

Supplementary Table 1. Glandular trichome development transcription factors in *Artemisia annua*.

Gene Name	TF Family	GT Type	Key Target Gene(s)	Evidence Type	Gene Function Identification	References
AaHD1 (+)	HD-Zip IV	GST	<i>AaGWS2</i>	Y1H/DLR/EMSA	-	[1]
			<i>AaPDF2</i>	Y1H/DLR/EMSA	OE/RNAi	[2]
AaHD8 (+)	HD-Zip IV	GST	<i>AaGWS2</i>	Y1H/DLR/EMSA	-	[1]
		GST	<i>AaMIXTA1</i>	Y2H/BiFC/Co-IP	OE/RNAi	[3]
			<i>AaHD1</i>	Y1H/DLR		
AaTTG1 (+)	WD40	GST	<i>AaSPL9</i>	Y2H/BiFC/Pull-down	OE/ERA/Ectopic Expression	[4]
AaWIN1 (+)	AP2/ERF	GST	<i>AaMIXTA1</i>	Y2H/BiFC	OE/Ectopic Expression	[5]
AaMIXTA1 (+)	R2R3-MYB	GST	-	-	OE/RNAi	[6]
AaMYB5 (-)	R2R3-MYB	GST	<i>AaHD1</i>	Y2H/Co-IP	OE/RNAi	[7]
AaMYB16 (+)	R2R3-MYB	GST/TST	<i>AaHD1</i>	Y2H/Co-IP	OE/RNAi	
			<i>AaGWS2</i>	DLR	-	[8]
AaPDF2 (+)	HD-Zip IV	GST	<i>AaHD1</i>	Y2H/BiFC	OE/RNAi	[2]
			<i>AaMYB5</i>	Y2H/BiFC		
			<i>AaGWS2</i>	Y1H/DLR/EMSA		
AaSPL9 (+)	Squamosa promoter-binding protein-like	GST	<i>AaHD1</i>	Y1H/DLR/EMSA	OE/RNAi	[9]
AaSEP1 (+)	MADS-box superfamily protein	GST	<i>AaHD1</i>	Y2H	OE/RNAi	[8]
			<i>AaGWS2</i>	DLR		
			<i>AaMYB16</i>	Y2H/BiFC/Pull-down		
AaGL3-like (+)	bHLH	GST/TST	<i>AaHD1/AaGWS2</i>	RT-qPCR	OE/RNAi	[10]
AaZFP8L (+)	C2H2-ZFPs	GST	-	-	Ectopic Expression	[11]

*(+): Positive regulation of GT development. (-): Negative regulation of GT development.

Reference

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