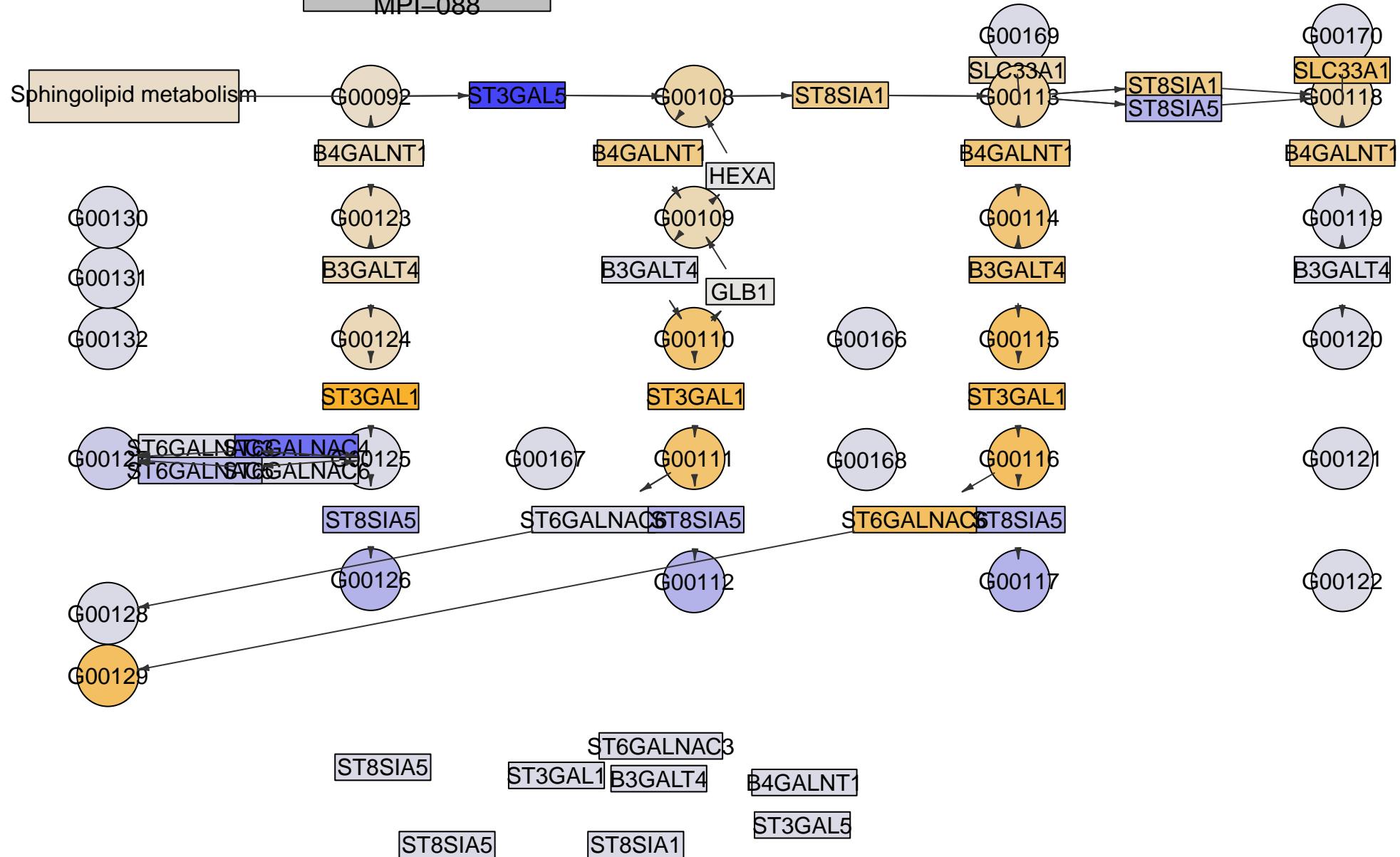
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-076



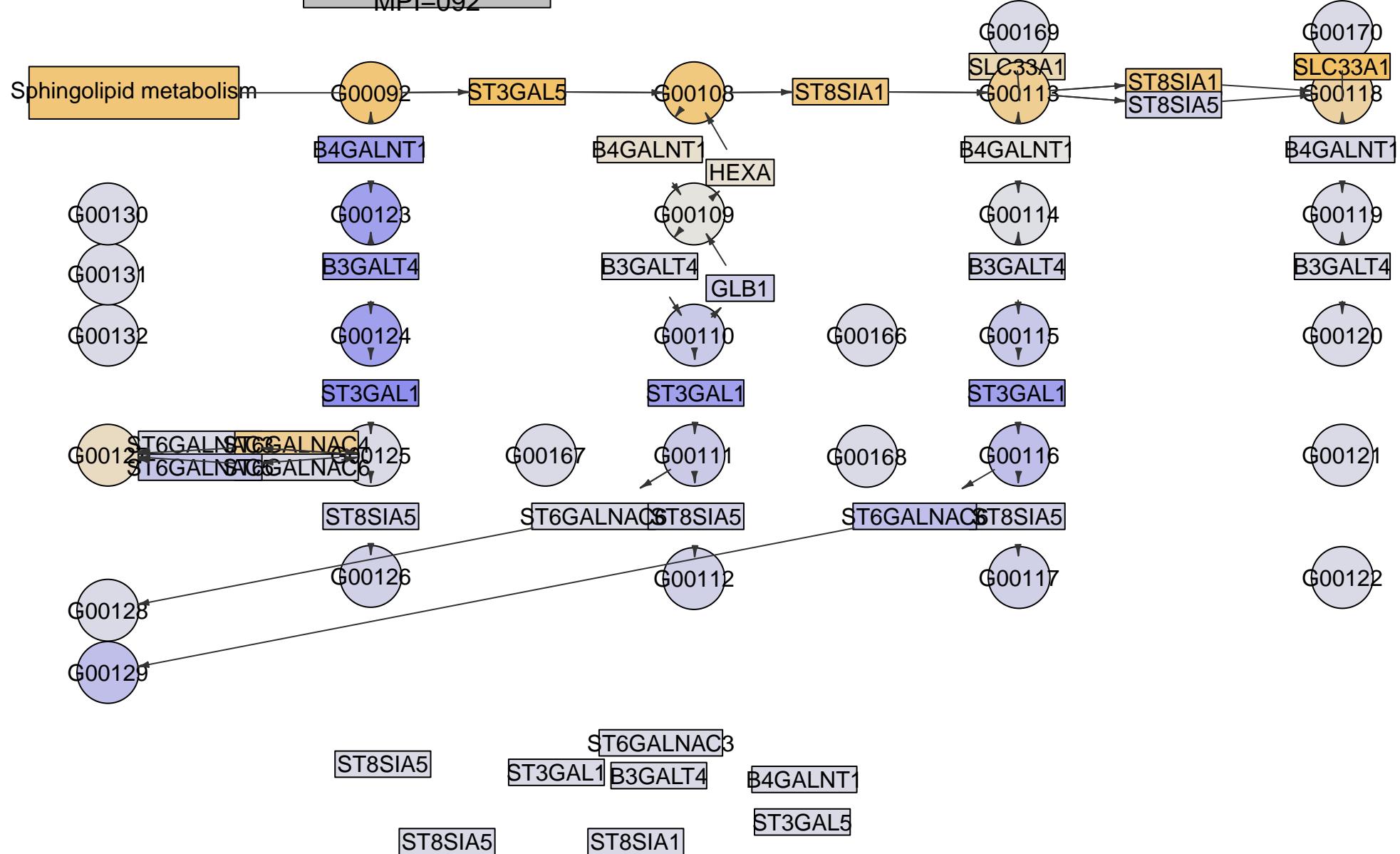
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-083



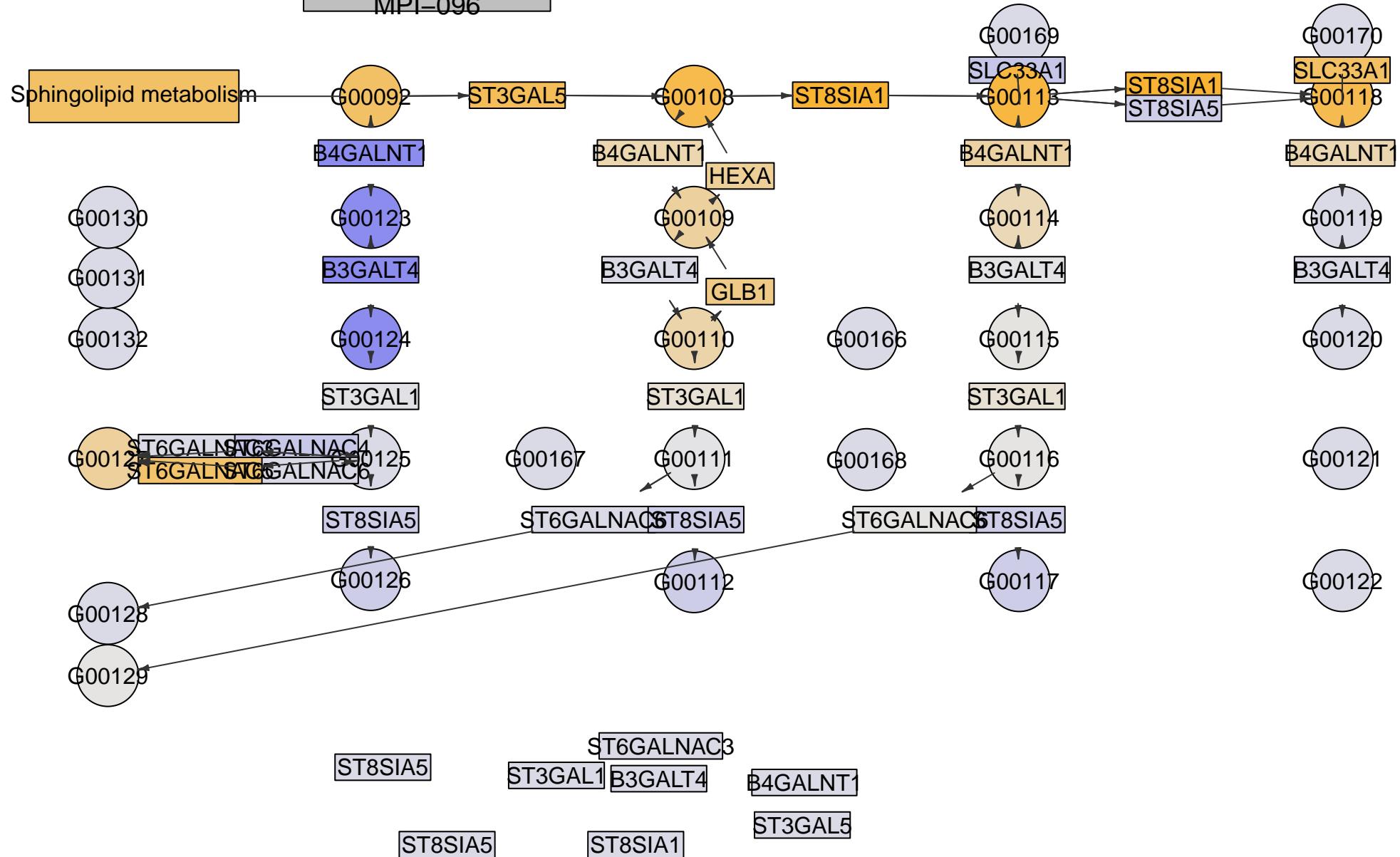
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-088



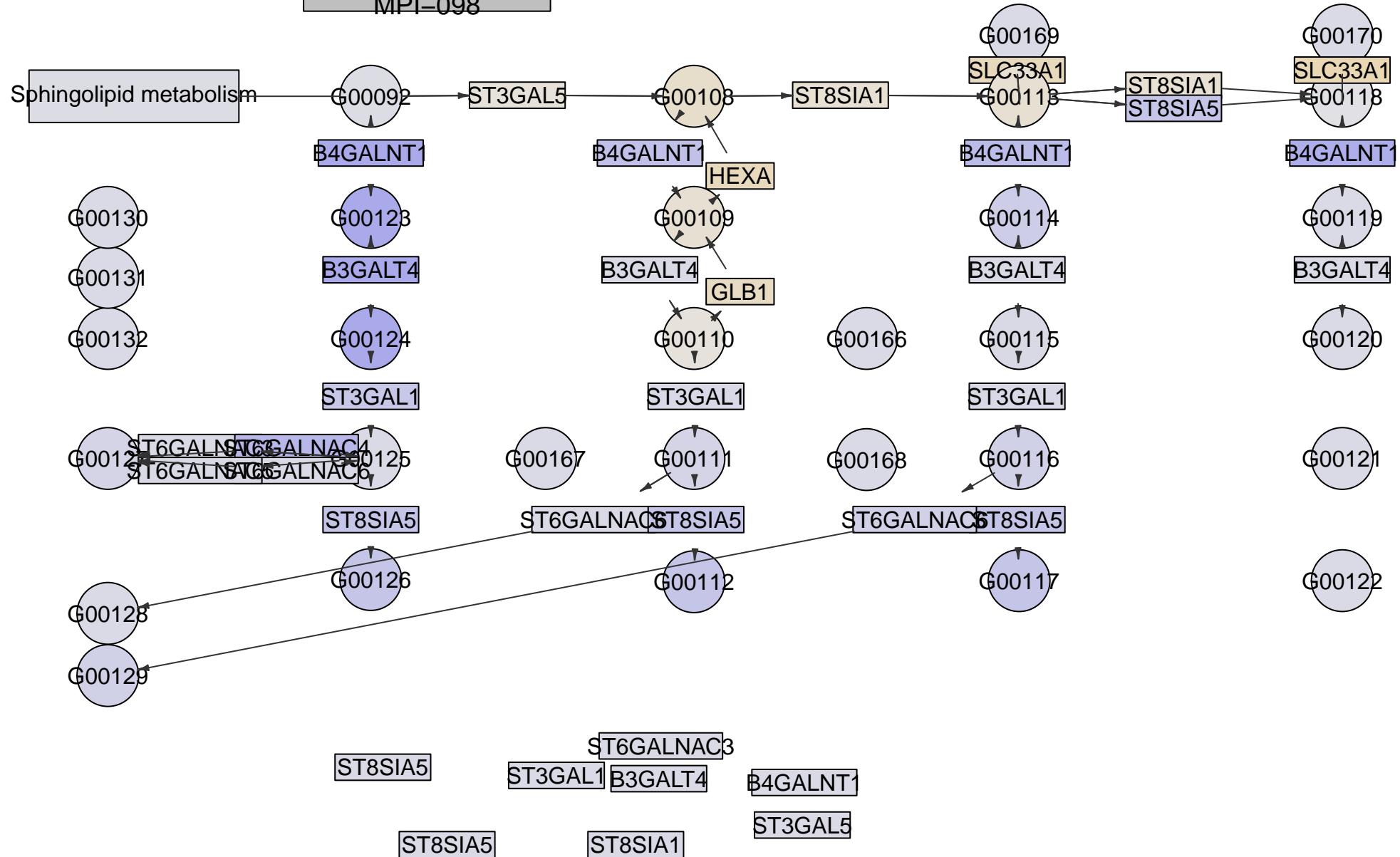
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-092



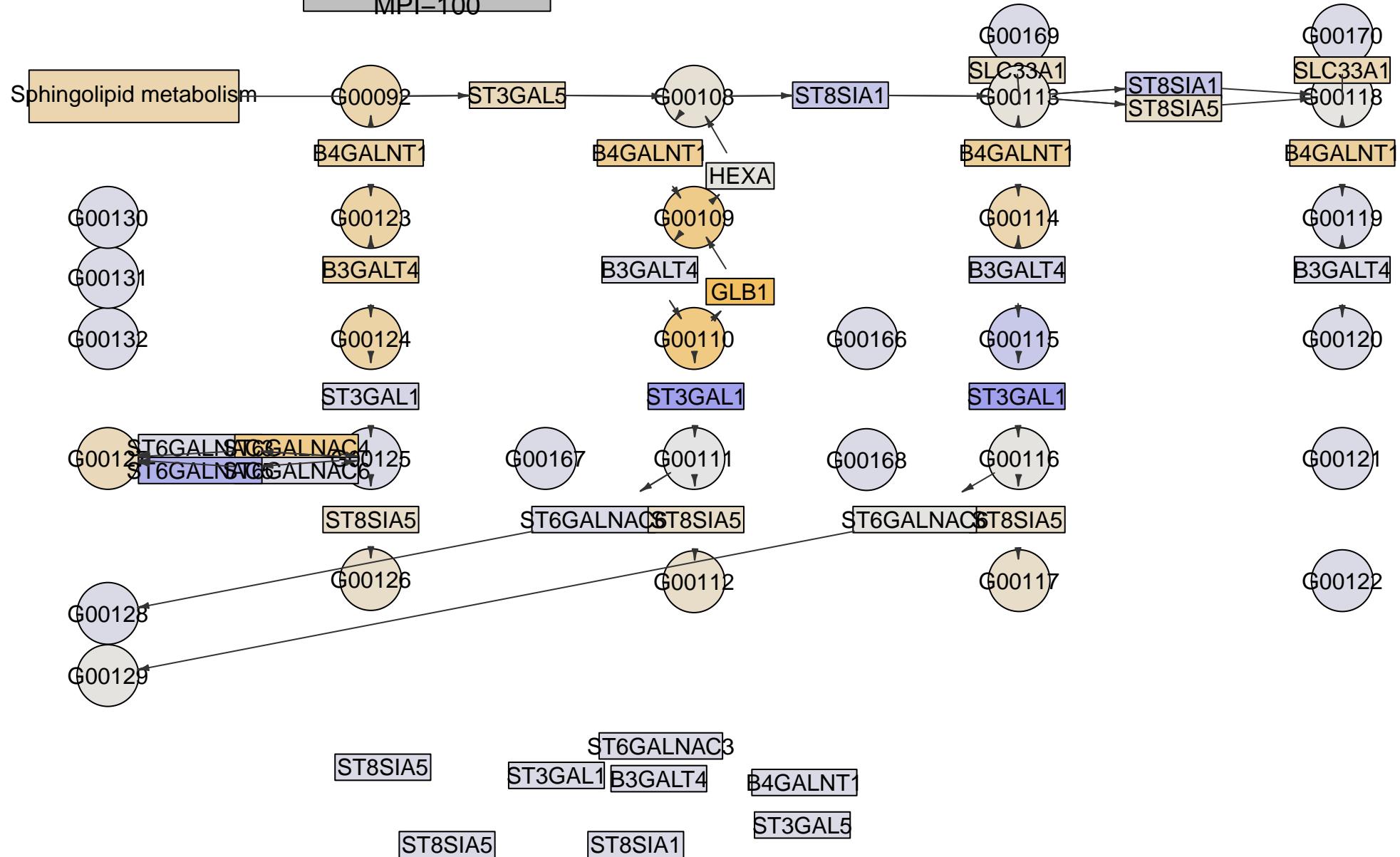
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-096



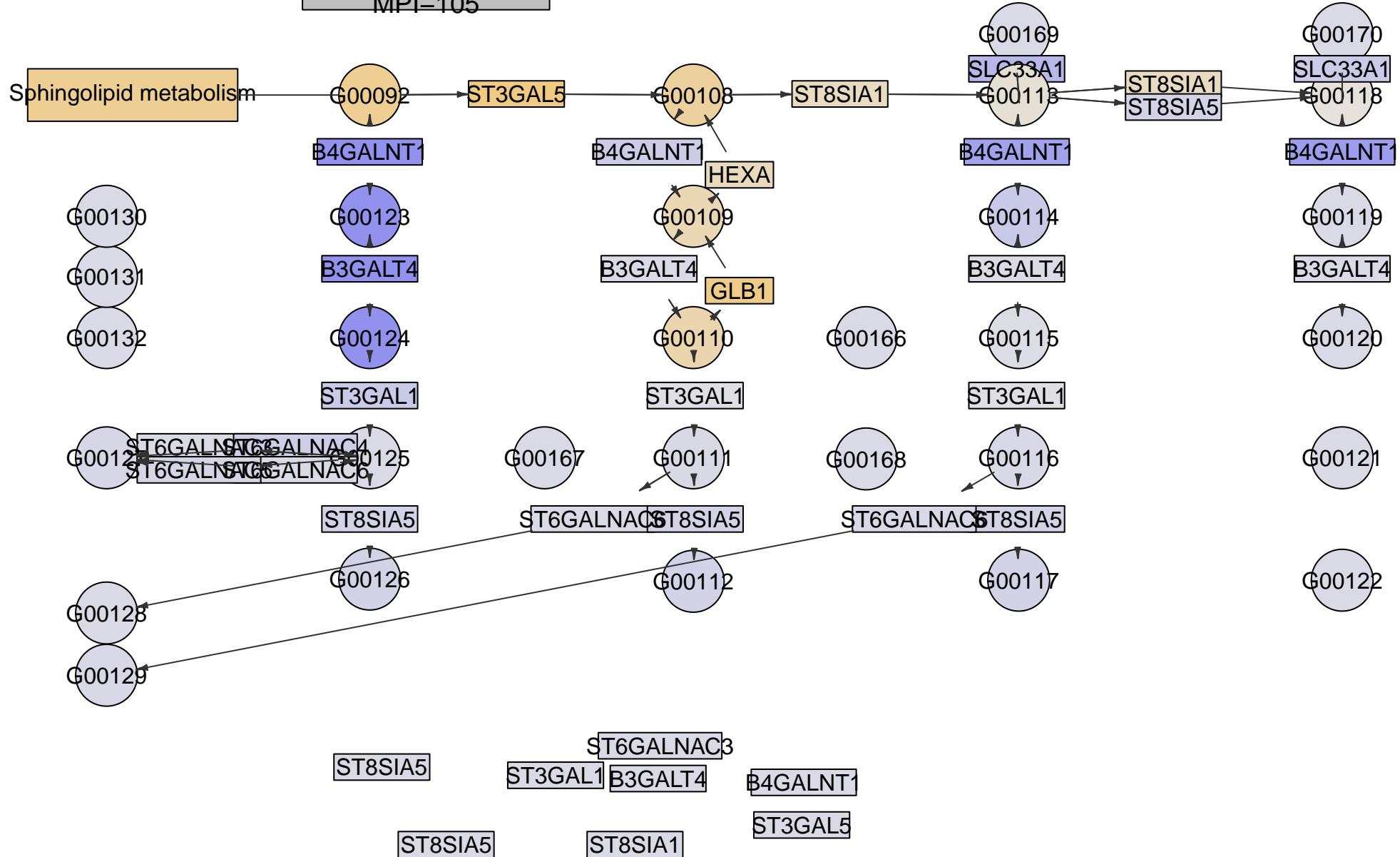
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-098



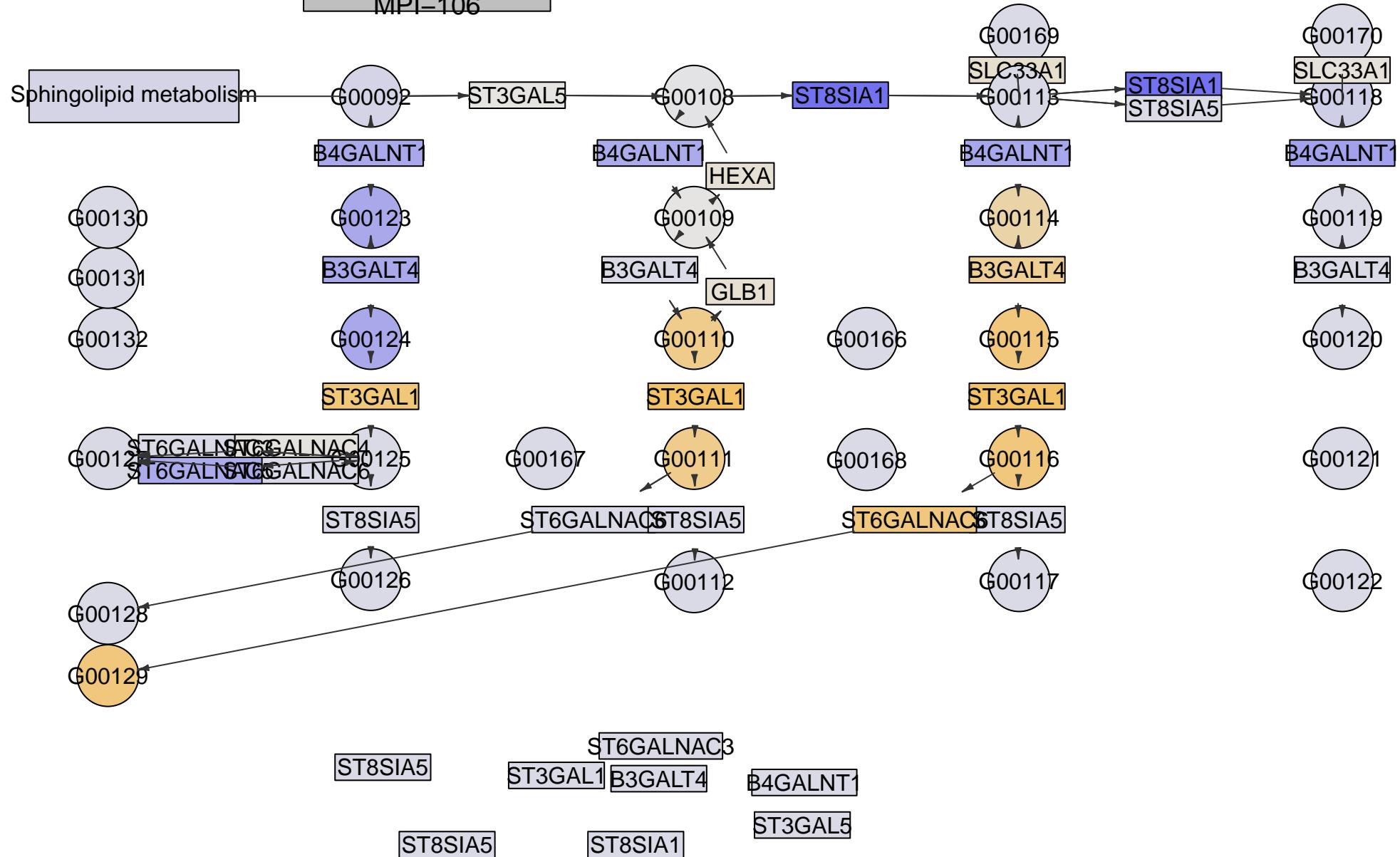
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-100



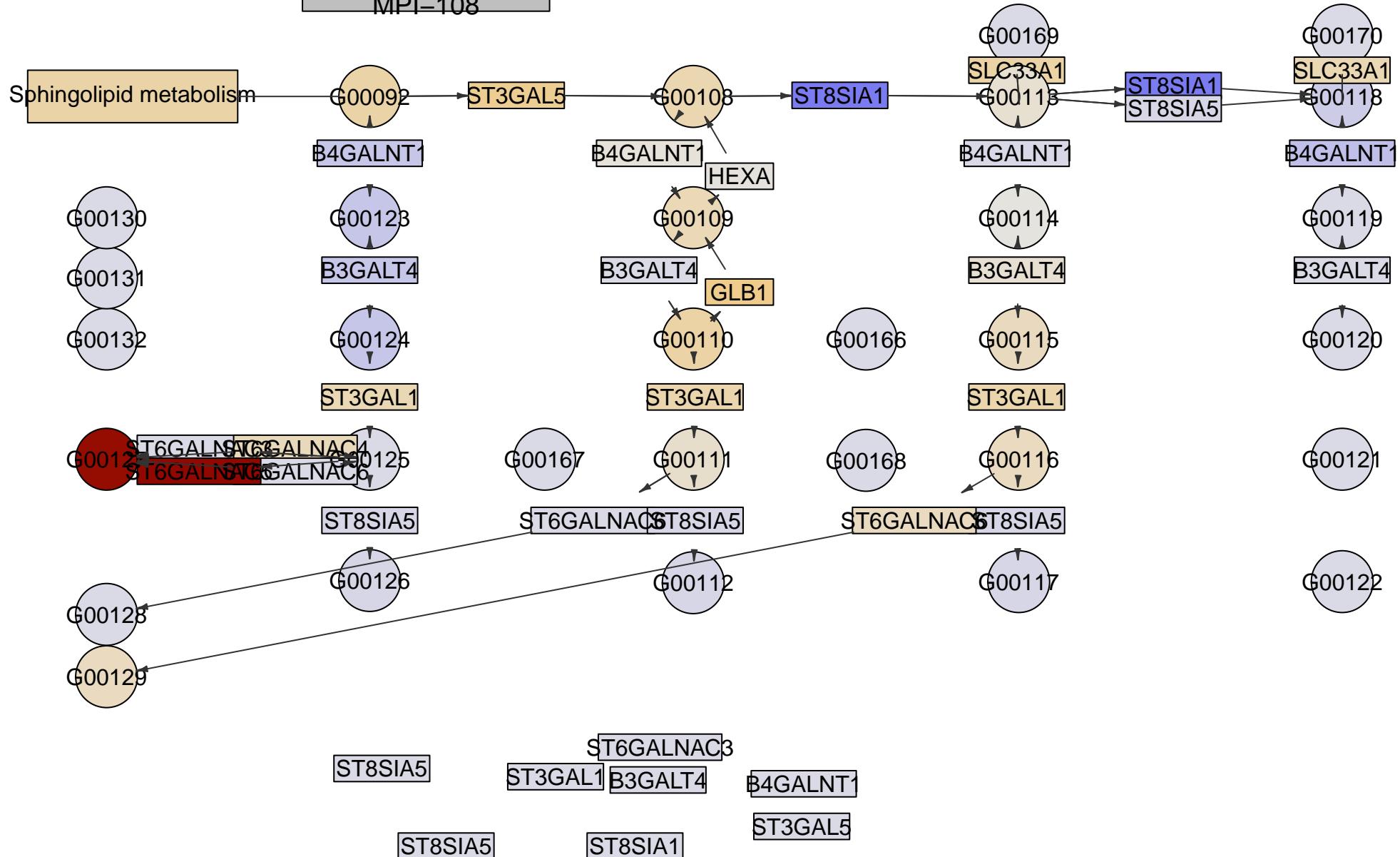
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-105



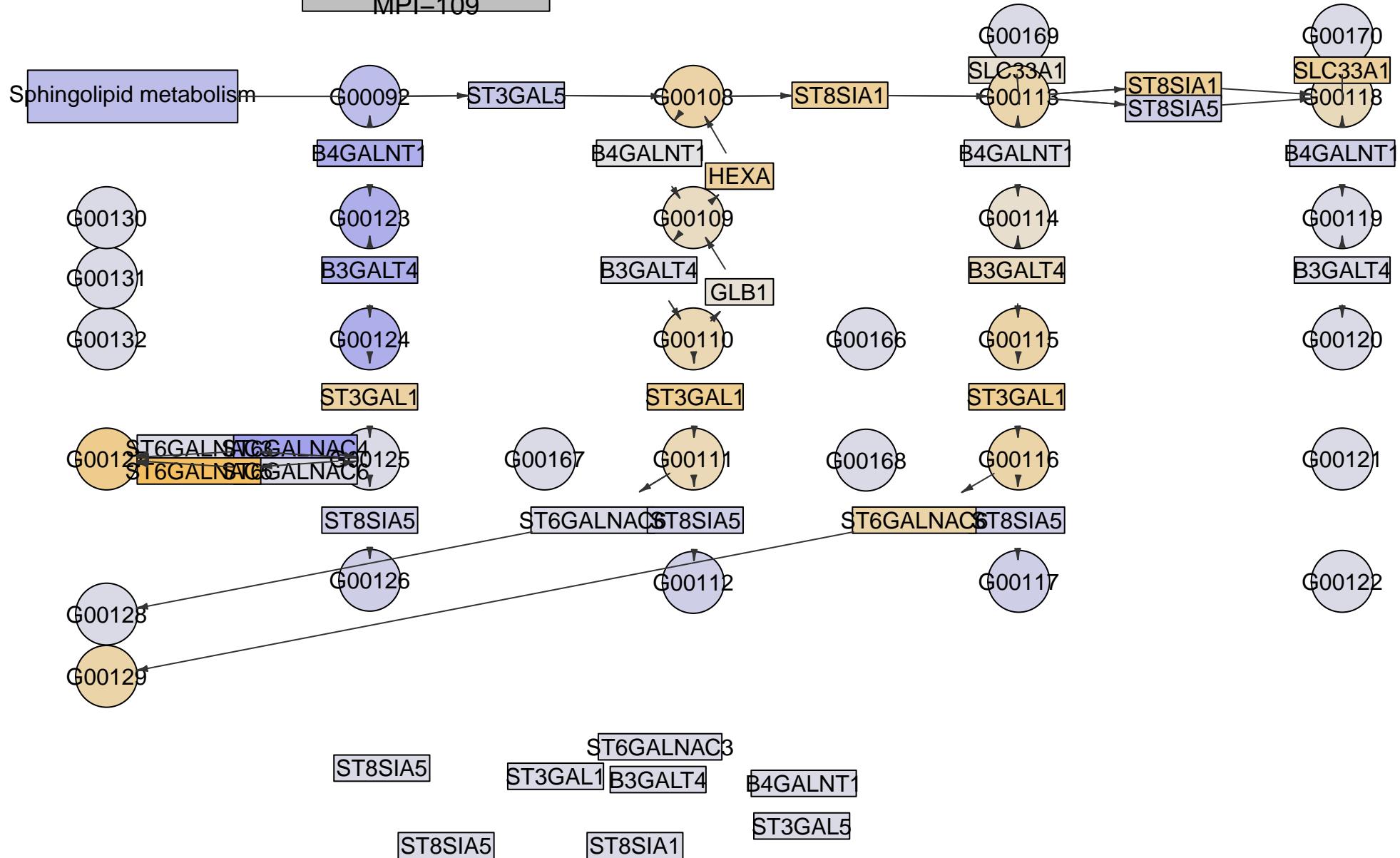
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-106



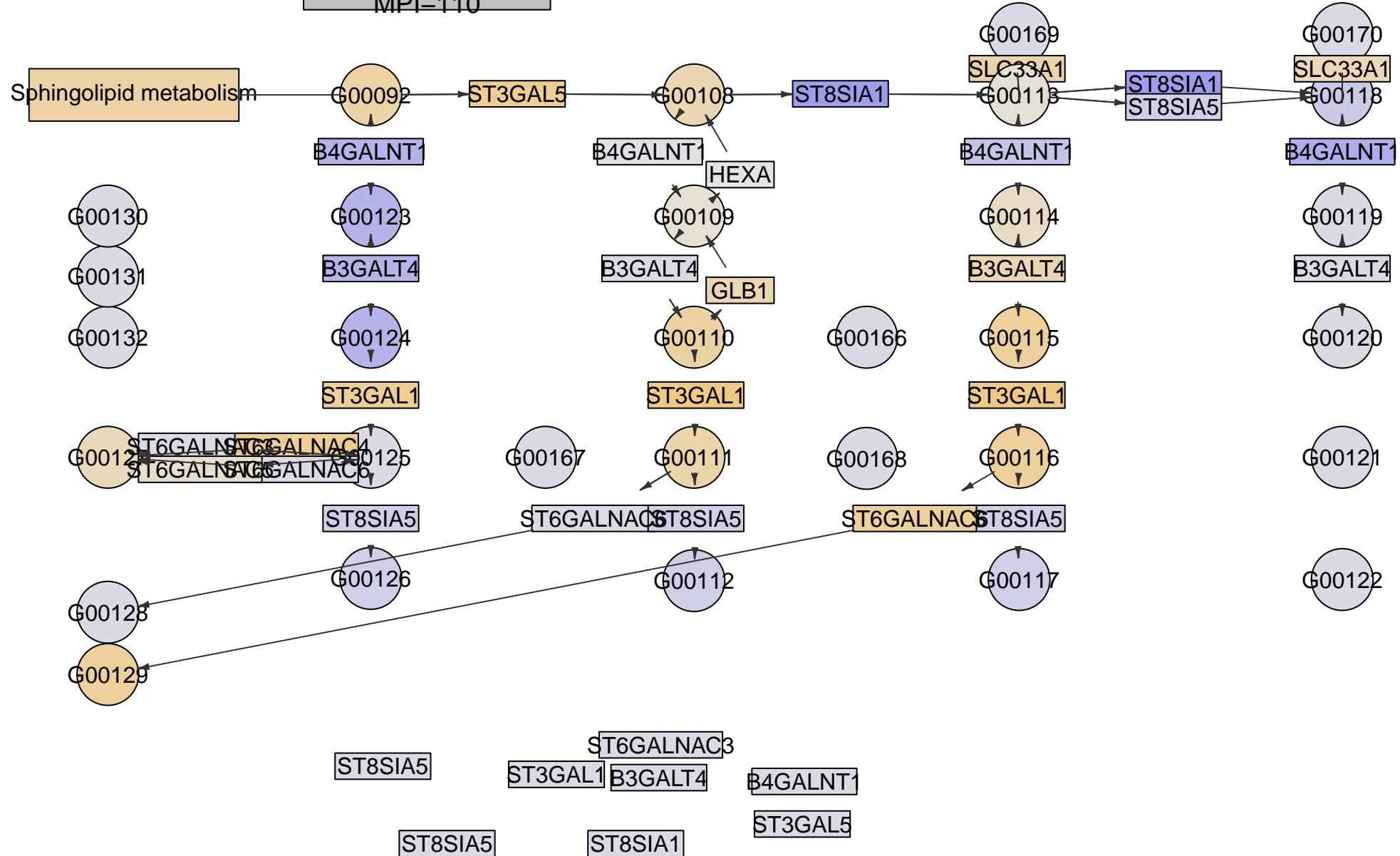
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-108



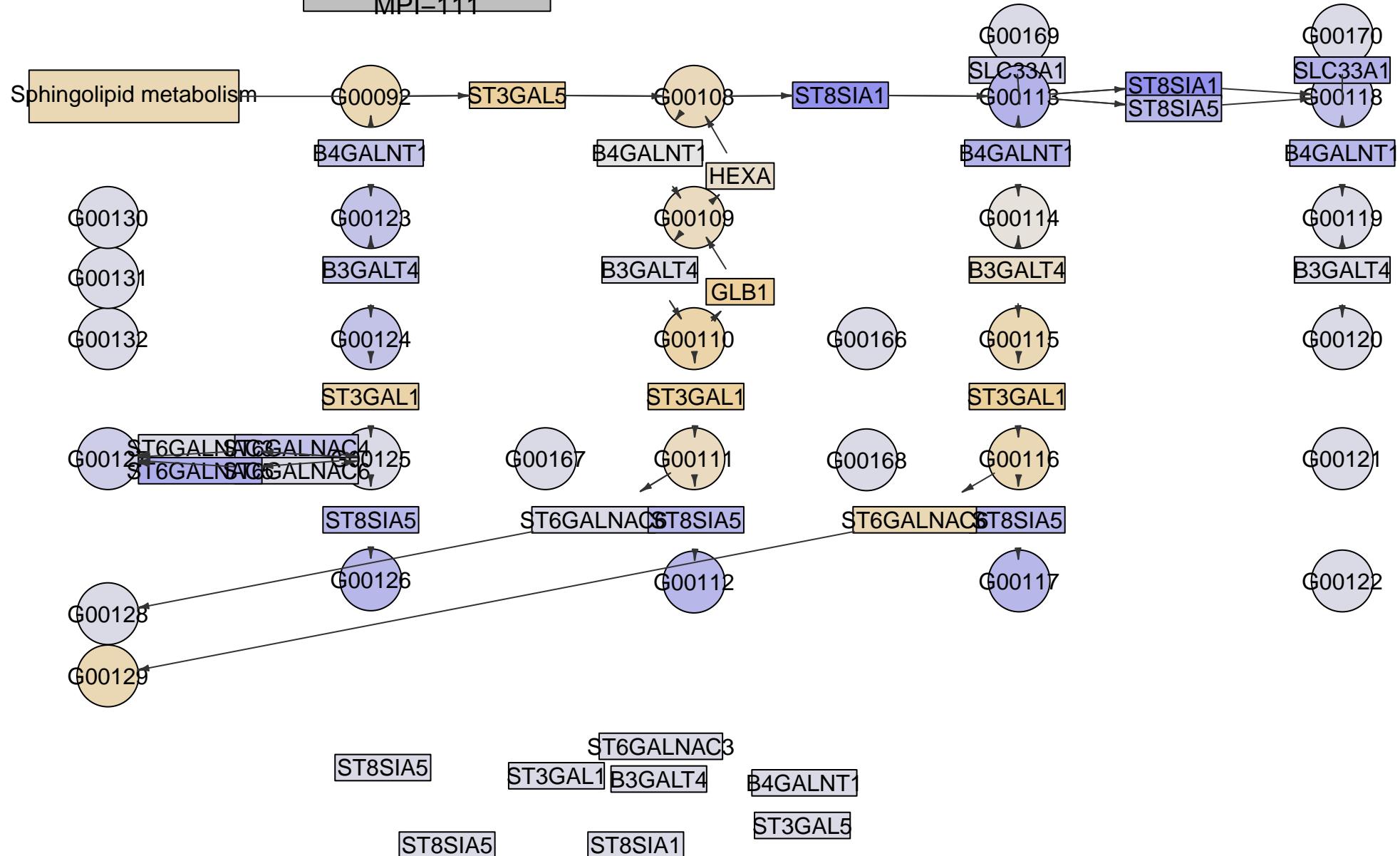
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-109



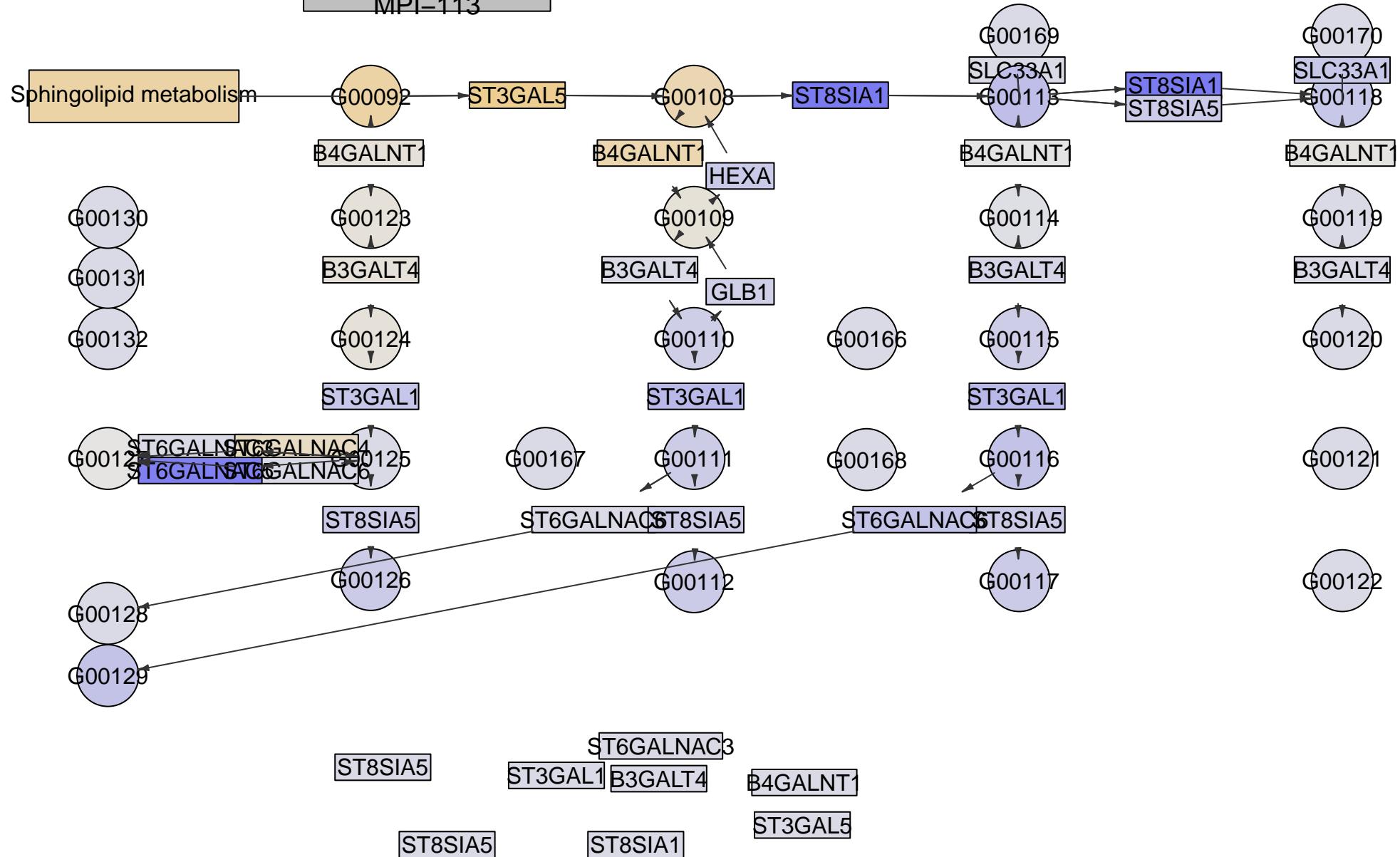
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-110



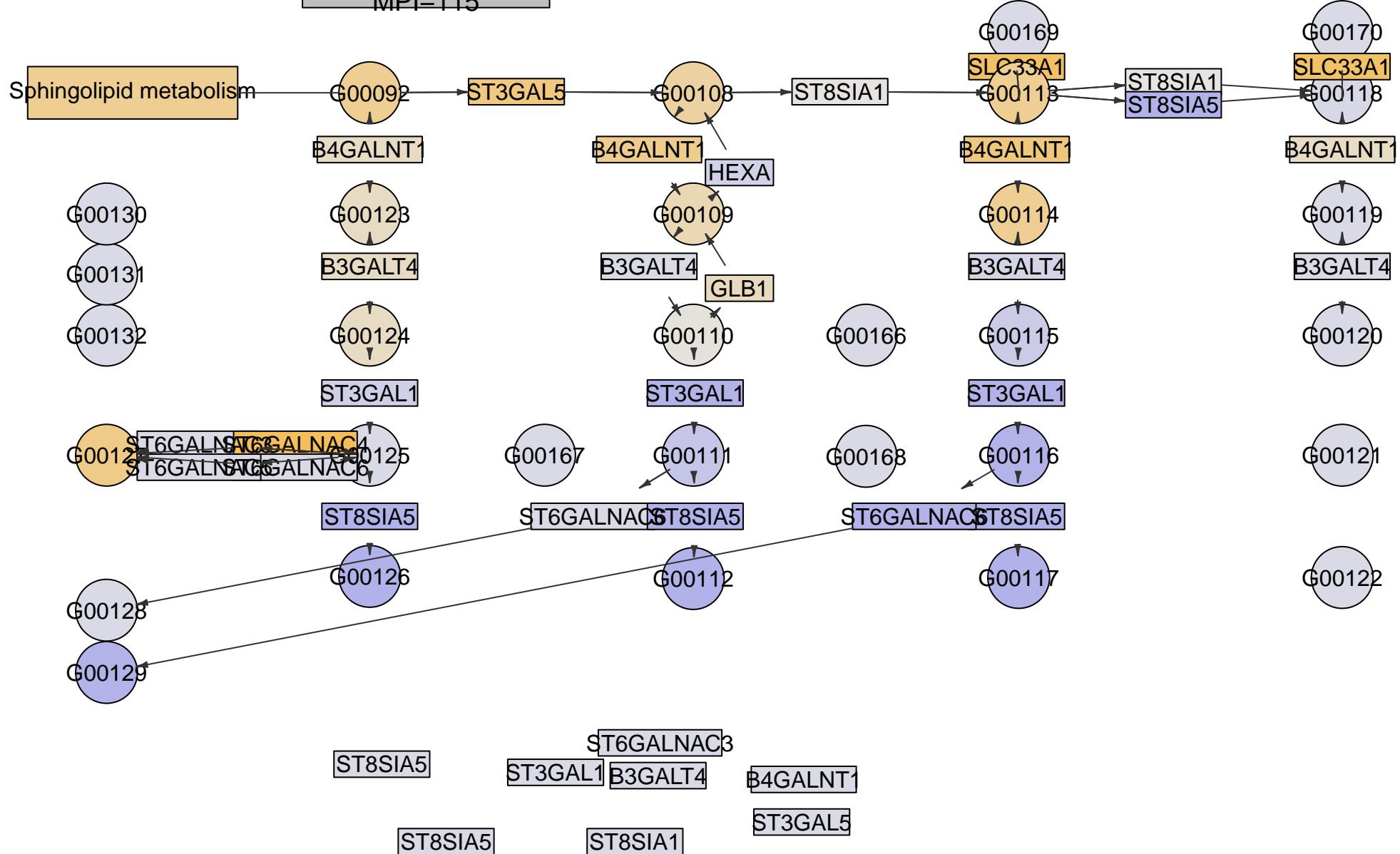
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-111



