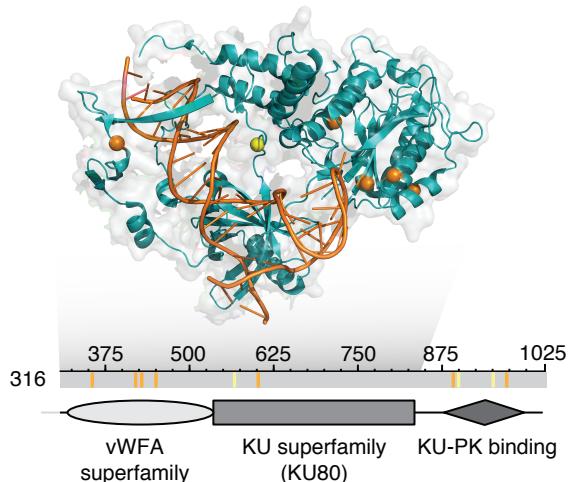


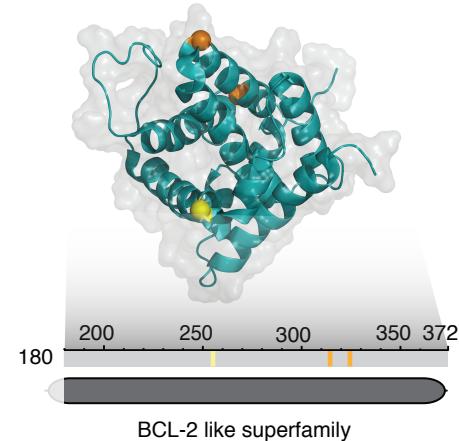
Figure S4

A Residues under positive selection in XRCC5



Predicted functional impact
● Strong
● Moderate
● Neutral

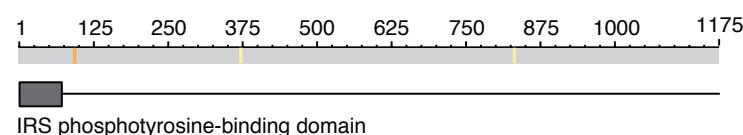
B Residues under positive selection in BAX



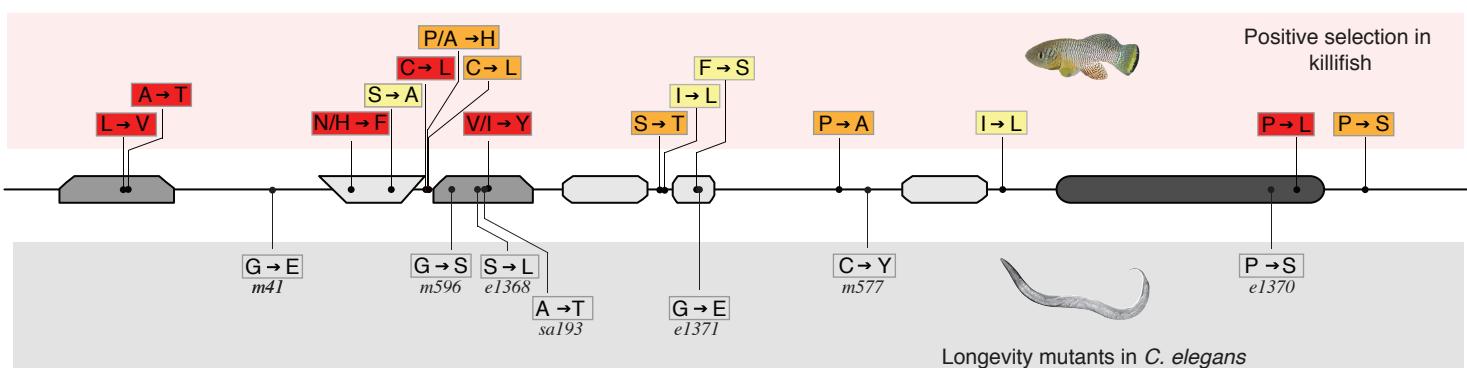
C Residues under positive selection in MGAT5(1of3)



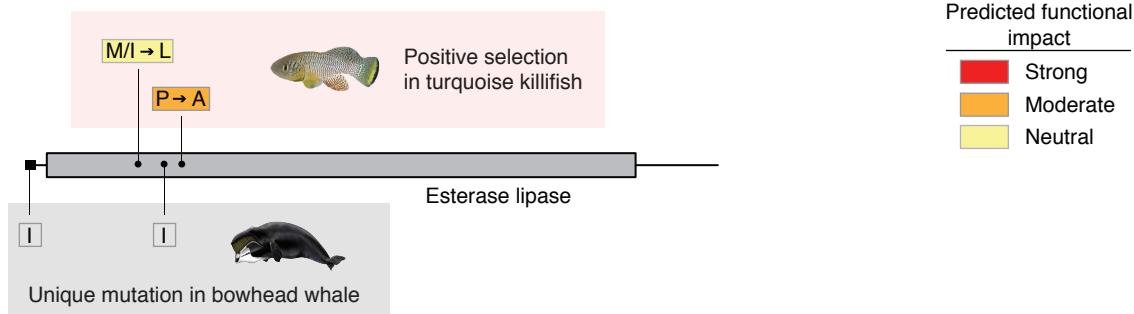
D Residues under positive selection in IRS1(2of2)



E Residues and variants in IGF1R(1of2) in turquoise killifish and DAF-2 in *C. elegans*



F Residues and variants in CEL(7of7) in the turquoise killifish and bowhead whale



Predicted functional impact

- Strong
- Moderate
- Neutral