UgenTec



Animal, plant & seed health pathogen detection workflows



Breeding & QC purity check genotyping workflows



Our mission is to simplify the way diagnostic laboratories work across the globe.

The world is connected, smart & automated





Laboratories are using spreadsheets, macros & custom software

Robots help automate PCR workflows – interpretation requires human input

Results, QC follow Amplification Extraction Set-up up & LIMS reporting

> Manual, paper based workflow: time consuming & error-prone



Automate & standardise your animal, plant & seed health inspection assays



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1. (Auto)select a raw data file

2. Analysis & interpretation with one click

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1. (Auto)select a raw data file

- 2. Analysis & interpretation with one click
 - 3. Export downstream





End-point genotyping software

Scale your genotyping capabilities beyond human capabilities

Co-developped with 4 AgBio Companies





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Speed up the genotyping process to do more with the same resources





Speed up the genotyping process to do more with the same resources

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Reliable

Scalable

Get reproducible results and genotype with confidence



Smart

Train your own AI assistant, on a species & assay level



Current technology oversimplifies complexity of measurements



Simple parking sensor

Detect objects to the front and rear of the vehicle. A drastic oversimplification of a traffic situation.



Traditional clustering

Measure relationships between areas of datapoints within a single plot to distinguish between different clusters.

Deep learning is a proven solution



Self-driving vehicle

Analyse multiple features of a traffic situation, being able to intelligently detect danger and take action.



FastFinder tech

Take into account historical learnings and calculate probabilities of a result being a certain state

Learning pace





Learning pace - This image depicts the average per plate accuracy of one assay-algorithm after training it on 1, 2, 3, 4, 5,...20 random other orders. After only 2 orders, the algorithm is >99% accurate, after 8 plates it reaches >99.99% accuracy versus human interpretation.

Train your software while you use it

A trusted partner.



Rollout large, compelling menu



Automated quantitative result interpretation



Manage global rollout

>100 laboratories in 35 countries
20 common PCR devices supported
>500 assay plugins automated



Workflow software for sample in - result out systems

Scaling up

2014	Founded in 2014, spin-off of KULeuven
April 2015	1.4 M EUR seed funding
November 2016	2.15 M EUR post-seed funding to drive product market fit
March 2018	7.5 M EUR Series A investment to drive growth, new products, expansion into adjacent markets.

Secure. Validated. Global.

UgenTec focuses on building secure hosted solutions, so data is always safe, private & fast.

Hosted across the globe on Certified quality management system

CE-IVD, IVDR & FDA processes in place









Timing



Animal, plant & seed health inspection workflows

Available now



Breeding & QC purity check workflows

Go-live with first customers in June Support for other genotyping

platforms in Q3-Q4 2019