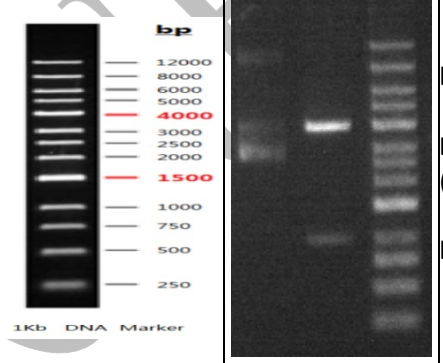
# CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| **Vector Name** | pARKANI | **Catalog No.** | V009453 |
| **Project/Lot No.** | G0390386-1/ YLH39297 | **Strain** | Top10 |
| **Quantity** | 100ug | **Resistance** | Kanamycin |

## QC Results

| Test Items | Specifications | Results |
|---|---|---|
| **Insert Sequence** | Insert sequence results consistent with target | Pass |
| **Vector Sequence** | Flanking sequence consistent with expected | Pass |
| **ORF Across Junction** | Correct and consistent with target | N/A |
| **Restriction Digest** | Expected fragment sizes observed | Pass |
| **PCR Amplification** | Correct without non - specific bands | Pass |
| **DNA Quantity/Quality** | Concentration (n/a if lyophilized) | N/A |
| **Genomic DNA** | Purity (A 260/A280 = 1.8 - 2.0) | Pass |
| **Restriction Analysis** | Matrix | TE (lyophilized) |
| **Endotoxin Test** | Verified, <0.1 EU/μg (Endo-Free Preps Only) | N/A |
| **Appearance** | Clear, no visible particles | Pass |
| **Label** | Correct and white | Pass |
| **Comments** | - | - |

## Restriction Digestion Map




**Lane 1：** Plasmid

**Lane 2**: Plasmid Digested with XbaI-ApaI (1000/4000 bp in theory)

**Lane M**: DNA Marker

**Certified by: Chou Fang**
**Date: Dec/09/2025**
**Valid until: Dec/09/2028**

周昉

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