

Annex 2 – Proteins identified by Proteome Discovery in the venom from *Vipera kaznakovi*

Accession	Description	Family
CBJ34330.1	Aminopeptidase A [Bitis rhinoceros]	Aminopeptidase
ATU85538.1	Aminopeptidase A, partial [Bothrops moojeni]	Aminopeptidase
SMD28300.1	Aminopeptidase N cdtapn1 [Crotalus durissus terrificus]	Aminopeptidase
XP_026565037.1	Aminopeptidase N isoform X2 [Pseudonaja textilis]	Aminopeptidase
XP_015682445.1	Glutamyl aminopeptidase [Protobothrops mucrosquamatus]	Aminopeptidase
XP_013911753.1	PREDICTED: endoplasmic reticulum aminopeptidase 1 [Thamnophis sirtalis]	Aminopeptidase
JAG65874.1	Xaa-Pro aminopeptidase 2 [Boiga irregularis]	Aminopeptidase
XP_026530513.1	Xaa-Pro aminopeptidase 2 [Notechis scutatus]	Aminopeptidase
XP_015676063.1	Xaa-Pro aminopeptidase 2 [Protobothrops mucrosquamatus]	Aminopeptidase
XP_039186984.1	Xaa-Pro aminopeptidase 2 isoform X1 [Crotalus tigris]	Aminopeptidase
XP_026580740.1	Xaa-Pro aminopeptidase 2-like [Pseudonaja textilis]	Aminopeptidase
6IMF	A Chain A, Cysteine-rich venom protein triffin	CRISP
AAZ75595.1	CRISP-DIS1 [Dispholidus typus]	CRISP
ACE73576.1	Cysteine-rich secretory protein Da-crpb, partial [Deinagkistrodon acutus]	CRISP
ACE73567.1	Cysteine-rich secretory protein Dr-CRPK [Daboia russelii]	CRISP
ACE73571.1	Cysteine-rich secretory protein Pg-CRP [Cerrophidion godmani]	CRISP
QHR82745.1	Cysteine-rich secretory protein 1, partial [Vipera anatolica senliki]	CRISP
JAC94992.1	Cysteine-rich secretory protein A [Opheodrys aestivus]	CRISP
P85099.1	Cysteine-rich venom protein	CRISP
AAP20602.1	Cysteine-rich venom protein [Protobothrops jerdonii]	CRISP
CAP74089.1	Cysteine-rich venom protein precursor [Vipera berus]	CRISP
CAP74088.1	Cysteine-rich venom protein precursor, partial [Vipera berus nikolskii]	CRISP
KAG8124478.1	Putative Cysteine-rich venom protein [Naja naja]	CRISP
ABC18317.1	Disintegrin [Macrovipera lebetina]	DIS
CAJ34937.1	Disintegrin CV11 alpha precursor [Cerastes vipera]	DIS
P83254.1	Disintegrin lebein-1-beta	DIS
P0C6A8.1	Disintegrin VLO4	DIS
ABC00778.1	Lebein alpha [Macrovipera lebetina]	DIS
3KVE	B Chain B, L-amino acid oxidase	LAAO
JAS04522.1	L-amino acid oxidase [Agkistrodon piscivorus conanti]	LAAO
AFP89360.1	L-amino acid oxidase [Lachesis muta]	LAAO
JAC96580.1	L-amino acid oxidase B variant 1 [Echis coloratus]	LAAO
QBF53419.1	L-amino acid oxidase LAAO-II [Vipera ammodytes ammodytes]	LAAO
CAQ72894.1	L-amino oxidase [Echis ocellatus]	LAAO
P0C2D7.1	L-amino-acid oxidase	LAAO
Q4F867.2	L-amino-acid oxidase	LAAO
XP_039216947.1	L-amino-acid oxidase isoform X1 [Crotalus tigris]	LAAO
JAA74732.1	LAO-Den-1 [Denisonia devisi]	LAAO
JAA74832.1	LAO-Hem-2, partial [Hemiaspis signata]	LAAO
QHR82782.1	Nerve growth factor 1 [Vipera anatolica senliki]	NGF
AAZ75635.1	NGF-AZE1, partial [Azemiops feae]	NGF
ABA60128.1	Venom nerve growth factor precursor [Hoplocephalus stephensii]	NGF
QHR82711.1	5' nucleotidase 1, partial [Vipera anatolica senliki]	Nucleotidase
