

Gene name	Sf_TR2012b ID	Size (nt)	Best Blastx	E-value	Status
GNBP					
	joint2_c3183	1616	>gi 326537522 gb ADZ93428.1 beta-1,3-glucan binding protein [<i>Spodoptera litura</i>]	0E+00	Full
	joint2_rep_c3016	1215	>gi 350627242 gb AEQ33590.1 beta-1,3-glucan recognition protein 2 [<i>Spodoptera litura</i>]	2E-75	Partial
	joint2_c4285	653	>gi 208972529 gb ACI32825.1 beta-1,3-glucan recognition protein 1 [<i>Helicoverpa armigera</i>]	2E-88	Partial
PGRP					
	c10154	2185	>gi 357631551 gb EHJ79021.1 peptidoglycan recognition protein-Ic [<i>Danaus plexippus</i>]	9E-37	Full
	joint2_rep_c2027	1444	>gi 18202160 sp O76537.1 PGRP_TRINI RecName: Full=Peptidoglycan recognition protein	2E-96	Full
	rep_c24829	1270	>gi 18202160 sp O76537.1 PGRP_TRINI RecName: Full=Peptidoglycan recognition protein	4E-98	Full
	c6812	1214	>gi 399128031 gb AFP23116.1 peptidoglycan recognition protein B [<i>Helicoverpa armigera</i>]	8E-105	Full
	c18686	904	>gi 399128031 gb AFP23116.1 peptidoglycan recognition protein B [<i>Helicoverpa armigera</i>]	6E-51	Full
	rep_c2782	2079	>gi 399128033 gb AFP23117.1 peptidoglycan recognition protein C [<i>Helicoverpa armigera</i>]	1E-91	Full
	rep_c7951	1190	>gi 112982725 ref NP_001037560.1 peptidoglycan recognition protein S2 precursor [<i>Bombyx mori</i>]	2E-51	Full
	joint2_c7700	1582	>gi 357631551 gb EHJ79021.1 peptidoglycan recognition protein-Ic [<i>Danaus plexippus</i>]	1E-34	Partial
	L34141_T1	107	>gi 315507103 gb ADU33187.1 peptidoglycan recognition protein D [<i>Ostrinia nubilalis</i>]	1E-14	Partial
	c21899	572	>gi 357612138 gb EHJ67829.1 hypothetical protein KGM_02561 [<i>Danaus plexippus</i>]	3E-30	Partial
	c18209	545	>gi 315507103 gb ADU33187.1 peptidoglycan recognition protein D [<i>Ostrinia nubilalis</i>]	8E-17	Partial
TEP (Thioester cont. protein)					
	c41436	333	>gi 357605113 gb EHJ64472.1 putative tep3 [<i>Danaus plexippus</i>]	2E-43	Partial
Transmembrane receptors					
P77					
	c28367	444	>gi 305632939 dbj BAJ16182.1 p77 homologue [<i>Spodoptera litura</i>]	2E-38	Partial
Eater (EGF-domain protein)					
	joint2_c4820	1854	>gi 300440347 gb ADK20108.1 eater [<i>Drosophila melanogaster</i>]	8E-26	Partial
	rep_c13922	1823	>gi 300440347 gb ADK20108.1 eater [<i>Drosophila melanogaster</i>]	4E-29	Partial
	joint2_c5622	2280	>gi 300440347 gb ADK20108.1 eater [<i>Drosophila melanogaster</i>]	4E-68	Partial
	joint2_rep_c6592	1709	>gi 300440347 gb ADK20108.1 eater [<i>Drosophila melanogaster</i>]	2E-44	Partial
DSCAM					
	c28502	372	>gi 357628590 gb EHJ77866.1 dscam [<i>Danaus plexippus</i>]	5E-31	Partial
	c31413	429	>gi 357628590 gb EHJ77866.1 dscam [<i>Danaus plexippus</i>]	9E-57	Partial
