

S2A-H Table

S2A. Venom composition of *N. Naja*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. Mass (KDa)	Toxin type
Cobra venom factor (CVF): 17.05%								
1	Q91132	<i>Naja kaouthia</i>	46	29	31	1500000	184.517	Cobra venom factor
2	I2C090	<i>Ophiophagus hannah</i>	14	2	10	34000	183.927	Cobra venom factor
Snake venom metalloproteinase (SVMP): 5.56%								
3	F8RKW0	<i>Drysdalia coronoides</i>	2	1	3	4370	68.427	SVMP
4	D5LMJ3	<i>Naja atra</i>	5	3	8	63700	68.254	SVMP
5	F8RKW1	<i>Drysdalia coronoides</i>	2	1	3	4370	68.24	SVMP
6	Q10749	<i>Naja mossambica</i>	5	2	7	38600	68.176	SVMP
7	F8RKY9	<i>Drysdalia coronoides</i>	2	1	3	4370	68.087	SVMP
8	Q9PVK7	<i>Naja kaouthia</i>	17	12	28	261000	67.662	SVMP
9	D3TTC1	<i>Naja atra</i>	9	1	16	14300	66.292	SVMP
10	P82942	<i>Naja kaouthia</i>	11	4	25	110000	44.493	SVMP
5'-nucleotidase: 2.37%								
11	B6EWW8	<i>Gloydius brevicaudus</i>	11	11	20	213000	64.434	5'-nucleotidase
L-amino-acid oxidase (LAAO): 3.44%								
12	A8QL58	<i>Naja atra</i>	13	10	24	278000	51.439	L-amino-acid oxidase

13	P0DI91	<i>Naja oxiana</i>	5	2	47	31400	11.216	L-amino-acid oxidase
Snake venom serine protease (SVSP): 0.58%								
14	A8QL53	<i>Naja atra</i>	2	1	11	5050	31.137	SVSP
15	A8QL57	<i>Bungarus multicinctus</i>	2	1	11	5050	31.01	SVSP
16	A8QL56	<i>Ophiophagus hannah</i>	2	1	6	7730	28.656	α - and β - fibrinogenase
17	Q09GK1	<i>Philodryas olfersii</i>	2	1	6	7730	28.447	SVSP
18	P00761	<i>Sus scrofa</i>	2	2	13	26500	24.409	Trypsin
Cysteine-rich secretory protein (CRISP): 2.39%								
19	Q7T1K6	<i>Naja atra</i>	9	5	42	72700	26.882	CRISP
20	Q7ZT98	<i>Ophiophagus hannah</i>	5	1	15	23200	26.869	CRISP
21	P84805	<i>Naja kaouthia</i>	9	5	42	72700	26.846	CRISP
22	P84808	<i>Naja kaouthia</i>	6	6	39	46500	26.216	CRISP
Phospholipase A2 (PLA2): 14.54%								
23	Q3C2C2	<i>Acanthaster planci</i>	1	1	4	70900	17.83	PLA2
24	P59172	<i>Echis leakeyi</i>	1	1	5	70900	15.945	Acidic PLA2
25	P59170	<i>Echis sochureki</i>	1	1	5	70900	15.895	Acidic PLA2
26	Q90ZZ9	<i>Echis coloratus</i>	1	1	5	70900	15.77	PLA2
27	P0CAR9	<i>Cerastes cerastes</i>	1	1	5	70900	15.365	Acidic PLA2
28	Q9YGJ7	<i>Daboia palaestinae</i>	1	1	5	70900	15.35	Acidic PLA2

29	F8QN53	<i>Vipera renardi</i>	1	1	5	70900	15.316	Acidic PLA2
30	P21789	<i>Cerastes cerastes</i>	1	1	6	70900	13.534	Acidic PLA2
31	P24293	<i>Eristicophis macmahoni</i>	1	1	6	70900	13.533	Acidic PLA2
32	Q5G290	<i>Naja sagittifera</i>	8	1	27	14300	13.501	Acidic PLA2
33	P15445	<i>Naja naja</i>	17	6	64	629000	13.346	Acidic PLA2
34	P25498	<i>Naja oxiana</i>	6	2	34	26900	13.229	Acidic PLA2
Natriuretic peptide: 0.07%								
35	D9IX97	<i>Naja atra</i>	1	1	5	6550	17.345	Natriuretic peptide
Vespryn: 0.60%								
36	P82885	<i>Naja kaouthia</i>	2	2	29	53600	12.038	Vespryn
Three-finger toxins (3FTx): 47.21%								
37	Q9W717	<i>Naja atra</i>	2	2	38	32400	9.695	Short-chain α -neurotoxin
38	Q9W716	<i>Naja atra</i>	5	2	46	112000	9.333	Cytotoxin
39	P62375	<i>Naja atra</i>	5	2	46	112000	9.323	Cytotoxin
40	Q91996	<i>Naja atra</i>	5	2	46	112000	9.305	Cardiotoxin
41	P25672	<i>Naja haje</i>	10	1	75	176000	7.889	Long-chain α -neurotoxin
42	P25668	<i>Naja haje</i>	13	1	80	70000	7.847	Long-chain α -neurotoxin
43	P01391	<i>Naja kaouthia</i>	13	1	79	923000	7.831	Long-chain α -neurotoxin
44	P25674	<i>Naja haje</i>	6	1	51	9620	7.821	Long-chain α -neurotoxin
45	P25669	<i>Naja haje</i>	13	1	80	741000	7.821	Long-chain α -neurotoxin

46	P34074	<i>Naja annulata</i>	6	1	51	9620	7.768	Long-chain α -neurotoxin
47	P29181	<i>Naja naja</i>	3	1	35	1950	7.637	Long-chain α -neurotoxin
48	P82464	<i>Naja kaouthia</i>	5	5	71	47300	7.624	Muscarinic neurotoxin
49	P82463	<i>Naja kaouthia</i>	2	2	42	219000	7.298	Muscarinic neurotoxin
50	P62377	<i>Naja naja</i>	5	2	61	112000	7.014	Cytotoxin
51	P01427	<i>Naja oxiana</i>	5	5	61	1530000	6.885	Short-chain α -neurotoxin
52	P62390	<i>Naja annulifera</i>	4	2	47	10700	6.842	Cytotoxin
53	P62394	<i>Naja haje</i>	4	2	47	10700	6.842	Cytotoxin
54	P86538	<i>Naja naja</i>	12	2	80	18900	6.711	Cytotoxin
Kunitz-type serine protease inhibitor: 6.20%								
55	P19859	Naja naja	3	2	51	31100	6.508	Kunitz
56	P20229	Naja naja	8	7	84	527000	6.371	Kunitz

