

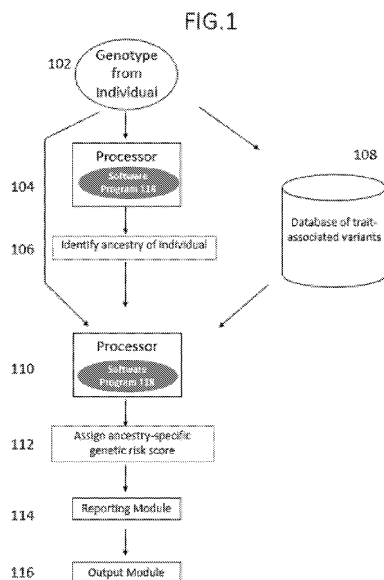


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(54) **Title:** ANCESTRY-SPECIFIC GENETIC RISK SCORES



(57) **Abstract:** Disclosed herein are methods and systems for calculating genetic risk scores (GRS) representing the likelihood that an individual will develop a specific trait based on the ancestry of the individual. Also provided are methods and systems for providing a recommendation to the individual to modify a behavior related to a specific trait, based on the individual's GRS for that trait.

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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- *with international search report (Art. 21(3))*
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