Patent Claims

1. An expression plasmid comprising in 5' to 3' direction a promoter sequence, a nucleic acid encoding an antibody heavy chain or an antibody light chain, an IRES element, a nucleic acid sequence encoding a selection marker, and a polyA signal sequence, whereby the IRES element is the EMCV-IRES element.

2. Use of an expression cassette comprising in 5' to 3' direction a promoter sequence, a nucleic acid encoding an antibody heavy chain or an antibody light chain, an IRES element, a nucleic acid sequence encoding a selection marker, and a polyA signal sequence for the selection of antibody producing cells, whereby the IRES element is the EMCV-IRES element.

3. A method for the selection of eukaryotic cell expressing an antibody comprising the following steps:

   - cultivating a eukaryotic cell comprising i) an expression plasmid according to claim 1 and ii) a nucleic acid encoding the respective other antibody chain not encoded by the expression plasmid according to claim 1,
   - selecting a cell expressing the detectable polypeptide.

4. An expression plasmid comprising in 5' to 3' direction a promoter sequence, a nucleic acid encoding an antibody light chain, an IRES element, a nucleic acid sequence encoding an antibody heavy chain, and a polyA signal sequence, whereby the IRES element is the EV71-IRES element.

5. Use of an expression plasmid comprising in 5' to 3' direction a promoter sequence, a nucleic acid encoding an antibody light chain, an IRES element, a nucleic acid sequence encoding an antibody heavy chain, and a polyA signal sequence, for the expression of an antibody, whereby the IRES element is the EV71-IRES element.

6. A method for the selection of eukaryotic cell expressing an antibody comprising the following steps:

   - cultivating a eukaryotic cell comprising i) an expression plasmid according to claim 4 and ii) a nucleic acid encoding the respective other

antibody chain not encoded by the expression plasmid according to claim 4,

- selecting a cell expressing the detectable polypeptide.

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