	c36605	482	>gi 357628590 gb EHJ77866.1 dscam [<i>Danaus plexippus</i>]	3E-46	Partial
	c37546	1130	>gi 357628590 gb EHJ77866.1 dscam [<i>Danaus plexippus</i>]	1E-149	Partial
Nimrod					
	joint2_rep_c2173	1968	>gi 112983550 ref NP_001036879.1 nimrod B precursor [<i>Bombyx mori</i>]	4E-66	Partial
	joint2_rep_c8963	2140	>gi 112983550 ref NP_001036879.1 nimrod B precursor [<i>Bombyx mori</i>]	1E-113	Partial
Scavenger receptors					
	joint2_c2139	2191	>gi 283945476 ref NP_001164650.1 scavenger receptor class B member 3 [<i>Bombyx mori</i>]	7E-41	Partial
	c34896	803	>gi 283483658 dbj BAI66273.1 Cameo2 [<i>Bombyx mori</i>]	1E-92	Partial
	c15860	1244	>gi 283945476 ref NP_001164650.1 scavenger receptor class B member 3 [<i>Bombyx mori</i>]	6E-89	Full
	rep_c5141	2229	>gi 82880638 gb ABB92836.1 scavenger receptor SR-C-like protein [<i>Spodoptera frugiperda</i>]	0.0	Full
Extra cellular signal transduction and cytokines					
Persephone					
	c12701	731	>gi 56418393 gb AAV91004.1 hemolymph proteinase 6 [<i>Manduca sexta</i>]	4E-41	Partial
	rep_c4857	1588	>gi 56418393 gb AAV91004.1 hemolymph proteinase 6 [<i>Manduca sexta</i>]	1E-155	Partial
Grass-like					
	not found				
Spätzle-processing enzyme					
	joint2_rep_c2954	1774	>gi 357622297 gb EHJ73832.1 hemolymph proteinase 8 [<i>Danaus plexippus</i>]	1E-114	Full
	L5381_T1	572	>gi 357622297 gb EHJ73832.1 hemolymph proteinase 8 [<i>Danaus plexippus</i>]	1E-58	Partial
Spätzle					
	joint2_rep_c4418	2173	>gi 388252721 gb AFK24443.1 spatzle-2 [<i>Spodoptera frugiperda</i>]	2E-101	Full
	rep_c48337	695	>gi 388252721 gb AFK24443.1 spatzle-2 [<i>Spodoptera frugiperda</i>]	1E-46	Full
Growth Blocking Peptide					
	rep_c30358	535	>gi 3986192 dbj BAA34953.1 growth-blocking peptide [<i>Spodoptera litura</i>]	5E-26	Partial
	rep_c47928	464	>gi 3986192 dbj BAA34953.1 growth-blocking peptide [<i>Spodoptera litura</i>]	7E-16	Partial
	joint2_rep_c335	2634	>gi 3986192 dbj BAA34953.1 growth-blocking peptide [<i>Spodoptera litura</i>]	7E-52	Full
Growth Blocking Peptide Binding Protein					
	c21183	1533	>gi 34392593 dbj BAC82630.1 growth blocking peptide binding protein [<i>Mythimna separata</i>]	2E-98	Full
	joint2_rep_c3440	2125	>gi 34392593 dbj BAC82630.1 growth blocking peptide binding protein [<i>Mythimna separata</i>]	1E-138	Full

hdd23	joint2_rep_c2127	625	>gi 4090970 gb AAD09282.1 immune-related Hdd23 [<i>Hyphantria cunea</i>]	6E-15	Full
	rep_c50634	663		4E-14	
SRP	joint2_rep_c284	616	>gi 168701455 ref ZP_02733732.1 hypothetical protein GobsU_18155 [<i>Gemmata obscuriglobus</i> UQM 2246]	5E-15	Full
	joint2_rep_c3270	584		>gi 4090970 gb AAD09282.1 immune-related Hdd23 [<i>Hyphantria cunea</i>]	
