Figure S2 Multiple sequence alignment of β-Arr1 and β-Arr2 sequences (amino acids 319-382) from different species using the MAFFT (version 7) online tool (http://mafft.cbrc.jp/alignment/server/index.html). Purple shading indicates conserved residues between both β-Arrestins, red shading highlights conserved residues only for β-Arr1 meanwhile green shading highlights conserved residues only for β-Arr2. Yellow shading points out for residues that are not conserved between both proteins as well as between species even for a given protein. The CHC-interacting loop according to PDB 3GC3 is underlined. The presence of a sequence (amino acids 348-356) conserved in all mammalian β-Arr1 but not in β-Arr2 is also indicated.