AHJ80886.1	5'-nucleotidase, partial [Macrovipera lebetina]	Nucleotidase
BAN89427.1	5'-nucleotidase, partial [Ovophis okinavensis]	Nucleotidase

XP_032071557.1	LOW QUALITY PROTEIN: 5'-nucleotidase [Thamnophis elegans]	Nucleotidase
P0DJJ5.1	Snake venom 5'-nucleotidase	Nucleotidase
-	1708179D phospholipase A2 III	PLA
ABX82863.1	Acidic phospholipase A2 I precursor, partial [Walterinnesia aegyptia]	PLA
CAE47141.1	Ammodytin I1(A) variant [Vipera aspis aspis]	PLA
CAE47172.1	Ammodytin I1(C) variant [Vipera aspis atra]	PLA
CAE47179.1	Ammodytin I1(D) isoform [Vipera ammodytes meridionalis]	PLA
CAE47230.1	Ammodytin I2(B) variant [Vipera aspis atra]	PLA
CAE47222.1	Ammodytin I2(D) isoform [Vipera ursinii]	PLA
1AOK	B chain b, vipoxin complex	PLA
XP_015667444.1	Group 10 secretory phospholipase A2 [Protobothrops mucrosquamatus]	PLA
CAM92310.1	Heterodimeric phospholipase A2 acidic subunit precursor [Vipera berus nikolskii]	PLA
AAK49823.1	Phospholipase A2 [Echis coloratus]	PLA
ADG86231.1	Phospholipase A2 [Vipera ursinii]	PLA
AJC52514.1	Phospholipase A2 precursor [Ovophis okinavensis]	PLA
AAB20147.1	Phospholipase A2-2, PLA-2 [Eristocophis macmahoni=leaf-nosed viper, Peptide, 121 aa]	PLA
AAF03251.1	Phospholipase PLA2 precursor [Calloselasma rhodostoma]	PLA
C3W4R6.1	Acidic phospholipase A2 1	PLA
P21789.1	Acidic phospholipase A2 Cc1-PLA2	PLA
Q7T3T5.1	Acidic phospholipase A2 daboia toxin B chain	PLA
Q9PVE9.1	Acidic phospholipase A2 S1E6-c	PLA
F8QN51.1	Acidic phospholipase A2 Vur-PL3	PLA
B3A0N3.1	Basic phospholipase A2 Bmaj-9	PLA
P86524.1	Phospholipase A2 homolog P-elapitoxin-Aa1a beta chain	PLA
BAN82155.1	Phospholipase b [Ovophis okinavensis]	PLB
QBF53421.1	Phospholipase B [Vipera ammodytes ammodytes]	PLB
ETE59578.1	Phospholipase B-like 1, partial [Ophiophagus hannah]	PLB
JAS05323.1	C-type lectin 8f [Sistrurus tergeminus]	SNACLEC
BAP39929.1	C-type lectin B subunit, partial [Protobothrops elegans]	SNACLEC
JAC96618.1	C-type lectin I [Echis coloratus]	SNACLEC
AMB36338.1	C-type lectin snaclec-1 [Vipera ammodytes ammodytes]	SNACLEC
ABW82660.1	C-type lectin, partial [Macrovipera lebetina]	SNACLEC
AJO70723.1	C-type lectin-like protein 3B [Macrovipera lebetina]	SNACLEC
AJO70725.1	C-type lectin-like protein 4B [Macrovipera lebetina]	SNACLEC
QBF53411.1	C-type lectin-like Snaclec-9 [Vipera ammodytes ammodytes]	SNACLEC
Q6T7B7.1	C-type lectin 1	SNACLEC
B4XSY9.1	Snaclec A14	SNACLEC
C0HKZ6.1	Snaclec macrovipectin subunit alpha	SNACLEC
APB93442.1	Snaclec-5 [Vipera ammodytes ammodytes]	SNACLEC
APB93444.1	Snaclec-7 [Vipera ammodytes ammodytes]	SNACLEC
JAV48408.1	Cadam10_SVMPIII-6 [Crotalus adamanteus]	svMP
AMB36336.1	Endogenous tripeptide metalloproteinase inhibitor precursor [Vipera ammodytes ammodytes]	svMP
AMB36335.1	Endogenous tripeptide metalloproteinase inhibitor precursor [Vipera ammodytes ammodytes]	svMP
ADW54340.1	Group III snake venom metalloproteinase [Echis ocellatus]	svMP
ADW54345.1	Group III snake venom metalloproteinase [Echis ocellatus]	svMP
