

### **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Analysis of single nucleotide polymorphisms (SNPs) in the Steller's sea cow nuclear genome

File Name: Supplementary Data 2

Description: The genes name for the nonsense variants in the Steller's sea cow nuclear genome

File Name: Supplementary Data 3

Description: The genes name for the nonsynonymous variants in the Steller's sea cow nuclear genome

File Name: Supplementary Data 4

Description: The list of the loci that were under positive selection in the Steller's sea cow nuclear genome