S2B. Venom composition of *N. kaouthia* (Arunachal Pradesh)

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Cobra venom factor (CVF): 7.90%								
1	Q01833	<i>Naja naja</i>	16	1	12	8600	184.926	Cobra venom factor
2	Q0ZZJ6	<i>Austrelaps superbis</i>	10	1	5	16300	184.725	Cobra venom factor
3	Q91132	<i>Naja kaouthia</i>	62	39	49	885000	184.517	Cobra venom factor
4	I2C090	<i>Ophiophagus hannah</i>	16	2	11	40700	183.927	Cobra venom factor
Venom phosphodiesterase (PDE): 0.43%								
5	J3SEZ3	<i>Crotalus adamanteus</i>	2	2	3	25800	96.373	Phosphodiesterase
6	J3SBP3	<i>Crotalus adamanteus</i>	2	2	3	25800	91.752	Phosphodiesterase
Snake venom metalloproteinase (SVMP): 4.87%								
7	B8K1W0	<i>Daboia russelii</i>	2	1	2	29000	69.555	SVMP
8	D3TTC2	<i>Naja atra</i>	14	2	25	36900	69.181	SVMP
9	D5LMJ3	<i>Naja atra</i>	4	4	3	45200	68.254	SVMP
10	Q10749	<i>Naja mossambica</i>	4	2	6	107000	68.176	SVMP
11	Q9DGB9	<i>Crotalus atrox</i>	1	1	3	4040	67.96	SVMP
12	F8S108	<i>Crotalus adamanteus</i>	1	1	3	4040	67.91	SVMP
13	Q9PVK7	<i>Naja kaouthia</i>	26	12	37	280000	67.662	SVMP
14	D3TTC1	<i>Naja atra</i>	4	1	10	9400	66.292	SVMP

15	D6PXE8	<i>Naja atra</i>	4	1	10	9400	66.246	SVMP
16	Q076D1	<i>Crotalus terrificus</i>	1	1	4	4040	46.565	SVMP
17	C5H5D1	<i>Crotalus cascavella</i>	1	1	4	4040	46.165	SVMP
18	P82942	<i>Naja kaouthia</i>	7	4	31	53300	44.493	SVMP
Acetylcholinesterase (AChE): 0.03%								
19	Q92035	<i>Bungarus fasciatus</i>	2	2	6	3860	68.074	Acetylcholinesterase
5'-nucleotidase: 1.17%								
20	B6EWW8	<i>Gloydius brevicaudus</i>	11	11	19	135000	64.434	5'-nucleotidase
21	Q05927	<i>Bos taurus</i>	1	1	4	6120	62.966	5'-nucleotidase
L-amino-acid oxidase (LAAO): 0.55%								
22	A8QL58	<i>Naja atra</i>	7	6	24	57600	51.439	L-amino-acid oxidase
23	P0DI91	<i>Naja oxiana</i>	2	1	33	8510	11.216	L-amino-acid oxidase
Nerve growth factor (NGF): 2.25%								
24	Q5YF89	<i>Naja sputatrix</i>	9	1	38	8400	27.03	Nerve growth factor
25	P61898	<i>Naja atra</i>	10	2	76	131000	13.064	Nerve growth factor
26	P61899	<i>Naja kaouthia</i>	10	2	76	131000	13.064	Nerve growth factor
Cysteine-rich secretory proteins (CRISP): 13.12%								
27	Q7T1K6	<i>Naja atra</i>	25	25	87	1030000	26.882	CRISP
28	P84808	<i>Naja kaouthia</i>	12	12	72	549000	26.216	CRISP

Phospholipase A2 (PLA2): 0.81%								
29	P00596	<i>Naja kaouthia</i>	23	1	62	9500	16.271	Acidic PLA2
30	Q9I900	<i>Naja sputatrix</i>	21	1	52	21700	16.097	Acidic PLA2
31	P00597	<i>Naja kaouthia</i>	34	2	79	21500	16.016	Acidic PLA2
32	P00598	<i>Naja atra</i>	34	2	79	21500	16.013	Acidic PLA2
33	P15445	<i>Naja naja</i>	26	1	84	14400	13.346	Acidic PLA2
34	P25498	<i>Naja oxiana</i>	15	1	50	9060	13.229	Acidic PLA2
Vespryn: 1.30%								
35	P82885	<i>Naja kaouthia</i>	5	5	56	156000	12.038	Vespryn
Three-finger toxins (3FTx): 67.56%								
36	Q9DEQ3	<i>Naja atra</i>	4	3	59	22000	9.962	Short-chain α -neurotoxin
37	Q9W727	<i>Bungarus multicinctus</i>	4	3	59	22000	9.934	Muscarinic neurotoxin
38	Q9YGI2	<i>Naja atra</i>	5	2	33	6480	9.845	Long-chain α -neurotoxin
39	O93422	<i>Naja atra</i>	5	2	33	6480	9.815	Long-chain α -neurotoxin
40	Q9PTT0	<i>Naja naja</i>	5	1	46	510000	9.262	Short-chain α -neurotoxin
41	P60770	<i>Naja atra</i>	5	1	46	510000	9.262	Short-chain α -neurotoxin
42	P60771	<i>Naja kaouthia</i>	5	1	46	510000	9.262	Short-chain α -neurotoxin
43	P49122	<i>Naja atra</i>	5	2	32	56800	9.086	Cytotoxin
44	P80245	<i>Naja atra</i>	18	1	53	19100	8.98	Cytotoxin

