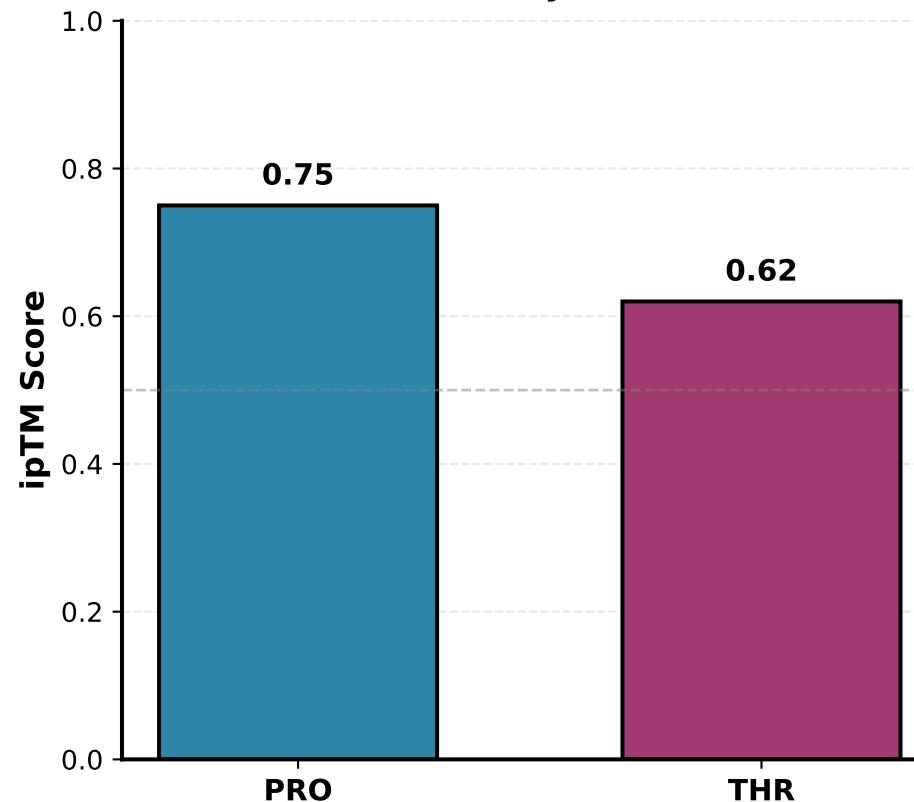
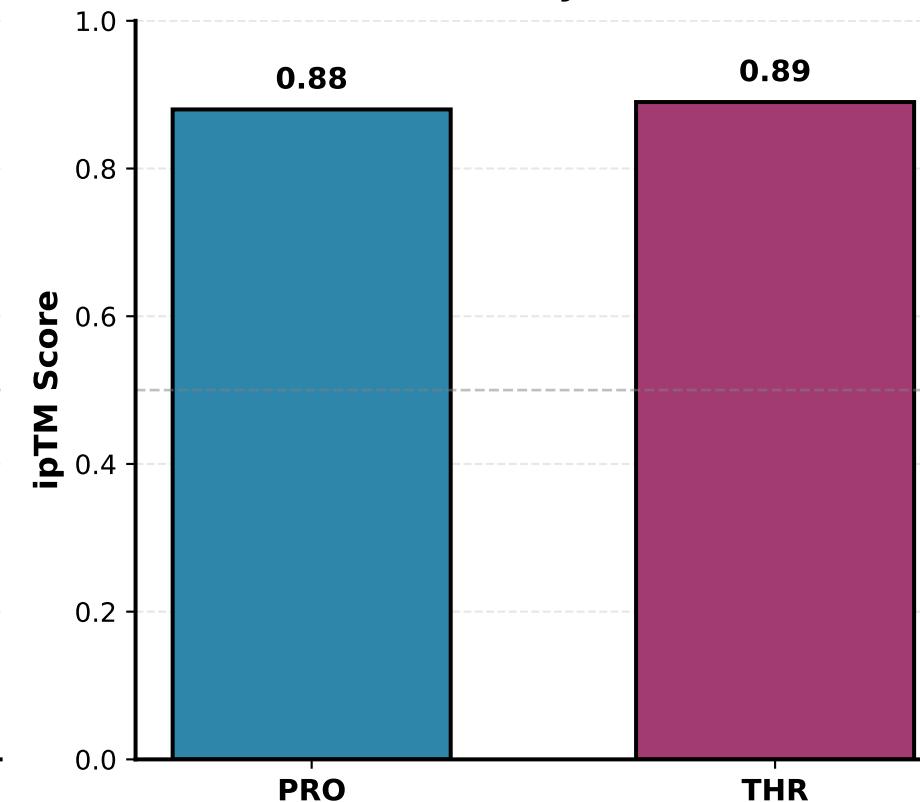


