

Gene	Gene Description	AHR-/-	TSPO-/-
45178	Septin 9	1.11	-2.03
2310007B03Rik	RIKEN cDNA 2310007B03	-1.88	2.20
2900026A02Rik	RIKEN cDNA 2900026A02	1.22	-1.23
A430005L14Rik	RIKEN cDNA A430005L14	-23.40	-4.90
Abca1	ATP-binding cassette, sub-family A (ABC1), member 1	1.96	-1.57
Abhd6	Abhydrolase domain containing 6	-9.14	-2.55
Actn1	Actinin, alpha 1	-1.26	1.36
Adamts10	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 10	-1.76	1.44
Adcy5	Adenylate cyclase 5	-2.88	-4.16
Adgrf5	Adhesion G protein-coupled receptor F5	-35.94	-1.85
Adora1	Adenosine A1 receptor	1.27	-1.45
Ager	Advanced glycosylation end product-specific receptor [	1.40	2.04
Ahcy	S-adenosylhomocysteine hydrolase	-1.15	-1.36
AI662270	Expressed sequence AI662270	-1.72	13.19
Aig1	Androgen-induced 1	1.82	-1.85
Akna	AT-hook transcription factor	-1.74	1.51
Alad	Aminolevulinate, delta-, dehydratase	1.19	-1.23
Aldh18a1	Aldehyde dehydrogenase 18 family, member A1	1.26	-1.16
Aldh1l2	Aldehyde dehydrogenase 1 family, member L2	1.58	-1.27
Aldh3b1	Aldehyde dehydrogenase 3 family, member B1	1.43	-1.36
Ank	Progressive ankylosis	-2.54	1.24
Anks6	Ankyrin repeat and sterile alpha motif domain containing 6	-301.29	-2.35
Ano1	Anoctamin 1, calcium activated chloride channel	1.21	-1.13
Ap1g2	Adaptor protein complex AP-1, gamma 2 subunit	1.18	-1.29
Apcdd1	Adenomatosis polyposis coli down-regulated 1	-6.39	-2.39
Appl1	Amyloid beta (A4) precursor-like protein 1	1.62	-1.31
Aqp5	Aquaporin 5	1.12	-1.21
Arhgap32	Rho GTPase activating protein 32	-228.70	-9.74
Arhgdib	Rho, GDP dissociation inhibitor (GDI) beta	-381.25	13.75
Arl4d	ADP-ribosylation factor-like 4D	2.20	-1.32
Arvcf	Armadillo repeat gene deleted in velocardiofacial syndrome	1.36	-1.29
As3mt	Arsenic (+3 oxidation state) methyltransferase	1.46	-1.98
Ash2l	ASH2 like histone lysine methyltransferase complex subunit	1.12	-1.10
Asns	Asparagine synthetase	1.17	-1.38
Atf4	Activating transcription factor 4	1.24	-1.62
Atp11a	ATPase, class VI, type 11A	-1.14	1.33
Atp1a1	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, alpha 1 polypeptide	1.26	1.09

Atp9a	ATPase, class II, type 9A	-199.38	1.39
AU021092	ERxpressed sequence AU021092	1.35	1.87
B3glct	Beta-3-glucosyltransferase	-732.59	-1.59
B4galnt1	Beta-1,4-N-acetyl-galactosaminy transferase 1	-12.19	1.62
Bdkrb2	Bradykinin receptor, beta 2	-2.42	2.84
Bicc1	BicC family RNA binding protein 1	1.19	-1.48
Bmper	BMP-binding endothelial regulator	-6.96	1.81
Btbd3	BTB (POZ) domain containing 3	-1.20	-1.82
C3	Complement component 3	-2.75	2.16
C920009B18Rik	RIKEN cDNA C920009B18 gene	-7.70	4.33
Cacna1a	Calcium channel, voltage-dependent, P/Q type, alpha 1A subunit	1.30	-1.18
Cadm1	Cell adhesion molecule 1	1.62	1.25
Cars	Cysteinyl-tRNA synthetase	1.13	-1.31
Casz1	Castor zinc finger 1	1.46	-2.82
Cavin1	Caveolae associated 1	1.30	-1.14
Ccnd1	Cyclin D1	1.15	-1.32
Cd24a	CD24a antigen	-1.42	-2.87
Cd36	CD36 molecule	2.20	-13.42
