1. Defence responses  
2. Redox  
3. Cytochrome P450  
4. Lipid biosynthesis and metabolism  
5. Fatty acid biosynthesis  
6. Oxylin biosynthesis and signalling  
7. Signal transduction  
8. Calcium signalling  
9. Ethylene biosynthesis and signalling  
10. IAA synthesis and signalling  
11. Salicylic acid biosynthesis  
12. Protein modification and proteolysis  
13. Translation  
14. Transcription regulation  
15. DNA repair and replication  
16. Cytoskeleton organization  

17. Cell division and development  
18. Nucleoside/nucleotide metabolism  
19. RNA modification  
20. Respiration  
21. Photosynthesis  
22. Chlorophyll biosynthesis and metabolism  
23. Carbohydrate biosynthesis and metabolism  
24. Acetyl-CoA biosynthesis  
25. Sulfur metabolism  
26. Flavonoid biosynthesis  
27. Tryptophan, glucosinolates and camalexin synthesis  
28. Cell wall modification  
29. Transport  
30. Ankyrin repeat  
31. DUF231 proteins