Claims

1. A *Pichia* sp. yeast comprising an expression vector comprising a polynucleotide encoding a human immunoglobulin Fc fragment into *Pichia* sp. Yeast, wherein the expression vector is pPIC9K-IgG4Fc, as represented by the cleavage map of FIG. 1, or pPIC9K-mPSCFc, as represented by the cleavage map of FIG. 2, and the immunoglobulin Fc fragment comprises an amino acid sequence represented by SEQ ID NO: 10 or SEQ ID NO: 11.

2. The *Pichia* sp. yeast of claim 1, wherein the *Pichia* sp. yeast is *Pichia pastoris*.

3. The *Pichia* sp. yeast of claim 1, wherein the expression vector is pPIC9K-mPSCFc, as represented by the cleavage map of FIG. 2, and the immunoglobulin Fc fragment comprises an amino acid sequence represented by SEQ ID NO: 11.

4. The *Pichia* sp. yeast of claim 1, wherein the polynucleotide comprises a nucleotide sequence represented by SEQ ID NO: 1 or SEQ ID NO: 2.

5. The *Pichia* sp. yeast of claim 1, being *Pichia (Komagataella) pastoris* HMC041 (Accession No. KCCM11348P) or *Pichia (Komagataella) pastoris* HMC042 (Accession No. KCCM11350P).

6. A method for producing an immunoglobulin Fc fragment, comprising:
   (a) culturing the *Pichia* sp. yeast of any one of claims 1 to 5; and
   (b) recovering the immunoglobulin Fc fragment from the culture.

7. An immunoglobulin Fc fragment, prepared by the method of claim 6, for use as a drug carrier.