

Supplementary Table S4.

Summary of genes expressed the conjunctiva of TT cases and controls by Superarray assay.

Gene expression detected		
ECM		
Cases only (6 genes)	All cases and controls (2 genes)	Controls only (1 gene)
LAMA5, MMP13, CTNNA1, SELL, TGFBI TIMP1	ITGAX, ITGB1	ITGA3
Th123		
Cases only (4 genes)	All cases and controls (3 genes)	Controls only (3 genes)
<i>TMED1</i> , CCL5, BCL3 IL1R2	NFATC4, STAT6 HAVCR2	IL4R, NFKB1, NFATC3
Gene expression not detected		
Th123		
Cases only (7 genes)	Neither (8 genes)	Controls only (6 genes)
TGFB3, PCGF2, TFCP2, IL9, GLMN, CCR3, <i>NFATC1</i>	IL2, CCR4, SOCS6, CCR9, CD28, IL12B TNFRSF9, GFI1	NFATC2, LAG3, IRF4 CSF2, IL27, SOCS7
ECM		
Cases only (9 genes)	Neither (14 genes)	Controls (16 genes)
MMP11, TIMP2, LAMB4 LAMA1, SELE, ITGB3 ITGA11, COL12A1 <i>LAMB1</i>	LAMA4, COL5A1, HAS1 ITGA10, ITGA7, ITGAV COL16A1, COL14A1 ITGB6, LAMA2, NCAM1 SGCE, THBS3, THBS4	MMP20, LAMC1, VTN COL4A3, CLEC3B MMP24, ITGA4, COL5A3 FN1, ITGA8, <i>COL9A1</i> SPP1, MMP8, <i>COL19A1</i> MMP16, MMP17
Most abundant mRNA expression		
Highest expression (signal intensity) top 5 from each array		
Th123		
Cases	Controls	
JUND, JUNB, BCL3, NFKB1, IRF1	JUND, IL1R1, JUNB, NFATC3, NFKB1	
ECM		
Cases	Controls	
TGFBI, TIMP1, ITGA3, ITGAX, ITGB1	MMP13, ITGA3, TIMP1, ITGAX, ITGB1	
Least abundant mRNA expression		
Lowest expression intensity (lowest 5 from each array)		
Th123		
Cases	Controls	
IL18, CSF2, IL27, IRF4, ICOS	TFCP2, GLMN, IL18, TGFB3, CCR3	
ECM		
Cases	Controls	
ITGA8, <i>COL9A1</i> , SPP1, MMP8, <i>COL19A1</i>	COL12A1, MMP12, MMP16, MMP20, LAMC1	