

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2022/135105

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of a sequence listing:
 - a. ☒ forming part of the international application as filed.
 - b. ☐ furnished subsequent to the international filing date for the purposes of international search (Rule 13ter.1(a)),
☐ accompanied by a statement to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.
2. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this report has been established to the extent that a meaningful search could be carried out without a WIPO Standard ST.26 compliant sequence listing.
3. Additional comments:

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A. CLASSIFICATION OF SUBJECT MATTER

C12N 1/16(2006.01)i;A23L 33/14(2016.01)i;A23L 33/145(2016.01)i;A23K 10/16(2016.01)i;A23K 10/18(2016.01)i;A23L 27/10(2016.01)i;C12R 1/645(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: C12N, A23L, A23K, C12R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNXTX, WPABS, WPABSC, OETXT, USTXTC, VEN, DWPI, CJFD; CNKI, 万方数据 WANFANG DATA, PubMed, Elsevier Science, ISI WEB of Science; GenBank+EMBL; 中国专利序列数据库 Chinese Patent Sequence Database: 酿酒酵母, 高蛋白, 蛋白高, 高产蛋白, 蛋白含量高, RNA, 谷氨酸, Saccharomyces, cerevisiae, yeast, high protein, high RNA, Glutamic acid, AMCC 30743, CCTCC 2021941, 对SEQ ID NO: 1的检索, search for SEQ ID NO: 1

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 113862164 A (CHINA NATIONAL RESEARCH INSTITUTE OF FOOD & FERMENTATION INDUSTRIES CO., LTD.; ANGEL YEAST CO., LTD.) 31 December 2021 (2021-12-31) see entire document	1-10
A	CN 109198167 A (ANGEL YEAST CO., LTD.) 15 January 2019 (2019-01-15) see abstract, and claims 1-14	1-10
A	CN 105919137 A (ANQI YEAST (CHONGZUO) CO., LTD.) 07 September 2016 (2016-09-07) see abstract, and claims 1-3	1-10
A	CN 108220175 A (ANGEL YEAST CO., LTD.) 29 June 2018 (2018-06-29) see abstract, claims 1 and 13, and description, embodiment 3	1-10
A	US 2020109428 A1 (THANH, L. Q.) 09 April 2020 (2020-04-09) see abstract	1-10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance
 “D” document cited by the applicant in the international application
 “E” earlier application or patent but published on or after the international filing date
 “L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 “O” document referring to an oral disclosure, use, exhibition or other means
 “P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&” document member of the same patent family

Date of the actual completion of the international search

2023年2月6日

Date of mailing of the international search report

17 February 2023

Name and mailing address of the ISA/CN

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CN)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	陈文明 等 (CHEN, Wenmining). "YE专用高蛋白高RNA酵母菌株的筛选及鉴定 (Screening and Identification of the High-protein and High-RNA Yeast Strain for YE Product)" 食品科技 (<i>Food Science and Technology</i>), Vol. 40, No. 4, 30 April 2015 (2015-04-30), see abstract, table 1 and table 2	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN	113862164	A	31 December 2021	None	
CN	109198167	A	15 January 2019	None	
CN	105919137	A	07 September 2016	None	
CN	108220175	A	29 June 2018	None	
US	2020109428	A1	09 April 2020	None	