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(54) **Title:** MODIFIED NATURAL KILLER CELLS AND USES THEREOF

(57) **Abstract:** The present invention provides, in certain aspects, a natural killer (NK) cell that expresses all or a functional portion of interleukin-15 (IL-15), and methods for producing such cells. The invention further provides methods of using a natural killer (NK) cell that expresses all or a functional portion of interleukin-15 (IL-15) to treat cancer in a subject or to enhance expansion and/or survival of NK cells.

