

Table S1. cDNA and amino acid sequences of *GLUT1* in *Hypophthalmichthys molitrix*

	Length	Sequence
cDNA sequence	2104bp	AACCCCGGGAAAAGAGGCGAAGTTTCAGCTGAGTTAACGTACGTCGAA ACGTCATCGAACATTTGACAAGACGTGATGGAGGGCGAAAAGCAACTG ACCTGGCCGCTGATGCTGGCTGTAGGGACGGCTGTGATTGGCTCTCTTC AGTTCGGCTACAACACTGGTGTAATCAATGCCCCGCAAAGTGTCATTGA GGCCTTCTACAATAAGACATGGAATGATCGATATGGGAGAACATCCCTA AAACAACCATCACTACCCTGTGGTCTCTGTCTGTGGCCATCTTCTCTGTG GGCGGcATTGTTGGATCCTTCTCCGTTGGGCTGTTTGTCAACCGTTTTGG AAGGAGAACTCCATGCTCATGGCTAATGTCCTGGCTTTCATCGCTGCAG CACTCATGGGCTTCTCTAAGATGGGTGCGTCCTGGGAGATGCTCATTACT GGACGGTTCGTGGTAGGCCCTTTATTCTGGTCTGTCCACAGGCTTTGTGCC CATGTACGTGGGTGAGGTGGCTCCACAGCCCTCAGAGGAGCCCTTGGC ACCCTTCATCAGCTGGGCATCGTTATTGGCATCCTCATGGCACAGATCTT TGGTATGGACGTTATTATGGGTAACGAAACCATGTGGCCATTCTCCTGG GCTTTACCTTCATCCCTGCCCTGCTGCAGTGTGTTTACTGCCCATCTGC CCTGAGAGCCCTCGATTTCTCCTTATCATCCGCAATGAGGAAAACAAAG CCAAATCAGTGCTTAAAAAGCTGCGCGGGACGACAGATGTGGCCACAG ACATGCAGGAGATGAAGGAGGAGAGCAGACAGATGATGAGAGAGAAG AAAGTCACCATTCTGAAGTGTCCGCTCTCCGCTCTACCGACAGCCCAT CGCTGTAGCCATCATGCTGCAGCTGTCTCAGCAGCTGTCTGGAATCAATG CTGTATTCTACTACTCTACAAAGATCTTTGAGAAGGCAGGTGTGAAACA GCCGGTTTATGCCACTATCGGAGCTGGAGTCGTCAACACAGCTTTCACT GTAGTGTGCTGTTTGTGGTTCGAGCGAGCGGGCCGTAGGTCCCTGCACC TCTTGGGACTGCTGGGAATGGCTGGATCTGCTGTATTGATGACCATTGCT CTTGCCTTGCTGGAGAAATACGACTGGATGTCCTACATAAGCATCATAGC TATCTTTGGGTTTGTGGCCTTCTTTGAGATTGGACCCGGCCCCATCCCAT GGTTCATTGTGGCTGAACTGTTCAAGTCAAGGCCCAAGACCCTCGGCTTT TGCTGTAGCTGGATTCTCCAACTGGACCGCAAACCTTATCGTGGGCATGT GCTTTCAGTATGTTGAGGAGCTCTGTGGGCCGTACGTGTTTATCATCTTC ACCATATTTTACTTGGCTTCTTCATCTTCACCTACTTCAAAGTCCCAGAA ACCAAGGGCCGGACGTTTCGATGAAATCTCCGCTGGTTTCCGCCAGGTAG CATCAGCGGCTGAGAAGCACTACCCGAAGAGCTCAACAGCCTGGGGG CGGACTCTCAACTTTAAACCCCTCCTCTGACCCTGCTTTCCTCATCTGTT CACACTTCTGCACGCACCTACTGAGGAGAAGGGGTCACCAGGCTGTCTG ATCAAACATTTCCCCCTTCCCGTGGCTGCACTCACCTCTTAGTCCCCC AAAACCTCCCCGATGAACATGAGACATGGGGTTTGAAGGCAGGGAGTA AGAGTAGTTATTATATTCCTTTTATCAGAAAGATGATTGTTTAAAGACCTG TTCGAGGTGTCATATTGCAATTGGAGTCTTTTGGCTACTTTTATAAGGTTT TATGTTTTTTAAATCTATCCTAACTGTTACTTCTGCTGTGCTATAAGAGAG TGAAAACCTCGACCTAGCCTCTACGCTGTTGACGTCAGAAATCGACAGGT CAAATTTGACTTCCATACAGCGACTGACGATTAAATACTGTATTCCAGATA ACTGTATCTCTATTATGAAAGTTTTGTAGCTTTGATAAACCAGTTATCATC ATTAGCTTAGCTGTGCTTAGAAGTTGAAACAATTTAACATGCATAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAA
amino acid sequence	490aa	MEGEKQLTWPLMLAVGTAVIGSLQFGYNTGVINAPQSVIEAFYNKTNWDR YGENIPKTTITLWLSVAIFS VGGIVGSFSVGLFVNRFRRRNSMLMANVLA FIAAALMGFSKMGASWEMLITGRFVVGLYSGLSTGFVPMYVGEVAPTALR GALGTLHQLGIVIGILMAQIFGMDVIMGNETMWPFLLGFTFIPALLQCCLLP ICPESPRFLLIIRNEENKAKSVLKKLRGTTDVATDMQEMKEESRQMMREKK VTIPELFRSPLYRQPIAVAIMLQLSQQLSGINAVFYYSTKIFEKAGVKQPVY ATIGAGVVNTAFTVVSLFVVERAGRRSLHLLGLLGMAGSAVLMTIALALL EKYDWMSYISIIAIFGFVAFFEIGPGPIPWFIWAELFSQGPRPSAFVAVAGFSN WTANFIVGMCIFYVEELCGPYVFIIFTIFLLGFFIFTYFKVPETKGRTFDEISA GFRQVASAAEKHSPEELNSLGADSQL