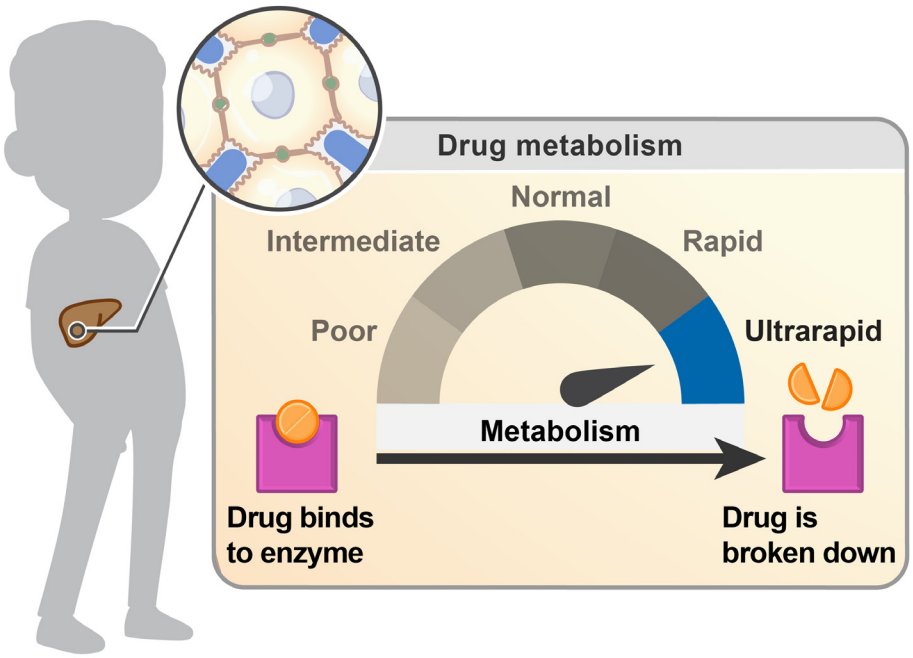
# *CYP2B6*: Ultrarapid metabolizer

## What is *CYP2B6*?

*CYP2B6* is a gene that provides the instructions to make the CYP2B6 enzyme, which is involved in the breakdown (metabolism) of medications within the body.




***CYP2B6* metabolizer status:** Ultrarapid metabolizer

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| **What it means** | These pharmacogenetic results predicted that the CYP2B6 enzyme has **significantly increased activity.** Medication **may be broken down significantly faster** than in most individuals. |
| **Why it matters** | Medication may leave the body before it can work properly. |
| **What happens next** | Current evidence suggests little impact on medication response; most medications should work as expected at standard doses. |

*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 *CYP2B6*

- **Efavirenz**, a medication that treats human immunodeficiency virus (HIV)
- **Sertraline**, an antidepressant medication that helps with feelings of sadness and anxiety

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