

Table S3. Differentially abundant proteins (DAPs) involved in starch and sucrose metabolism.

Position	Protein ID	Fold change	P value	Protein description
Tiller bud	evm.model.ctg415.34	1.736	0.002	Beta-glucosidase, GLU
	evm.model.ctg657.24	5	0	1,4- α -glucan branching enzyme, GBE1
	evm.model.ctg461.16	-1.385	0.001	Glycosyl hydrolase family 9, GH9
	evm.model.ctg280.94	-1.995	0.003	Beta-amylase, β AMY
Stem node	evm.model.ctg238.107	5	0	Beta-amylase, β AMY
	evm.model.ctg288.2	5	0	Trehalose-6-phosphate synthase, TPS
	evm.model.ctg461.16	5	0	endo-1,4- β -D-glucanohydrolase, GN
	evm.model.ctg589.69	5	0	Alpha-trehalose-phosphate synthase, α -TPS
	evm.model.ctg657.24	5	0	1,4- α -glucan branching enzyme, GBE1
	evm.model.ctg415.34	2.357	0.00136	Beta-glucosidase, GLU