CAJ01682.1	Group III snake venom metalloproteinase [Echis ocellatus]	svMP
CAJ01683.1	Group III snake venom metalloproteinase [Echis ocellatus]	svMP
CAJ01689.1	Group III snake venom metalloproteinase [Echis ocellatus]	svMP
CAJ01688.1	Group III snake venom metalloproteinase, partial [Echis ocellatus]	svMP
AGL45259.1	H3 metalloproteinase precursor 1 [Vipera ammodytes ammodytes]	svMP

CAA66471.1	Lebetase Le3 [<i>Macrovipera lebetina</i>]	svMP
QIV64940.1	MDC-5a [<i>Crotalus atrox</i>]	svMP
QIV64919.1	MDC-6c [<i>Crotalus scutulatus</i>]	svMP
QIV64921.1	MDC-6d [<i>Crotalus scutulatus</i>]	svMP
CAA55566.1	Metalloprotease, partial [<i>Echis pyramidum leakeyi</i>]	svMP
JAC96426.1	Metalloproteinase (type III) 7b [<i>Hypsiglena</i> sp. JMG-2014]	svMP
ADI47653.1	Metalloproteinase [<i>Echis coloratus</i>]	svMP
ADI47630.1	Metalloproteinase [<i>Echis coloratus</i>]	svMP
ADI47617.1	Metalloproteinase [<i>Echis coloratus</i>]	svMP
ADI47637.1	Metalloproteinase [<i>Echis coloratus</i>]	svMP
ADI47732.1	Metalloproteinase [<i>Echis pyramidum leakeyi</i>]	svMP
ADI47668.1	Metalloproteinase [<i>Echis pyramidum leakeyi</i>]	svMP
AXL96626.1	Metalloproteinase 7, partial [<i>Ahaetulla prasina</i>]	svMP
QIS79138.1	Metalloproteinase disintegrin and cysteine-rich protein 6 [<i>Crotalus horridus</i>]	svMP
AHB62069.1	Metalloproteinase H4-A [<i>Vipera ammodytes ammodytes</i>]	svMP
AAX86634.1	Metalloproteinase MP-2, partial [<i>Bitis arietans</i>]	svMP
AMB36349.1	Metalloproteinase of class P-II MP11-1 [<i>Vipera ammodytes ammodytes</i>]	svMP
AMB36351.1	Metalloproteinase of class P-II MP11-3 [<i>Vipera ammodytes ammodytes</i>]	svMP
AMB36352.1	Metalloproteinase of class P-III MP111-1 [<i>Vipera ammodytes ammodytes</i>]	svMP
QBF53415.1	Metalloproteinase of class P-III MP111-2 [<i>Vipera ammodytes ammodytes</i>]	svMP
QBF53417.1	Metalloproteinase of class P-III MP111-4 [<i>Vipera ammodytes ammodytes</i>]	svMP
JAS04471.1	Metalloproteinase type I 7 [<i>Agkistrodon piscivorus conanti</i>]	svMP
JAS05424.1	Metalloproteinase type III 11 [<i>Sistrurus miliarius barbouri</i>]	svMP
JAS04457.1	Metalloproteinase type III 12b [<i>Agkistrodon piscivorus conanti</i>]	svMP
ADI47595.1	Metalloproteinase, partial [<i>Echis carinatus sochureki</i>]	svMP
ADI47675.1	Metalloproteinase, partial [<i>Echis pyramidum leakeyi</i>]	svMP
ADI47666.1	Metalloproteinase, partial [<i>Echis pyramidum leakeyi</i>]	svMP
ADI47674.1	Metalloproteinase, partial [<i>Echis pyramidum leakeyi</i>]	svMP
ADI47665.1	Metalloproteinase, partial [<i>Echis pyramidum leakeyi</i>]	svMP
QBF53416.1	Metalloproteinase-like protein of class P-III MP111-3 [<i>Vipera ammodytes ammodytes</i>]	svMP
AGY49227.1	P11 metalloproteinase [<i>Bothriechis lateralis</i>]	svMP
Q7T046.1	Coagulation factor X-activating enzyme heavy chain	svMP
Q6T271.1	Zinc metalloproteinase/disintegrin	svMP
J3SDW8.1	Zinc metalloproteinase-disintegrin-like 8	svMP
P0DJE2.3	Zinc metalloproteinase-disintegrin-like ammodytagin	svMP
