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Link Github
https://github.com/micapaco/ExamenMercadolibreMutantes.git
Link Render
https://examenmercadolibremutantes.onrender.com/swagger-ui.html

PRUEBAS

- ADN MUTANTE(200)

Curl

```
curl -X 'POST' \
  'https://examenmercadolibremutantes.onrender.com/mutant' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "dna": [
    "ATGCGA",
    "CAGTGC",
    "TTATGT",
    "AGAAGG",
    "CCCCTA",
    "TCACTG"
  ]
}'
```

Request URL

```
https://examenmercadolibremutantes.onrender.com/mutant
```

Server response

Code	Details
200	**Response headers**

```
alt-svc: h3=":443"; ma=86400
cf-cache-status: DYNAMIC
cf-ray: 9a35b53fe9db1e80-EZE
content-length: 0
date: Mon,24 Nov 2025 03:09:32 GMT
priority: u=1,i
rndr-id: 74ed8e8f-c394-47f6
server: cloudflare
server-timing: cfExtPri
x-render-origin-server: Render
```

- ADN HUMANO(403)

Curl

```
curl -X 'POST' \
  'https://examenmercadolibremutantes.onrender.com/mutant' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "dna": [
    "ATGCGA",
    "CAGTGC",
    "TTATTT",
    "AGACGG",
    "GCGTCA",
    "TCACTG"
  ]
}'
```

Request URL

```
https://examenmercadolibremutantes.onrender.com/mutant
```

Server response

Code	Details
403	Error: response status is 403

Response headers

```
alt-svc: h3=":443"; ma=86400
cf-cache-status: DYNAMIC
cf-ray: 9a35be552f19e7a4-SCL
content-length: 0
date: Mon,24 Nov 2025 03:15:44 GMT
priority: u=1,i
rndr-id: 96c470a7-5455-4208
server: cloudflare
server-timing: cfExtPri
x-render-origin-server: Render
```

Responses

- ADN INVÁLIDO(400)

Curl

```
curl -X 'POST' \
  'https://examenmercadolibremutantes.onrender.com/mutant' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "dna": [
    "ATGXGA",
    "CAGTGC",
    "TTATGT",
    "AGAAGG"
  ]
}'
```

Request URL

```
https://examenmercadolibremutantes.onrender.com/mutant
```

Server response

Code	Details
400	Error: response status is 400

Response body

```
{
  "path": "/mutant",
  "error": "Bad Request",
  "message": "Validation failed: Invalid DNA sequence: must be a square NxN matrix (minimum 4x4) with only
  "timestamp": "2025-11-24T03:17:43.547033105",
  "status": 400
}
```

Response headers

```
alt-svc: h3=":443"; ma=86400
cf-cache-status: DYNAMIC
cf-ray: 9a35c1401e04b4fe-SCL
content-encoding: br
content-type: application/json
date: Mon,24 Nov 2025 03:17:43 GMT
priority: u=1,i
rndr-id: c49617d2-fed5-4699
server: cloudflare
server-timing: cfExtPri
vary: Accept-Encoding
x-render-origin-server: Render
```

Responses

Responses

Curl

```
curl -X 'GET' \
  'https://examenmercadolibremutantes.onrender.com/stats' \
  -H 'accept: */*'
```

Request URL

```
https://examenmercadolibremutantes.onrender.com/stats
```

Server response

Code	Details
200	**Response body**

```json
{
  "ratio": 1,
  "count_mutant_dna": 1,
  "count_human_dna": 1
}
```

Response headers

```
alt-svc: h3=":443"; ma=86400
cf-cache-status: DYNAMIC
cf-ray: 9a35c4d89874e9a1-SCL
content-encoding: br
content-type: application/json
date: Mon,24 Nov 2025 03:20:10 GMT
priority: u=1,i
rndr-id: 017bc51e-3414-4b66
server: cloudflare
server-timing: cfExtPri
vary: Accept-Encoding
x-render-origin-server: Render
```

Responses

Code	Description
200	Estadísticas obtenidas exitosamente