



UNIVERSITAS
GADJAH MADA

Somatic Embryogenesis of Arabica Coffee (*Coffea arabica* var. *caturra*) and Molecular Characterization

of the *RKD4* Homologous gene

Bimo Rizki Abdusshamad, Prof. Dr. Endang Semiarti, M.S.,M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

UNDERGRADUATE THESIS

SOMATIC EMBRYOGENESIS OF ARABICA COFFEE

(*Coffea arabica* var. *caturra*) AND MOLECULAR

CHARACTERIZATION OF THE *RKD4* HOMOLOGOUS GENE



Arranged by :

Bimo Rizki Abdusshamad

20/454384/BI/10403

**FACULTY OF BIOLOGY
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2024



UNIVERSITAS
GADJAH MADA

Somatic Embryogenesis of Arabica Coffee (*Coffea arabica* var. *caturra*) and Molecular Characterization

of the *RKD4* Homologous gene

Bimo Rizki Abdusshamad, Prof. Dr. Endang Semiarti, M.S.,M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

UNDERGRADUATE THESIS

SOMATIC EMBRYOGENESIS OF ARABICA COFFEE

(*Coffea arabica* var. *caturra*) AND MOLECULAR

CHARACTERIZATION OF THE *RKD4* HOMOLOGOUS GENE

Arranged to fulfill the requirements for obtaining a Bachelor of Science Degree in Biology Study Program



Undergraduate Thesis Supervisor:

Prof. Dr. Endang Semiarti, M.S., M.Sc.

Arranged by:

Bimo Rizki Abdusshamad

20/454384/BL/10403

**FACULTY OF BIOLOGY
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2024



UNIVERSITAS
GADJAH MADA

Somatic Embryogenesis of Arabica Coffee (*Coffea arabica* var. *caturra*) and Molecular Characterization of the *RKD4* Homologous gene

Bimo Rizki Abdusshamad, Prof. Dr. Endang Semiarti, M.S., M.Sc.
Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

VALIDATION PAGE

**SOMATIC EMBRYOGENESIS OF ARABICA COFFEE
(*Coffea arabica* var. *caturra*) AND MOLECULAR
CHARACTERIZATION OF THE *RKD4* HOMOLOGOUS GENE**

Undergraduate Thesis

Arranged by :

Bimo Rizki Abdusshamad

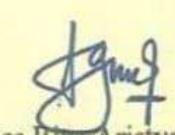
20/454384/BI/10403

This undergraduate thesis has been defended in front of the Examination Team on 22 August 2024 and declared to have fulfilled the requirements

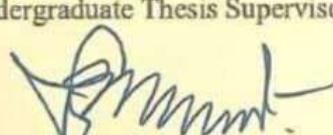
Yogyakarta, 24 September 2024
Faculty of Biology
Universitas Gadjah Mada

Examiners

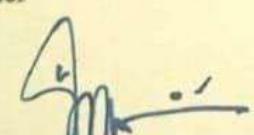
Chief Examiner


Ganies Riza Aristya, S.Si., M.Sc., Ph.D.
NIP. 198402162009122005

Undergraduate Thesis Supervisor


Prof. Dr. Endang Semiarti, M.S., M.Sc.
NIP. 196211231988032001

Examiner


Prof. Dr. Ratna Susandarini, M.Sc.
NIP. 1969040719 93032002