HCP	joint2_rep_c520	831	>gi 357604127 gb EHJ64054.1 mitochondria-associated granulocyte macrophage CSF signaling molecule [<i>Danaus plexippus</i>]	3E-49	Full
Upd3	not found				

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Toll pathway						
Toll	c21297	983	>gi 357626027 gb EHJ76269.1 putative protein toll precursor [<i>Danaus plexippus</i>]	1E-101		
	c15374	651	>gi 357613547 gb EHJ68577.1 putative toll [<i>Danaus plexippus</i>]	1E-63		
	c18222	564	>gi 357604744 gb EHJ64305.1 putative toll [<i>Danaus plexippus</i>]	1E-84		
	c27553	438	>gi 357611178 gb EHJ67353.1 putative toll [<i>Danaus plexippus</i>]	8E-52		
	c44947	511	>gi 357607081 gb EHJ65350.1 putative toll [<i>Danaus plexippus</i>]	4E-81		
	c45159	661	>gi 357617307 gb EHJ70712.1 putative toll [<i>Danaus plexippus</i>]	2E-71		
	c9825	1044	>gi 357613547 gb EHJ68577.1 putative toll [<i>Danaus plexippus</i>]	2E-47		
	joint2_c10319	618	>gi 357613547 gb EHJ68577.1 putative toll [<i>Danaus plexippus</i>]	2E-71		
	joint2_c10448	488	>gi 357617307 gb EHJ70712.1 putative toll [<i>Danaus plexippus</i>]	4E-41		
	joint2_c7245	1199	>gi 357613547 gb EHJ68577.1 putative toll [<i>Danaus plexippus</i>]	2E-97		
	joint2_c4264	345	>gi 357622857 gb EHJ74227.1 putative toll-like receptor 13 [<i>Danaus plexippus</i>]	5E-38		
	joint2_c6344	799	>gi 357622857 gb EHJ74227.1 putative toll-like receptor 13 [<i>Danaus plexippus</i>]	2E-96		
	c20425	698	>gi 389609959 dbj BAM18591.1 Toll-like receptor [<i>Papilio xuthus</i>]	4E-50	Partial	
	joint2_c6812	1731	>gi 182511220 ref NP_001116821.1 18 wheeler precursor [<i>Bombyx mori</i>]	0.0		
	c16695	982	>gi 318104931 gb ADV41489.1 toll receptor 18 wheeler [<i>Spodoptera frugiperda</i>]	0.0		
	c16515	659	>gi 357617686 gb EHJ70927.1 18 wheeler [<i>Danaus plexippus</i>]	3E-84		
	c37507	390	>gi 357627953 gb EHJ77461.1 18 wheeler [<i>Danaus plexippus</i>]	4E-40		
	c28269	407	>gi 318104931 gb ADV41489.1 toll receptor 18 wheeler [<i>Spodoptera frugiperda</i>]	3E-45		
	c26372	456	>gi 318104931 gb ADV41489.1 toll receptor 18 wheeler [<i>Spodoptera frugiperda</i>]	2E-32		
	c23998	356	>gi 363497934 gb AEW24430.1 toll [<i>Spodoptera exigua</i>]	2E-48		
	joint2_c3284	2124	>gi 345479829 ref XP_001604871.2 PREDICTED: protein toll [<i>Nasonia vitripennis</i>]	2E-76		
	c46305	637	>gi 91076464 ref XP_971999.1 PREDICTED: similar to toll [<i>Tribolium castaneum</i>]	2E-81		
	c21766	731	>gi 357617307 gb EHJ70712.1 putative toll [<i>Danaus plexippus</i>]	1E-64		
	c44912	551	>gi 91076464 ref XP_971999.1 PREDICTED: similar to toll [<i>Tribolium castaneum</i>]	4E-72		
	MyD88	joint2_c5546	2525	>gi 357622568 gb EHJ73995.1 putative Myeloid differentiation primary response protein MyD88 [<i>Danaus plexippus</i>]	2E-55	Full
