mRNA Sequencing of Limbal Epithelial Cells and mRNA/miRNA Profiling of Limbal Stromal cells in PAX6-related Congenital Aniridia

Table S3. Qiagen QuantiTect primer pairs and miRNA primers used for validation of deregulated mRNAs in limbal epithelial cells and stromal cells of aniridia patients and healthy subjects (**a**) and miRNAs in limbal stromal cells of aniridia and healthy subjects (**b**).

a) mRNAs

Targeted mRNA transcript	Gene Name	Cat. No.
ANKRD29	Ankyrin repeat domain 29	QT00051345
BRINP1	Bone morphogenetic protein/retinoic acid inducible neural-specific 1	QT00093058
GUSB	Glucuronidase. beta	QT00046046
IVL	Involucrin	QT00082586
KRT12	Keratin 12	QT00011949
MUC5AC	Mucin 5AC. oligomeric mucus/gel-forming	QT01329615
PCSK9	Proprotein convertase subtilisin/kexin type 9	QT00005509
PLA2G2A	Phospholipase A2. group IIA (platelets. synovial fluid)	QT02408147
RELN	Reelin	QT00025592
SIX3	Sine oculis homeobox homolog 3	QT00277897
TBP	TATA box binding protein	QT02377361
VNN2	Vanin 2	QT00034902

b) miRNAs

Targeted miRNA transcript	Gene Globe ID (Qiagen)
miR-103a-3p	YP00204063
miR-127-3p	YP00204048
miR-146a-5p	YP00204688
miR29b-3p	YP00204679
miR-326	YP00204512
miR-493-5p	YP00204166
U6 snRNA	YP02119464