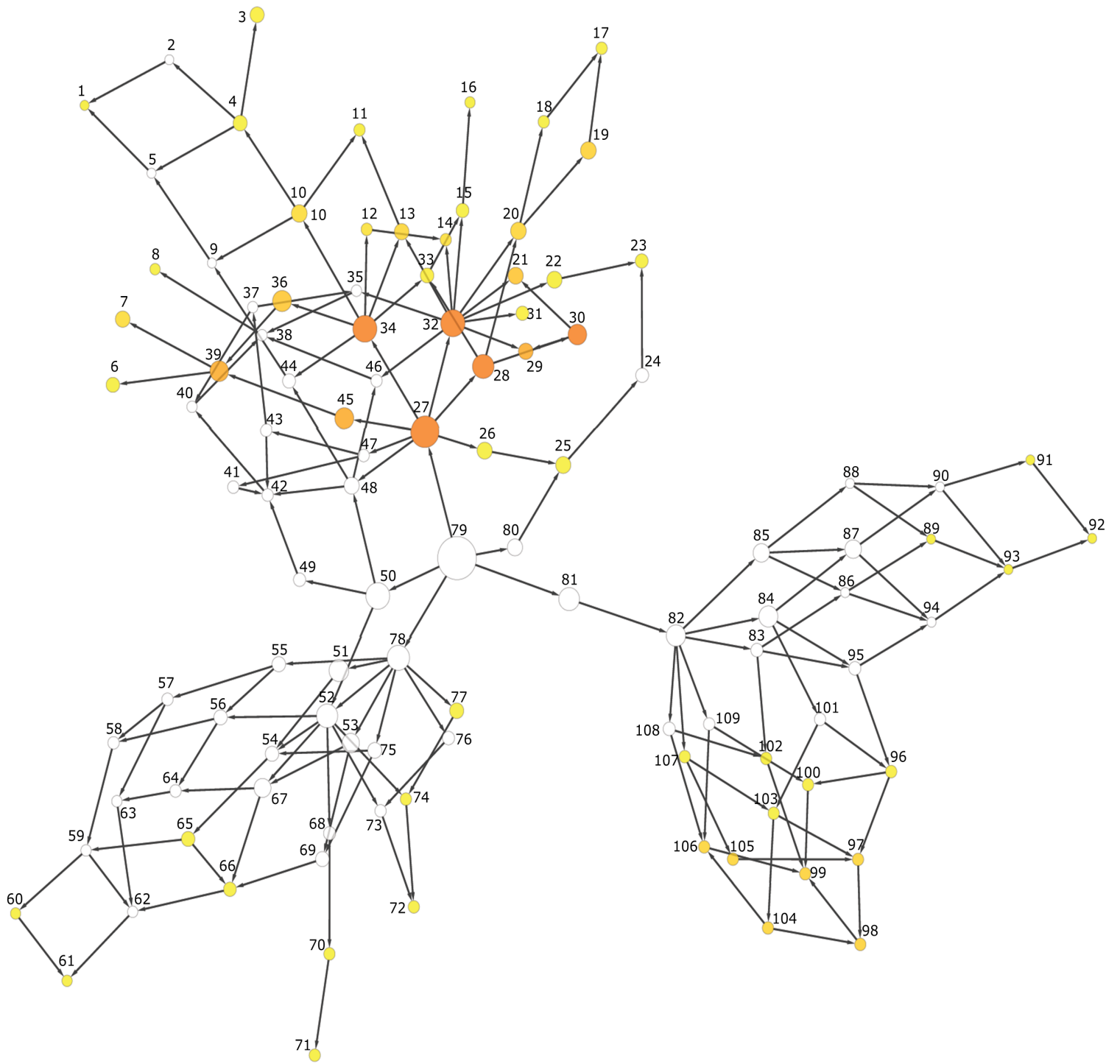


**A**

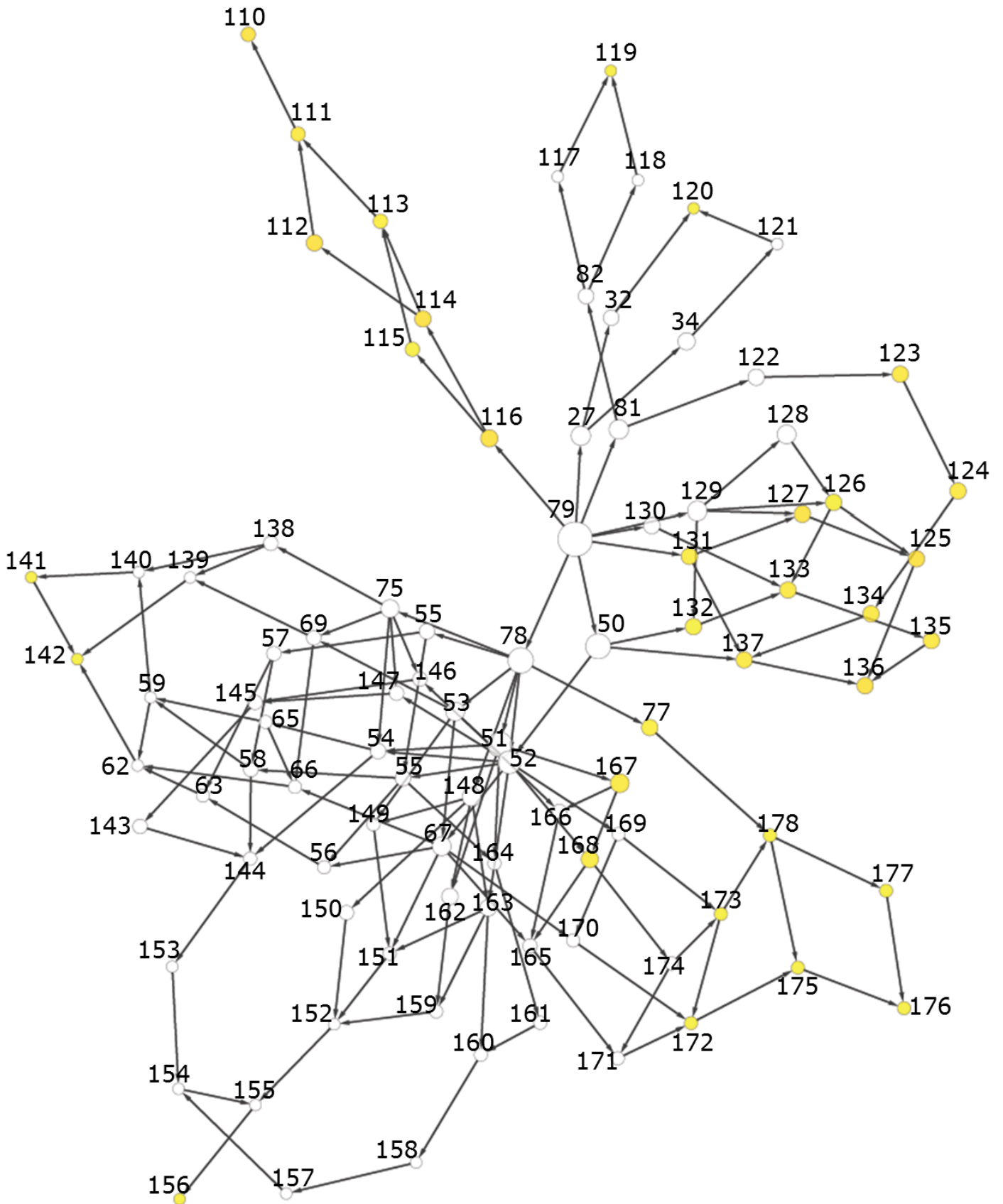


$5.00E-2$

$< 5.00E-7$



**B**



1. cellular response to selenium ion	2. response to selenium ion
3. response to cadmium ion	4. response to metal ion
5. cellular response to metal ion	6. response to auxin stimulus
7. response to abscisic acid stimulus	8. cellular response to sulfate starvation
9. cellular response to inorganic substance	10. response to inorganic substance
11. response to reactive oxygen species	12. response to oxygen levels
13. response to oxidative stress	14. response to hypoxia
15. response to water deprivation	16. response to desiccation
17. hyperosmotic salinity response	18. hyperosmotic response
19. response to salt stress	20. response to osmotic stress
21. response to cold	22. defense response
23. defense response to bacterium	24. response to bacterium
25. response to other organism	26. response to biotic stimulus
27. response to stimulus	28. response to abiotic stimulus
29. response to heat	30. response to temperature stimulus
31. response to wounding	32. response to stress
33. response to water	34. response to chemical stimulus
35. response to starvation	36. response to organic substance
37. response to nutrient levels	38. cellular response to starvation
39. response to hormone stimulus	40. cellular response to nutrient levels
41. cellular response to external stimulus	42. cellular response to extracellular stimulus
43. response to extracellular stimulus	44. cellular response to chemical stimulus
45. response to endogenous stimulus	46. cellular response to stress
47. response to external stimulus	48. cellular response to stimulus
49. cell communication	50. cellular process
51. primary metabolic process	52. cellular metabolic process
53. biosynthetic process	54. cellular amino acid and derivative metabolic process
55. nitrogen compound metabolic process	56. cellular nitrogen compound metabolic process
57. amine metabolic process	58. cellular amine metabolic process
59. cellular biogenic amine metabolic process	60. polyamine metabolic process
61. polyamine biosynthetic process	62. cellular biogenic amine biosynthetic process
