

Table S3 Enriched GO terms (only significantly enriched GO terms were listed)

GO ID	Level	Description	Hits	Enrichment	Genes
GO:003024	3	carbohydrate binding	5	0.026	COLEC11, CXCL6, TINAG, SFTP, MF
GO:001545	2	auxiliary transport protein activity	2	0.046	SCN4B, DZIP3 MF
GO:001624	3	channel regulator activity	2	0.046	SCN4B, DZIP3 MF
GO:001085	3	cyclase regulator activity	1	0.045	GUCA1B MF
GO:004442	2	extracellular region part	13	0.014	COLEC11, CXCL6, CCL19, BSP1, CC
GO:000557	2	extracellular region	18	0.015	SPINK1, COLEC11, HTRA4, CXCL6, CC
GO:005164	3	establishment of localization in cell	15	0.001	SCIN, RAB3A, MYLK2, GDAP1, ITBP
GO:000695	3	immune response	11	0.002	CX3CR1, CXCL6, CCL19, BOLA-1, BP
GO:005164	3	cellular localization	15	0.003	SCIN, RAB3A, MYLK2, GDAP1, ITBP
GO:000181	3	cytokine production	6	0.005	CXCL6, IL6, IL1B, IRF9, TLR7, IL1, BP
GO:000177	3	leukocyte homeostasis	3	0.007	CXCL6, IL6, IL2 BP
GO:001972	3	cellular homeostasis	8	0.008	DZIP3, DHRS7C, IL6, SCN4B, TXNIP, BP
GO:003287	3	regulation of localization	10	0.01	SCIN, RAB3A, MYLK2, DHRS7C, BP
GO:005123	3	regulation of multicellular organismal process	13	0.011	SCIN, RAB3A, MYLK2, CX3CR1, BP
GO:004233	3	taxis	4	0.011	CX3CR1, CXCL6, IL1B, CCL8 BP
GO:000237	2	immune system process	13	0.012	SCIN, CX3CR1, CXCL6, CCL19, B2M, BP
GO:005128	3	negative regulation of sequestering of calcium ion	2	0.016	DHRS7C, DRD1 BP
GO:003284	3	regulation of homeostatic process	3	0.025	DHRS7C, IL2, DRD1 BP
GO:000165	3	temperature homeostasis	2	0.028	IL1B, DRD1 BP
GO:005109	3	negative regulation of developmental process	8	0.038	DZIP3, CX3CR1, KCNA3, IL1B, ITBP
GO:000681	3	transport	25	0.04	SCIN, RAB3A, MYLK2, KCND3, CACNA1C, BP
GO:005170	3	response to other organism	5	0.041	CXCL6, IL6, KRT8, IL1B, TLR7 BP
GO:005123	3	maintenance of location	3	0.041	DHRS7C, IL1B, DRD1 BP
GO:003250	2	multicellular organismal process	27	0.042	HOXC11, COLEC11, SCIN, GUCA1B, BP
GO:005123	2	establishment of localization	25	0.043	SCIN, RAB3A, MYLK2, KCND3, CACNA1C, BP
GO:002170	3	developmental maturation	3	0.044	RAB3A, BSP1, STXBP1 BP
GO:006500	3	regulation of biological quality	15	0.047	DZIP3, SCIN, RAB3A, HTRA4, CXCL6, BP