Quantify Aging Precisely
For Human and Mouse

Genetic vs Environment:
Epigenetic DNAge® of Different Human Populations

Exclusive License of the Epigenetic Aging Clock from Dr. Steve Horvath, professor at UCLA
DNAge® Epigenetic Aging Clock

Highlights:
- Precisely quantify biological age at the molecular level for both humans and mice.
- Low sample input.
- High-throughput: sequence >300 samples per run.

What is the Epigenetic Aging Clock?
Epigenetic modifications refer to heritable changes that are independent of the primary DNA sequence and play crucial biological roles. DNA methylation is one of the most studied epigenetic modifications, and is recognized as a reliable indicator of biological age and reflects the status of diseases.1-5

DNAge® is highly correlated with chronological age:

Dotted line is the regression line of DNAge®. Solid line represents a hypothetical perfect match between DNAge® and chronological age.

References:
Aging Is Driven By More Than Just Time

The reversible, dynamic nature of DNA methylation modifications (in contrast to genetic changes) makes the DNAge® clock an ideal tool to directly study aging-related diseases and monitor lifestyle interventions.

Simply send us your samples, and we will provide you with an accurate epigenetic age estimate and detailed data report.

Please contact us at www.zymoresearch.com/dnage
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