CHIMERIC RECEPTORS TARGETING ADGRE2 AND/OR CLEC12A AND USES THEREOF

ABSTRACT

The presently disclosed subject matter provides for chimeric receptors that target ADGRE2 and chimeric receptors that target CLEC12A. The presently disclosed subject matter also provides for cells comprising the ADGRE2 -targeted chimeric receptors, cells comprising the CLEC12A-targeted chimeric receptors, and cells comprising the ADGRE2-targeted chimeric receptors and the CLEC12A-targeted chimeric receptors. The presently disclosed subject matter further provides uses of such cells for treating tumors, e.g., AML.

FIGURE 1A