

ILC2:extracellular

endothelial:membrane

CCL17

ICAM1

VCAM1

CCL22

ILC2:membrane

CCR4

ILC2:cytosol

GNAI1;GNAI2;
GNAI3;GNAO1;
GNAZ

*Phosphatidylinositol
4-phosphate

PLCB3

GNB1;GNB2;GNB3;GNB4;
GNB5;GNG10;GNG11;GNG12;
GNG13;GNG2;GNG3;GNG4;GNG5;
GNG7;GNG8;GNCT1;GNCT2

SRC

*PtdIns(4,5)P2

*IP3

PLCB2

1,2-Diacylglycerol

PIK3CG

*PtdIns(3,4,5)P3

PRKCD

PIP5K1C

TLN1;
TLN2

ILC2:endoplasmic reticulum

ITPR1;
ITPR2;
ITPR3

*Ca('2+)

RASGRP2

*Ca('2+)

RAP1A

RASSF5

CYTH1

ITGAL;
ITGB2

ITGA4;
ITGB1

**Trans-endothelial
immune cell
migration

**T cell
chemotaxis
to skin

**Immune
response

**T cell
chemotaxis
to lung

**Allergic
inflammation

**Atopic
dermatitis (AD)

