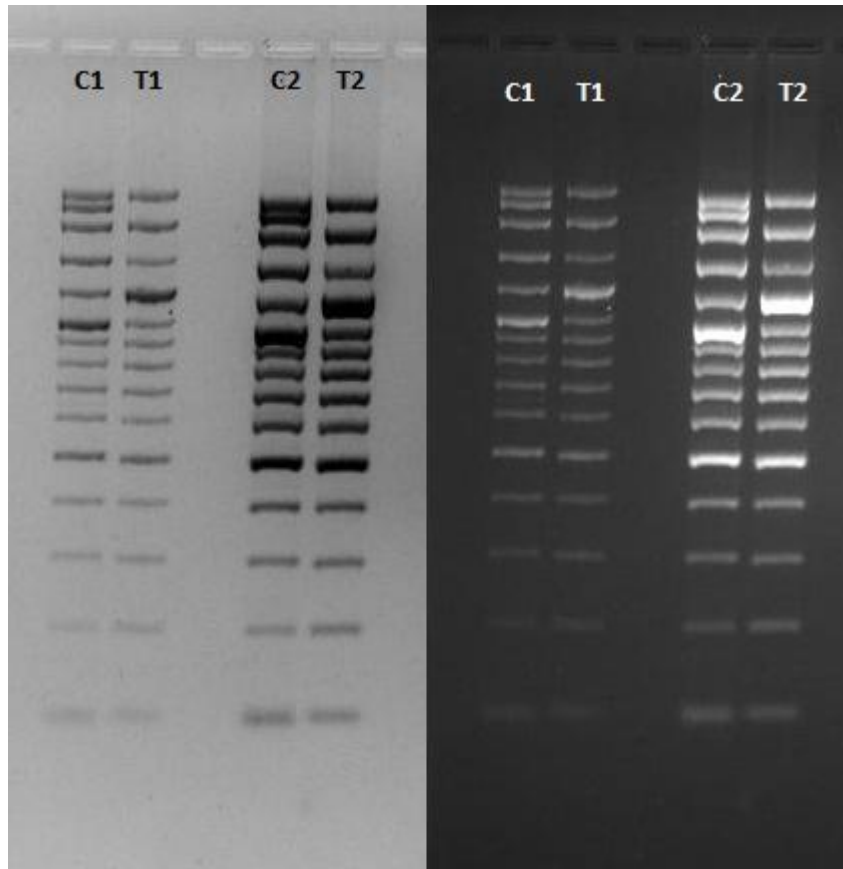


## Comparison Test of 100bp plus DNA Ladder



**Figure 1:** 100bp plus DNA ladder is loaded accordingly in 5mm lane and electrophoresed at 2% TBE gel.

### **Legend:**

- C1: Vivantis 100bp plus DNA Ladder with 1µl loaded
- T1: Supplier D 100bp plus DNA Ladder with 1µl loaded
- C2: Vivantis 100bp plus DNA Ladder with 3µl loaded
- T2: Supplier D 100bp plus DNA Ladder with 3µl loaded

Pairing Nature with Scientific Discoveries

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**Discussion:**

Vivantis's 100bp plus DNA ladder has total 15 bands and Supplier D's 100bp plus DNA ladder has total 14 bands. There is an **extra band** for Vivantis's ladder at **2.5kb**. There are two reference bands for ladders. For **Vivantis**, the 100bp plus DNA ladder has **reference bands at 500bp and 1kb**; while for **Supplier D**, the 100bp plus DNA ladder **has reference bands at 500bp and 1.2kb**.

**Conclusion:**

Both 100bp plus DNA ladder has quality up to the standard. The ladder has slight different for the fragments and reference bands; the ladder has equivalent quality.

**Prepared and checked by:**

Vivantis Technical Team  
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