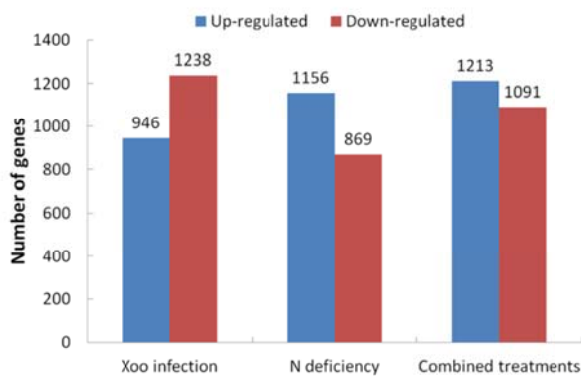


Appendix A Biomass changed at N deficiency (0.3 mmol L⁻¹) in rice

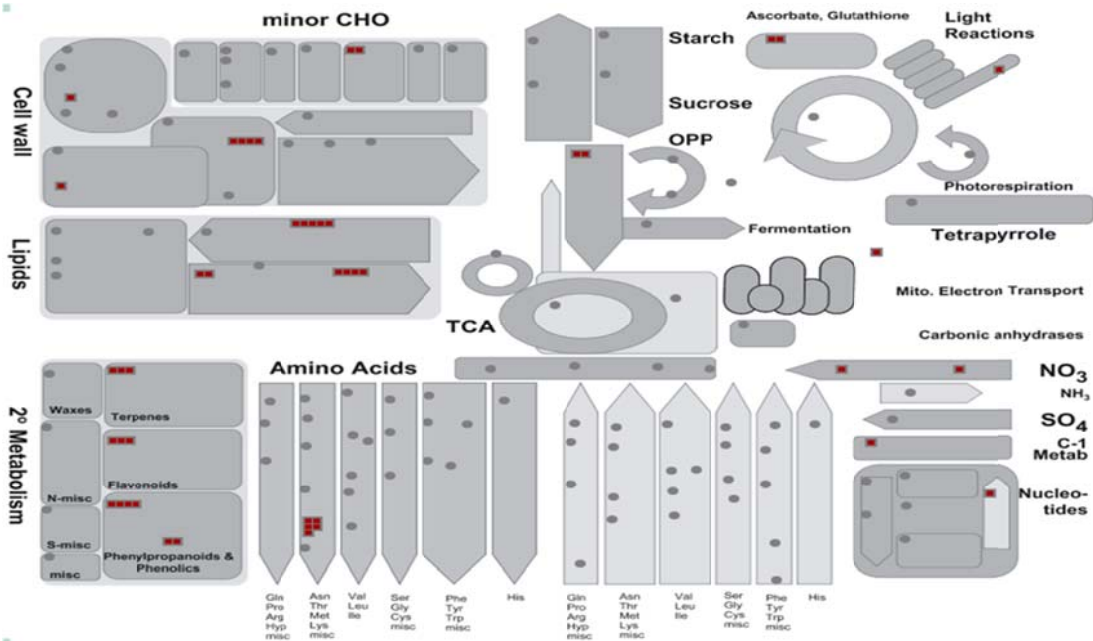
Weight	NO ₃ ⁻ (mmol L ⁻¹)	Tissues	Mean (g) ±STD	Root: Shoot	Total weight (g)	Ratio (0.3 mmol L ⁻¹ :3 mmol L ⁻¹)
Fresh	0.3	Root	3.99±0.89	1.29	7.08	49.96%
		Shoot	3.09±0.40			
	3	Root	5.53±1.65	0.64	14.17	
		Shoot	8.64±1.18			
Dry	0.3	Root	0.77±0.16	0.56	2.14	42.46%
		Shoot	1.38±0.14			
	3	Root	1.13±0.22	0.29	5.04	
		Shoot	3.91±0.43			



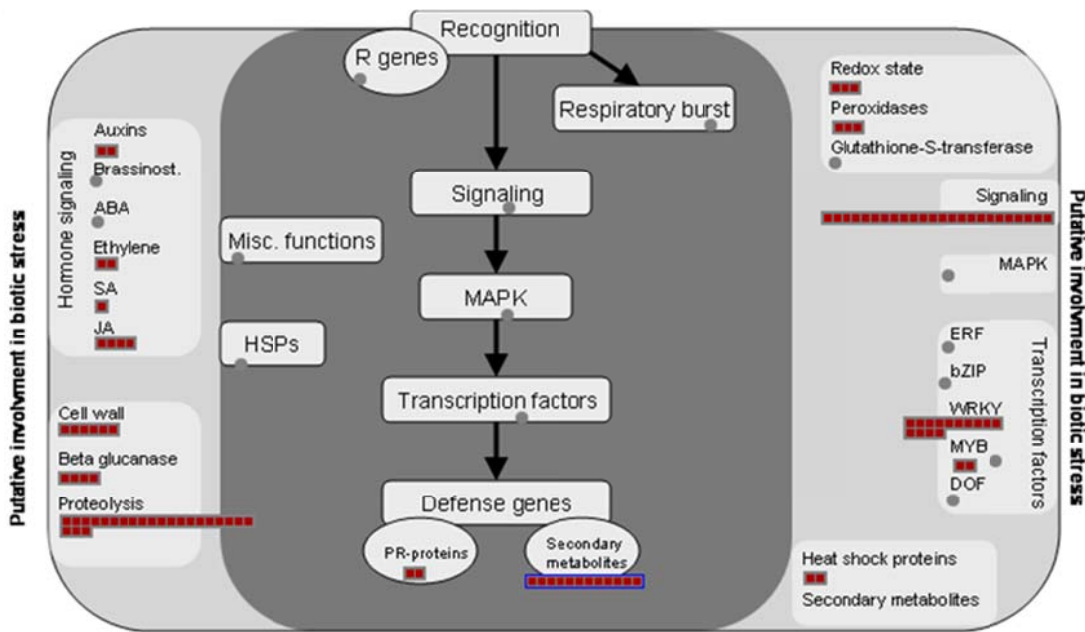
Appendix B. Rice plants grown at different N conditions.



Appendix C. Changes in gene expression at different stress treatments.



Appendix D. Metabolism overview of overlapping DEGs. DEGs are represented with red squares.



Appendix E. Biotic stress overview of overlapping DEGs. DEGs are represented with red squares.