

IL-34-DEFICIENT REPORTER MICE (IL34 LACZ/LACZ)

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Mouse strain deficient in IL-34 production with defective Langerhans cells and microglia. These mice can be used to assess the role of the cytokine IL-34 in the development and maintenance of peripheral macrophage populations.

Publication: Wang, Y., Szretter, K. J., Vermi, W., Gilfillan, S., Rossini, C., Cella, M., ... & Colonna, M. (2012). [IL-34 is a tissue-restricted ligand of CSF1R required for the development of Langerhans cells and microglia](#). *Nature immunology*, 13(8), 753-760.