

**S1 Fig. Analytical HPLC chromatogram of [Nle<sup>14</sup>, <sup>125</sup>I-Tyr<sup>40</sup>-NH<sub>2</sub>]Ex-4 without (A) and with co-injection of cold reference [Nle<sup>14</sup>, <sup>127</sup>I-Tyr<sup>40</sup>-NH<sub>2</sub>]Ex-4 (B). UV-and radio-detectors were in series, resulting in a lag time of about 15 sec for the radiotrace. Numbers in the chromatograms refer to peak retention time in minutes.**