45	P25668	<i>Naja naja</i>	3	2	46	11900	7.847	Long-chain α -neurotoxin
46	P01391	<i>Naja kaouthia</i>	12	5	76	878000	7.831	Long-chain α -neurotoxin
47	P25674	<i>Naja haje</i>	5	1	51	14200	7.821	Long-chain α -neurotoxin
48	P34074	<i>Naja annulata</i>	5	1	51	14200	7.768	Long-chain α -neurotoxin
49	P29181	<i>Naja naja</i>	1	1	14	8570	7.637	Long-chain α -neurotoxin
50	P82464	<i>Naja kaouthia</i>	3	2	72	24200	7.624	Muscarinic neurotoxin
51	P25679	<i>Naja kaouthia</i>	7	7	28	2320000	7.438	Long-chain α -neurotoxin
52	P01400	<i>Naja melanoleuca</i>	4	1	43	25100	7.43	Long-chain α -neurotoxin
53	P82462	<i>Naja kaouthia</i>	8	6	74	531000	7.366	Muscarinic neurotoxin
54	P82463	<i>Naja kaouthia</i>	8	8	82	355000	7.298	Muscarinic neurotoxin
55	P14541	<i>Naja kaouthia</i>	5	2	37	10400	6.994	Cytotoxin
56	Q9PSN6	<i>Naja sputatrix</i>	5	1	61	67400	6.958	Short-chain α -neurotoxin
57	P59276	<i>Naja kaouthia</i>	6	1	61	7340	6.859	Short-chain α -neurotoxin
58	P01452	<i>Naja mossambica</i>	6	2	38	98200	6.715	Cytotoxin
59	P86538	<i>Naja naja</i>	14	8	63	2100000	6.711	Cytotoxin

S2C. Venom composition of *N. kaouthia* (West Bengal)

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Cobra venom factor (CVF): 3.16%								
1	J3S836	<i>Crotalus adamanteus</i>	10	1	6	1890	184.922	Venom factor
2	Q91132	<i>Naja kaouthia</i>	52	32	38	562000	184.517	Cobra venom factor
3	I2C090	<i>Ophiophagus hannah</i>	14	2	11	31500	183.927	Cobra venom factor
Snake venom metalloproteinase (SVMP): 1.31%								
4	D5LMJ3	<i>Naja atra</i>	5	4	11	17300	68.254	SVMP
5	F8RKW1	<i>Drysdalia coronoides</i>	2	1	4	1090	68.24	SVMP
6	Q9PVK7	<i>Naja kaouthia</i>	15	14	29	200000	67.662	SVMP
7	D3TTC1	<i>Naja atra</i>	2	1	5	12200	66.292	SVMP
8	D6PXE8	<i>Naja atra</i>	2	1	5	12200	66.246	SVMP
9	P82942	<i>Naja kaouthia</i>	2	1	8	2810	44.493	SVMP
5'-nucleotidase: 0.22%								
10	B6EWW8	<i>Gloydus brevicaudus</i>	9	9	18	41000	64.434	5'-nucleotidase
Phospholipase B (PLB): 0.02%								
11	F8J2D3	<i>Drysdalia coronoides</i>	1	1	5	3510	64.103	Phospholipase B
L-amino-acid oxidase (LAAO): 0.02%								

12	A8QL58	<i>Naja atra</i>	2	2	10	3840	51.439	L-amino acid oxidase
Cysteine-rich secretory proteins (CRISP): 1.20%								
13	Q7T1K6	<i>Naja atra</i>	9	9	56	79400	26.882	CRISP
14	P84805	<i>Naja kaouthia</i>	9	9	56	79400	26.846	CRISP
15	Q7ZZN8	<i>Naja atra</i>	6	6	42	33200	26.246	CRISP
16	P84808	<i>Naja kaouthia</i>	6	6	42	33200	26.216	CRISP
Snake venom serine protease (SVSP): 0.01%								
17	P06871	<i>Canis familiaris</i>	1	1	1	891	26.170	Trypsin
18	P00761	<i>Sus scrofa</i>	1	1	4	891	24.409	Trypsin
C-type lectin (CTL): 0.20%								
19	Q90WI6	<i>Bungarus multicinctus</i>	1	1	5	7410	18.706	C-type lectin
20	D2YVI2	<i>Pseudechis australis</i>	1	1	5	7410	18.687	C-type lectin
21	Q90WI8	<i>Bungarus fasciatus</i>	1	1	5	7410	18.638	C-type lectin
22	D2YVJ6	<i>Pseudechis porphyriacus</i>	1	1	5	7410	18.617	C-type lectin
23	D2YVK1	<i>Hoplocephalus stephensii</i>	1	1	5	7410	18.567	C-type lectin
Natriuretic peptide (NP): 0.04%								
24	D9IX97	<i>Naja atra</i>	3	3	14	6770	17.345	Natriuretic peptide
Phospholipase A2 (PLA2): 3.08%								
25	P00596	<i>Naja kaouthia</i>	24	2	62	24500	16.271	Acidic PLA2
26	Q9I900	<i>Naja sputatrix</i>	22	2	58	555000	16.097	Acidic PLA2

Nerve growth factor (NGF): 0.03%								
27	P61898	<i>Naja atra</i>	1	1	9	3010	13.064	Nerve growth factor
28	P61899	<i>Naja kaouthia</i>	1	1	9	3010	13.064	Nerve growth factor
Vespryn: 0.91%								
29	P82885	<i>Naja kaouthia</i>	4	4	56	171000	12.038	Vespryn
Three-finger toxins (3FTx): 89.72%								
30	Q9W717	<i>Naja atra</i>	3	3	40	89200	9.695	Short-chain α -neurotoxin
31	F8J2E6	<i>Drysdalia coronoides</i>	3	1	11	239000	9.526	Long-chain α -neurotoxin
32	Q9PTT0	<i>Naja naja</i>	7	5	47	812000	9.262	Short-chain α -neurotoxin
33	P60770	<i>Naja atra</i>	7	5	47	812000	9.262	Short-chain α -neurotoxin
34	P60771	<i>Naja kaouthia</i>	7	5	47	812000	9.262	Short-chain α -neurotoxin
35	Q9PST4	<i>Naja sputatrix</i>	8	1	41	121000	9.054	Cytotoxin
36	Q9PST3	<i>Naja sputatrix</i>	8	1	41	121000	9.042	Cytotoxin
37	A0A0U5AUY6	<i>Naja naja</i>	8	1	46	121000	8.041	Cytotoxin
38	P25668	<i>Naja naja</i>	10	1	72	5850	7.847	Long-chain α -neurotoxin
39	P01391	<i>Naja kaouthia</i>	32	9	99	10500000	7.831	Long-chain α -neurotoxin
40	P25674	<i>Naja haje</i>	10	3	55	405000	7.821	Long-chain α -neurotoxin

