

Phylum	Species	Abbreviation	Accession number
Vertebrata	<i>Homo sapiens</i>	H_sap CCKR1	NP_000721.1
	<i>Homo sapiens</i>	H_sap CCKR2	NP_795344.1
	<i>Mus musculus</i>	M_mus CCKR1	NP_033957.1
	<i>Mus musculus</i>	M_mus CCKR2	NP_031653.1
	<i>Gallus gallus</i>	G_gal CCKR1	BAJ46148.1
	<i>Gallus gallus</i>	G_gal CCKR2	NP_001001742.1
	<i>Emys orbicularis</i>	E_orb CCKR	XP_065261570.1
	<i>Xenopus laevis</i>	X_lae CCKR	NP_001079277.1
	<i>Danio rerio</i>	D_rer CCKR1	XP_697493.2
	<i>Danio rerio</i>	D_rer CCKR2	XP_017213239.1
Urochordata	<i>Ciona intestinalis</i>	C_int CioR1	Q70SX9
	<i>Ciona intestinalis</i>	C_int CioR2	XP_018670223.1
Hemichordata	<i>Saccoglossus kowalevskii</i>	S_kow SK/CCKR1	XP_006814715.1
	<i>Saccoglossus kowalevskii</i>	S_kow SK/CCKR2	XP_006814705.1
Echinodermata	<i>Ophionotus victoriae</i>	O_vic SK/CCKR	MW261741.1
	<i>Asterias rubens</i>	A_rub SK/CCKR	MW261740
	<i>Strongylocentrotus purpuratus</i>	S_pur SK/CCKR	XP_782630.3
	<i>Apostichopus japonicus</i>	A_jap SK/CCKR	XP_071847465.1
	<i>Holothuria leucospilota</i>	H_leu SK/CCKR	KAJ8028236.1
	<i>Lytechinus variegatus</i>	L_var SK/CCKR	XP_041457523.1

	<i>Acanthaster planci</i>	A_pla SK/CCKR	XP_022079611.1
	<i>Amphiura filiformis</i>	A_fil SK/CCKR	XP_072040880.1
Annelida	<i>Capitella teleta</i>	C_tel CCKR	ELT89517.1
	<i>Glossoscolex paulistus</i>	G_pau CCKR	GBIL01035016.1
Mollusca	<i>Aplysia californica</i>	A_cal CCKR1	XP_012941704.2
	<i>Magallana gigas</i>	M_gig CCKR1	MF787221
	<i>Magallana gigas</i>	M_gig CCKR2	MF787222
	<i>Crassostrea virginica</i>	C_vir CCKR1	XP_022323244.1
	<i>Crassostrea virginica</i>	C_vir CCKR2	XP_022320712.1
	<i>Lottia gigantea</i>	L_gig CCKR1	XP_009047144.1
	<i>Lottia gigantea</i>	L_gig CCKR2	XP_009047126.1
	<i>Ostrea edulis</i>	O_edu CCKR1	XP_048756705.2
	<i>Ostrea edulis</i>	O_edu CCKR2	XP_048778710.1
Arthropoda	<i>Drosophila melanogaster</i>	D_mel SKR1	NP_001097023.1
	<i>Drosophila melanogaster</i>	D_mel SKR2	NP_001097021.1
	<i>Tribolium castaneum</i>	T_cas SKR1	XP_015835017.1
	<i>Tribolium castaneum</i>	T_cas SKR2	XP_972750.1
	<i>Rhodnius prolixus</i>	R_pro SKR1	MK513659
	<i>Rhodnius prolixus</i>	R_pro SKR2	MK513660
	<i>Zophobas morio</i>	Z_mor SKR1	XP_063923366.1
	<i>Zophobas morio</i>	Z_mor SKR2	XP_063903995.1
	<i>Tenebrio molitor</i>	T_mol SKR1	KAJ3631073.1

	<i>Tenebrio molitor</i>	T_mol SKR2	XP_068907312.1
Nematoda	<i>Caenorhabditis briggsae</i>	C_bri CKR1	XP_002640196.1
	<i>Caenorhabditis briggsae</i>	C_bri CKR2	XP_002642853.1
	<i>Caenorhabditis elegans</i>	C_ele CKR1	NP_491918.2
	<i>Caenorhabditis elegans</i>	C_ele CKR2a	ACA81683.1
	<i>Caenorhabditis elegans</i>	C_ele CKR2b	ACA81684.1
	<i>Caenorhabditis remanei</i>	C_rem CKR1	XP_003114892.1
	<i>Caenorhabditis remanei</i>	C_rem CKR2	XP_003103966.1
Out group	<i>Acanthaster planci</i> OrexinR1		XP_022107462.1
	<i>Acanthaster planci</i> OrexinR2		XP_022089610.1
	<i>Strongylocentrotus purpuratus</i> OrexinR1		XP_030838918.1
	<i>Strongylocentrotus purpuratus</i> OrexinR2		XP_030833857.1
	<i>Apostichopus japonicus</i> OrexinR1		XP_071836991.1
	<i>Apostichopus japonicus</i> OrexinR2		XP_071842539.1
	<i>Saccoglossus kowalevskii</i> OrexinR1		NP_001161621.1
	<i>Saccoglossus kowalevskii</i> OrexinR2		XP_002733613.1

	<i>Homo sapiens</i> OrexinR1		NP_001516.2
	<i>Homo sapiens</i> OrexinR2		NP_001517.2
	<i>Gallus gallus</i> OrexinR2		BAD72879.1
	<i>Anolis carolinensis</i> OrexinR2		XP_003226120.2
	<i>Trachemys scripta elegans</i> OrexinR2		XP_034622910.1
	<i>Xenopus laevis</i> OrexR2		XP_018118957.1
	<i>Danio rerio</i> OrexinR2		ABO61386.1
	<i>Branchiostoma belcheri</i> OrexinR1		XP_019619548.1
	<i>Branchiostoma belcheri</i> OrexinR2		XP_019619556.1