

Table S10. Summary of the genes involved in the transcriptomic changes in each rootstock-tissue at the different stress conditions.						
Rootstocks	Stress	Roots	TOTAL root	Leaves	TOTAL leaf	(TOTAL) DIF
GF677	Elev CO ₂	<i>SIP1</i> (1)	1	<i>HAT22</i> (1)	1	2
	Elev Temperature	<i>SDH, S6PDH, P5CS, DREB2, AREB2, HAT22</i> (6)	6			6
	Irrigation	<i>SDH, S6PDH, P5CS, P5CR</i> (4)	1	<i>S6PDH, SIP1, HAT22</i> (3)	2	(7) 6
	Interaction	<i>SDH, S6PDH, SIP1, AREB2</i> (4)		<i>SIP1, P5CS, P5CR, HAT22</i> (4)	2	(8) 2
	TOTAL	<i>SDH, S6PDH, SIP1, P5CS, P5CR, DREB2, AREB2, HAT22</i>	8	<i>S6PDH, SIP1, P5CS, P5CR, HAT22</i>	5	(13) 8
Adesoto	Elev CO ₂	<i>S6PDH, AREB2</i> (2)		<i>SDH, P5CR, HAT22</i> (3)	1	5
	Elev Temperature			<i>SDH</i> (1)		1
	Irrigation	<i>SDH</i> (1)		<i>P5CR</i> (1)		2
	Interaction	<i>S6PDH, PIP2</i> (2)	1	<i>SDH, P5CS, P5CR, OAT</i> (4)	1	6
	TOTAL	<i>SDH, S6PDH, PIP2, AREB2</i>	4	<i>SDH, P5CS, P5CR, HAT22, OAT</i>	5	(9) 8
TOTAL TISSUES DIFFERENT		<i>SDH, S6PDH, SIP1, P5CS, P5CR, DREB2, AREB2, HAT22, PIP2</i>	9	<i>SDH, S6PDH, SIP1, P5CS, P5CR, HAT22, OAT</i>	7	(16) 10