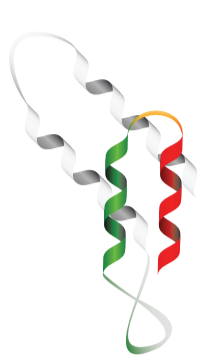


# vprD RT-QulC for CWD

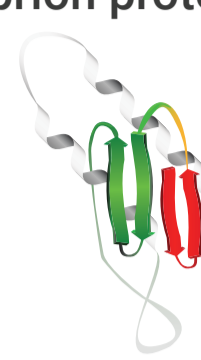
## What is RT-QulC?

Real-Time Quaking-Induced Conversion (RT-QulC) is a **highly sensitive** emerging technology for detecting misfolded prion proteins that cause Chronic Wasting Disease, Scrapie, and other transmissible spongiform encephalopathies.

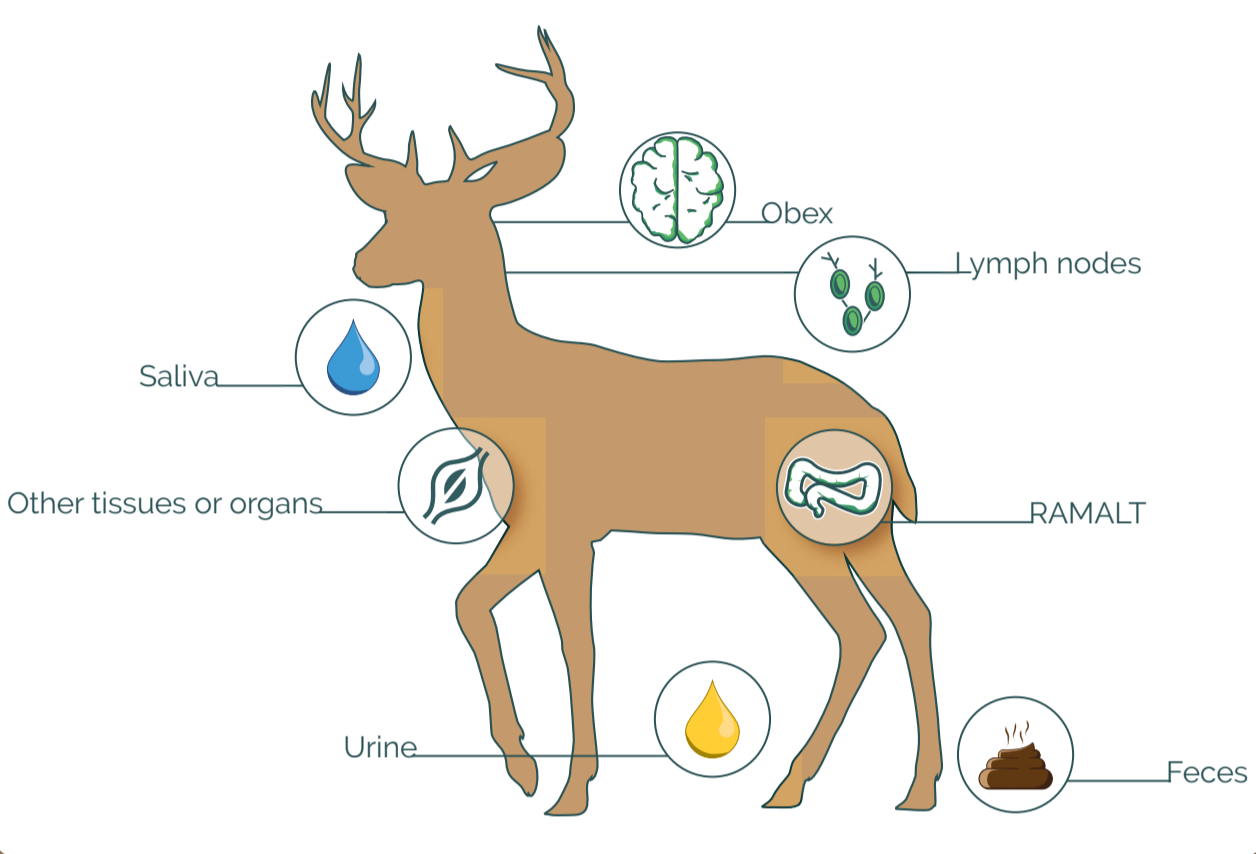
**PrP<sup>c</sup>**  
is a normal protein



**PrP<sup>CWD</sup>**  
the disease-causing form of the prion protein



**RT-QulC** can be used for many **different sample types**, including from **live animals**



Similar to real-time PCR, even **low numbers** of abnormal prions can be amplified into a **non-infectious** amplification product that releases fluorescent signal

