# Supporting Information

**S1 Table. Identification of KOR by MALDI mass spectrometry.**

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| --- | --- | --- | --- |
| **Mass** | **Amino acid sequence** | **Amino acid number, location** | **Ions score** |
| 1388.64 | CFRDFCFPLK | 251-260 | 59 |
| 1175.59 | NTVQDPAYLR | 273-282 | 6 |

Sequence coverage was 7% and the protein was identified as kappa-type opioid receptor isoform 2 (Homo sapiens), which suggest that the identified protein was KOR.