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Transcription Factors Encoded on Core and Accessory Chromosomes of *Fusarium oxysporum* Induce Expression of Effector Genes

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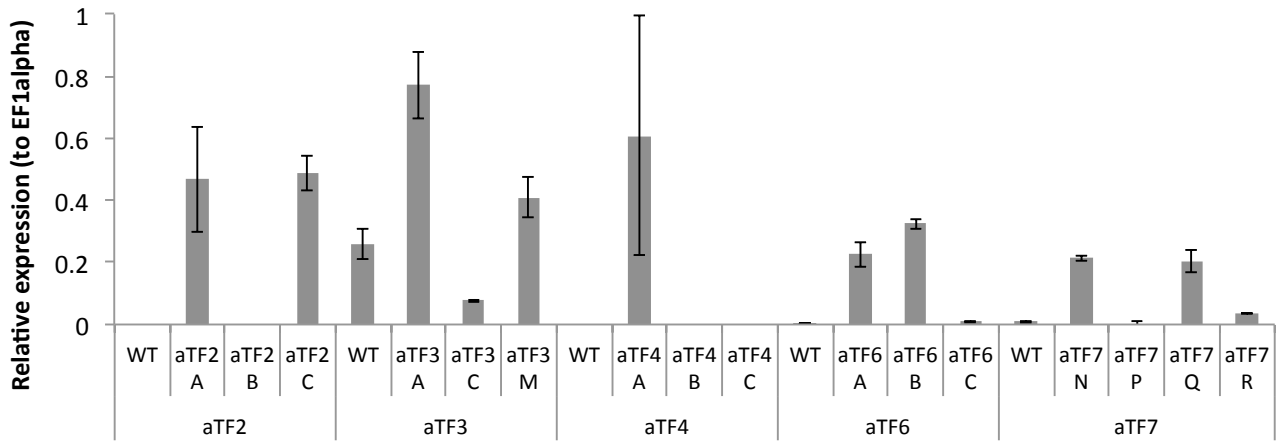
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Estimated percentage of GFP fluorescent spores in independant transformants of different transcription factor overexpression constructs

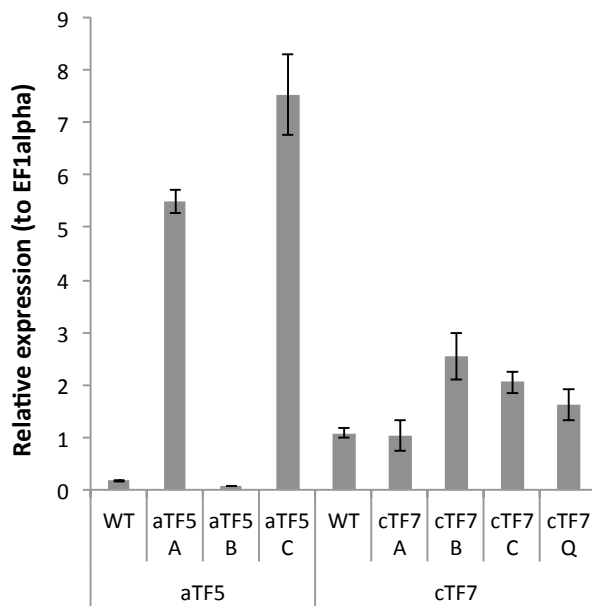
TF-construct	transformant number:																						
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
aTF1-short	5	5	10	12	2	10	10	15	1	1	1	1	20	x	5	7	20	3					
aTF1-long	100	0	1	7	100	100	0	0	1	80	40	1	1	x	1	100	0						
aTF2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
aTF3	3	3	2	2	0	1	3	2	1	1	1	1	2	0	0	1	1	1	1	2	1		
aTF4	1	1	1	1	1	0	1	1	0	0	0												
aTF5	1	1	1	1	0	2	2	1	1	1	3	1	3	1	1	1	1						
aTF6	0	0	2	2	5	1	0	1	2	1	1												
aTF7	8	6	10	5	1	10	15	1	3	10	10	5	3	15	1	15	15	10	10	7	3	1	0
cTF1	60	25	70	100	100	5	100	2	30	70	100	30	1	25	5	1	0	1	20				
cTF7	15	1	1	1	1	0	1	3	1	1	1	2	1	1	2	1	10	2					
SGE1	3	3	3	3	3	5	3	3	3	3	1	20	70	1									
Psix1GFP*	1	8	1	1	1	1	1																

x: misnumbered, transformant #N does not exist for this TF overexpression construct

