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my Genome by Veritas

NEW! Risk Section

In addition to the Clinical, Carrier, PGx, Traits, and Ancestry sections in myGenome, your results now include a new section called Risk. This section focuses on 15 common genetically-linked diseases. We highlight them here because the risks for these diseases may be mitigated through preventive lifestyle measures (for example, changes to diet or exercise).

WHAT IS THIS NEW RISK SECTION?

The new Risk section in myGenome reports on lower-impact genetic findings that contribute to more common diseases.

Even though these findings are often less serious compared to the ones reported in the Clinical section, they are still important. They are multi-factorial and complex in nature, meaning that both genetic and non-genetic risk factors (e.g., environment, lifestyle and behavior choices) are necessary to cause them.* Sometimes simple proactive lifestyle changes can mitigate risk.

WHAT ACTIONS CAN I TAKE TODAY?

These are some of the most actionable results in your report, giving you and your physician a better resource to help maximize the quality and length of your life. Additionally, as scientific knowledge grows, we will expand this section with more and more actionable information.

There are healthier choices you can make today, and the possibility of even more insights in the future.

For example, if you have the Factor V Leiden (F5) variant, you may be at an increased risk for harmful blood clots. But, with this knowledge, you could decrease your chances of developing blood clots by periodically taking walks or stretching on long flights or drives.

* The absence of a genetic finding does not eliminate the other risk factors that may contribute to disease.

How are variants classified?

Established Risk
We use this classification when multiple independent high-quality studies or a robust meta analysis (a study that combines several published studies) have demonstrated the association of a specific variant with the onset of the condition or disease.

Likely Risk
We use this classification when at least two independent high-quality studies (or two independent study cohorts in the same publication) have replicated the association of the variant with the onset of the disease or condition.

Uncertain Risk
We use this classification when the data available is insufficient to label a variant “likely” or “established” risk.

No Known Risk
We use this classification when there is no data supporting a risk.

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WHAT GENES ARE SCREENED?

DISEASE/CONDITION	CATEGORY	GENE NAME	POSITIONS TESTED
Alzheimer Disease	Neurological Disorders	*APOE*	rs429358, rs7412
CHEK2 Cancer Susceptibility	Cancer Susceptibility	*CHEK2*	rs17879961
Chronic Kidney Disease	Organ Health	*APOL1*	rs71785313, rs73885319, rs60910145
Hereditary Hemochromatosis	Organ Health	*HFE*	rs1799945, rs1800562
Hyperlipoproteinemia Type III	Cardiovascular Diseases	*APOE*	rs429358, rs7412
Lactose Intolerance	Other	*MCM6*	rs4988235
Long QT Syndrome	Cardiovascular Diseases	*KCNE1*	rs1805128
Melanoma	Cancer Susceptibility	*MC1R*	rs1805009, rs1110400, rs1805008, rs1805007, rs1805006, rs11547464
Nonalcoholic Fatty Liver Disease	Organ Health	*PNPLA3*	rs738409
Pancreatitis	Organ Health	*CTRC*	rs121909293
Pancreatitis	Organ Health	*SPINK1*	rs17107315
Parkinson Disease	Neurological Disorders	*LRRK2*	rs34778348, rs33949390
Prion Disease	Neurological Disorders	*PRNP*	rs74315407
Pulmonary Fibrosis	Organ Health	*MUC5B*	rs35705950
SERPINA1-related Disorders	Organ Health	*SERPINA1*	rs28929474, rs17580
Venous Thromboembolism	Clotting Disorders	*SERPINC1*	rs121909548
Venous Thromboembolism	Clotting Disorders	*F2*	rs1799963
Venous Thromboembolism	Clotting Disorders	*F5*	rs6025

LEARN MORE

If you have questions please contact us at **(888) 507-6619** or **support@veritasgenetics.com.**