

QueryId	Pattern	Shape	Type constraints	Label constraints
0	(a)	--		
1	(a)-->(b)	--		
2	(a)-->(b)-->(c)	--		
3	(a:Person)-->(b:Tag)<--(c:Forum)	--		yes
4	(a:Person)-->(b:Tag)<--(c:Forum)-->(d:Person)	--		yes
5	(a)-[:LIKES]->(b)-[:HAS_CREATOR]->(c)	--	yes	
6	(a)-[:CONTAINER_OF]->(b)-[:HAS_TAG]->(c)	--	yes	
7	(b)<-[:CONTAINER_OF]-(c)-[:HAS_MODERATOR]->(a)-[:HAS_INTEREST]->(d)	--	yes	
8	(a)-[:HAS_CREATOR]->(b)<-[:HAS_MODERATOR]-(c)	--	yes	
9	(x)<--(y)<-[:IS_LOCATED_IN]-(z)	--	yes	
10	(a:Person)-[:LIKES]->(b:Message)-[:HAS_CREATOR]->(c:Person)	--	yes	yes (redundant)
11	(a:Forum)-[:CONTAINER_OF]->(b:Post)-[:HAS_TAG]->(c:Tag)	--	yes	yes (redundant)
12	(b:Post)<-[:CONTAINER_OF]-(c:Forum)-[:HAS_MODERATOR]->(a:Person), (a)-[:HAS_INTEREST]->(d:Tag)	--	yes	yes (redundant)
13	(a:Comment)-[:HAS_CREATOR]->(b:Person)<-[:HAS_MODERATOR]-(c:Forum)	--	yes	yes
14	(p:Person:Post)	--		yes (disjoint)
15	(x)-->(p:Comment:University)<--(y)			yes (disjoint)
16	(c)-->(d)-->(e:Country:Continent)			yes (disjoint)
17	(x:Message:Post)	--		yes (sublabels)
18	(x:Company:Organisation)<-[:WORK_AT]-(p)	--	yes	yes (sublabels)
19	(p)-[:IS_LOCATED_IN]->(x:Continent:Place)	--	yes	yes (sublabels)
20	(p2:Person)-->(p1)-[:LIKES]->(c)-[:REPLY_OF]->(x)	--	yes	yes
21	(c3)-[:IS_PART_OF]->(c2)<-[:IS_PART_OF]-(c1:Country)	--	yes	yes
22	(c4)-[:IS_LOCATED_IN]->(c3)-[:IS_PART_OF]->(c2)<-[:IS_PART_OF]-(c1:Country)	--	yes	yes
23	(p1)-[:HAS_INTEREST]->(t)-[:IS_LOCATED_IN]->(p2)	--	yes	
24	(c1)-[:REPLY_OF]->(c2)-[:STUDY_AT]->(u)	--	yes	
25	(p:Person)-[:IS_LOCATED_IN]->(x:Continent:Place)	--	yes	yes
26	(c)<-[:HAS_TYPE]-(t)-->(x)	--	yes	