



GO-elite filtering results: Theoretical GO tree with GO paths (black text).

Blue text represents theoretical z-scores. Red Boxes indicate the "reported significant term".  
 Note: if the GO paths, A.B.2 and A.C.1 linked to the same GO ID, only A.B would be reported, therefore, 16 paths would be reduced to 5 GO IDs.

Step 1) Build all possible parent-child relationships.

Step 2) Find parents from this list more significant (see score options) than all of their children

Step 3) Find the most significant child terms (downstream of the last bifurcation)

Step 4) Eliminate terms from step 3 that are children of any other term from step 3

Step 5) Report the most significant parent OR child terms