Cd82	CD82 antigen	1.34	-1.56
Cdc42bpg	CDC42 binding protein kinase gamma (DMPK-like)	1.38	-1.23
Cdh1	Cadherin 1	-3.03	-11.36
Cdkn2a	Cyclin dependent kinase inhibitor 2A	1.18	-1.16
Chd7	Chromodomain helicase DNA binding protein 7	-32.67	-3.75
Chic1	Cysteine-rich hydrophobic domain 1	2.24	1.53
Chst15	Carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15	-11.25	2.05
Ckap4	Cytoskeleton-associated protein 4	-1.31	1.16
Ckb	Creatine kinase, brain	1.39	-1.73
Col18a1	Collagen, type XVIII, alpha 1	-1.83	-2.80
Col6a1	Collagen, type VI, alpha 1	-19.45	-2.03
Col6a2	Collagen, type VI, alpha 2	-23.34	-2.55
Col8a1	Collagen, type VIII, alpha 1	-4.41	2.72
Cpe	Cytoplasmic polyadenylation element binding protein 4	-1.92	1.15
Csrp1	Cysteine and glycine-rich protein 1	-1.18	1.21
Cth	Cystathionase (cystathionine gamma-lyase)	3.76	-13.44
Ctsb	Cathepsin B	1.11	-1.16
Ctnn	Cortactin	-1.85	-1.10
Cul7	Cullin 7	1.47	-1.41
D630003M21Rik	RIKEN cDNA D630003M21 gene	2.09	-1.98
Dagla	Diacylglycerol lipase, alpha	1.25	-1.25
Dbn1	Drebrin 1	-1.87	-1.40

Ddit4	DNA-damage-inducible transcript 4	1.20	-1.42
Dgkk	Diacylglycerol kinase kappa	2.36	-31.88
Dlg5	Discs large MAGUK scaffold protein 5	-39.77	-4.55
Dmbx1	Diencephalon/mesencephalon homeobox 1	-20.40	3.57
Dock8	Dedicator of cytokinesis 8	1.31	1.61
Dpysl5	Dihydropyrimidinase-like 5	1.42	-4.18
Dsp	Desmoplakin	-1.15	-1.64
Dusp4	Dual specificity phosphatase 4	1.93	-2.10
Dync2h1	Dynein cytoplasmic 2 heavy chain 1	-1.60	1.30
E330009J07Rik	RIKEN cDNA E330009J07 gene	-1.34	-1.83
Edaradd	EDAR (ectodysplasin-A receptor)-associated death domain	-4.33	-1.83
Edn1	Endothelin 1	-1.94	1.81
Egr1	Early growth response 1	-4.20	-1.50
Eif4ebp1	Eukaryotic translation initiation factor 4E binding protein 1	1.15	-1.60
Eif4g3	Eukaryotic translation initiation factor 4 gamma, 3	-1.28	1.18
Elavl2	ELAV like RNA binding protein 1	-188.55	1.94
Endod1	Endonuclease domain containing 1	-2.81	1.91
Enpp5	Ectonucleotide pyrophosphatase/phosphodiesterase 5	1.79	-1.33
Epn3	Epsin 3	-6.23	2.39
Epop	Elongin BC and polycomb repressive complex 2 associated protein	1.51	-1.39
Errfi1	ERBB receptor feedback inhibitor 1	-1.40	1.44
Ets1	E26 avian leukemia oncogene 1, 5' domain	-2.56	6.35
Evl	Ena-vasodilator stimulated phosphoprotein	-	1.91
Exoc3l4	Exocyst complex component 3-like 4	-2.68	-1.42
Exosc2	Exosome component 2	-1.13	-1.28
Eya4	EYA transcriptional coactivator and phosphatase 4	-1.52	-2.64
Fam107b	Family with sequence similarity 107, member B	-1.49	-2.00
Fam167a	Family with sequence similarity 167, member A	1.50	-2.96
Fam189a2	Family with sequence similarity 189, member A2	-1.84	-1.31
Fcho1	FCH domain only 1	1.19	-2.20
Fgd3	FYVE, RhoGEF and PH domain containing 3	-1.78	-5.42
Flnc	Filamin C, gamma	-1.42	-1.74
Fmn13	Formin-like 3	1.18	-1.29
Fndc3c1	Fibronectin type III domain containing 3C1	2.90	1.72
Foxp1	Forkhead box P1	-1.52	-1.19
Fzd4	Frizzled class receptor 4	1.48	-1.30
