

S3 Table. *gtf3a* sequences obtained from the different fish species studied. Table depicts size of amplified and sequenced fragments, and e-value through BlastX analysis with the most similar sequences in Genbank. For comparative purposes the *Danio rerio gtf3ab* sequence (NP_001083013) appears in all the cases.

Species	Genbank accession number	Size (bp)	E-value	BlastX Most similar sequence and Genbank accession number
<i>M. merluccius</i>	JQ928630	523	3e-76 7e-54	<i>Oreochromis niloticus</i> PREDICTED TFIIIA,XP_003443591 <i>Danio rerio</i> , TFIIIA, b NP_001083013
<i>S. scombrus</i>	JQ928631	699	3e-133 5e-93	<i>Oreochromis niloticus</i> PREDICTED TFIIIA,XP_003443591 <i>Danio rerio</i> , TFIIIA, b NP_001083013
<i>S. colias</i>	JQ928632	707	2e-124 3e-96	<i>Oreochromis niloticus</i> PREDICTED TFIIIA,XP_003443591 <i>Danio rerio</i> , TFIIIA, b NP_001083013
<i>L. whiffiagonis</i>	JQ928633	691	2e-134 1e-93	<i>Oreochromis niloticus</i> PREDICTED TFIIIA,XP_003443591 <i>Danio rerio</i> , TFIIIA, b NP_001083013
<i>S. pilchardus</i>	JQ928634	636	6e-99 2e-91	<i>Danio rerio</i> , TFIIIA, b NP_001083013 <i>Oreochromis niloticus</i> PREDICTED TFIIIA,XP_003443591
<i>M. poutassou</i>	KC191719	594	2e-70 3e-46	<i>Takifugu rubripes</i> , PREDICTED TFIIIA like, XP 003968009 <i>Danio rerio</i> , TFIIIA, b NP_001083013
<i>T. trachurus</i>	KC191721	594	1e-112 2e-68	<i>Maylandia zebra</i> , PREDICTED TFIIIA like, XP 004546742 <i>Danio rerio</i> , TFIIIA, b NP_001083013