

**Table S1.** List of genes from RetNet that exhibit biallelic expression (BAE).

BAE Genes	ABCA4
	ACBD5
	ADAM9
	ADGRV1
	ADIPOR1
	AGBL5
	AHR
	ARHGEF18
	ARL3
	ARL6
	ARSG
	ATF6
	ATXN7
	BBIP1
	BBS1
	BBS10
	BBS12
	BBS4
	BBS5
	BBS7
	BBS9
	BEST1
	C12orf65
	C1QTNF5
	C8orf37
	CA4
	CABP4
	CACNA2D4
	CCT2
	CDH3
	CEP164
	CEP19
	CEP250

CEP290
CEP78
CERKL
CLN3
CLUAP1
CNGA3
CNGB1
CRB1
CSPP1
CWC27
DHDDS
DHX38
DRAM2
DTHD1
DYNC2H1
ELOVL1
ELOVL4
EMC1
EXOSC2
EYS
FAM161A
FZD4
GDF6
GNPTG
GRM6
GUCY2D
HARS
HGSNAT
HK1
HMCN1
HMX1
IDH3B
IFT172
IFT27

IFT81
IMPG1
IMPG2
INVS
ITM2B
KCNV2
KIAA1549
KIF11
KIF3B
LCA5
LRAT
LRIT3
LRP5
LZTFL1
MAK
MFSD8
MIEF1
MKKS
MKS1
MVK
NBAS
NEK2
NEUROD1
NMNAT1
NPHP1
NR2F1
NRL
OPA1
OPA3
OPN1SW
OTX2
PANK2
PAX2
PCDH15

PDE6A
PDE6C
PDZD7
PEX2
PEX7
PLK4
POC1B
POC5
POMGNT1
PRPF3
PRPF31
PRPF6
RAB28
RD3
RDH11
RDH12
RGR
RGS9BP
RIMS1
RLBP1
ROM1
RP1
RP1L1
RP9
RPE65
RPGRIP1
RPGRIP1L
RTN4IP1
SAMD11
SDCCAG8
SLC24A1
SLC25A46
SLC7A14
SNRNP200

	SPATA7
	TEAD1
	TMEM126A
	TMEM216
	TMEM237
	TOPORS
	TRIM32
	TRNT1
	TTC8
	TTLL5
	TTPA
	TUBGCP4
	TUBGCP6
	TULP1
	UNC119
	USH1G
	WDR19
	ZNF423