63. amine biosynthetic process	64. cellular nitrogen compound biosynthetic process
65. cellular amino acid derivative metabolic process	66. cellular amino acid derivative biosynthetic process
67. cellular biosynthetic process	68. generation of precursor metabolites and energy
69. small molecule biosynthetic process	70. energy derivation by oxidation of organic compounds
71. cellular respiration	72. toxin catabolic process
73. cellular catabolic process	74. toxin metabolic process
75. small molecule metabolic process	76. catabolic process
77. secondary metabolic process	78. metabolic process
79. biological process	80. multi-organism process
81. biological regulation	82. regulation of biological process
83. negative regulation of biological process	84. regulation of cellular process
85. regulation of metabolic process	86. negative regulation of metabolic process
87. regulation of cellular metabolic process	88. regulation of catabolic process
89. negative regulation of catabolic process	90. regulation of cellular catabolic process
91. regulation of autophagy	92. negative regulation of autophagy

93. negative regulation of cellular catabolic process	94. negative regulation of cellular metabolic process
95. negative regulation of cellular process	96. negative regulation of cell communication
97. negative regulation of signal transduction	98. negative regulation of two-component signal transduction system (phosphorelay)
99. negative regulation of ethylene mediated signaling pathway	100. negative regulation of signaling pathway
101. regulation of cell communication	102. negative regulation of response to stimulus
103. regulation of signal transduction	104. regulation of two-component signal transduction system (phosphorelay)
105. negative regulation of signaling process	106. regulation of ethylene mediated signaling pathway
107. regulation of signaling process	108. regulation of response to stimulus
109. regulation of signaling pathway	110. plant-type cell wall loosening
111. plant-type cell wall modification	112. cell wall modification
113. plant-type cell wall organization	114. cell wall organization
115. plant-type cell wall organization or biogenesis	116. cell wall organization or biogenesis
