



# pDRD2E5.6

95511™

## Description

Detects:

Genome: *Homo sapiens*

Gene symbol: DRD2

Type of nucleic acid: genomic

Restriction enzyme: TaqI

Number of alleles: 2

Type of polymorphism: site

Alleles:

Allele Freq. Size (kb) Strains

B1 0.13 4.5

B2 0.87 4.0

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Shipping information:** Rehydrate with TE

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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):** 5.5999999999999996

**Type of DNA:** genomic

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Insert 5' end: EcoRI

Insert 3' end: EcoRI

Cross references:

**Genome:** Homo sapiens

**Chromosome:** 11

11 q22.2-q22.3

**Gene name:** dopamine receptor D2

**Gene product:** dopamine receptor D2 [DRD2]

**Gene symbol:** DRD2

**Alleles:** A1, B1, B2, A2

**Contains complete coding sequence:** Unknown

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## Vector Information

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**Construct size (kb):** 8.5600004196167

**Intact vector size:** 2.961

**Vector name:** pBluescript II SK

**Type of vector:** phagemid

**Host range:** *Escherichia coli*

**Vector end:** EcoRI

**Cloning sites:** BssHII; KpnI; ApaI; DralI; XhoI; HincII; AclI; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Insert detection:** lacZ'

**Markers:** ampR

**Polylinker sites:** BssHII; KpnI; ApaI; DralI; XhoI; HincII; AclI; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Promoters:** T7; T3; lac

**Replicon:** pMB1; f1

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## Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.8, 3.0;

BamHI--8.0, 0.6; HindIII--8.6; PstI--4.0, 1.5, 1.35, 0.8, 0.5, 0.3;

HindIII/PstI--3.4, 1.5, 1.3, 0.8, 0.8, 0.5, 0.3.

- ATCC staff

The insert contains a 4.5Kb TaqI fragment. The downstream portion of pDRD2E5.6 overlaps the Suarez clone pH2-254.

- personal communication

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pDRD2E5.6 (ATCC 95511)

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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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## Contact Information

ATCC

10801 University Boulevard

## pDRD2E5.6

95511

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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