



## UvA-DARE (Digital Academic Repository)

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

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**DOI**

[10.1371/journal.pgen.1006401](https://doi.org/10.1371/journal.pgen.1006401)

**Publication date**

2016

**Document Version**

Other version

**Published in**

PLOS Genetics

[Link to publication](#)

**Citation for published version (APA):**

van der Does, H. C., Fokkens, L., Yang, A., Schmidt, S. M., Langereis, L., Lukasiwicz, J. M., Hughes, T. R., & Rep, M. (2016). Transcription Factors Encoded on Core and Accessory Chromosomes of *Fusarium oxysporum* Induce Expression of Effector Genes. *PLOS Genetics*, 12(11), [e1006401]. <https://doi.org/10.1371/journal.pgen.1006401>

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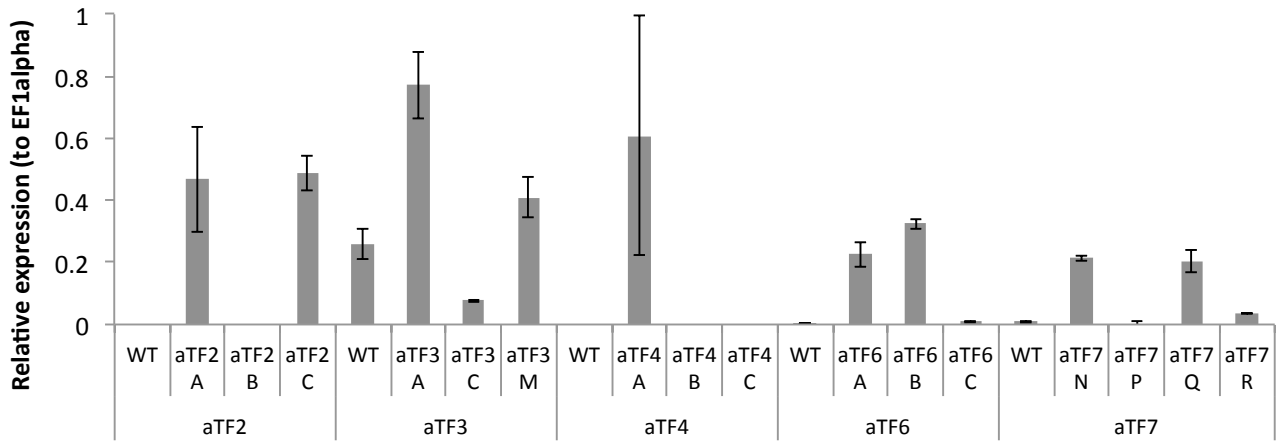
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Estimated percentage of GFP fluorescent spores in independant transformants of different transcription factor overexpression constructs

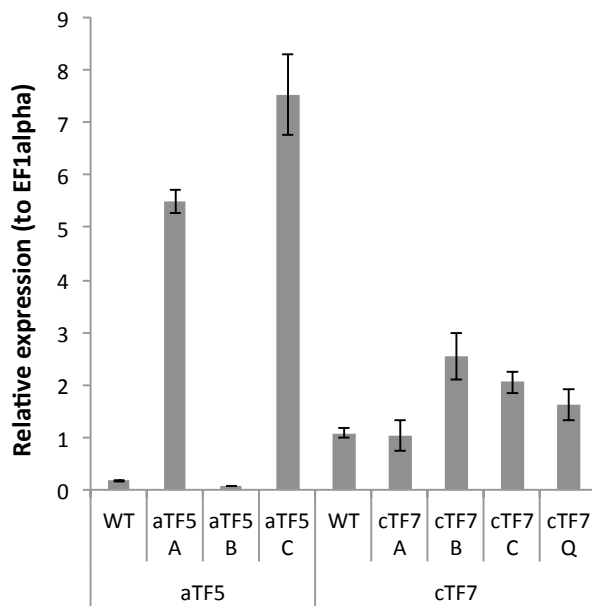
TF-construct	transformant number:																						
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
aTF1-short	5	5	10	12	2	10	10	15	1	1	1	1	20	x	5	7	20	3					
aTF1-long	100	0	1	7	100	100	0	0	1	80	40	1	1	x	1	100	0						
aTF2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
aTF3	3	3	2	2	0	1	3	2	1	1	1	1	2	0	0	1	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.



