

**Table S1. Accession numbers of Pax2 related mRNA, ESTs and genomic sequences for species included in the comparative analysis in Figure 1.**

<b>Species</b>	<b>Gene</b>	<b>mRNA</b>	<b>ESTs</b>	<b>Genomic records</b>
<i>Mus musculus</i>	<b>Pax2</b>	BC150484, BC148232		ENSMUSG00000004231
	<b>Pax5</b>	M97013, BC156134, BC157081	AI173210, CA465006, BY222280, BF013073	ENSMUSG00000014030
	<b>Pax8</b>			ENSMUSG00000026976
<i>Homo sapiens</i>	<b>Pax2</b>	L25597, M89470	DB077633, BJ989901	ENSG00000075891
	<b>Pax5</b>	M96944, AY463952-AY463957, FJ626415- FJ626425, AF080573	AW406299, AI762480	ENSG00000196092
	<b>Pax8</b>	X69699, S77904-S77906	AU141429, AU141907	ENSG00000125618
<i>Danio rerio</i>	<b>Pax2.1</b>	AF067530-AF067541	CA471205	ENSDARG00000028148
	<b>Pax2.2</b>	BC162214, AF072547		ENSDARG00000032578
	<b>Pax5</b>	AF072548	CO353049, FP141998	ENSDARG00000037383
	<b>Pax8</b>	AF072549	FP184042, CD588170, FP119188, FP106520	ENSDARG00000015879
<i>Oryzias latipes</i>	<b>Pax2.1</b>		AM320053, AM321390	NW_004088010, NW_004093539
	<b>Pax2.2</b>	Z97020	AM307102, DK010940, AM356055, DK033442	NC_019877
	<b>Pax5</b>		BJ017365, AM141546	NC_019859
	<b>Pax8</b>		AM297532, AM320946, AJ457242	NW_004087989, NW_004095010
<i>Branchiostoma floridae</i>	<b>Pax258</b>	AF053762, AF053763	BW740265	NW_003101569.1