## Genes lost in Arachnida MF TreeMap

cell-cell adhesion mediator activity	zinc ion binding	carbohydrate binding	e IgA binding	binding	receptor binding	ABC-type transporte activity		amino-acid betaine transmembrane transporter activity  organic anion	gamma-aminobutyric acid:sodium symporter activity	xenobiotic transmembrane transporter activity hexose transmembrane	endonuclease activity	tRNA-intron endonuclease activity	5'-flap endonucleas activity RNA-DNA hyb ribonuclease activity	constitu	ent vall	toxin activity	
SMAD binding	Hsp70 protein binding	transcription factor binding		pid co	wth beta binding ing binding b	organic anior	n transme	transmembrane transporter	heme si transmembrane transm transporter trans	transporter activity	endodeoxyribonuclease act	clease activity, tive with either ribo-	endoribonucle activity, producing sphomonosters	of virion	al molec t acti stru consti	ctural structural tuent of molecule	
	peptidoglycan binding	carbohydrate binding	te binding bindin  chitin  peptic hormorecepi	binding  de virus one receptor	enzyme binding binding  protease glycosphingolipid	transmembrane	porin activity	transporter activity sulfur compound transmembrane transporter	long-chain fatty acid transporte activity gap junction	symporter activity	evodeovyrihonuclease		endonuclease active with either or deoxyribonuclease ibonuclease activity activity activity, production of the photograph of the photograp	import signal receptor	receptor signal con	n-based uticle activity structural constituent of ribosome	
cellulose binding	cell adhesion molecule binding	4 binding antigen	alactoside binding ubiquiti	ne ing melanin-concentre hormone recept binding	ating transition	SUMO ligase	alpha-(1->3)-fucos activity	activity  oxidoreductase acting on single de incorporation of roxygen, incorporation at oms of oxy	transferas ion of two	nhosphorus_ovvaer	olfactory receptor acti	immune	receptor neurotransmitter receptor activity	poeptide eceptor activity transc	ription	receptor	
polysaccharide binding	caspase binding		protein protein protein prodimerization activity prot prot prot prot prot prot prot prot	ating melanin-concentration hormone recept binding mous protein dimerization	or cell interleukin-1 adhesior	activity  Catalytic  RNA-directed		rase acting on a control of the cont	activity, transposing S–S bonds	protein disulfide isomerase activity oxidoreductase activity, acting on the CH-NH group		vity	involved in regulation	ity receptor activity inhibisigna regu		r ligand ling receptor <sub>ivity</sub> ator activity	
purine–rich negative regulatory element binding		-stranded binding	telomeric DNA binding		DNA secondary structure binding	DNA polymerase activity  DNA-directed DNA	polyme activi SUM transfe	ity  DNA  N-acyltransfer activity	activity carbonate dehydratase activity	of donors, oxygen as acceptor	transmembra signaling receptor activ	ane act	ceptor ivity activity activity activity receptor ivity receptor activity		signaling receptor regulator activity	nelanin-concentrating hormone activity script activity	
	translatioDNA bii		nucleic acid binding s		e-stranded sequence-specific A binding DNA binding	polymerase activity activ		ether hydrolase	gamma-glutamyltransfera	pe serine-type exopeptidase	extracellula ligand-gated channel acti	ed ion activity er		serine-type ndopeptidase nibitor activity	lopeptidase inhibitor activity	DNA-binding transcription factor activity  DNA-binding	
double-stranded telomeric DNA binding	repress mRNA elemer	or activity, Fregulatory	RNA polymerase II transcription regulatory region sequence–specific	ouble-stranded DNA binding bin	bble cis-regulatory region sequence-specific DNA binding  RNA sequence-specific single stranded	metalloendopept activity		activity aspartic-type drolase acti activity	metallocarboxypeptide  vity activity  serine-type	serine hydrolase activity			on activity  ty  gated trivity  per transmitter-gated activity  reductivity  per transmitter-gated activity	peptidase ptinhibitor activity gulator activity	It Wtidaca	transcription factor activity, RNA polymerase II–specific	
	DNA	DNA binding		J1 snRNA sten	nding  RNA n-loop nding  DNA binding  bingle-stranded telomeric DNA binding	hydrolase activity, hydrolyzing O-glycosyl compounds		beta-glucosidase activity	peptidase activity hydrolase activity, acting on glycosyl bonds	hydrolase activity, acting on ether bonds	kainate selective glutamate channel receptor activity selective selective glutamate receptor selective selective channel receptor selective select		protein serine/threonine lopeptidase bitor activity	enzyme inhibitor activity  DNA-binding transcription activator activity, RNA polymerase II-specific			