

**Table S4.** GO enrichment analysis results of DEGs

<b>GO term</b>	<b>GO annotation</b>	<b>Mc FDR</b>	<b>V671 FDR</b>
GO:0045735	F nutrient reservoir activity	2.00E-24	-
GO:0004866	F endopeptidase inhibitor activity	3.30E-07	
GO:0030414	F peptidase inhibitor activity	3.30E-07	
GO:0004857	F enzyme inhibitor activity	2.20E-06	-
GO:0004867	F serine-type endopeptidase inhibitor activity	0.00012	
GO:0030234	F enzyme regulator activity	0.0039	-
GO:0016798	F hydrolase activity, acting on glycosyl bonds	0.026	
GO:0005975	P carbohydrate metabolic process		0.0013
GO:0044262	P cellular carbohydrate metabolic process		0.0036
GO:0006073	P cellular glucan metabolic process		0.046
GO:0071103	P DNA conformation change		0.046
GO:0065004	P protein-DNA complex assembly		0.046
GO:0006952	P defense response		0.046
GO:0034728	P nucleosome organization		0.046
GO:0044042	P glucan metabolic process		0.046
GO:0031497	P chromatin assembly		0.046
GO:0006334	P nucleosome assembly		0.046
GO:0006323	P DNA packaging	-	0.046
GO:0016762	F xyloglucan:xyloglucosyl transferase activity		0.015
GO:0004553	F hydrolase activity, hydrolyzing O-glycosyl compounds		0.039
GO:0030312	C external encapsulating structure	-	0.023
GO:0005618	C cell wall		0.023
GO:0000786	C nucleosome		0.023
GO:0032993	C protein-DNA complex	-	0.023