

Table 2. Genes whose expression significantly differs between ILCs and IDCs identified by SAM*

Cell adhesion /motility	AOC3 ↑ ^Φ	amine oxidase, copper containing 3 (vascular adhesion protein 1)	CD36 ↑ ^Φ	CD36 antigen (collagen type I receptor, thrombospondin receptor)
	ANXA1 ↑ ^Φ	annexin A1	VWF↑ ^Φ	von Willebrand factor
	MMRN↑ ^Φ	multimerin	ITGA7↑ ^Φ	integrin, alpha 7
	SORBS1 ↑ ^Φ	sorbin and SH3 domain containing 1	NCAM1↑	neural cell adhesion molecule 1
	ENPP2↑ ^Φ	ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin)	PTGS2 ↑	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
	CDH1↓ ^Φ	cadherin 1, type 1, E-cadherin (epithelial)	TNF ↓	tumor necrosis factor (TNF superfamily, member 2)
	PAK4↓	p21(CDKN1A)-activated kinase 4	PKP3 ↓	plakophilin 3
	F11R ↓	F11 receptor		
Lipid/fatty acid transport and metabolism	CD36 ↑ ^Φ	CD36 antigen (collagen type I receptor, thrombospondin receptor)	FACL4↑	fatty-acid-Coenzyme A ligase, long-chain 4
	ANXA1 ↑ ^Φ	annexin A1	LPL↑ ^Φ	lipoprotein lipase
	AKRIC2 ↑	aldo-keto reductase family 1, member C2	PLA2G2A ↑	phospholipase A2, group IIA (platelets, synovial fluid)
	PLIN↑ ^Φ	perilipin	CRBPV↑ ^Φ	retinoid binding protein 7
	FABP4↑ ^Φ	fatty acid binding protein 4, adipocyte	ALOX15B ↑	arachidonate 15-lipoxygenase, second type
	FADS2↓ ^Φ	fatty acid desaturase 2	SAA2 ↑ ^Φ	serum amyloid A2
Immune/defense response	AOC3 ↑ ^Φ	amine oxidase, copper containing 3 (vascular adhesion protein 1)	ANXA1 ↑ ^Φ	annexin A1
	CCL23↑	chemokine (C-C motif) ligand 23	CHIT1↑ ^Φ	chitinase 1 (chitotriosidase)
	SAA1↑ ^Φ	serum amyloid A1	SAA2 ↑ ^Φ	serum amyloid A2
	SAA4↑	serum amyloid A4	LY64↑	lymphocyte antigen 64 homolog (mouse)
	PTGS2 ↑	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	TNFSF12↑	tumor necrosis factor (ligand) superfamily, member 12
	CNIH↓	cornichon homolog (Drosophila)	F11R ↓	F11 receptor
	G1P2↓	interferon, alpha-inducible protein (clone IFI-15K)		
Electron transport	ALDH1A1↑	aldehyde dehydrogenase 1 family, member A1	ALDH1A2↑ ^Φ	aldehyde dehydrogenase 1 family, member A2
	AKRIC1↑	aldo-keto reductase family 1, member C1	AKRIC2 ↑	aldo-keto reductase family 1, member C2
	AOC3 ↑ ^Φ	amine oxidase, copper containing 3 (vascular adhesion protein 1)	ALOX15B ↑	arachidonate 15-lipoxygenase, second type
	COX7A1↑	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle)	FMO2↑ ^Φ	flavin containing monooxygenase 2
	FTHFD↑	formyltetrahydrofolate dehydrogenase	GPX3↑ ^Φ	glutathione peroxidase 3 (plasma)
	CYB561↓ ^Φ	cytochrome b-561		
nucleosome assembly	HIST1H1C↓ ^Φ	histone 1, H1c	HIST1H2AC↓ ^Φ	histone 1, H2ac
	HIST1H2AL↓	histone 1, H2al	HIST1H2BL↓	histone 1, H2bl
	HIST1H2BD↓	histone 1, H2bd	HIST1H3D↓	histone 1, H3d
	HIST1H2BJ↓	histone 1, H2bj	HIST2H2AA↓ ^Φ	histone 2, H2aa
	HIST1H2BK↓	histone 1, H2bk	HIST3H2A↓	histone 3, H2a
	HIST2H2BE↓ ^Φ	histone 2, H2be		

↑ indicates upregulation in ILCs and ↓ indicates downregulation in ILCs.

*Genes in bold are involved in multiple biological processes included.

Φ Genes also identified by PAM analysis performed on the same data as used in the SAM analysis above.