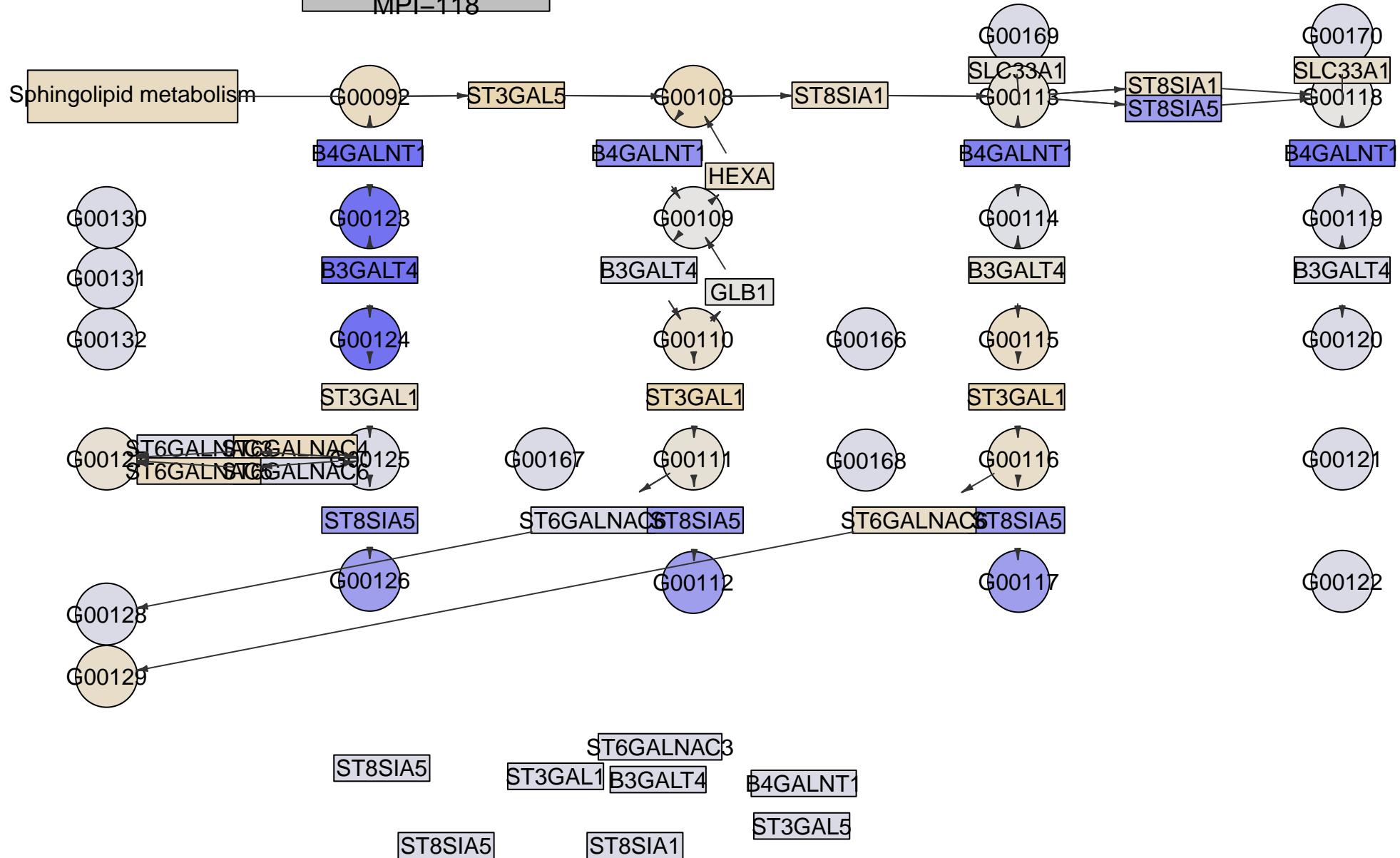
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-113



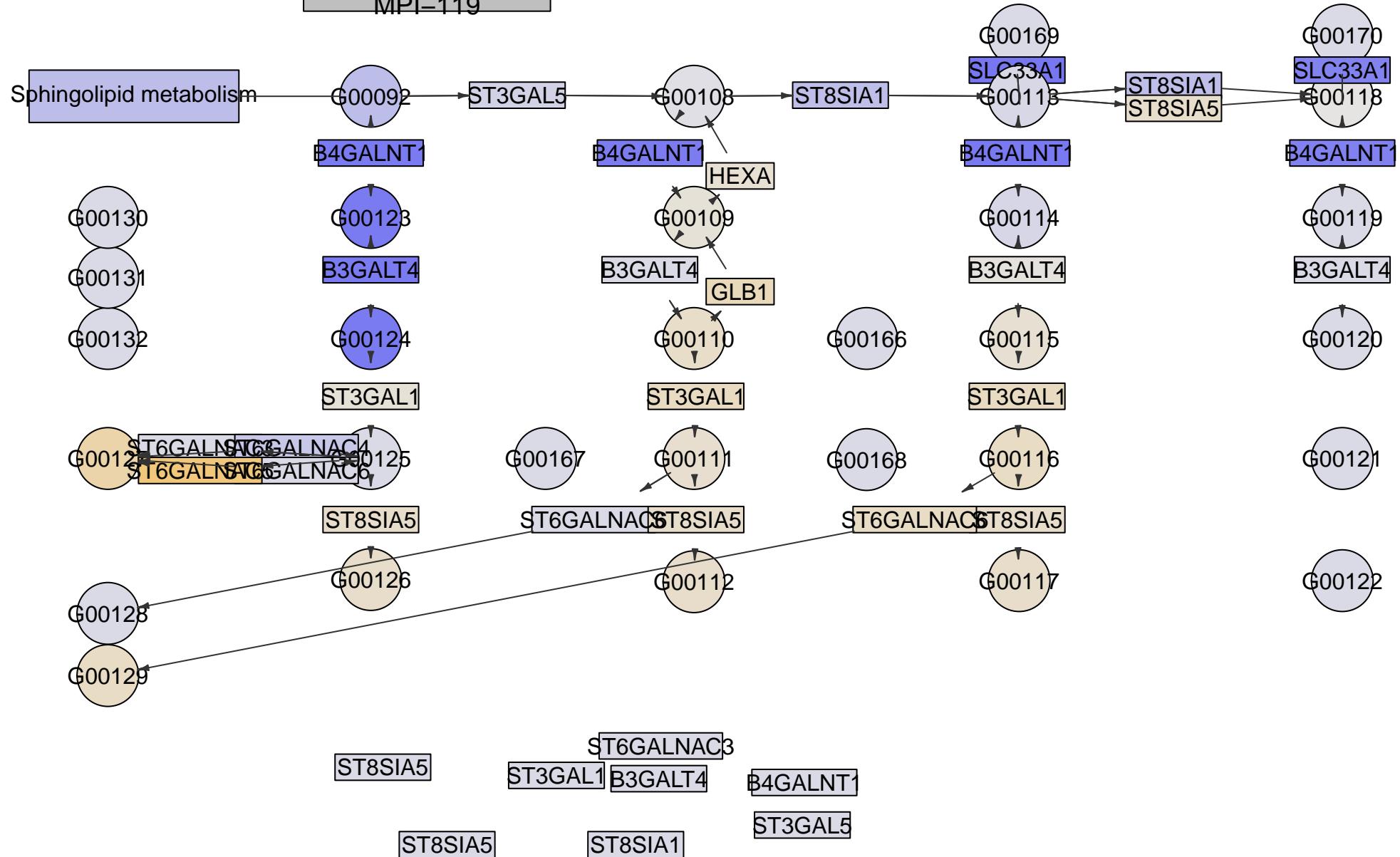
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-115



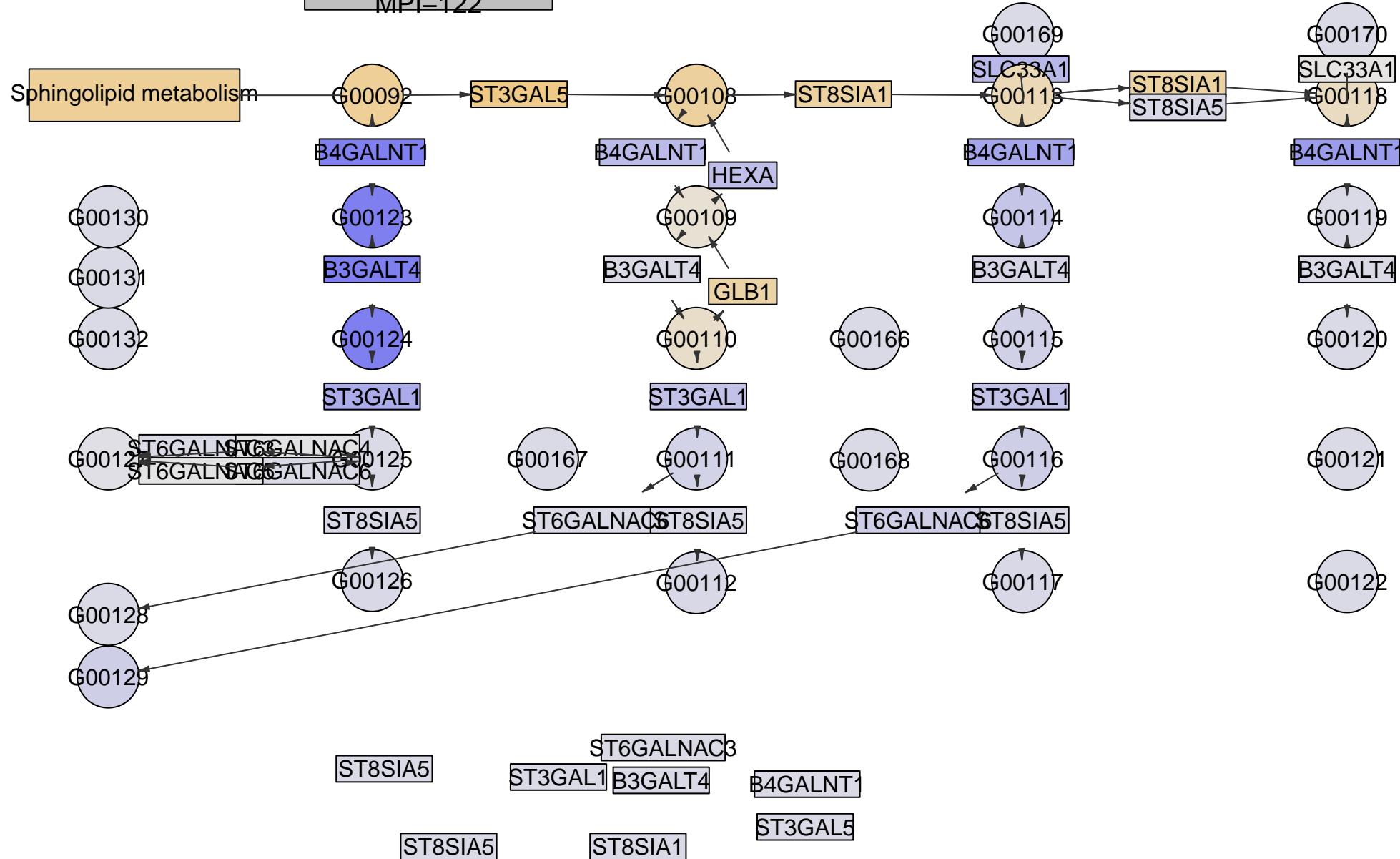
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-118



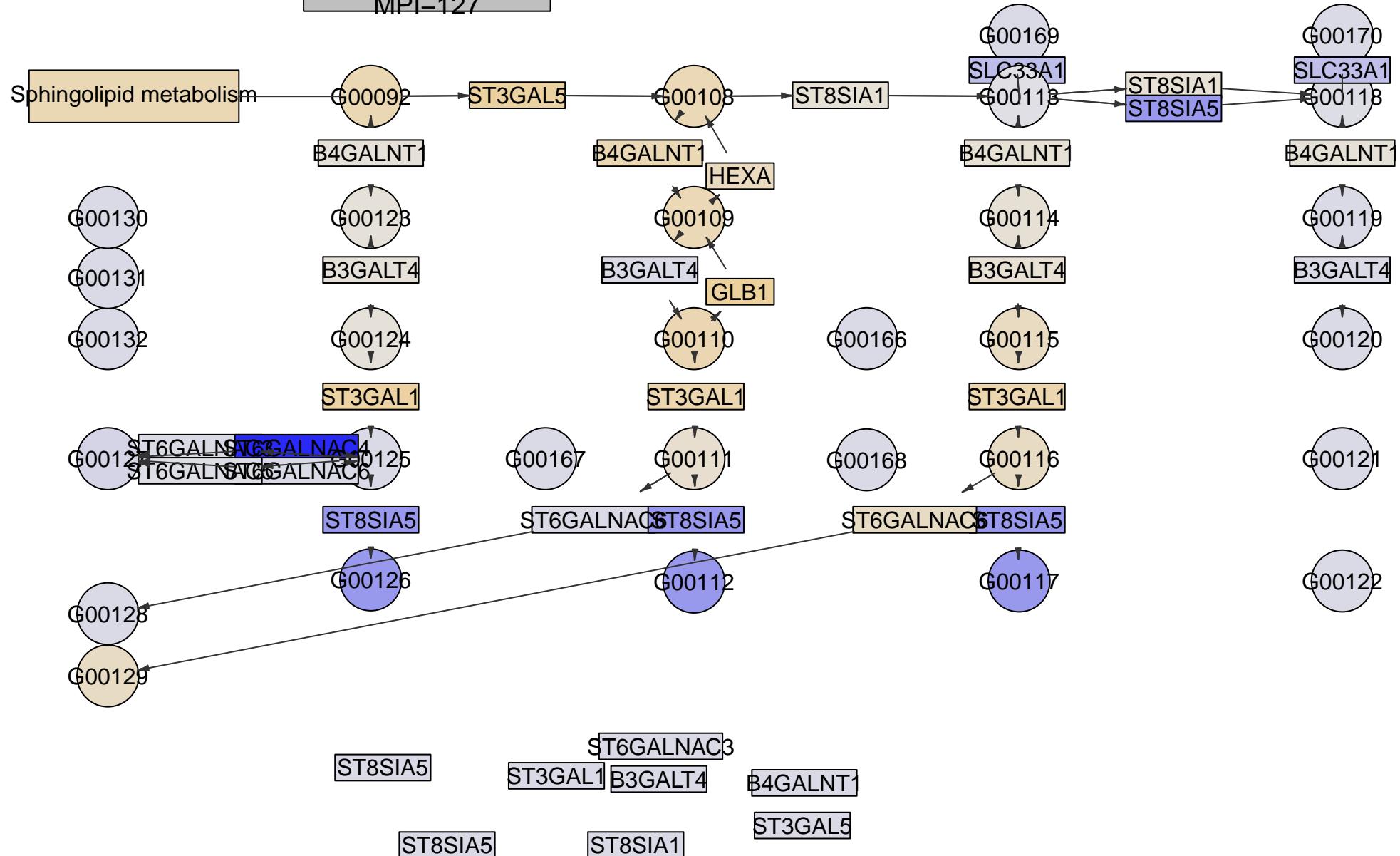
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-119



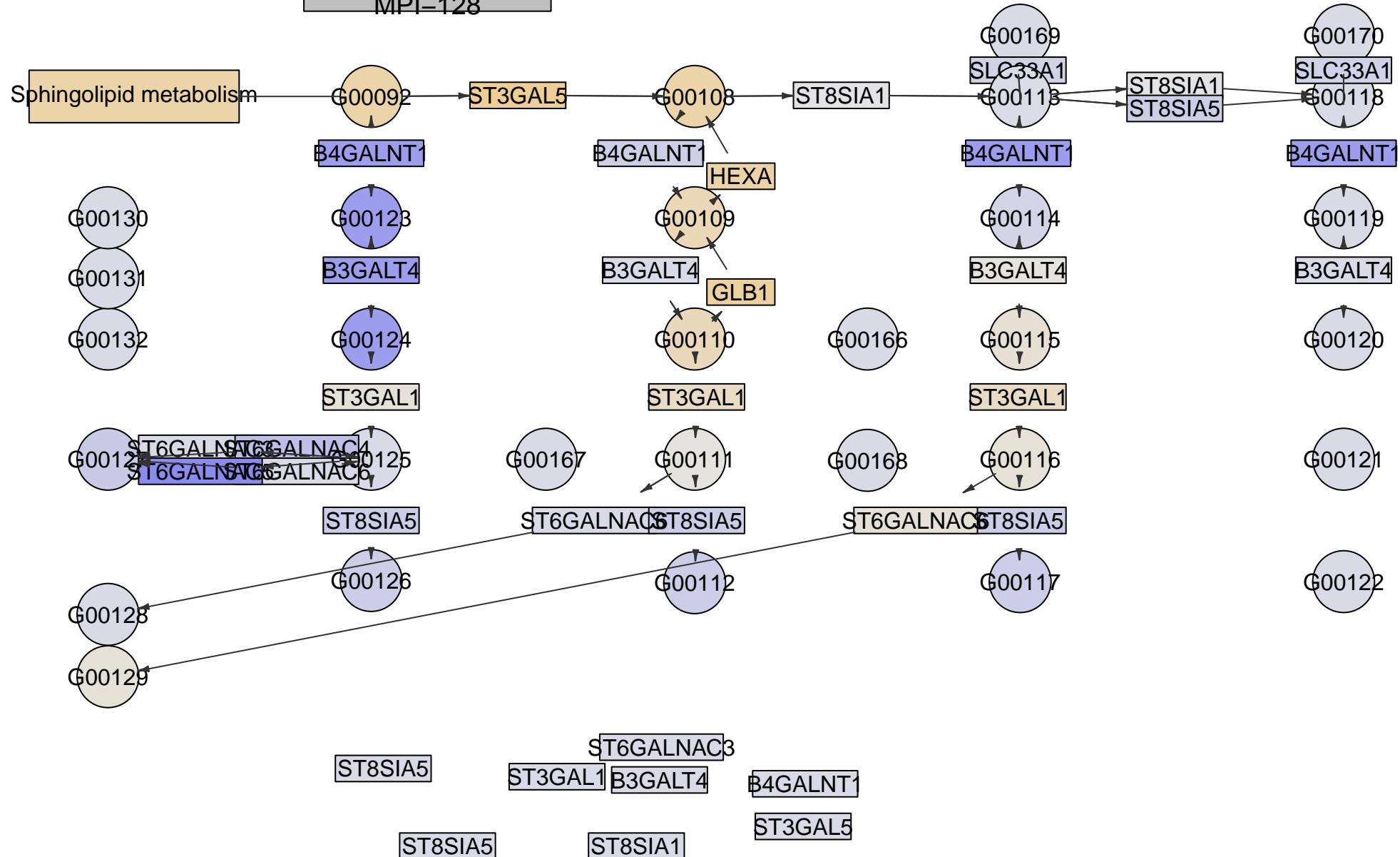
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-122



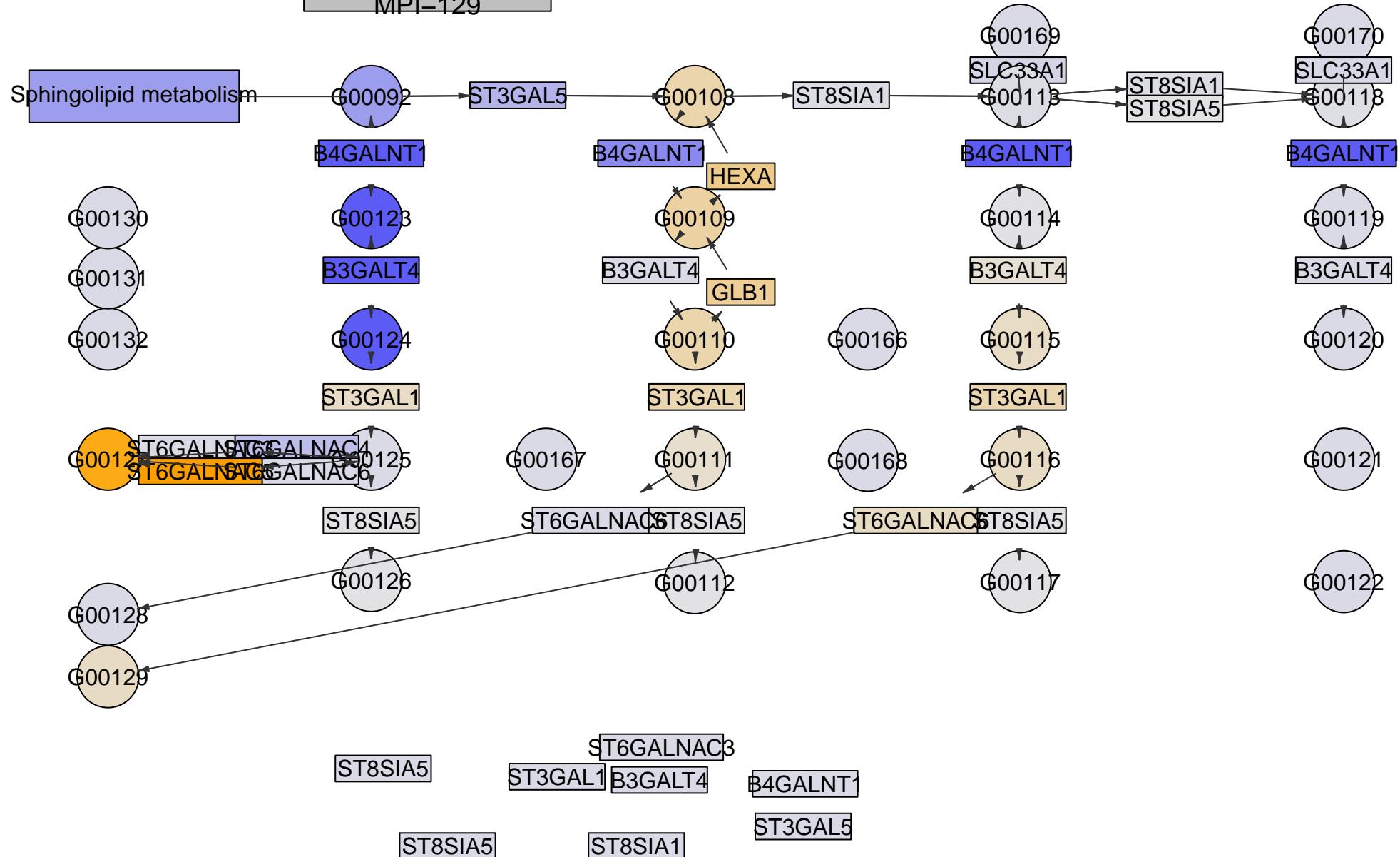
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-127



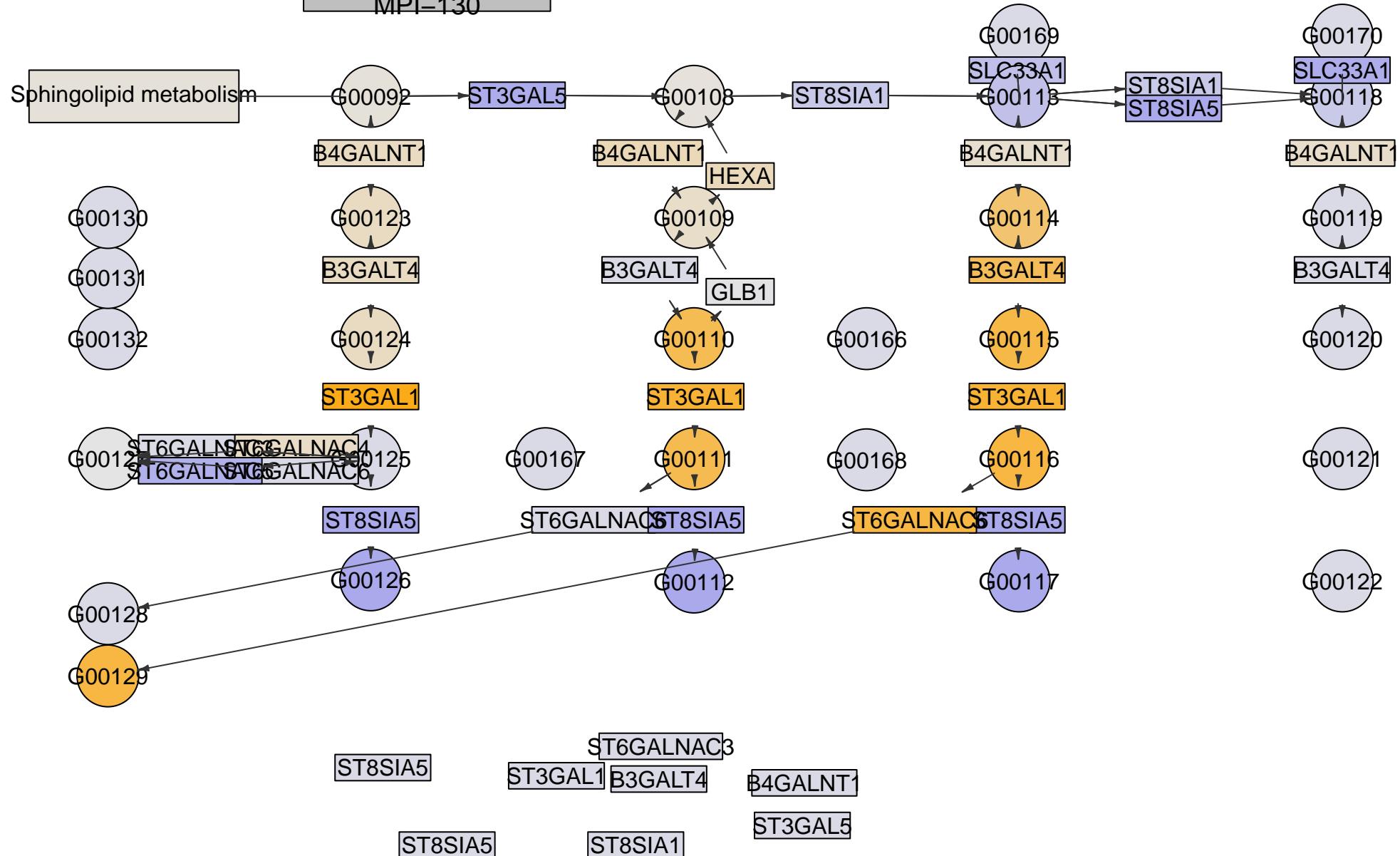
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-128



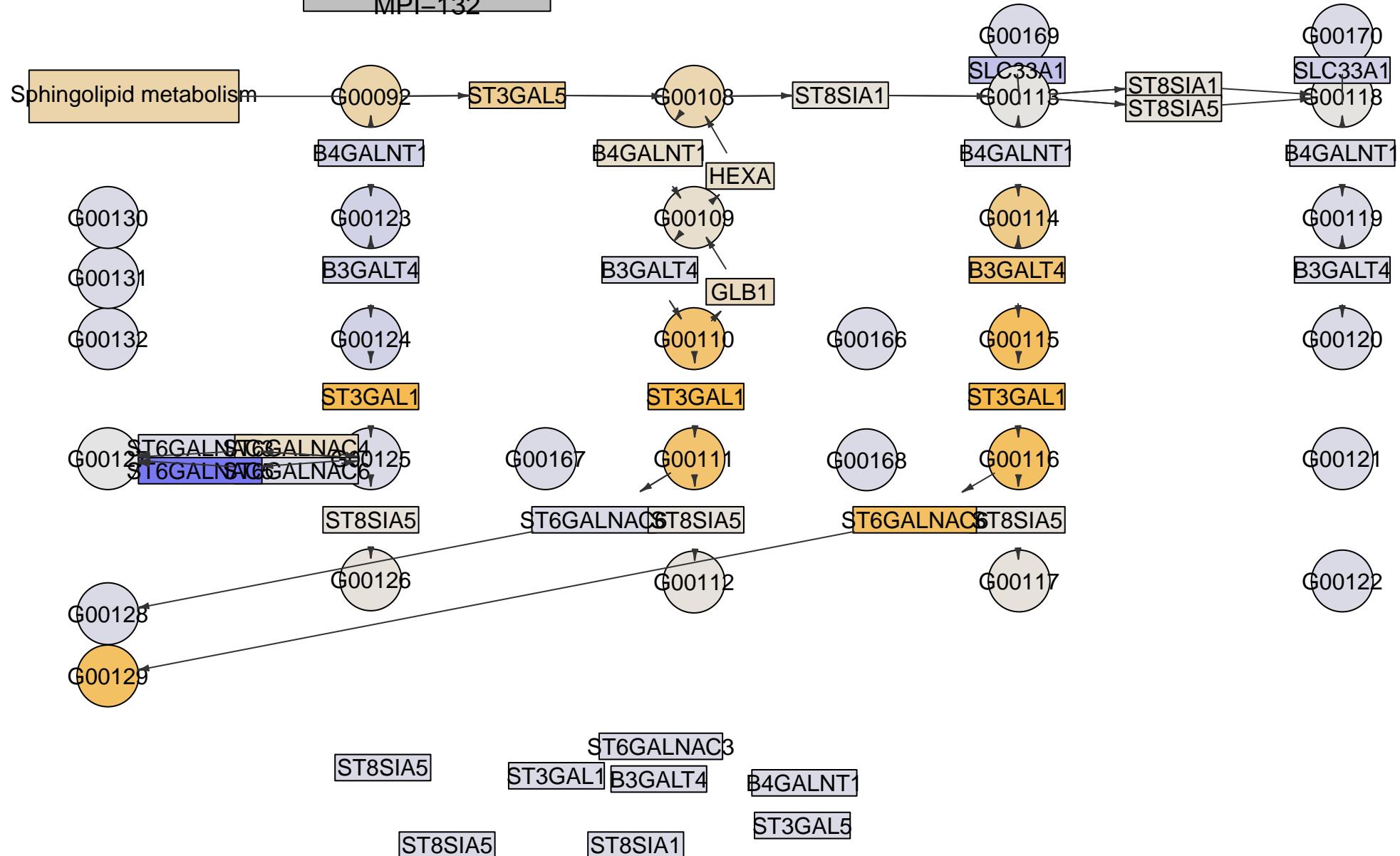
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-129



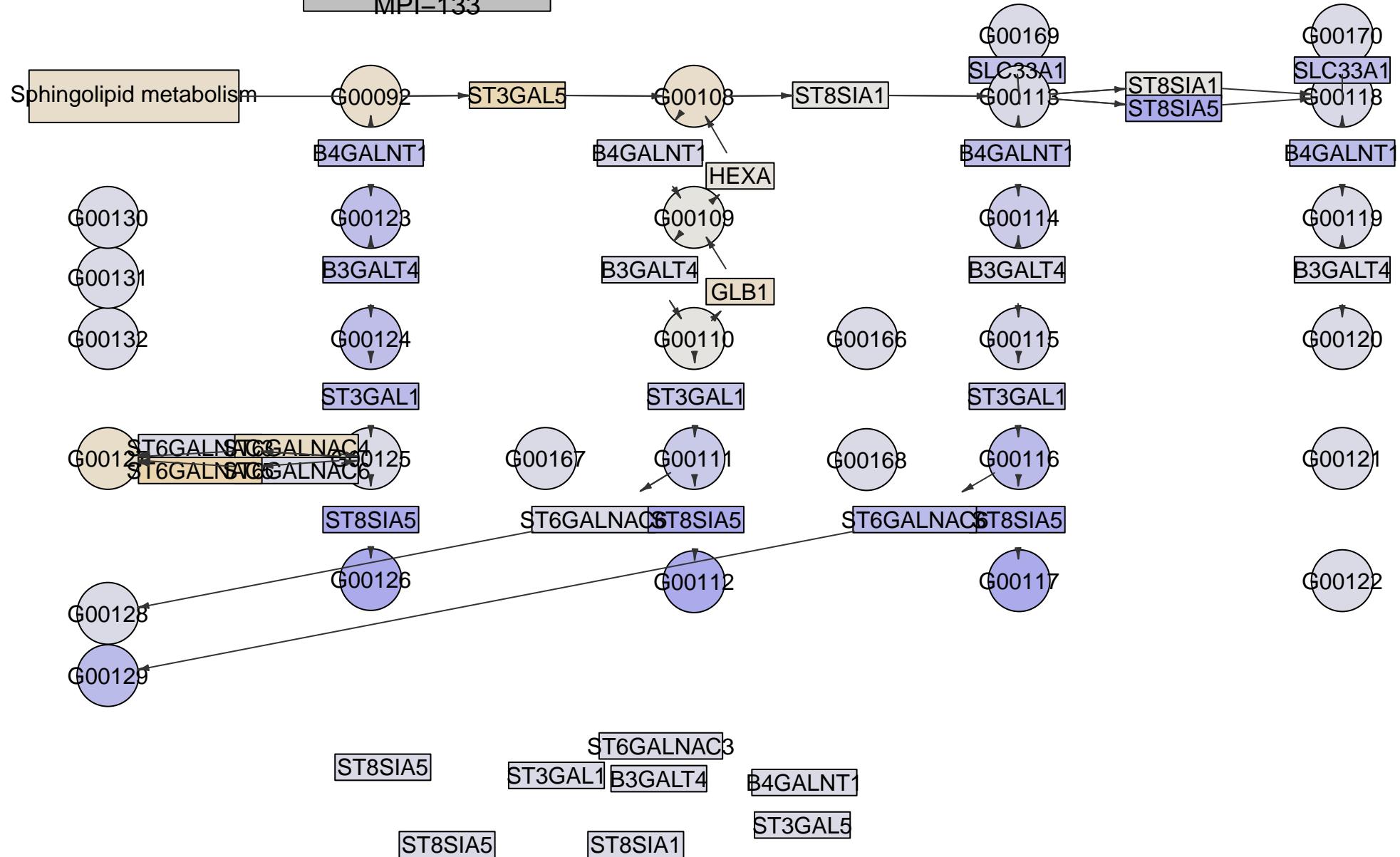
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-130



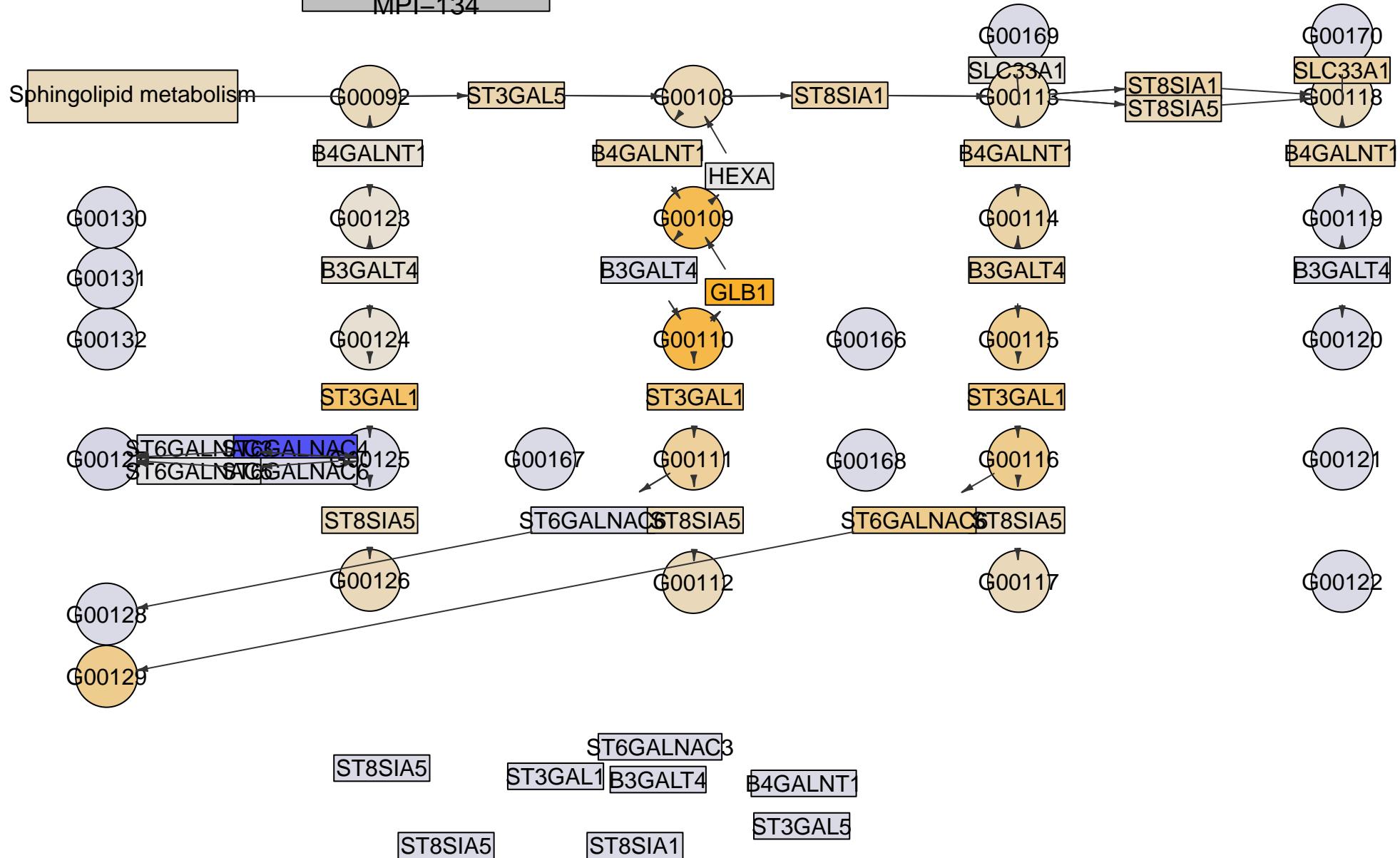
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-132



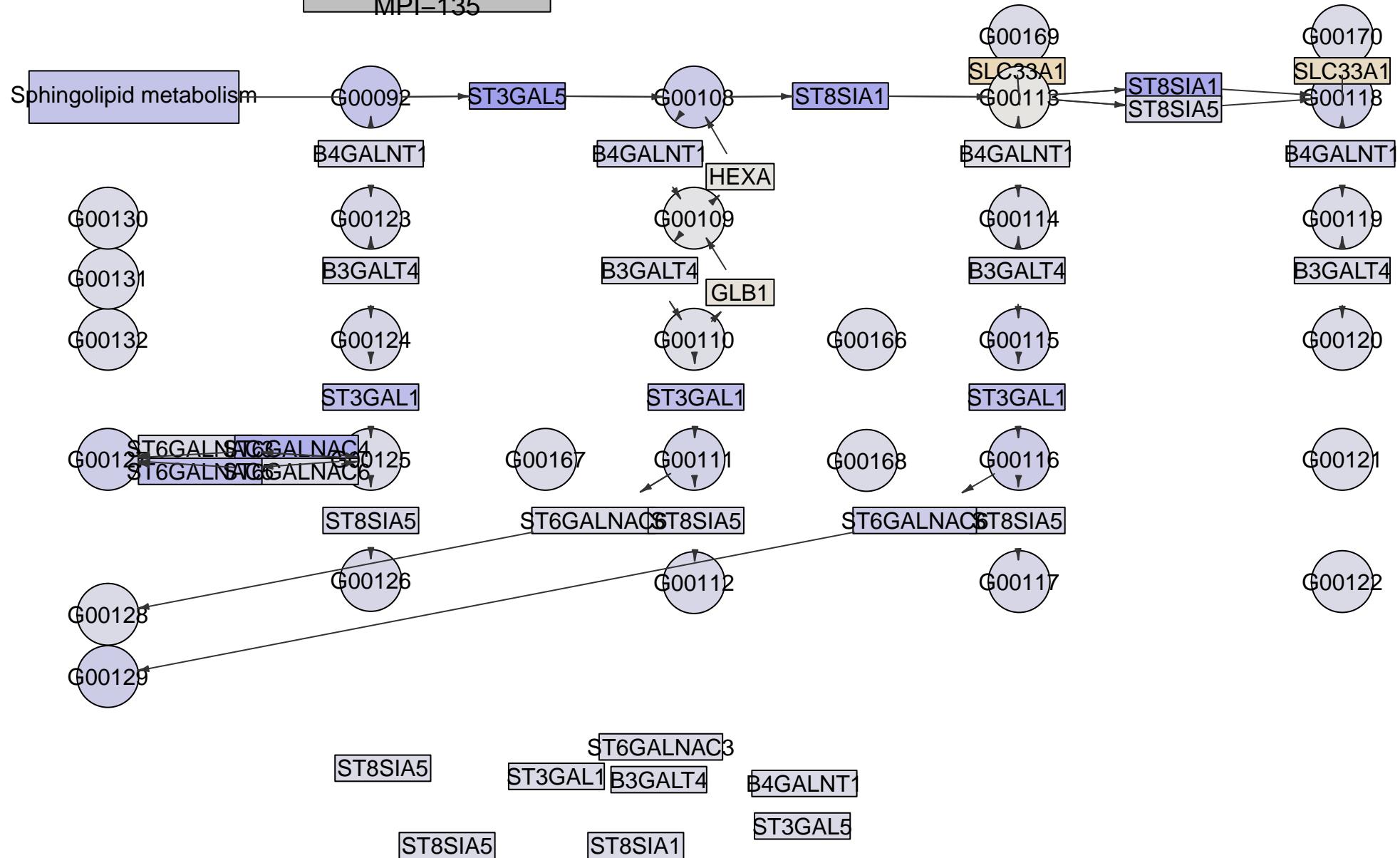
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-133



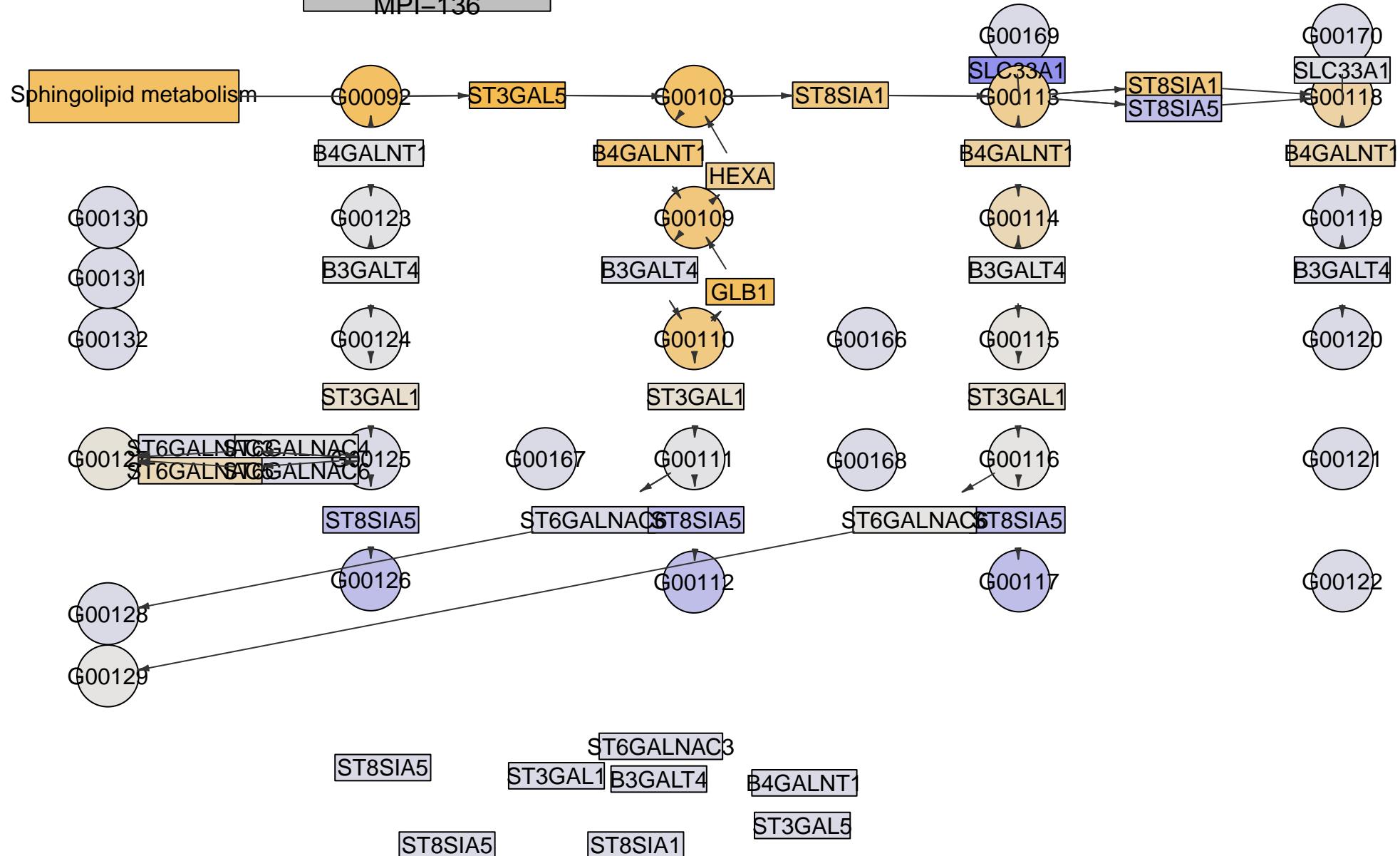
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-134



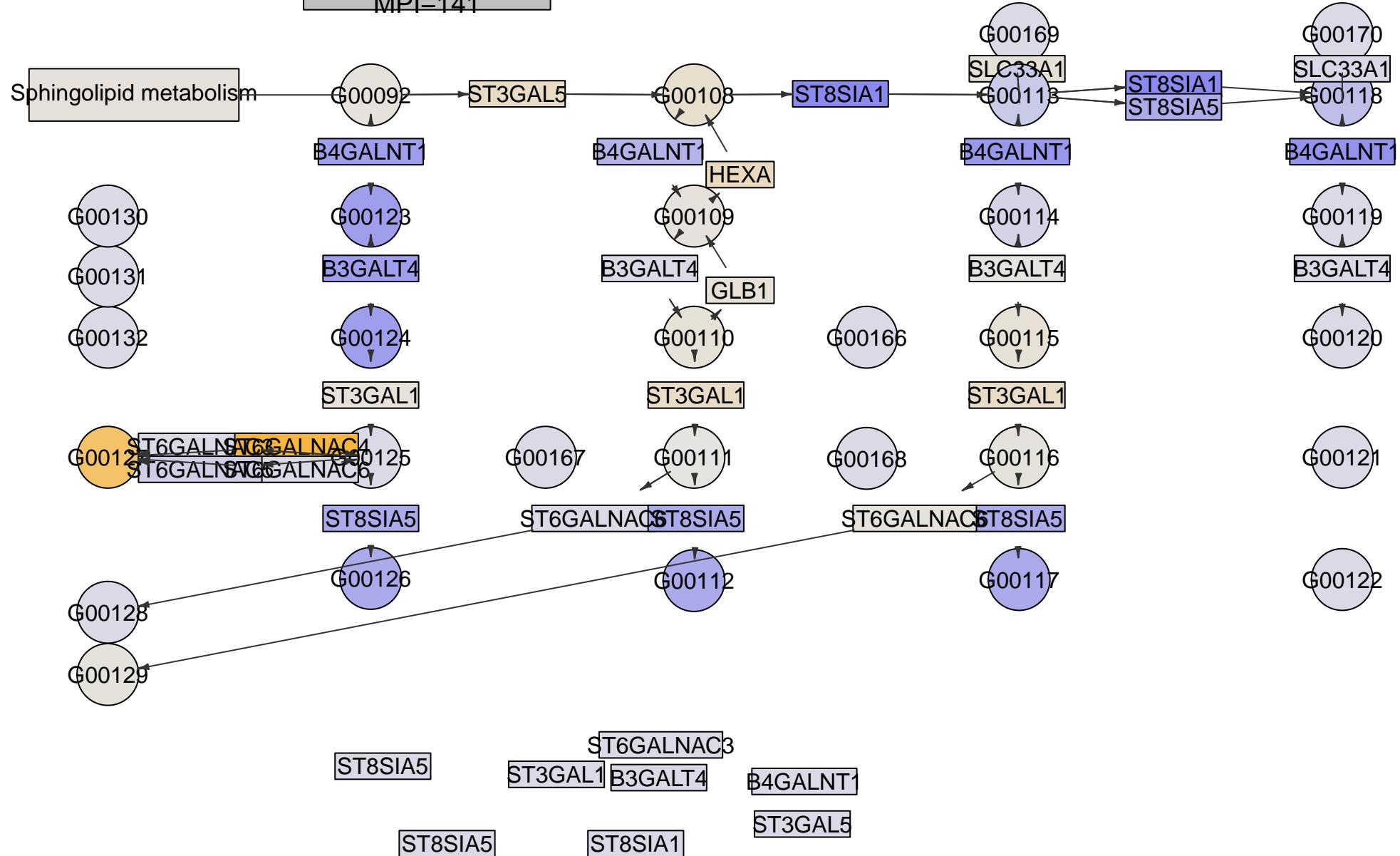
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-135