Q0NZY0.1	Zinc metalloproteinase-disintegrin-like bothrojarin-1	svMP
Q0NZX9.1	Zinc metalloproteinase-disintegrin-like bothrojarin-2	svMP
B8K1W0.1	Zinc metalloproteinase-disintegrin-like daborhagin-K	svMP
P20164.4	Zinc metalloproteinase-disintegrin-like HR1b	svMP
KAG5858176.1	Snake venom metalloprotease [<i>Bothrops jararaca</i>]	svMP
QSI84041.1	Snake venom metalloprotease [<i>Calliophis bivirgatus</i>]	svMP
QSI84040.1	Snake venom metalloprotease [<i>Calliophis bivirgatus</i>]	svMP
QHR82833.1	Snake venom metalloprotease 2, partial [<i>Vipera anatolica senliki</i>]	svMP
KAG5858153.1	Snake venom metalloprotease precursor [<i>Bothrops jararaca</i>]	svMP
KAG5858172.1	Snake venom metalloprotease precursor [<i>Bothrops jararaca</i>]	svMP
JAA94872.1	Snake venom metalloproteinase (type III) 1 [<i>Crotalus horridus</i>]	svMP
AFJ49244.1	Snake venom metalloproteinase (type III) 6 [<i>Crotalus adamanteus</i>]	svMP
AXL96570.1	Snake venom metalloproteinase 20, partial [<i>Borikenophis portoricensis</i>]	svMP
JAC96598.1	Snake venom metalloproteinase M, partial [<i>Echis coloratus</i>]	svMP
ANT80539.1	Venom metalloprotease P111-SVMP EOC00089 [<i>Echis ocellatus</i>]	svMP

BCP45690.1	Zinc metalloproteinase [Montivipera raddei]	svMP
XP_007430581.1	Ectonucleotide pyrophosphatase/phosphodiesterase family member 3, partial [Python bivittatus]	svPDE
JAA94885.1	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6-like protein [Crotalus horridus]	svPDE
JAS05450.1	Phosphodiesterase [Sistrurus miliarius barbouri]	svPDE
KAG8137198.1	Putative Sphingomyelin phosphodiesterase-like protein [Naja naja]	svPDE
P0DQQ4.1	Venom phosphodiesterase cdcpe	svPDE
W8E7D1.1	Venom phosphodiesterase	svPDE
1OP0	A Chain A, Venom serine proteinase	svSP
JAG45243.1	Putative serine carboxypeptidase CPVL-like protein [Crotalus horridus]	svSP
Q6T5L0.2	Alpha-fibrinogenase shedaoenase	svSP
Q9PT41.1	Factor V activator	svSP
P0DKL8.1	Kunitz-type serine protease inhibitor Vur-Kin	svSP
E5AJX2.1	Snake venom serine protease nikobin	svSP
P0DPS3.1	Snake venom serine protease vasp1	svSP
C0HK18.1	Thrombin-like enzyme collinein-4	svSP
C0HLA2.1	Thrombin-like enzyme lmrsp-3	svSP
P86530.1	Vipera russelli proteinase RVV-V homolog 1	svSP
AUS82476.1	Serine endopeptidase [Agkistrodon piscivorus]	svSP
AUS82483.1	Serine endopeptidase [Crotalus atrox]	svSP
AUS82512.1	Serine endopeptidase [Crotalus lepidus]	svSP
AUS82539.1	Serine endopeptidase [Crotalus scutulatus]	svSP
ART88740.1	Serine protease [Azemiops feae]	svSP
AAR24534.1	Serine protease 1 [Bitis gabonica]	svSP
ASX97875.1	Serine protease 1 [Gloydus intermedius]	svSP
QHR82809.1	Serine protease 2 [Vipera anatolica senliki]	svSP
QHR82810.1	Serine protease 6 [Vipera anatolica senliki]	svSP
QHR82823.1	Serine protease inhibitor 2 [Vipera anatolica senliki]	svSP
QHR82827.1	Serine protease inhibitor 3 [Vipera anatolica senliki]	svSP
QHR82828.1	Serine protease inhibitor 5 [Vipera anatolica senliki]	svSP
