

Table S2. Comparison of the partial amino acid sequence of Senegalese sole key growth genes with their orthologues from other fish and vertebrate species

.	<i>H. hippoglossus</i>	<i>P. olivaceus</i>	<i>D. labrax</i>	<i>S. salar</i>	<i>S. aurata</i>	<i>O. mykiss</i>	<i>T. rubripes</i>	<i>D. rerio</i>	<i>G. gallus</i>	<i>M. musculus</i>	<i>H. sapiens</i>
Myf5	—	87%	—	75%	—	78%	85%	76%	56%	58%	57%
Mrf4	—	—	—	84%	—	85%	94%	85%	77%	75%	75%
MyoD1	93%	93%	—	—	90%	—	87%	75%	67%	63%	63%
MyoD2	78%	—	—	65%	79%	—	66%	—	—	—	—
Myog	91%	91%	—	78%	90%	77%	87%	68%	53%	51%	52%
Mstn1	—	88%	89%	81%	85%	81%	87%	78%	63%	61%	63%
Fst	—	96%	—	87%	97%	86%	95%	89%	78%	74%	74%
Fgf6	—	—	92%	—	—	85%	—	79%	—	66%	66%
MyHC	94%	—	92%	—	—	—	—	89%	82%	82%	81%
MyLC2	95%	—	—	91%	92%	90%	—	95%	86%	85%	85%
Igf1R	—	98%	—	—	—	—	—	93%	—	89%	89%
IR	—	97%	—	—	—	92%	—	—	91%	88%	89%