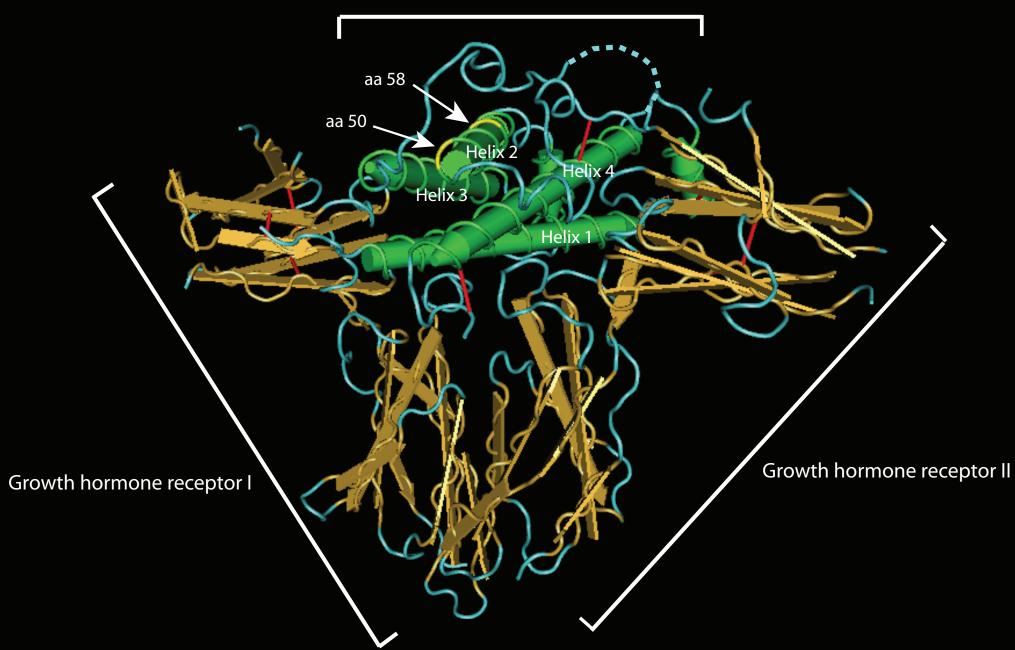Supplemantary Figure S1. Predicted positions of the amino acid residues that are likely to be under positive selection in the passerine growth hormone (GH) gene paralog S (amino acid residues 50 and 58 shown in yellow), using the 3-D structure of the human GH with two human GH receptors from de Vos, Ultsch and Kossiakoff (1992). The hormone is shown as green cylindrical arrows representing the helices connected by blue tubes. The β strands of the binding proteins are shown in brown rectangular arrows. Virtual disulfide bonds are indicated in red. The basic structure was drawn using the molecular structure viewer Cn3D (http://www.ncbi.nlm.nih.gov/Structure/CN3D/cn3d.html). aa=amino acid.