

Free text

32. "Free text" is a wording describing characteristics of the sequence under numeric identifier <223> (Other information) which does not use language-neutral vocabulary as referred to in paragraph 1(vii).
33. The use of free text should be limited to a few short terms indispensable for the understanding of the sequence. It should not exceed four lines with a maximum of 65 characters per line for each given data element. Any further information shall be included in the main part of the description in the language thereof.
34. Any free text may be in the German or the English language.
35. Where the sequence listing part of the description contains free text, any such free text shall be repeated in the main part of the description in the language thereof. It is recommended that the free text in the language of the main part of the description be put in a specific section of the description called "sequence listing free text".

Subsequently furnished sequence listing

36. Any sequence listing which is not contained in the application as filed but which is furnished subsequently shall not go beyond the disclosure of the sequences indicated in the application. The subsequently furnished sequence listing shall be accompanied by a statement confirming that fact. This means that a sequence listing furnished subsequently to the filing of the application shall contain only those sequences that have been contained in the application as filed.
37. Any sequence listing not contained in the application as filed does not form part of the disclosure of the invention. It is possible for a sequence listing contained in the application as filed to be corrected under Section 11(3) by remedying the deficiencies.

Computer readable form of the sequence listing

38. A copy of the sequence listing contained in the application shall also be submitted in computer readable form.
39. Any sequence listing in computer readable form submitted in addition to the written sequence listing shall be identical to the written sequence listing and shall be accompanied by a statement that "the information recorded in computer readable form is identical to the written sequence listing".
40. The entire printable copy of the sequence listing shall be contained within one electronic file preferably on a single diskette or any other electronic medium that is acceptable to the German Patent and Trade Mark Office. The file shall be encoded using IBM² Code Page 437, IBM Code Page 932³ or a compatible code page. A compatible code page, as would be required

for, for example, Japanese, Chinese, Cyrillic, Arabic, Greek or Hebrew characters, is one that assigns the Roman alphabet and numerals to the same hexadecimal positions as do the specified code pages.

41. The following media types and formats shall be acceptable for machine-readable sequence listings:

Physical medium	Type	Format
CD-R	120 mm Recordable Disk	ISO 9660
DVD-R	120 mm DVD-Recordable Disk	complying with ISO 9660 or OSTA UDF (1.02)
DVD+R	120 mm DVD-Recordable Disk (4.7 GB)	complying with ISO 9660 or OSTA UDF (1.02 or higher)

42. The computer readable version may be created by any means. However, it shall correspond to the formats indicated by the German Patent and Trade Mark Office. It should preferably be created by dedicated special software such as PatentIn.
43. File compression is acceptable when using physical data carriers, so long as the compressed file is in a self-extracting format that will decompress on an operating system (MS Windows) that is acceptable to the German Patent and Trade Mark Office. Likewise files relating as regards their contents may be compressed in a non-self-extracting format, if the archive file exists in ZIP format in the version of 13 July 1998 and neither contains other ZIP archives nor a directory structure.
44. The physical data carrier shall have a label permanently affixed thereto on which has been hand-printed, in block capitals or typed, the name of the applicant, the title of the invention, a reference number, the date on which the data were recorded, the computer operating system.
45. If the physical data carrier is submitted after the date of filing of an application, the labels shall also include the filing date of the application and the application number. Corrections or amendments relating to the sequence listing shall be submitted in writing and in machine-readable form.
46. Any correction of the printed version of the sequence listing which is submitted under PCT Rules 13^{ter} 1(a)(i) or 26.3, any rectification of an obvious error in the printed version which is submitted, based on PCT Rule 91, or any addition which was integrated into the printed version of the sequence listing under PCT Article 34, shall additionally be submitted in an enhanced version of the sequence listing in a machine-readable form including any such additions.

² IBM is a registered trademark of International Business Machine Corporation, United States of America.

³ The specified code pages are *de facto* standards for personal computers.

Symbol	Meaning
m5c	5-methylcytidine
m6a	N6-methyladenosine
m7g	7-methylguanosine
mam5u	5-methylaminomethyluridine
mam5s2u	5-methoxyaminomethyl-2-thiouridine
man q	beta,D-mannosylqueuosine
mcm5s2u	5-methoxycarbonylmethyl-2-thiouridine
mcm5u	5-methoxycarbonylmethyluridine
mo5u	5-methoxyuridine
ms2i6a	2-methylthio-N6-isopentenyladenosine
ms2t6a	N-((9-beta-D-ribofuranosyl-2-methylthiopurine-6-yl)carbamoyl)threonine
mt6a	N-((9-beta-D-ribofuranosylpurine-6-yl)N-methylcarbamoyl)threonine
mv	uridine-5-oxyacetic acid-methylester
o5u	uridine-5-oxyacetic acid(v)
osyw	wybutoxosine
p	pseudouridine
q	queuosine
s2c	2-thiocytidine
s2t	5-methyl-2-thiouridine
s2u	2-thiouridine
s4u	4-thiouridine
t	5-methyluridine
t6a	N-((9-beta-D-ribofuranosylpurine-6-yl)carbamoyl)threonine
tm	2'-O-methyl-5-methyluridine
um	2'-O-methyluridine
yw	wybutosine
x	3-(3-amino-3-carboxy-propyl)uridine,(acp3)u

Symbol	Meaning
Ala	Alanine
Cys	Cysteine
Asp	Aspartic Acid
Glu	Glutamic Acid
Phe	Phenylalanine
Gly	Glycine
His	Histidine
Ile	Isoleucine
Lys	Lysine
Leu	Leucine
Met	Methionine
Asn	Asparagine
Pro	Proline
Gln	Glutamine
Arg	Arginine
Ser	Serine
Thr	Threonine
Val	Valine
Trp	Tryptophan
Tyr	Tyrosine
Asx	Asp or Asn
Glx	Glu or Gln
Xaa	unknown or other

Invalid as of 1 July 2022

