



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

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

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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.

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

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

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

Material Citation

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

References

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

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