ADI47568.1	Serine protease, partial [Echis coloratus]	svSP
ADI47567.1	Serine protease, partial [Echis coloratus]	svSP
ADE45141.1	Serine protease, partial [Echis ocellatus]	svSP
ADI47548.1	Serine protease, partial [Echis pyramidum leakeyi]	svSP
BAN82034.1	Serine protease, partial [Protobothrops flavoviridis]	svSP
JAS04414.1	Serine proteinase 1 [Agkistrodon piscivorus conanti]	svSP
AAT40141.1	Serine proteinase bthatl precursor, partial [Bothrops alternatus]	svSP
ABG26973.1	Serine proteinase isoform 7 [Sistrurus catenatus edwardsi]	svSP
AMB36344.1	Serine proteinase SP-3 [Vipera ammodytes ammodytes]	svSP
AMB36345.1	Serine proteinase SP-4 [Vipera ammodytes ammodytes]	svSP
AMB36346.1	Serine proteinase SP-5, partial [Vipera ammodytes ammodytes]	svSP
QBF53414.1	Serine proteinase SP-8 [Vipera ammodytes ammodytes]	svSP
XP_015671564.1	Snake venom serine protease serpentokallikrein-1 [Protobothrops mucrosquamatus]	svSP
P83942.1	Snake venom vascular endothelial growth factor toxin HF	VEGF
P82475.2	Snake venom vascular endothelial growth factor toxin ICPP	VEGF
JAC96562.1	Vascular endothelial growth factor F [Echis coloratus]	VEGF
AXL96619.1	Vascular endothelial growth factor, partial [Ahaetulla prasina]	VEGF
XP_032066820.1	5'-AMP-activated protein kinase subunit gamma-1 [Thamnophis elegans]	-
AFJ50239.1	78 kda glucose-regulated protein precursor [Crotalus adamanteus]	-
XP_032080114.1	Acid ceramidase [Thamnophis elegans]	-
C0HKZ8.2	Actiflagelin	-

BAC57972.1	Alpha globin [Hydrophis melanocephalus]	-
BAC57970.1	Alpha globin [Naja kaouthia]	-
XP_039221830.1	Alpha-1-antitrypsin-like [Crotalus tigris]	-
XP_032065711.1	Alpha-1-macroglobulin-like [Thamnophis elegans]	-
XP_029141491.1	Alpha-1-macroglobulin-like, partial [Protobothrops mucrosquamatus]	-
XP_034280769.1	Alpha-2-macroglobulin-like [Pantherophis guttatus]	-
XP_032065554.1	Alpha-2-macroglobulin-like isoform X1 [Thamnophis elegans]	-
XP_034279980.1	Alpha-galactosidase A [Pantherophis guttatus]	-
XP_025026505.1	Alpha-galactosidase A [Python bivittatus]	-
AFJ51610.1	Alpha-tectorin-like [Crotalus adamanteus]	-
JAB54691.1	Annexin A1 [Micrurus fulvius]	-
Q5KQS2.1	Antihemorrhagic factor chlp-B	-
BAD88539.1	Antihemorrhagic factor precursor [Gloydius blomhoffii]	-
JAV01854.1	BATXSVMPIII10 [Bothrops atrox]	-
JAV01816.1	BATXSVP20 [Bothrops atrox]	-
XP_007426342.1	Beta-galactosidase [Python bivittatus]	-
ETE67135.1	Beta-hexosaminidase subunit alpha, partial [Ophiophagus hannah]	-
XP_026528491.1	Beta-mannosidase isoform X1 [Natechis scutatus]	-
JAB54560.1	Calreticulin [Micrurus fulvius]	-
XP_026578833.1	Carboxypeptidase D [Pseudonaja textilis]	-
JAC96022.1	Cathepsin B-like protein [Hypsiglena sp. JMG-2014]	-
JAC96615.1	Cathepsin D [Echis coloratus]	-
QHR82716.1	Cholinesterase 2 [Vipera anatolica senliki]	-
XP_032064794.1	Cholinesterase-like [Thamnophis elegans]	-
XP_015678945.1	C-reactive protein-like [Protobothrops mucrosquamatus]	-
XP_029139438.1	Deoxyribonuclease-2-alpha [Protobothrops mucrosquamatus]	-
