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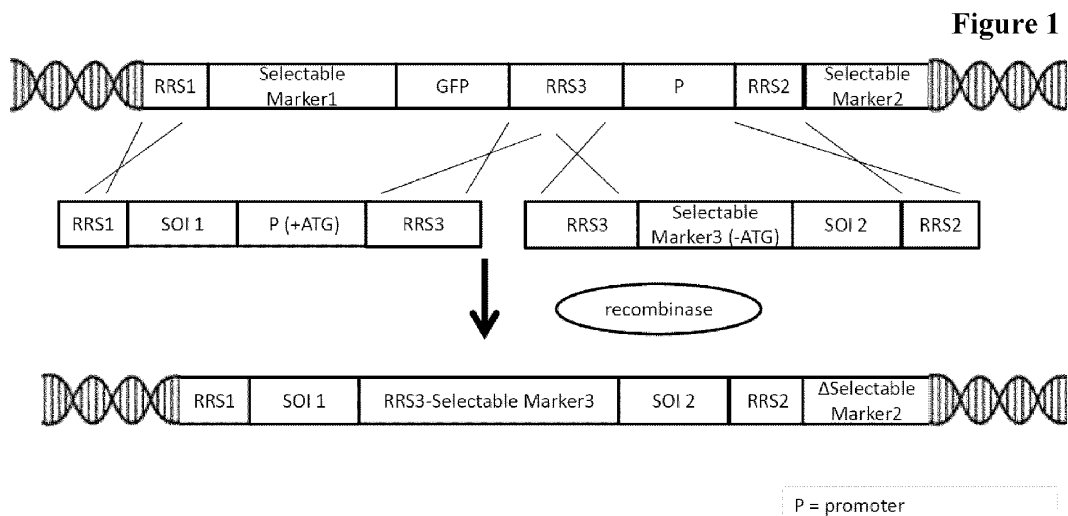
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(54) **Title:** METHOD FOR THE GENERATION OF AN FC γ RN EXPRESSING CELL BY TARGETED INTEGRATION OF MULTIPLE EXPRESSION CASSETTES IN A DEFINED ORGANIZATION



(57) **Abstract:** Herein is reported a method for producing C-terminally biotinylated Fc γ Rn comprising the steps of cultivating a mammalian cell comprising a deoxyribonucleic acid encoding Fc γ Rn and E.coli biotin-[acetyl-CoA-carboxylase] ligase (BirA) in a biotin containing medium, and recovering C-terminally biotinylated Fc γ Rn from the cell or the cultivation medium, wherein the deoxyribonucleic acid encoding Fc γ Rn and E.coli BirA is stably integrated into the genome of the mammalian cell and comprises in 5'- to 3'-direction a first expression cassette encoding class I major histocompatibility complex-like protein (α -Fc γ Rn) comprising a HisAvi-tag at the C-terminus, a second expression cassette encoding β 2-microglobulin (β 2m), a third expression cassette encoding class I major histocompatibility complex-like protein (α -Fc γ Rn) comprising a HisAvi-tag at the C-terminus, a fourth expression cassette encoding β 2-microglobulin (β 2m), and a fifth expression cassette encoding E.coli biotin-[acetyl-CoA-carboxylase] ligase.

[Continued on next page]

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