

Species	Reads	Reads post-trimming	Contigs	Total length	N50	Peptides	Iso-filtered ORFs	Locality/Region of Origin	Collector	SRA BioProject	SRA Run	MCZ IZ Voucher No.
<b>SCORPIONOIDEA</b>												
Scorpionidae: <i>Pandinus imperator</i>	17620229	16666951	139997	68457309	585	21247	20279	West Africa				
Locheilidae: <i>Locheilus australis</i>	15082229	14723844	173567	70859282	415	22979	22581	Taiwan: Kenting: Kenting Forest Recreational Area. 21°57'586" N 120°49'223" E. 26-vi-2013	S.L. Boyer, G. Giribet, M.S. Harvey, M.G. Rix, P.P. Sharma	PRJNA270658	SRR1721600	46979
<i>Hadogenes troglodytes</i>	19210515	18114733	194759	87603279	482	22383	21561	Mozambique		PRJNA270659	SRR1721664	16114
<i>Opisthacanthus madagascarensis</i>	21158446	18937117	384543	155421630	396	24585	22856	Madagascar: Toliara Province		PRJNA270662	SRR1721665	46942
Bothriuridae: <i>Bothriurus burmeisteri</i>	27203966	26560862	119748	62649095	675	21240	20574	Chile		PRJNA270664	SRR1721668	46943
Diplocentridae: <i>Diplocentrus diablo</i>	25583200	24811563	201918	87406785	456	27168	26245	Mexico		PRJNA270667	SRR1721670	46909
Urodacidae: <i>Urodacus planimanus</i>	16642385	15937822	99395	67092385	1072	31614	30676	Australia	M.G. Rix, M.S. Harvey	PRJNA270668	SRR1721672	46936
										n/a	n/a	46989
<b>IIUROIDEA</b>												
Caraboctonidae: <i>Hadrurus arizonensis</i>	21465320	21007002	159818	70203461	467	19660	19266	US: Arizona		PRJNA270669	SRR1721733	46930
Iuridae: <i>Iurus dekamum</i>	11774511	11176439	76669	36853746	560	17954	17619	Greece: Crete		PRJNA270671	SRR1721734	46961
<b>CHACTOIDEA</b>												
Chaetidae: <i>Anuroctonus phaidactylus</i>	21530977	21006190	158446	72205445	511	24169	23533	US: California		PRJNA270683	SRR1721879	46934
<i>Brotheus granulatus</i>	20318273	17637786	134137	62637010	521	20166	19513	Brazil: Manaus, Amazonas	G. Giribet	PRJNA270684	SRR1721887	46934
Euscorpidae: <i>Euscorpis italicus</i>	12667128	11905482	108927	52421090	569	20576	20096	Switzerland: Chateaufeu, Valais, ix-2013.	L. Monod	PRJNA270686	SRR1721892	46939
<i>Magacornus</i> sp.	37103196	33860561	62656	35588285	770	17008	16454	Mexico: Veracruz: Calchahuac, Atotonilco. 19°8'383" N 97°12'067" E. 4-14-x-2013	E. González Santillán, F. Álvarez Padilla	PRJNA270687	SRR1767669	46940
Scorpioidea: <i>Scorpio</i> sp.	19929085	16977482	272742	118767427	445	26720	24941	Thailand: Phitsanulok Prov., Nakhon Thai Distr., Phu Hin Rongkla N.P., 1290m, 23-xii-2013	P. Schwendinger	PRJNA270692	SRR1767662	46984
Superstitionidae: <i>Superstitionia densis</i>	23245173	22405195	166551	71788644	459	24619	23916	US: Arizona		PRJNA270688	SRR1721951	46987
Troglotaxiscidae: <i>Bolivarius sambesi</i>	10567924	9970771	101260	47671035	542	19773	19324	France: Road le Tech-Col de Sous, Pyrénées Orientale, 707m, 14-ix-2013	L. Cauwet, T. Andriollo, L. Monod	PRJNA270693	SRR1721953	46988
Vaejovidae: <i>Paravaejovis spinigerus</i>	8892658	8379914	97571	47090425	564	19624	19226	US: Arizona		PRJNA270694	SRR1721954	46990
<i>Smeringurus mesasiensis</i>	23066807	22153197	247631	104346593	442	38261	37055	US: Arizona	L.A. Esposito	PRJNA270696	SRR1721955	46994