		joint2_c8044	1454	>gi 388252723 gb AFK24444.1 MyD88 [<i>Spodoptera frugiperda</i>]	1E-164	Partial
	Tollip	c14199	1951	>gi 512891539 ref XP_004922709.1 PREDICTED: toll-interacting protein-like [<i>Bombyx mori</i>]	2E-10	Partial
		c19207	624	>gi 91081565 ref XP_975168.1 PREDICTED: similar to Toll-interacting protein [<i>Tribolium castaneum</i>]	6E-26	
	Tube	joint2_c8555	2183	>gi 357617711 gb EHJ70951.1 hypothetical protein KGM_14811 [<i>Danaus plexippus</i>]	1E-104	Full
	Pellino	joint2_rep_c3710	3514	>gi 512886824 ref XP_004921823.1 PREDICTED: protein pellino-like [<i>Bombyx mori</i>]	3E-133	Partial
Pelle	c36088	429	>gi 385048188 gb AFI39855.1 pelle, partial [<i>Daphnia parvula</i>]	2E-31	Full	
	c42147	785	>gi 512906233 ref XP_004926145.1 PREDICTED: serine/threonine-protein kinase pelle-like [<i>Bombyx mori</i>]	4E-42		
Traf	joint2_c8521	444		5E-23		
	L13084_T1	146		2E-16	Partial	
	L12209_T1	163	>gi 379698888 ref NP_001243915.1 TRAF6 [<i>Bombyx mori</i>]	3E-16		
	L13118_T1	145		3E-19		
Ecsit	joint2_c9334	1445	>gi 170035114 ref XP_001845416.1 ecsit [<i>Culex quinquefasciatus</i>]	1E-100	Full	
Cactus	joint2_c6735	2183	>gi 289629214 ref NP_001166191.1 cactus [<i>Bombyx mori</i>]	2E-83	Full	
Dorsal	joint2_c10766	2417	>gi 357614722 gb EHJ69235.1 embryonic polarity protein dorsal [<i>Danaus plexippus</i>]	1E-103	Partial	
DIF	Not found					
Imd pathway						
IMD	c38668	592	>gi 388597545 gb AFK75934.1 IMD-like protein [<i>Spodoptera exigua</i>]	2E-54	Partial	

IMD	joint2_c6888	536	>gi 388597545 gb AFK75934.1	IMD-like protein [<i>Spodoptera exigua</i>]	2E-16	Partial
FADD	c7443	1377	>gi 321400088 ref NP_001189465.1	fadd [<i>Bombyx mori</i>]	7E-51	Full
Dredd	Not found					
Caspar	joint2_c495	785	>gi 357616510 gb EHJ70237.1	Fas associated factor 1 [<i>Danaus plexippus</i>]		9E-125
	joint2_c6556	837				2E-131
TAK1	joint2_c2598	1201	>gi 357624974 gb EHJ75547.1	putative Mitogen-activated protein kinase kinase kinase 7 [<i>Danaus plexippus</i>]	5E-162	Partial
TAB2	joint2_rep_c4196	1252	>gi 357623679 gb EHJ74734.1	TAK1-associated binding protein 2 isoform A [<i>Danaus plexippus</i>]	9E-66	Partial
IAP2	c41058	409	>gi 321400074 ref NP_001189458.1	inhibitor of apoptosis 2 [<i>Bombyx mori</i>]		8E-21
	c39309	300				4E-12
IKK β (Ird5)	joint2_c6441	998	>gi 357624008 gb EHJ74934.1	Inhibitor of nuclear factor kappa B kinase beta subunit [<i>Danaus plexippus</i>]		1E-114
	joint2_c9835	1349				6E-41
IKK γ (Kenny)	Not found					
UBcC (Effete)	joint2_rep_c1636	1810	>gi 357604946 gb EHJ64394.1	effete [<i>Danaus plexippus</i>]	5E-99	Full
