**A**

Genetic map showing the positions of various markers and genes.

- **M+C Ab2-C Ab5**
- **678bp**
- **800bp**
- **IE**
- **+C**

**B**

Genetic analysis at T0 showing different bands for different samples.

**C**

Genetic analysis at T0 showing different bands for different samples.

**D**

Genetic analysis at T0 showing different bands for different samples.

**E**

Genetic analysis at T0 showing different bands for different samples.

**F**

Genetic analysis at T0 showing different bands for different samples.

**G**

Genetic analysis at T0 showing different bands for different samples.

**H**

Genetic analysis at T0 showing different bands for different samples.

**I**

Genetic analysis at T1 showing different bands for different samples.

**T0** and **T1** indicate different time points for the genetic analysis.