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(71) Applicants *(for all designated States except US)*: **ABLYNX NV** [BE/BE]; Technologiepark 21, B-9052 Zwijnaarde (BE). **MERCK PATENT GMBH** [DE/DE]; Frankfurter Str. 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KNUEHL, Christine** [DE/DE]; Schlossstrasse 33, 64297 Darmstadt (DE). **HOCK, Bjoern** [DE/DE]; Friedrich-Ebert-Strasse 53, 63477 Maintal (DE). **HOFMEISTER, Robert** [DE/US]; 15 Three Ring Road, Scituate, Massachusetts 02066 (US). **BESTE, Gerald** [DE/BE]; Jozef Kluyskensstraat 25 bus 20, B-9000 Gent (BE). **REVETS, Hilde Adi Pierrette** [BE/BE]; D-Kapellelaan 229, B-1860 Meise (BE). **VERDONCK, Frank Kamiel Delphina** [BE/BE]; Steenweg Hulst-Lessen 77A, B-9140 Elversele (BE). **CORNELIS, Sigrid Godelieve Victor** [BE/BE]; Twee Dreven 92, B-9830 Sint-Martens-Latem (BE).

(74) Agent: **ALT, Michael**; Bird & Bird LLP, Pacellistrasse 14, 80333 Munich (DE).

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(54) Title: BIOLOGICAL MATERIALS RELATED TO HER3

(57) Abstract: The present disclosure relates to amino acid sequences that are directed against (as defined herein) HER3, as well as to compounds or constructs, and in particular proteins and polypeptides, that comprise or essentially consist of one or more such amino acid sequences (also referred to herein as "amino acid sequences of the invention", "compounds of the invention", and "polypeptides of the invention", respectively). The disclosure also relates to nucleic acids encoding such amino acid sequences and polypeptides (also referred to herein as "nucleic acids of the invention" or "nucleotide sequences of the invention"); to methods for 10 preparing such amino acid sequences and polypeptides; to host cells expressing or capable of expressing such amino acid sequences or polypeptides; to compositions, and in particular to pharmaceutical compositions, that comprise such amino acid sequences, polypeptides, nucleic acids and/or host cells; and to uses of such amino acid sequences or polypeptides, nucleic acids, host cells and/or compositions, in particular for prophylactic, therapeutic or diagnostic purposes, such as the prophylactic, therapeutic or diagnostic purposes mentioned herein.