41	P82464	<i>Naja kaouthia</i>	2	2	29	22700	7.624	Muscarinic neurotoxin
42	P01401	<i>Naja haje</i>	6	1	45	2550	7.546	Long-chain α -neurotoxin
43	P01400	<i>Naja melanoleuca</i>	7	2	62	74600	7.43	Long-chain α -neurotoxin
44	P82462	<i>Naja kaouthia</i>	4	2	63	304000	7.366	Muscarinic neurotoxin
45	P82463	<i>Naja kaouthia</i>	5	5	75	164000	7.298	Muscarinic neurotoxin
46	P01431	<i>Naja mossambica</i>	4	2	29	20000	7.081	Short-chain α -neurotoxin
47	P59276	<i>Naja kaouthia</i>	10	10	61	1530000	6.859	Short-chain α -neurotoxin
48	P86541	<i>Naja naja</i>	8	1	55	121000	6.764	Cytotoxin
49	P60308	<i>Naja atra</i>	3	1	27	17300	6.755	Cytotoxin
50	P86538	<i>Naja naja</i>	10	5	62	206000	6.711	Cytotoxin
Kunitz-type serine protease inhibitor: 0.1%								
51	Q5ZPJ7	<i>Naja atra</i>	2	2	59	18200	8.815	Kunitz

S2D. Venom composition of *Echis carinatus*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Hyaluronidase (HYL): 3.91%								
1	Q9UHN6	<i>Homo sapiens</i>	1	1	1	6510	154.373	Hyaluronidase
2	Q5FWI3	<i>Mus musculus</i>	1	1	1	6510	153.8	Hyaluronidase
3	A3KPQ7	<i>Danio rerio</i>	1	1	1	6510	152.327	Hyaluronidase
Snake venom metalloproteinase (SVMP): 18.69%								
4	Q90495	<i>Echis carinatus</i>	3	2	3	16100	69.463	SVMP
5	Q2UXQ5	<i>Echis ocellatus</i>	3	1	6	6710	69.426	SVMP
6	Q2UXR0	<i>Echis ocellatus</i>	5	1	7	1490	68.751	SVMP
7	Q4VM08	<i>Macrovipera lebetina</i>	5	4	6	5350	68.71	SVMP
8	Q10749	<i>Naja mossambica</i>	1	1	2	10300	68.176	SVMP
9	Q98UF9	<i>Bothrops jararaca</i>	4	2	6	19000	67.695	SVMP
10	Q9PVK7	<i>Naja kaouthia</i>	1	1	2	10300	67.662	SVMP
11	P0DM97	<i>Bitis arietans</i>	1	1	8	5150	58.718	SVMP
12	P86092	<i>Bothrops leucurus</i>	4	2	10	19000	36.262	SVMP
L-amino-acid oxidase (LAAO): 25.13%								
13	Q4JHE3	<i>Oxyuranus scutellatus</i>	1	1	2	25400	59.07	L-amino-acid oxidase
14	Q4JHE2	<i>Notechis scutatus</i>	1	1	2	25400	59.058	L-amino-acid oxidase
15	A8QL51	<i>Bungarus multicinctus</i>	1	1	2	25400	58.811	L-amino-acid oxidase
16	A8QL52	<i>Bungarus fasciatus</i>	1	1	2	25400	58.764	L-amino-acid oxidase

17	G8XQX1	<i>Daboia russelii</i>	5	5	9	17600	56.888	L-amino-acid oxidase
18	P0C2D6	<i>Protobothrops mucrosquamatus</i>	1	1	50	6370	2.931	L-amino-acid oxidase
Snake venom serine (SVSP): 3.01%								
19	Q6T6S7	<i>Bitis gabonica</i>	1	1	3	2290	28.982	SVSP
20	B5U6Y3	<i>Echis ocellatus</i>	1	1	3	3310	28.255	SVSP
21	Q8AY79	<i>Trimeresurus stejnegeri</i>	1	1	4	2520	28.028	β -fibrinogenase
22	P00761	<i>Sus scrofa</i>	1	1	3	3190	24.409	Trypsin
23	P86497	<i>Bitis rhinoceros</i>	1	1	16	3730	9.978	SVSP
Snake lectins (Snaclec): 12.04%								
24	Q7T2Q1	<i>Echis multisquamatus</i>	1	1	4	1320	18.214	Snaclec
25	Q6T7B6	<i>Bitis gabonica</i>	1	1	6	9820	18.157	Snaclec
26	B4XSZ0	<i>Macrovipera lebetina</i>	1	1	6	9820	17.759	Snaclec
27	B4XSY9	<i>Macrovipera lebetina</i>	1	1	6	9820	17.711	Snaclec
28	W5XCJ6	<i>Macrovipera lebetina</i>	1	1	6	9820	17.553	Snaclec
29	B0VXV2	<i>Sistrurus edwardsii</i>	1	1	10	2350	16.939	Snaclec
30	P81798	<i>Echis multisquamatus</i>	1	1	41	17200	3.458	Snaclec
Phospholipase A2 (PLA2): 29.21%								
31	Q7T3S7	<i>Echis carinatus</i>	8	8	46	146000	15.523	Acidic PLA2
Disintegrins: 8.02%								
32	Q5EE07	<i>Echis carinatus</i>	3	3	61	39000	7.127	Disintegrin
33	P0C6R5	<i>Echis multisquamatus</i>	2	2	19	1080	5.74	Disintegrin

S2E. Venom composition of *E. c. sochureki*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. Mass (KDa)	Toxin type
Hyaluronidase (HYL): 1.71%								
1	Q9UHN6	<i>Homo sapiens</i>	1	1	1	5460	154.373	Hyaluronidase
2	Q5FWI3	<i>Mus musculus</i>	1	1	1	5460	153.8	Hyaluronidase
3	A3KPQ7	<i>Danio rerio</i>	1	1	1	5460	152.327	Hyaluronidase
Snake venom metalloproteinase (SVMP): 2.96%								
4	B8K1W0	<i>Daboia russelii</i>	1	1	2	24200	69.555	SVMP
5	Q90495	<i>Echis carinatus</i>	1	1	2	4110	69.463	SVMP
6	P0DM89	<i>Gloydus brevicaudus</i>	1	1	4	1970	46.785	SVMP
L-amino-acid oxidase (LAAO): 12.65%								
7	Q4JHE3	<i>Oxyuranus scutellatus</i>	1	1	2	26200	59.07	L-amino-acid oxidase
8	Q4JHE2	<i>Notechis scutatus</i>	1	1	2	26200	59.058	L-amino-acid oxidase
9	A8QL51	<i>Bungarus multicinctus</i>	1	1	2	26200	58.811	L-amino-acid oxidase
10	A8QL52	<i>Bungarus fasciatus</i>	1	1	2	26200	58.764	L-amino-acid oxidase
11	G8XQX1	<i>Daboia russelii</i>	7	3	15	15700	56.888	L-amino-acid oxidase
12	B5U6Y8	<i>Echis ocellatus</i>	5	1	11	373	56.523	L-amino-acid oxidase