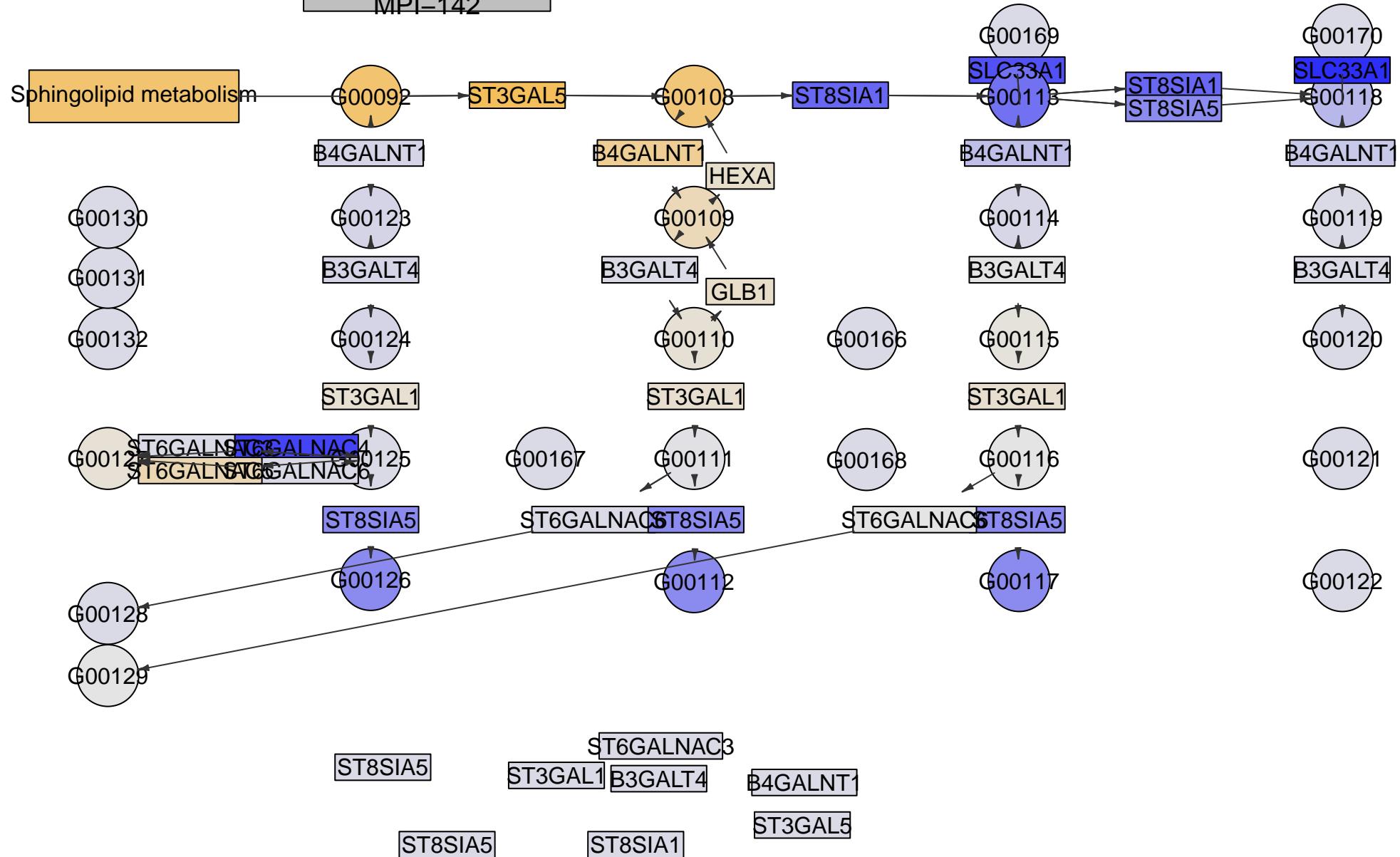
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-136



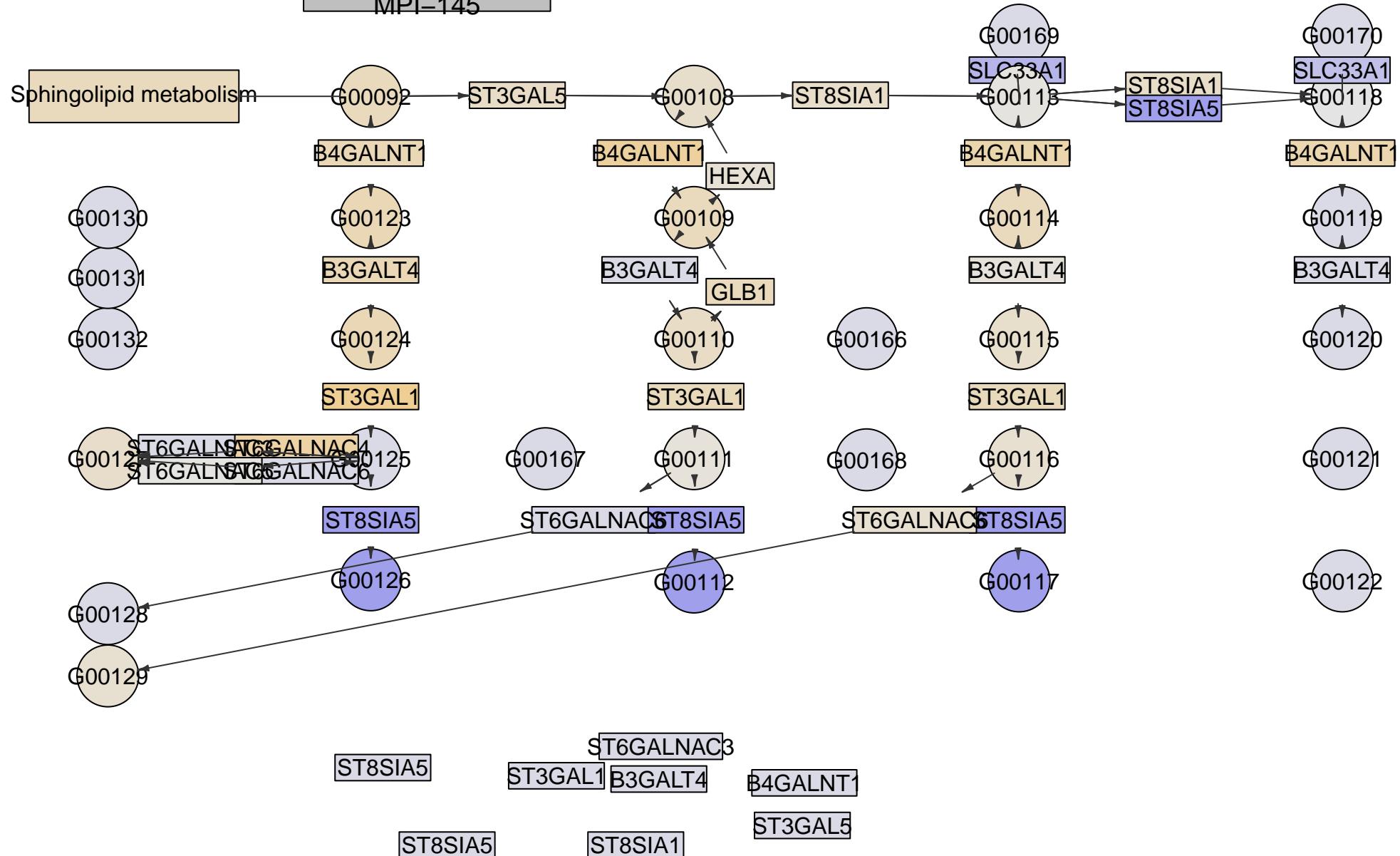
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-141



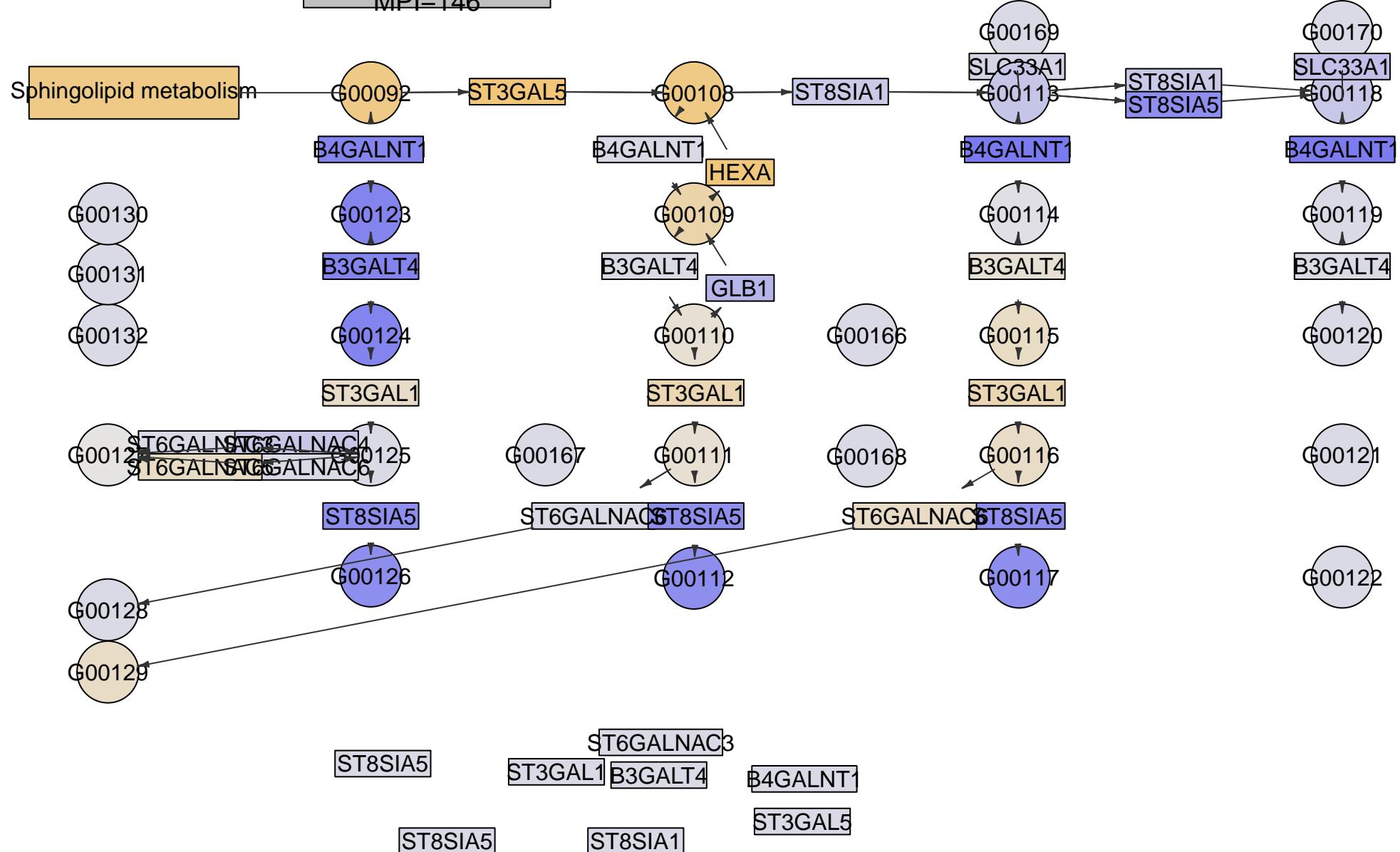
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-142



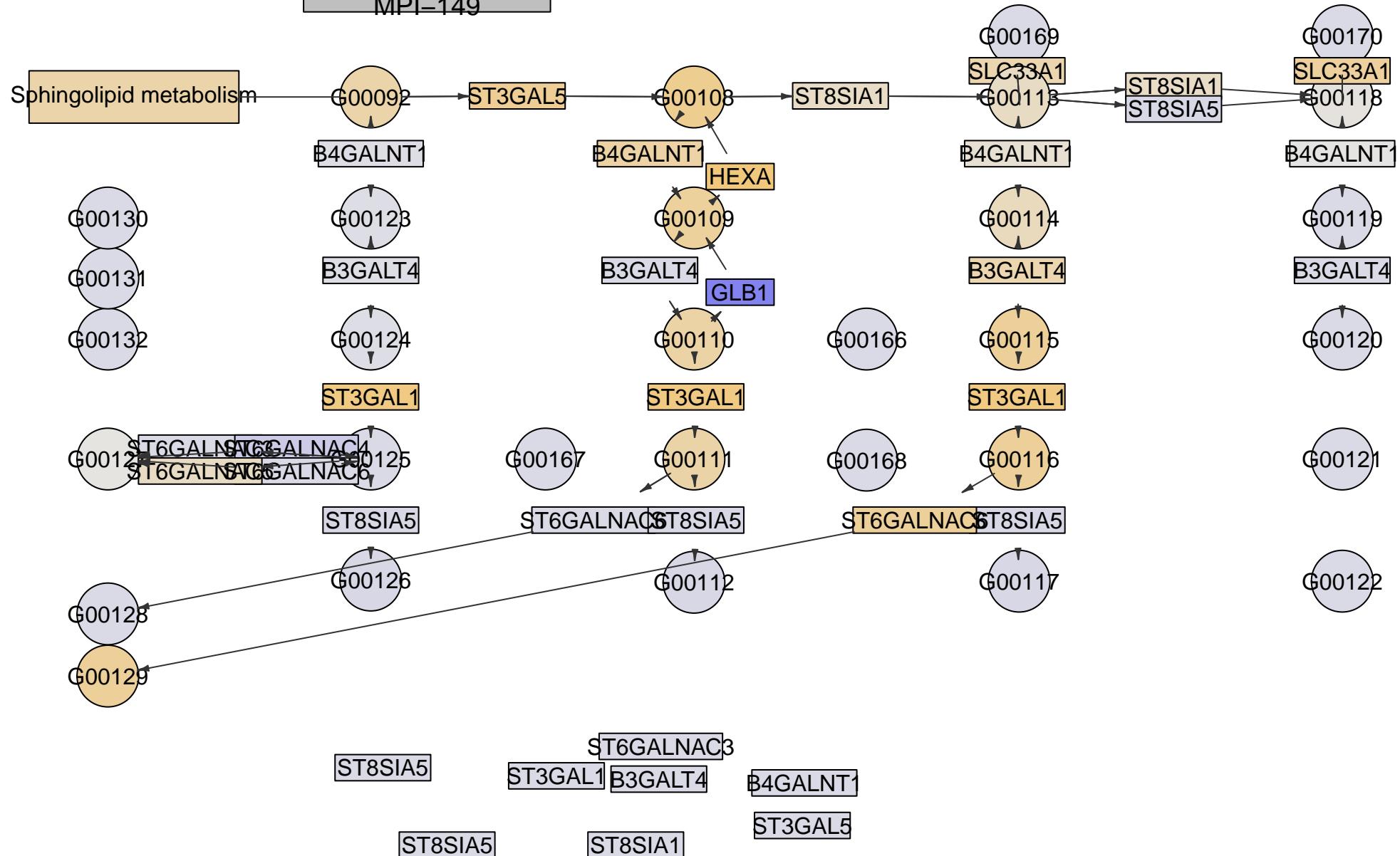
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-145



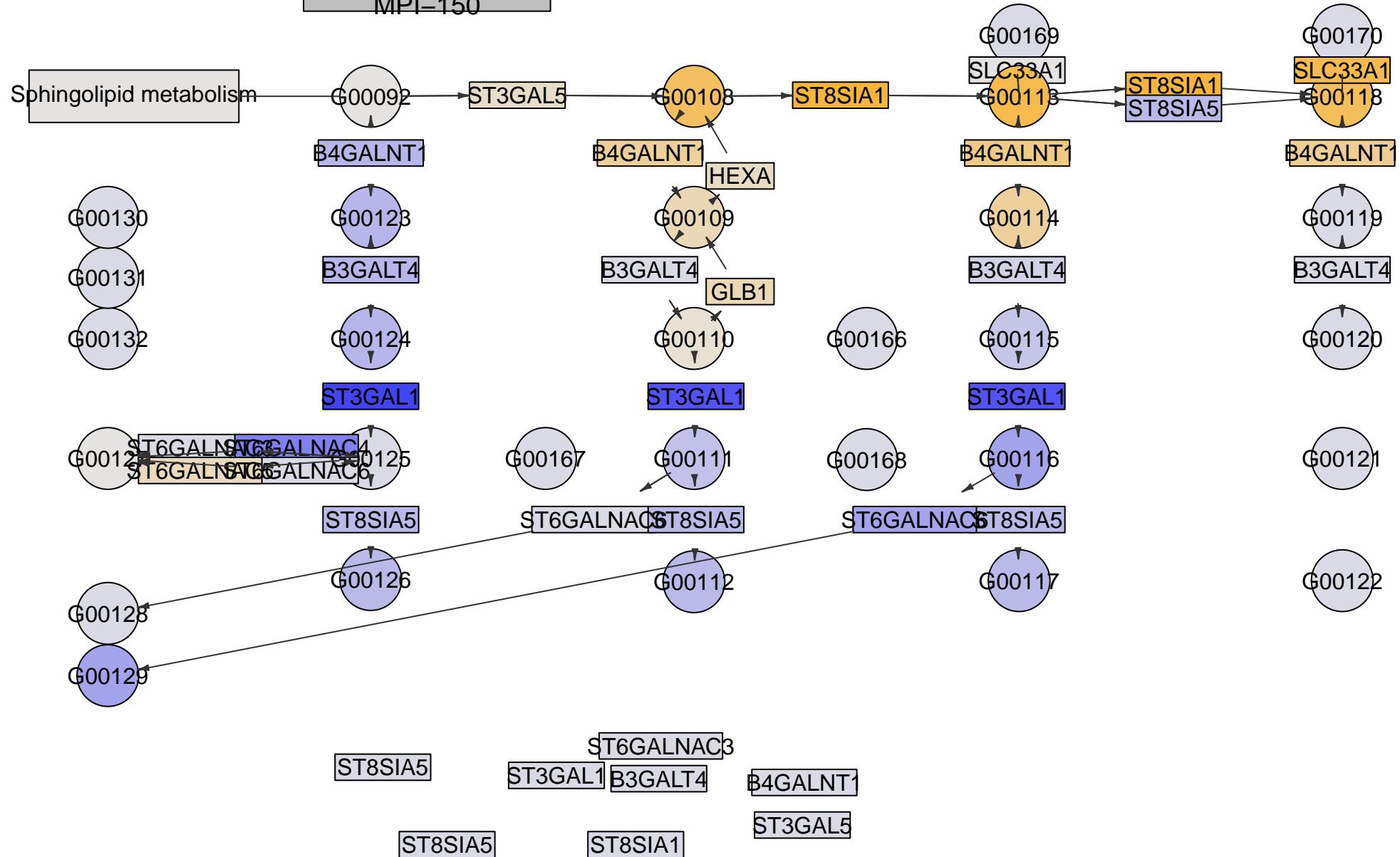
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-146



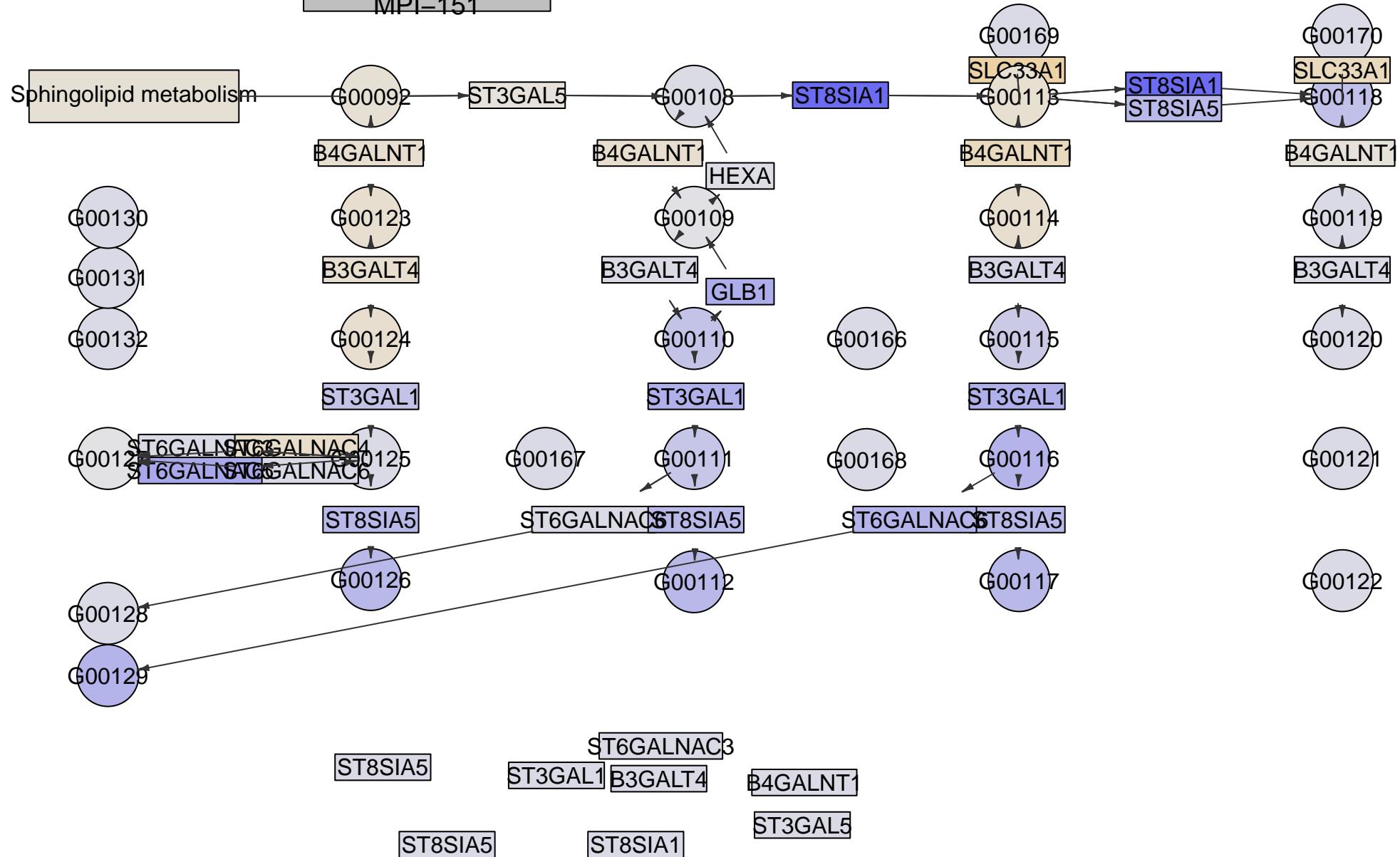
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-149



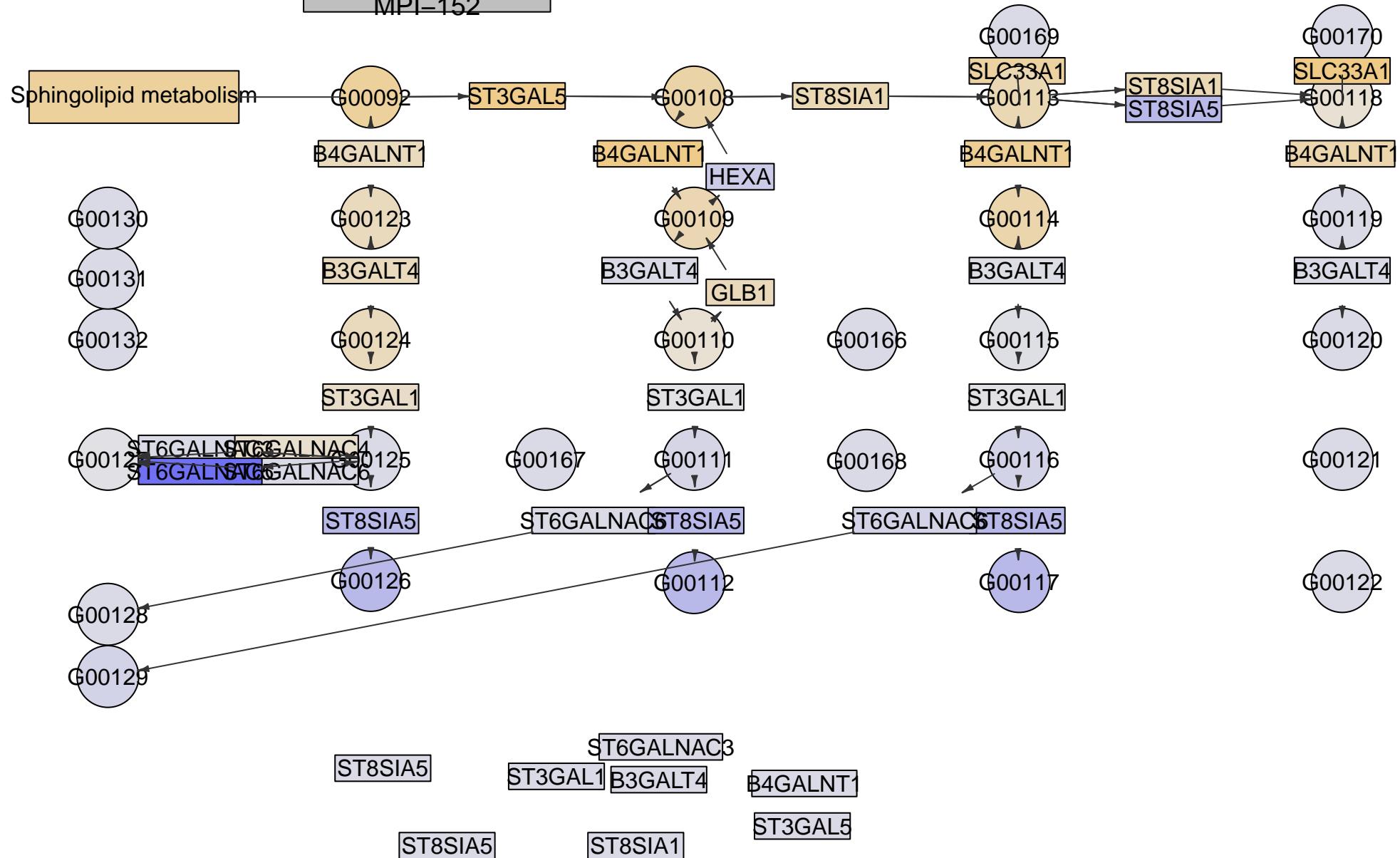
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-150



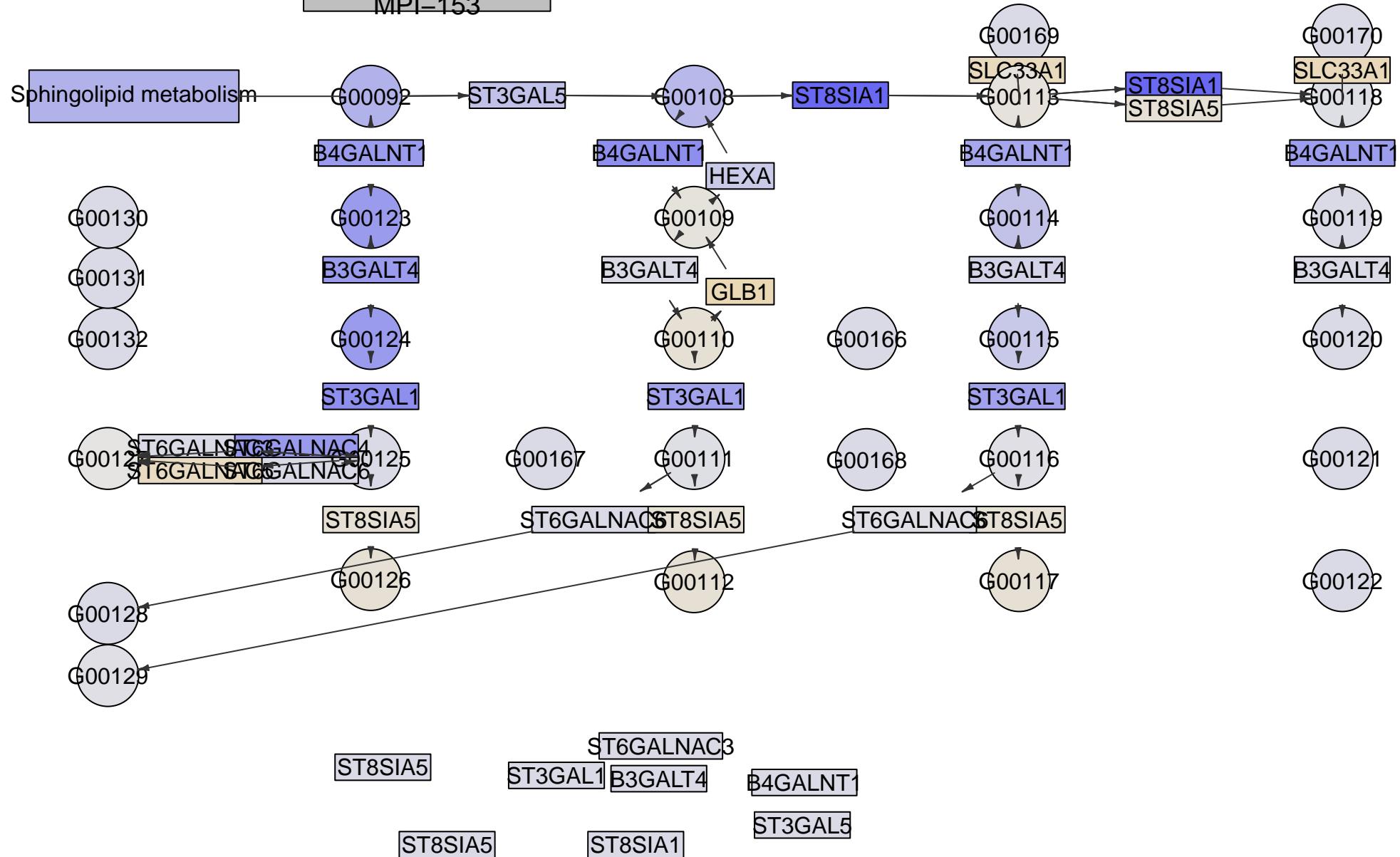
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-151



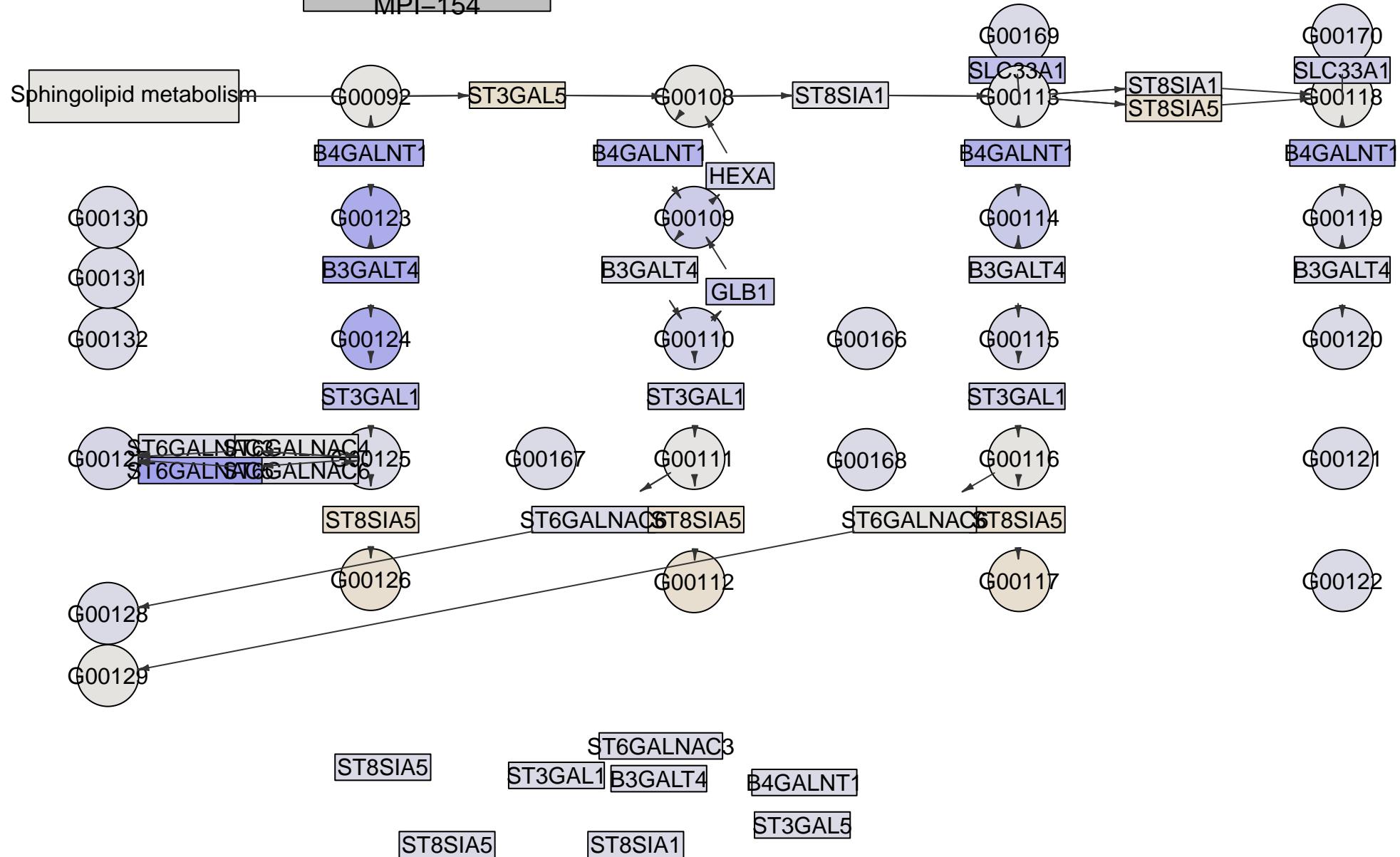
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-152



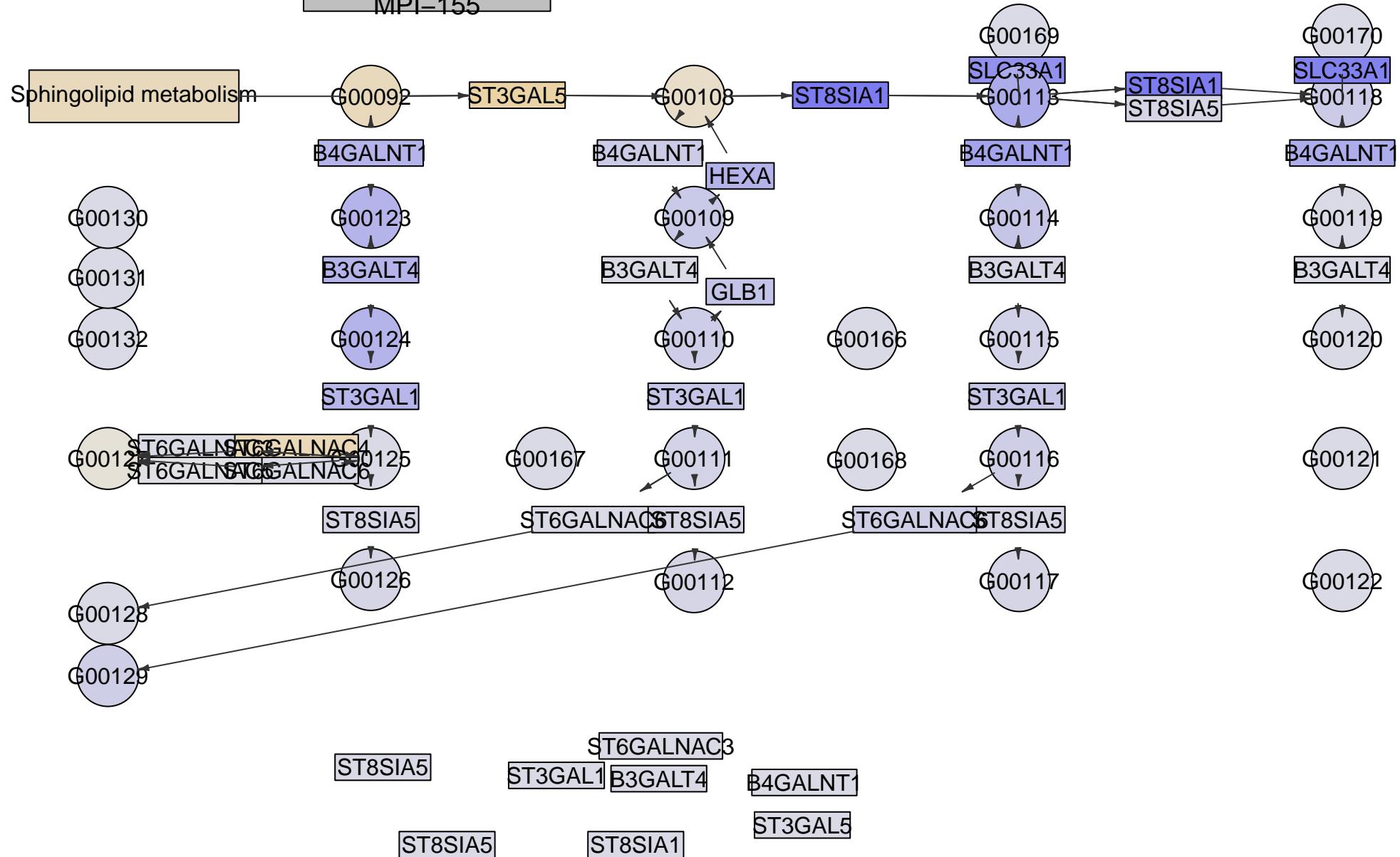
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-153



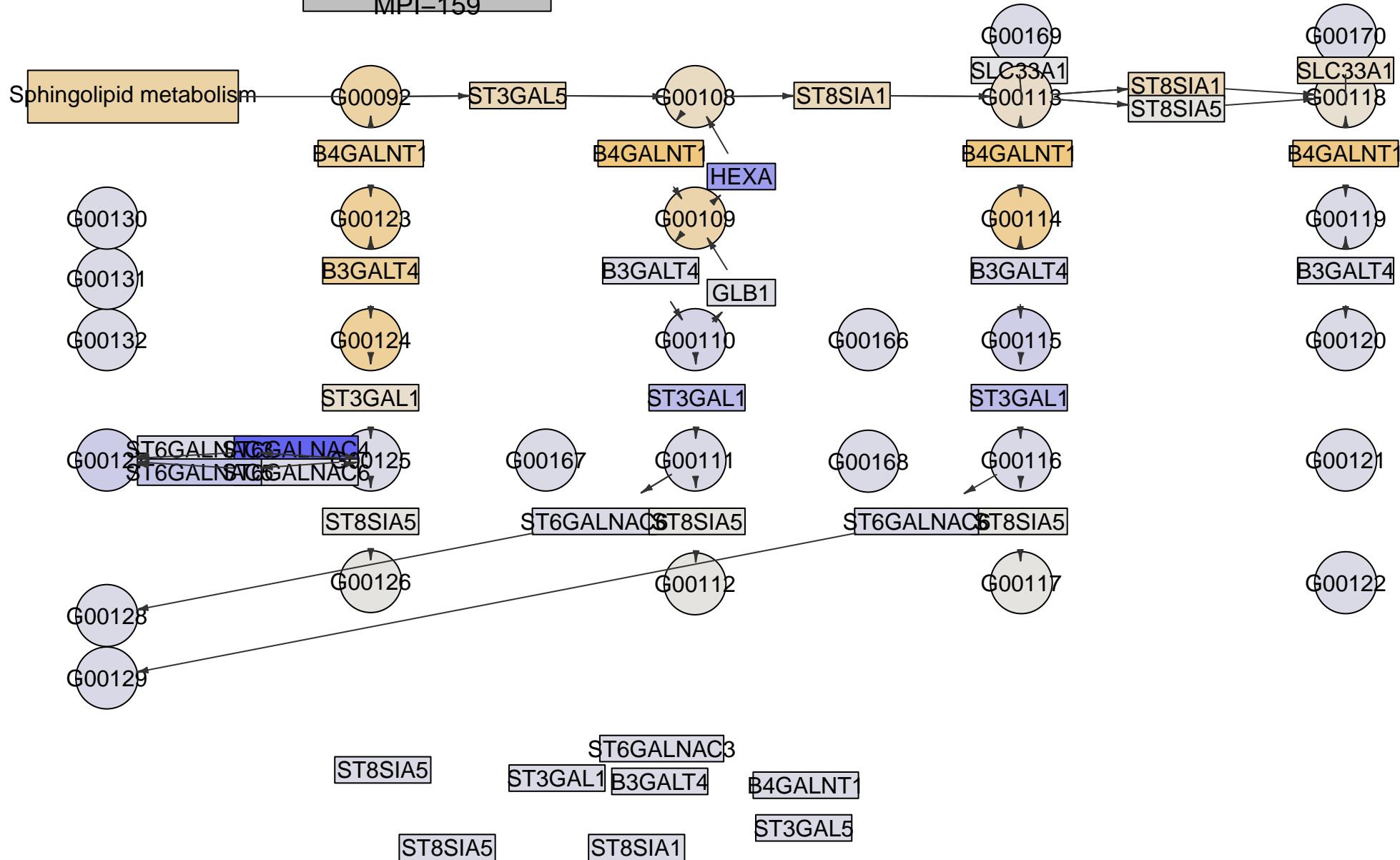
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-154



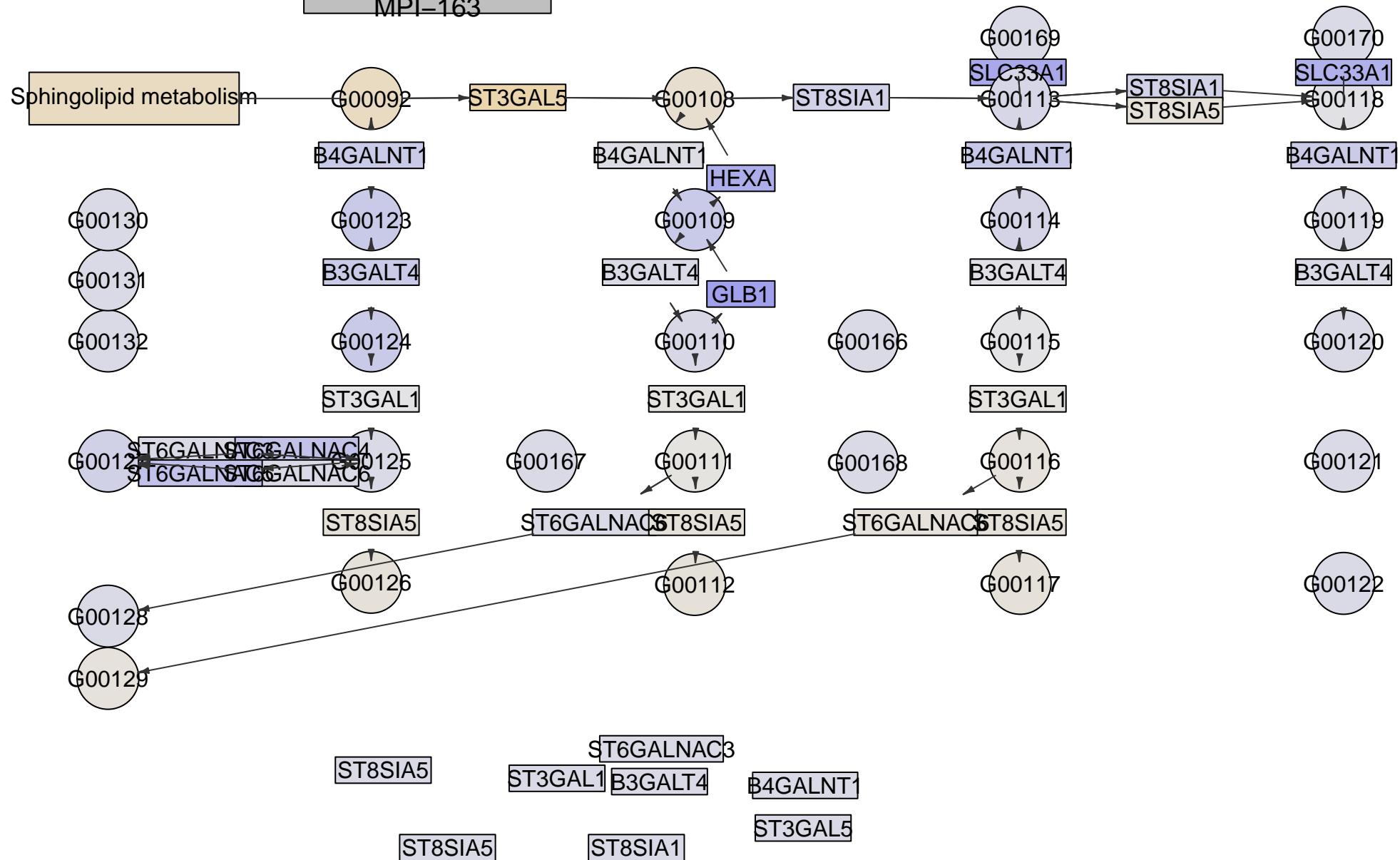
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-155



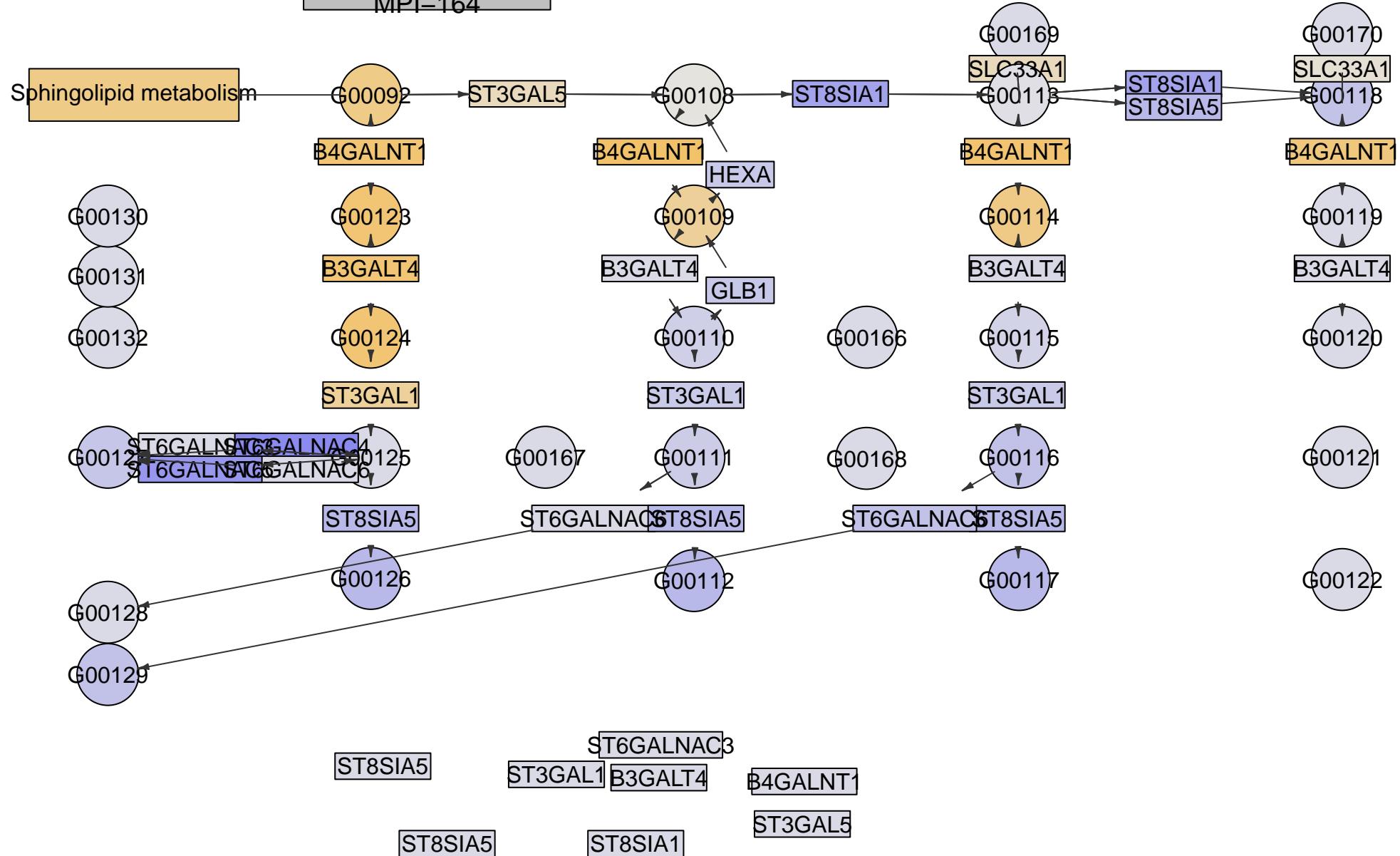
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-159



