

**APPENDIX O**

Supplemental Table 3: The forty tryptic peptide sequences generated from protein band in P1 by using MALDI-TOF mass spectrometry and was identified as cobra venom factor (accession no. [54035743](#))

<b>Observed</b>	<b><i>Mr</i> (expt)</b>	<b><i>Mr</i> (calc)</b>	<b>Delta</b>	<b>Start-end</b>	<b>Miss</b>	<b>Peptide</b>
904.7518	903.7445	903.4702	0.2744	598 - 604	0	K.IWDTIEK.S
916.7082	915.7010	915.4046	0.2963	1550 - 1557	0	K.QGTDENPR.A
917.7462	916.7389	916.4477	0.2912	775 - 781	0	K.TMSFYLR.D
933.7959	932.7886	932.5120	0.2767	754 - 760	0	K.SWLWLTK.D
1032.8542	1031.8469	1031.6379	0.2090	1421 - 1429	0	K.VAVIHYLNK.V
1054.8645	1053.8572	1053.6070	0.2502	1506 - 1514	0	R.IDVPLQIEK.A
1055.9164	1054.9092	1054.5771	0.3321	565 - 574	1	K.IKLEGDPGAR.V
1079.8789	1078.8716	1078.5923	0.2793	866-873	1	R.YRQQFPIK.A
1100.8972	1099.8900	1099.6237	0.2662	936 - 946	0	K.GVGGTQLEVIK.A
1109.8899	1108.8826	1108.5917	0.2909	219 - 227	0	K.YVLPSFEVR.L
1161.9042	1160.8969	1161.6362	-0.7393	1361 - 1370	1	K.GALMLKICTR.Y

*Mr*, relative molecular mass, expt, expected, and calc, calculated

<b>Observed</b>	<b><i>Mr</i> (expt)</b>	<b><i>Mr</i> (calc)</b>	<b>Delta</b>	<b>Start-end</b>	<b>Miss</b>	<b>Peptide</b>
1174.9028	1173.8956	1173.6434	0.2522	478 - 486	0	K.YFTYLILNK.G
1176.9197	1175.9125	1175.6298	0.2827	1292 - 1301	0	R.INYENALLAR.T
1237.9711	1236.9638	1236.6866	0.2772	218- 227	1	R.KYVLPSFEVR.L
1293.8990	1292.8917	1292.5925	0.2993	1458-1467	0	K.VYSYYNLDEK.C
1322.9754	1321.9681	1321.7030	0.2650	135 - 146	0	K.GIYTPGSPVLYR.V
1337.9159	1336.9086	1336.6412	0.2674	1577 - 1587	0	K.VNDDYLIWGSR.S
1345.9328	1344.9256	1344.6530	0.2726	552 - 564	0	K.GDNLIQMPGAAMK.I
1386.9842	1385.9769	1385.7092	0.2677	53 - 63	0	K.QLDIFVHDFPR.K
1417.9754	1416.9682	1416.6997	0.2684	898 - 910	0	K.ASVQEALWSDGVR.K
1445.0158	1444.0085	1443.7511	0.2575	1445 -1457	0	K.HFEVGFIQPGSVK.V
1490.0414	1489.0341	1488.7725	0.2616	1471 - 1483	1	K.FYHPDKGTGLLNK.I
1515.0851	1514.0778	1513.8042	0.2736	53 - 64	1	K.QLDIFVHDFPRK.Q
1527.0833	1526.0761	1525.7988	0.2773	1272 - 1284	0	K.DLNLDITIELPDR.E

*Mr*, relative molecular mass, expt, expected, and calc, calculated

<b>Observed</b>	<b><i>Mr</i> (expt)</b>	<b><i>Mr</i> (calc)</b>	<b>Delta</b>	<b>Start-end</b>	<b>Miss</b>	<b>Peptide</b>
1546.0644	1545.0571	1544.7947	0.2624	898 - 911	1	K.ASVQEALWSDGVRK.K
1686.1501	1685.1429	1684.9049	0.2380	1090 - 1103	1	R.WLILNRQQPDGAFK.E
1702.1421	1701.1349	1700.8848	0.2501	813 - 826	0	K.VFFIDLQMPYSVVK.N
1715.1510	1714.1437	1713.9162	0.2275	100 - 114	0	R.QNQYVVVQVTGPQVR.L
1719.1323	1718.1250	1717.8787	0.2462	834 - 847	0	R.AILHNYVNEDIYVR.V
1782.0439	1781.0366	1780.7751	0.2615	733 - 748	0	R.DDNEDGFIADSDIISR.S
1864.2716	1863.2643	1863.9982	-0.7339	782 - 798	0	R.DSITTWVVLAVSFTPTK.G
1872.2092	1871.2019	1870.9499	0.2521	1321 - 1336	0	K.ATMTILTFYNAQLQEK.A
1875.3723	1874.3651	1874.1353	0.2298	398 - 414	0	K.LILNIPLNAQSLPITVR.T
1970.1976	1969.1903	1968.9276	0.2627	35 - 52	0	R.TDTEEQILVEAHGDSTPK.Q
2030.1654	2029.1581	2029.0706	0.0875	1056 - 1074	1	R.ASSSWLTAYVVKVFAMAAK.M
2103.3577	2102.3504	2102.1776	0.1728	879 - 897	0	R.AVPFVIVPLEQGLHDVEIK.A
2121.3418	2120.3345	2120.1477	0.1868	1272 - 1289	1	K.DLNLDITIELPDREVPYR.Y

*Mr*, relative molecular mass, expt, expected, and calc, calculated

<b>Observed</b>	<b><i>Mr</i> (expt)</b>	<b><i>Mr</i> (calc)</b>	<b>Delta</b>	<b>Start-end</b>	<b>Miss</b>	<b>Peptide</b>
2222.2104	2221.2031	2221.0824	0.1207	1531 - 1549	0	R.IEEQDGNDIYVMDVLEVIK.Q
2381.2955	2380.2882	2380.2209	0.0673	499 - 519	0	R.DGQNLVTMNLHITPDLIPSFR.F
2537.3605	2536.3532	2536.3220	0.0312	498 - 519	1	R.RDGQNLVTMNLHITPDLIPSFR.F

*Mr*, relative molecular mass, expt, expected, and calc, calculated

**Mass:** 185,940 **Score:** 183 **Expect:** 4e-13 **Queries matched:** 40 peptides of cobra venom factor precursor (CVF)