AsCas12a gene-edited iPSC-derived NK cells constitutively expressing CD16 and membrane-bound IL-15 demonstrate prolonged persistence and robust anti-tumor activities in a solid tumor mouse model

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OBJECTIVE

To understand the functional enhancements of knocking-in CD16 and membrane-bound interleukin-15 (mblL-15) into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and differentiating those iPSCs into induced pluripotent stem cells (iPSCs) using AsCas12a and diPSCs into induced pluripotent stem cells (iPSCs) using natural killer (iNK) cells

- conferring a unique advantage to this method.
- in more robust ADCC.
- supplementation.³
- drive better ADCC and persistence of iNK cells.



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