Snake venom serine protease (SVSP): 7.43%								
13	O13061	<i>Trimeresurus gramineus</i>	1	1	3	4310	28.934	SVSP
14	P18965	<i>Daboia siamensis</i>	1	1	3	2740	28.823	Factor V activator
15	P0C5B4	<i>Gloydius shedaoensis</i>	1	1	3	2740	28.616	Thrombin-like
16	Q8JH85	<i>Macrovipera lebetina</i>	1	1	3	4310	28.608	α -fibrinogenase
17	Q8UVX1	<i>Gloydius ussuriensis</i>	1	1	3	2740	28.53	SVSP
18	E5L0E3	<i>Daboia siamensis</i>	1	1	3	4310	28.496	α -fibrinogenase
19	E0Y420	<i>Macrovipera lebetina</i>	1	1	3	4310	28.352	SVSP
20	E0Y419	<i>Macrovipera lebetina</i>	1	1	4	4310	28.297	β -fibrinogenase
21	B5U6Y3	<i>Echis ocellatus</i>	1	1	3	4310	28.255	SVSP
22	E5L0E4	<i>Daboia siamensis</i>	1	1	4	4310	28.035	β -fibrinogenase
23	P81176	<i>Gloydius blomhoffii</i>	1	1	12	11100	26.483	Thrombin-like
24	P18964	<i>Daboia siamensis</i>	1	1	3	2740	26.182	Factor V activator
25	P00761	<i>Sus scrofa</i>	1	1	3	2670	24.409	Trypsin
26	P86497	<i>Bitis rhinoceros</i>	2	2	28	16100	9.978	SVSP
Cysteine-rich secretory proteins (CRISP): 6.24%								
27	P0DMT4	<i>Echis coloratus</i>	6	6	30	59600	24.699	CRISP

Snake lectin (Snaclec): 3.32%								
28	Q6T7B6	<i>Bitis gabonica</i>	1	1	6	5280	18.157	Snaclec
29	B4XSZ1	<i>Macrovipera lebetina</i>	1	1	7	2120	17.778	Snaclec
30	B4XSZ0	<i>Macrovipera lebetina</i>	1	1	6	5280	17.759	Snaclec
31	B4XSY7	<i>Macrovipera lebetina</i>	1	1	7	2120	17.717	Snaclec
32	B4XSY9	<i>Macrovipera lebetina</i>	1	1	6	5280	17.711	Snaclec
33	W5XCJ6	<i>Macrovipera lebetina</i>	1	1	6	5280	17.553	Snaclec
34	B5U6Y7	<i>Echis ocellatus</i>	1	1	7	2120	17.507	Snaclec
35	B4XSZ9	<i>Macrovipera lebetina</i>	1	1	8	2120	15.643	Snaclec
36	B4XSY8	<i>Macrovipera lebetina</i>	1	1	8	2120	15.308	Snaclec
C-type lectin (CTL): 0.22%								
37	Q6X5T4	<i>Bitis arietans</i>	1	1	7	2120	17.232	C-type lectins
Phospholipase A2 (PLA2): 61.87%								
38	Q7T3S7	<i>Echis carinatus</i>	11	11	25	226000	15.523	Acidic PLA2
39	P48650	<i>Echis carinatus</i>	11	11	73	365000	13.819	Basic PLA2
Disintegrin (DIS): 3.59%								
40	Q6T6T3	<i>Bitis gabonica</i>	1	1	7	3000	13.792	Disintegrin
41	Q6T6T2	<i>Bitis gabonica</i>	1	1	7	3000	13.786	Disintegrin

42	P82465	<i>Echis sochureki</i>	1	1	8	3000	12.578	Disintegrin
43	P0C6A3	<i>Echis multisquamatus</i>	1	1	13	3000	7.469	Disintegrin
44	P81631	<i>Echis carinatus</i>	1	1	13	3000	7.424	Disintegrin
45	Q5EE07	<i>Echis carinatus</i>	1	1	14	3000	7.127	Disintegrin
46	P0C6A8	<i>Macrovipera obtusa</i>	1	1	14	3000	7.108	Disintegrin
47	P0C6A6	<i>Vipera berus</i>	1	1	14	3000	7.009	Disintegrin
48	P0C6R5	<i>Echis multisquamatus</i>	2	2	25	2070	5.74	Disintegrin
49	Q7LZK0	<i>Echis leakeyi</i>	2	2	27	2070	5.441	Disintegrin
50	P0C6R8	<i>Echis leakeyi</i>	2	2	27	2070	5.441	Disintegrin
51	P17347	<i>Echis sochureki</i>	2	2	27	2070	5.424	Disintegrin

S2F. Venom composition of *Bungarus caeruleus*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Snake venom metalloproteinase (SVMP): 5.54%								
1	A8QL49	<i>Bungarus multicinctus</i>	11	7	21	241000	68.99	SVMP
2	A8QL48	<i>Bungarus fasciatus</i>	5	1	10	2040	68.20	SVMP
Acetylcholinesterase (AChE): 11.76%								
3	Q92035	<i>Bungarus fasciatus</i>	19	19	36	516000	68.07	Acetylcholinesterase
5'-nucleotidase: 1.00%								
4	B6EWW8	<i>Gloydus brevicaudus</i>	9	9	19	44100	64.43	5'-nucleotidase
L-amino-acid oxidase (LAAO): 4.86%								
5	A8QL51	<i>Bungarus multicinctus</i>	31	11	47	184000	58.81	L-amino-acid oxidase
6	A8QL52	<i>Bungarus fasciatus</i>	20	1	35	29400	58.76	L-amino-acid oxidase
Hyaluronidase (HYL): 0.71%								
7	A3QVN6	<i>Echis leakeyi</i>	1	1	2	4450	52.69	Hyaluronidase
8	A3QVN3	<i>Cerastes cerastes</i>	1	1	2	4450	52.65	Hyaluronidase
9	A3QVN5	<i>Cerastes cerastes</i>	1	1	2	4450	52.62	Hyaluronidase
10	A3QVN4	<i>Cerastes cerastes</i>	1	1	2	4450	52.62	Hyaluronidase
11	A3QVN2	<i>Echis ocellatus</i>	1	1	2	4450	52.54	Hyaluronidase
12	A3QVN9	<i>Bitis arietans</i>	1	1	2	4450	52.31	Hyaluronidase
13	A3QVP0	<i>Bitis arietans</i>	1	1	2	4450	52.26	Hyaluronidase
Venom nerve growth factor (NGF): 0.53%								
14	P34128	<i>Bungarus multicinctus</i>	3	3	13	23200	27.51	Nerve growth factor