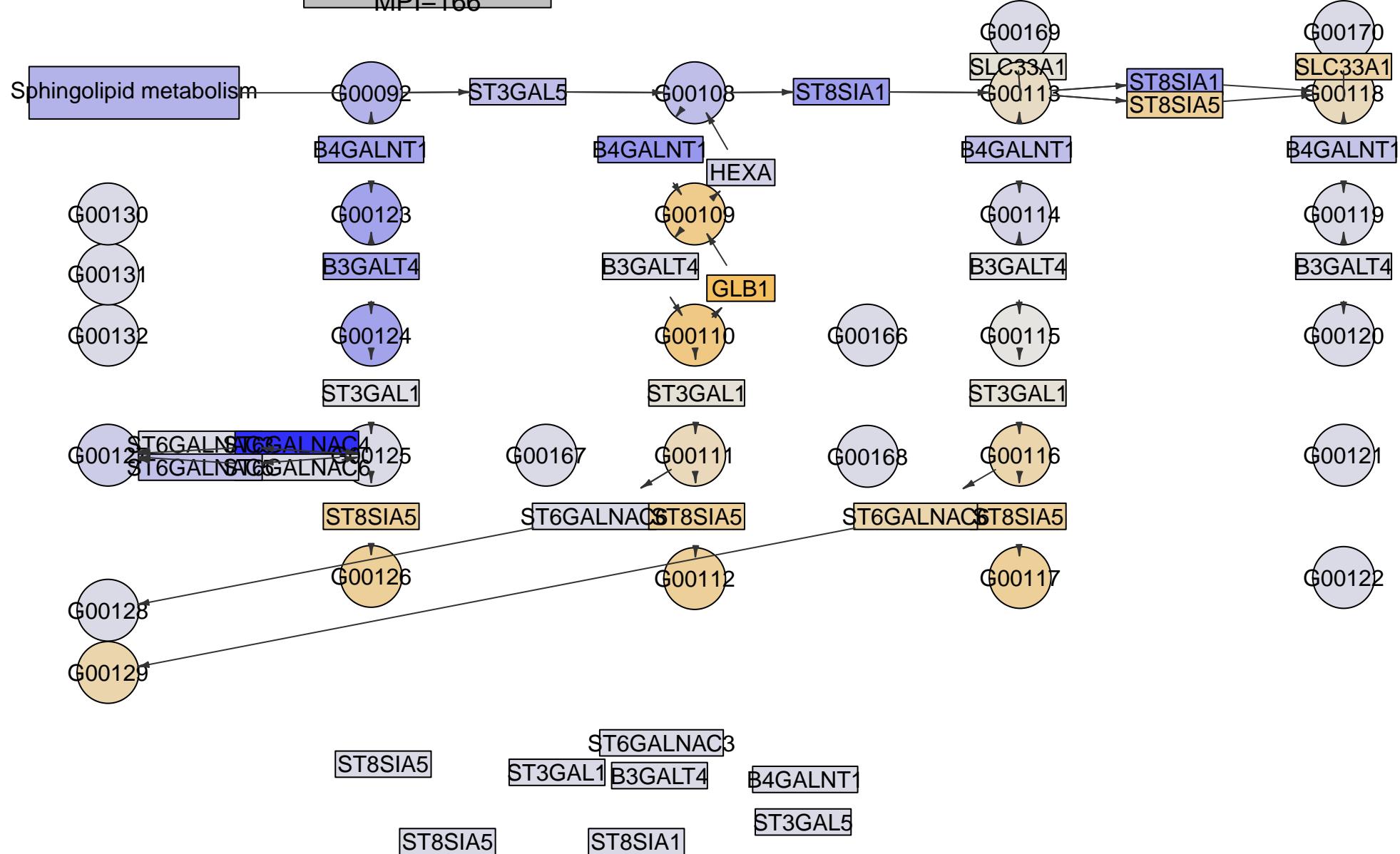
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-163



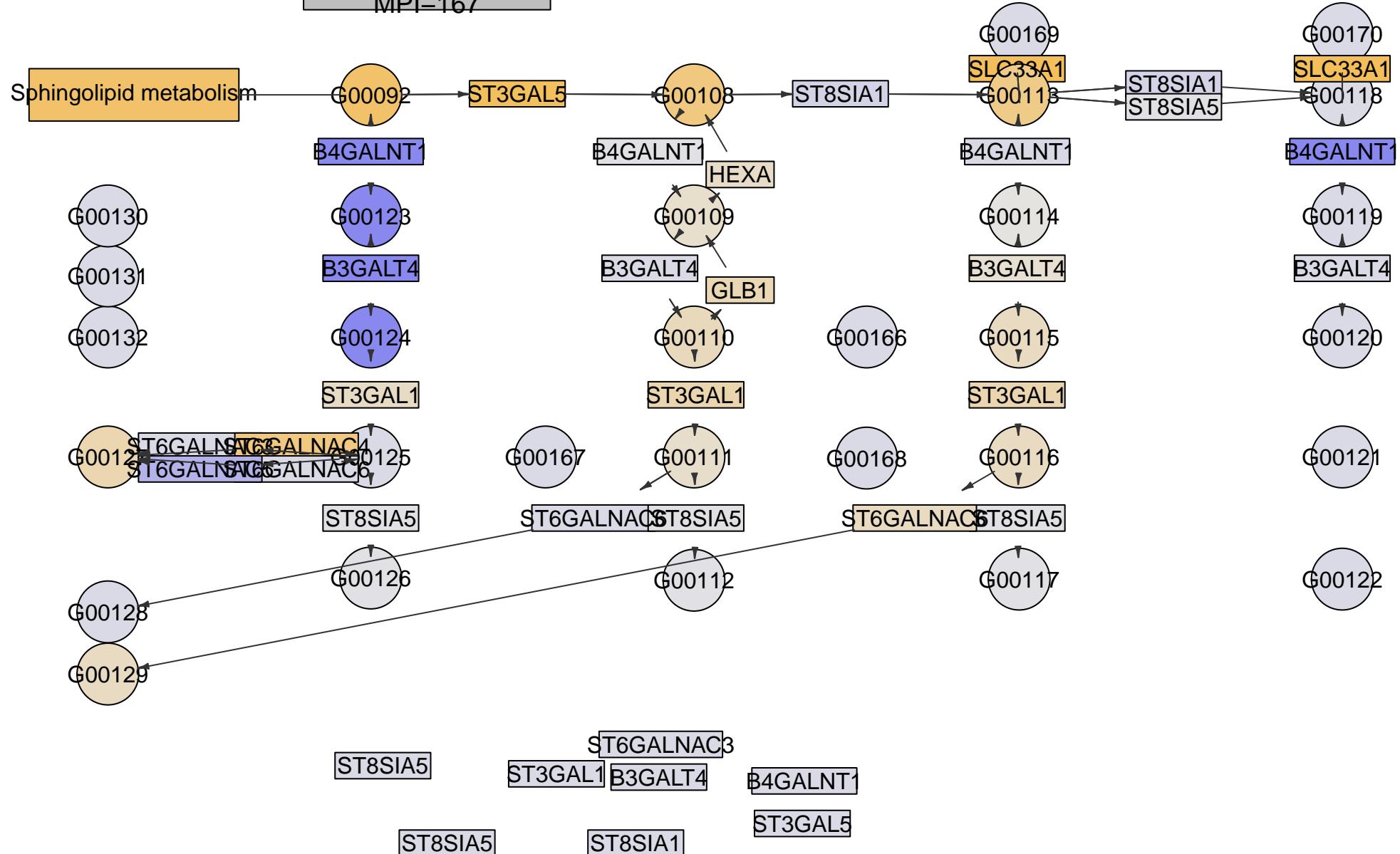
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-164



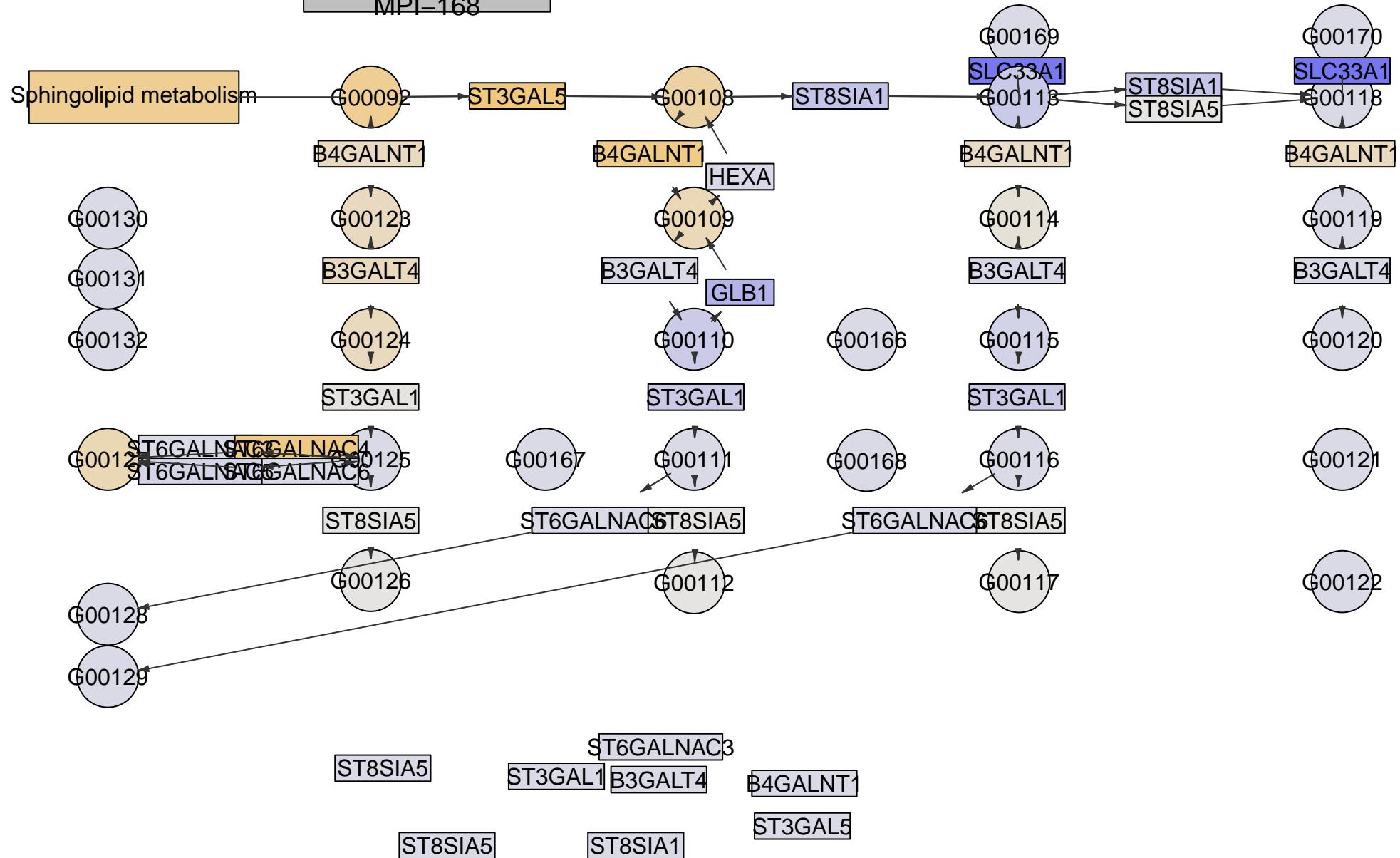
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-166



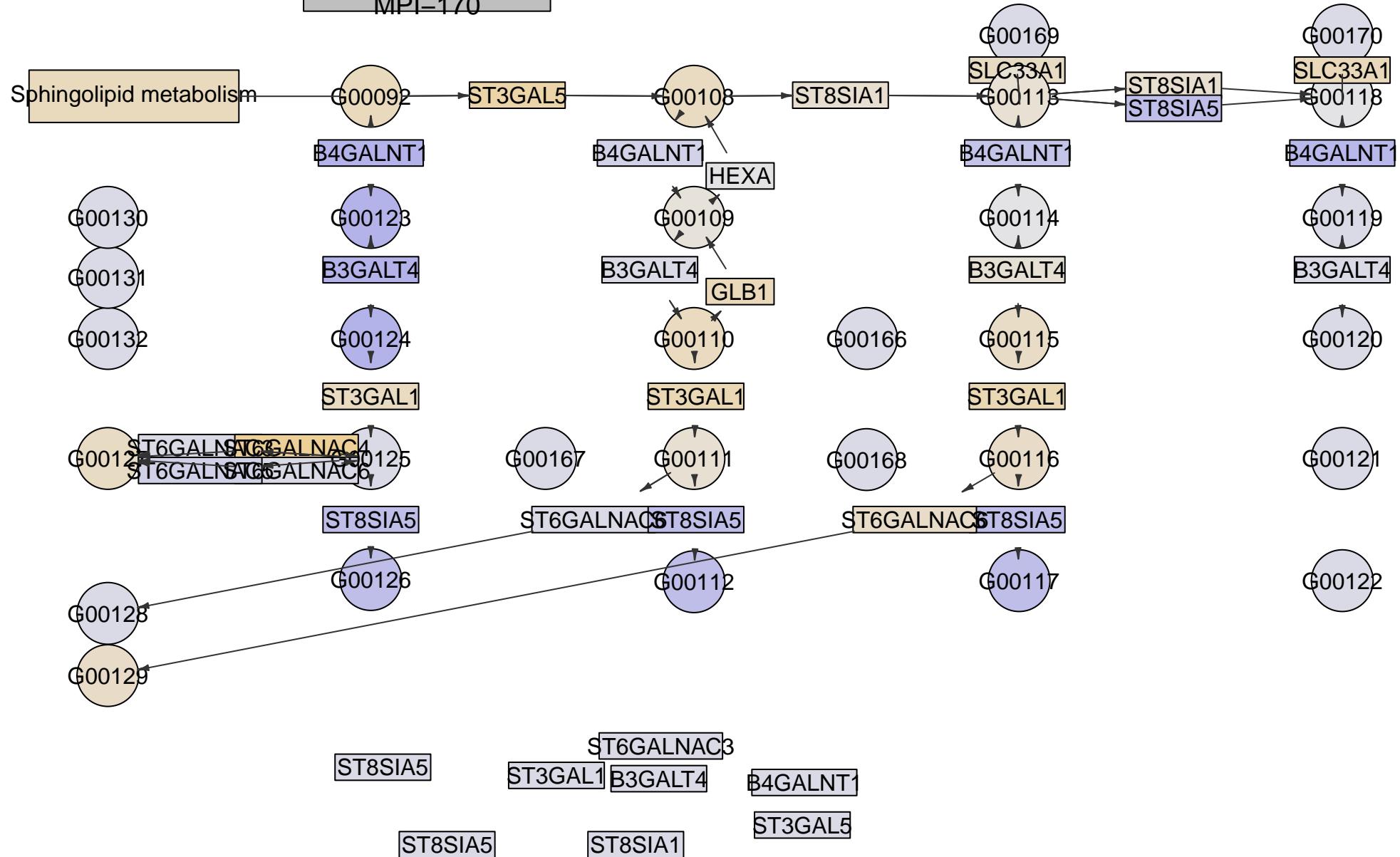
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-167



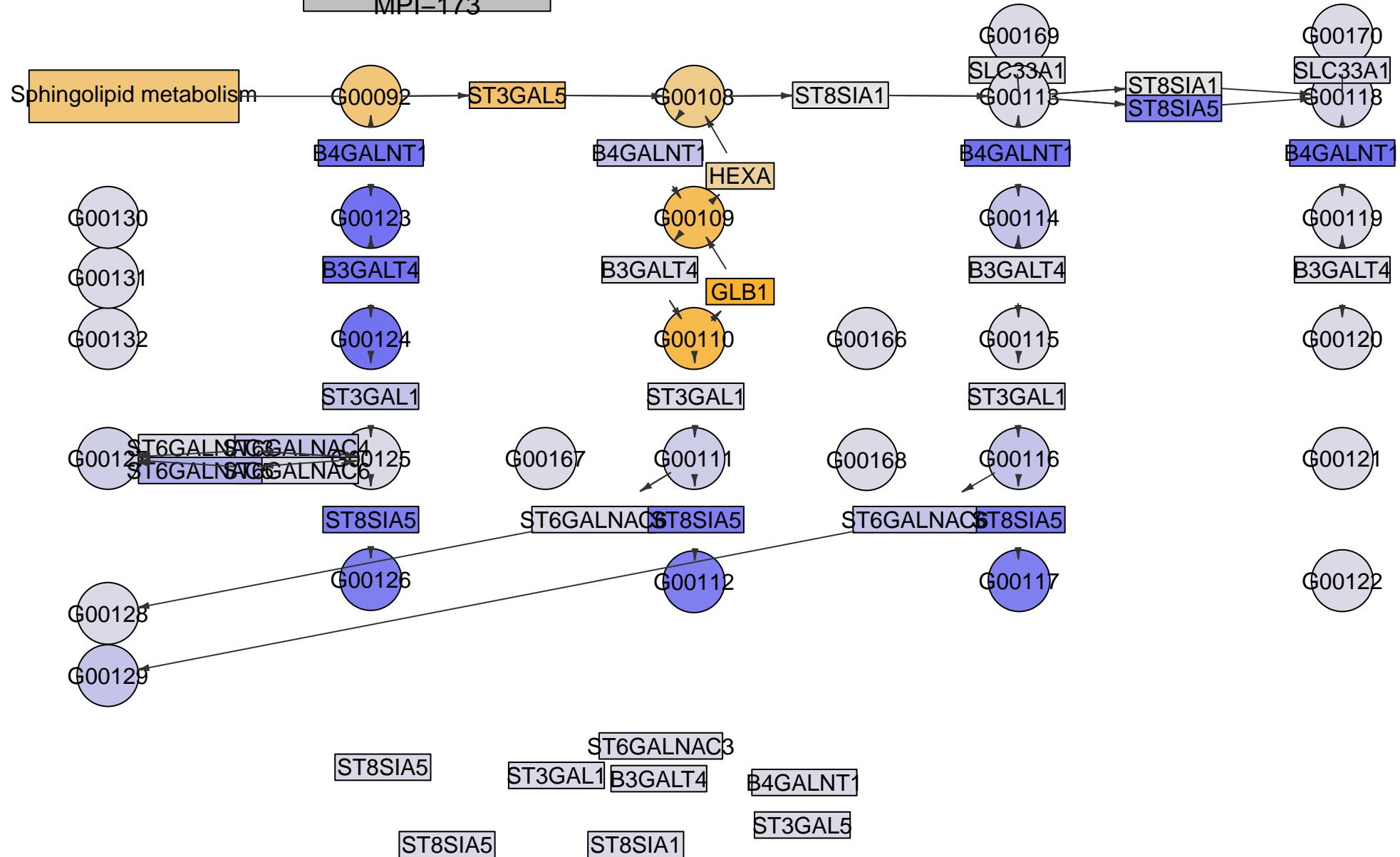
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-168



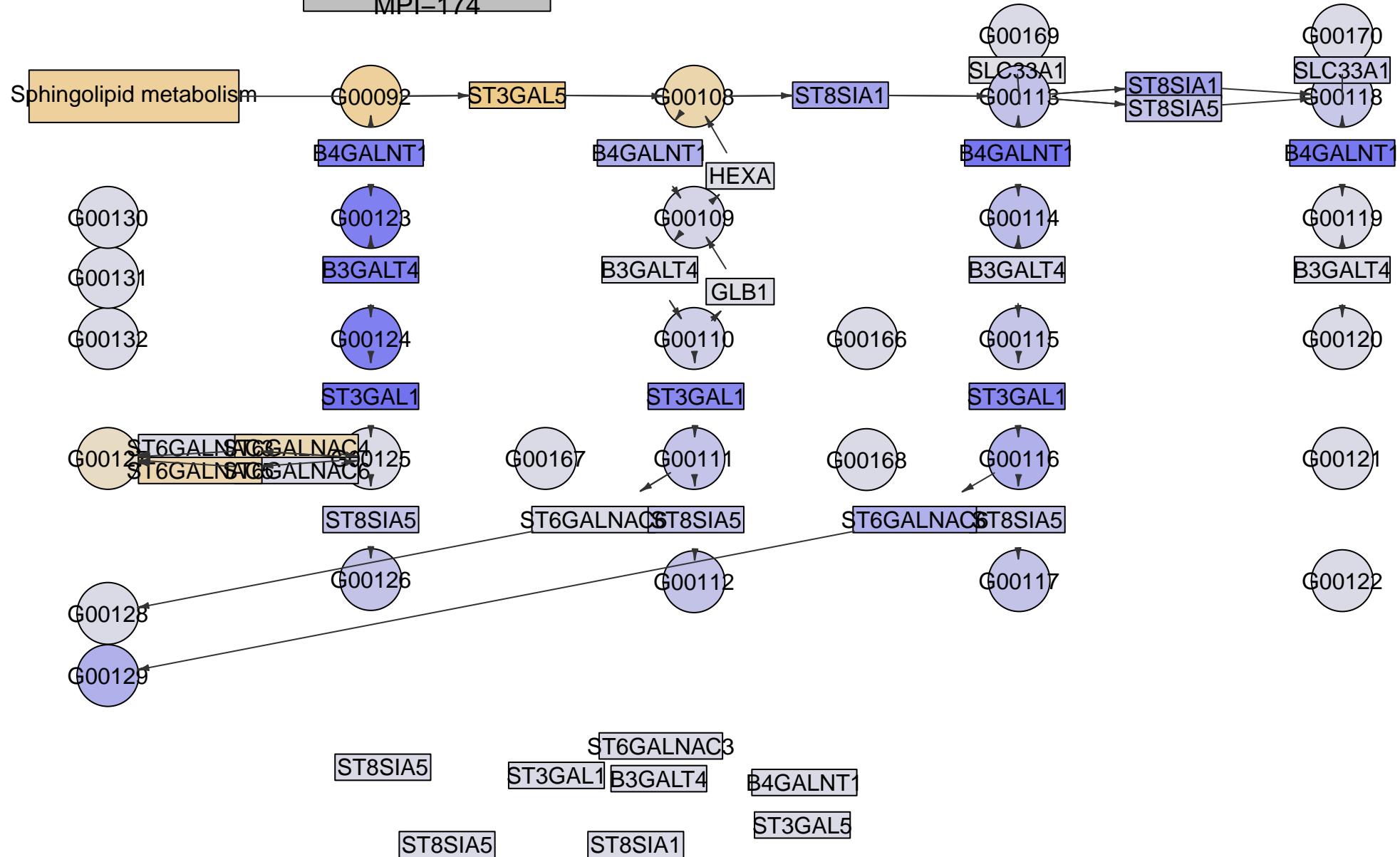
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-170



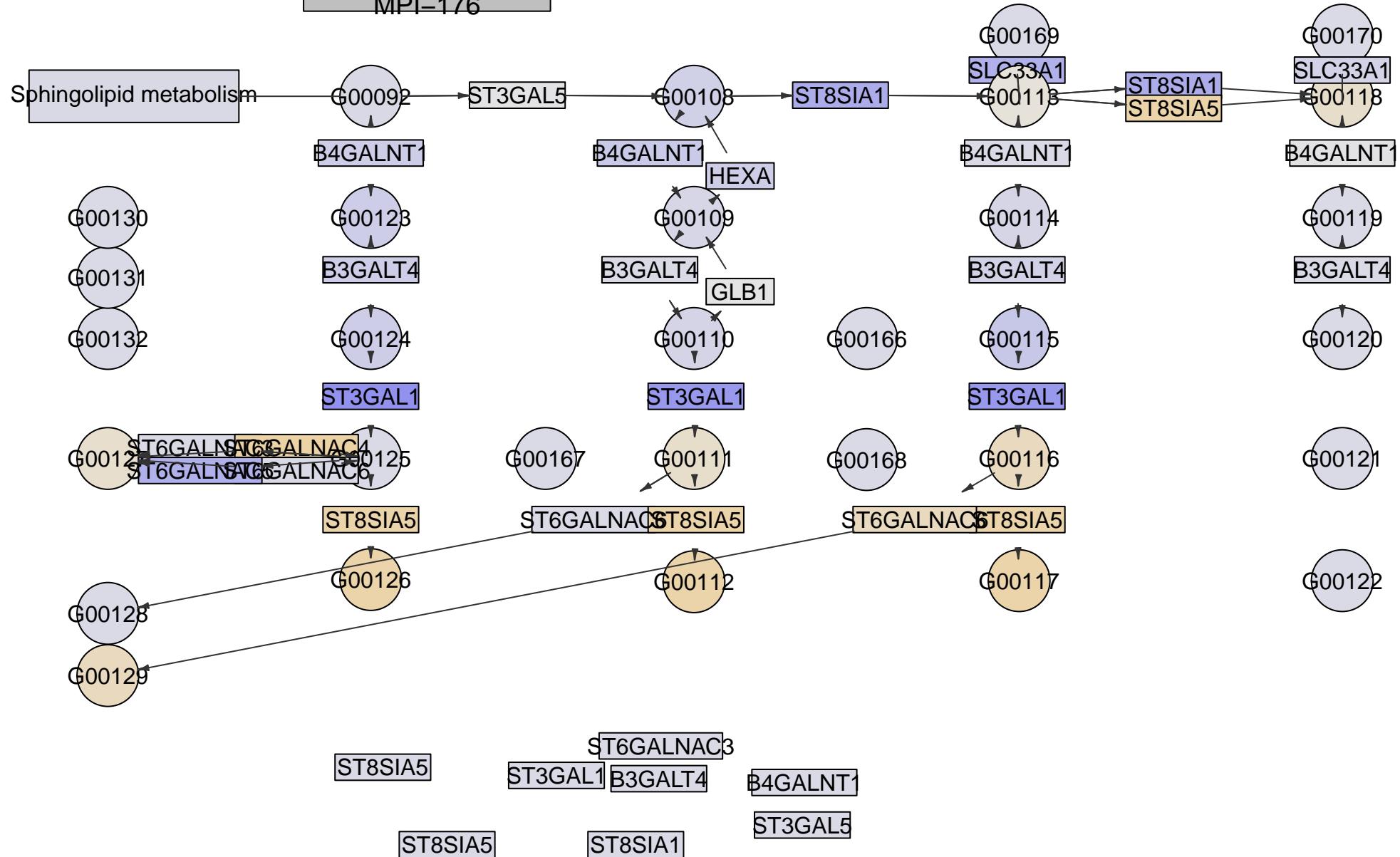
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-173



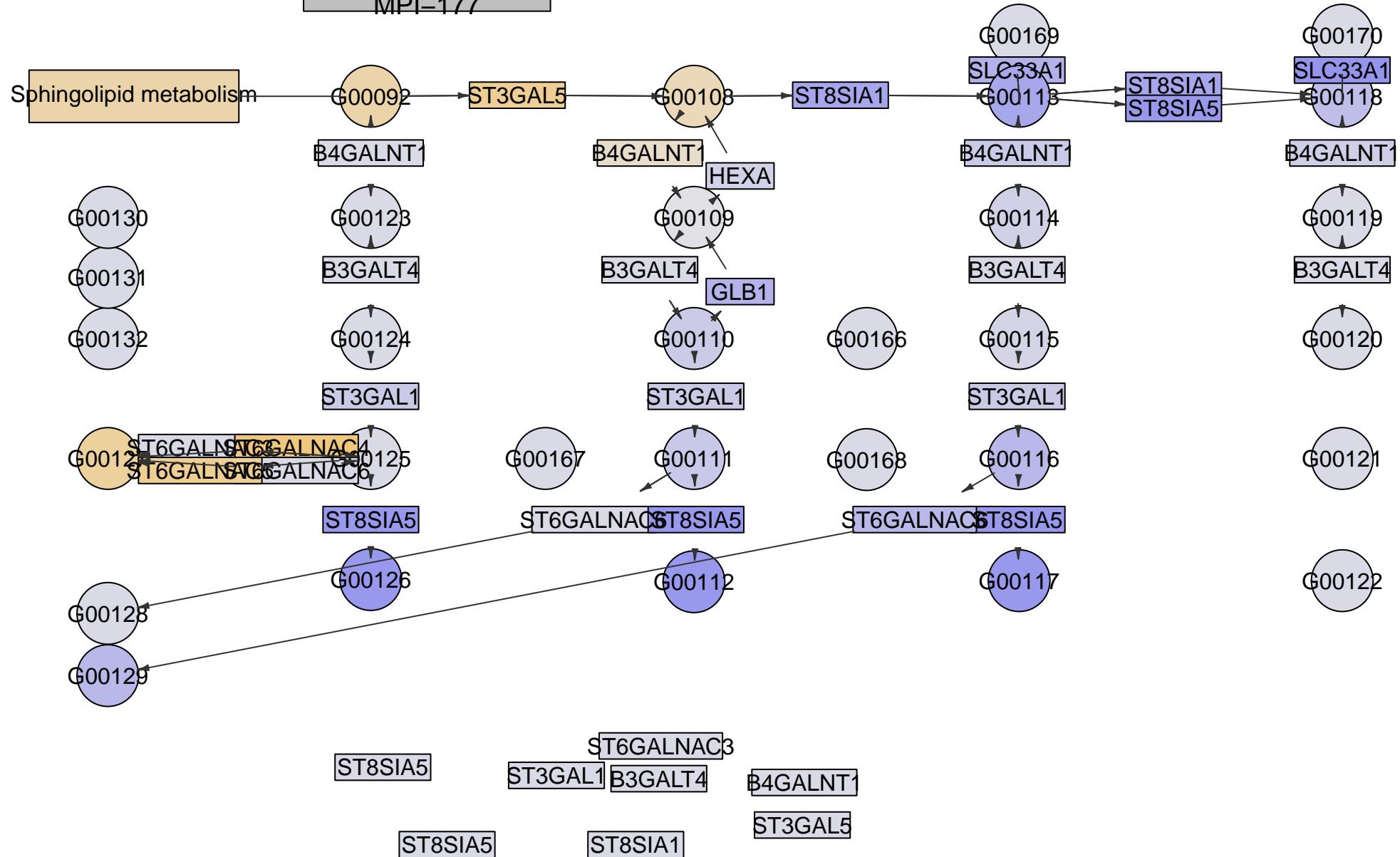
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-174



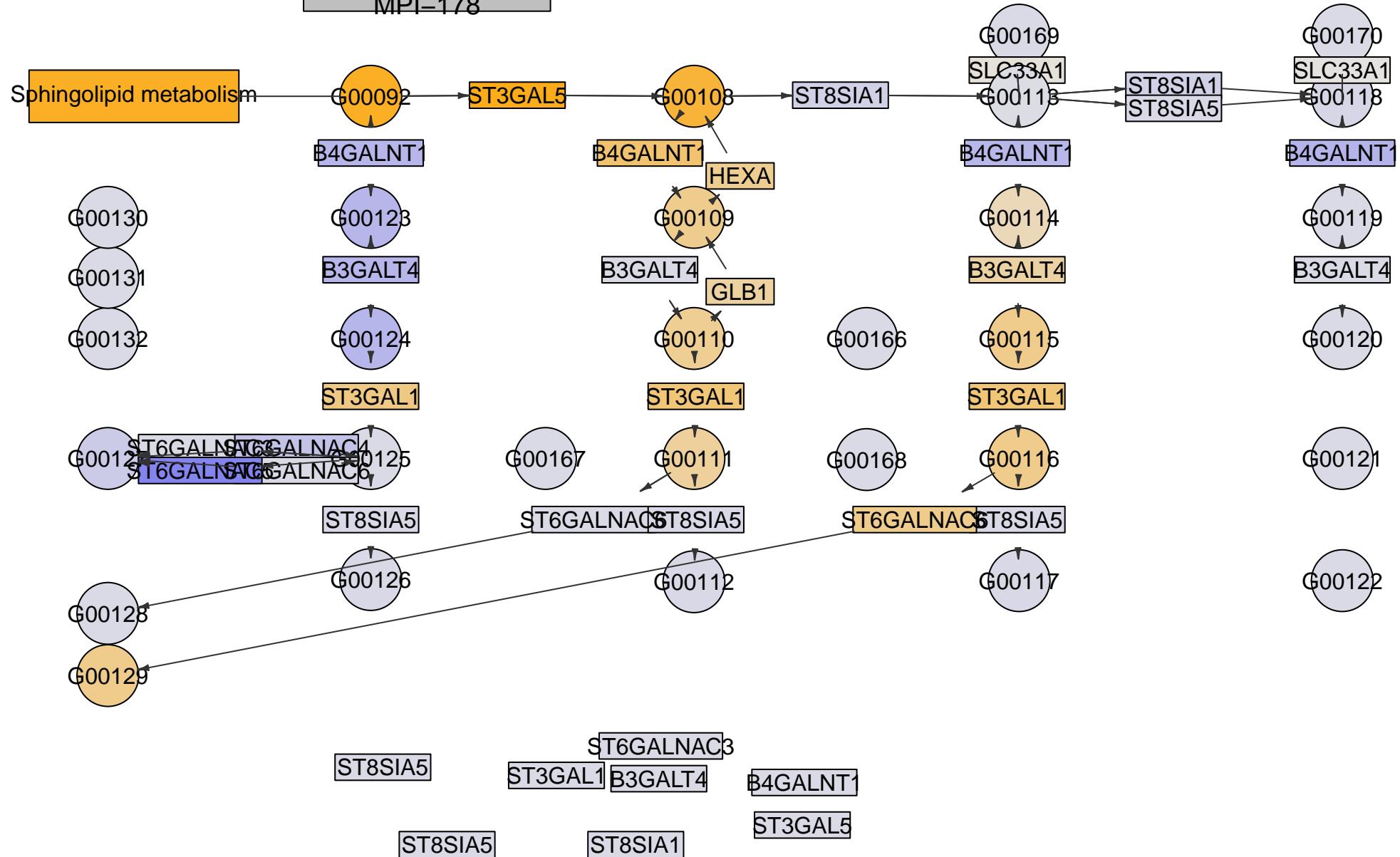
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-176



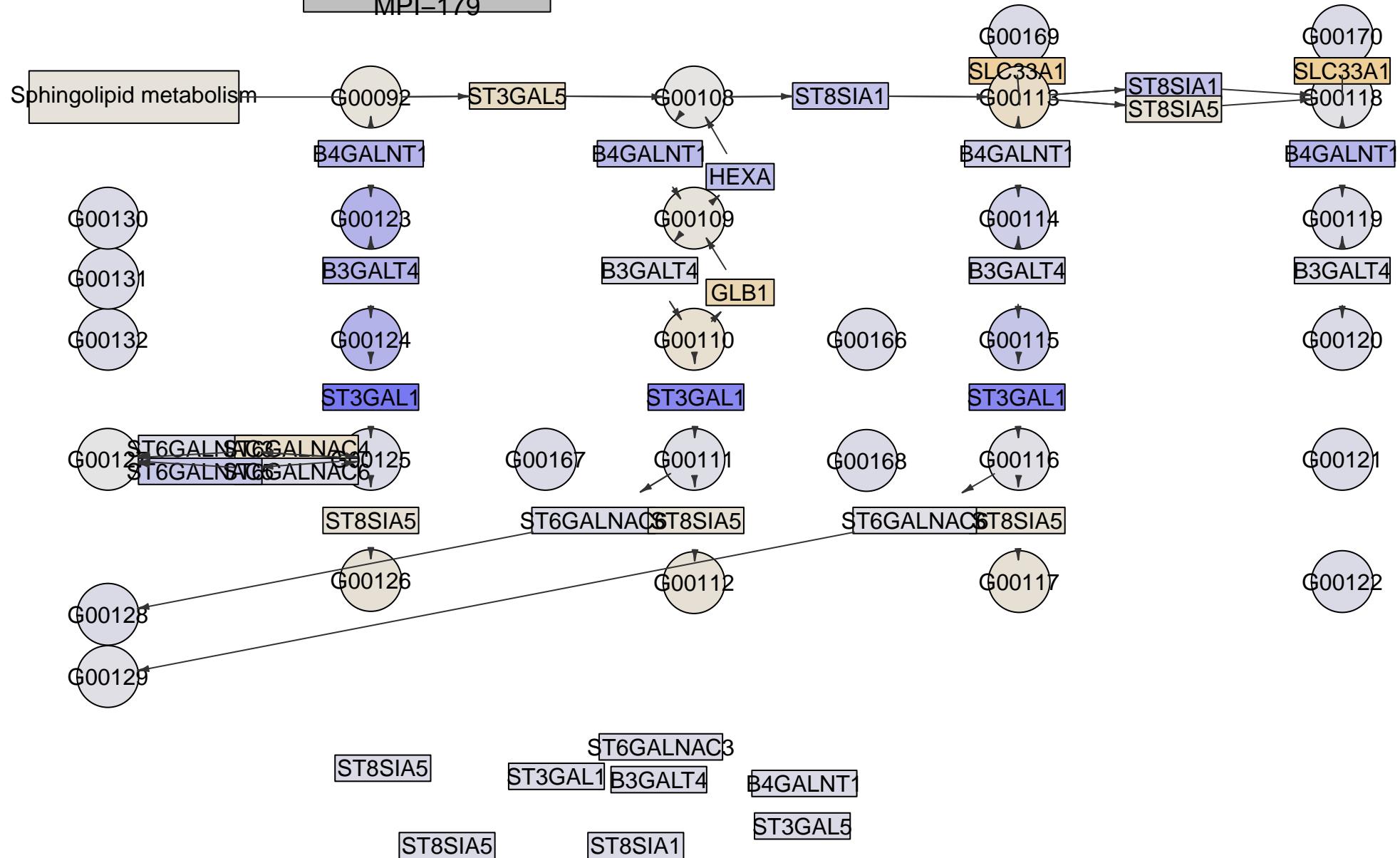
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-177



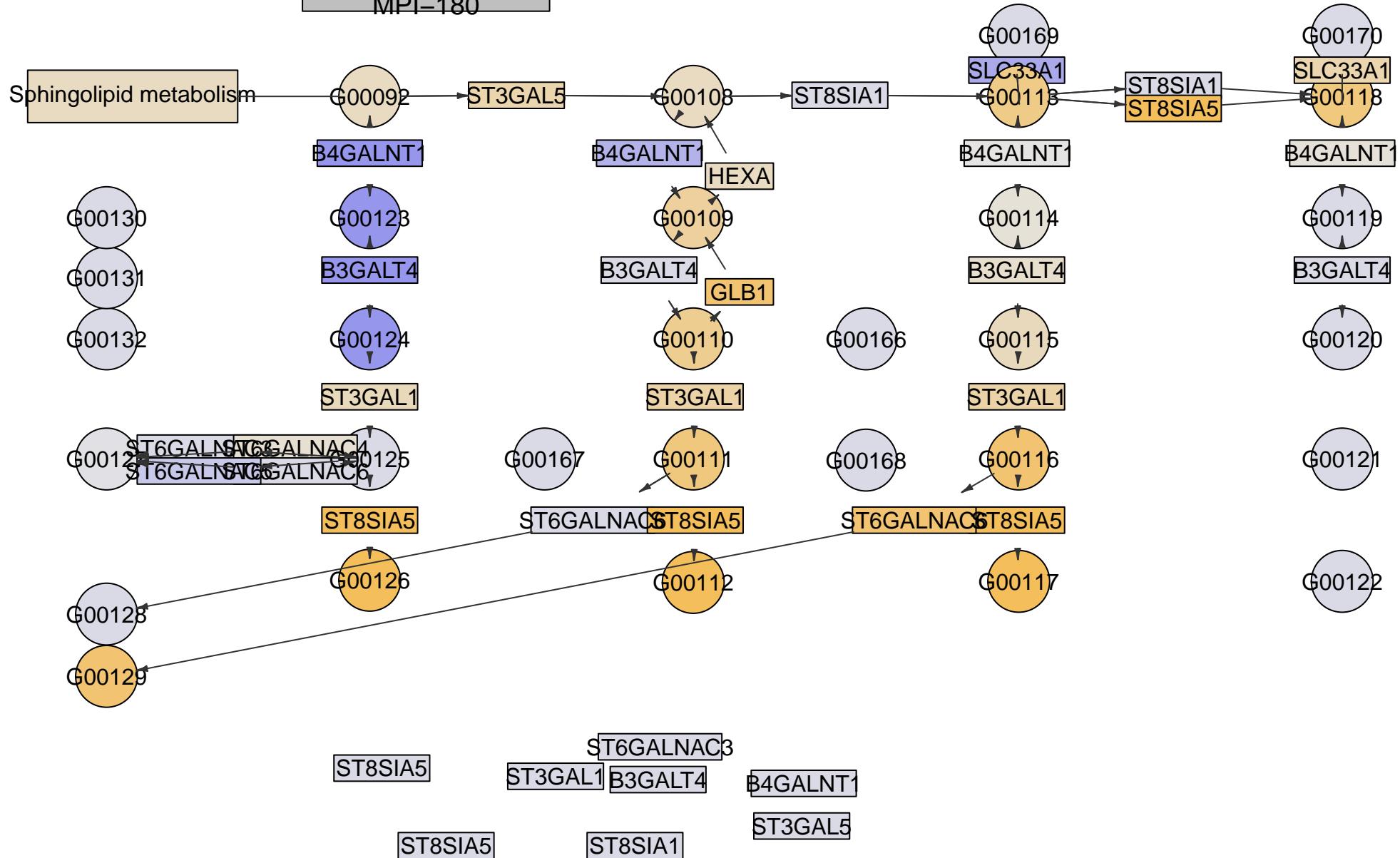
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-178



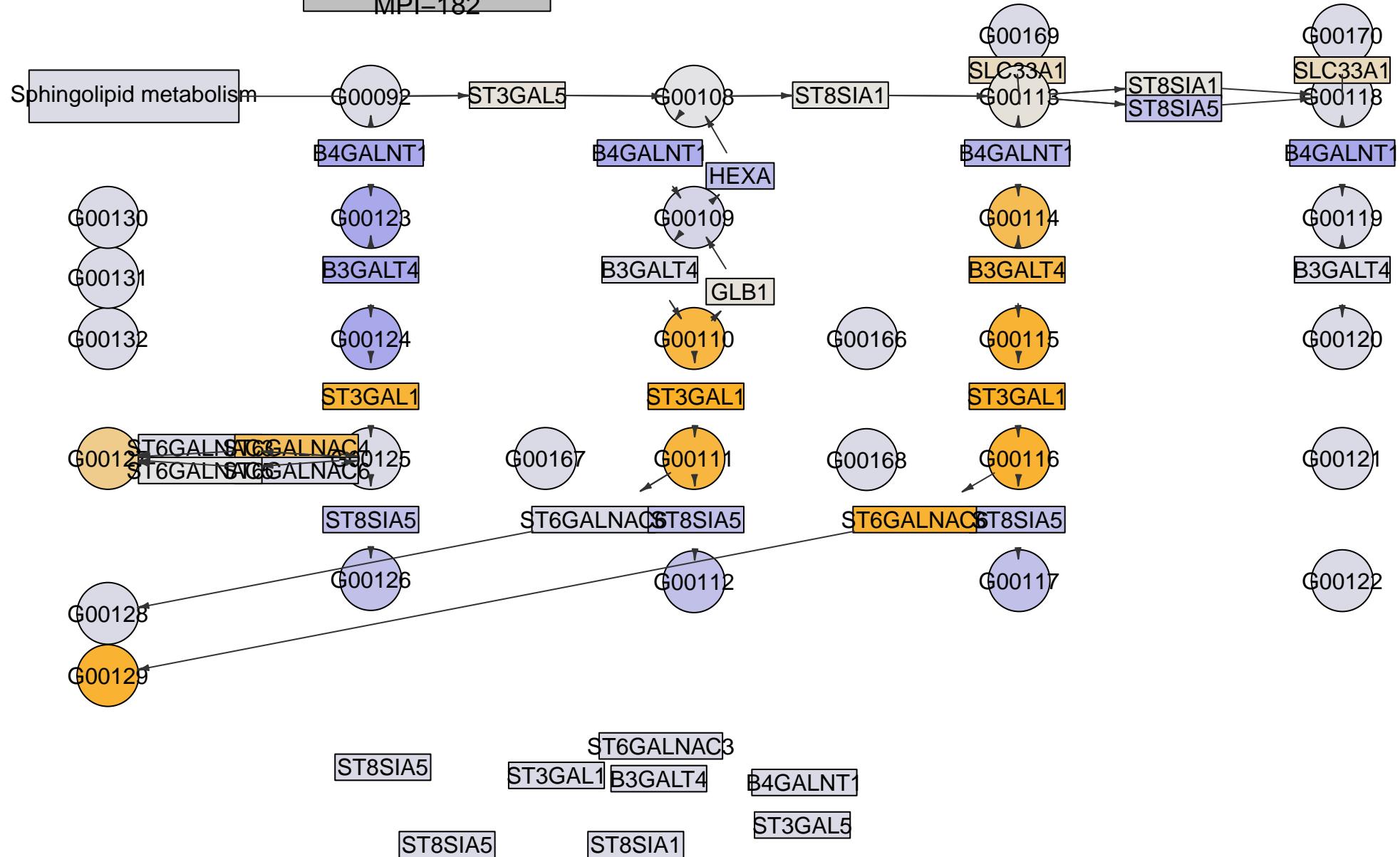
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-179



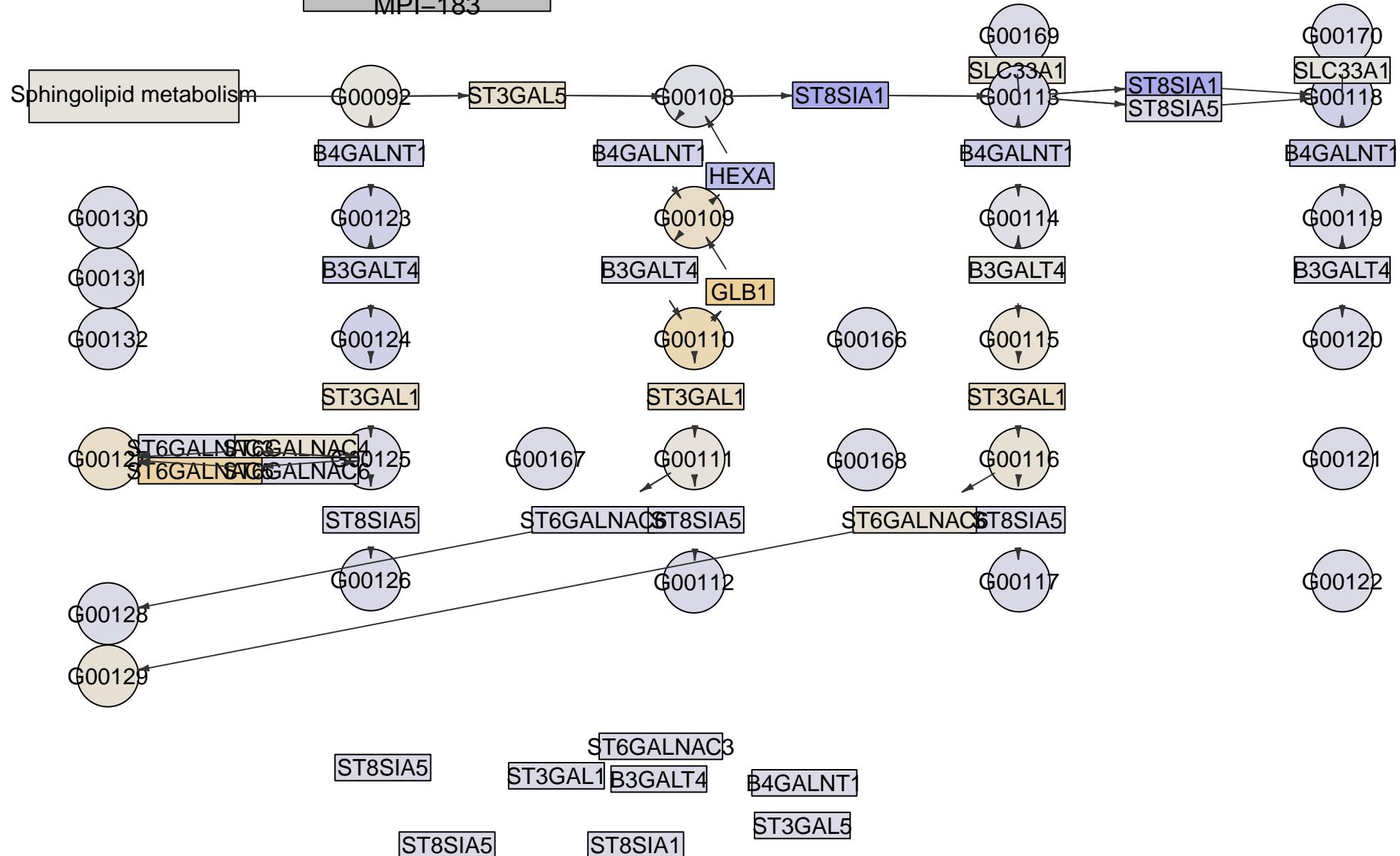
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-180



