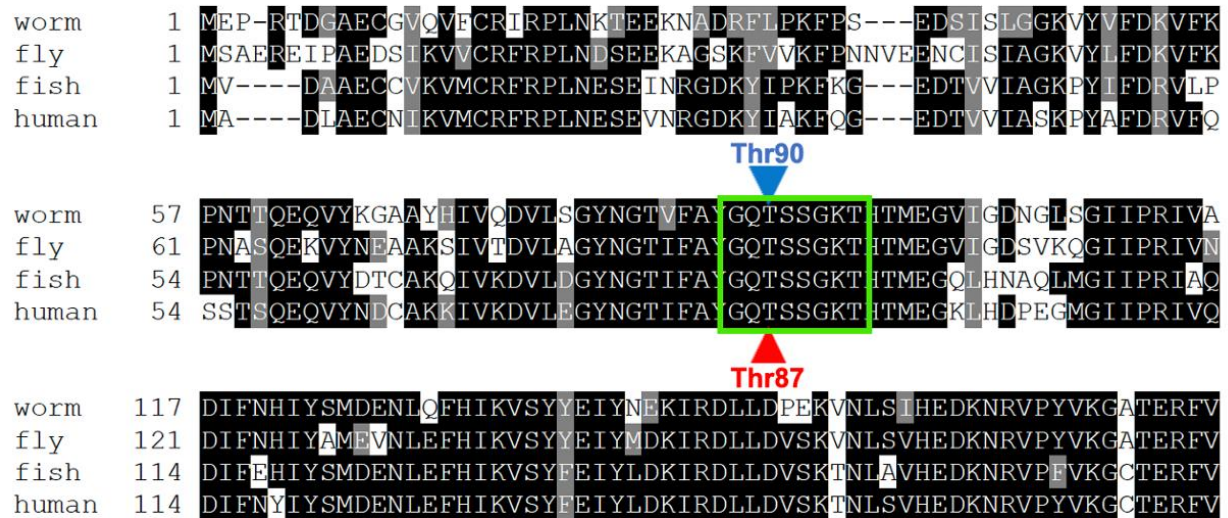


The *C. elegans* ortholog of *KIF5B* is *unc-116*



**S2 Fig. *KIF5B* P-loop nucleotide binding domain is highly conserved between species.**

Multiple sequence alignment of the N-terminal part of the motor domain of *KIF5B* and orthologs in other organisms. The highly conserved P-loop region of the ATP-binding domain is highlighted with a green box. The *KIF5B* p.Thr87Ile variant in proband 1 (red arrowhead) and corresponding *C. elegans* (worm) *unc-116* Thr90 residue (blue arrowhead) are shown.