XP_039190203.1	Digestive cysteine proteinase 2-like [Crotalus tigris]	-
XP_015671453.1	Digestive cysteine proteinase 2-like [Protobothrops mucrosquamatus]	-
XP_015668908.1	Di-N-acetylchitobiase [Protobothrops mucrosquamatus]	-
XP_029141386.1	Dipeptidyl peptidase 1 [Protobothrops mucrosquamatus]	-
XP_039200965.1	Dipeptidyl peptidase 2 [Crotalus tigris]	-
XP_026563332.1	DNA repair protein REV1 isoform X1 [Pseudonaja textilis]	-
JAV50725.1	Dnaj subfamily C member 3-like protein [Agkistrodon contortrix contortrix]	-
XP_026567236.1	E3 ubiquitin-protein ligase HUWE1 isoform X1 [Pseudonaja textilis]	-
XP_034260517.1	EGF-containing fibulin-like extracellular matrix protein 2 [Pantherophis guttatus]	-
JAC96588.1	Epididymal secretory protein type E1 [Echis coloratus]	-
XP_039219335.1	Extracellular matrix protein 1 [Crotalus tigris]	-
JAG67997.1	F11 receptor [Boiga irregularis]	-
AAT91068.1	Factor X activator light chain 2 [Macrovipera lebetina]	-
XP_039197844.1	Fibronectin isoform X1 [Crotalus tigris]	-
XP_025030542.1	Gamma-glutamyl hydrolase isoform X1 [Python bivittatus]	-
XP_015680178.1	Gelsolin isoform X1 [Protobothrops mucrosquamatus]	-
JAV49839.1	Glia-derived nexin-like protein [Agkistrodon contortrix contortrix]	-
BAN89449.1	Glutaminy cyclase, partial [Ovophis okinavensis]	-
QHR82764.1	Glutaminy-peptide cyclotransferase 2, partial [Vipera anatolica senliki]	-
AFE84762.1	Glutaminy-peptide cyclotransferases [Daboia russelii]	-
XP_015679695.1	Glutathione peroxidase 3 [Protobothrops mucrosquamatus]	-
XP_026541079.1	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific [Natechis scutatus]	-
XP_026570202.1	Golgi apparatus protein 1 [Pseudonaja textilis]	-
XP_007430779.1	Heat shock 70 kda protein 13 [Python bivittatus]	-

P0DJG8.1	Helicopsin	-
P02010.1	Hemoglobin subunit alpha	-
JAG46662.1	Hemoglobin subunit alpha [Crotalus horridus]	-
AFJ50283.1	Hemoglobin subunit alpha 1 [Crotalus adamanteus]	-
XP_026548868.1	Hemoglobin subunit beta-1 [Notechis scutatus]	-
XP_015682712.1	Hemoglobin subunit beta-1-like [Protobothrops mucrosquamatus]	-
P22743.1	Hemoglobin subunit beta-2	-
XP_039204087.1	Hemopexin isoform X1 [Crotalus tigris]	-
XP_032077503.1	Histidine ammonia-lyase [Thamnophis elegans]	-
ABI33937.1	Hyaluronidase [Echis ocellatus]	-
A3QVN3.1	Hyaluronidase-1	-
LAA60716.1	Hypothetical protein [Micrurus corallinus]	-
LAB48537.1	Hypothetical protein [Micrurus surinamensis]	-
KAG8135884.1	Hypothetical protein E2320_008871 [Naja naja]	-
KAG8145340.1	Hypothetical protein E2320_011892 [Naja naja]	-
KAG8129215.1	Hypothetical protein E2320_015890 [Naja naja]	-
KAG8130021.1	Hypothetical protein E2320_017021 [Naja naja]	-
KAG8124186.1	Hypothetical protein E2320_019480 [Naja naja]	-
ETE72028.1	Hypothetical protein L345_02143 [Ophiophagus hannah]	-
ETE56684.1	Hypothetical protein L345_17604, partial [Ophiophagus hannah]	-
LAA56372.1	Hypothetical protein, partial [Micrurus corallinus]	-
