

# Identification of novel pathways regulated by APE1/Ref-1 in human retinal endothelial cells

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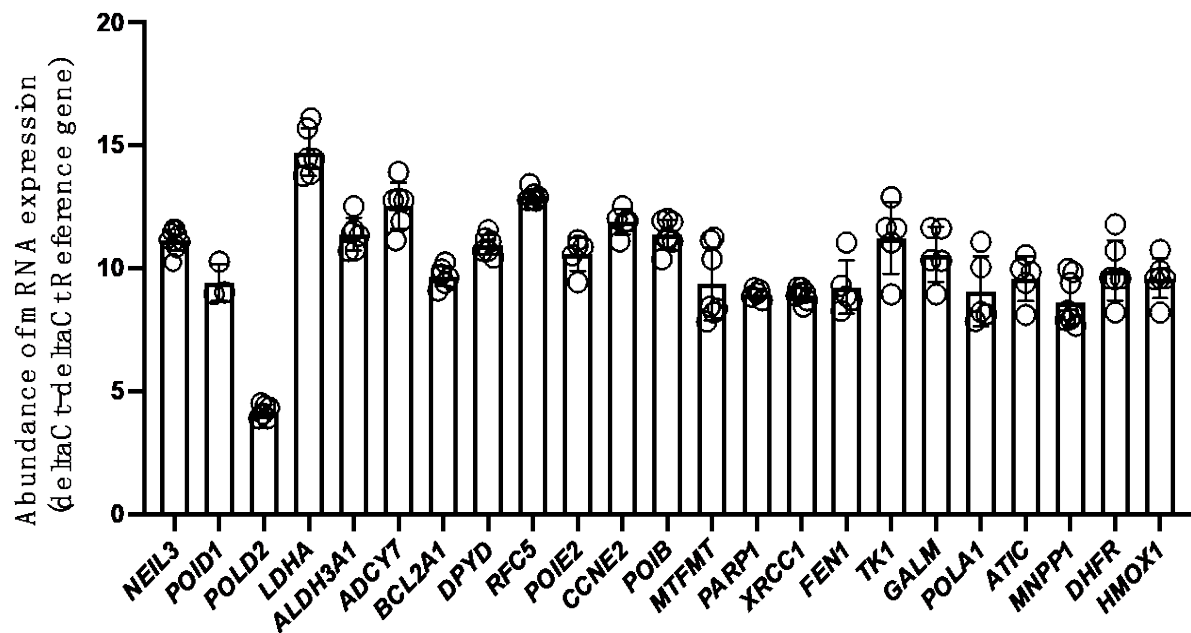
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## Supplementary Material



**Figure S1. Relative abundance of expression levels of genes in HREC cells upon basal condition.** Relative mRNA expression levels of key genes from HREC RNA-seq were assessed by qRT-PCR. The data are expressed as cycle threshold ( $C_t$  value difference with respect to reference gene). *BACT* was used as reference gene. Mean  $\pm$  SEM,  $n=3-6$ . At least three independent experiments were performed.

**Table S1. Primer list used for qRT-PCR**

<b>Gene</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<i>NEIL3</i>	AGTGGTCTCCACCCAGCTGTTA	AGAGCAAGTCCTGCTTTACGGC
<i>POLD1</i>	ACTACACGGGAGCCACTGTCAT	GCGTGGTGTAACACAGGTTGTG
<i>POLD2</i>	ACTGACCCGTTTCATCTTCCCAG	CAACAGCACTGTCTGGTCCCTCA
<i>LDHA</i>	GGATCTCCAACATGGCAGCCTT	AGACGGCTTTCTCCCTCTTGCT
<i>ALDH3A1</i>	CTCGTCATTGGCACCTGGAAC	CTCGCCATGTTCTCACTCAGCT
<i>ADCY7</i>	GACGAGATGCTGTCAGCCATTG	CTCAAAGCCCTTCTCCAGGAAG
<i>BCL2A1</i>	GGATAAGGCAAAACGGAGGCTG	CAGTATTGCTTCAGGAGAGATAGC
<i>DPYD</i>	GTGGTGATGTCGTTGGTTTGGC	GTTCAGGCTTGGCAGAAACGGA
<i>RFC5</i>	TTCCAGTGGAGACATGCGTAGG	GTTGGCAATGTCTGACTTGAGCG
<i>POIE2</i>	TGCGTCCGTTTTCCTAGCAGCA	GGGCAGACATAAAGAGGTTAGGG
<i>CCNE2</i>	CTTACGTCCTGATGGTGCTTGC	CTTGGAGAAAGAGATTTAGCCAGG
<i>POLB</i>	TGCAGAGTCCAGTGGTGACATG	ATGAACCTTTTGTAAGTCTCCAC
<i>MTFMT</i>	GCCGACTTTTGAATGAGGCTCTT	CCAGTAACTGTGTCTCCGTGAAG
<i>PARP1</i>	CCAAGCCAGTTCAGGACCTCAT	GGATCTGCCTTTTGCTCAGCTTC
<i>XRCC1</i>	CGGATGAGAACACGGACAGTGA	GAAGGCTGTGACGTATCGGATG
<i>FEN1</i>	ACTAAGCGGCTGGTGAAGGTCA	GCAGCATAGACTTTGCCAGCCT
<i>TK1</i>	AGCAGCTTCTGCACACATGACC	CTCGCAGAACTCCACGATGTCA
<i>GALM</i>	CAACCGAATCGCCAAAGGAACC	CGAGAACTGGACGCCATTTGAC
<i>POLA1</i>	GGACCAACACATCTAGCCTGGA	GGTCTGGTTTCAAAGCCATTGCC
<i>ATIC</i>	CCGAGAGTAAGGACACCTCCTT	GGCATCTGAGATACGCCTTTGC
<i>MNPP1</i>	ACAGTCGATCCAGCTGCACCTT	CTCTGCATGACCAAAGTGGAGG
<i>DHFR</i>	CATGGTCTGGATAGTTGGTGGC	GTGTCACTTTCAAAGTCTTGCATG
<i>HMOX1</i>	CCAGGCAGAGAATGCTGAGTTC	AAGACTGGGCTCTCCTTGTTGC
<i>BACT</i>	CACCATTTGGCAATGAGCGGTTC	AGGTCTTTGCGGATGTCCACGT