CLAIMS

1. A method for immunotherapy comprising administration of an antibody to a subject in need thereof, wherein the antibody is obtainable by a method comprising the following steps:

   (1) providing an engineered B lymphocyte obtainable by a method for editing the genome of an isolated B lymphocyte comprising the following steps:

      (i) activating endogenous activation-induced cytidine deaminase of the B lymphocyte; and

      (ii) introducing a DNA molecule comprising a nucleotide sequence encoding a (poly)peptide of interest into the B lymphocyte,

   wherein the B lymphocyte comprises an edited immunoglobulin gene locus comprising a heterologous insert comprising a nucleotide sequence encoding the (poly)peptide of interest inserted in its switch region;

   (2) culturing the engineered B lymphocyte or the B cell line; and

   (3) isolating the antibody or the fragment thereof comprising the (heterologous) (poly)peptide of interest from the B cell culture.