Cysteine-rich secretory protein (CRISP): 0.43%								
15	Q8AVA4	<i>Pseudechis australis</i>	4	1	12	3140	26.48	CRISP
16	Q8JI38	<i>Laticauda semifasciata</i>	3	1	23	2850	26.42	CRISP
17	Q2XXQ1	<i>Leioheterodon madagascariensis</i>	1	1	4	8260	24	CRISP
18	P81993	<i>Bungarus candidus</i>	8	2	55	4760	7.75	CRISP
Vespryn: 1.59%								
19	P83234	<i>Ophiophagus hannah</i>	2	1	16	28600	21.17	Vespryn
20	F8RKW2	<i>Drysdalia coronoides</i>	2	1	14	12500	21.12	Vespryn
21	P82885	<i>Naja kaouthia</i>	2	1	28	28600	12.04	Vespryn
Phospholipase A2 (PLA2): 38.16%								
22	Q9W7J3	<i>Pseudonaja textilis</i>	3	1	17	92000	17.14	Acidic PLA2
23	Q75S48	<i>Bungarus candidus</i>	4	1	24	17300	16.86	Acidic PLA2
24	Q8QFW4	<i>Bungarus caeruleus</i>	12	5	54	186000	16.36	Basic PLA2
25	Q7T2Q5	<i>Bungarus flaviceps</i>	1	1	10	14200	16.17	Acidic PLA2
26	Q8QFW3	<i>Bungarus caeruleus</i>	14	9	60	326000	16.12	Basic PLA2
27	Q8UW08	<i>Hydrophis hardwickii</i>	8	1	18	88700	16.11	Basic PLA2
28	Q8UW30	<i>Hydrophis hardwickii</i>	8	1	18	88700	16.08	Basic PLA2
29	Q802I1	<i>Bungarus candidus</i>	5	4	28	114000	15.64	Acidic PLA2
30	P00606	<i>Bungarus multicinctus</i>	13	1	38	82800	15.59	Acidic PLA2
31	Q6SLM2	<i>Bungarus caeruleus</i>	4	1	11	13200	15.06	Acidic PLA2
32	Q6SLM1	<i>Bungarus caeruleus</i>	11	3	36	536000	14.83	Basic PLA2
33	P00610	<i>Hydrophis schistosus</i>	8	1	23	88700	13.45	Basic PLA2
34	P14615	<i>Bungarus fasciatus</i>	3	2	21	20900	13.43	Neutral PLA2
35	P07037	<i>Aspidelaps scutatus</i>	5	1	16	6280	13.39	Acidic PLA2

Three-finger toxins (3FTx): 32.56%								
36	Q8JFX7	<i>Bungarus multicinctus</i>	1	1	9	5190	11.39	Muscarinic neurotoxin
37	Q9PW19	<i>Bungarus multicinctus</i>	1	1	9	5190	11.33	Cardiotoxin
38	P01384	<i>Notechis scutatus</i>	1	1	11	17700	10.29	Long-chain α -neurotoxin
39	Q9YGH9	<i>Bungarus multicinctus</i>	1	1	16	76600	9.87	Long-chain α -neurotoxin
40	Q9YGJ0	<i>Bungarus multicinctus</i>	1	1	16	76600	9.83	Long-chain γ -neurotoxin
41	O12963	<i>Bungarus multicinctus</i>	1	1	16	76600	9.76	Long-chain α -neurotoxin
42	A2CKF7	<i>Bungarus fasciatus</i>	1	1	10	388000	9.72	Long-chain α -neurotoxin
43	Q6IZ95	<i>Bungarus candidus</i>	1	1	10	388000	9.72	Long-chain α -neurotoxin
44	Q8AY56	<i>Bungarus candidus</i>	8	2	56	263000	9.58	Long-chain κ -neurotoxin
45	P01398	<i>Bungarus multicinctus</i>	7	2	56	2700	9.57	Long chain κ -neurotoxin
46	Q9YGI8	<i>Bungarus multicinctus</i>	4	4	35	82200	9.52	Short-chain α -neurotoxin
47	P15816	<i>Bungarus multicinctus</i>	4	1	48	11000	9.52	Long-chain κ -neurotoxin
48	D2N116	<i>Bungarus caeruleus</i>	1	1	17	6940	8.31	Long-chain α -neurotoxin
49	P01385	<i>Acanthophis antarcticus</i>	1	1	14	17700	8.14	Long-chain α -neurotoxin
50	P01383	<i>Naja melanoleuca</i>	1	1	14	11800	8.06	Long-chain α -neurotoxin

Kunitz-type serine protease inhibitor (Kunitz): 2.87%

51	Q8AY43	<i>Bungarus candidus</i>	1	1	17	62900	9.08	Kunitz
52	Q8AY42	<i>Bungarus candidus</i>	1	1	17	62900	8.92	Kunitz

S2G. Venom composition of *B. sindanus*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Snake venom metalloproteinase (SVMP): 1.91%								
1	A8QL49	<i>Bungarus multicinctus</i>	14	14	30	275000	68.988	SVMP
Acetylcholinesterase (AChE): 19.42%								
2	Q92035	<i>Bungarus fasciatus</i>	44	44	55	2790000	68.074	Acetylcholinesterase
5'-nucleotidase: 0.16%								
3	B6EWW8	<i>Gloydus brevicaudus</i>	6	6	12	23100	64.434	5'-nucleotidase
Phospholipase B (PLB): 0.16%								
4	F8J2D3	<i>Drysdalia coronoides</i>	5	5	15	22400	64.103	Phospholipase B
L-amino-acid oxidase (LAAO): 0.53%								
5	A8QL52	<i>Bungarus fasciatus</i>	16	3	38	35800	58.764	L-amino acid oxidase
6	P0DI84	<i>Vipera ammodytes</i>	1	1	5	41000	54.748	L-amino acid oxidase
Snake venom serine protease (SVSP): 3.62%								
7	A8QL57	<i>Bungarus multicinctus</i>	4	4	13	15700	31.01	SVSP
8	P81782	<i>Bungarus candidus</i>	4	4	33	505000	7.285	SVSP