Gadd45a	Growth arrest and DNA-damage-inducible 45 alpha	1.55	-1.78
Galnt10	Polypeptide N-acetylgalactosaminyltransferase 10	2.18	-7.88
Galnt12	Polypeptide N-acetylgalactosaminyltransferase 12	-289.82	-2.40

Gars	Glycyl-tRNA synthetase	1.13	-1.29
Gdnf	Glial cell line derived neurotrophic factor	-7.26	2.74
Ghr	Growth hormone receptor	-4.08	2.20
Glul	Glutamate-ammonia ligase (glutamine synthetase)	-1.16	-1.59
Gm11427	Predicted gene 11427	-2.17	14.59
Gm13230	Predicted gene 13230	-1.65	2.02
Gm20541	Predicted gene 20541	-6.24	3.25
Gng12	Guanine nucleotide binding protein (G protein), gamma 12	-1.19	1.39
Got1	Glutamic-oxaloacetic transaminase 1, soluble	1.14	-1.18
Gpt2	Glutamic pyruvate transaminase (alanine aminotransferase) 2	1.27	-1.85
Gstk1	Glutathione S-transferase kappa 1	3.88	-171.29
Gstm1	Glutathione S-transferase, mu 1	-1.50	-1.16
Gucyl1a1	Guanylate cyclase 1, soluble, alpha 1	-272.71	-7.11
Gusb	Glucuronidase, beta	-3.17	2.74
Gxylt2	Glucoside xylosyltransferase 2	-1.64	1.21
H2afy2	H2A histone family, member Y2	-16.54	-3.18
Hdgfl3	HDGF like 3	-1.37	1.46
Hemk1	HemK methyltransferase family member 1	-1.61	1.42
Hr	Hairless	1.15	-1.15
Ide	Insulin degrading enzyme	1.11	1.23
Idh2	Isocitrate dehydrogenase 2 (NADP+), mitochondrial	1.27	-1.27
Igf2bp2	Insulin-like growth factor 2 mRNA binding protein 2	-1.48	-1.15
Il18	Interleukin 18	-28.17	1.42
Impdh2	Inosine monophosphate dehydrogenase 2	-1.14	-1.26
Inava	Innate immunity activator	1.53	-1.43
Iqgap1	IQ motif containing GTPase activating protein 1	-1.10	1.14
Itm2b	Integral membrane protein 2B	1.12	-1.17
Jak1	Janus kinase 1	-1.14	1.23
Jun	Jun proto-oncogene	-1.33	1.47
Kalrn	Kalirin, RhoGEF kinase	1.53	-10.22
Kcnt2	Potassium channel, subfamily T, member 2	2.06	-7.80
Kif21b	Kinesin family member 21B	1.95	-2.00
Kif5c	Kinesin family member 5C	1.20	-1.24
Klf15	Kruppel-like factor 15	2.23	-15.26
Klhdc7a	Kelch domain containing 7A	-38.69	19.68
Klhl30	Kelch-like 30	-1.21	1.25
Ksr1	Kinase suppressor of ras 1	-1.40	-1.15
Ldlrad3	Low density lipoprotein receptor class A domain containing 3	1.24	-1.17
Lgals1	Lectin, galactose binding, soluble 1	-1.20	-1.58
Limch1	LIM and calponin homology domains 1	1.46	-2.59

Lrp4	Low density lipoprotein receptor-related protein 4	-1.34	-1.98
Lrrc8e	Leucine rich repeat containing 8 family, member E	-2.76	-35.62
Lrrk2	Leucine-rich repeat kinase 2	-2.15	-7.19
Ly6e	Lymphocyte antigen 6 complex, locus E	-1.29	1.32
Mageh1	Melanoma antigen, family H, 1	3.35	-32.27
Map3k20	Mitogen-activated protein kinase kinase kinase 20	-1.22	1.56
Map3k9	Mitogen-activated protein kinase kinase kinase 9	1.90	-2.18
Mcc	Mutated in colorectal cancers	-1.19	1.21
Mgat4a	Mannoside acetylglucosaminyltransferase 4, isoenzyme A	-1.99	-14.70
Mia3	Melanoma inhibitory activity 3	-1.66	-1.18
Mical2	Microtubule associated monooxygenase, calponin and LIM domain containing 2	1.20	-1.36
