



**S1 Fig. Capturing of NTS1-H4, biotinylated at the C-terminal avi-tag, on the biosensor overlay of 8 sensorgrams monitored on a Biacore A4000® during the capturing of the NTS1-H4 receptor on streptavidin pre-coated SA sensor.**

The resonance signal was monitored on eight spots in four flow channels (two spots per flow channel) in parallel. NTS1-H4 receptor was contacted twice (twice 20 min at a receptor concentration of 1  $\mu\text{M}$ ) with the sensor surface to achieve protein densities of  $\sim 9000$  RUs. Finally, a biotin solution at 500  $\mu\text{M}$  was injected over the sensor surface to block remaining free binding sites on streptavidin.