Venom nerve growth factor (NGF): 0.74%								
9	P34128	<i>Bungarus multicinctus</i>	3	3	13	106000	27.514	NGF
Cysteine-rich secretory proteins (CRISP): 6.23%								
10	Q8JI38	<i>Laticauda semifasciata</i>	13	5	35	84000	26.416	CRISP
11	P84808	<i>Naja kaouthia</i>	16	2	34	32000	26.216	CRISP
12	P81993	<i>Bungarus candidus</i>	10	2	42	219000	7.752	CRISP
Vespryn: 3.07%								
13	P83234	<i>Ophiophagus hannah</i>	4	3	16	159000	21.174	Vespryn
14	F8RKW2	<i>Drysdalia coronoides</i>	4	3	20	123000	21.119	Vespryn
15	P82885	<i>Naja kaouthia</i>	4	3	28	159000	12.038	Vespryn
C-type lectin (CTL): 0.16%								
16	Q90WI6	<i>Bungarus multicinctus</i>	4	4	35	23400	18.706	C-type lectin
Phospholipase A2 (PLA2): 24.37%								
17	Q75S48	<i>Bungarus candidus</i>	6	3	58	127000	16.855	Acidic PLA2
18	G9I930	<i>Micrurus tener</i>	1	1	6	7750	16.793	Basic PLA2
19	P00616	<i>Oxyuranus scutellatus</i>	1	1	8	29900	16.558	Acidic PLA2
20	Q8QFW3	<i>Bungarus caeruleus</i>	7	4	20	39300	16.12	Basic PLA2
21	P0C551	<i>Bungarus fasciatus</i>	8	4	44	41600	15.817	Acidic PLA2
22	Q802I1	<i>Bungarus candidus</i>	11	7	35	438000	15.641	Acidic PLA2

23	P00606	<i>Bungarus multicinctus</i>	4	1	37	34200	15.593	Acidic PLA2
24	Q8AY48	<i>Bungarus candidus</i>	11	5	31	1650000	15.257	Basic PLA2
25	Q90251	<i>Bungarus multicinctus</i>	11	4	45	393000	15.103	Acidic PLA2
26	Q6SLM1	<i>Bungarus caeruleus</i>	7	5	23	56000	14.827	Basic PLA2
27	P60043	<i>Naja sagittifera</i>	1	1	10	29900	14.003	Basic PLA2
28	P14615	<i>Bungarus fasciatus</i>	4	3	29	140000	13.425	Neutral PLA2
29	P20253	<i>Pseudechis australis</i>	2	1	25	454000	13.298	Basic PLA2
30	P00612	<i>Laticauda semifasciata</i>	2	1	19	37700	13.243	Basic PLA2
31	P20252	<i>Pseudechis australis</i>	3	2	19	10500	13.125	Basic PLA2
32	P29601	<i>Bungarus fasciatus</i>	2	2	12	11300	13.103	Acidic PLA2
Three-finer toxins (3FTx): 33.70%								
33	Q8JFX7	<i>Bungarus multicinctus</i>	2	2	17	105000	11.39	Muscarinic neurotoxin
34	Q9PW19	<i>Bungarus multicinctus</i>	2	2	17	105000	11.334	Cardiotoxin
35	Q9W7J5	<i>Pseudonaja textilis</i>	2	2	11	35500	11.269	Long-chain α -neurotoxin
36	A8HDK7	<i>Oxyuranus microlepidotus</i>	2	2	12	35500	10.308	Long-chain α -neurotoxin
37	A8HDK8	<i>Oxyuranus microlepidotus</i>	2	2	12	35500	10.267	Long-chain α -neurotoxin

38	C5ILC5	<i>Ophiophagus hannah</i>	1	1	11	29500	10.26	Long-chain α -neurotoxin
39	A7X4Q3	<i>Oxyuranus microlepidotus</i>	2	2	12	35500	10.237	Long-chain α -neurotoxin
40	A7X4R0	<i>Oxyuranus microlepidotus</i>	2	2	12	35500	10.198	Long-chain α -neurotoxin
41	A8HDK9	<i>Oxyuranus microlepidotus</i>	2	2	12	35500	10.183	Long-chain α -neurotoxin
42	F8J2E2	<i>Drysdalia coronoides</i>	1	1	11	29500	9.948	Long-chain α -neurotoxin
43	A6MFK5	<i>Demansia vestigiata</i>	2	2	12	35500	9.758	Long-chain α -neurotoxin
44	Q8AY49	<i>Bungarus candidus</i>	4	4	13	305000	9.758	Long-chain α -neurotoxin
45	A2CKF6	<i>Bungarus fasciatus</i>	2	2	15	78500	9.722	Long-chain α -neurotoxin
46	Q8AY51	<i>Bungarus candidus</i>	4	4	13	305000	9.713	Long-chain α -neurotoxin
47	A6MFK4	<i>Demansia vestigiata</i>	2	2	12	35500	9.705	Long-chain α -neurotoxin
48	Q9W729	<i>Bungarus multicinctus</i>	2	2	28	55200	9.657	Long-chain κ -neurotoxin
49	Q8AY56	<i>Bungarus candidus</i>	17	9	57	1980000	9.58	Long-chain κ -neurotoxin
50	Q9YGI8	<i>Bungarus multicinctus</i>	5	5	36	1320000	9.519	Short-chain α -neurotoxin
51	O12962	<i>Bungarus multicinctus</i>	5	1	38	38300	9.474	Long-chain κ -neurotoxin
52	A1IVR9	<i>Bungarus candidus</i>	1	1	13	29500	8.418	Long-chain α -neurotoxin