Uev1a	joint2_c554	1742	>gi 512928183 ref XP_004931520.1	PREDICTED: ubiquitin-conjugating enzyme E2 variant 2-like [<i>Bombyx mori</i>]	1E-92	Full
Ubc13 (Bend)	joint2_rep_c3381	1608	>gi 114051115 ref NP_001040393.1	ubiquitin conjugating enzyme E2 [<i>Bombyx mori</i>]	3E-86	Full
	c6453	2060	>gi 346987771 gb AEO51739.1	relish [<i>Helicoverpa armigera</i>]	2E-180	Partial
Relish	joint2_c9990	707	>gi 363497936 gb AEW24431.1	relish [<i>Spodoptera exigua</i>]	3E-108	Partial
	c13122	717	>gi 363497936 gb AEW24431.1	relish [<i>Spodoptera exigua</i>]	8E-105	Partial
Negative regulators of IMD pathway						
Pirk	Not found					
POSH	L4001_T1	1041	>gi 345487941 ref XP_001606578.2	PREDICTED: SH3 domain-containing RING finger protein 3-like [<i>Nasonia vitripennis</i>]	7E-82	Partial
DNR1	joint2_c5988	1549	>gi 357619816 gb EHJ72245.1	putative myosin regulatory light chain interacting protein [<i>Danaus plexippus</i>]	7E-79	Full
CYLD	c31819	418	>gi 512926367 ref XP_004931068.1	PREDICTED: ubiquitin carboxyl-terminal hydrolase CYLD-like [<i>Bombyx mori</i>]	3E-46	Partial
skpA	rep_c323	1050	>gi 114052370 ref NP_001040518.1	S-phase kinase-associated protein [<i>Bombyx mori</i>]	2E-96	Full
Cullin	rep_c7665	1161	>gi 91081955 ref XP_967420.1	PREDICTED: similar to cullin [<i>Tribolium castaneum</i>]	5E-119	Partial
Slimb	L1465_T1	951	>gi 157092624 gb ABV22506.1	Slimb [<i>Danaus plexippus</i>]	0.0	Partial
sickie	joint2_rep_c10241	2079	>gi 512916921 ref XP_004928759.1	PREDICTED: protein sickie-like [<i>Bombyx mori</i>]	0.0	Partial
Scrawny (dUSP36)	L9905_T1	263	>gi 512928201 ref XP_004931523.1	PREDICTED: ubiquitin carboxyl-terminal hydrolase 36-like [<i>Bombyx mori</i>]	4E-50	Partial
Akirin	joint2_rep_c1441	923	>gi 379699008 ref NP_001243977.1	akirin protein [<i>Bombyx mori</i>]		8E-63
	rep_c255	1787				Partial
JAK/STAT pathway						
Domless	joint2_c9929	686	>gi 261335947 emb CBH09280.1	putative tyrosine phosphatase [<i>Heliconius melpomene</i>]		8E-84
	joint2_c8943	355				1E-31
JAK (hopscotch)	c28082	598	>gi 357607423 gb EHJ65487.1	putative tyrosine-protein kinase jak2 [<i>Danaus plexippus</i>]		1E-92
	c27398	511				2E-42
STAT (unpaired)	c10638	896				1E-151
	joint2_c4458	1227				0.0
	c35515	393				>gi 17225564 gb AAL37476.1 AF329946_1
	L3562_T1	402				2E-33
	L3562_T2	349				2E-33
PIAS	c23834	806	>gi 385259116 gb AFI55458.1	PIAS2 protein [<i>Bombyx mori</i>]	1E-111	Partial
SOCS	joint2_c4404	2267	>gi 357620333 gb EHJ72563.1	suppressor of cytokine signaling 6 [<i>Danaus plexippus</i>]	1E-136	Full
JNK pathway						
Hem	c28696	682	>gi 357616343 gb EHJ70140.1	putative membrane-associated protein gex-3 [<i>Danaus plexippus</i>]	1E-102	Partial

