



Fig. S8: Quality of the cryo-EM density map of setmelanotide in the setmelanotide-MC4R-Gs-Nb35 complex. Three different views (top to bottom) on the setmelanotide ligand (purple color) and the binding calcium ion (lemon green color). All figures show the 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)). Setmelanotide is depicted as sticks and the calcium ion as sphere representation.