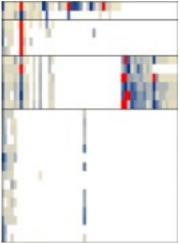
Worm-wide receptor analysis uncovers chemosensory receptors

	Total GPCRs GPCRs Per Compara Family							900 0	2 3	
Phylogeny Species		Class A mou	Clase A							-
	10000000	Amira Chamo PROF Other Class Class Class	Aminergic	Chemosensory	Peptidergic	8	Other	8	8	8
	Scholosoma curassoni									
	Schistosoma haematobium Schistosoma japonicum		001 110		100 4		11 1 5	l lei		11
	Schistosoma mansoni						10 1 10	100		
	Scholosoma margrebowiei Schiolosoma mattheei						11 15			
	Schistosoma rodhaini						1110			
	Trichobilhareis reganti						-			ш
	Obsorchis sinensis Ectinoseone caproni				100 0			110		
2	Fesciola hepatica				100 11					
	Dibothvicephalus latus Echinococcus granulosus				100					
ž.	Echinococcus multilocularis								ш	
2	Hydatigera serolaeformis								ш	١.
	Hymenolopis diminuta Hymenolopis microstoma		P 1 11 1		1100					п
100	Hymenolopis nasu		1 66		E 100			1	N.	
	Mesocestoides corti Schistosphytiss solidus		11 11		B		100			М
	Spirometra entraceleuropaei						1	11		n
	Teenia asiatica						10.1			
The same of	Taemia solium Protopolystoma xenopodis						-	-	-	
-	Schmidtes mediterranes					1			11	1
	Ancylostoma caninum Ancylostoma seylenicum		A 100 PM	THE RESERVE OF THE PARTY OF THE	Hard Control of the C	1	4		17.	
1	Ancylostoma duodanale			A SHOOL BUILDING THE SHOOL SHOL SH	MITTER AND THE REAL PROPERTY AND THE PERSON NAMED IN COLUMN 1				100	1
	Cylicoshephanus goldi Necator americanus		47 10 4	Control of the Control of the	The state of the s	100		1		
	Cesophigostomum dertatum		D-G D	ALTONOUS TO STORY	MARKET BUT CASE OF	100	11			r
	Strongylus vulgaris		THE REAL PROPERTY.		MODEL OF THE REAL PROPERTY OF THE				17	
	Angiostrongylus cantonensis			State of the state	HERBERT P. C.	1 10		3	133	
O Distriction	Angiostrongylas costaricensis Oktyocaulus viviparus		100 100 11	DOTAL DOLLAR	TOTAL DESIGNATION OF THE PERSON OF THE PERSO	110			100	
	Haemorichus contortus		4000	The second second				1	1	
	Halimonohus placer Haligmosomoides bakeri				The state of the s				100	
10000	Nippostrongylus brasilienals		国籍 中	MARKET PROPERTY AND PARTY AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASS	LIFE BUILDING	11	4	1	BU	
	Teladisrasgla circumcireta Caenorhebdilis elegans							-		-
	Pristionshus pepiticus								111	
. 2 2	Panagreilus redivivus Bursephelenchus sykophilus			1100	Maria Carlo	188				1
	Glotodera palida		0.01	11 11 11	DICTOR DECIMAL	1000	r •		1 1	
الالقالا ح	Melaidogyne hapia	1000							111	
	Perastrongyluides Hohosuri Phisbellisphanes sp. KR3021			100	0.00	100	1			
* 2 \$ £	Strongyloides papillosus									
	Strongyloides retfi Strongyloides stercoralis									
	Strongyloides venezuelensis									
	Acanthochelionema vitrae		100			1 191				
	Brugia matayi Brugia pahangi		0.11		100	1 14				
	Brugia timori		10.11		The state of the s				1	
	Directions investig Dracunculus medinensis		Mark to the second		handred by the second	1.00				
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2 5	Gorgyloneme pulchrum		100		Property of the same of the sa	100	100		11.	
	Litomossides sigmodordis Los los		BICTO 1	le l	MODEL I	100				
3 2	Crictocerca flesuesa		100		I DE LE					
	Onotocerca schengi Onotocerca rotusis		100		1 10	100			1 1	
	Theiazia collipseda				to different to the second	100		1	3	
	Mucherenia dancrofti Anisakis simpley			-	100				-	-
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	Asceris suum		200 100		Day of the second second	100	1 1 1			
	Penscens equorum Toxocars canis				DEDICATE OF THE	100	i i n	To .	Ta T	
# 2.2 *	Enterobius vermicularis								No.	
	Syphacia mura Romanomermia cullohorax				Market Street	-	-	•		-
	Sobolipiyme balurini		UT II		Mary 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			190	
	Trichinelle nativa Trichinelle spiralis								10	-
	Trichuria muris		E 1		Delta I I I I I I I I I I I I I I I I I I I					
	Trichuria suis									
	PCRs in class 0 ×0	0.1 0.2 0.3	0.4 0.5 >0.75		nber of GPCRs in Compare 0 >0 0.0	0.02	0:03 0:0	4 0.00	30.0	75
		0.2 0.3	0.5 70.75		man an an array or array and a	0.02	0.03 0.0	0.00	-0.0	10
retative to	o all genes (%)			tan	nily relative to all genes (%)					



