Time (millions of years ago)

Analysis Workflow

GENOMES	ORTHOLOGS	ALIGNMENT	SELECTION	RESULTS	PATHWAYS
Dog, Dingo, Fox	**17,078 genes**	MAFFT	aBSREL	**430 genes**	**Wnt signaling**
Ensembl v111	1:1:1 mapping	Codon-aware	Dog branch	FDR < 0.05	p = 0.041