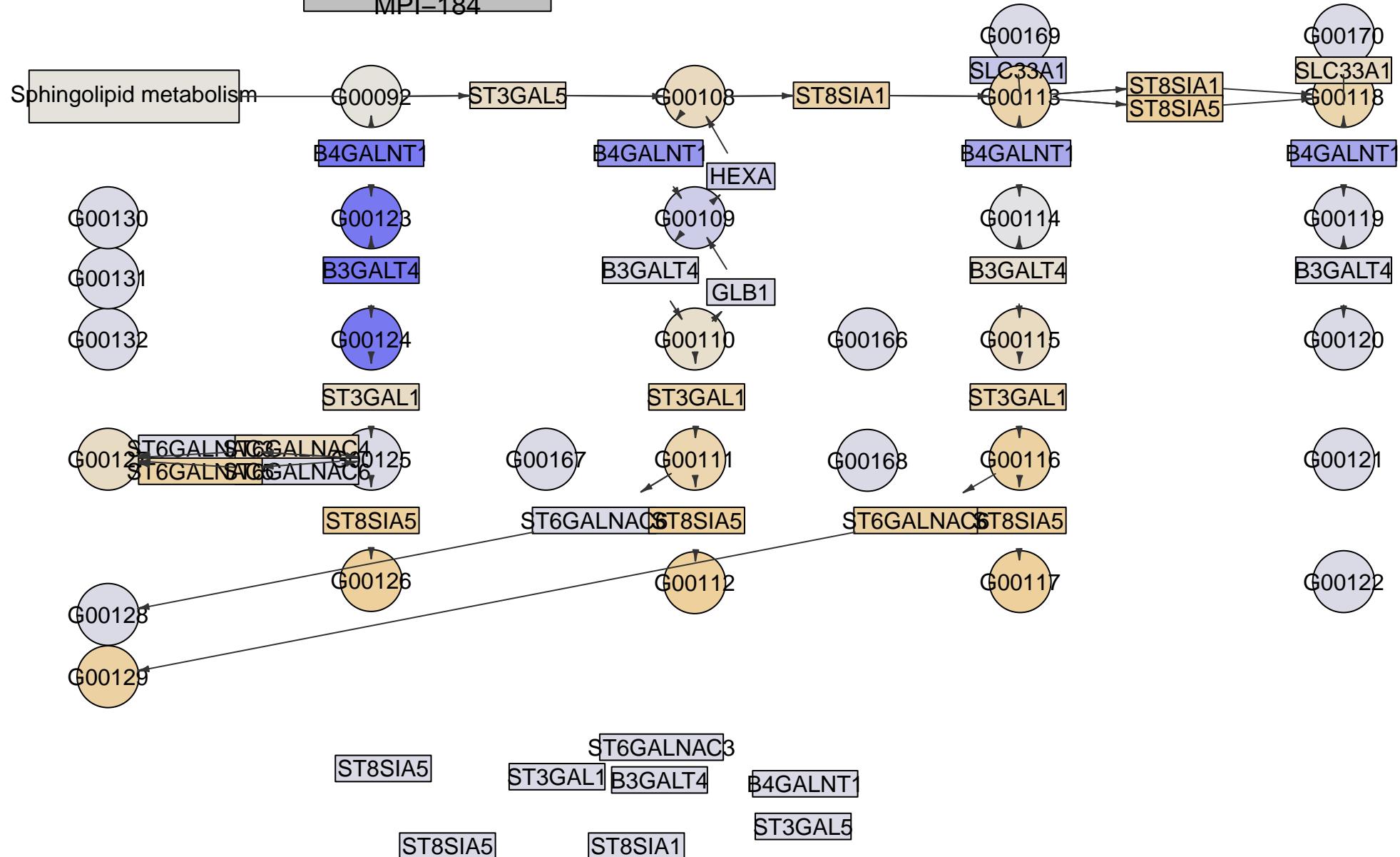
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-182



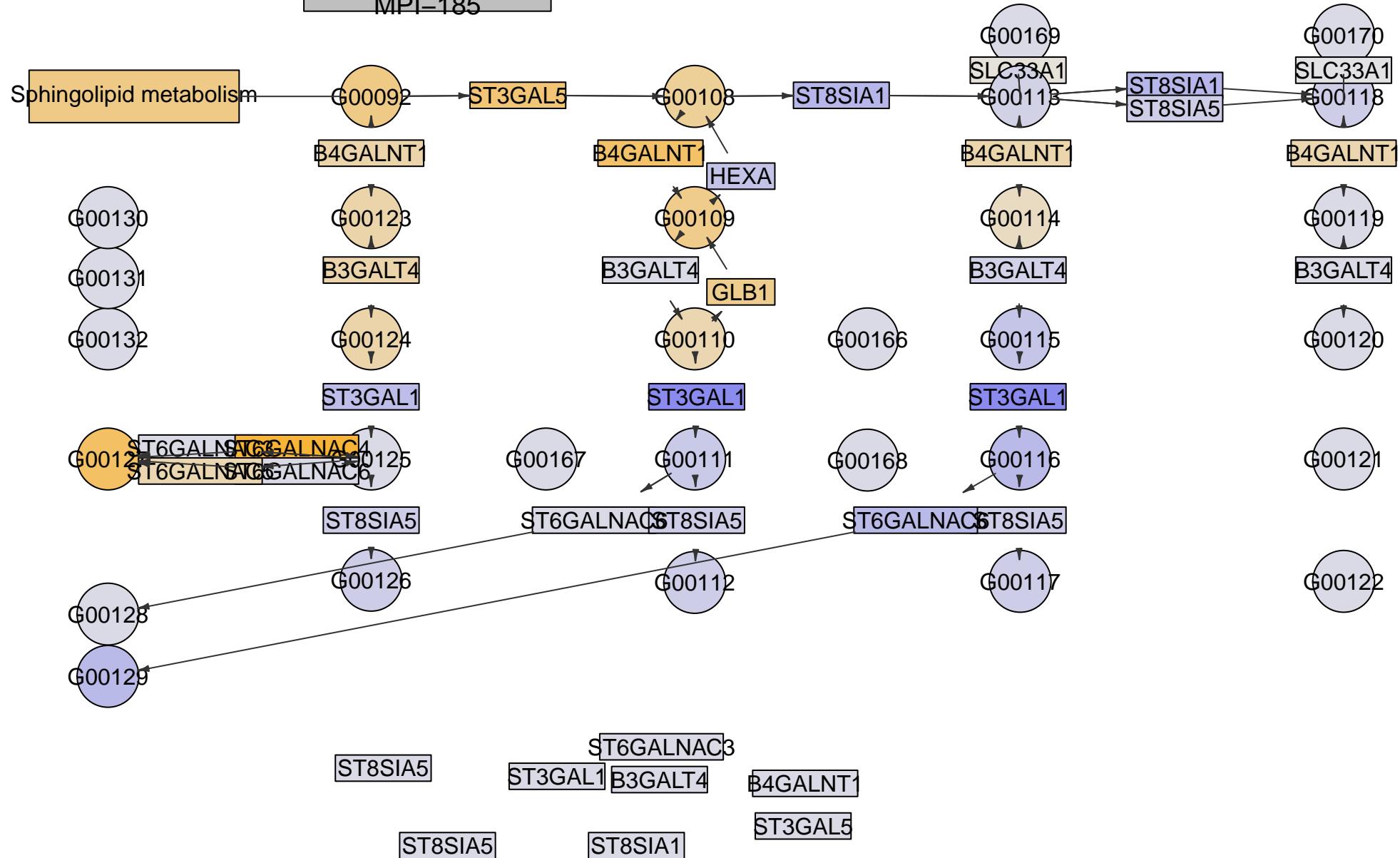
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-183



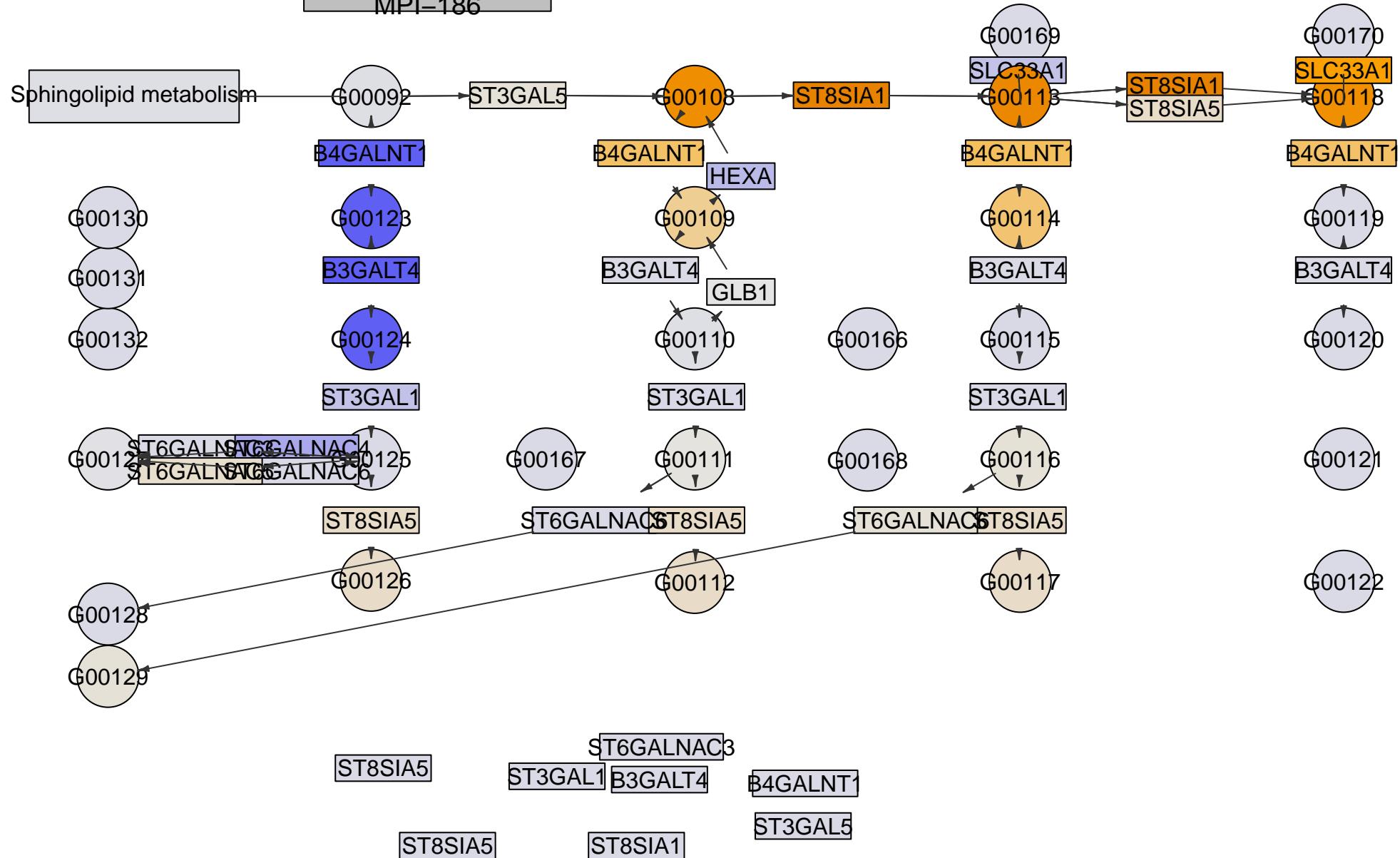
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-184



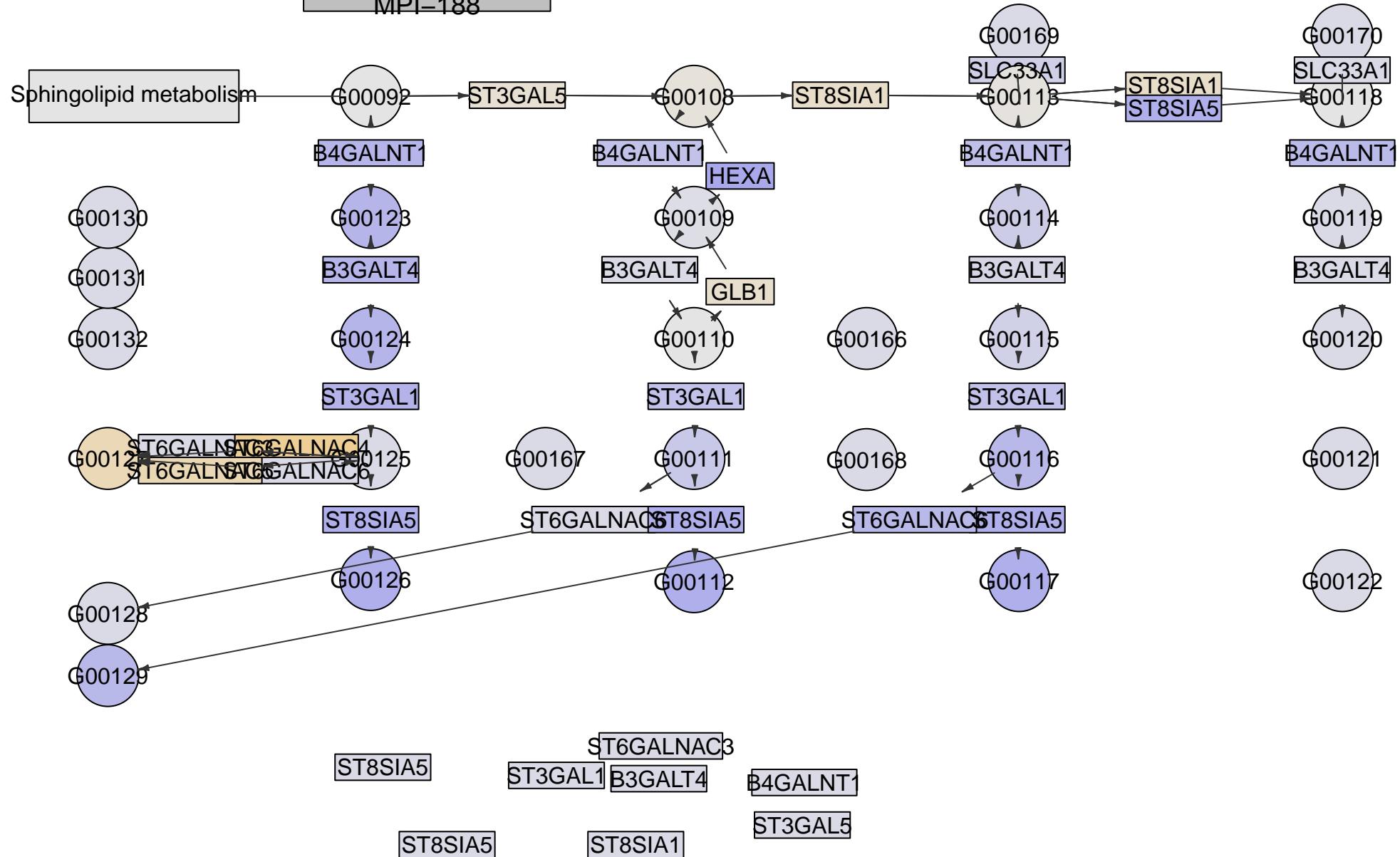
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-185



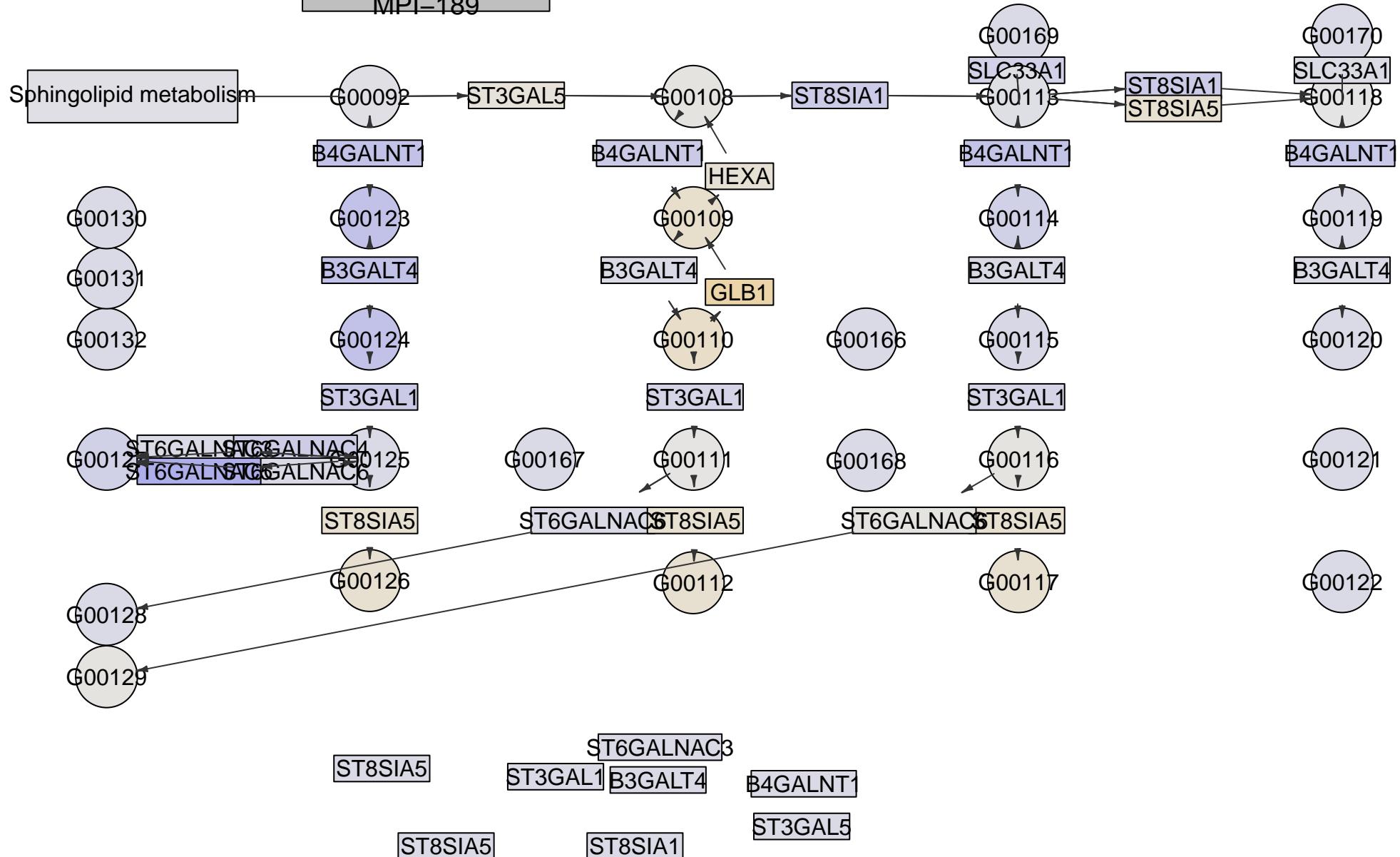
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-186



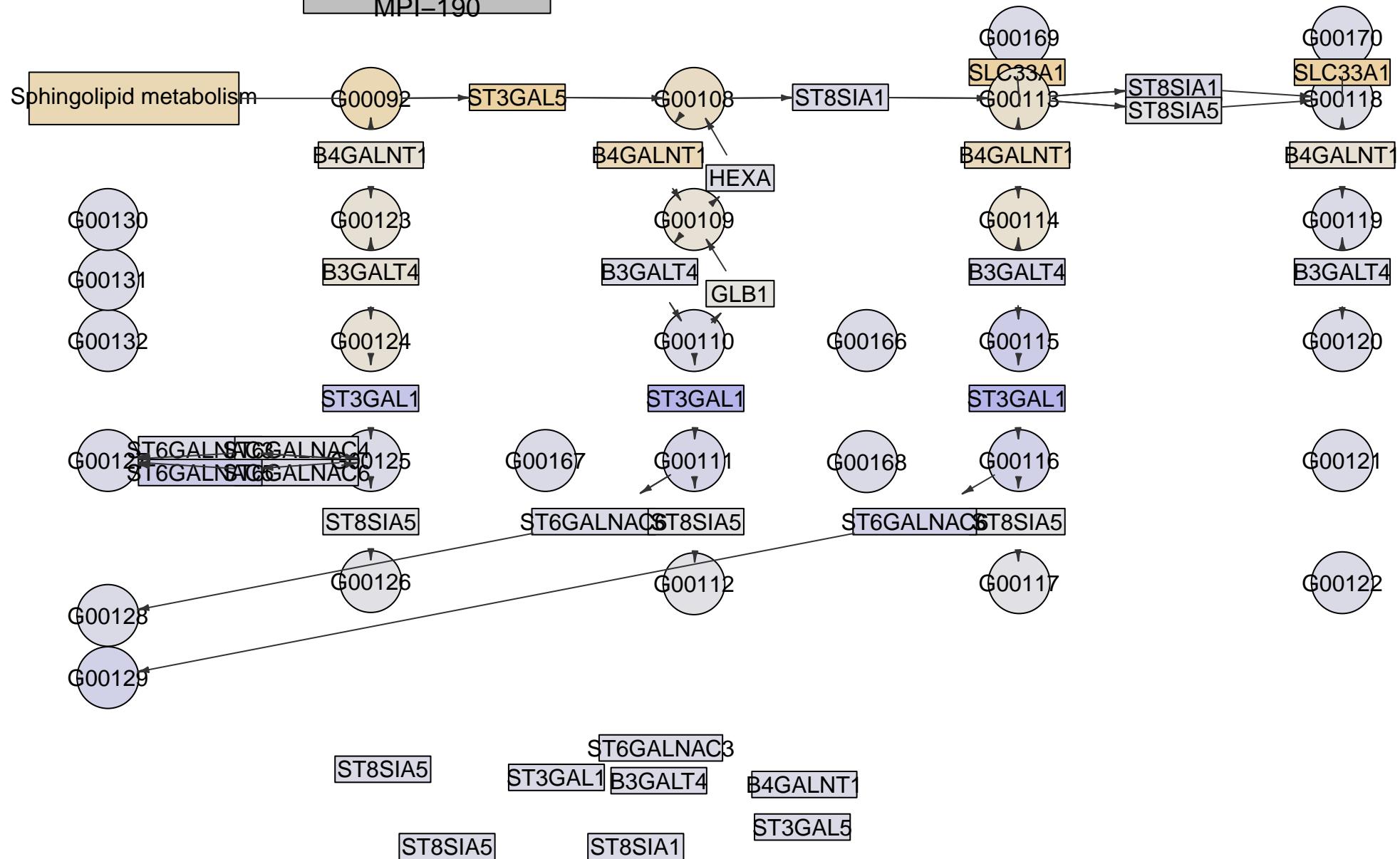
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-188



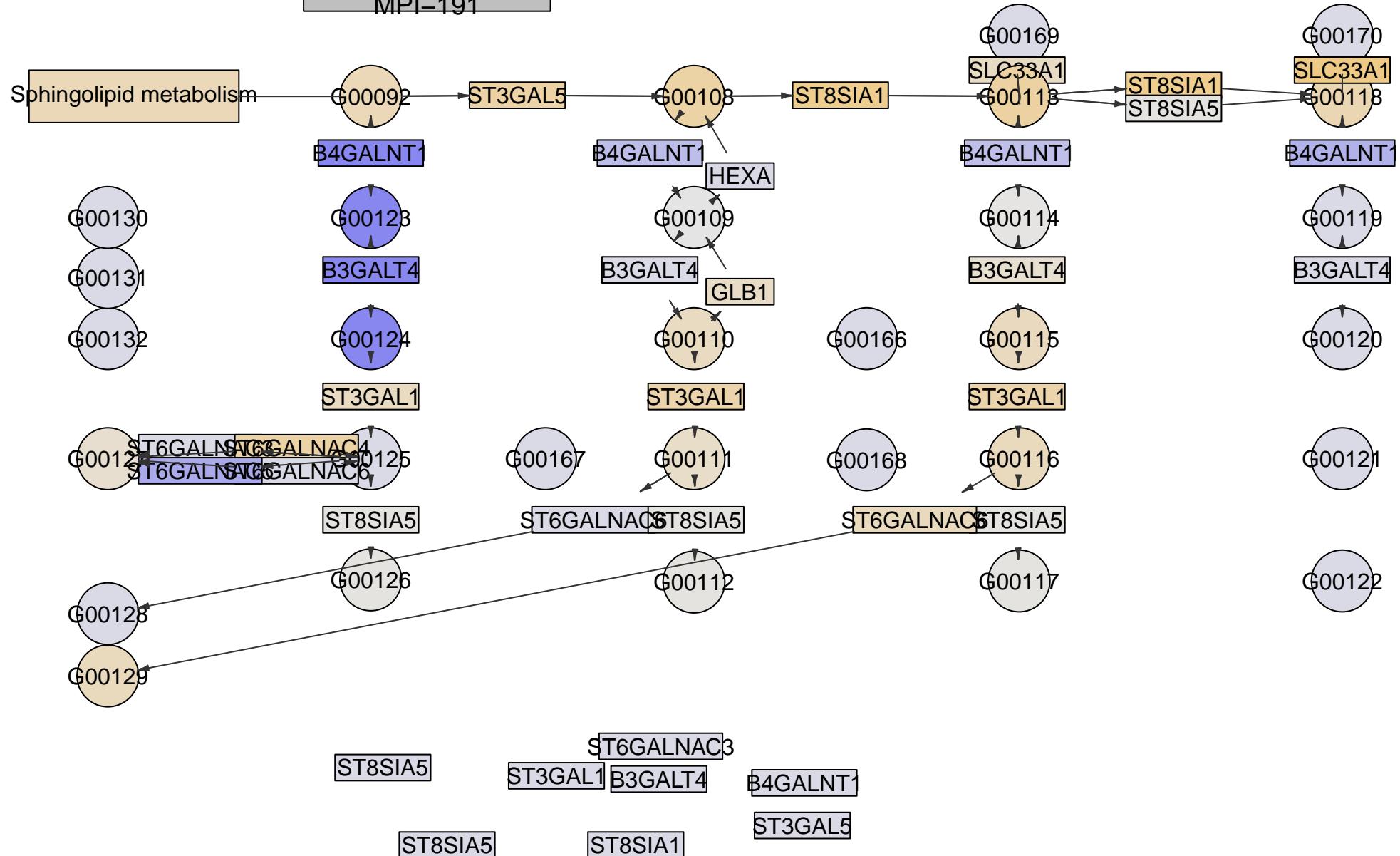
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-189



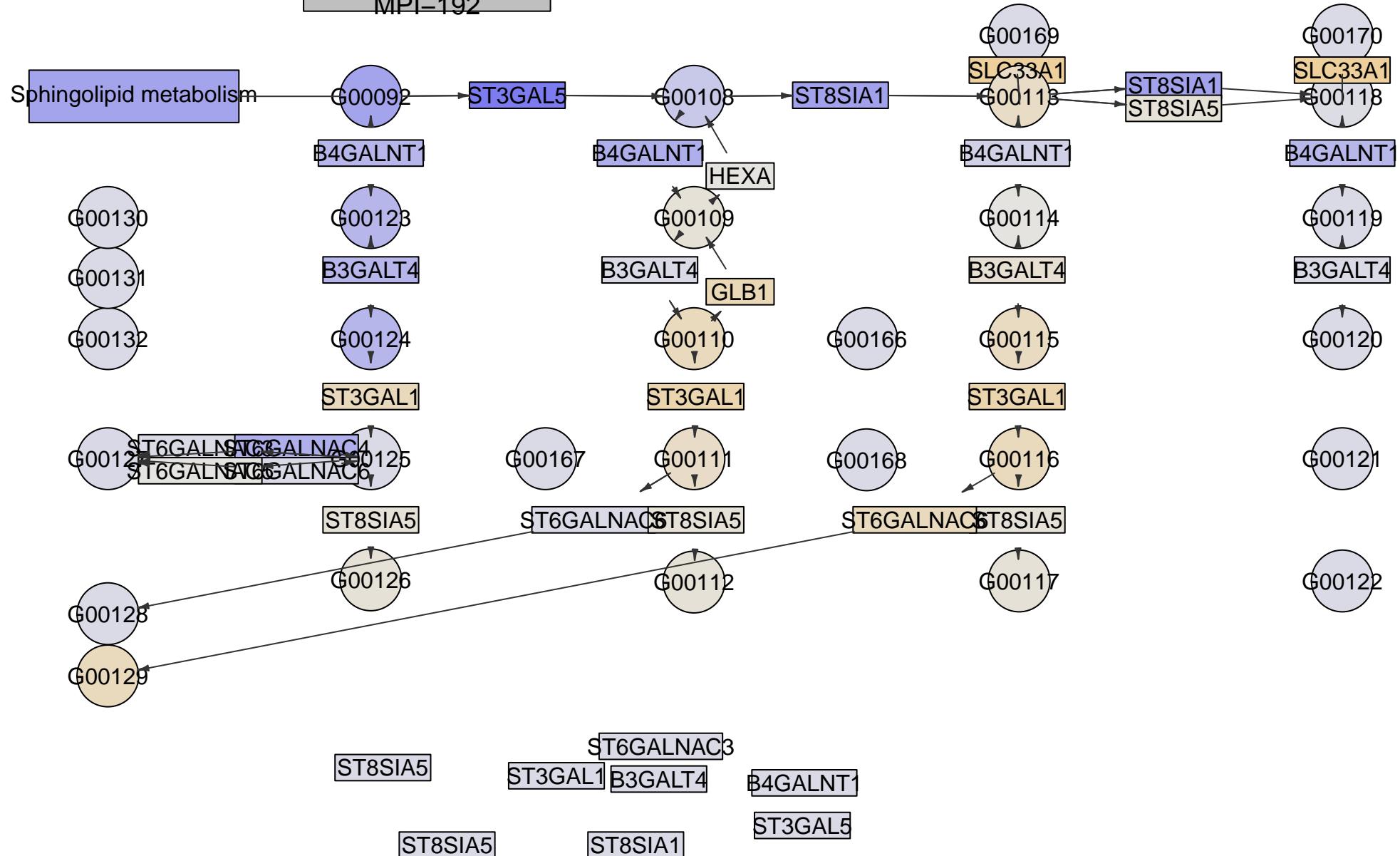
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-190



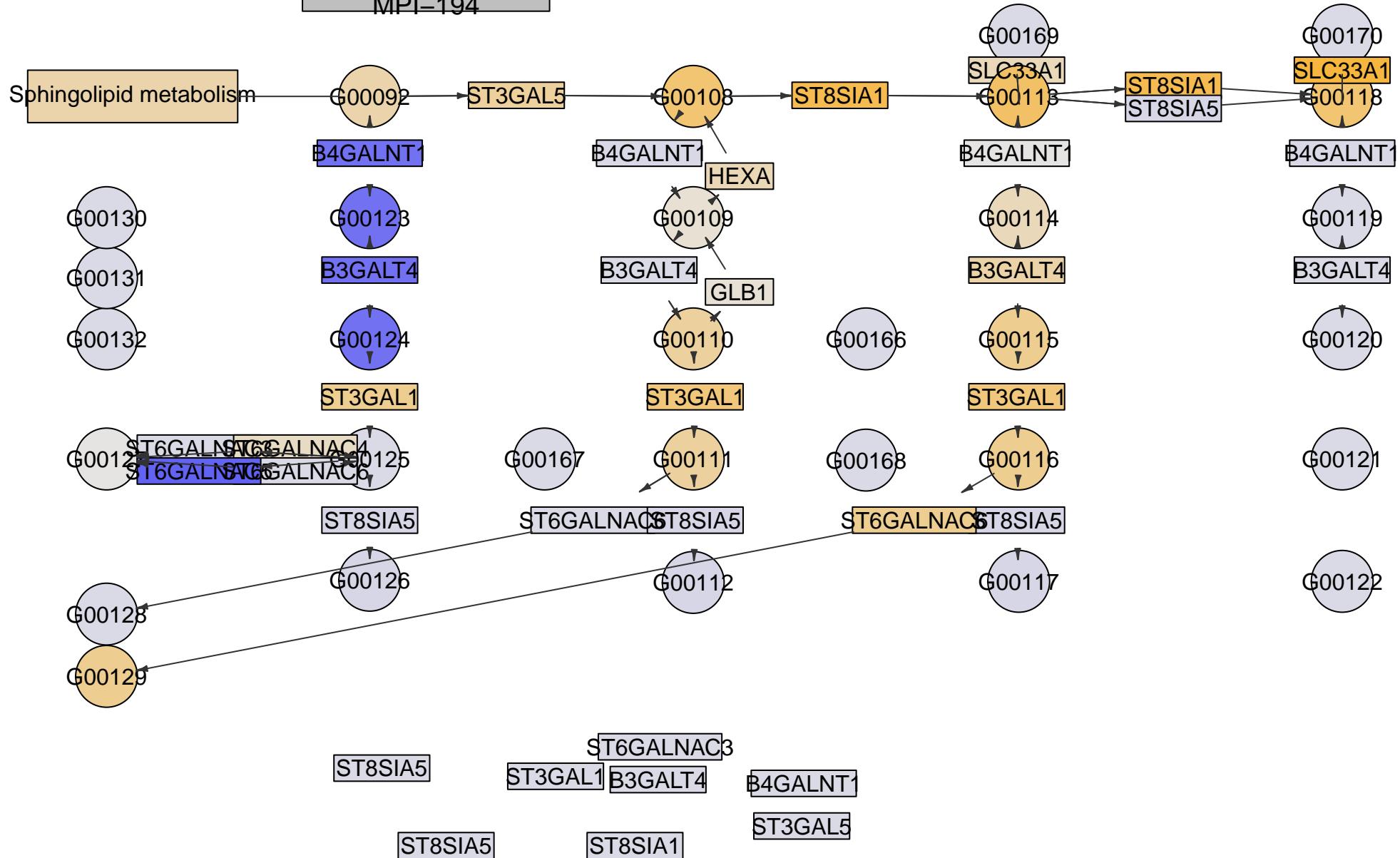
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-191



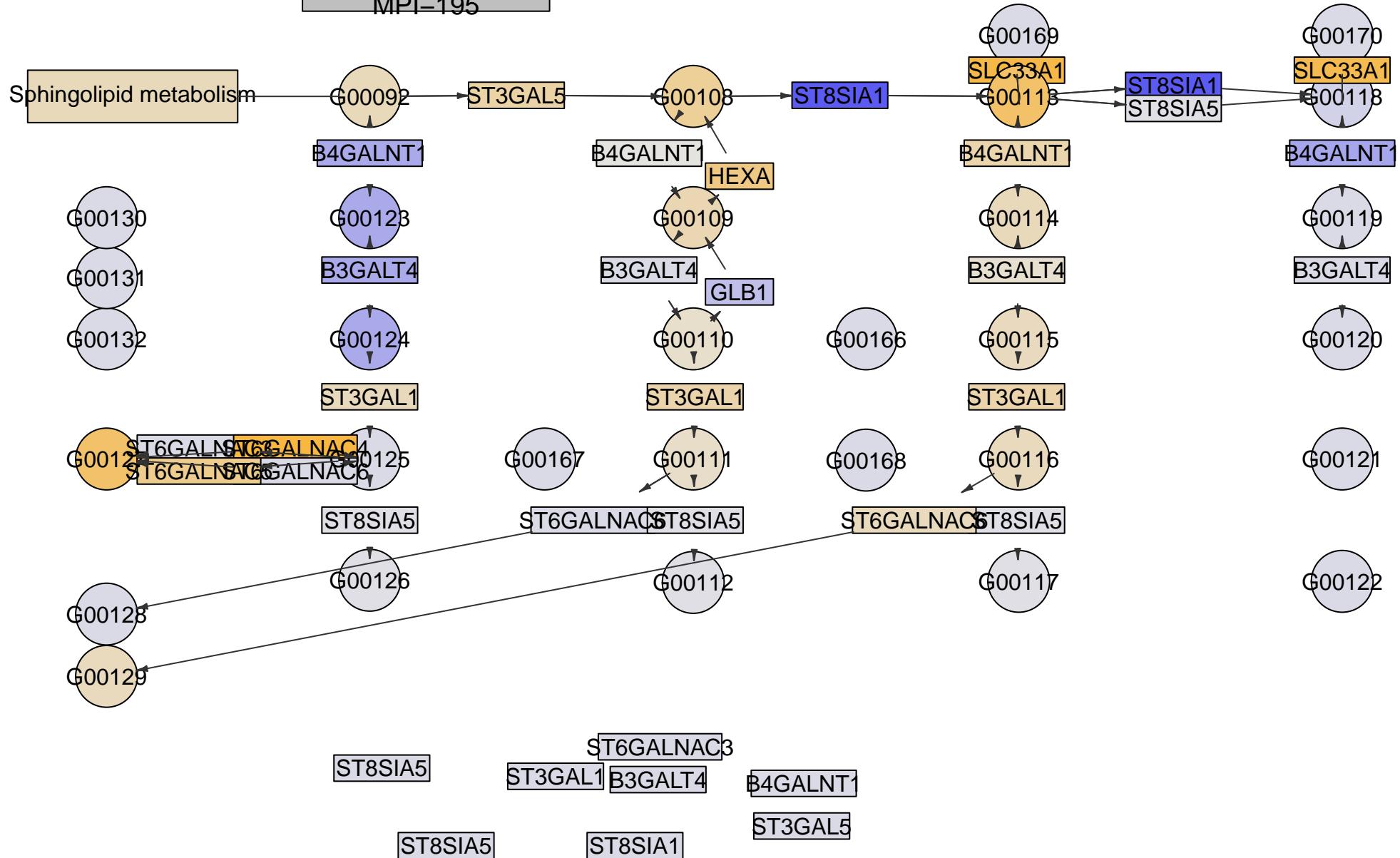
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-192



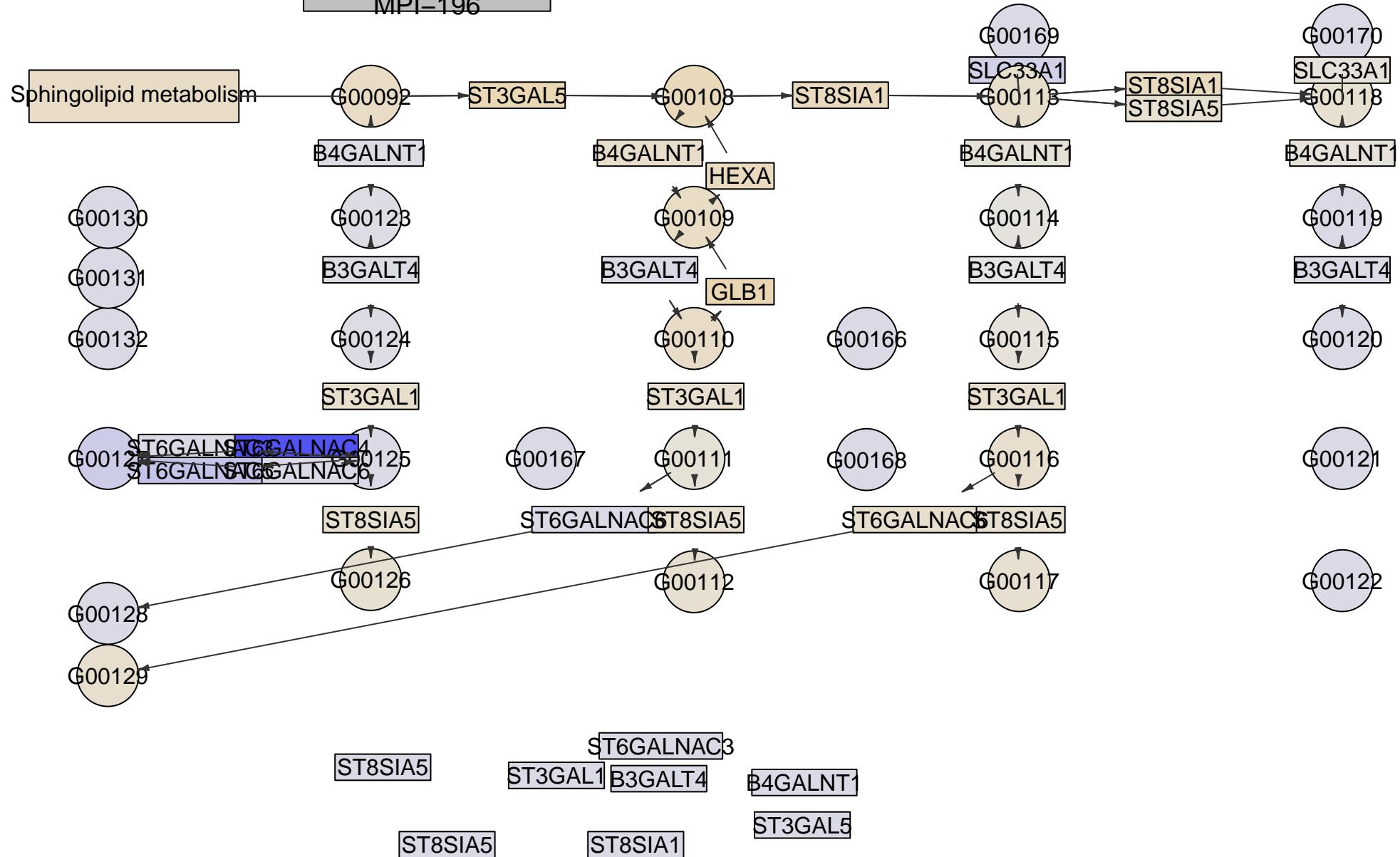
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-194



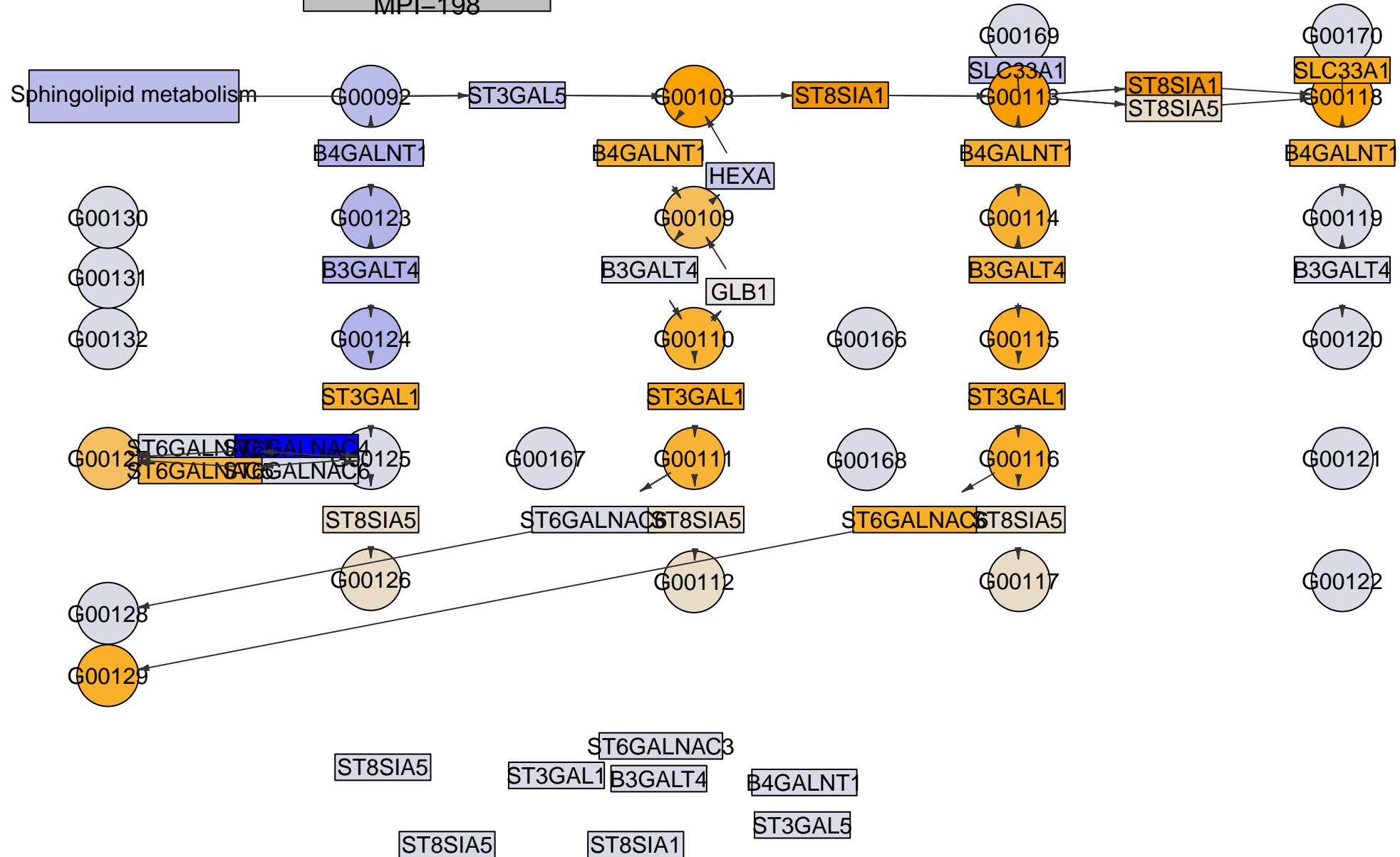
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-195



