

Black porgy
Haplochromis
Sparus
Parajulis
Notolabrus
Amphipirion
Platichthys

ATGACTGGAGCTGCTGTGTCCGTGTGCCTTGTTTTCTGCTGTCTGTATGTTTCAGCGTGT
-----GCCTGC
ATGACTGGAGCTGCTGTGTCCGTGTGCCTTGTTTTCTCCTGTCTGTATGTTTCAGCGTGT
ATGACTGGAGCCTCTGTGTCCGTGTGCCTTCTTTTCCTCCTGTCCGTCTGTTCAGCATGT
-----GCCTTCTTTTCCTCCTATCCGTCTGTTCAGCATGT
ATGACCGGAGCTGCTGTGCCCGTCTGCTTTCTTTTCCTTCTGTCTGTATGCTCAGCCTGT
ATGACTGGAGCCGCTGTTTTCCGTGTGCCTACTTTTCTTGTGTTTCTATGTTTCAGCATGT
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TACATCTCTAGCTGTCCCATCGGAGGGAAGAGATCCATCATGGATGCACCGCTGCGCAAG
TACATCTCCAAGTGTCCAATCGGAGGAAAAAGGTCCATGATGGACGCACCCCTGCGCAAG
TACATCTCTAACTGTCCCATCGGAGGGAAGAGATCCATCATGGATGCACCGCTACGCAAG
TACATCTCTAACTGTCTTATCGGGGGGAAGAGGTCAATTATGGACGCACCCAGCGCAAG
TACATCTCTAACTGTCTTATCGGGGGGAAGAGGTCCATCATGGACGCACCCAGCGCAAG
TACATCTCCAAGTGTCTTATGGTGGGAAGAGGTCCATCATAGATGCACCACTGCGGAAG
TACATCTCAAAGTGTCCCATCGGCGGGAAGCGGTCCATCATGGATGCACCACTACGCAAG
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TGCATGTCGTGTGGCCCCGAGACAGGGGCCGCTGCTTCGGCCCCAACATCTGCTGTGGG
TGCATGTCGTGTGGCCCCGAGACAGAGGCCGCTGCTTCGGGCCAAGTATCTGCTGCGGG
TGCATGTCGTGTGGCCCCGAGACAGGGGCCGCTGCTTCGGCCCCAGTATCTGCTGCGGG
TGCATGCCCTGTGGCCCTGGAGACCGGGGCCGCTGCTTGGCCCCAATATCTGCTGCGGC
TGCATGTCGTGTGGCCCTGGAGACAGGGGCCGTTGTTTCGGCCCCAGTATCTGCTGTGGA
TGCATGCCCTGTGGCCCCGAGACAAGGGGCCGCTGCTTCGGCCCAGGTATCTGCTGTGGG
TGCATGTCCTGTGGCCCCGAGACAGGGGCCGCTGCTTCGGCCCCGGTATCTGCTGCGGG
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GAGGGCCTCGGCTGTCTGCTGGGCTCCCCGGAAGCAGCTCACTGCGTGGAGGAGAATAT
GAAGGTCTTGGTTGCCTGCTCGGCTCCCCGGAACAGCTCACTGTGTGGAGGAGAATAC
GAGGGCCTCGGTTGTCTGCTTGGCTCCCCGGAACAGCTCACTGTGTGGAGGAGAATAC
GAGGGCCTGGGCTGTTTGTCTGGGCTCCCCAGAAACAGCTCACTGTTTGGAGGAGAATAC
GAGGGCCTTGGTTGCTTGTCTGGGCTCCCCAGAAACAGCTCACTGCGTGGAGGAGAATAC
GAGGGTCTCGGCTGCCTGCTGGGCTCCCCAGAAACAGCTCACTGTGTGGAGGAGAATAC
GAGGGTCTGGGCTGCCTGCTGGGCTCCCCAGAGACAGCTCACTGTGTGGAGGAGAATAC
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CTGCTCACCCCTGCCAGGCGGGAGGGAGACCTGTGGCTCTGAAGGAGGACGCTGCGCT
CTGCTCACCCCTGCCAGGCGGGAGGAGACCCCTGTGGTTCTGAAGGAGGACGCTGTGCT
CTGCTCACCCCTGCCAGGCGGGAGGGAGACCCCTGTGGATCTGAAGGAGGACGCTGCGCT
CTGCTCACCCCTGCCAGGCGGGAGGAGACCCCTGTGGATCTGAGGGAGGACGCTGTGCT
CTGCTCACCCCTGCCAGGCGGGAGGGAGACCCCTGCGGATCTGAGGGAGGACGCTGCGCT
CTGCTGACTCCCTGCCAGGCGGGAGGAGACCCCTGCGGATCTGAGGGAGGACGCTGCGCT
CTGCTCACCCCTGCCAGGCGGGAGGGAGACCCCTGTGGATCTGAGGGAGGACGCTGTGCG
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GCTTCAGGACTCTGCTGCGATGCAGAGAGCTGCACCACAGACCAATCCTGCCTCATCGAG
GCTTCAGGACTCTGCTGTGATGCAGAGAGCTGCACCACAGATCAATCCTGCCTTATCGAG
GCTTCAGGACTCTGCTGCGATGCAGAGAGCTGCACCACAGACCAATCCTGCCTCATCGAG
GCCTCAGGAGTCTGCTGCGATGCAGAGAGCTGCACTACAGACCAATCCTGCCTCATGGAC
GCCTCAGGAGTCTGCTGTGATGCAGAAAGCTGCACTACAGACCAATCCTGCCTCGTGGAC
GCTTCAGGACTCTGCTGTGATGCAGAGAGCTGCACCACAGACCAAGTCTGCCTCATGGAG
GCATCAGGACTCTGCTGTGATGCAGAGAGTTGCACCACAGACCAATCCTGCCTCATCGAG
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GAGGAGGGAGACGACCAAAGCAGCCAATCCGAAGGCAGCGACACCGGTGACATCATCCTC
GAGGAAGGAGATGAACAAACAGCCAGTTTCGATGGCAGCGACCCCGGTGACATCATCCTC
GAGGAGGGAGATGACCAAAGCAGCCAATTCGAAGGCGGTGACACCGGTGACATCATCCTC
GAGGAGGGCGACGACCAAACAGCCAATTCGAAGGTGGTGACCCCTGGTGTGACATCATCCTC
GAGGAGGGCGACGACCAAACAGCCAATTCGAAGGCAGCGACCCCTGGTGTGACATCATCCTC
GAGGAAGGAGACGACCAAAGCAGCCAATTCGAAGGCAGTGACCCCGGTGACATCATCCTC
GAGGACGGAGAGGACCAAACCGGCCAATTGGAAGGCGGCGACCCAGTGACATCATCTTC
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Haplochromis
Sparus
Parajulis