# Comprehensive Substrate Binding Analysis

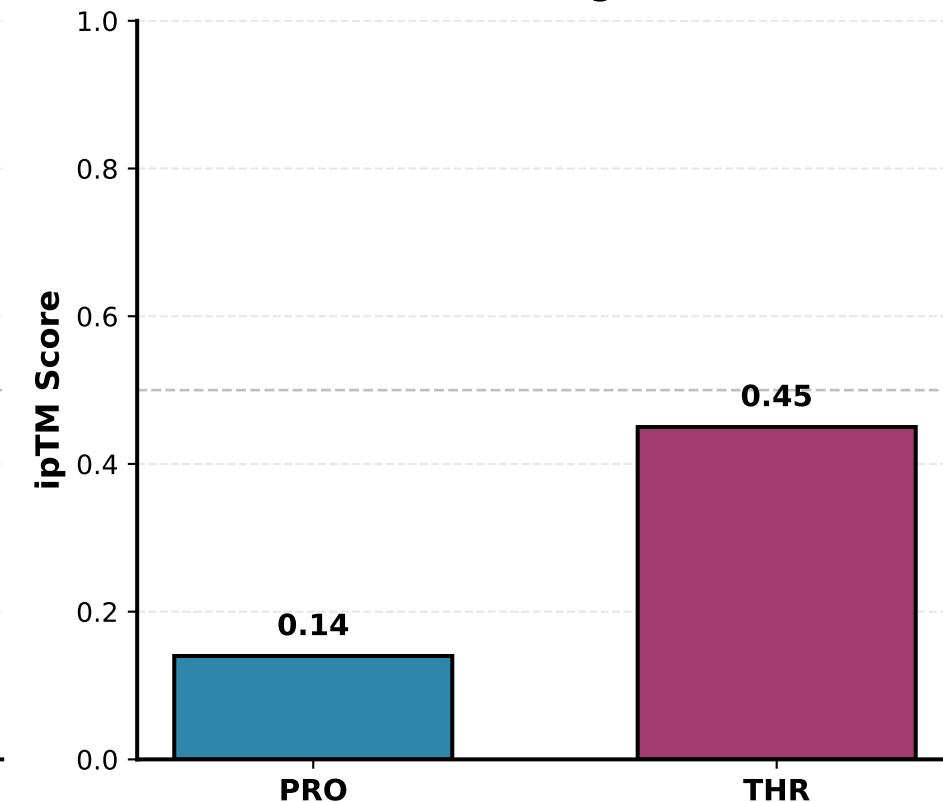
**LUCA ProRS**  
Catalytic



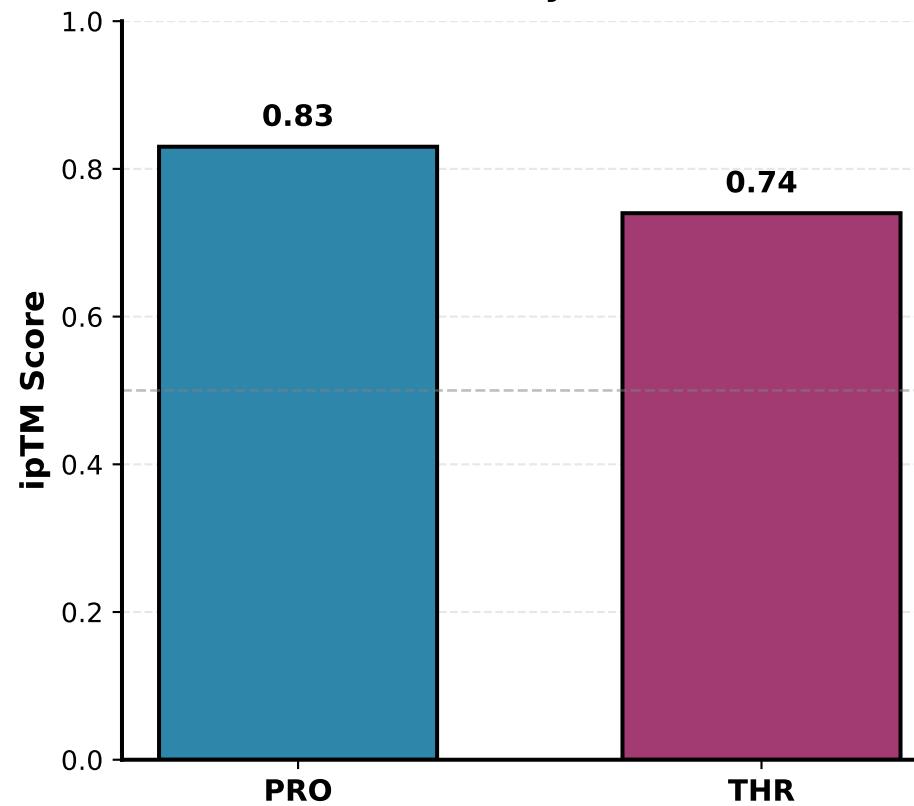
**LUCA ThrRS**  
Catalytic



