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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 20552-2006

Replacing GB/T 20552-2006

**Pacific oyster
(English Translation)**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document replaces GB/T 20552-2006 "Pacific Oyster": Compared with GB/T 20552-2006, except for structural adjustment and editorial in addition to the modifications, the main technical changes are as follows:

- a) The classification status has been changed (see 4.2, 3:2 of the:2006 version);
- b) Changed the quantifiable trait ratio (see 5.2, 4:1:2:1 of the:2006 version);
- c) The relationship expressions between shell height and shell length, shell length and body weight have been deleted (see 4.1:2:3 of the:2006 edition);
- d) Deleted biochemical genetic characteristics and detection methods (see Chapter 7, 8:2 of the:2006 edition);
- e) Added description of molecular genetic characteristics and detection methods (see Chapter 8, 9:5);
- f) Added judgment rules (see Chapter 10):

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

1 Scope

The main morphological and structural characteristics, growth and reproduction characteristics, cytogenetic characteristics and molecular genetic characteristics were determined, and the corresponding detection methods were described:

The method provides the decision rules:

This document applies to the identification and testing of oyster germplasm:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 18654.2 Inspection of cultured fish germplasm Part 2: Sampling methods GB/T 22213 Aquaculture Terminology GB/T 32757 Shellfish karyotype analysis

3 Terms and definitions

The terms and definitions defined in GB/T 22213 and the following apply to this document:

shell height shelheight the maximum distance from the top of the shell to the ventral edge of the shell:

shell length

The length of the widest part between the front and rear edges perpendicular to the shell height and parallel to the stranded wires of the two shells:

4 Scientific name and classification

4.1

Scientific name

4.2

Classification status Mollusca, Bivalvia, Ostreida, Ostreidae, Cras-sostrea):

5 Main morphological and structural characteristics

5.1

External form

The shell is elongated and thin: The left shell is fixed, deeply sunken, and has thick scales; the right shell is flatter, with ringed, corrugated scales, sparsely arranged, and no radial ribs: