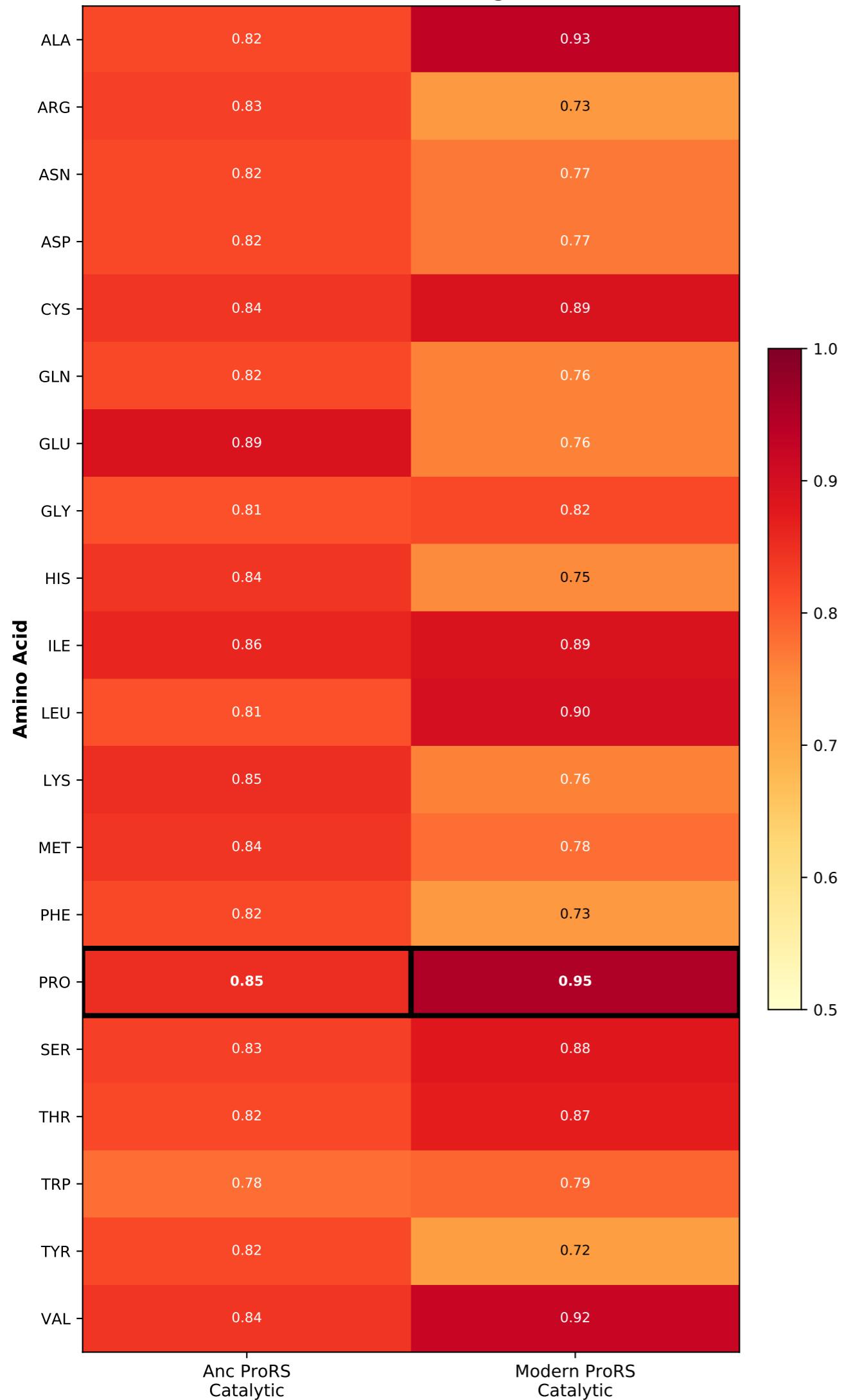


**A. ProRS Evolution: Asymmetric Evolution of Substrate Specificity**  
**Kinetic Solution (Editing Domain)**



**B. ThrRS Evolution:**  
**Structural Solution (Zn Filter)**

