



Fig. S7: Quality of the cryo-EM density map of the NDP- α -MSH ligand in the NDP- α -MSH-MC4R-Gs-Nb35 complex. Three different views (top to bottom) on the NDP- α -MSH ligand (green color) together with the coordinating calcium ion (lemon green color). All figures show cryo-EM densities of the ligand (light blue colored mesh/volume) contoured at three different contour levels (1.5 (left), 1.0 (middle) and 0.5 σ (right)). NDP- α -MSH is depicted as sticks and the calcium ion as sphere representation.