*: of the background strain the same transformant was tested multiple times, each number represents therefore a replicate instead of a different transformant.

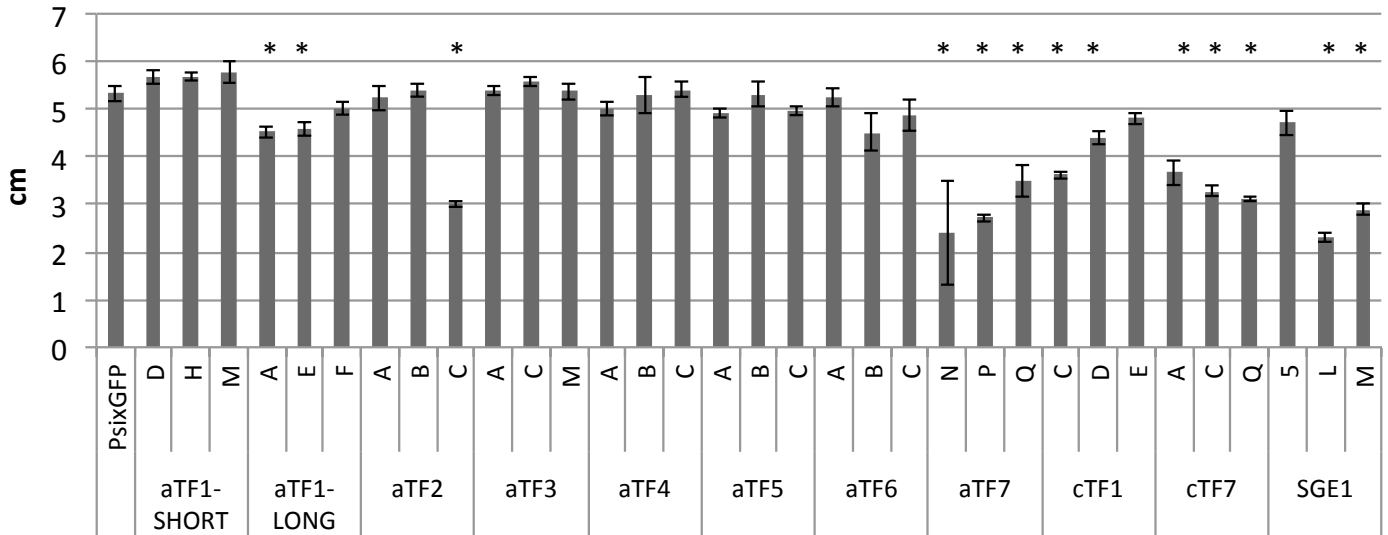


Expression of different transcription factor genes in different transformants

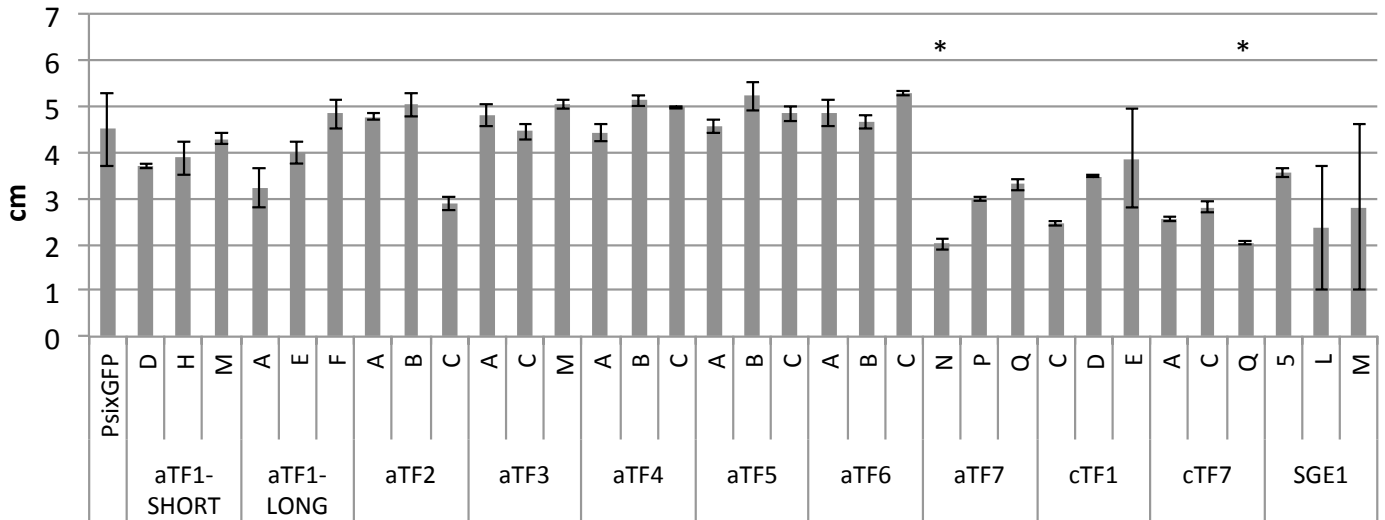


