

The physiological role of inulin in wild cardoon (*Cynara cardunculus* L. var. *sylvestris* Lam.)

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Supplementary data

Table S1. Pearson product moment correlation coefficient (r^2) among sugars and enzymes in roots of wild cardoon. ***, **and * indicate significant at $p < 0.001$, 0.05 and 0.01, respectively, and ns not significant

	Glucose	Fructose	Sucrose	Inulin	1-SST	1-FFT	1-FEH	Invertase
Vegetative phase								
Glucose		ns ¹	ns	0.624*	ns	ns	ns	0.760**
Fructose			ns	ns	ns	ns	ns	ns
Sucrose				0.727**	0.920***	-0.843***	0.731**	ns
Inulin					0.727**	0.785**	ns	ns
1-SST						-0.888***	0.717***	ns
1-FFT							-0.653*	ns
1-FEH								ns
Invertase								
Reproductive phase								
	Glucose	Fructose	Sucrose	Inulin	1-SST	1-FFT	1-FEH	Invertase
Glucose		ns	-0.764*	ns	0.989***	ns	0.986***	0.897**
Fructose			0.900**	ns	ns	ns	ns	ns
Sucrose				0.800*	ns	ns	-0.708*	ns
Inulin					-0.706*	ns	-0.733*	ns
1-SST						ns	0.998***	0.927***
1-FFT							-0.726*	ns
1-FEH								0.909**
Invertase								