

Additional file 1 - *Arabidopsis thaliana* genes involved in the trichome developmental pathway

Gene Name	Description	NCBI Protein accession number
ATMYBL2	MYB-LIKE 2; DNA binding / transcription factor	[NCBI:NP_177259.1]
ATMYC1	MYC-RELATED TRANSCRIPTION FACTOR 1; DNA binding / transcription factor	[NCBI:NP_001154194.1]
CPC	CAPRICE; DNA binding / transcription factor	[GenBank:AAS09991.1]
CPR5	CONSTITUTIVE EXPRESSION OF PR GENES 5	[NCBI:NP_569003.1]
EGL3	ENHANCER OF GLABRA3; DNA binding	[NCBI:NP_001185302.1]
ETC1	ENHANCER OF TRY AND CPC 1; DNA binding / transcription factor	[NCBI:NP_171645.1]
ETC2	ENHANCER OF TRY AND CPC 2	[NCBI:NP_850145.1]
ETC3	ENHANCER OF TRY AND CPC 3; DNA binding / transcription factor	[NCBI:NP_974493.1]
GAI	GA INSENSITIVE; transcription factor	[NCBI:NP_172945.1]
GIS	GLABROUS INFLORESCENCE STEMS; nucleic acid binding / transcription factor/ zinc ion binding	[NCBI:NP_191366.1]
GIS2	GLABROUS INFLORESCENCE STEMS 2; nucleic acid binding / transcription factor/ zinc ion binding	[NCBI:NP_196283.1]
GL1	GLABRA 1; transcription factor	[NCBI:NP_189430.1]
GL2	GLABRA 2; DNA binding / transcription factor	[NCBI:NP_001185443.1]
GL3	GLABRA 3; transcription factor	[NCBI:NP_680372.1]
MYB23	MYB DOMAIN PROTEIN 2; DNA binding / transcription factor	[NCBI:NP_198849.1]
MYB5	TRANSCRIPTION REPRESSOR MYB5	[NCBI:NP_187963.1]
RGA1	REPRESSOR OF GA1-3 1; transcription factor	[NCBI:NP_178266.1]
RGL1	RGA-LIKE 1; transcription factor	[NCBI:NP_176809.1]
SAD2	SUPER SENSITIVE TO ABA AND DROUGHT 2; protein transporter	[NCBI:NP_180724.2]
SPL8	SQUAMOSA PROMOTER BINDING PROTEIN-LIKE 8; DNA binding	[NCBI:NP_683267.1]
SPY	SPINDLY; transferase, transferring glycosyl groups	[NCBI:NP_187761.1]
TCL1	TRICHOMELESS1; DNA binding	[NCBI:NP_001031445.1]
TCL2	TRICHOMELESS 2	[NCBI:NP_001118417.1]
TRY	TRIPTYCHON; DNA binding / transcription factor	[NCBI:NP_200132.2]
TT8	TRANSPARENT TESTA 8; DNA binding / transcription factor	[NCBI:NP_192720.2]
TTG1	TRANSPARENT TESTA GLABRA 1; nucleotide binding	[NCBI:NP_851069.1]
TTG2	TRANSPARENT TESTA GLABRA 2; transcription factor	[NCBI:NP_181263.2]
ZFP8	ZINC FINGER PROTEIN 8; nucleic acid binding / transcription factor/ zinc ion binding	[NCBI:NP_181725.1]