117. regulation of circadian rhythm	118. positive regulation of biological
119. positive regulation of circadian rhythm	120. response to herbicide
121. response to toxin	122. regulation of biological quality
123. regulation of anatomical structure size	124. regulation of cellular component size
125. developmental growth involved in morphogenesis	126. anatomical structure morphogenesis
127. developmental growth	128. anatomical structure development
129. developmental process	130. cellular component organization
131. growth	132. cellular developmental process
133. cellular component morphogenesis	134. regulation of cell size
135. cell morphogenesis	136. unidimensional cell growth
137. cell growth	138. alcohol metabolic process
139. alcohol biosynthetic process	140. ethanolamine and derivative metabolic process
141. choline metabolic process	142. choline biosynthetic process
143. carboxylic acid metabolic process	144. cellular amino acid metabolic process
145. oxoacid metabolic process	146. organic acid metabolic process
147. cellular ketone metabolic process	148. macromolecule metabolic process
149. macromolecule biosynthetic process	150. gene expression
151. cellular macromolecule biosynthetic process	152. translation
153. amino acid activation	154. tRNA aminoacylation
155. tRNA aminoacylation for protein translation	156. leucyl-tRNA aminoacylation
157. tRNA metabolic process	158. ncRNA metabolic process
159. cellular protein metabolic process	160. RNA metabolic process
161. nucleic acid metabolic process	162. protein metabolic process
163. cellular macromolecule metabolic process	164. nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
165. cellular carbohydrate biosynthetic process	166. carbohydrate biosynthetic process
167. carbohydrate metabolic process	168. cellular carbohydrate metabolic process
169. sulfur metabolic process	170. sulfur compound biosynthetic process
171. glycoside biosynthetic process	172. S-glycoside biosynthetic process

173. S-glycoside metabolic process	174. glycoside metabolic process
175. glucosinolate biosynthetic process	176. glucosinolate biosynthetic process
177. glucosinolate metabolic process	178. glucosinolate metabolic process