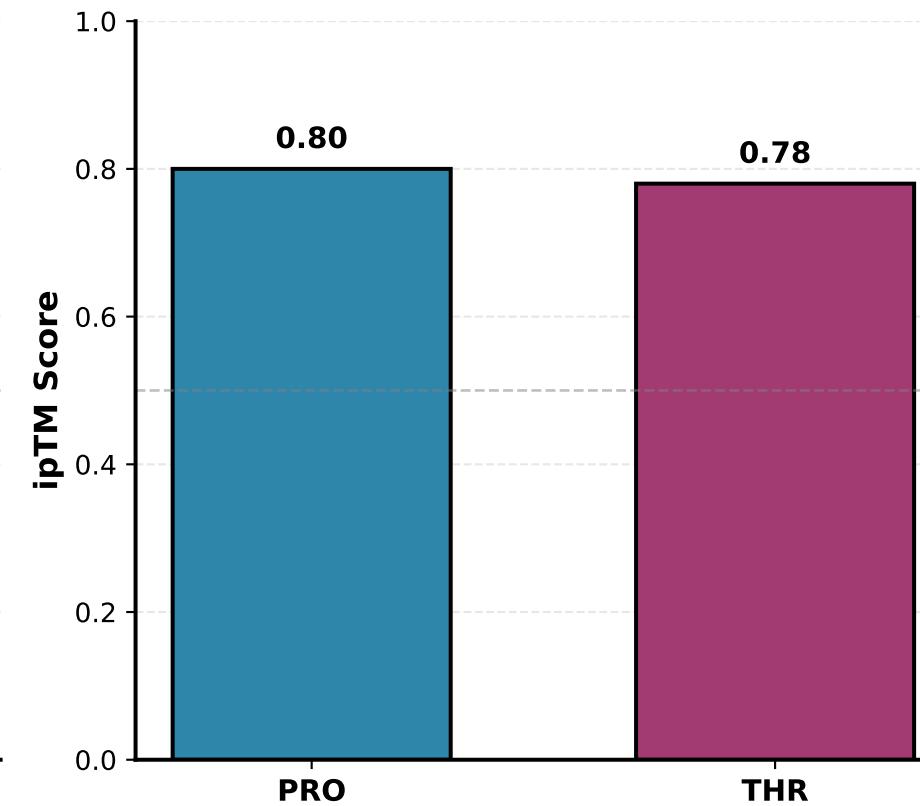
**LUCA ProRS**  
Editing



**Modern ProRS**  
Catalytic



**Modern ProRS**  
(Human)



**Modern ThrRS**  
(Human)

