

Gene name	Gene ID	Chromosome_ID	Length	High-Quality RPKM	Non High-Quality RPKM	log2Fold Change
warm-temperature-acclimation-related 65-kDa protein	100049497	chr 2	1,392	5.9871	0.0358	6.89

Gene sequence:

CTAATAAGCAGATTCTCCCTTCTCTGACTCCTAATCCTGACATCCCATCATTG
CTGAGGTGATGGGCTCAAACAAAGCTATGTGTCTGCCCCGAGCCAGAATCA
GCACGGTGT CATAGTGGTAAAAATGTGAACCTTTAAACACTTTAATTCCCC
TGGACCACACAGAGCAGCATCAGGGCCGTGCAAGTATGCAGGCATAGGCA
GATCTCGGGTCACGATCCTGGGCGTGGTGGTTAGGTCGACGCCATACAGCC
TTGATCCTTTGAATATGTGAACAATGTGTTACCCGGACAGAGAAAAGCAG
CGTCCACATGTCCTTCAAAGTTGAGCTCTTCCTTCAGGGTTTTAGGGTAGC
CTTCGATCAGCGTGTAGGGAGCAGCTGCTTTATAGATGTAAACCTGATCATC
CTTAATCAAGTAGATTTTGTGTCAGTGTAGGAGAAGGCAGCATCCACCCCACC
AGTCACCTCCTTCCACGCCCTCGTGATTGGGAAGGCGTGGAGGCCGTCAC
GCCGGGTGTCCAGACGCATGTACATACGGCCTGCAAATAAATAGGTTTTGC
CTACATCATCAGTGGTGTGATGGCATCTATTTGAGCTCACTGCATTTAGGGAT
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GGCGTCCTTCGGGTAGGTCCTTCACCTCTCCCGATACAGGGTTGAACCT
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TTGCAATATCATAAACATGCACATCATGTCCCTTGAAGAACAGAACCGAGT
CAGTCGTGCACTCTCCTTTGGGACACTCCACAGCAGCATCAAGGTGAGCA
GGGACTCCTGGGAAGTCTTCCTGGATTCTTTTGGATAGCCGTCCTCTAGA
GTATGGTTATAGTAGCTGAACACCTTGTGTCATCCAGGAAGAAATAGATGTGAT
CGTGGTTCGTCTGGGTTCTCTGCGTCGTGCATACGGAAGGCGGGCGTCAACGT
GGCCTATGTTGTGGTTCGTCATCCAGCTCCTTGAAGAACTCGTTGGAGAGGT
GAGCTGCACCACTGAAACCCTTCCATAGGTGGCTACCTTTGAAGAAGAAA
GTTGTTCTTTCTCGTCAGGAGCGATTGCATCAAATTCATCCAGCACACC
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TAGTGAGGCCAAAAGCCAAGCACAGAAAGAGTGATCTGGTGAGCAGCTTC
ATGACGTCCAGTCCTGATGGAGACCTTGAATGTGGCTGTAGTCTAAAAGTA
GTGTCACAAGGTAA

The results of the blast by NCBI.

Sequences producing significant alignments:
 Select: [All](#) [None](#) Selected: 0
[Alignments](#) [Download](#) [GenBank](#) [Graphics](#) [Distance tree of results](#)

	Description	Max score	Total score	Query cover	E value	Ident	Accession
<input type="checkbox"/>	Scomberomorus niphonius warm temperature acclimation related 65kDa protein 2 (Wap65-2) mRNA, complete cds	1365	1365	97%	0.0	85%	KT356863.1
<input type="checkbox"/>	TPA: Dicentrarchus labrax warm temperature acclimation protein 65-2 mRNA, complete cds	1112	1112	93%	0.0	82%	BK006868.1
<input type="checkbox"/>	Oplegnathus fasciatus warm-temperature-acclimation-related 65-kDa protein (Wap65-2) mRNA, complete cds	1072	1072	96%	0.0	81%	JQ268276.1
<input type="checkbox"/>	Lateolabrax japonicus mRNA for warm temperature acclimation protein 65-2 (wap65-2 gene)	1024	1078	83%	0.0	83%	FR828805.1
<input type="checkbox"/>	PREDICTED: Notothenia coriiceps hemopexin (hpx), mRNA	1003	1003	81%	0.0	83%	XM_010790038.1
<input type="checkbox"/>	PREDICTED: Lates calcarifer hemopexin (hpx), transcript variant X2, mRNA	979	979	81%	0.0	82%	XM_018701742.1
<input type="checkbox"/>	PREDICTED: Lates calcarifer hemopexin (hpx), transcript variant X1, mRNA	979	979	81%	0.0	82%	XM_018701741.1
<input type="checkbox"/>	Harpagifer antarcticus mRNA for warm temperature acclimation related-like 65kDa protein (wap65-2 gene)	977	977	81%	0.0	82%	AM408054.1
<input type="checkbox"/>	Miichthys miiuy mRNA for warm temperature acclimation protein 65 KDa-2 (wap65-2 gene)	913	913	74%	0.0	83%	FN811135.1
<input type="checkbox"/>	PREDICTED: Lates calcarifer hemopexin (hpx), transcript variant X3, mRNA	905	905	75%	0.0	82%	XM_018701743.1
<input type="checkbox"/>	Larimichthys crocea Wap65-2 precursor, mRNA, complete cds	896	896	80%	0.0	81%	KJ412463.1
<input type="checkbox"/>	PREDICTED: Larimichthys crocea hemopexin-like (LOC104936899), mRNA	885	885	80%	0.0	81%	XM_010752995.1
<input type="checkbox"/>	PREDICTED: Larimichthys crocea hemopexin-like (LOC104936904), mRNA	880	880	80%	0.0	81%	XM_010753000.1
<input type="checkbox"/>	Paralichthys olivaceus Wap65-2 mRNA, complete cds	798	798	75%	0.0	81%	KC521545.1
<input type="checkbox"/>	PREDICTED: Stegastes partitus hemopexin-like (LOC103370039), mRNA	785	785	87%	0.0	78%	XM_008298941.1
<input type="checkbox"/>	PREDICTED: Haplochromis burtoni hemopexin-like (LOC102307725), mRNA	741	741	82%	0.0	79%	XM_005945146.2

Scomberomorus niphonius warm temperature acclimation related 65kDa protein 2 (Wap65-2) mRNA, complete cds

GenBank: KT356863.1

[FASTA](#) [Graphics](#)

Go to:

LOCUS KT356863 1725 bp mRNA linear VRT 01-MAY-2016
DEFINITION Scomberomorus niphonius warm temperature acclimation related 65kDa protein 2 (Wap65-2) mRNA, complete cds.
ACCESSION KT356863
VERSION KT356863.1
KEYWORDS .
SOURCE Scomberomorus niphonius (Japanese Spanish mackerel)
ORGANISM [Scomberomorus niphonius](#)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Neoteleostei; Acanthomorphata; Pelagiaria; Scombriformes; Scombridae; Scomberomorus.
REFERENCE 1 (bases 1 to 1725)
AUTHORS Liu, J.
TITLE Molecular cloning of Wap65-2 gene from Scomberomorus niphonius
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1725)
AUTHORS Liu, J.
TITLE Direct Submission
JOURNAL Submitted (30-JUL-2015) College of Life Sciences, China Jiliang University, Xueyuan Street 258, Hangzhou, Zhejiang 0571, P.R. China