Mirt1	Myocardial infarction associated transcript 1	-4.01	2.00
Mpeg1	Macrophage expressed gene 1	2.77	1.51
Mr1	Major histocompatibility complex, class I-related	1.93	-5.61
Mrc2	Mannose receptor, C type 2	1.94	-1.55
Mrgprb2	MAS-related GPR, member B2	-51.48	2.13
Mrgprb3	MAS-related GPR, member B3	-17.39	1.95
Mt1	Metallothionein 1	-1.27	-1.54
Mtmr7	Myotubularin related protein 7	1.71	-1.60
mt-Nd4	Mitochondrially encoded NADH dehydrogenase 4	1.12	1.27
mt-Rnr1	Mitochondrially encoded 12S rRNA	1.23	-1.21
Mylk3	Myosin light chain kinase 3	1.85	-1.55
Myo1d	Myosin ID	1.36	-1.20
Nebi	Nebulette	1.47	1.95
Nelfa	Negative elongation factor complex member A, Whsc2	-1.97	-4.73
Nes	Nestin	2.98	-2.64
Neto1	Neuropilin (NRP) and tolloid (TLL)-like 1	-3.21	-237.02
Nexmif	Neurite extension and migration factor	1.61	-8.45
Nfatc2	Nuclear factor of activated T cells, cytoplasmic, calcineurin dependent 2	-33.56	4.78
Nfe2l1	Nuclear factor, erythroid derived 2,-like 1	1.15	-1.18
Nfkb1	Nuclear factor of kappa light polypeptide gene enhancer in B cells 1, p105	-1.34	1.21
Nlrp4f	NLR family, pyrin domain containing 4F	2.82	-4.78
Nog	Noggin	-2.95	1.47
Nop2	NOP2 nucleolar protein	-1.10	-1.29
Nrg1	Neuregulin 1	-1.26	1.40
Nrip3	Nuclear receptor interacting protein 3	2.11	-17.88
Nrxn2	Neurexin II	-2.01	-1.22
Oasl1	2'-5' oligoadenylate synthetase-like 1	-6.42	2.21
Orm1	Orosomucoid 1	-11.44	3.52

Osbp15	Oxysterol binding protein-like 5	-220.99	-3.18
Osgin1	Oxidative stress induced growth inhibitor 1	-1.22	1.18
Osr1	Odd-skipped related transcription factor 1	-5.68	-141.81
P2rx3	Purinergic receptor P2X, ligand-gated ion channel, 3	2.99	-3.31
Pabpc1	Poly(A) binding protein, cytoplasmic 1	-1.09	-1.22
Panx1	Pannexin 1	-21.08	3.17
Papss2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	-3.36	1.61
Pard6g	Par-6 family cell polarity regulator gamma	-1.78	-5.95
Pcdh7	Protocadherin 7	1.51	1.94
Pcolce	Procollagen C-endopeptidase enhancer protein	1.24	-1.55
Pdia4	Protein disulfide isomerase associated 4	1.13	-1.30
Pdlim5	PDZ and LIM domain 5	-1.22	1.96
Pdxk	Pyridoxal (pyridoxine, vitamin B6) kinase	1.68	-10.82
Peli2	Pellino 2	-1.59	-2.63
Pgpep1	Pyroglutamyl-peptidase I	1.22	-1.21
Phf10	PHD finger protein 10	1.29	-1.28
Phf19	PHD finger protein 19	-107.09	-2.96
Phgdh	3-phosphoglycerate dehydrogenase	1.29	-1.35
Pik3cb	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta	-1.38	1.27
Pla2g5	Phospholipase A2, group V	-2.04	1.90
Pld2	Phospholipase D2	-2.64	-1.64
Plk2	Polo like kinase 2	-1.39	1.40
Pls3	Plastin 3 (T-isoform)	1.33	1.17
Plxnb1	Plexin B1	1.34	-1.25
Plxnb2	Plexin B2	1.21	-1.13
Podxl	Podocalyxin-like	1.45	-1.44
Por	P450 (cytochrome) oxidoreductase	-1.15	1.14
Ppp1r12b	Protein phosphatase 1, regulatory subunit 12B	-1.24	1.40
Ppp1r13b	Protein phosphatase 1, regulatory subunit 13B	1.26	-1.35
Ppp1r14c	protein phosphatase 1, regulatory inhibitor subunit 14C [Source:MGI Symbol;Acc:MGI:1923392]	-5.81	2.36