Hem	rep_c2497	1579	>gi 357616343 gb EHJ70140.1 putative membrane-associated protein gex-3 [<i>Danaus plexippus</i>]	1E-88
	c34937	304		7E-45 Partial
	c28148	426		>gi 332017367 gb EGI58109.1 Membrane-associated protein Hem [<i>Acromyrmex echinator</i>]
Basket	Not found			
Fos (kayak)	c12189	531	>gi 357622228 gb EHJ73792.1 kayak isoform A [<i>Danaus plexippus</i>]	4E-52
	c19720	449		7E-17 Partial
	c16092	479		4E-15
	c12451	1453		>gi 380012628 ref XP_003690381.1 PREDICTED: proto-oncogene c-Fos-like [<i>Apis florea</i>]
Jun	joint2_rep_c2246	2541	>gi 388540204 gb AFK64813.1 c-jun-like protein [<i>Helicoverpa armigera</i>]	1E-132 Full
	L23568_T1	114	>gi 357613266 gb EHJ68412.1 c-Jun NH2-terminal kinase [<i>Danaus plexippus</i>]	3E-13 Partial

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Phenoloxidase System							
PPAEs	joint2_c2301	1481	>gi 56718388 gb AAW24480.1 prophenol oxidase activating enzyme 1 [<i>Spodoptera litura</i>]	0.0	Full		
	rep_c3743	1665		0.0			
	L5381_T1	572	>gi 112983934 ref NP_001036844.1 BzArgOEtase precursor [<i>Bombyx mori</i>]	1E-69	Partial		
	joint2_rep_c7331	666	>gi 56718390 gb AAW24481.1 prophenol oxidase activating enzyme 3 [<i>Spodoptera litura</i>]	7E-82	Full		
	joint2_rep_c7313	1521		1E-107			
PPO1	joint2_rep_c2737	1440	>gi 82880634 gb ABB92834.1 prophenoloxidase subunit 1 [<i>Spodoptera frugiperda</i>]	0E+00	Partial		
	joint2_c8944	2240					
PPO2	joint2_rep_c165	2619	>gi 82880636 gb ABB92835.1 prophenoloxidase subunit 2 [<i>Spodoptera frugiperda</i>]	0E+00	Full		
Phenoloxidase Inhibitor	rep_c3203	599	>gi 116833169 gb ABK29497.1 phenoloxidase inhibitor protein [<i>Helicoverpa armigera</i>]	4E-06	Full		
	rep_c7945	509		2E-07			
Antimicrobial peptides							
Attacin	joint2_c9574	1003	>gi 1703758 sp P50725.1 ATTA_TRINI RecName: Full=Attacin-A; Flags: Precursor	1E-83	Full		
	joint2_c6638	924		7E-83			
	rep_c30214	1028		2E-85			
	rep_c16033	1116		9E-87			
	rep_c9395	995		2E-87			
	rep_c2883	925		6E-82			
	joint2_c4106	1139		>gi 238915975 gb ACR78454.1 attacin [<i>Heliothis virescens</i>]		1E-64	Full
	joint2_rep_c2387	1517		2E-75			
	rep_c33582	445		>gi 159193 gb AAA29183.1 attacin E precursor [<i>Hyalophora cecropia</i>]		5E-27	Partial
	rep_c6862	742		>gi 61661433 gb AAX51304.1 cecropin [<i>Helicoverpa armigera</i>]		2E-16	Full
	joint2_rep_c2859	555		9E-17			
	rep_c20433	561		>gi 46396047 sp Q9XZG9.1 CECA_SPOLT RecName: Full=Cecropin-A		2E-17	Full
	joint2_rep_c4163	457		>gi 313247970 gb ADR51148.1 cecropin 3 [<i>Helicoverpa armigera</i>]		3E-08	Full
	rep_c485	997				6E-11	
	rep_c1453	915		>gi 112983176 ref NP_001037031.1 cecropin CBM2 precursor [<i>Bombyx mori</i>]		4E-11	Full
rep_c16188	933		1E-11				
