

Supplemental Table 2. Pathways analyzed in the distribution of pathway connections analysis.

Pathway	Number of pathway steps
de novo biosynthesis of pyrimidineribonucleotides	10
Glycolysis_1	8
Menaquinone biosynthesis	8
Phospholipid biosynthesis 2	9
Serine isocitrate pwy	14
Arginine degradation 2	7
Glucosinolate from tryptophan	8
Histidine_biosynthesis	10
Mevalonate biosynthesis	8
Photorespiration	9
Starch_biosynthesis	6
Chorismate biosynthesis	7
Glycerol degradation 2	8
Jasmonic acid biosynthesis	8
Phenylalanine-degradation 1	9
Proto- and siroheme biosynthesis	13
Tryptophan_biosynthesis	6