Ppp1r3a	Protein phosphatase 1, regulatory subunit 3A	3.13	-2.60
Prcp	Prolylcarboxypeptidase (angiotensinase C)	1.19	-1.31
Psat1	Phosphoserine aminotransferase 1	1.18	-1.20
Psph	Phosphoserine phosphatase	1.36	-1.37
Ptgds	Prostaglandin D2 synthase (brain)	-1.65	1.98
Ptprd	Protein tyrosine phosphatase, receptor type, D	-55.22	-6.86
Ptprf	Protein tyrosine phosphatase, receptor type, F	-3.99	-8.00
Ptprg	Protein tyrosine phosphatase, receptor type, G	-2.00	2.05
Ptprj	Protein tyrosine phosphatase, receptor type, J	-1.31	1.21
Ptprk	Protein tyrosine phosphatase, receptor type, K	-1.19	1.29
Pycr1	Pyrroline-5-carboxylate reductase 1	1.19	-1.31

Rab27a	RAB27A, member RAS oncogene family	2.03	-3.25
Rasl11a	RAS-like, family 11, member A	-1.62	1.43
Rbfa	Ribosome binding factor A	-1.38	1.29
Rhou	Ras homolog family member U	-1.23	-1.47
Rin3	Ras and Rab interactor 3	-4.45	1.40
Rnf128	Ring finger protein 128	1.45	-1.41
Rnf130	Ring finger protein 130	1.48	-3.56
Rnf150	Ring finger protein 150	-1.49	2.70
Rpl12	Ribosomal protein L12	-1.09	-1.26
Rplp0	Ribosomal protein, large, P0	-1.11	-1.28
Rplp1	Ribosomal protein, large, P1	-1.10	-1.36
Rps19bp1	Ribosomal protein S19 binding protein 1	1.28	-1.32
Rps3	Ribosomal protein S3	-1.09	-1.13
Rps6ka6	Ribosomal protein S6 kinase polypeptide 6	1.19	-1.38
Rragd	Ras-related GTP binding D	-1.54	-1.17
Runx1	Runt related transcription factor 1	-1.25	1.13
Ruvbl2	RuvB-like protein 2	-1.11	-1.25
Sap30	Sin3 associated polypeptide	1.18	-1.27
Scarb2	Scavenger receptor class B, member 2	1.35	1.14
Sdc1	Syndecan 1	1.14	-1.11
Sec14l1	SEC14-like lipid binding 1	1.30	-1.17
Sema3f	Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	1.22	-1.57
Serpinh1	Serine (or cysteine) peptidase inhibitor, clade H, member 1	1.20	-1.21
Sgms2	Sphingomyelin synthase 2	-1.45	1.23
Sh3rf3	SH3 domain containing ring finger 3	-1.63	1.72
Slc22a23	Solute carrier family 22, member 23	-1.63	1.29
Slc39a11	Solute carrier family 39 (metal ion transporter), member 11	1.28	1.84
Slc6a17	Solute carrier family 6 (neurotransmitter transporter), member 17	1.29	-2.20
Slc7a1	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	1.13	-1.16
Slc7a5	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	1.23	-1.12
Slc9a3r2	Solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 2	1.28	-1.39
Slco2a1	Solute carrier organic anion transporter family, member 2a1	1.85	1.43
Smim1	Small integral membrane protein 1	1.76	1.43
Smim10l2a	Small integral membrane protein 10 like 2A	2.46	-3.54
Smpd3	Sphingomyelin phosphodiesterase 3, neutral	1.42	-1.26
Snhg5	Small nucleolar RNA host gene 5	-1.22	-1.57

Snx30	Sorting nexin family member 30	1.13	-1.18
Soga1	Suppressor of glucose, autophagy associated 1	-1.23	1.30
Sorbs2	Sorbin and SH3 domain containing 2	3.42	-11.89
Spta1	Spectrin alpha, erythrocytic 1	-116.32	1.99
Sptb	Spectrin beta, erythrocytic	1.27	-1.53
Sptlc2	Serine palmitoyltransferase, long chain base subunit 2	1.29	1.15
