

1. Company

The **SEQ-IT** company for custom DNA analysis focuses the scientific and commercial activities of the INSTITUTE OF IMMUNOLOGY AND GENETICS in Kaiserslautern (established 1997, today 40 employees). SEQ-IT itself was founded in 2008 as a logical counterpart to the highly specialized medical diagnostics in the other branch of the Institute.

The ideal combination of routine diagnostics with scientific competence together with the availability of most recent technologies for nucleic acid research provide excellent opportunities for custom services.

2. Core Competences

Technology: Next Generation Genome Sequencing (454-technology)

Research Fields: Virology (ultradeep sequencing),

Tissue Typing with future technologies

Pharmacy (Bacterial genome sequencing)

Plant Breeding Research

Transcriptome Analysis

Metagenomics

3. Cooperations offered and requested

SEQ-IT offers cooperations in the above mentioned fields of nucleic acid analysis.