11/20/2020 AMPEL Genomic Platform

## AMPEL GENOMIC PLATFORM™ (AGP™)

## Powered by LuGene™ Analytics

AMPEL GENOMIC PLATFORM<sup>TM</sup> (AGP<sup>TM</sup>) is Ampel's proprietary suite of genetic identification and analytical software applications and tools. You may access and use the AGP<sup>TM</sup> here by entering your log-in information. You will have access only to these software applications within the AGP<sup>TM</sup> which you are authorized to access and use pursuant to your plan agreement with Ampel. The software applications contained within the AGP<sup>TM</sup> include BIG-C<sup>TM</sup>, I-Scope<sup>TM</sup>, T-SCOPE<sup>TM</sup>, P-SCOPE<sup>TM</sup>, CELLSCAN and GENOMIC FINGERPRINTING <sup>TM</sup> as described below:

BIG- $C^{TM}$ : the BIG- $C^{TM}$  software analyzes cell samples and data to categorize genes and genes sequences within genes by their biological function.

I-Scope $^{\mathbf{m}}$ : the I-Scope $^{\mathbf{m}}$  software identifies blood cells within the gene sequences contained in tissues and organ samples.

T-SCOPE<sup>™</sup>: T-SCOPE<sup>™</sup> is the sister application to I-Scope<sup>™</sup> which identifies non-blood cells within the gene sequences contained in tissues and organ samples.

CELLSCAN<sup>m</sup>: CELLSCAN $^{m}$  combines the analytic power of both I-Scope $^{m}$  and T-SCOPE $^{m}$  to identify both blood and non-blood cells within the gene sequences contained in tissues and organ samples.

P-SCOPE: P-SCOPE™ analyzes genes within cell samples of lupus patients to assess the role of such genes in the severity of lupus disease activity and uses proprietary algorithms to score such genes based on their role in promoting or inhibiting lupus disease activity.

GENOMIC FINGERPRINTING™: Ampel's proprietary GENOMIC FINGERPRINTING™ software analyzes genes and genetic profiles to assess disease activity in patients suffering from autoimmune diseases, inflammatory diseases, neurological diseases, infectious diseases and oncological diseases and scores the efficacy of pharmaceuticals, drug therapies and treatments to treat such diseases.

Please contact Ampel if you are interested in upgrading your access to the AMPEL GENOMIC PLATFORM™ to include access and use of any of the software applications listed above which are not contained within your current access plan.

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