.sapiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1	mvlpwlicsvsplrgmp	og -s		cp-				c
.salar_slc39a13_zinc_transporter_ZIP13_precursor .townsendi_SLC39A7_zinc_transporter_SLC39A7	ma	-v		hr-				wlro
.purpuratus_LOC582713_protein_catecholamines_up		-a						
.aculeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2 .salar_slc39a7_zinc_transporter_Slc39a7		-g -h						crk
townsendi_SLC39A13_zinc_transporter_ZIP13		-g -t						
.kowalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra .carpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1	ma	-q		ssr:	kncrncsra	aplcltvpymf	lgsalrrsgl	msagpek
.gangeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13	mt	-a		k				
.laevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1 .carpio_LOC109056796_zinc_transporter_Slc39a7	mg	-1 -s		fi-				qs-ç
.carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2	mg	-r		kkm		at	trk	llrprgl
.rerio_slc39a7_zinc_transporter_Slc39a7_precursor .catus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	mr	-v		fs				ga
.purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1		-1		si-				ssr
.rerio_slc39a13_zinc_transporter_ZIP13 .laevis_slc39a13.S_zinc_transporter_ZIP13	m					у	.psalrrsgl	msagper
.caballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	ma	-r		al-				ga
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .laevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i		-r -r		gl				ga
.canicula_slc39a13_zinc_transporter_ZIP13	mv	-g		qt-				
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .mydas_SLC39A13_zinc_transporter_ZIP13		-r						ga
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	ma	-r		gl-				
.mydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 .caballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1		-p						
.belcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike	mf	-1		trt	1		t-tmaesr	
.catus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .salar_LOC106563524_zinc_transporter_ZIP13_isoform_X2	me	-e		pg				anr
.carpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1	ma	-g		ssr	kncrnfsra	aplcltapymf:	lpstlrrsgl	msagpek
.kowalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP13like								
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .carpio_LOC109044923_zinc_transporter_S1c39a7like_isoform_X2	md	-liasslltscplcsrmlfcr	lcehtfihsflrel	ltrgmgtfi-				
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	ma	-r		gl-				
.salar_ke4_zinc_transporter_SLC39A7_precursor .laevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1	mk	-g		m				
.carcharias_slc39a13_zinc_transporter_ZIP13	mv	-g		qk-				
.gallus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .belcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp		-k -a						
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	ma	-r		gl-				ga
.marinus_SLC39A13_NA .canicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1		-p						
.marinus_SLC39A7_NA	ms	-p		1				2-5-
.sapiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1	0å	20â m-agp-rllflt	40â	60â 1-era	10	80â		
salar_slc39a13_zinc_transporter_ZIP13_precursor	pswa	la-alftgv	allvv-	ssr	ess-gkm			
.townsendi_SLC39A7_zinc_transporter_SLC39A7 .purpuratus_LOC582713_protein_catecholamines_up		hagtfmtvc iv-clll						
aculeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2	pswa	va-allipv	tv-1-111-	11-tsgaa	igshkm			
.salar_slc39a7_zinc_transporter_Slc39a7 .townsendi_SLC39A13_zinc_transporter_ZIP13		al-tlftga rlflhg						
.kowalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra		iv-fllslt	vv-l-cflr	fpev-cgh	ghdhgse-	h	s	hg-hgh
.carpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1	pvwa	fa-mlllga						
.gangeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13 .laevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1		kygc						
.carpio_LOC109056796_zinc_transporter_Slc39a7		r-alflia						
.carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2 .rerio_slc39a7_zinc_transporter_Slc39a7_precursor		thlf k-slllia						
.catus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	phwv	am-glltwa	al-gllva-	gh-ggh	gdlhqdl-	h	e	df-hgh
.purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 .rerio_slc39a13_zinc_transporter_ZIP13		sstflivfg-glifls fa-vlllga						
.laevis_slc39a13.S_zinc_transporter_ZIP13		gg-rilllc	li-c-laf-	ql-sat				
.caballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 .sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		av-glltwa av-glltwa						
.laevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i	wl	ks-gvgc	allva-	if-mfc	clvhtal-	sqah	e	dfhhgh
.canicula_slc39a13_zinc_transporter_ZIP13	rlwt	lg-avfcml av-glltwa	fls	1-ss	idihra	n	akkl	de bak
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .mydas_SLC39A13_zinc_transporter_ZIP13		av-giitwa rfllhg						
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		av-glltwa						
.mydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 .caballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	pgcg	gl-cgpva-tvmvca m-agq-rllflt	al-a-lel-	1-gga	ıg			
.belcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike	ptirlc	aa-avlvff	cv-awsla-	da-hgh	ghahgpg-	gggghr	mhhhd	
.catus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .salar_LOC106563524_zinc_transporter_ZIP13_isoform_X2	pswa	la-tlftga	sqaptpt-p-agl- allvi-	r-apg	:egwqr jvssgekm			sap-sco
.carpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1		fa-vlllga						
.kowalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP131ike .sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	phwv	av-glltwa	tl-gllva-	q1-aah	idlhddl-	a		df-har
.carpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2		r-slllit	vg-m-avc-	qqtlah:	hhh-hg-	hsh	gdsg	gc-hgh
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .salar_ke4_zinc_transporter_SLC39A7_precursor		av-glltwa al-tlfsga						
.laevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1		m-wgg-rvlllc	li-c-laf-	ql-gat				
.carcharias_slc39a13_zinc_transporter_ZIP13 .gallus_SLC39A13_zinc_transporter_ZIP13_isoform_X1		lv-vifcil rga						
.gallus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .belcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp		srlvfv	lliva-	av-gcqa	eihra	k	pqrp	
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	phwv	av-glltwa	tl-gllva-	gl-ggh	dlhddl-	q	e	df-hgh
.marinus_SLC39A13_NA .canicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1		wc-hlvlla qlf						
.marinus_SLC39A7_NA		allrla	llaglvca-	tv-sgq				
sapiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1			140â 	160â		180â		
salar_slc39a13_zinc_transporter_ZIP13_precursor								
townsendi_SLC39A7_zinc_transporter_SLC39A7 purpuratus_LOC582713_protein_catecholamines_up		h						
aculeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2								
.salar_slc39a7_zinc_transporter_Slc39a7 .townsendi_SLC39A13_zinc_transporter_ZIP13		q						
.kowalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra	shd-h-ghdhihdhghs	sq-ddiaaaksrysraaqeqh	ghshggaeph	dhtnhhghgh	-dsec	ihhghs-h	gse-dh	hghs
.carpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1								
.gangeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13 .laevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1	shah	h	ghshg	hhqhah	shho	ghdchghq-h-	sh	qghs
.carpio_LOC109056796_zinc_transporter_S1c39a7	shggvkmh	h	gaskw	saean	phaee	e-ehhghv-h-		-dhd
.carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2 .rerio_slc39a7_zinc_transporter_Slc39a7_precursor	shd-hhghshdh	h h	ghshd gaskw	h-hgh-	-shd-	hhghs-h e-ehhvhd-h	dq	hghs
.catus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	shr-r-sqedfh	h	ghsha	hghgh	-thes	s-iwhght-h-	ghе	hghs
.purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 .rerio_slc39a13_zinc_transporter_ZIP13								
.laevis_slc39a13.S_zinc_transporter_zIP13								
.caballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1		h				and a character of the	-11	hahe