<b>CHAERLOIDEA</b>												
Chaerilidae: <i>Chaerilus celebensis</i>	20801179	17705092	215165	93633393	447	25972	24310	Philippines: Luzon		PRJNA270679	SRR1721804	46935
<b>BUTHOIDEA</b>												
Buthidae: <i>Centruroides sculpturatus</i>	24260079	23606802	252086	151962606	879	58467	16496	US: Arizona		PRJNA255346	SRR1515193	46910
<i>Hotentotta trilineatus</i>	9498355	8988274	118058	54754702	521	20469	19741	Sub-Saharan Africa		PRJNA270678	SRR1721800	46918
<i>Parabuthus transvaalicus</i>	18836538	17802353	211157	89341714	433	20925	20217	Southern Africa		PRJNA270677	SRR1721799	46920
<i>Androctonus australis</i>	15028017	14242695	158114	68505937	450	19742	17851	Northern Africa		PRJNA270676	SRR1724216	46926
<b>PSEUDOCHACTOIDEA</b>												
Pseudochactidae: <i>Troglodermomachus steineri</i>	20456204	19077325	122671	60983094	581	20634	19547	Laos: Khammouane: Xe Bangfai Cave, ca. 0.5 km inside cave, on alluvial sand. 19-iv-2014	P.P. Sharma, V. Vorlachak	PRJNA270673	SRR1721739	46969
<i>Vietboop lao</i>	19987805	18525856	146981	71330622	543	21193	20007	Laos: Khammouane: Ban Naden Cave, ca. 0.2 km inside cave, on clay floor 18-iv-2014	P.P. Sharma, V. Vorlachak	PRJNA270675	SRR1721740	46973
<b>OUTGROUPS</b>												
Pseudoscorpiones: <i>Haplochernes</i> sp.	11976066	11111478	217966	89689290	426	32300	16376	Taiwan: Kenting: Kenting Forest Recreational Area. 21°57'586" N 120°49'223" E. 26-vi-2013	S.L. Boyer, G. Giribet, M.S. Harvey, M.G. Rix, P.P. Sharma	PRJNA270672	SRR1767661	46997
<i>Synsphyranus optimelus</i>												
Amblypygi: <i>Damon variegatus</i>												
Uropygi: <i>Mastigoproctus giganteus</i>												
Araneae: <i>Liphistius malaysianus</i>												
<i>Leucauge venusta</i>												
Opiliones: <i>Siro boyerac</i>												
<i>Trogulus martensi</i>												
<i>Pachyliscus acutus</i>												
<i>Leiobunum verrucosum</i>												
Solifugae: <i>Eremobates</i> sp.												
Ricinulei: <i>Ricinoides atrata</i>												
Xiphosura: <i>Limulus polyphemus</i>												
<b>ADDITIONAL DATA SETS</b>												
	Data set type	ESTs/Genes	Peptides	Iso-filtered ORFs	Source							
Scorpionidae: <i>Heterometrus petersii</i>	EST library	262	153	135	Ma et al. 2010							
Scorpionidae: <i>Scorpio maurus palmatus</i>	EST library	102	33	28	Abdel-Rahman et al. 2013							
Scorpioidea: <i>Scorpio jendeki</i>	EST library	871	420	132	Ma et al. 2009							
Scorpionidae: <i>Scorpiops margerisonae</i>	EST library	360	184	184	Ma et al. 2012							
Buthidae: <i>Centruroides vittatus</i>	Illumina library	14215	3859	3050	Sharma et al. 2014							
Buthidae: <i>Isometrus maculatus</i>	EST library	328	167	164	Ma et al. 2012							
Buthidae: <i>Lychas mucronatus</i>	EST library	1068	374	339	Zhao et al. 2010							
Buthidae: <i>Mesobuthus gibbosus</i>	EST library	982	379	330	Diego-García et al. 2014							
Buthidae: <i>Mesobuthus martensi</i>	Genome	32016	32016	n/a	Cao et al. 2013							
Buthidae: <i>Titus serrulatus</i>	EST library	1354	433	312	Alvarenga et al. 2012							
Buthidae: <i>Titus stigmurus</i>	EST library	153	56	55	Almeida et al. 2012							