Cecropin	rep_c1132	803	>gi 112984238 ref NP_001037460.1 cecropin-B precursor [<i>Bombyx mori</i>]	8E-11	Full		
	rep_c12210	1205	>gi 157704367 gb ABV68872.1 cecropin B [<i>Trichoplusia ni</i>]	5E-06	Full		
	joint2_rep_c1821	547	>gi 61660433 gb AAX51193.1 HacD [<i>Helicoverpa armigera</i>]	5E-25	Full		
	joint2_rep_c2857	500	3E-22				
	joint2_rep_c1566	959		3E-16			
	joint2_rep_c3462	539		1E-17			
	joint2_rep_c4099	519	>gi 1705742 sp P50721.1 CE3E_HYPCU RecName: Full=Hyphancin-3E	4E-16	Full		
	rep_c49718	749		3E-17			
	rep_c22144	383		3E-18			
	Defensin	joint2_rep_c1200	643	>gi 157704371 gb ABV68874.1 cobatoxin-like protein [<i>Trichoplusia ni</i>]	1E-11	Full	

	rep_c31235	505	>gi 33439724 gb AAQ18900.1 cobatoxin long form B [<i>Spodoptera frugiperda</i>]	1E-22 Full
Defensin	rep_c18211	391	>gi 33439716 gb AAQ18896.1 gallerimycin [<i>Spodoptera frugiperda</i>]	3E-37 Full
	joint2_rep_c352	915		1E-33 chimere
	joint2_rep_c1506	611	>gi 32394732 gb AAM96925.1 defensin precursor [<i>Spodoptera frugiperda</i>]	2E-47 Full
	rep_c50766	546		9E-53
Gloverin	rep_c11387	765		9E-59 Full
	rep_c15702	683		1E-12 Partial
	rep_c24985	441	>gi 302347126 gb ADL27731.1 gloverin [<i>Spodoptera exigua</i>]	1E-11
	rep_c396	872		1E-58 Full
	rep_c448	850		2E-92 Full
Lebocin	joint2_rep_c2864	848		9E-39
	joint2_rep_c3089	679	>gi 237506881 gb ACQ99193.1 proline-rich protein [<i>Galleria mellonella</i>]	3E-32
	rep_c31645	829		5E-40
	joint2_rep_c6464	886		3E-39 Full
	joint2_rep_c4195	737	>gi 57157818 dbj BAD84189.1 lebocin-like protein [<i>Samia ricini</i>]	6E-26
	joint2_rep_c874	1180		3E-34
	rep_c1072	1133	>gi 219958088 gb ACL68098.1 pro-lebocin [<i>Manduca sexta</i>]	2E-25
rep_c24419	601		6E-16	
Lys1	rep_c48748	934	>gi 206598481 gb ACI16106.1 lysozyme [<i>Spodoptera litura</i>]	9E-97 Full
Lys2	joint2_rep_c2972	960	>gi 44887636 gb AAS48094.1 lysozyme [<i>Pseudoplusia includens</i>]	6E-60 Full
Lys3	rep_c18992	845	>gi 29893332 gb AAP03061.1 lysozyme [<i>Spodoptera exigua</i>]	6E-34 Full
LLP1	rep_c2131	804	>gi 145286562 gb ABP52098.1 lysozyme-like protein 1 [<i>Antheraea mylitta</i>]	6E-58 Full
LLP2	rep_c4916	794	>gi 357624808 gb EHJ75441.1 lysozyme-like protein 1 [<i>Danaus plexippus</i>]	2E-46 Full
Moricin	c34807	535	>gi 343915878 gb AEM66431.1 moricin B3 [<i>Bombyx mandarina</i>]	2E-11 Full
	joint2_rep_c3441	403		1E-11
	rep_c45075	365	>gi 146738004 gb ABQ42580.1 moricin-like peptide D [<i>Galleria mellonella</i>]	7E-13 Full
	rep_c9540	383		6E-15
Spod-x-tox	joint2_rep_c4528	740		1E-114
	c26837	606		6E-69
	joint2_rep_c4921	492	>gi 379045801 gb AFC87713.1 Spod-11-tox b protein [<i>Spodoptera frugiperda</i>]	3E-69 Partial
	rep_c24787	1061		1E-99
	c41348	512		2E-67