Supplementary Material to “Isolation and characterization of five novel disulfide-poor conopeptides from *Conus marmoreus* venom”

**Additional file 4.** HPLC peak area data of amino acids in Edman degradation cycle of Mr-4.

| Component | 1     | 2     | 3     | 4     | 5     | 6     |
|-----------|-------|-------|-------|-------|-------|-------|
| Asp       | 0.26  | 345.05| 17438.85| 0.03  | 0.39  | 8010.02|
| Glu       | 0.14  | 19839.66| 0.47  | 0.07  | 0.1   | 0.65  |
| Asn       | 220.38| 0.4   | 65589.23| 0.07  | 0.09  | 66629.14|
| Gln       | 870.66| 0.41  | 0     | 641.55| 1255.16| 0     |
| Ser       | 37.12 | 0.7   | 22.27  | 0.31  | 0.44  | 0.17  |
| Thr       | 84.72 | 0.09  | 0.78  | 101.16| 13.19 | 23.33 |
| His       | 6.34  | 0.48  | 229.71 | 0.25  | 0.39  | 112.23 |
| Gly       | 19.12 | 0.74  | 0.6   | 54.82 | 0.68  | 0.52  |
| Ala       | 21.31 | 0.77  | 0.91  | 0.65  | 17.98 | 0.47  |
| Tyr       | 0.26  | 45.75 | 0.47  | 0.92  | 0.49  | 0.95  |
| Arg       | 52.4  | 0.55  | 0.76  | 2197.53| 0.04  | 0.48  |
| Met       | 2.84  | 0.04  | 0.76  | 0.54  | 0     | 0     |
| Val       | 0.43  | 317.94| 0.32  | 190870.7| 0.05  | 0.08  |
| Pro       | 25.75 | 0.44  | 0.72  | 328.78| 0.32  | 0.58  |
| Trp       | 65.25 | 0.28  | 0.25  | 7.73  | 0     | 0.33  |
| Phe       | 0.44  | 24.49 | 0.09  | 1.56  | 236.46| 74.06 |
| Lys       | 244072.3| 0.04 | 0.11  | 0.27  | 0.65  | 0.91  |
| Ile       | 225467.3| 0.01 | 0.5   | 0.36  | 0     | 4024.46|
| Leu       | 0.38  | 168.14| 373.97| 278.92| 177510.5| 0.04  |

| Component | 7     | 8     | 9     | 10    | 11    | 12    |
|-----------|-------|-------|-------|-------|-------|-------|
| Asp       | 0.07  | 0.38  | 10.4  | 0.73  | 0.77  | 0.99  |
| Glu       | 0.95  | 0.76  | 0.19  | 165.7 | 122.01| 81.18 |
| Asn       | 0.08  | 0.07  | 0.15  | 0     | 13.72 | 16.89 |
| Gln       | 414.08| 304.06| 0.6   | 0.7   | 0.71  | 0.97  |
| Ser       | 0.34  | 0.67  | 5.12  | 262.98| 0.05  | 0.35  |
| Thr       | 25.33 | 9.74  | 0.13  | 0.8   | 0     | 0     |
| His       | 0.19  | 1166.44| 0.11 | 0.51  | 0.22  | 0.56  |
| Gly       | 172.03| 0.47  | 42.41 | 0.43  | 0.72  | 4.61  |
| Ala       | 12026.82| 0.05 | 0.15  | 0.9   | 1     | 0.98  |
| Tyr       | 8.47  | 0.14  | 0.53  | 0.91  | 7.76  | 9.1   |
| Arg       | 21.88 | 0.13  | 0.57  | 0.55  | 0.77  | 0.8   |
| Met       | 113.04| 0.1   | 1.63  | 1.9   | 0.28  | 0     |
| Val       | 0.26  | 0.43  | 0.51  | 0.46  | 0.24  | 0.93  |
| Pro       | 0.67  | 0.47  | 0.89  | 0.47  | 0.73  | 0     |
| Phe       | 0.04  | 41.59 | 0.19  | 0.61  | 15.23 | 0     |
| Lys       | 192845.8| 0.04 | 3117.88| 0.03  | 10.97 | 23.15 |
| Ile       | 0.34  | 0.33  | 0.7   | 0.35  | 0.49  | 15.97 |
| Leu       | 0.13  | 29915.23| 0.06 | 0.09  | 0.19  | 0.38  |