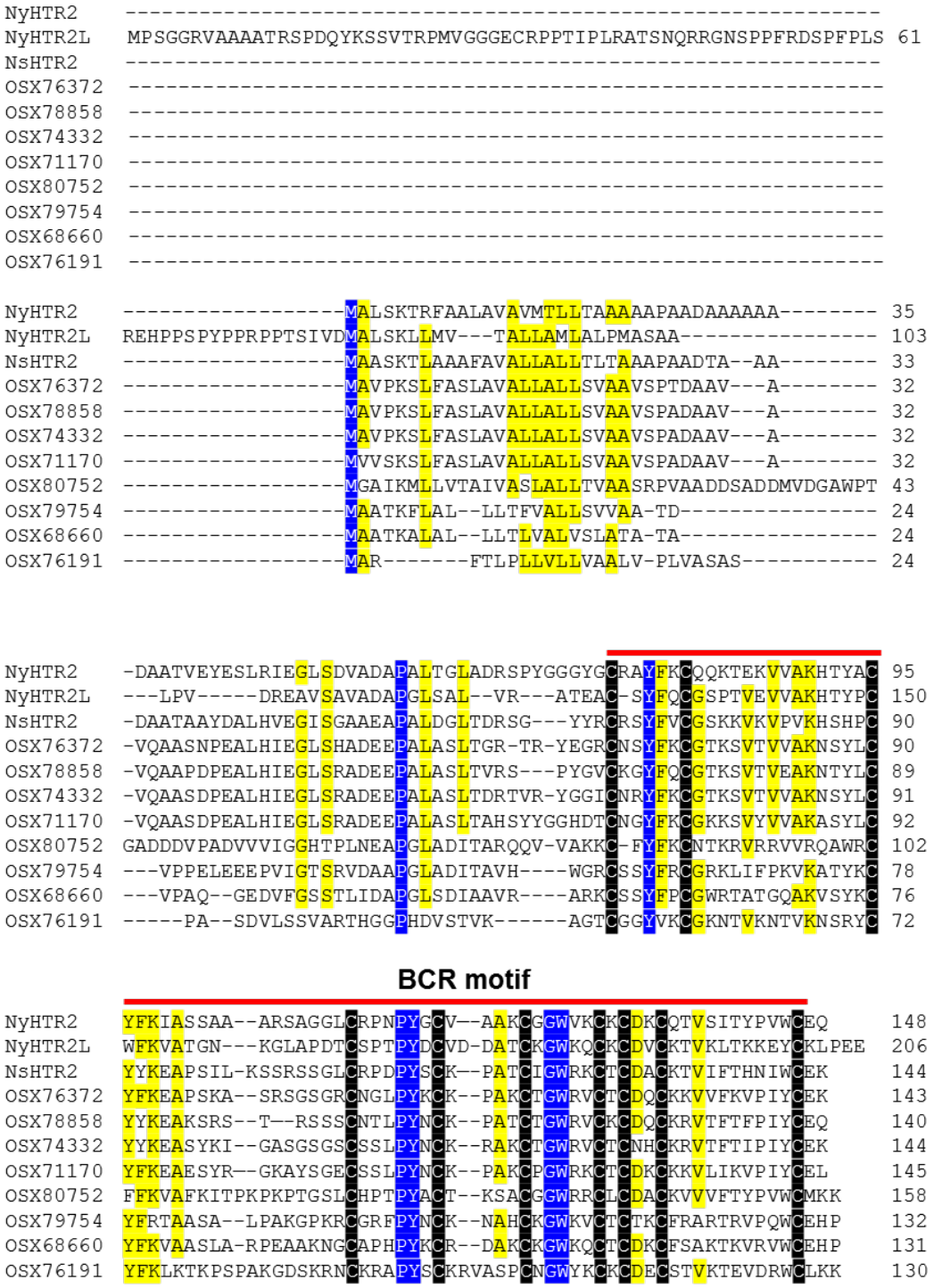

Figure S1. Conservation of the Bangiales cysteine-rich (BCR) motif in HTR2 homologs from *Neopyropia yezoensis*, *Neopyropia seriata*, and *Porphyra umbilicalis*. Cysteine residues and amino acids conserved in all 11 proteins are highlighted in black and dark blue (with white characters), respectively. Yellow backgrounds indicate amino acids conserved in 7 to 10 proteins. The position of the BCR motif is indicated by a red bar. The amino acid position numbers are indicated on the right.