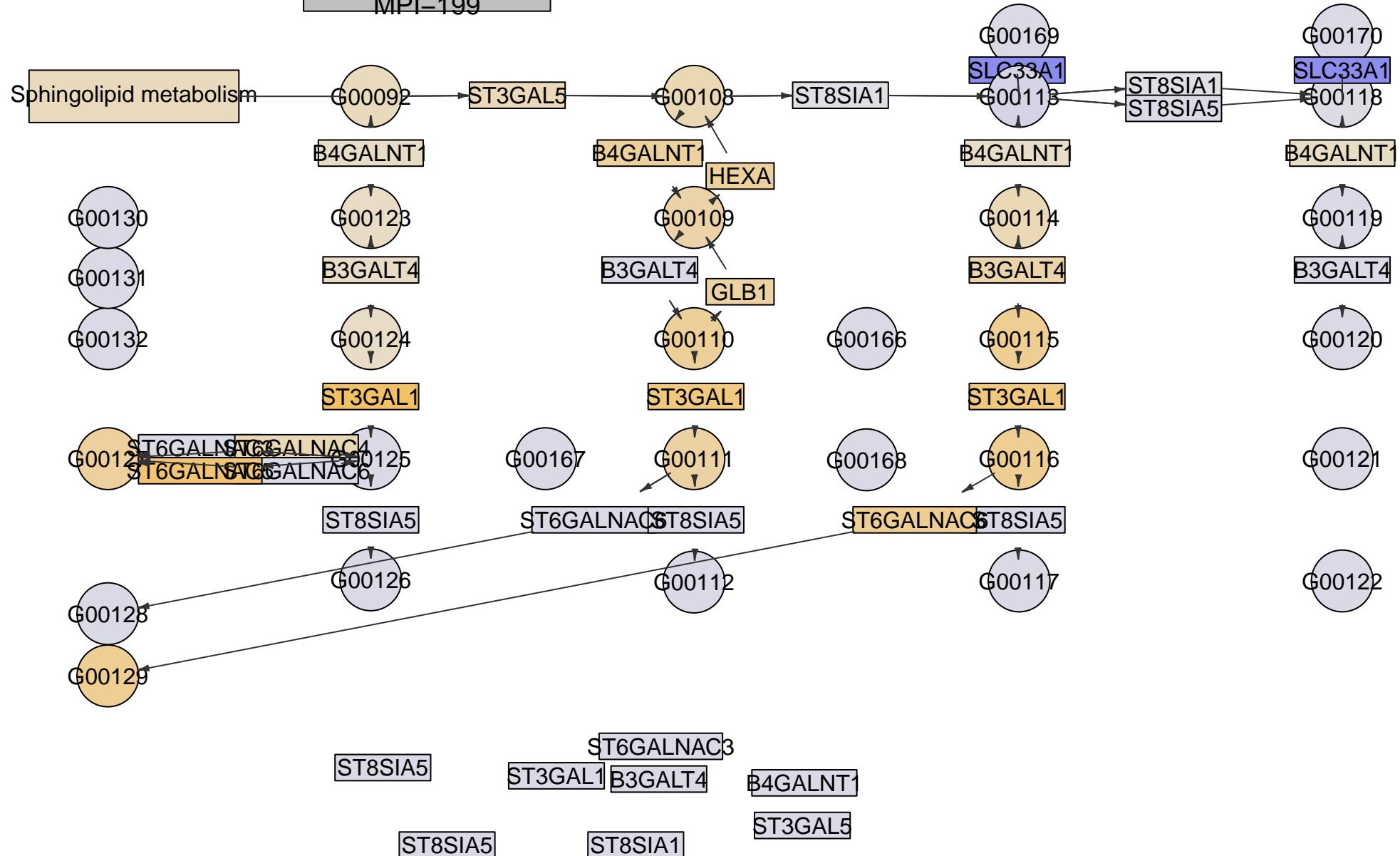
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-196



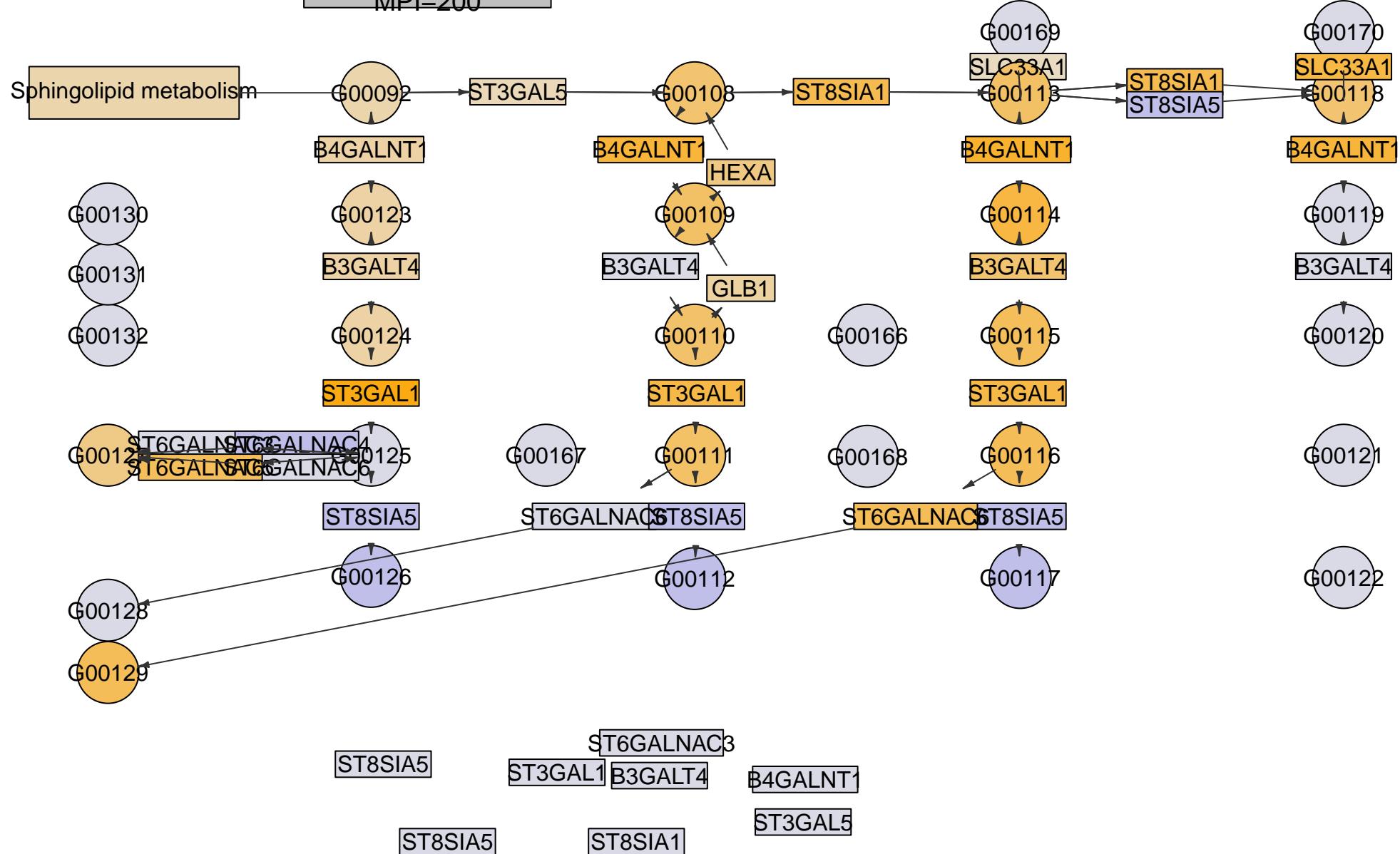
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-198



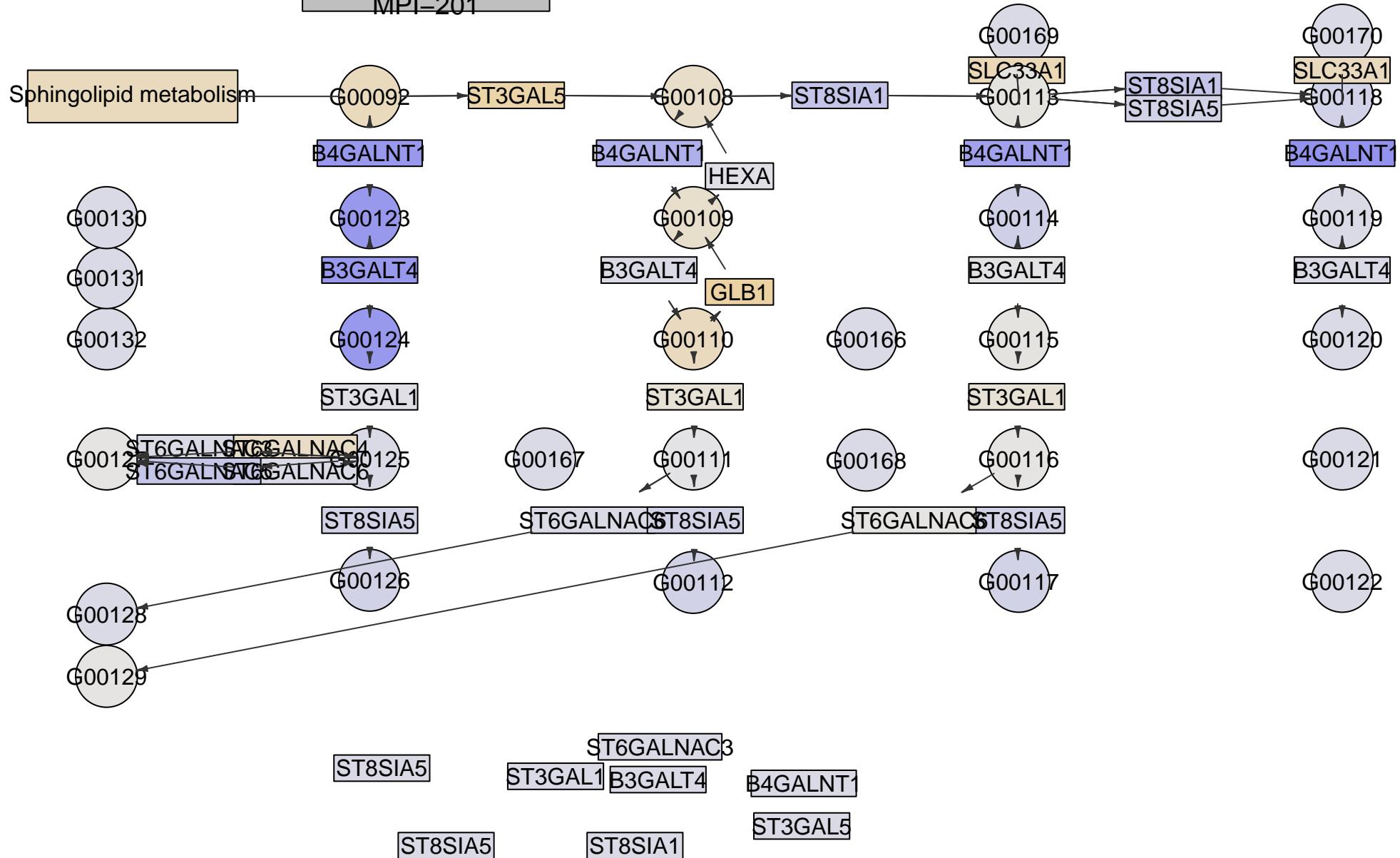
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-199



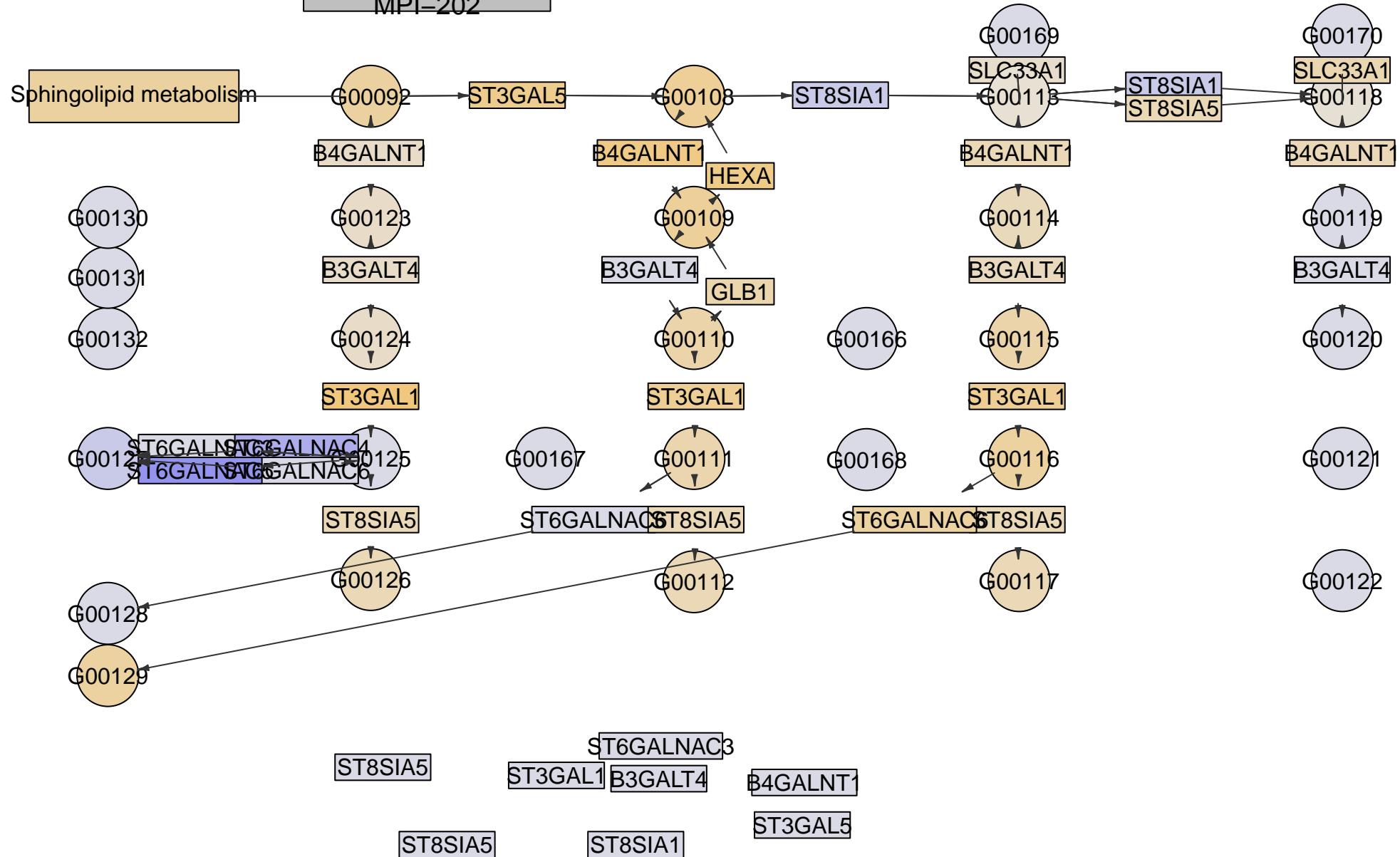
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-200



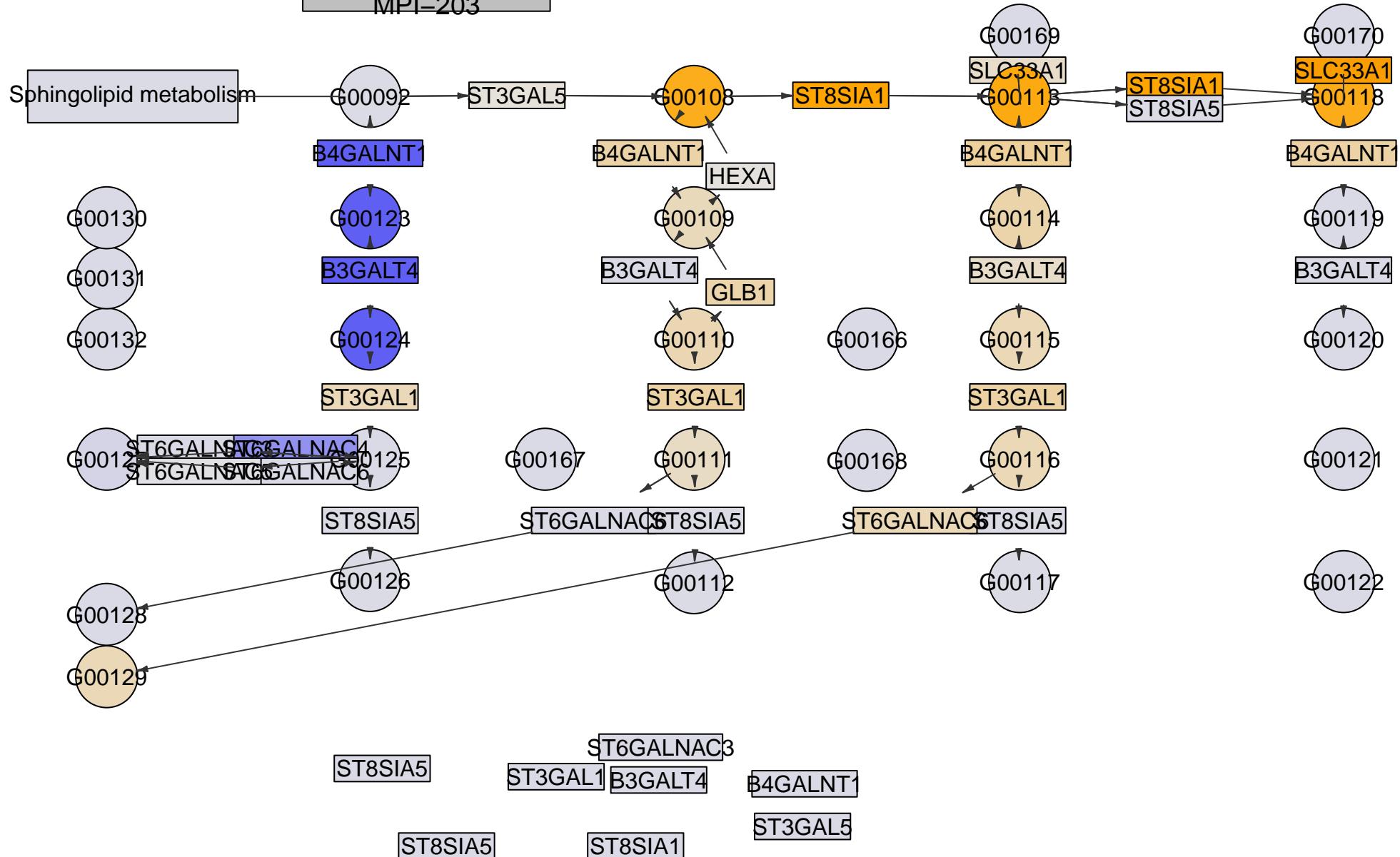
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-201



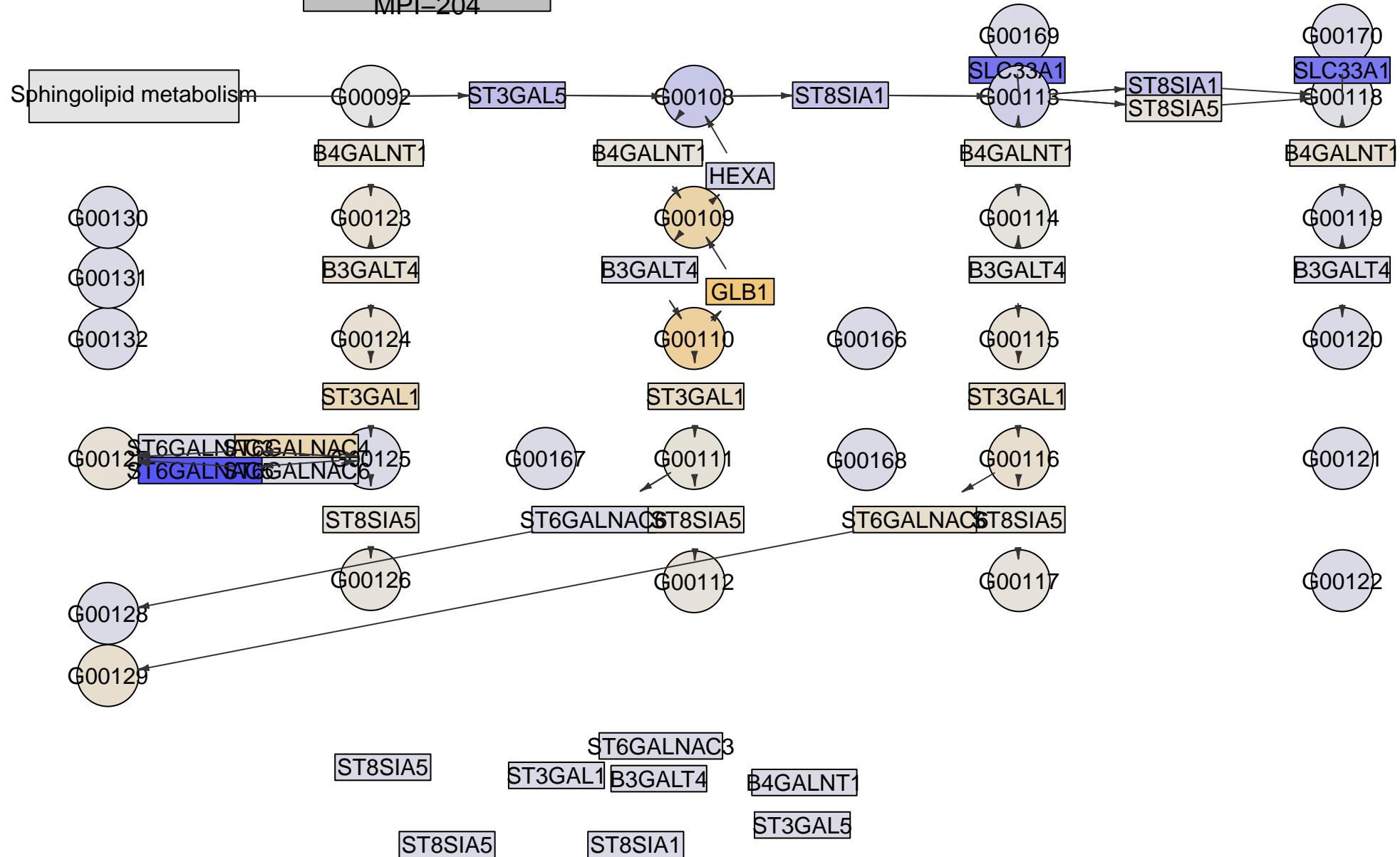
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-202



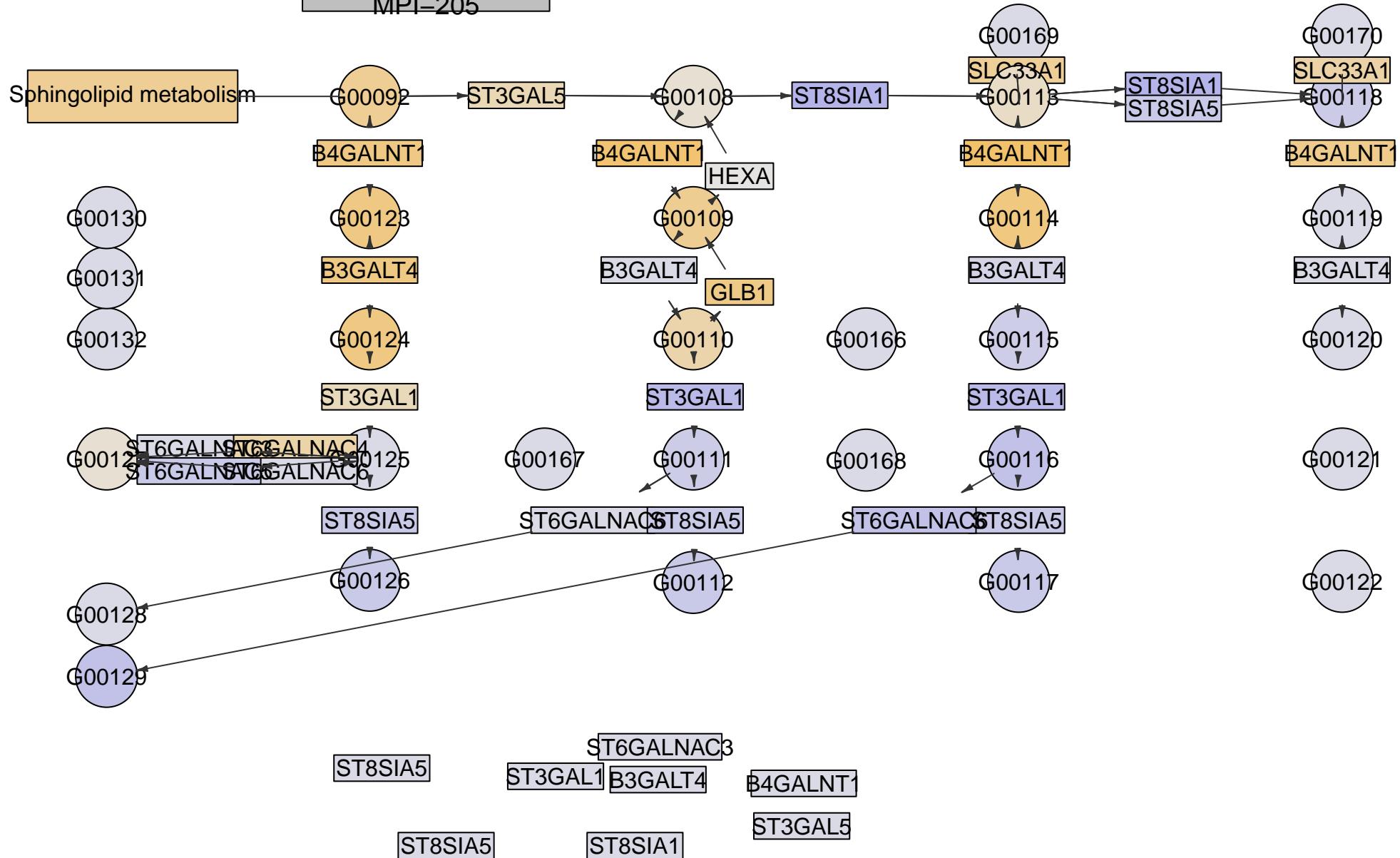
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-203



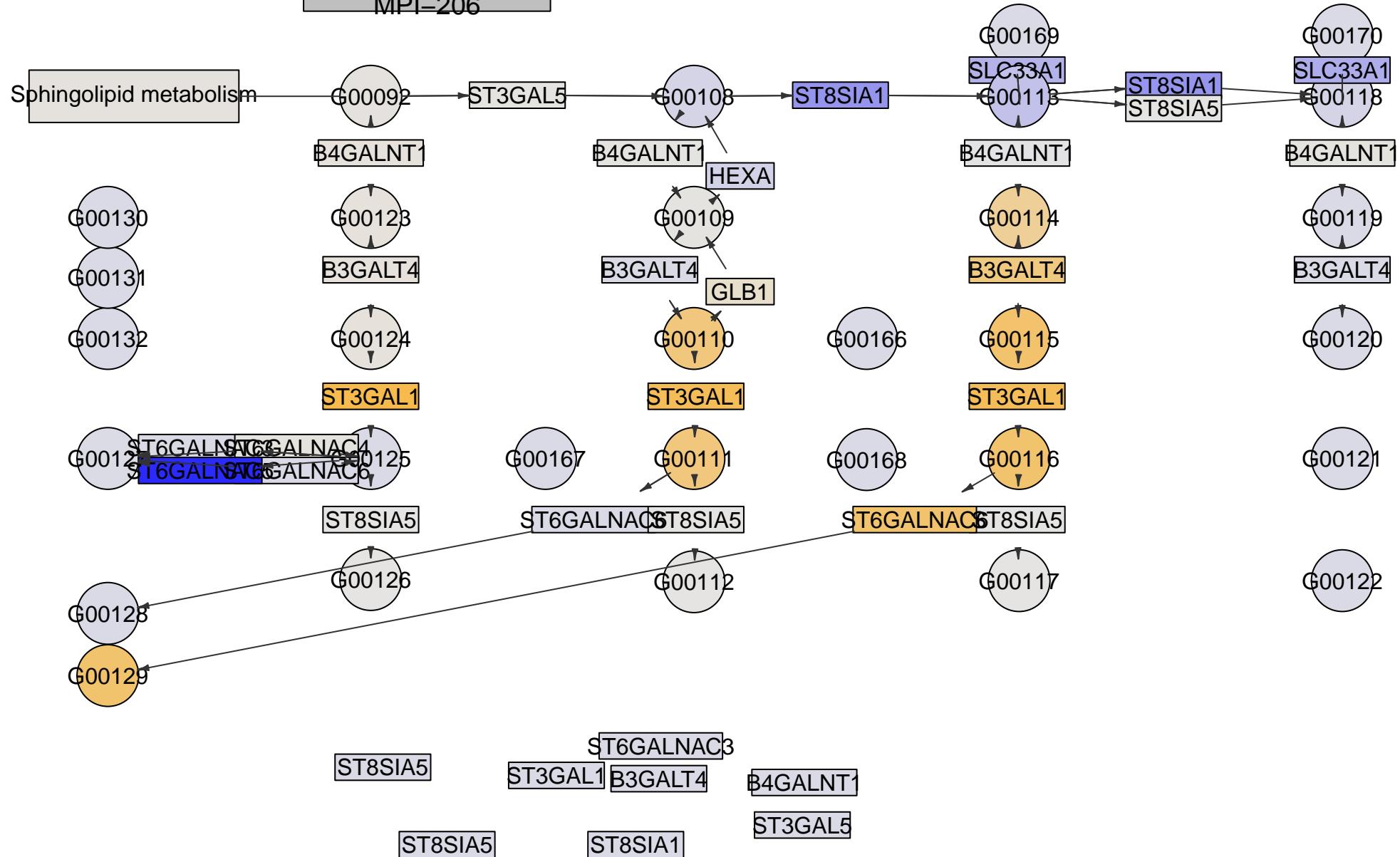
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-204



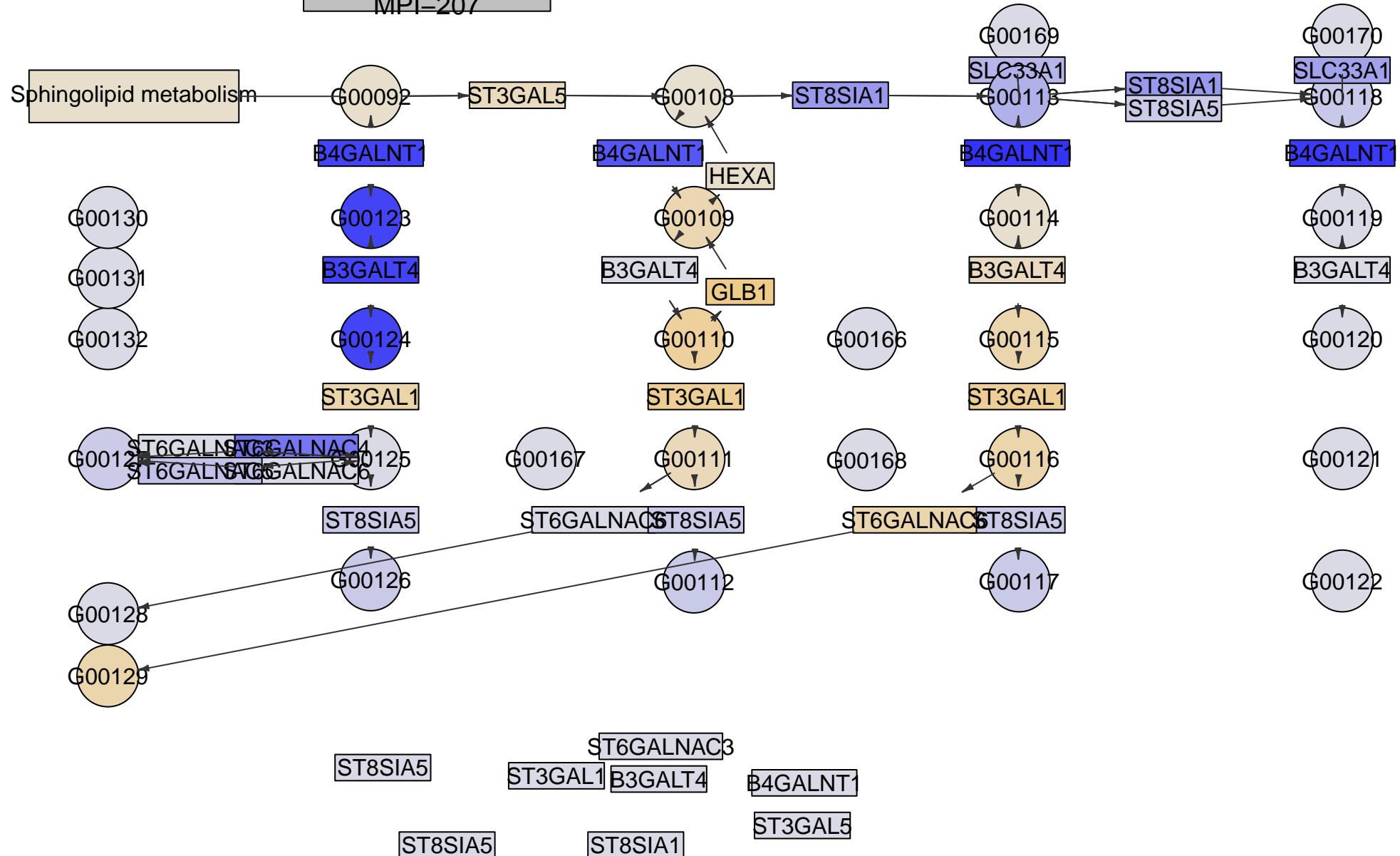
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-205



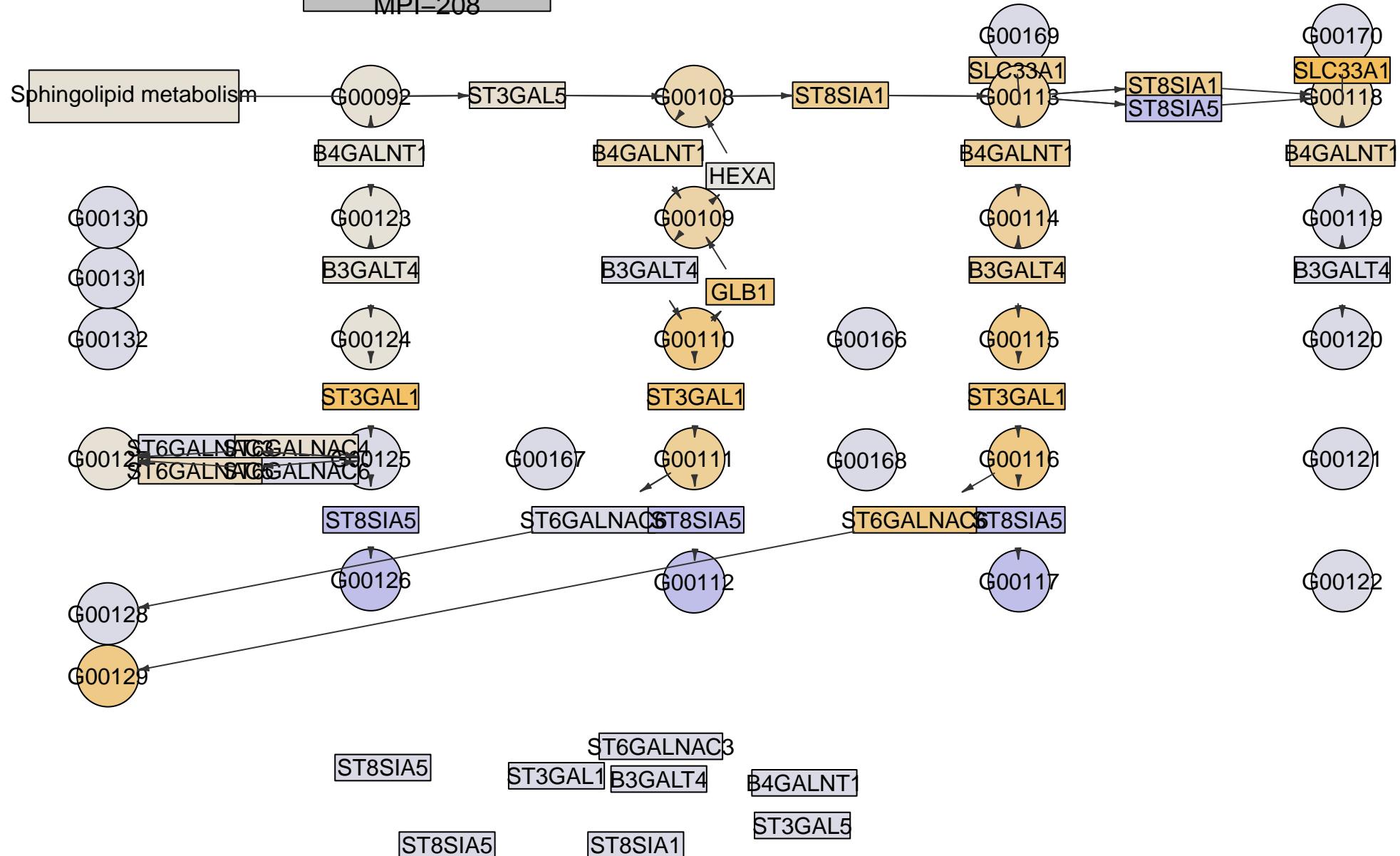
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-206



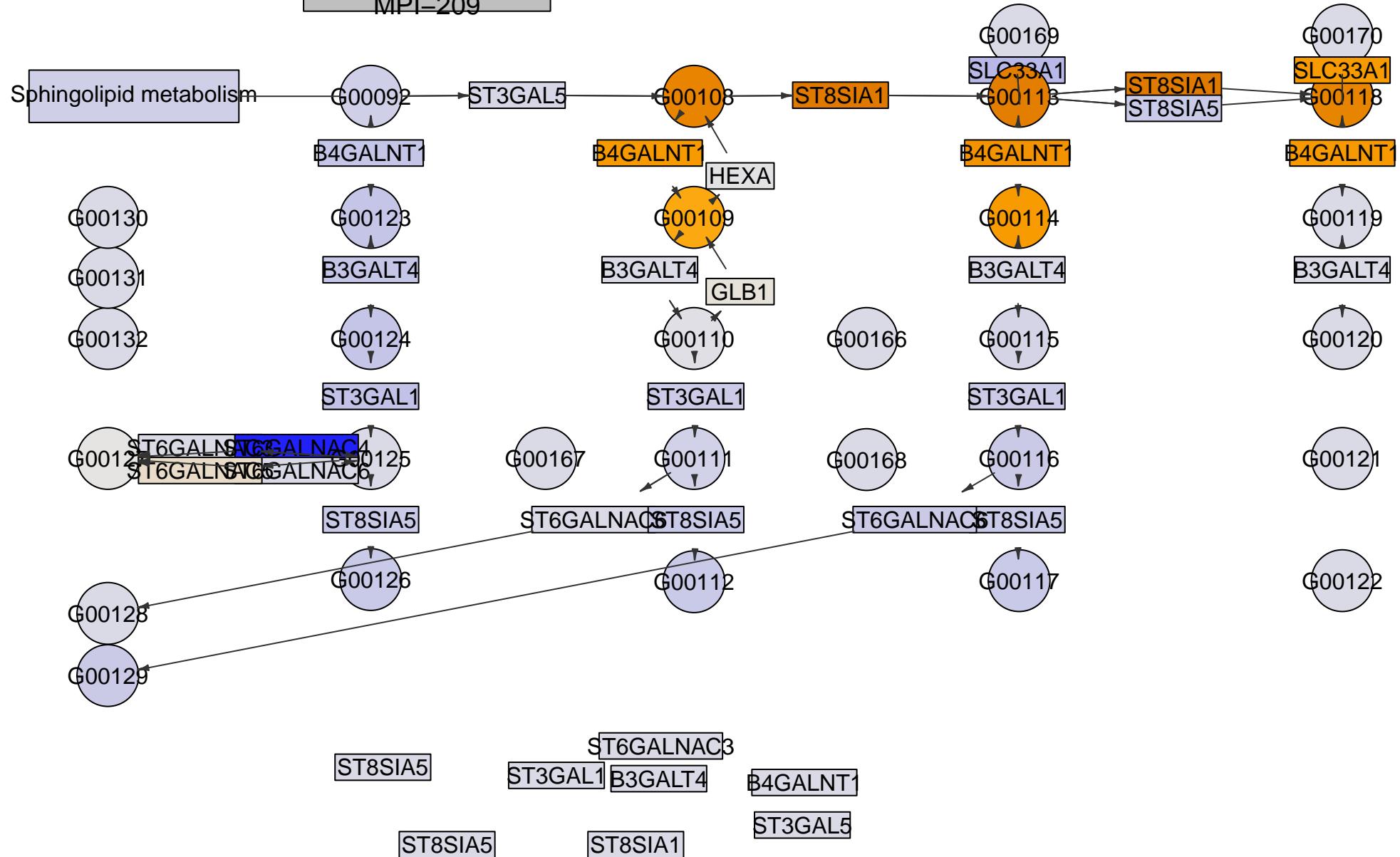
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-207



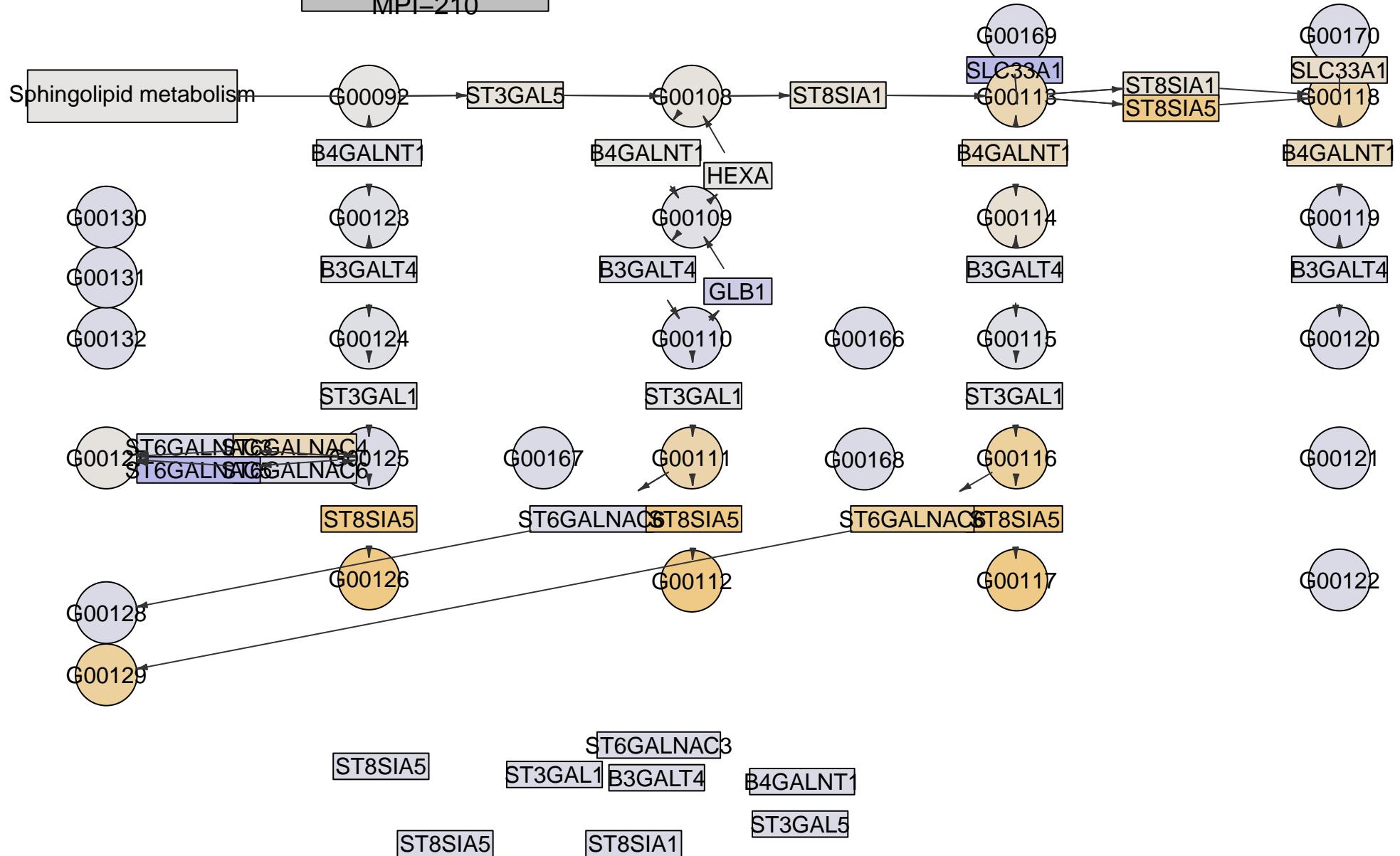
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-208



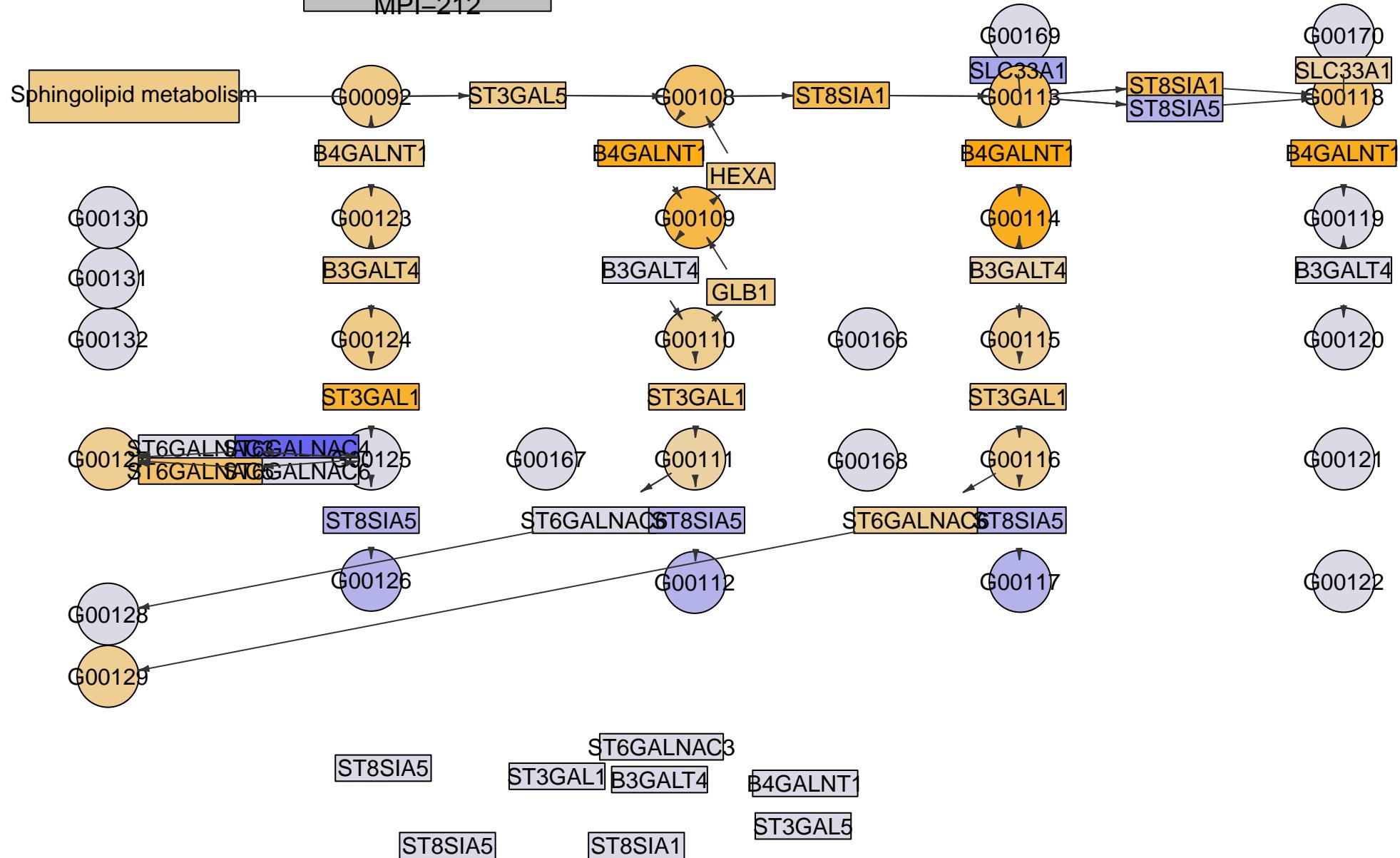
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-209