LAA76791.1	Hypothetical protein, partial [Micrurus lemniscatus lemniscatus]	-
LAA86499.1	Hypothetical protein, partial [Micrurus lemniscatus lemniscatus]	-
LAB22595.1	Hypothetical protein, partial [Micrurus spixii]	-
XP_015680325.1	Intellectin-1 [Protobothrops mucrosquamatus]	-
XP_039215893.1	Intellectin-like protein [Crotalus tigris]	-
XP_015674366.1	Intestinal-type alkaline phosphatase-like [Protobothrops mucrosquamatus]	-
XP_015680317.1	Junctional adhesion molecule A [Protobothrops mucrosquamatus]	-
XP_026541839.1	Keratin, type I cytoskeletal 19-like isoform X1 [Notechis scutatus]	-
ETE67131.1	Keratin, type II cytoskeletal 1, partial [Ophiophagus hannah]	-
XP_039187899.1	Keratin, type II cytoskeletal 5-like [Crotalus tigris]	-
XP_007442357.1	Keratin, type II cytoskeletal 6A-like [Python bivittatus]	-
BAA20283.1	KN-BJ2 [Bothrops jararaca]	-
QHR82769.1	Lactadherin 3 [Vipera anatolica senlikij]	-
JAG44206.1	Legumain [Crotalus horridus]	-
XP_034298028.1	L-lactate dehydrogenase B chain isoform X2 [Pantherophis guttatus]	-
XP_039191582.1	LOW QUALITY PROTEIN: beta-hexosaminidase subunit alpha-like [Crotalus tigris]	-
XP_032074536.1	LOW QUALITY PROTEIN: fused toxin protein-like [Thamnophis elegans]	-
XP_034280384.1	Low-density lipoprotein receptor-related protein 1B isoform X1 [Pantherophis guttatus]	-
XP_039184381.1	Lymphocyte antigen 75 [Crotalus tigris]	-
QHR82774.1	Lysosomal acid lipase/cholesteryl ester hydrolase 1 [Vipera anatolica senlikij]	-
XP_015672926.1	Lysosomal alpha-glucosidase [Protobothrops mucrosquamatus]	-
XP_034262785.1	Lysosomal alpha-mannosidase [Pantherophis guttatus]	-
XP_007429218.1	Mammalian endymin-related protein 1 [Python bivittatus]	-
JAA94889.1	Mesencephalic astrocyte-derived neurotrophic factor-like protein [Crotalus horridus]	-
XP_026522089.1	Mitogen-activated protein kinase 4 [Notechis scutatus]	-
XP_039218224.1	Mucin-5B-like [Crotalus tigris]	-
ETE67243.1	N(4)-(beta-N-acetylglucosaminyl)-L-asparaginase, partial [Ophiophagus hannah]	-
XP_026521150.1	Neprilysin isoform X1 [Notechis scutatus]	-
ETE67685.1	Netrin-4, partial [Ophiophagus hannah]	-

ADK22832.1	P31 beta subunit [Daboia siamensis]	-
XP_039218972.1	Palmitoyl-protein thioesterase 1 [Crotalus tigris]	-
AFJ50884.1	PDI [Crotalus adamanteus]	-
XP_029142321.1	Peptidyl-prolyl cis-trans isomerase A-like [Protobothrops mucrosquamatus]	-
XP_015673928.1	Peptidyl-prolyl cis-trans isomerase B [Protobothrops mucrosquamatus]	-
XP_007436716.1	Peroxiredoxin-4 [Python bivittatus]	-
XP_039210231.1	Phosphatidylethanolamine-binding protein 4 [Crotalus tigris]	-
XP_026534175.1	Plialpha-like protein [Notechis scutatus]	-
XP_013925467.1	PREDICTED: activating transcription factor 7-interacting protein 2 [Thamnophis sirtalis]	-
XP_013930792.1	PREDICTED: annexin A2 [Thamnophis sirtalis]	-
XP_013931233.1	PREDICTED: hemoglobin subunit beta-2 [Thamnophis sirtalis]	-
XP_013909489.1	PREDICTED: serotransferrin [Thamnophis sirtalis]	-
