

Title (en)

METHOD FOR PRODUCING VARIANTS HAVING AN FC WITH IMPROVED SIALYLATION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VARIANTEN MIT EINEM FC MIT VERBESSERTER SIALYLIERUNG

Title (fr)

PROCÉDÉ DE PRODUCTION DE VARIANTS AYANT UN FC PRÉSENTANT UNE SIALYLATION AMÉLIORÉE

Publication

**EP 3174904 A1 20170607 (FR)**

Application

**EP 15759880 A 20150731**

Priority

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Abstract (en)

[origin: WO2016016586A1] The present invention relates to a method for increasing the sialylation of an Fc fragment, comprising a step of mutating at least one amino acid chosen from the amino acids in positions 240 to 243, 258 to 267 and 290 to 305 of said Fc fragment, the numbering being that of the EU index or equivalent in Kabat. The present invention also relates to a method for producing a variant of a parent polypeptide comprising an Fc fragment, said variant having improved sialylation of said Fc fragment relative to the parent polypeptide, which comprises a step of mutating at least one amino acid chosen from the amino acids in positions 240 to 243, 258 to 267 and 290 to 305 of said Fc fragment, the numbering being that of the EU index or equivalent in Kabat.

IPC 8 full level

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Citation (search report)

See references of WO 2016016586A1

Citation (examination)

- WO 2011122011 A2 20111006 - CHUGAI PHARMACEUTICAL CO LTD [JP], et al
- WO 2008150494 A1 20081211 - XENCOR INC [US], et al
- EP 2679681 A1 20140101 - CHUGAI PHARMACEUTICAL CO LTD [JP]

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DOCDB simple family (application)

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