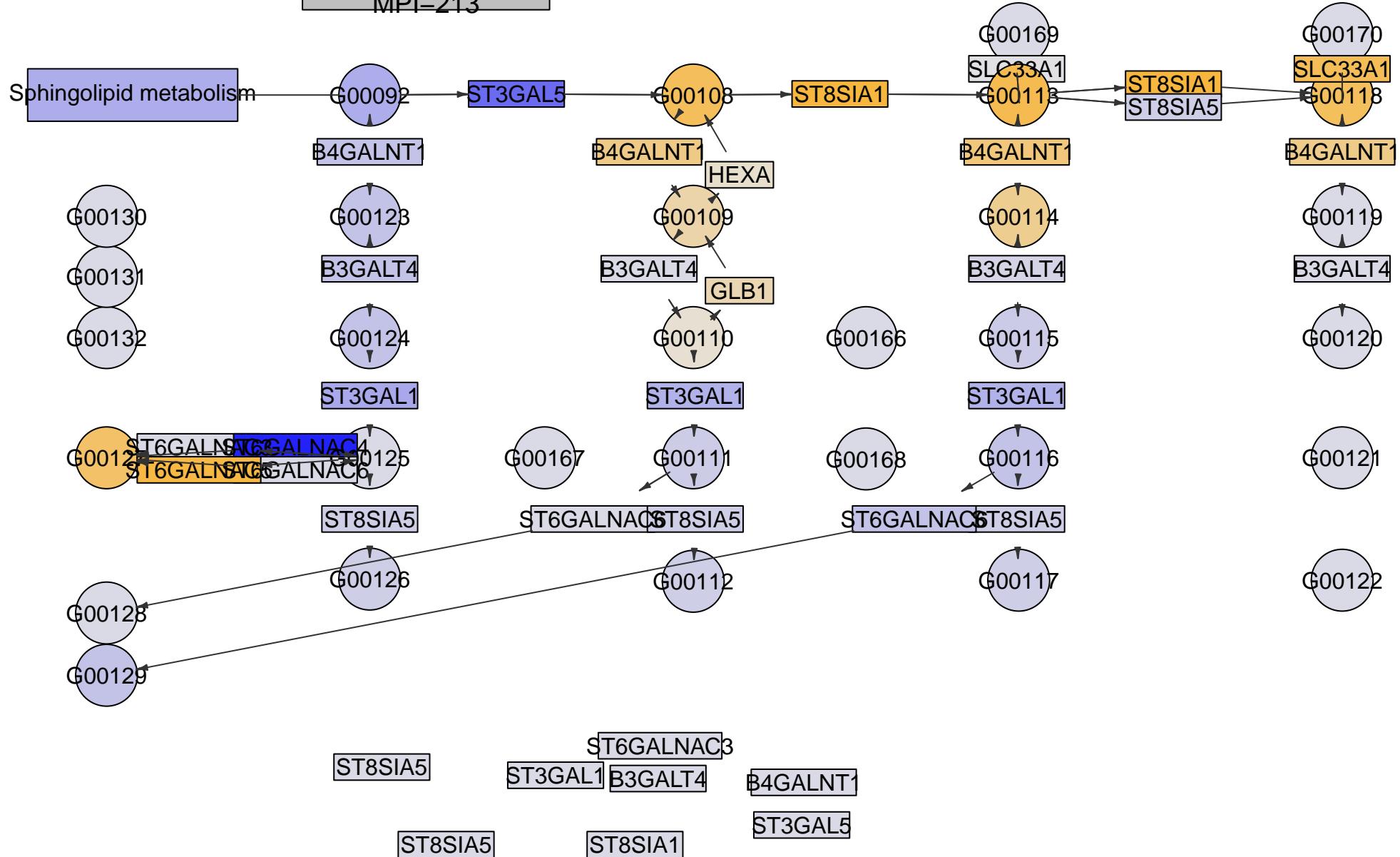
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-210



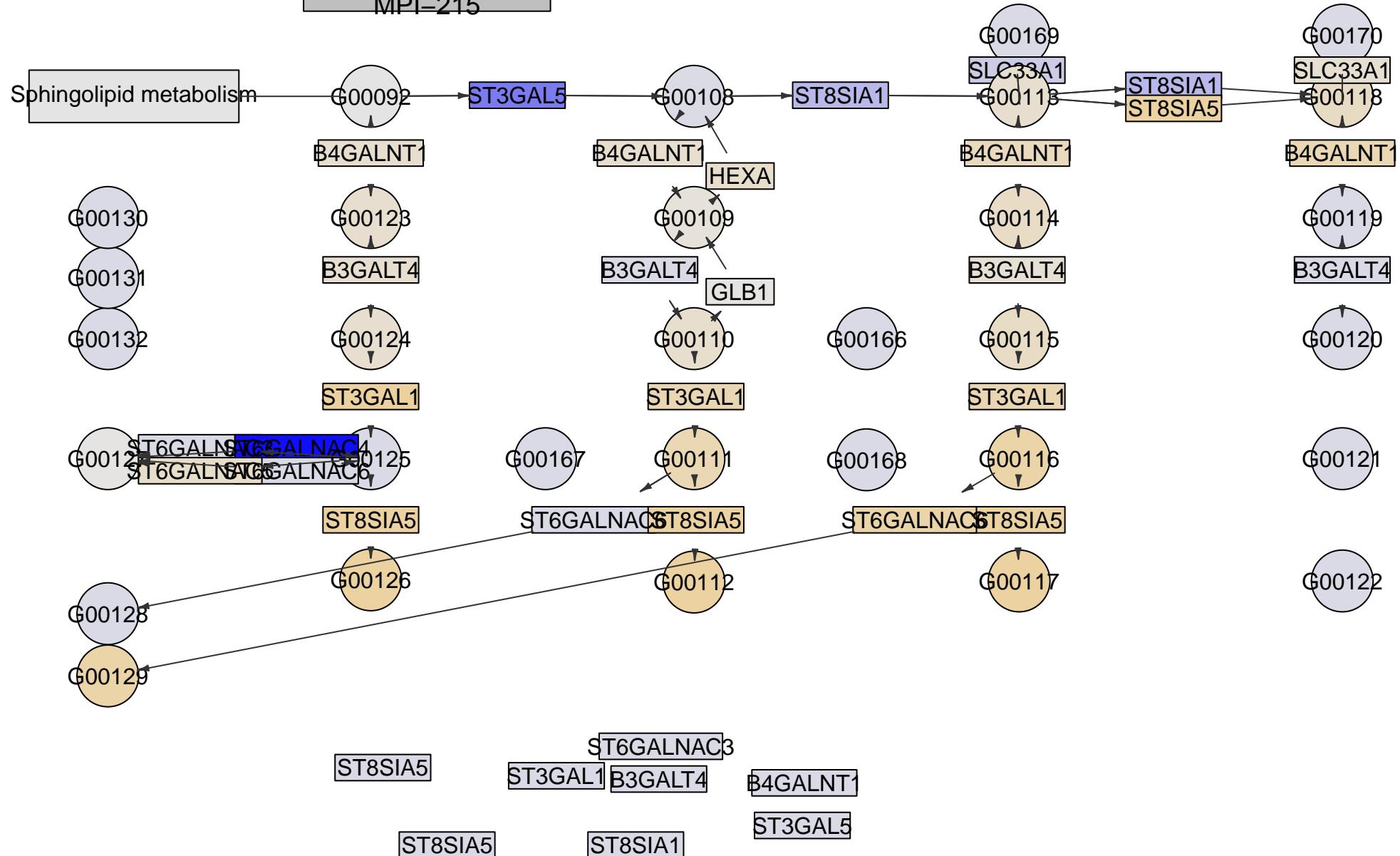
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-212



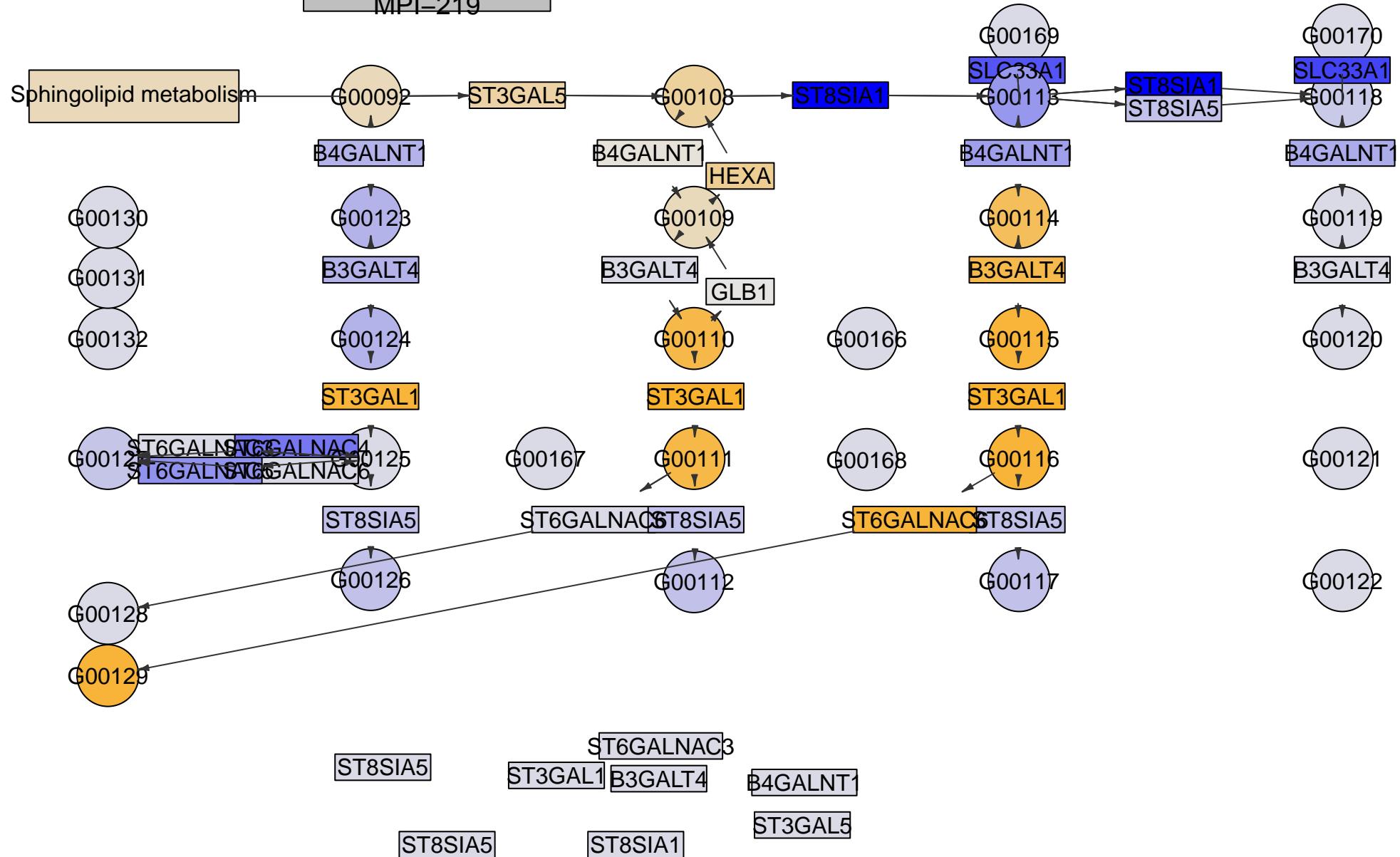
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-213



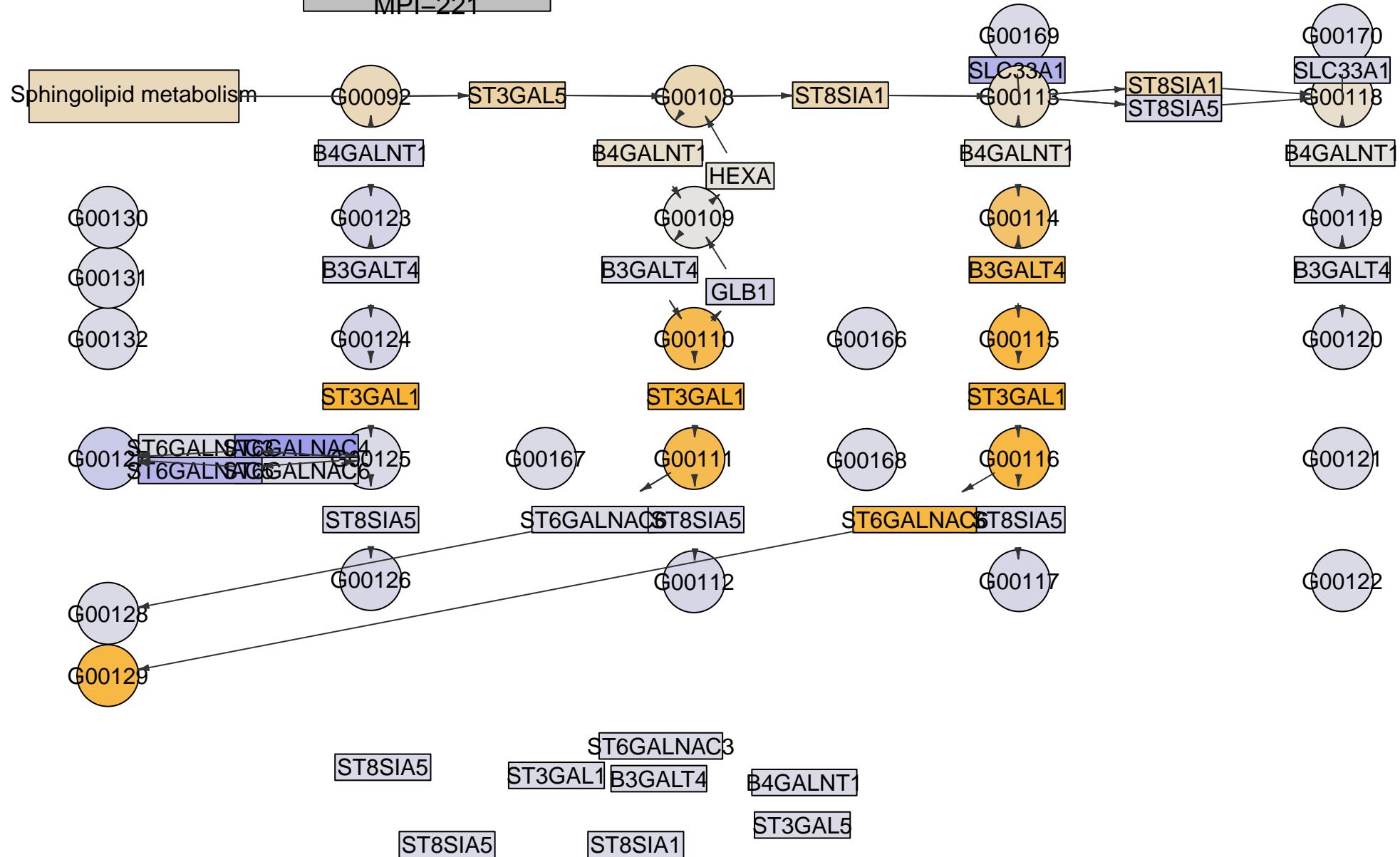
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-215



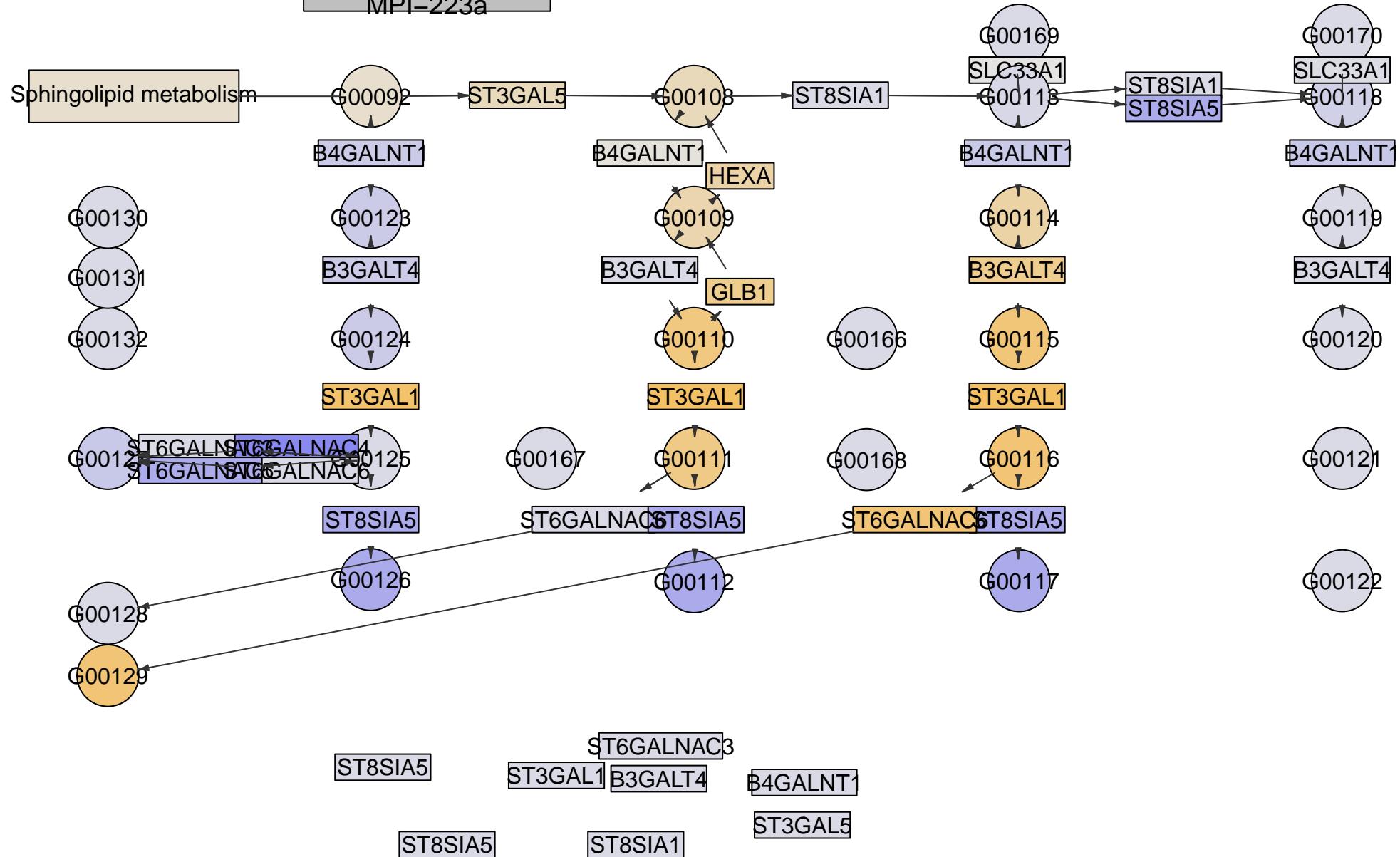
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-219



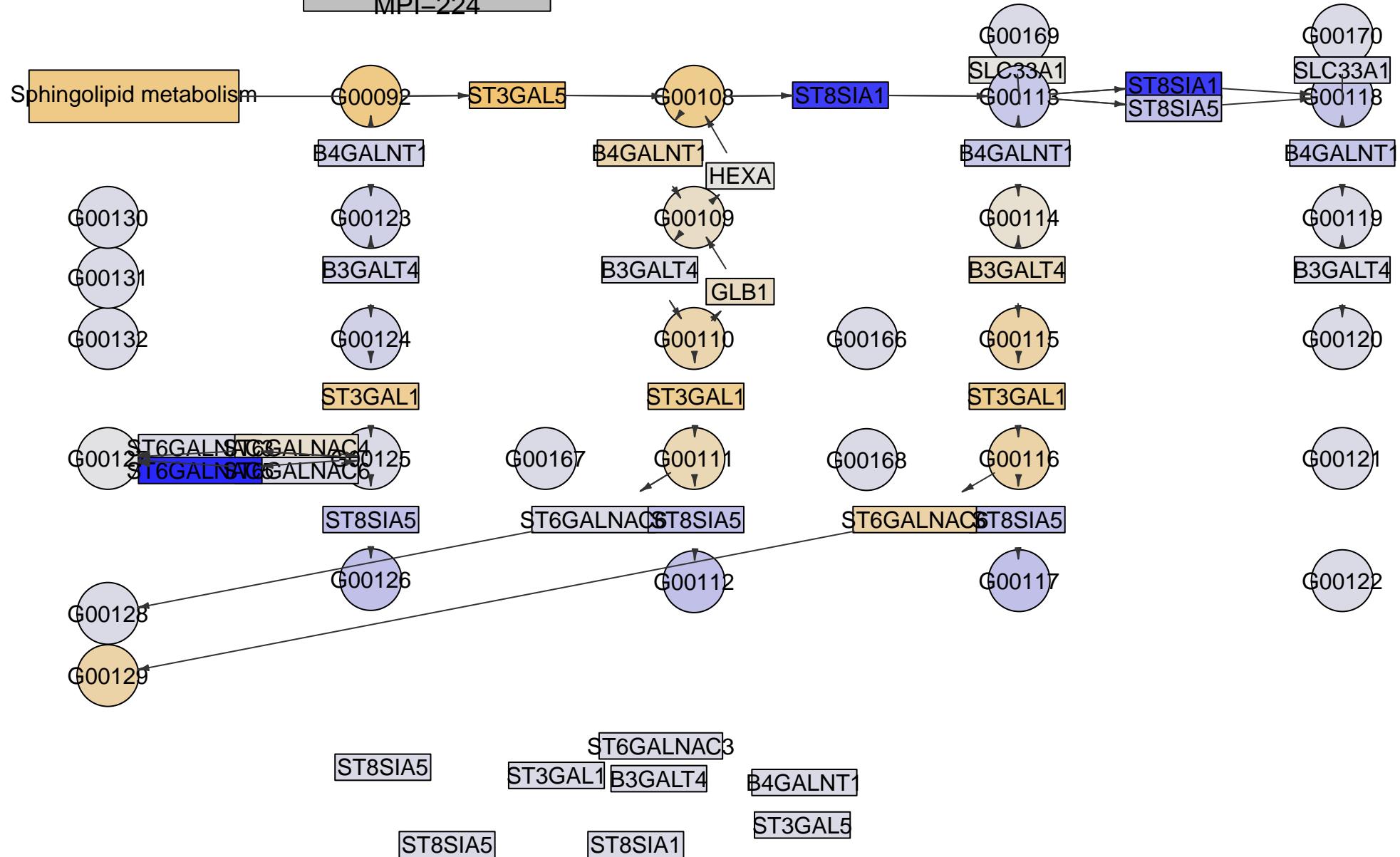
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-221



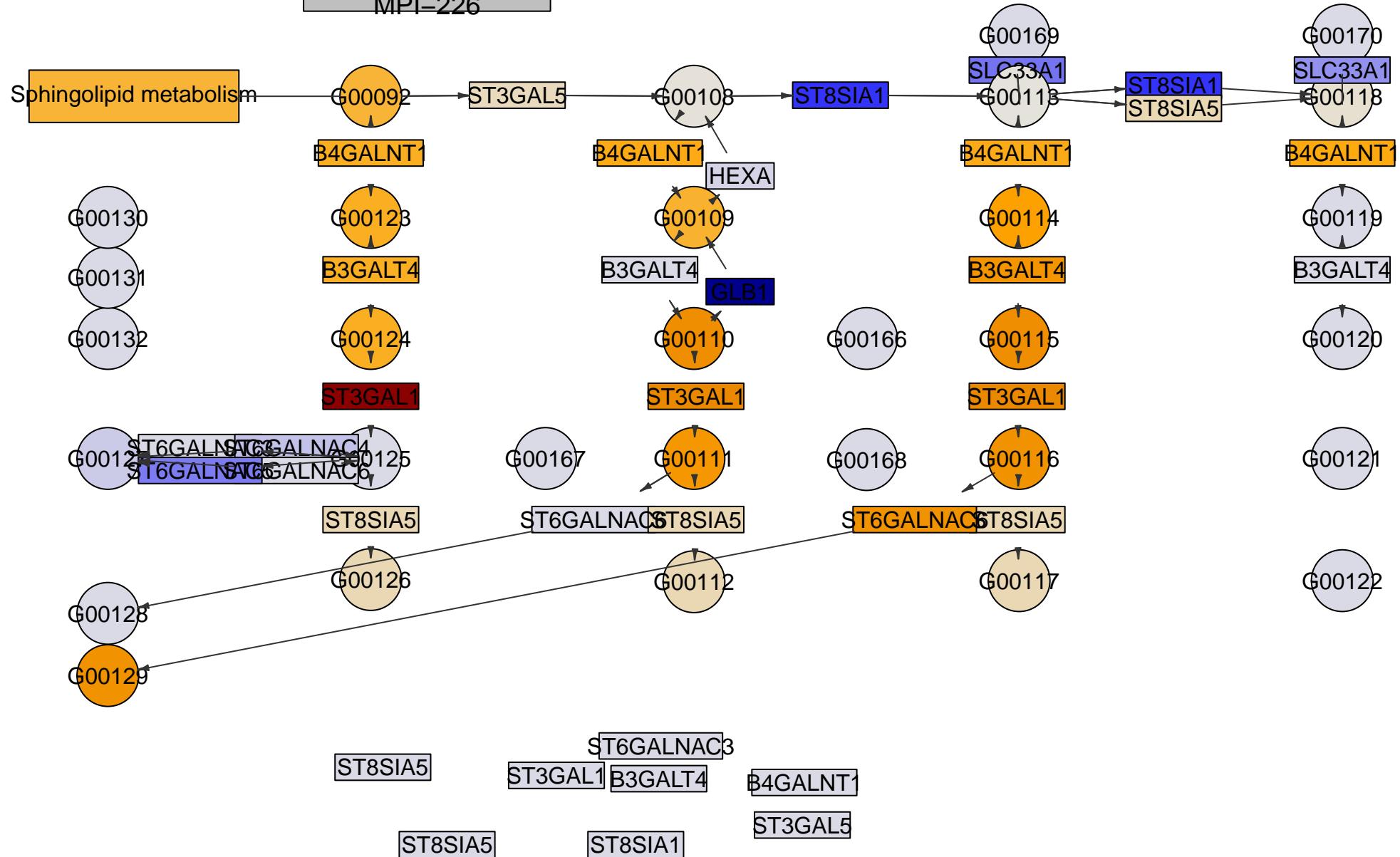
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-223a



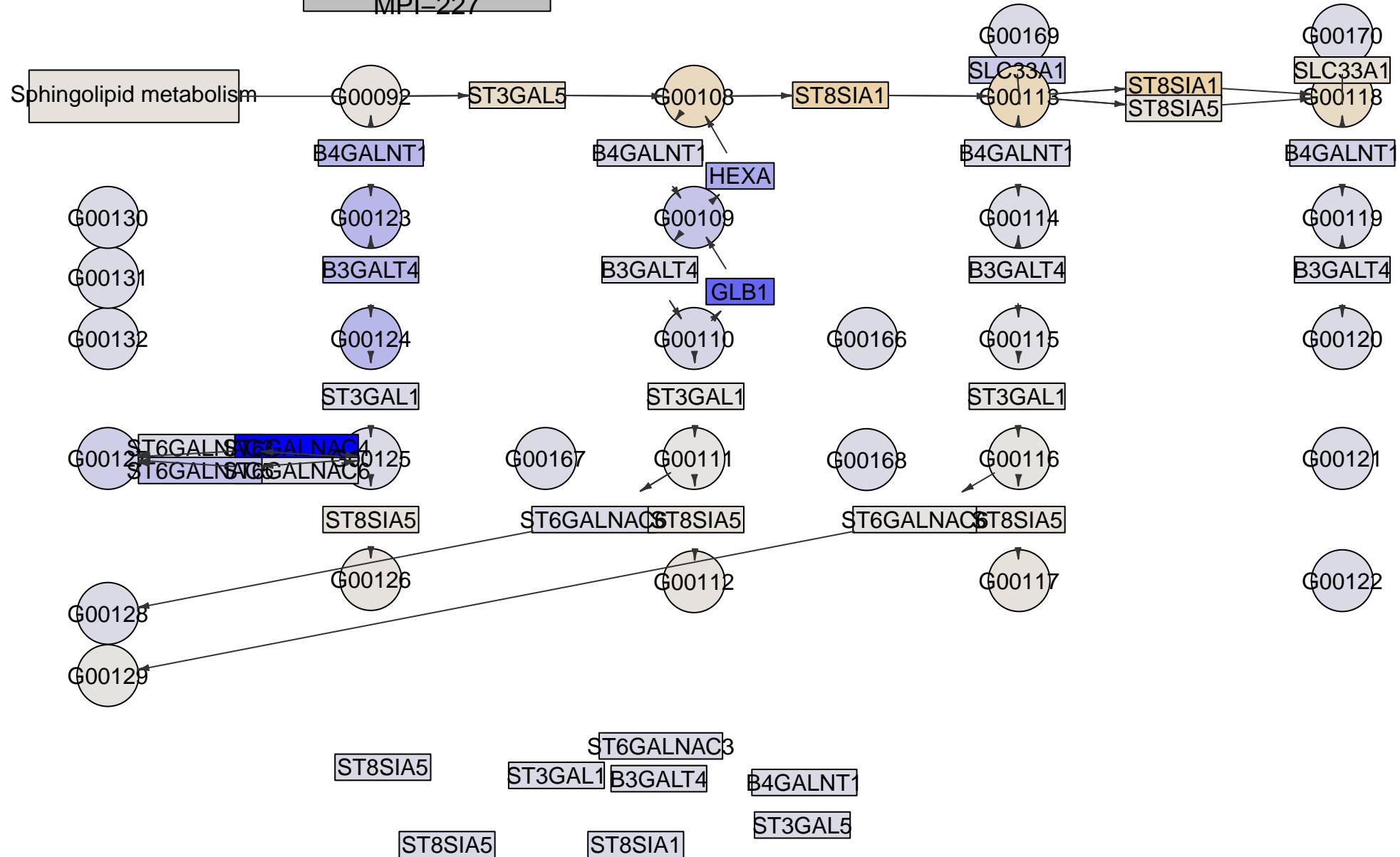
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-224



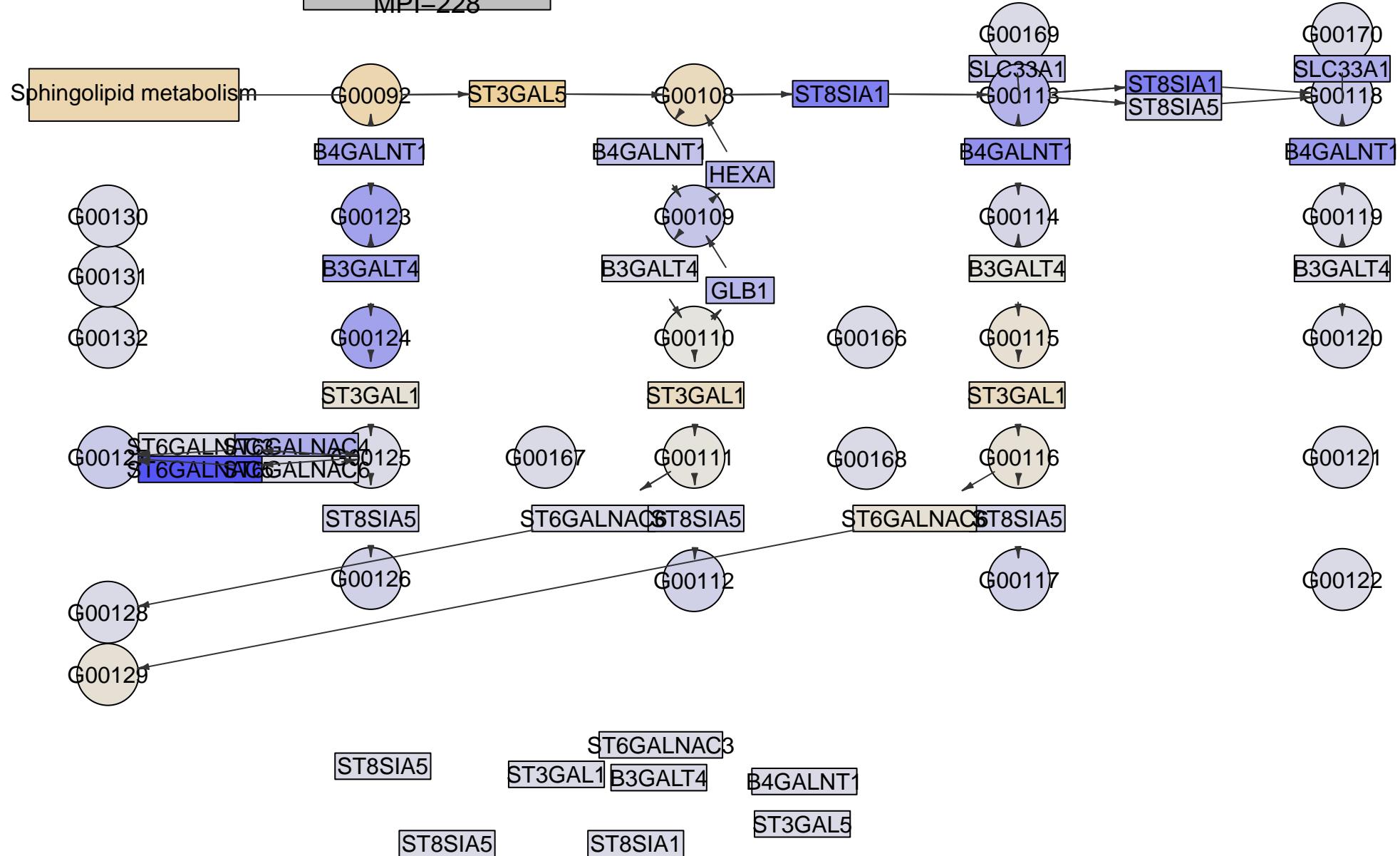
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-226



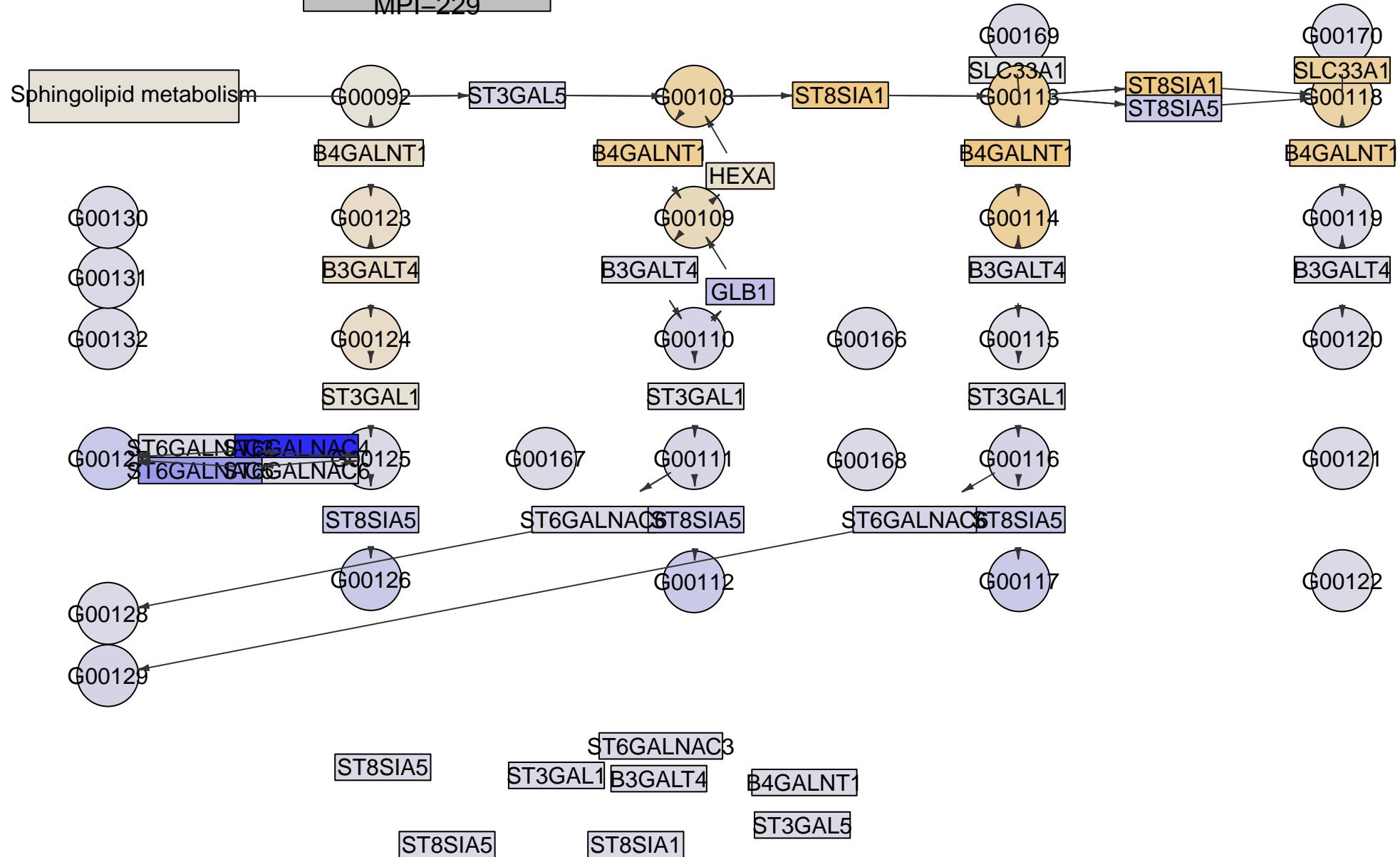
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-227



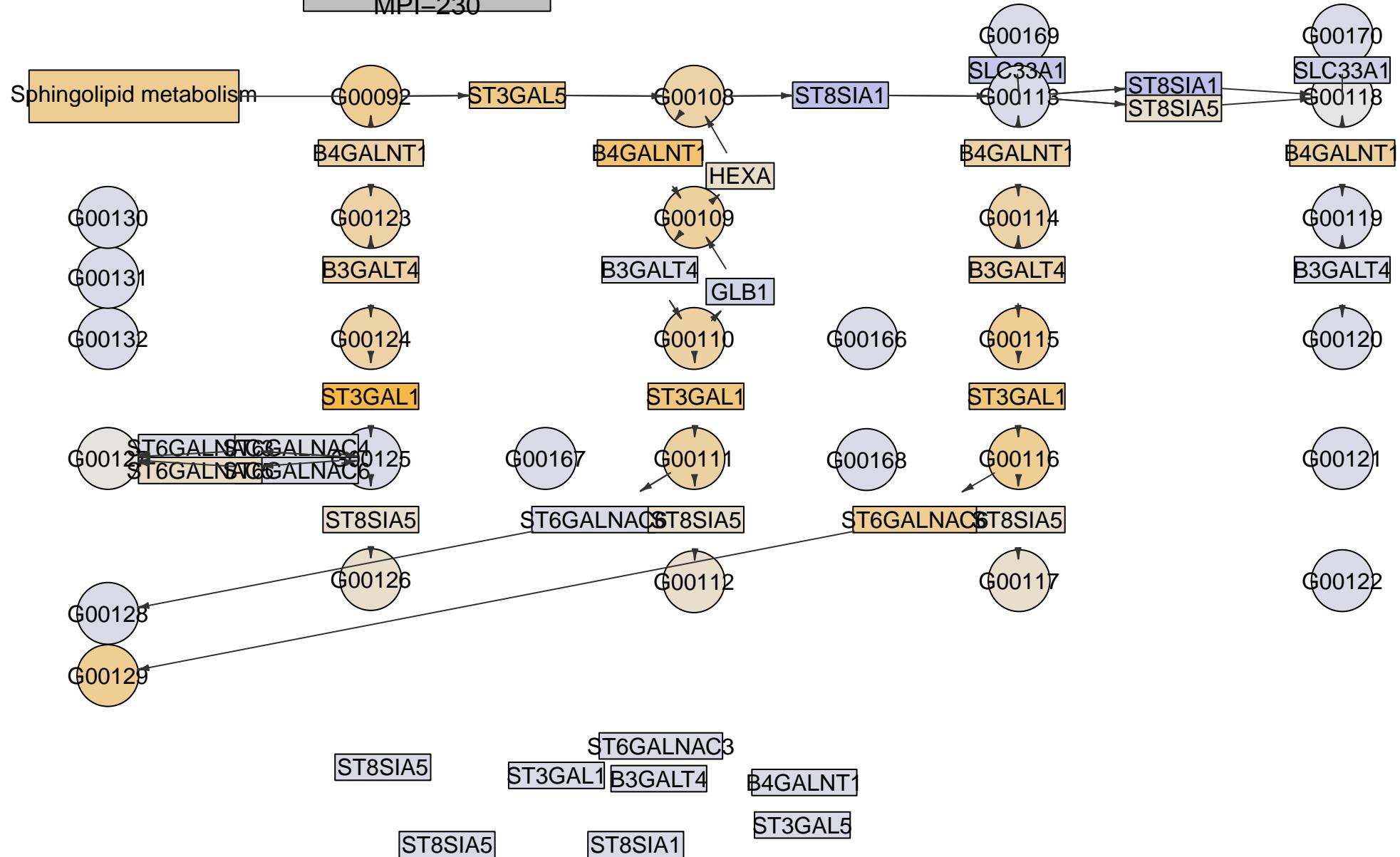
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-228



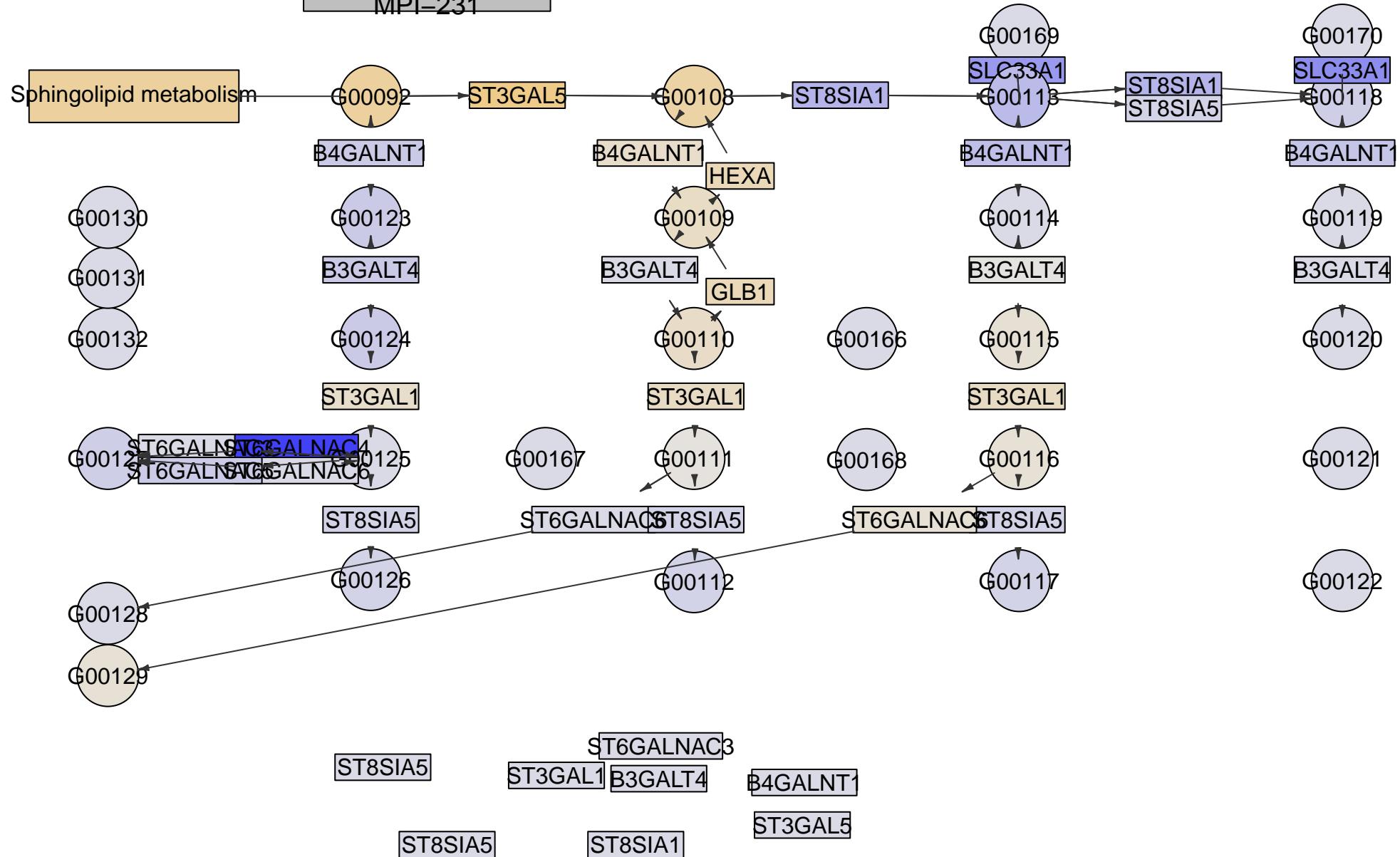
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-229



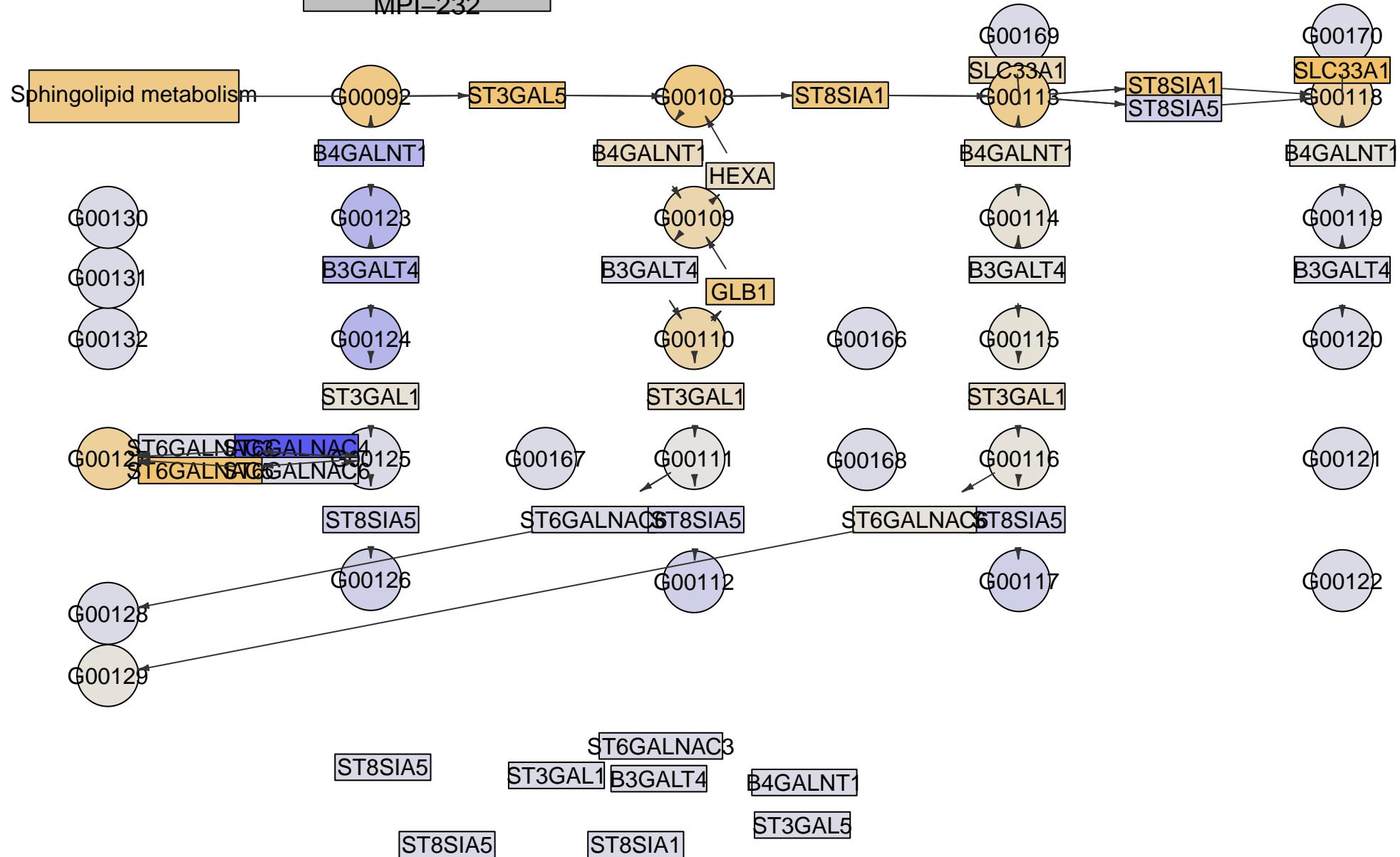
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-230



