

Phylum	Species	Abbreviation	Accession number
Vertebrata	<i>Homo sapiens</i>	H_sap CCKP	AAA53094.1
	<i>Homo sapiens</i>	H_sap gastrinP	P01350
	<i>Gallus gallus</i>	G_gal CCKP	NP_001001741.1
	<i>Gallus gallus</i>	G_gal gastrinP	NP_990731.1
	<i>Emys orbicularis</i>	E_orb CCKP	XP_065256082.1
	<i>Emys orbicularis</i>	E_orb gastrinP	XP_065278504.1
	<i>Xenopus laevis</i>	X_lae CCKAP	NP_001079303.1
	<i>Xenopus laevis</i>	X_lae CCKBP	NP_001079304.1
	<i>Xenopus laevis</i>	X_lae gastrinP	XP_041434916.1
	<i>Carassius auratus</i>	C_aur CCKP	XP_026139952.1
	<i>Danio rerio</i>	D_rer CCKP	XP_002665661.2
Urochordata	<i>Ciona intestinalis</i>	C_int CioninP	P16240
Hemichordate	<i>Saccoglossus kowalevskii</i>	S_kow SK/CCKP	XM_002738068.2
Echinodermata	<i>Apostichopus japonicus</i>	A_jap SK/CCKP	MH636358
	<i>Stichopus horrens</i>	S_hor SK/CCKP	HAMZ01045944.1
	<i>Holothuria leucospilota</i>	H_leu SK/CCKP	KAJ8019420.1
	<i>Strongylocentrotus purpuratus</i>	S_pur SK/CCKP	(97)
	<i>Asterias rubens</i>	A_rub SK/CCKP	ALJ99958.1
	<i>Ophionotus victoriae</i>	O_vic SK/CCKP	ASK86241.1
	<i>Antedon mediterranea</i>	A_med SK/CCKP	(55)

Annelida	<i>Urechis unicinctus</i>	U_uni SKP	QUP52013.1
	<i>Capitella teleta</i>	C_tel SKP	ELT92762.1
	<i>Ridgeia piscesae</i>	R_pis SKP	KAK2156806.1
	<i>Paralvinella palmiformis</i>	P_pal SKP	KAK2141978.1
Mollusca	<i>Aplysia californica</i>	A_cal CCKP	XP_005096263.1
	<i>Crassostrea gigas</i>	C_gig CCKP	(28)
	<i>Crassostrea virginica</i>	C_vir CCKP	XP_022326792.1
	<i>Lymnaea stagnalis</i>	L_sta CCKP	CAL1547016.1
	<i>Bradybaena similaris</i>	B_sim CCKP	BFZ21690.1
	<i>Ambigolimax valentianus</i>	A_val CCKP	BBD49873.1
	<i>Deroceras reticulatum</i>	D_ret CCKP	ARS01390.1
	<i>Biomphalaria glabrata</i>	B_gla CCKP	KAI8761131.1
Arthropoda	<i>Tribolium castaneum</i>	T_cas SKP	EFA04708.1
	<i>Drosophila melanogaster</i>	D_mel SKP	P09040
	<i>Periplaneta americana</i>	P_ame SKP	ALG35946.1
	<i>Drosophila erecta</i>	D_ere SKP	XP_001978781.1
	<i>Neocloeon triangulifer</i>	N_tri SKP	XP_059482729.1
	<i>Myrmeleon formicarius</i>	M_for SKP	CAN8925943.1
	<i>Nilaparvata lugens</i>	N_lug SKP	XP_039279256.1
	<i>Bombyx mori</i>	B_mor SKP	BAG49564.1
	<i>Laodelphax striatellus</i>	L_str SKP	RZF41044.1
	<i>Lycorma delicatula</i>	L_del SKP	XP_075214130.1

Nematoda	<i>Caenorhabditis elegans</i>	C_ele NP12	O01970
	<i>Caenorhabditis auriculariae</i>	C_aur NP12	CAD6186289.1
	<i>Caenorhabditis bovis</i>	C_bov NP12	CAB3407951.1
	<i>Cylicocyclus nassatus</i>	C_nas NP12	CAJ0592938.1
Outgroup	<i>Homo sapiens</i> OrexinP		NP_001515.1
	<i>Mus musculus</i> OrexinP		NP_034540.1
	<i>Apostichopus japonicus</i> OrexinP1		MF401988
	<i>Apostichopus japonicus</i> OrexinP2		MF401989
	<i>Holothuria leucospilota</i> OrexinP1		AWU78772.2
	<i>Holothuria leucospilota</i> OrexinP2		KAJ8019993.1
	<i>Asterias rubens</i> OrexinP1		ALJ99959.1
	<i>Asterias rubens</i> OrexinP2		ALJ99960.1
	<i>Strongylocentrotus purpuratus</i> OrexinP1		XR_973664.2
	<i>Strongylocentrotus purpuratus</i> OrexinP2		XP_011675746.1
	<i>Aplysia californica</i> AllatotropinP		NP_001191666.1

	<i>Lymnaea stagnalis</i> AllatotropinP		CAL1532031.1
	<i>Biomphalaria glabrata</i> AllatotropinP		XP_055869855.1