

<b>Human</b>				<b>A. gambiae</b>				<b>D. melanogaster</b>				<b>C. elegans</b>				<b>T. castaneum</b>			
Gene	chr	symbol	initial position (bp)	Gene	chr	symbol	initial position (bp)	Gene	chr	symbol	initial position (bp)	Gene	chr	symbol	initial position (bp)	Gene	chr	symbol	initial position (bp)
<b><i>inward rectifying potassium channel superfamily (KCNJ)</i></b>																			
ENSG00000162728	1	KCNJ9	160081570	AGAP001280	2R		2263694	FBgn0039061	3R		23168317	WBGene0002149	X		6766579	TC006706	8		16260797
ENSG00000177807	1	KCNJ10	160037467	AGAP001281	2R		2268140	FBgn0039081	3R		23513617	WBGene00002150	X		702974	TC006707	8		16270824
ENSG00000121361	12	KCNJ8	21764955	AGAP001283	2R		2276105												
ENSG00000182324	19	KCNJ14	48455509	AGAP001284	2R		2280076												
ENSG00000187486	11	KCNJ11	17385859																
ENSG00000151704	11	KCNJ1	128836315																
ENSG00000120457	11	KCNJ5	128891356																
<b><i>LAR protein-tyrosine phosphatase-interacting protein (PPFIA)</i></b>																			
ENSG00000143847	1	PPFIA4	203026498	AGAP001469	2R		5341315					WBGene00006364	X		10549123	TC012918	2		3628762
ENSG00000139220	12	PPFIA2	81257975									WBGene00011904	X		13865038				
ENSG00000177380	19	PPFIA3	49119389					FBgn0034720	2R		22333500								
ENSG00000131626	11	PPFIA1	70270700																
<b><i>Golgi Transport (GOLT)</i></b>																			
ENSG00000174567	1	GOLT1A	204198160	AGAP002357	2R		20595150					WBGene00018270	II		4740410				
ENSG00000111711	12	GOLT1B	21501781																
<b><i>glycogen synthase (GYS)</i></b>																			
ENSG00000111713	12	GYS2	21536189																
ENSG00000104812	19	GYS1	48968125	AGAP002586	2R		23292023	FBgn0038293	3R		15141843	WBGene00001793	II		12866448	TC015651	6		6648641
<b><i>Allatostatin/Kiss/Galanin/Spexin (AST,KISS,GAL,SPX)</i></b>																			
ENSG00000170498	1	KISS1	204190341	AGAP003712	2R	ASTA	42302848	FBgn0015591	3R	ASTA	24760530	WBGene00003744	X	NLP-6	17662458				
ENSG00000069482	11	GAL	68683779																
ENSG00000134548	12	SPX	21526307																
<b><i>aspartic protease family (REN, NAPSA, CTSD, CathD)</i></b>																			
ENSG00000143839	1	REN	204154819	AGAP003277	2R		34793432	FBgn0029093	2R		7822111	WBGene00000216	X		6791064	TC004989	2		3124353
ENSG00000143839	19	NAPSA	50358477					FBgn0033933	2R		14390696	WBGene00000217	X		13218977				
ENSG00000117984	11	CTSD	1752752																
<b><i>N-acylneuraminate cytidyltransferase (CMAS)</i></b>																			
ENSG00000111726	12	CMAS	22046174	AGAP004527	2R		57391338									TC015995	8		1531685
				AGAP012963	2R		36867688	FBgn0064123	X	stg-1	21093844					TC006018	8		2899353