53	A1IVR7	<i>Bungarus candidus</i>	1	1	13	29500	8.35	Long-chain α -neurotoxin
54	A1IVR8	<i>Bungarus candidus</i>	1	1	13	29500	8.306	Long-chain α -neurotoxin
55	P01396	<i>Dendroaspis polylepis</i>	1	1	14	29500	8.043	Long-chain α -neurotoxin
56	C0HJD7	<i>Dendroaspis polylepis</i>	1	1	14	29500	8.002	Long-chain α -neurotoxin
57	P01397	<i>Dendroaspis polylepis</i>	1	1	14	29500	7.948	Long-chain α -neurotoxin
58	P25667	<i>Dendroaspis polylepis</i>	1	1	14	29500	7.939	Long-chain α -neurotoxin
Kunitz-type serine protease inhibitor (Kunitz): 5.91%								
59	B4ESA4	<i>Bungarus multicinctus</i>	2	1	20	236000	9.227	Kunitz
60	B4ESA3	<i>Bungarus multicinctus</i>	2	1	23	2770	9.158	Kunitz
61	Q8AY41	<i>Bungarus candidus</i>	2	1	23	2770	9.13	Kunitz
62	Q8AY43	<i>Bungarus candidus</i>	3	2	17	304000	9.077	Kunitz
63	Q8AY42	<i>Bungarus candidus</i>	3	2	17	304000	8.919	Kunitz

S2H. Venom composition of *B. fasciatus*

Sr.no.	Accession	Species	#Peptides	#Unique	Coverage (%)	Area	Avg. mass (KDa)	Toxin type
Snake venom metalloproteinase (SVMP): 1.01%								
1	A8QL49	<i>Bungarus multicinctus</i>	22	5	20	28600	68.99	SVMP
2	D5LMJ3	<i>Naja atra</i>	2	1	5	1290	68.25	SVMP
3	A8QL48	<i>Bungarus fasciatus</i>	26	9	33	102000	68.20	SVMP
4	Q10749	<i>Naja mossambica</i>	2	2	4	8820	68.18	SVMP
Acetylcholinesterase (AChE): 2.14%								
5	Q92035	<i>Bungarus fasciatus</i>	20	20	53	297000	68.07	Acetylcholinesterase
5'-nucleotidase: 0.62%								
6	B6EWW8	<i>Gloydius brevicaudus</i>	13	13	16	85500	64.43	5'-nucleotidase
Phospholipase B (PLB): 0.08%								
7	F8J2D3	<i>Drysdalia coronoides</i>	4	4	10	10700	64.10	Phospholipase B
L-amino-acid oxidase (LAAO): 0.13%								
8	A8QL52	<i>Bungarus fasciatus</i>	4	4	9	18700	58.76	L-amino-acid oxidase
Venom nerve growth factor (NGF): 0.30%								
9	P34128	<i>Bungarus multicinctus</i>	4	4	16	42200	27.51	Nerve growth factor
Snake venom serine protease (SVSP): 0.07%								
10	P00761	<i>Sus scrofa</i>	2	2	13	10200	24.41	Trypsin

C-type lectins (CTL): 0.28%								
11	Q90WI7	<i>Bungarus fasciatus</i>	8	8	57	39300	18.25	C-type lectin
Phospholipase A2 (PLA2): 74.39%								
12	Q75S48	<i>Bungarus candidus</i>	3	1	13	4270	16.86	Acidic PLA2
13	P00619	<i>Bungarus multicinctus</i>	1	1	15	671	16.22	Acidic PLA2
14	Q9DF33	<i>Ophiophagus hannah</i>	5	2	26	118000	15.90	Acidic PLA2
15	Q7T2Q4	<i>Bungarus flaviceps</i>	4	1	15	12600	15.88	Acidic PLA2
16	P30811	<i>Pseudonaja textilis</i>	1	1	13	27700	15.86	Acidic PLA2
17	P0C551	<i>Bungarus fasciatus</i>	14	11	75	412000	15.82	Acidic PLA2
18	Q90WA8	<i>Bungarus fasciatus</i>	78	14	79	1100000	15.77	Basic PLA2
19	Q7T3S7	<i>Echis carinatus</i>	1	1	14	30400	15.52	Acidic PLA2
20	Q6YNQ0	<i>Bungarus candidus</i>	1	1	16	671	15.09	Acidic PLA2
21	P14411	<i>Bungarus fasciatus</i>	25	18	72	1040000	14.84	Basic PLA2
22	P00629	<i>Bungarus fasciatus</i>	68	3	87	106000	14.75	Basic PLA2
23	P00628	<i>Bungarus fasciatus</i>	65	4	84	1970000	14.74	Basic PLA2
24	P00627	<i>Bungarus fasciatus</i>	77	12	84	4150000	14.70	Basic PLA2
25	P14615	<i>Bungarus fasciatus</i>	17	10	84	285000	13.43	Neutral PLA2
26	P00612	<i>Laticauda semifasciata</i>	3	1	19	6030	13.24	Basic PLA2
27	P20258	<i>Pseudechis porphyriacus</i>	3	1	20	11600	13.11	Basic PLA2

28	P29601	<i>Bungarus fasciatus</i>	20	16	74	1060000	13.10	Acidic PLA2
Three-finger toxins (3FTx): 17.30%								
29	Q2VBN2	<i>Ophiophagus hannah</i>	3	1	13	2290	9.82	Long-chain α -neurotoxin
30	A2CKF7	<i>Bungarus fasciatus</i>	11	10	48	700000	9.72	Long-chain α -neurotoxin
31	Q6IZ95	<i>Bungarus candidus</i>	11	10	48	700000	9.72	Long-chain α -neurotoxin
32	A2CKF6	<i>Bungarus fasciatus</i>	8	6	36	332000	9.72	Long-chain α -neurotoxin
33	P0C554	<i>Bungarus fasciatus</i>	5	5	23	178000	9.69	Short-chain α -neurotoxin
34	Q70WS8	<i>Bungarus multicinctus</i>	2	2	12	299	9.54	Long-chain α -neurotoxin
35	Q9YGI8	<i>Bungarus multicinctus</i>	3	3	12	188000	9.52	Short-chain α -neurotoxin
36	P0C552	<i>Bungarus fasciatus</i>	6	6	44	303000	8.70	Short-chain α -neurotoxin
Kunitz-type serine protease inhibitor: 3.68%								
37	B2KTG1	<i>Bungarus fasciatus</i>	10	10	48	511000	9.32	Kunitz