Expression of different transcription factor genes in different transformants

Colony diameter on PDA

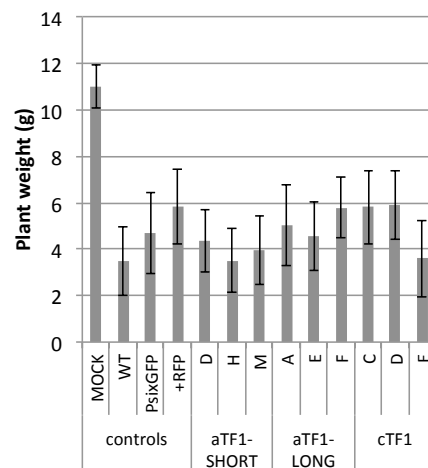
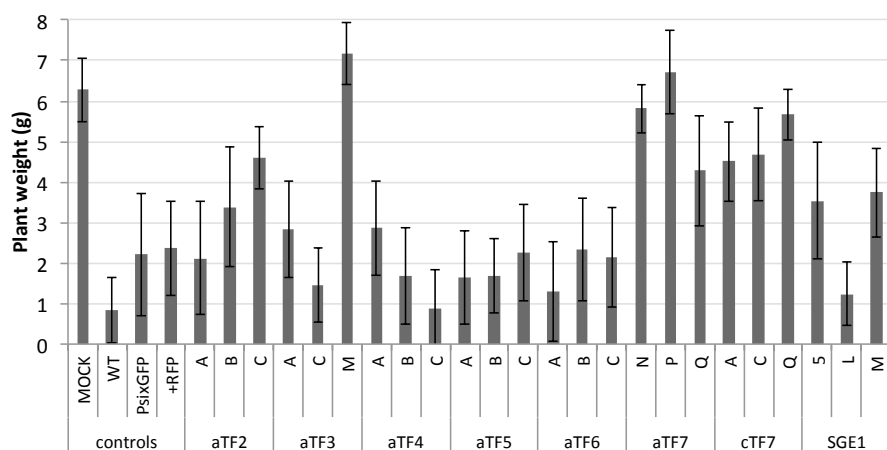


Colony diameter on CDA



* Significantly different ($p < 0.01$, T-test) to background strain (PsixGFP)

Plant weight 3 weeks post inoculation



Disease index 3 weeks post inoculation

