

Supplementary Table S5: List of primers used in Quantitative PCR with NCBI sequence number

Elevated Dimethylarginine, ATP, cytokines, metabolic remodeling involving tryptophan metabolism and potential microglial inflammation characterize Primary Open Angle Glaucoma

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Gene	Accession number	Forward Primer (5'-3')	Reverse primer (5'-3')
HPRT	NM_013556.2	AGG GAT TTG AAT CAC GTT TG	TTT ACT GGC AAC ATC AAC AG
TNF α	NM_013693.3	TCT TCT GTC TAC TGA ACT TCG G	AAG ATG ATC TGA GTG TGA GGG
IFN γ	NM_008337.4	GAA AGA CAA TCA GGC CAT CAG C	GCA TCC TTT TTC GCC TTG CT
TGF β	NM_011577.2	GAA CCA AGG AGA CGG AAT ACA G	GGA GTT TGT TAT CTT TGC TGT CAC
IDO-1	NM_008324.2	AAT CGC AGC TTC TCC TGC AA	TAG CTA TGT CGT GCA GTG CC
IDO-2	NM_145949.2	CAT CCA GGA TAT CAC CAG AG	CGG ATG ACC GAG TAA AAT ATG
TDO2	NM_019911.2	ACT ACC TTC TGA GTA AAG GTG	GTG TCA ATG TCC ATA AGT GAG
P2X ₁	NM_008771.3	TTG GAG TGG CCA CAG TTC TC	CCC ATG TCC TCC GCA TAC TT
P2X ₂	NM_001310701.1	TCT TGC TCC AGC TCT GCT CT	GTG GAG TCC TGT TGG GAA GG
P2X ₄	NM_001310720.1	CTA CAG GGA CCT TGC TGG C	CAA ACT TGC CAG CCT TTC CA
P2X ₅	NM_001376983.1	CTG GAA CTG GCC CAG AGT G	TCA CGA AGG CAT TCT CCT GG
P2X ₇	NM_001038839.3	ATC GAG ATC TAC TGG GAT TG	GTA CTT GGC ATA TCT GAA GTT G
P2Y ₂	NM_001302346.1	GCA TAT GTG AGT GAA GAA CTG	TAT TGA TGG TGC TAT TCC AG
P2Y ₄	NM_020621.4	TAG GTC CCA GCC CAA GTT CT	CCC AGC ACA AAG ACA ACT GC
P2Y ₆	NM_183168.2	TTA GCT TCC AGC GCT ACC TG	CAC GAC TCC ACA CAC TAC CC
P2Y ₁₄	NM_001287124.1	GCT GAC TTT CTC ATG GGC CT	AGA CCC TGC ACA CAA ACA CA