1. Laboratory-based specific databases
   - Local storage and querying of experimental data

2. Clade-specific biological databases
   - Clade-specific data types and structures
   - Manual and automatic data curation
   - Links to organism communities
   - Links to scientific literature

3. Pan-genome integration and aggregation databases
   - Automatic federation and federation and integration of multiple sources
   - Link with archival databases

Wider scientific community

Functional strengths