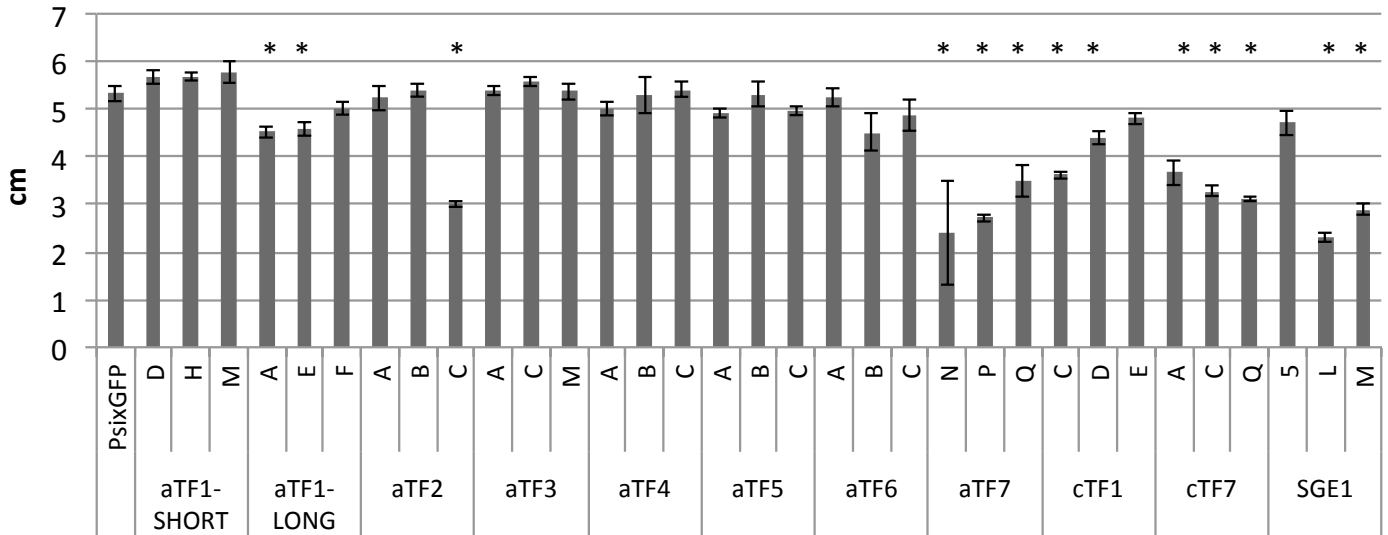
Expression of different transcription factor genes in different transformants