AGGCTCCTGCATCTGGCCGGCCACACTTCTCCTCATCGAATTCAACAGTGA
AGGCTCCTGCATTTGGCTGGCCACAGTTCTCCTCATCGAGTCCACCAATGA
AGGCTCCTGCATCTGGCCGGCCACACTTCTCCTCATCGAATTCAACAGTGA
AGGCTGCTGCATCTGGCTGGTGCACACTTCTCCTCATCGAGTCCACCAATGA

Notolabrus	AGGCTGCTGCATCTGGCTGGTCACACTTCTTCTCATCGAGTCCACCAATGA
Amphipirion	AGGTTTCCTGCATCTGGCTGGCCACACTTCTCCTCACCGAATCCACCAATGA
Platichthys	AGGCTCCTGCATCTGGTCGGTCACGCTTCTCCTCATCAAAGTCACCAGTGA
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Figure S2. Multiple alignments of the nucleotide sequences of *it* (black porgy, *Acanthopagrus schlegelii*) with other teleosts. GenBank accession numbers for the nucleotide sequences are follows: gilthead sea bream (*Sparus aurata*, FR851925 *it*), European flounder (*Platichthys flesus*, AB036518 *it*), sebase clownfish (*Amphipirion sebar*, KP260906 *it*), cichlid fish (*Haplochromis burtoni*, GQ288466 *it*), multicolour rainbowfish (*Parajulis poecilepterus*, DQ073095 *it*), spotty warsse (*Notolabrus celidotus*, MK252281 *it*). The boxes represent the ATG start codon and underlines represent the stop codon. The symbols “*”, “.”, and “:” denote the identity, single nucleotide variation, and more than one nucleotide variation among fish species, respectively.