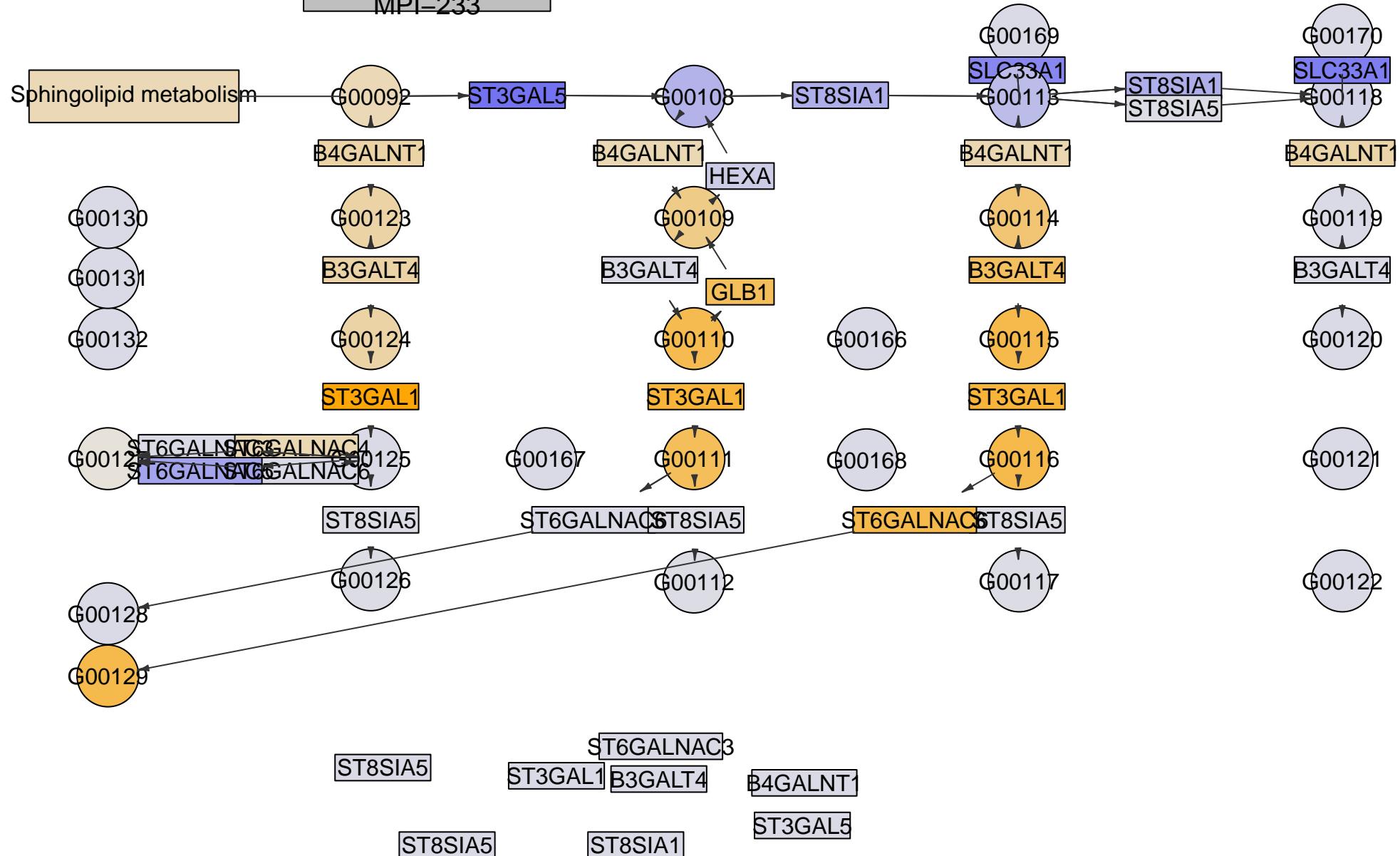
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-231



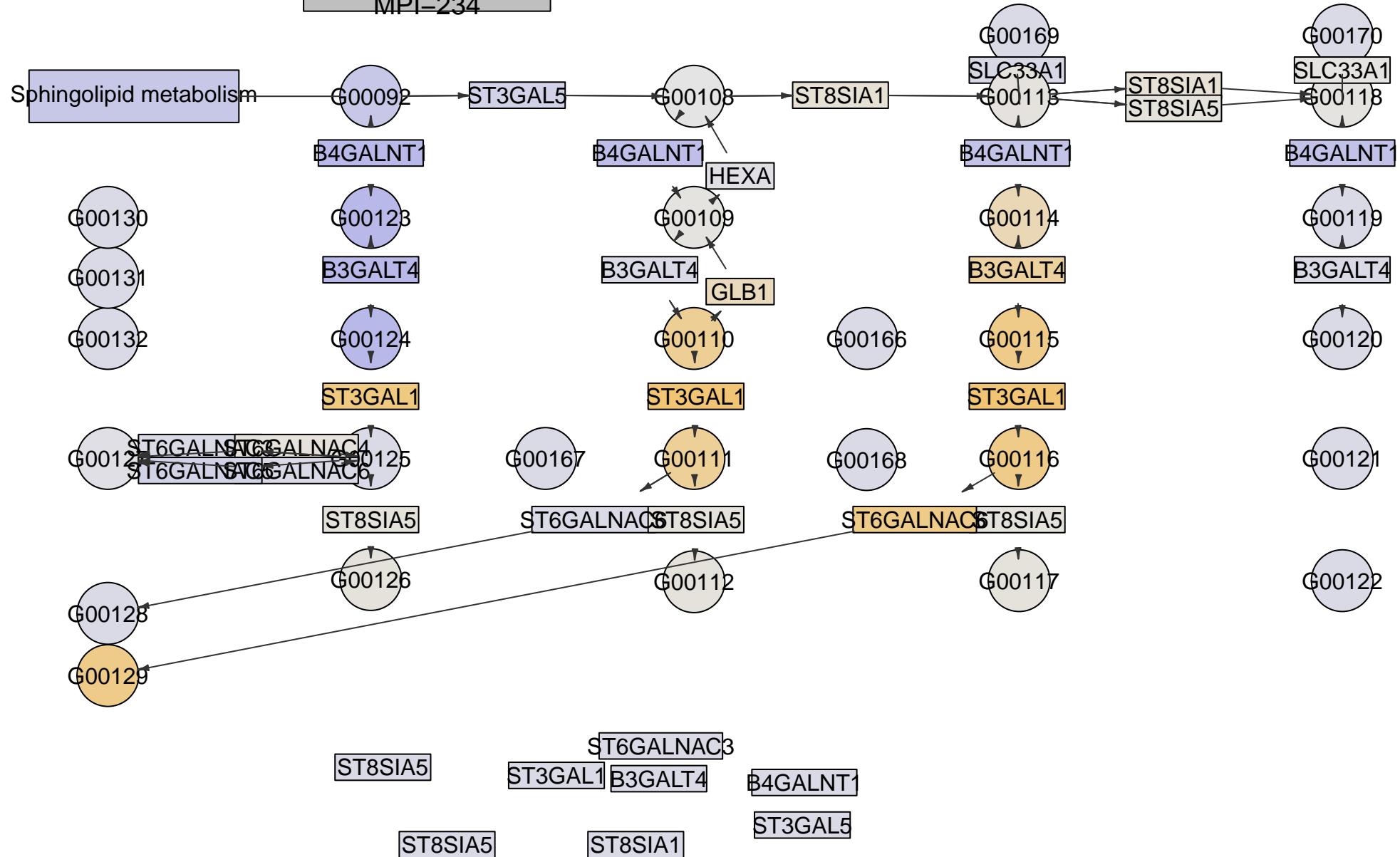
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-232



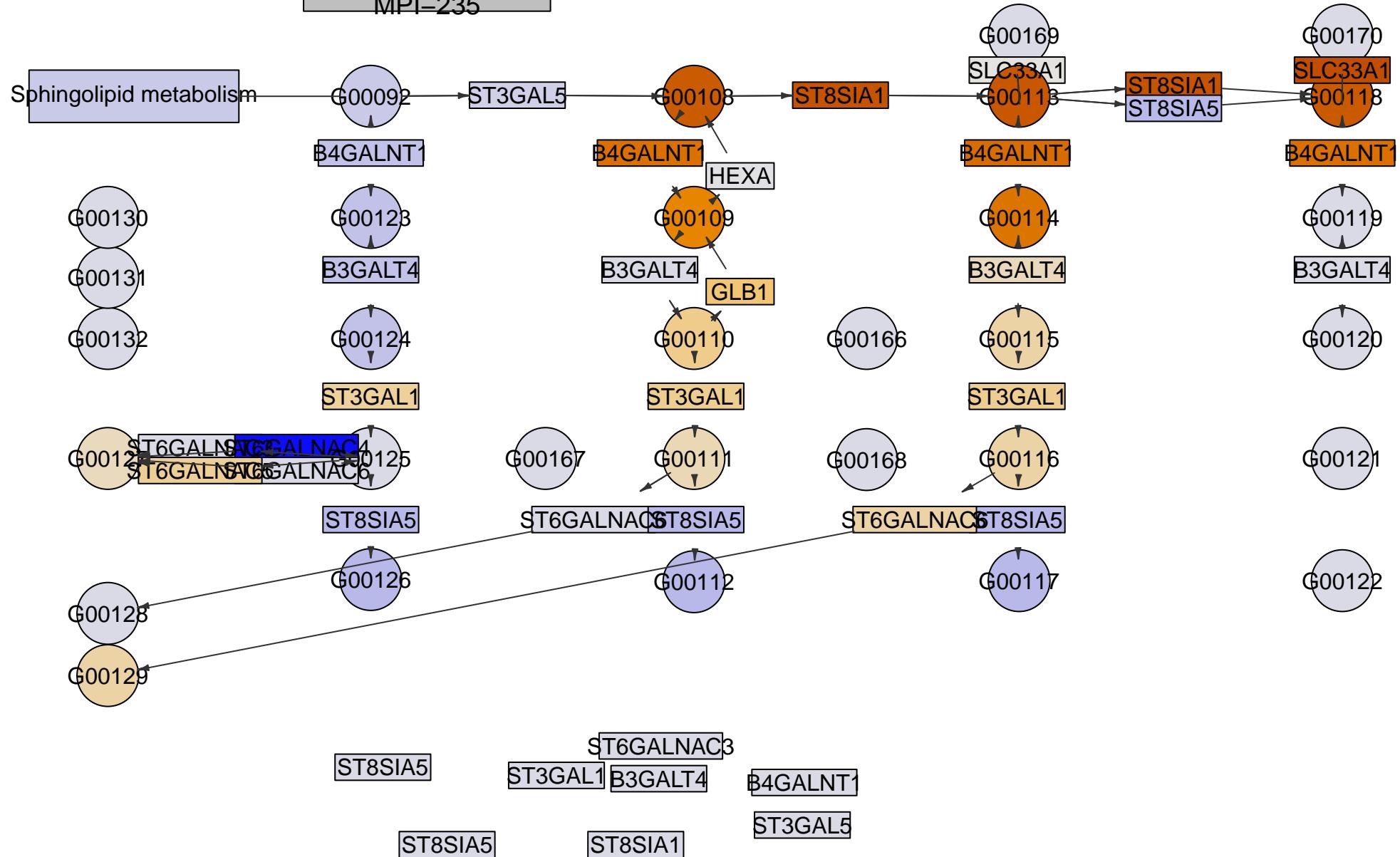
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-233



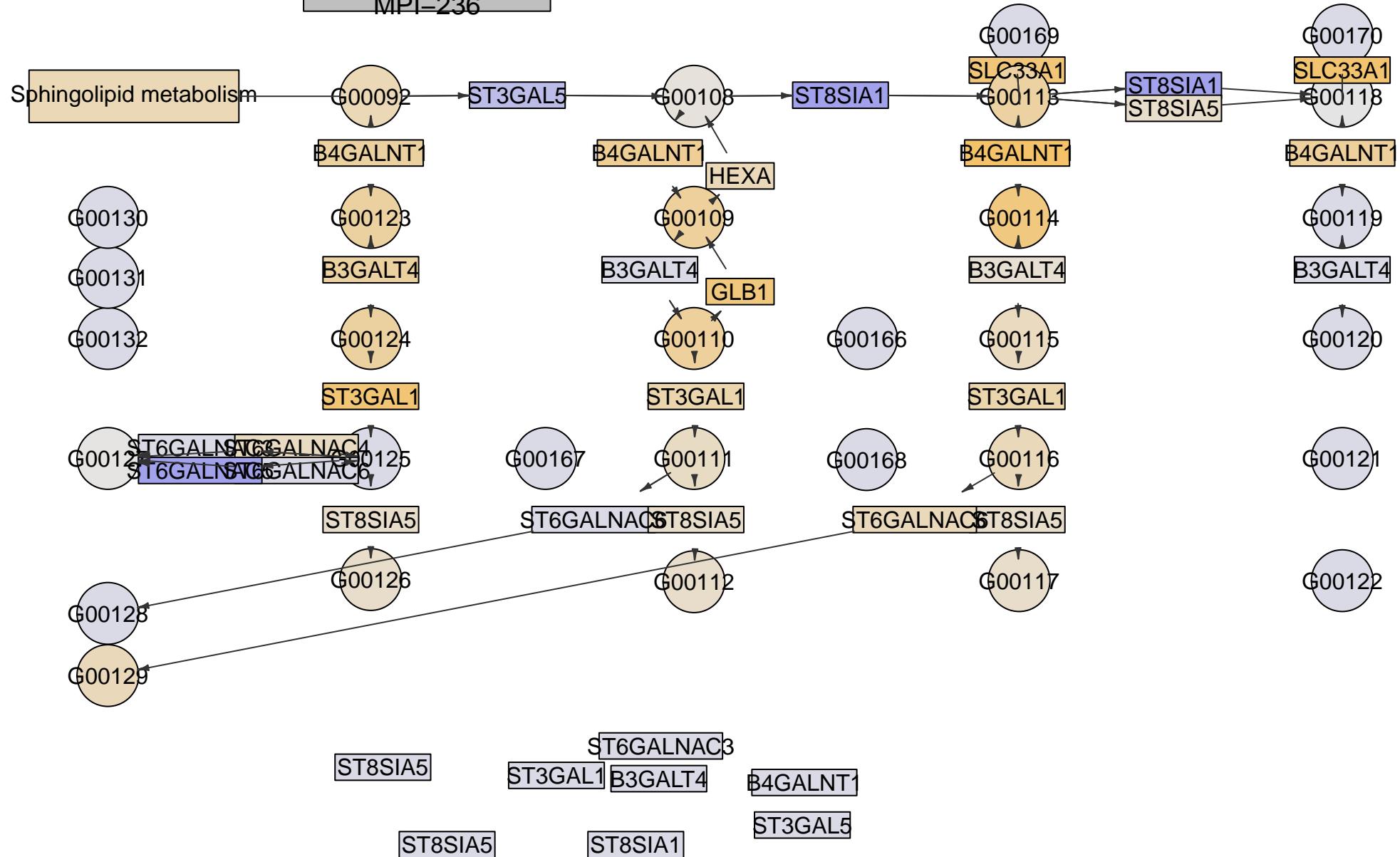
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-234



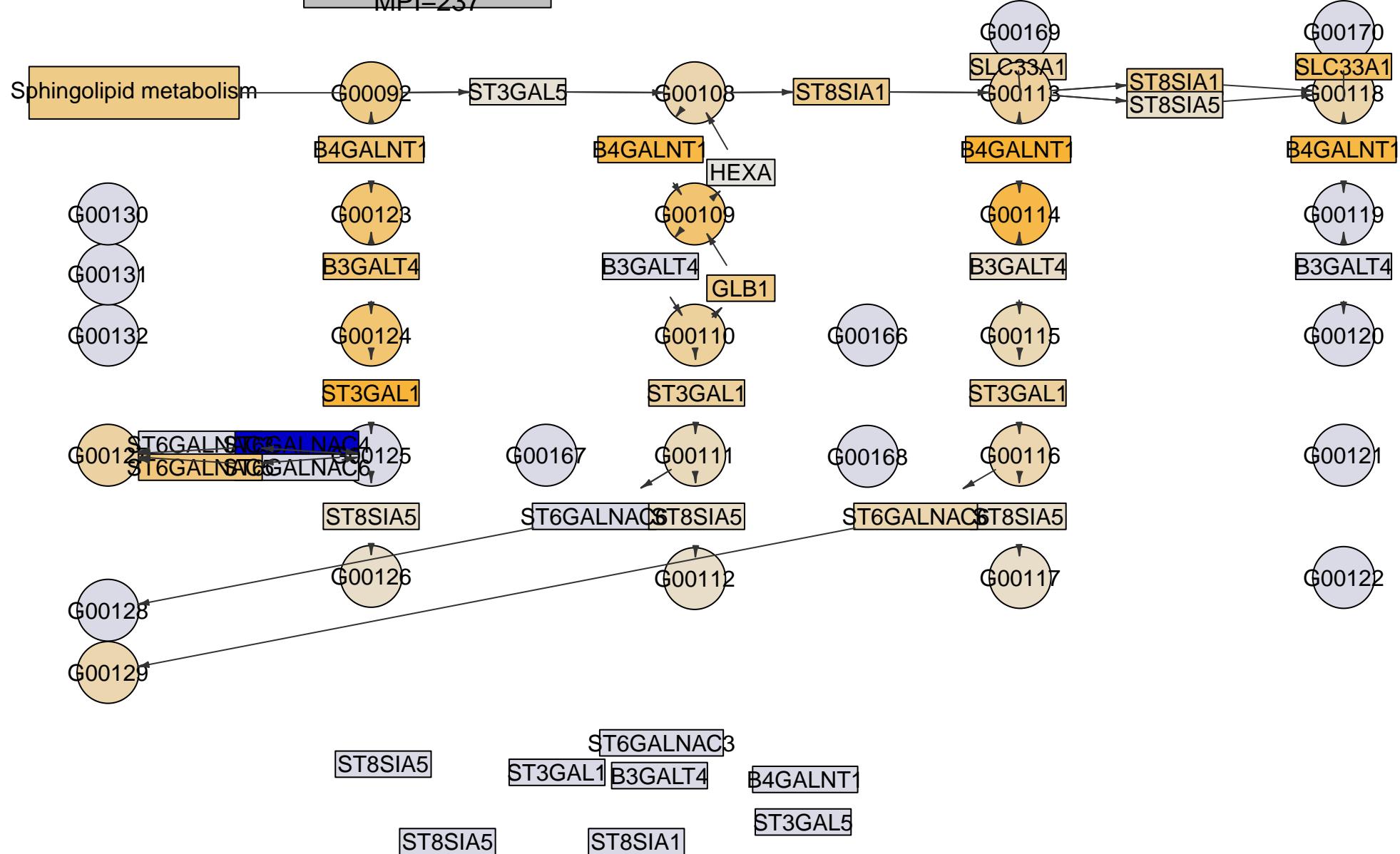
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-235



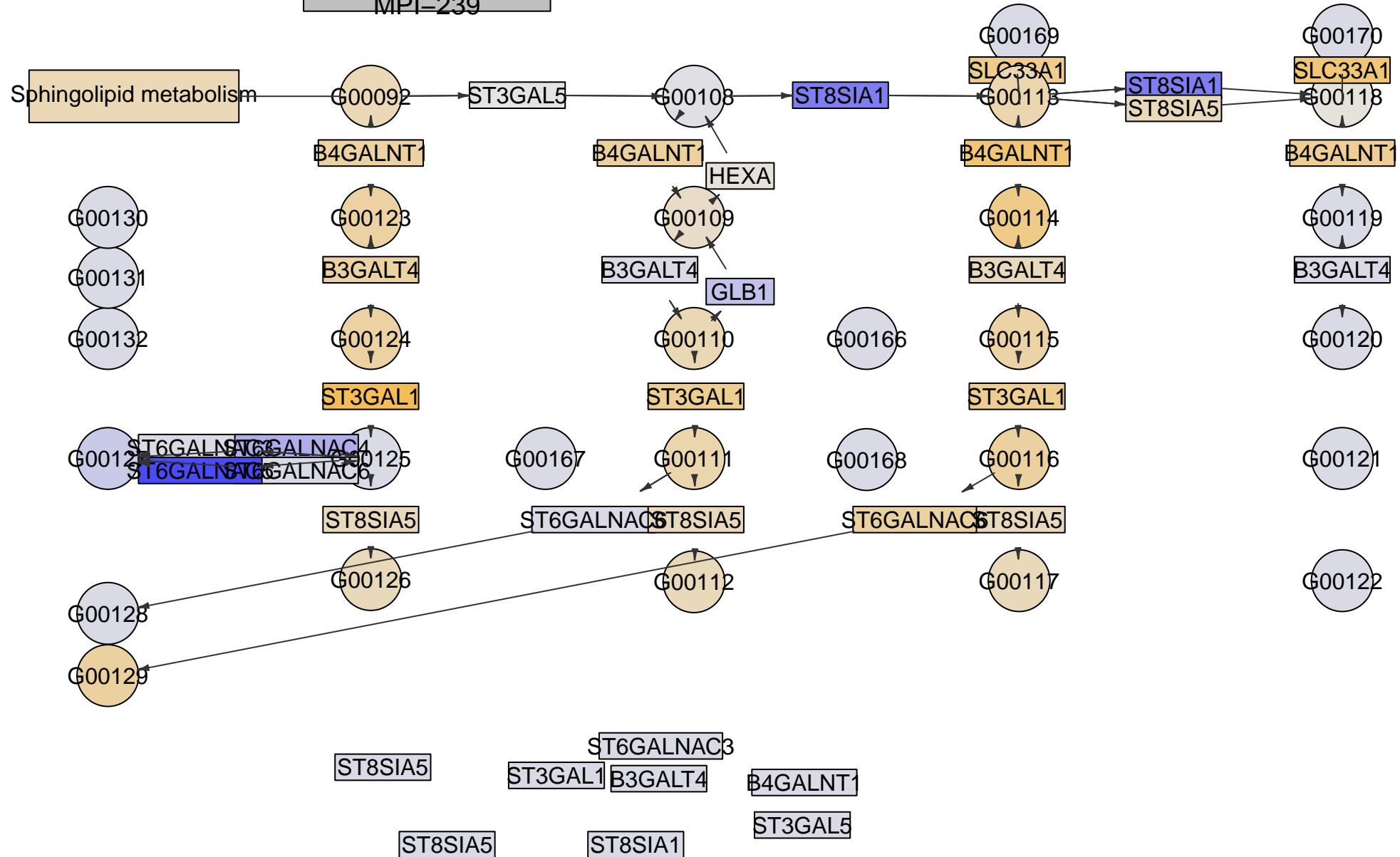
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-236



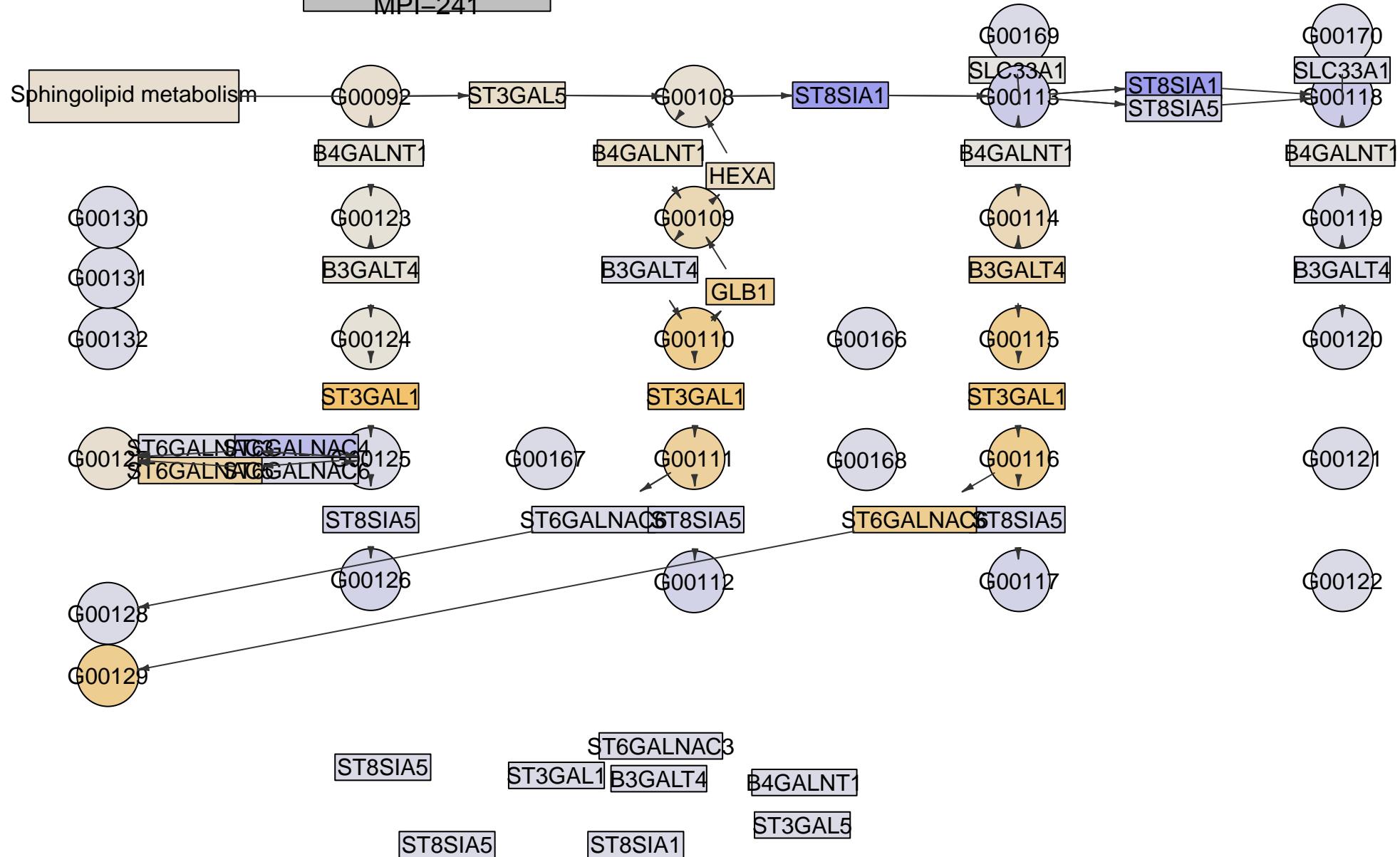
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-237



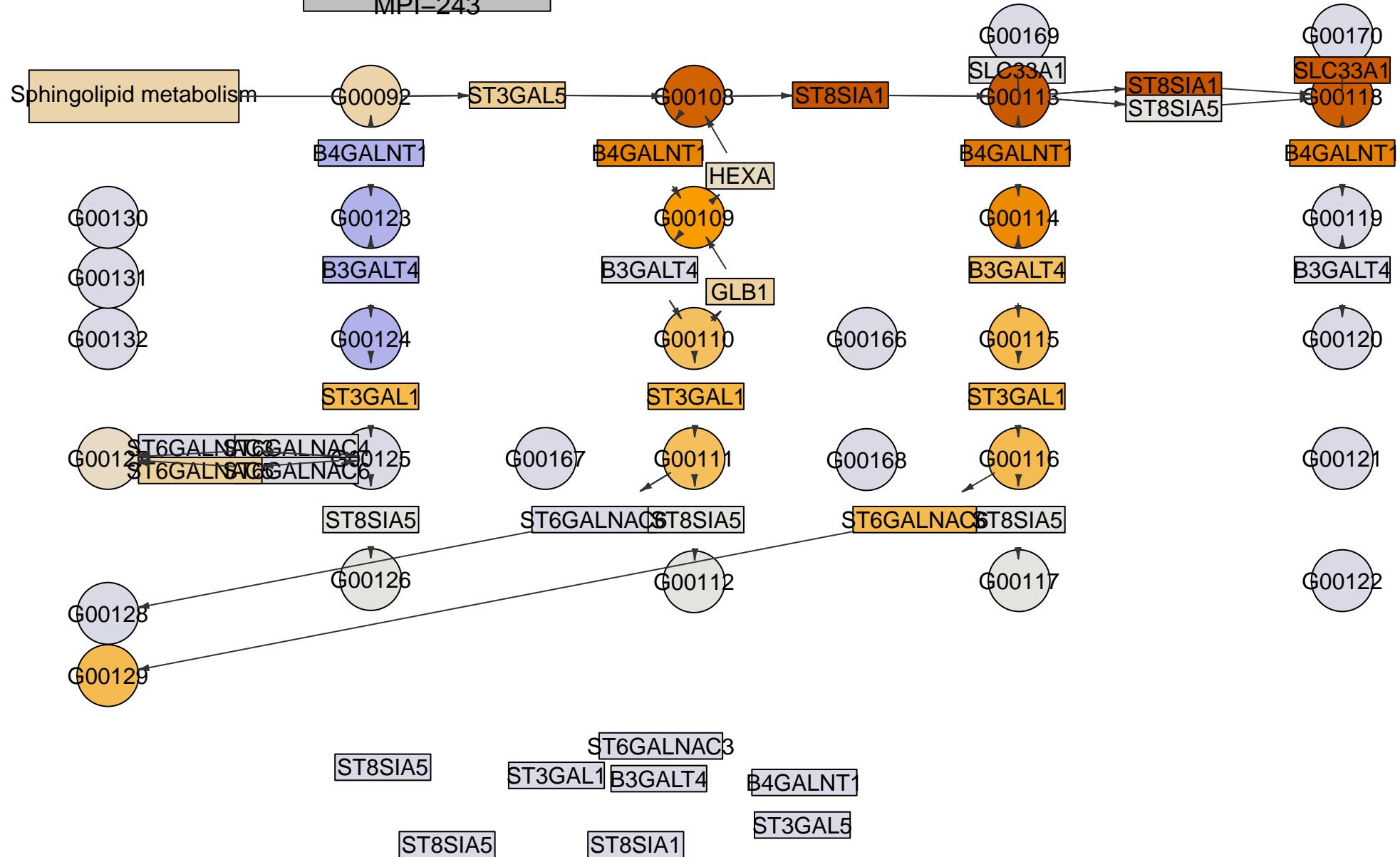
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-239



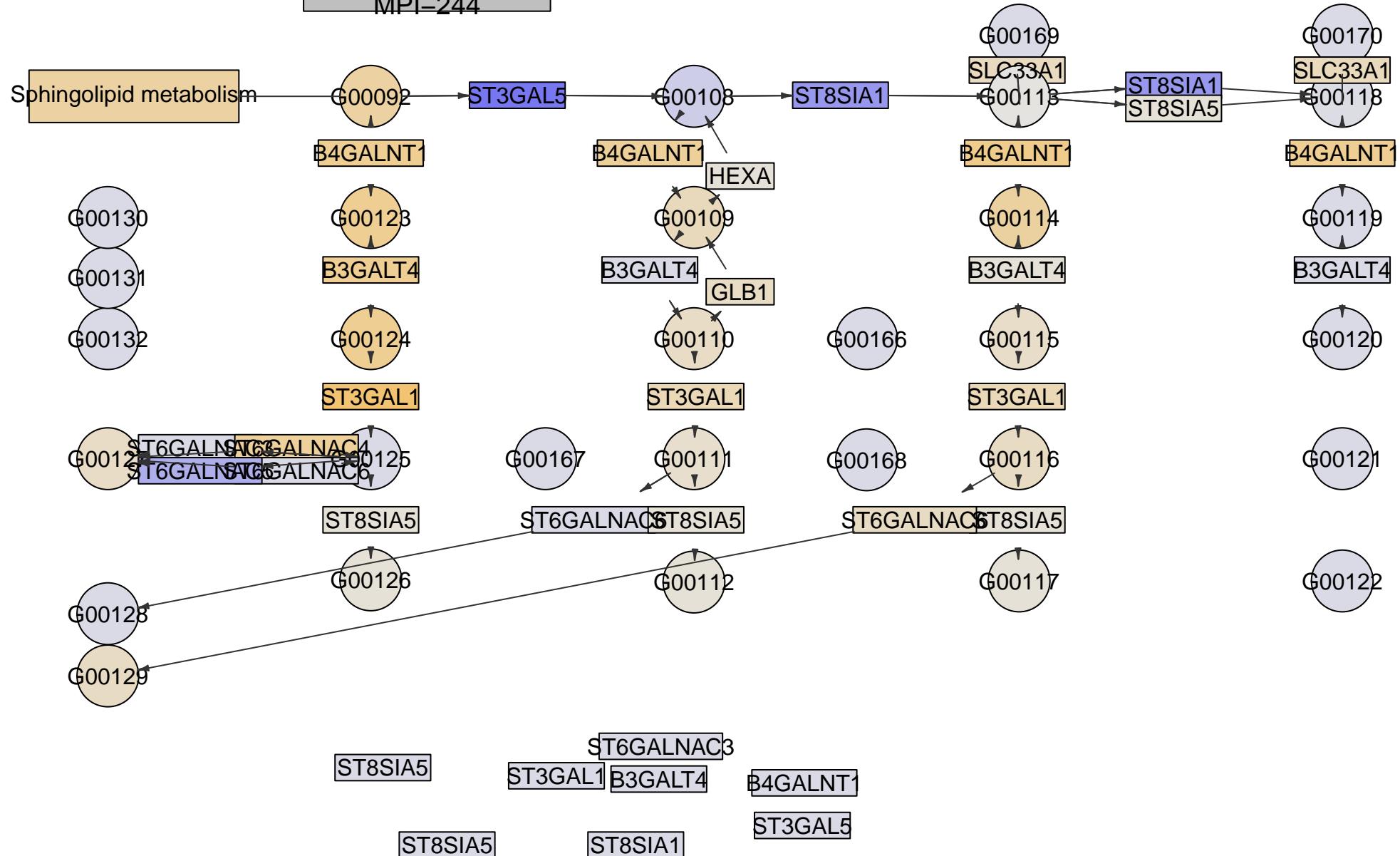
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-241



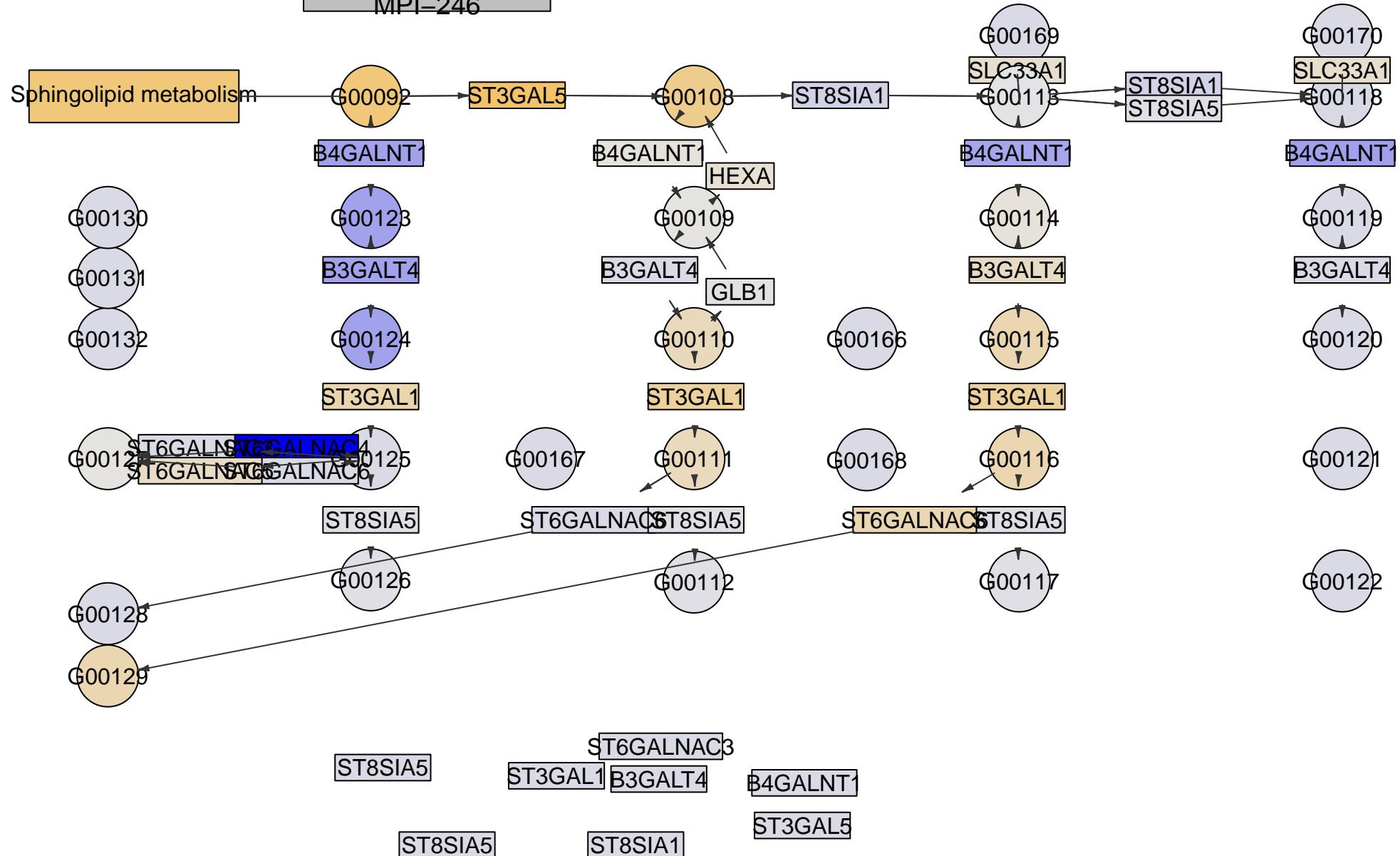
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-243



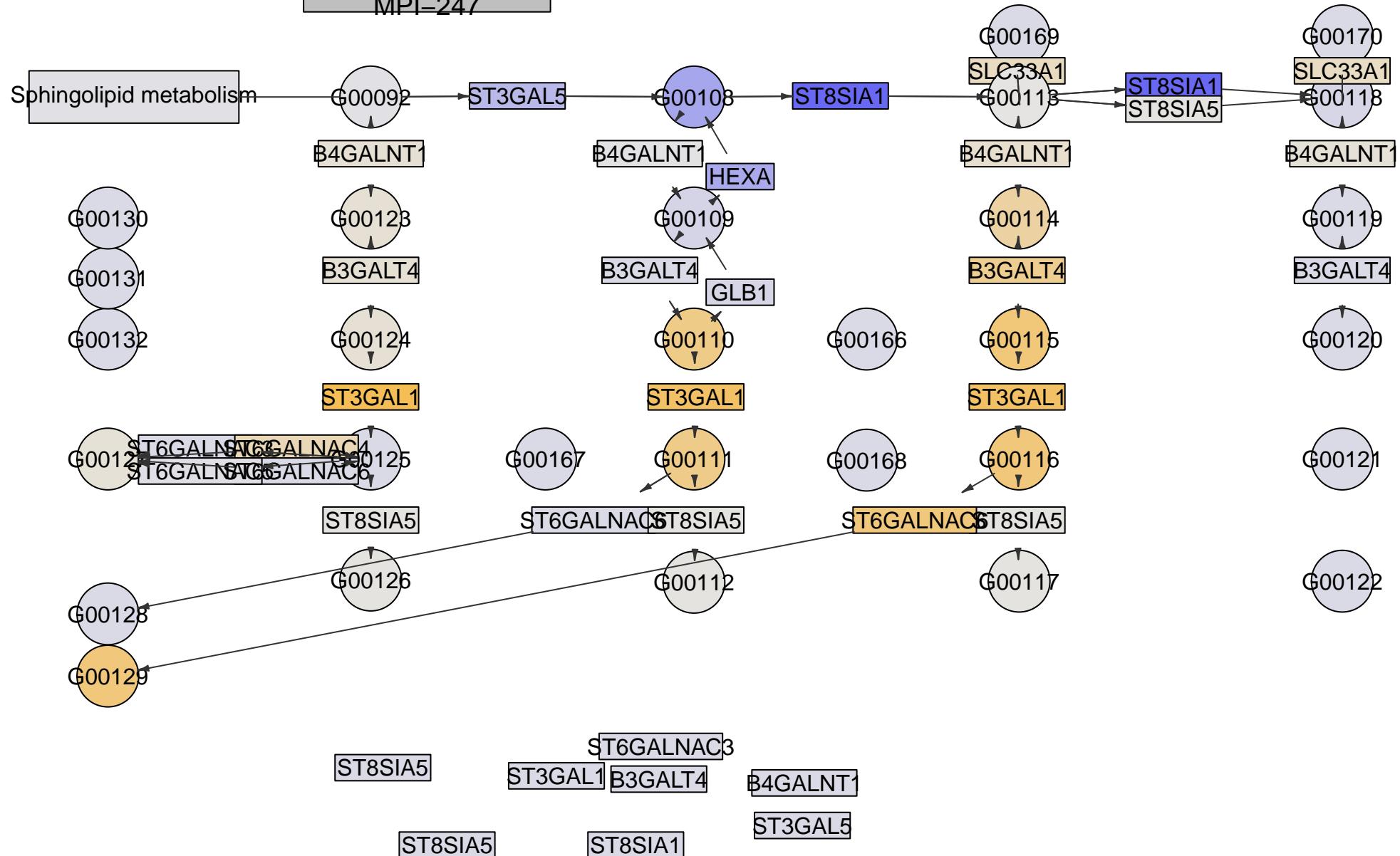
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-244



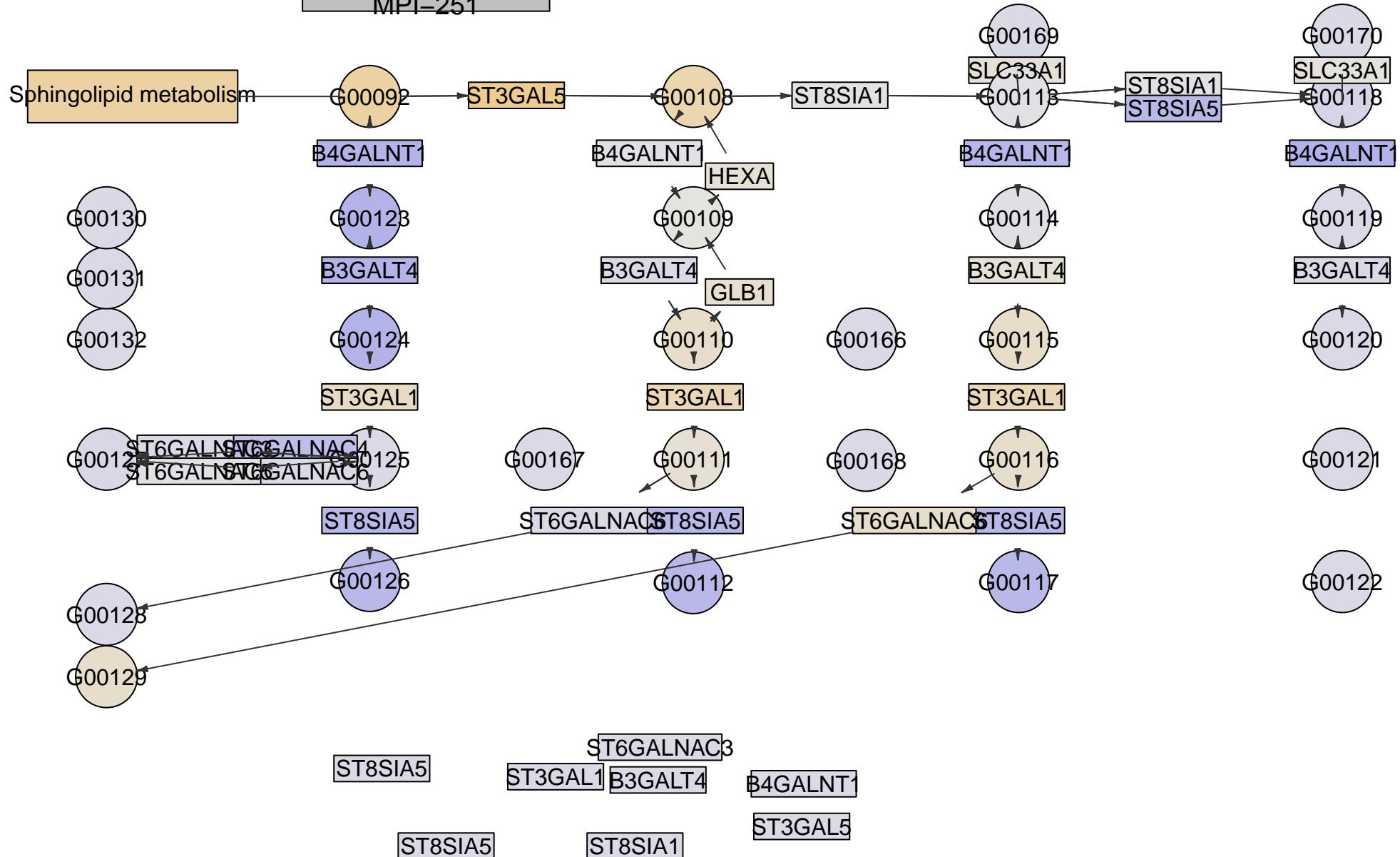
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-246



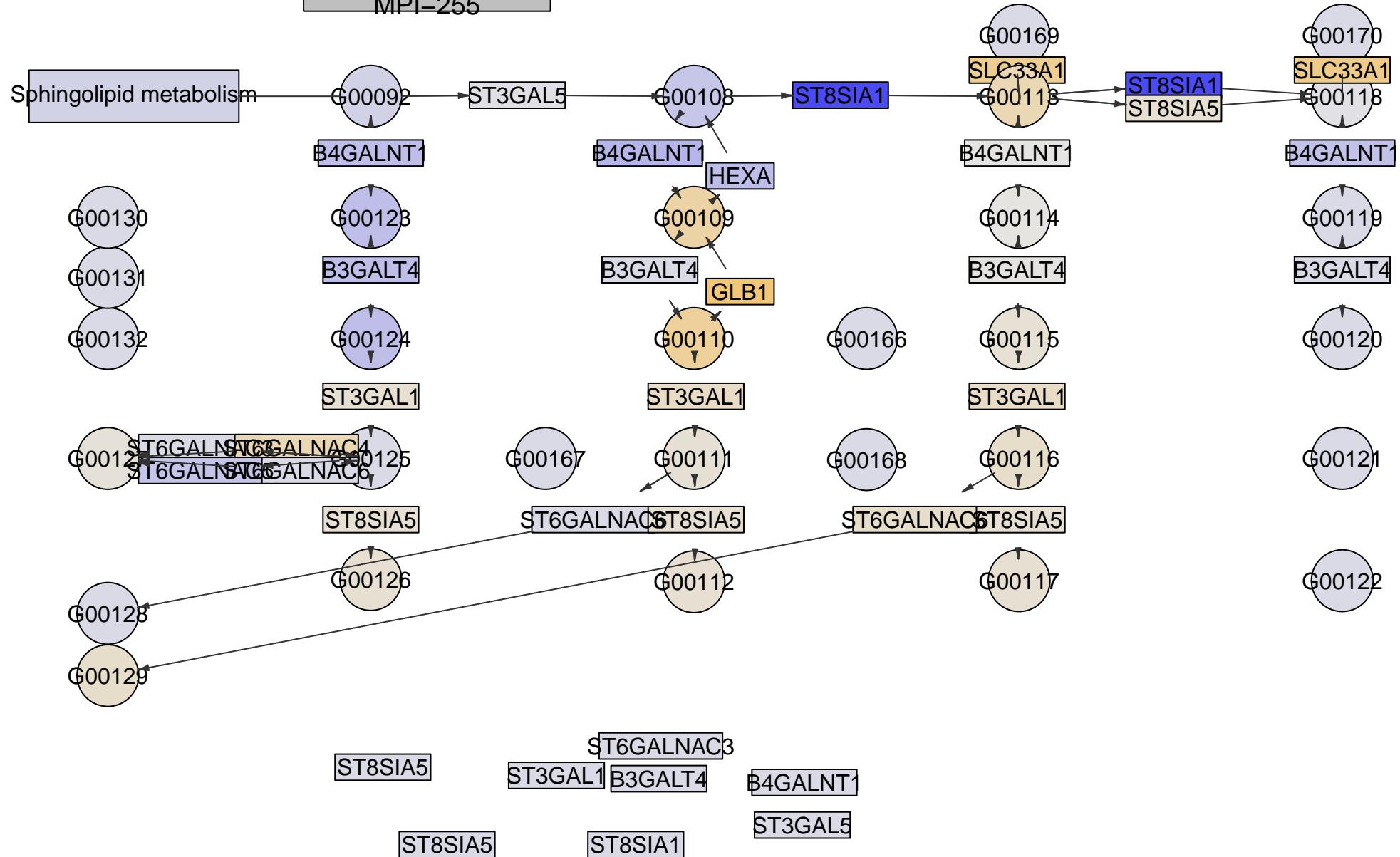
Glycosphingolipid biosynthesis –  
ganglio series  
MPI-247



Glycosphingolipid biosynthesis –  
ganglio series  
MPI-251



Glycosphingolipid biosynthesis –  
ganglio series  
MPI-255



Glycosphingolipid biosynthesis –  
ganglio series  
MPI-223b

