

CYP3A5 Expresser/Intermediate metabolizer

What is CYP3A5?

CYP3A5 is a gene that provides the instructions to make the CYP3A5 enzyme, which is involved in the breakdown (metabolism) of medications within the body.

CYP3A5 gene expression status:
Expresser/Intermediate metabolizer

What it means These pharmacogenetic results predicted that **the instructions for the enzyme are “turned on”**, which means the CYP3A5 enzyme is being made in the body. Medication **may be broken down faster than the average population.**

Why it matters Medication may leave the body before it can work properly.

What happens next The health-care team will determine whether **a different dose of medication may be needed.**

CYP3A5 gene expression status



Expresser



Non-expresser

This status is not an indicator of health. The health-care team will still consider medical history and other factors to ensure the best treatment.

Example medications affected by CYP3A5

- **Tacrolimus**, an immunosuppressant that helps prevent organ transplant rejection

The medications listed above are referred to by their generic names. You may hear the medication called by a different brand name.