



**Extended Data Figure 4 | Electron densities of the structure of the GCGR–NNC1702 complex.** **a**, Electron densities of NNC1702. The peptide NNC1702 is shown in red cartoon representation and as brown sticks. Electron densities are contoured at  $1.0\sigma$  from a  $|2F_o| - |F_c|$  map and

coloured blue. **b–d**, Electron densities of key GCGR residues involved in NNC1702 binding. The receptor is shown in grey cartoon representation. The key residues are shown as sticks and coloured yellow (ECD), green (stalk), magenta (ECL1) and blue (TMD).