



# p3.4 [p3.4BHI]

## 79116™

### 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

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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### Storage Conditions

**Product format:** Freeze-dried

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### 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.

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## BSL 1

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## 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

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## Vector Information

**Construct size (kb):** 7.800000190734863

**Intact vector size:** 4.363

## p3.4 [p3.4BHI]

79116

**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

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## Growth Conditions

**Medium:**

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

**Temperature:** 37°C

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## 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

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

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### 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 79116)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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