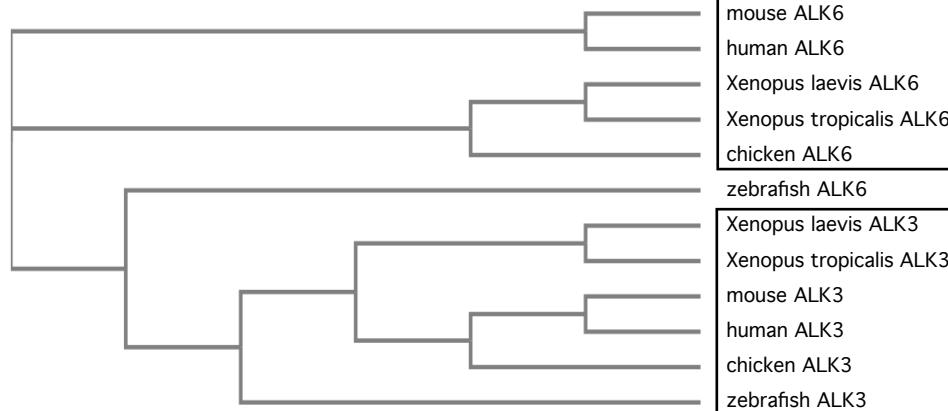


A

B



Additional Figure 1. Alignment of ALK6 and phylogenetic analysis of ALK3 and ALK6 protein sequences. The novel alk6 mRNA sequence has been submitted to Genebank (accession number KR052160). (A) Multiple alignment of the translated ALK6 protein sequence to *Xenopus tropicalis*, chicken, mouse, human and zebrafish ALK6. (B) Phylogenetic tree computed from alignments of *Xenopus laevis* ALK3 and ALK6 sequences to the *Xenopus tropicalis*, chicken, mouse, human and zebrafish orthologues. Alignment and phylogenetic tree were calculated using ClustalW2 (Larkin et al. 2007, Li et al. 2015, Saitou and Nei 1987); the corresponding data sets are available from TreeBase at <http://purl.org/phylo/treebase/phylows/study/TB2:S18663>.