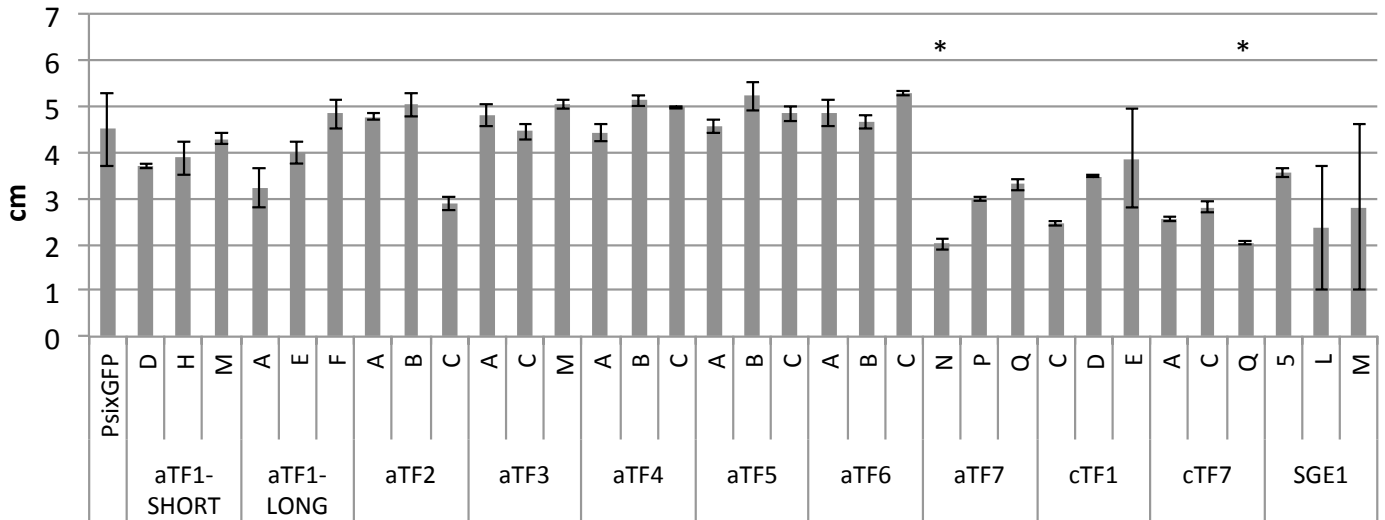
Expression of different transcription factor genes in different transformants

SUPP FIGURE 5B

Colony diameter on PDA



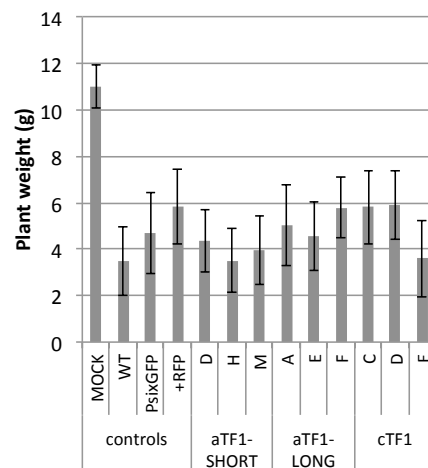
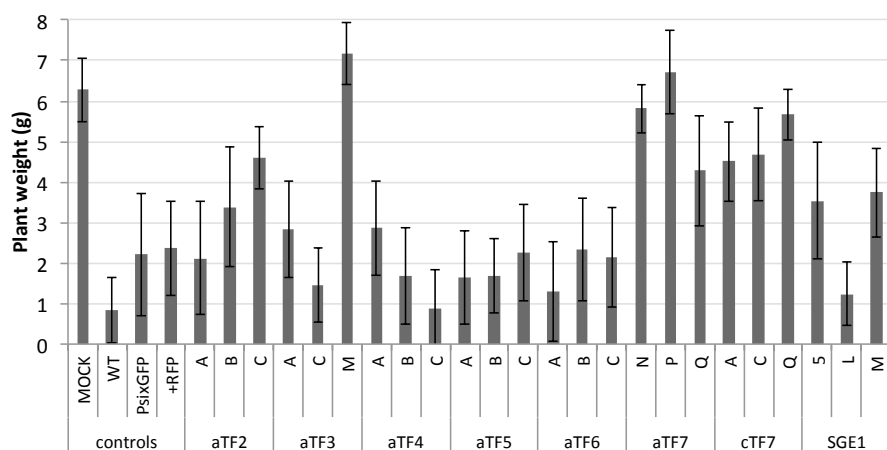
Colony diameter on CDA



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

SUPP FIGURE 5C

### Plant weight 3 weeks post inoculation



### Disease index 3 weeks post inoculation

