

**SIT 08014MIC:** Development of molecular barcodes for commercially important silkworm (*Bombyx mori*) breeds/ hybrids.

Period: February 2024 to January 2026.

Investigators: Dr. Himanshu Dubey (PI), Dr. Rajal Debnath, Dr. G. Lokesh, Dr. L. Kusuma, Dr. Tushar Ramachandra Khare (CI).

**Objectives:**

1. Whole genome sequencing of CSR6, CSR26, CSR27 and SK7 to identify variations for marker development.
2. Development and validation of molecular markers for uniqueness and specificity to the respective breeds.