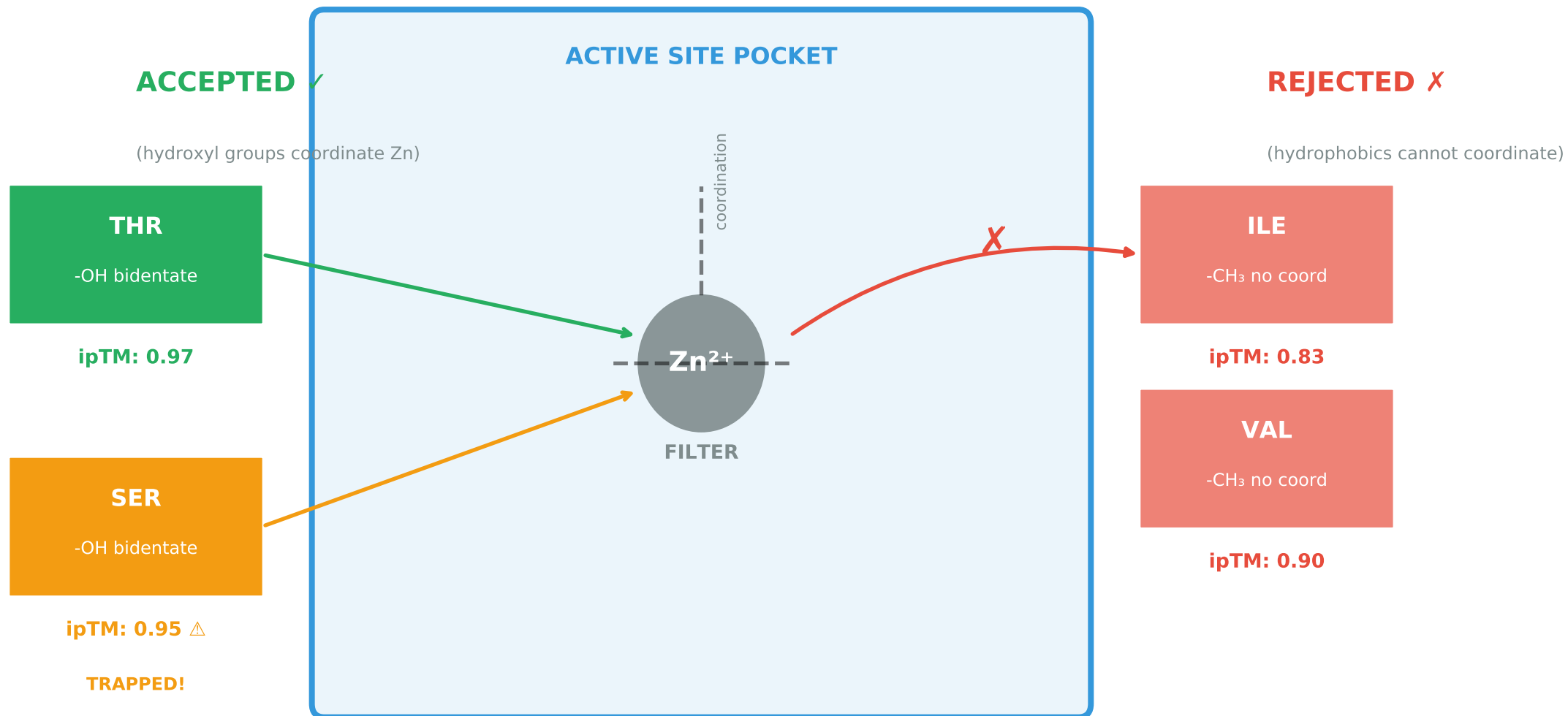


# ZINC FILTER MECHANISM

*ThrRS Structural Discrimination via Metal Coordination*



## THE ZINC TRAP

Zn filter rejects hydrophobics (ILE, VAL) ✓

**But SER also coordinates Zn → EDITING REQUIRED**