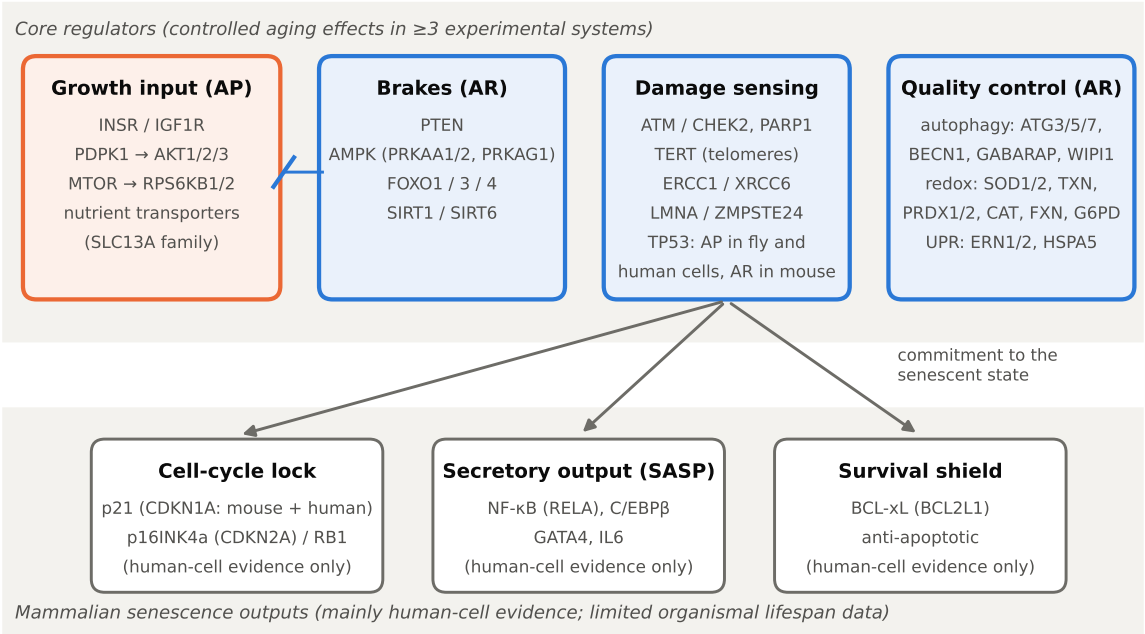
Regulatory architecture inferred from comparative genetic evidence



For comparison: programs discovered by the same strategy

Programmed cell death (C. elegans → human)

CED-9 / BCL-2 ⊣ CED-4 / APAF1 → CED-3 / caspase

one conserved executor; 131 deaths in an invariant lineage

Autophagy (yeast → human)

TOR ⊣ ATG1 / ULK1 → ATG core (ATG5, ATG7 …)

one conserved machine; ATG genes reappear above as AR