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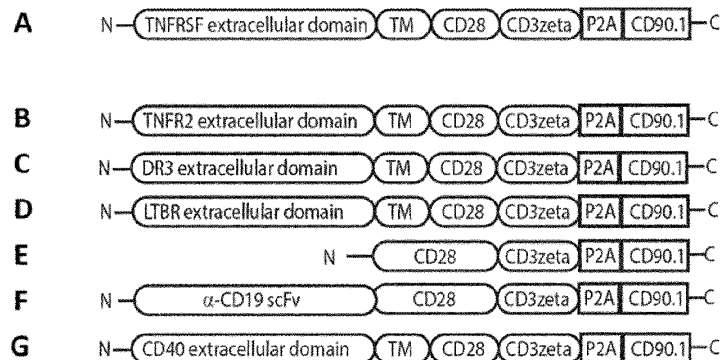
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(54) Title: ARTIFICIAL IMMUNE RECEPTORS

FIGURE 1



(57) Abstract: The present disclosure provides novel polypeptides, so called artificial immune receptors or AIRs, that are novel tools for cellular therapies. AIR-expressing regulatory T cells sense these environmental signals and translate them into a Treg TCR-like activating program, enabling Treg cells to fulfill their suppressive and tissue protective functions, independent of a specific TCR- or CAR- antigen and independent of endogenous TCR-MHC restriction.

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