Prediction of cis-regulatory elements controlling genes differentially expressed by retinal and choroidal vascular endothelial cells

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In Results, under the heading, “Comparison of cis-Regulatory Motifs in Genes Differentially Expressed by Retinal and Choroidal Endothelial Cells”, we inadvertently omitted one of the two motif consensus core sequences corresponding to heat shock transcription factor 1 (HSF1), a transcription factor with cis-regulatory motifs that were more abundant in retinal endothelial promoter sequences. The relevant section of text should read: “For five transcription factors, motifs were significantly more abundant in retinal endothelial promoter sequences. Transcription factors and corresponding motif consensus core sequences (defined by IUPAC nucleotide code) [19] were: (1) glucocorticoid receptor (GCCR) (p=0.015), GTTCT; (2) high mobility group at hook-1 (HMG1Y) (p=0.022), GGAAA; (3) heat shock transcription factor 1 (HSF1) (p=0.025), AGAAY and TCTAG; (4) p53 (p=0.025), CATGY; and (5) vitamin D receptor (VDR) (p=0.024), GGAGT and TGAMC.”

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