Srgap3	SLIT-ROBO Rho GTPase activating protein 3	-23.82	-4.05
Srxn1	Sulfiredoxin 1 homolog (S. cerevisiae)	-1.20	1.16
Stc2	Stanniocalcin 2	1.53	-1.70
Sv2a	Synaptic vesicle glycoprotein 2 a	1.46	-2.20
Syt12	Synaptotagmin XII	-1.27	1.26
Syt13	Synaptotagmin XIII	-2.12	-1.19
Sytl2	Synaptotagmin-like 2	-1.78	-48.45
Tbc1d2	TBC1 domain family, member 2	1.42	-13.53
Tbc1d9	TBC1 domain family, member 9	-1.19	1.32
Tceal8	Transcription elongation factor A (SII)-like 8	-122.82	1.34
Tdrkh	Tudor and KH domain containing protein	2.05	-1.49
Tesc	Tescalcin	-39.09	-1.58
Tex2	Testis expressed gene 2	-1.43	-1.26
Tinagl1	Tubulointerstitial nephritis antigen-like 1	1.55	1.27
Tmcc3	Transmembrane and coiled coil domains 3	1.38	-1.50
Tmed8	Transmembrane p24 trafficking protein 8	-1.22	1.21
Tmeff2	Transmembrane protein with EGF-like and two follistatin-like domains 2	-2.48	1.59
Tmsb4x	Thymosin, beta 4, X chromosome	-10.67	3.11
Tnfrsf21	Tumor necrosis factor receptor superfamily, member 21	-1.77	-1.35
Tns1	Tensin 1	1.27	1.15
Tns2	Tensin 2	1.34	1.14
Tns3	Tensin 3	1.12	-1.19
Trp53i11	Transformation related protein 53 inducible protein 11	-6.39	-1.59
Trpm6	Transient receptor potential cation channel, subfamily M, member 6	1.95	-2.18
Trps1	Transcriptional repressor GATA binding 1	-1.43	1.74
Tsc22d3	TSC22 domain family, member 3	1.24	-1.25
Tspan13	Tetraspanin 13	2.02	-1.51
Tspan7	Tetraspanin 7	1.34	-1.50
Tspo	Translocator protein	1.30	-1.45
Tst	Thiosulfate sulfurtransferase, mitochondrial	1.23	-1.17
Tuba1b	Tubulin, alpha 1B	-1.09	-1.22
Tubb3	Tubulin, beta 3 class III	1.41	-1.95
Tubb4a	Tubulin, beta 4A class IVA	1.13	-1.50



Uchl1	Ubiquitin carboxy-terminal hydrolase L1	1.50	-2.03
Ubp1	UL16 binding protein 1	-1.61	-4.23
Upk1b	Uroplakin 1B	-4.99	7.41
Upk3b	Uroplakin 3B	1.64	-1.67
Vamp5	Vesicle-associated membrane protein 5	1.25	-1.24
Vat1l	Vesicle amine transport protein 1 like	-16.49	2.33
Vegfa	Vascular endothelial growth factor A	1.42	-1.14
Vldlr	Very low density lipoprotein receptor	1.61	-4.77
Wfdc1	WAP four-disulfide core domain 1	1.83	-1.35
Wisp1	WNT1 inducible signaling pathway protein 1	1.26	-1.62
Wnt10a	Wingless-type MMTV integration site family, member 10A	-1.75	-5.42
Xlr3a	X-linked lymphocyte-regulated 3A	-14.21	13.83
Xpnpep2	X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound	2.08	-3.94
Zeb1	Zinc finger E-box binding homeobox 1	-1.50	1.25
Zfhx3	Zinc finger homeobox 3	-2.07	-1.33
Zfp202	Zinc finger protein 202	-56.88	2.88
Zfp345	Zinc finger protein 345	-6.03	2.21
Zfp518b	Zinc finger protein 518B	-1.27	-1.68
Zfp704	Zinc finger protein 704	-1.33	1.25
Zfp870	Zinc finger protein 870	-77.96	2.38
Zfp991	Zinc finger protein 991	1.88	-2.24
Zfpm1	Zinc finger protein, multitype 1	1.58	-1.77

**Supplementary Table 1. Differentially expressed genes shared between WT vs. AHR-/-, WT vs TSPO-/-, and AHR-/- vs. TSPO-/- comparisons (padj<0.05) (Fold change to WT)**