



p3.4 [p3.4BHI]

79117™

Description

Detects:

Genome: *Homo sapiens*

Gene symbol: IGHJ

Type of nucleic acid: genomic

Restriction enzyme: BglII

Number of alleles: 4

Type of polymorphism: INS/DEL

Alleles:

Allele Freq. Size (kb) Strains

A1 0.17 2.9

A2 0.27 3.0

A3 0.38 3.1

A4 0.16 3.3

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 3.3999999999999999

Type of DNA: genomic

Genome: Homo sapiens

Chromosome: 14

14 q32.33

Gene name: immunoglobulin heavy polypeptide, joining region

Gene product: immunoglobulin heavy polypeptide, joining region [IGHJ]

Gene symbol: IGHJ

Alleles: A1, A2, A3, A4

Contains complete coding sequence: Unknown

Insert end: BamHI

Vector Information

Construct size (kb): 7.800000190734863

Intact vector size: 4.363

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Vector name: pBR322**Type of vector:** plasmid**Construction:** pBR313**Host range:** *Escherichia coli***Vector end:** BamHI**Vector information:**

Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII**Markers:** ampR; tetR**Replicon:** pMB1

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--4.4, 3.4;

BglII--6.4, 1.4; EcoRI--7.8; EcoRV--7.8; PstI--7.8.

- ATCC staff

Enzymes(s) not detecting polymorphism: SstI, EcoRV, EcoRI, HaeIII, PvuII, PstI, TaqI, NdeI.

- personal communication

This fragment originates 1.25 kb 5' to a BglII site just 5' to the J(H) sequences.

- Nucleic Acids Res. 15: 3845-3857, 1987

Subcloned from Ch28-6.

- Nucleic Acids Res. 15: 3845-3857, 1987

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: p3.4 [p3.4BHI] (ATCC 79117)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

This information on this document was last updated on 2024-10-25

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