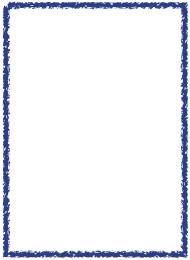


C. elegans

Filarial parasitic nematodes

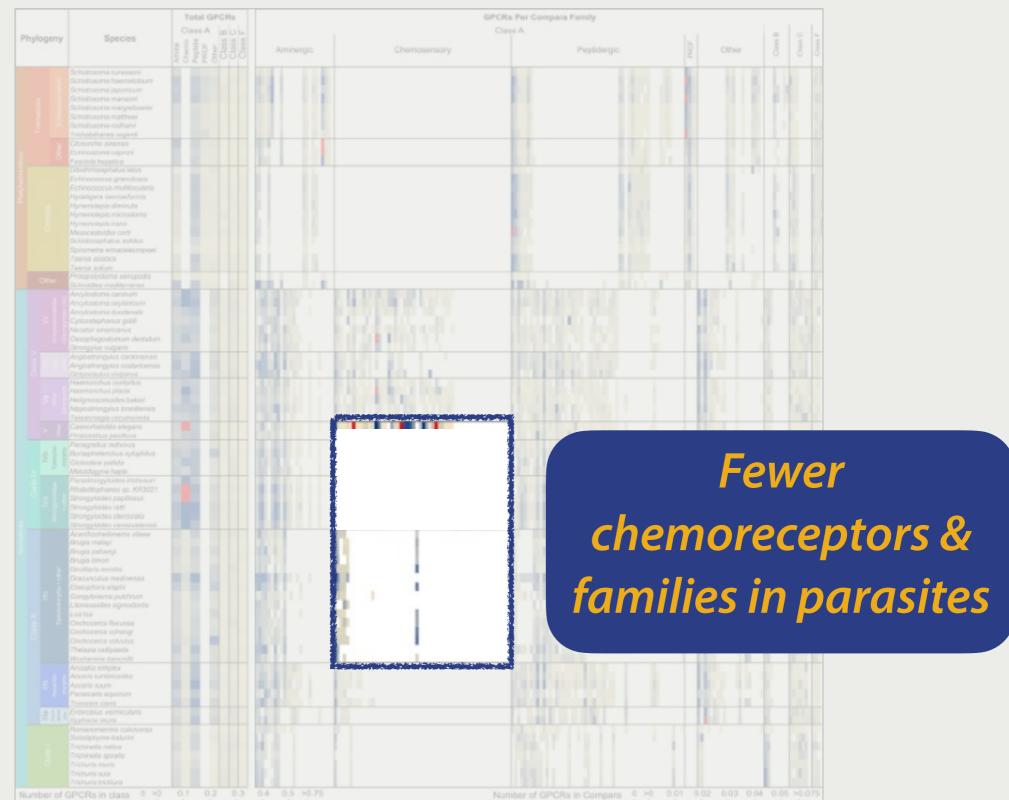




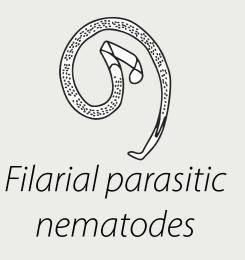


Fewer chemoreceptors & families in parasites

Worm-wide receptor analysis uncovers chemosensory receptors







The number of chemoreceptors in nematodes is correlated to life-history traits

