

IFNL3 and Medications

Does it matter for me?

The *IFNL3* gene plays a role in the body's immune system, and can impact certain **medications used for treating hepatitis C**.

If you have been diagnosed with Hepatitis C and if your healthcare provider is considering any of the medications associated with your *IFNL3* result, please discuss your results with them before starting treatment. You can print out your test result and this guide to bring to your appointment.

Healthcare providers consider many factors when prescribing a medication including health history, other medications you are taking, lifestyle factors, and genetics. **Do not change your medication habits without talking to your prescribing healthcare provider.**

Genetic Result	Which medications can be impacted?
Favorable response	Infection and immune medications: Peginterferon alfa-2a (Pegasys), Peginterferon alfa-2b (PegIntron)
Unfavorable response	Infection and immune medications: Peginterferon alfa-2a (Pegasys), Peginterferon alfa-2b (PegIntron)

This guide is an informational resource. Medications listed here could be impacted by specific genetic results, according to FDA drug labels, or the Clinical Pharmacogenetics Implementation Consortium (CPIC)

- www.fda.gov/medical-devices/precision-medicine/table-pharmacogenetic-associations
- cpicpgx.org/guidelines