XP_013918912.1	PREDICTED: uncharacterized protein LOC106546547 [Thamnophis sirtalis]	-
XP_013911016.1	PREDICTED: vacuolar protein sorting-associated protein 13D-like, partial [Thamnophis sirtalis]	-
XP_039220671.1	Pregnancy zone protein-like isoform X1 [Crotalus tigris]	-
XP_034280767.1	Pregnancy zone protein-like isoform X1 [Pantherophis guttatus]	-
XP_015674084.2	Protein disulfide-isomerase A3 [Protobothrops mucrosquamatus]	-
XP_025021846.1	Protein SON isoform X6 [Python bivittatus]	-
KAG8134690.1	Putative Acid ceramidase-like protein, partial [Naja naja]	-
KAG8133296.1	Putative Hemoglobin subunit alpha-1 protein, partial [Naja naja]	-
KAG8132604.1	Putative Protein CYR61 protein [Naja naja]	-
XP_026543134.1	Radial spoke head 10 homolog B-like [Notechis scutatus]	-
XP_039207454.1	Radixin isoform X1 [Crotalus tigris]	-
XP_015687655.1	Renin [Protobothrops mucrosquamatus]	-
JAC96552.1	Renin, partial [Echis coloratus]	-
CAJ55260.1	Renin-like aspartic protease [Echis ocellatus]	-
XP_032073595.1	Retinal-specific phospholipid-transporting atpase ABCA4 [Thamnophis elegans]	-
AFJ51166.1	Ribonuclease T2-like [Crotalus adamanteus]	-
XP_026529087.1	RNA-binding protein 6 isoform X1 [Notechis scutatus]	-
AUF41652.1	RVV-X heavy chain [Daboia siamensis]	-
XP_015665591.1	Serum albumin-like [Protobothrops mucrosquamatus]	-
XP_032091335.1	Serum albumin-like [Thamnophis elegans]	-
ABA40759.1	Stejnihagin-B [Trimeresurus stejnegeri]	-
XP_026559083.1	Sulfhydryl oxidase 1 [Pseudonaja textilis]	-
XP_032083611.1	Sushi, nidogen and EGF-like domain-containing protein 1 [Thamnophis elegans]	-
ABX82866.1	Three finger toxin V [Walterinnesia aegyptia]	-
C1IC47.1	Three-finger toxin W-III	-
AAF76378.1	Thrombin-like protein DAV-PA precursor [Deinagkistrodon acutus]	-
ABV89584.1	Thrombin-like protein, partial [Deinagkistrodon acutus]	-
CAK18223.1	Transferrin [Boaedon fuliginosus]	-
JAA95244.1	Transferrin [Crotalus horridus]	-
CAK18221.1	Transferrin [Natrix natrix]	-
XP_034267122.1	Transmembrane channel-like protein 1 [Pantherophis guttatus]	-
XP_026529481.1	Tyrosine-protein kinase Lck [Notechis scutatus]	-
XP_029141105.1	Uncharacterized protein LOC107292959 [Protobothrops mucrosquamatus]	-
XP_034277404.1	Uncharacterized protein LOC117667888 [Pantherophis guttatus]	-
ACN22045.1	Vammin precursor [Vipera ammodytes ammodytes]	-
CAE47105.1	Vaspin acidic subunit (1) variant [Vipera aspis aspis]	-
QHR82861.1	Venom factor 1 [Vipera anatolica senliki]	-
XP_032073616.1	Vitellogenin-2-like [Thamnophis elegans]	-

Protein family	Count
svMP	61
svSP	35
PLA	22
SNACLEC	13
CRISP	12
Aminopeptidase	11
LAAO	11
svPDE	6
DIS	5
Nucleotidase	5
VEGF	4
NGF	3
PLB	3
-	156
TOTAL	347

svMP	Snake Venom Metalloprotease
svSP	Snake Venom Serine Protease
PLA	Phospholipase A
SNACLEC	Snake Venom Lectins
CRISP	Cysteine-rich secretory protein
LAAO	L-amino Acid Oxidase
svPDE	Snake Venom Phosphodiesterase
DIS	Disintegrin
VEGF	Snake venom vascular endothelial growth factors
NGF	Nerve growth factors
PLB	Phospholipase B