.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .laevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i	shr-h-shedfhshah	hghs	hg		hhghgh	shhg	hdchghg-	hsh	hghs
.canicula_slc39a13_zinc_transporter_ZIP13	shr-h-shedfh								
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .mydas_SLC39A13_zinc_transporter_ZIP13	snr-n-snedIn								
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .mydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	shr-h-shedfhshagh-shedlh								
.caballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .belcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike	dep-thehfy	hgss	yq		eeegh	dheheheh	-hdhghh-	hhh	dhdhm
.catus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .salar_LOC106563524_zinc_transporter_ZIP13_isoform_X2	rgr-h-cspreeaaagaaspatq	rlavpagppspprp	-agaerl	apgapt	sag		pspppp	ilpg	gsapgpp
.carpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1									
.kowalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP131ike .sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	shr-h-shedfh	hahs	 ha		hahah	thes	-iwhaht-	dh	dhahs
.carpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2	shggakmh	hgas	kw		saeanlp	haee	-ehhahd-	h	ghahdl
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .salar_ke4_zinc_transporter_SLC39A7_precursor	shr-h-shedfhshgsqklh	hghs	ha kw		hghgh saeanlr	thes paes	-iwhght- -shhqha-	hdh h	dhghs dhghk
.laevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1									
.carcharias_slc39a13_zinc_transporter_ZIP13 .gallus_SLC39A13_zinc_transporter_ZIP13_isoform_X1									
belcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp									
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .marinus_SLC39A13_NA	shr-h-shedfhssp-h-slpppdssd-aslpsas								
.canicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 .marinus_SLC39A7_NA	shd-hhghshdh								
200	Dâ 220â	240	å		260â		28	0â	
.sapiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .salar_slc39a13_zinc_transporter_ZIP13_precursor									
townsendi_SLC39A7_zinc_transporter_SLC39A7	he-dph-hghshghenh	hhghwhgh-vhe	pahe	dphhg	hsh-		vhshdds-	h	s-hs
.purpuratus_LOC582713_protein_catecholamines_up .aculeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2									
.salar_slc39a7_zinc_transporter_Slc39a7	hd-hahdhghah	dhg		-hdhg	hah-		d	hghdhkees	g-hg
.townsendi_SLC39A13_zinc_transporter_ZIP13 .kowalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra	hgsedh-hghshgs	adnhgh-shg	sn	-khhg	hsh-		dsdghrgh	s1	ngkl
.carpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1		aqt	av	-a-qakt	apag-		p	gI	D-WC
gangeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13 .laevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1	he-dvh-hghsh	qdhhgh-she	et	-qhe	hsh-		sd	k	e-qs
.carpio_LOC109056796_zinc_transporter_Slc39a7 .carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2	hd			-hnhg	hah-		d	h	g-ha
rerio_slc39a7_zinc_transporter_Slc39a7_precursor	hn-hahdhqhah	shq	di	-hdhq	hah-		k	h	g-ha
catus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1	he-dlh-hghshg	q-she	tl	-yhrg	hgh-		d	h	e-hs
rerio_slc39a13_zinc_transporter_ZIP13		iqt	av	-a-qakt	apag-		p	3I	o-ws
.laevis_slc39a13.S_zinc_transporter_ZIP13 .caballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	he-dlh-hghshg								
sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	he-dlh-hghshg	y-she	sl	-yhrg	hgh-		d	h	e-hs
<pre>.laevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i canicula_slc39a13_zinc_transporter_ZIP13</pre>	he-dlh-hghshvhhgh								
sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	he-dlh-hghshg	y-she	sl	-yhrg	hgh-		d	h	e-hs
mydas_SLC39A13_zinc_transporter_ZIP13 sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	he-dlh-hghshg	y-she	1p	-vgka -yhrg	ttg- hgh-		a d	s h	o-1c e-hs
mydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	he-dlh-hghsha	hhshs	he	-dfhg	hgh-		s	h	e-df
caballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 belcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike	he-ptheh								
.catus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	g								
.salar_LOC106563524_zinc_transporter_ZIP13_isoform_X2 .carpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1		aqt	av	-a-qakt	apag-		1	gI	p-wc
kowalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP131ike .sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	he-dlh-hghshg								
.carpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2	ahdhghahdhg-hahdhghah	dhg	ha	-hdhg	hah-		d	hghth	i-ha
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .salar_ke4_zinc_transporter_SLC39A7_precursor	he-dlh-hghshg							es	g-hg
.laevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1									
.carcharias_slc39a13_zinc_transporter_ZIP13 .gallus_SLC39A13_zinc_transporter_ZIP13_isoform_X1		aqt	qa	-p-talt	vkhlqpkgf	iihlnksn	p	y	g-hi
.belcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	he-dlh-hghshg								
.marinus_SLC39A13_NA	d	ssq	ah	-rkrg-	fsg-		a	ар	-ghqggrd
.canicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 .marinus_SLC39A7_NA	hdh-hghshd	h-vdd	lt npadk	-ghsy -vhkk	pgd- hve-		n	h	g-hs c-ta
300	Dâ 320â	340	â		360â		38	0â	
.sapiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1 .salar_slc39a13_zinc_transporter_ZIP13_precursor				-pdello	g	fq	a-ia	df-faserac	dvwlc
.townsendi_SLC39A7_zinc_transporter_SLC39A7 purpuratus_LOC582713_protein_catecholamines_up	hg	a		-qqr	>	sapkplla	kppv	rr-erlepvo	alwty
aculeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2						dc	l-qa	nv-fysehll	nvwll
salar_slc39a7_zinc_transporter_Slc39a7 townsendi_SLC39A13_zinc_transporter_ZIP13	ht			-gge				eg-ekrdive	
kowalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra				-rdeipr	n	ps	k-ag	nn-kkadtft	mwle
carpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1 gangeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13				-ikdlld	i	v	ld	ki-fsidnlo nl-fsaerlo	ivwfy dawic
laevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1	hv	vqeer	tkreaat	gdn:	L	ih	n-hg	sr-ekmepvo	alwty
<pre>carpio_LOC109056796_zinc_transporter_Slc39a7 carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2</pre>	he	n y		-gae -lke	eehegksrwtc	qmk aa	s-dv apevp-gg	ea-gkrnmve rp-evsnpve	elwmq
rerio_slc39a7_zinc_transporter_Slc39a7_precursor	hd	h		-gae	9	ksk	k-vv	ea-gkrnmve	elwmq
catus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1	hg			-dle		td	df	tn-navsqte	eawiv
rerio_slc39a13_zinc_transporter_ZIP13 laevis_slc39a13.S_zinc_transporter_ZIP13				-ikdlv	i	1q	y-ld	el-msidnlo	dvwfc
caballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	hg	g		-yge		sg	а-рд	ik-qdldtvt	lway
<pre>sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor laevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i</pre>	hg								
canicula_slc39a13_zinc_transporter_ZIP13				-penvfe		1r	s-ws	el-fsgerv	dawic
sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor mydas_SLC39A13_zinc_transporter_ZIP13	hg								
sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	hg	g		-yge		sg	a-pg	ik-qdldavt	lway
mydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 caballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	hg			-nke	9	se	s-wq	al-lsgerld	itwic
belcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike	hh	h		-eee		vk	t-sg	rg-qqrdtmt	iwls
catus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 salar_LOC106563524_zinc_transporter_ZIP13_isoform_X2	sgqvpcdvaalrgrlrag			-pdeflo	y	fa	a-la	df-faserac	dvwlc
.carpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1				-ikdlld	i	1q	y-ld	el-fsidnlo	dvwfc
kowalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP131ike sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	hg								
.carpio_LOC109044923_zinc_transporter_S1c39a7like_isoform_X2	hd	h		-aae		rls	r-dv	ea-gkrnmve	elwmq
.sapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	hg	y		-aae	 	rg	a-pg	eg-ekrdive	elwmq
.salar_ke4_zinc_transporter_SLC39A7_precursor .laevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1		11							

elcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp	h.c.a	
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA	srpdavpvgddddnddg	gygesga-pgik-qdidavtiway -eappspas-wlsl-dwdgrlgawvl
anicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1	qqq	atp-eggt-avsnpfelwsq
	qqq	e-lhap-errdvatvwmq
400 apiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1		440â 460â 480âsllgslmvglsgvfpllviplemgtm
alar_slc39a13_zinc_transporter_ZIP13_precursor		sllgsvavgltgifpllvipieagea
ownsendi SIC3917 zinc transporter SIC3917		aigat llisaanycilflinyesnss
urpuratus_LOC582713_protein_catecholamines_up		aigatvlisaapfvilfvipldkgre slvgsiavglsgifpllvipieagaa
culeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_Slc39a7		sivgsiavgisgifplivipieagaa aigatllisaapflilflipvqsntd
ownsendi SLC39A13 zinc transporter ZIP13		slvgsvvvglsgvlplliiplesgaa
owalevskii LOC100372977 PREDICTED LOW QUALITY PROTEIN zinc tra		algstylisaapffilffipigsnta
arnio IOC109093902 gine transporter 7TD131ike isoform V1		slvgsiaiglsgifpllvipieagtt
angeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13		sligswaylsgvlpllvipletgat aicatllisaapffilflipvqsnss
nevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1 nrpio_LOC109056796_zinc_transporter_Slc39a7		arcatilisaapiiliiipydsnss aigatllisaapflilflipydsntd
archarias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2		aigatriisaapfiiffipvesnts
erio slc39a7 zinc transporter Slc39a7 precursor		aigatllisaapflilflipygsntd
		algatvlisaapffvlflipvesnsp
urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1		algatvlvglsgivplf-lpieidps slvgsiaiglsgifpllvipieagta
erio_slc39a13_zinc_transporter_ZIP13 nevis_slc39a13.S_zinc_transporter_ZIP13		sivgs:aig:sg:rp:rv:pieagta siigsllvglsgvfpllvipieagae
ballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1		algatylisaapffylflipvesnsp
piens SLC39A7 zinc transporter SLC39A7 isoform 1 precursor		algatylisaapffylflipvesnsp
nevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i		aicatllisaapffilflipygsnss
nnicula_slc39a13_zinc_transporter_ZIP13		sligsvivglsgifpllvipieagaa
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		algatvlisaapffvlflipvesnspsligsvmvglsgvfpllvvpletgta
priens SLC39A7 zinc transporter SLC39A7 isoform 1 precursor		algatylisaapffylflipyespsp
das_SLC39A7_zinc_transporter_SLC39A7_isoform_X1		aigatllisaapyfilflipvesnts
ballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1		sllgslmvglsgvfpllviplemgtt
		sltatalisaapviillfipleanta
utus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 ular_LOC106563524_zinc_transporter_ZIP13_isoform_X2	aaaaartwnawmsipwlwhggpeapllhcscprapg	rgwgfpagpeepgacrglssrqqrkrilggpaewgeaghldllppglthggaqwglpta slvgsvavglsgifpllvipieagaa
arpio_LOC109094209_zinc_transporter_ZIP13_isoform_X2		sivgsvavgisgiipiivipieagaa slvgsiavglsgvfplivipieagta
walevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP13like		
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		algatvlisaapffvlflipvesnsp
arpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2		aigatllisaapflilflipvqsntd
upiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor ular_ke4_zinc_transporter_SLC39A7_precursor		algatvlisaapffvlflipvesnsp aigatllisaapffilflipvqsntd
nevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1		siigsllvglsgvfplliipietgae
urcharias_slc39a13_zinc_transporter_ZIP13		sligsymyglsgifpllvipjeagaa
ullus SLC39A13 zinc transporter ZIP13 isoform X1		avlsdplaarwshfflaffpikvsts
elcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp		sflgsvavgmcgvfpllvipleagpa
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		algatvlisaapffvlflipvesnsp glggaclvglsgvlpillipentgah
nrinus_SLC39A13_NA nicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1		igatylicaanffilffinyoente
arinus_SLC39A7_NA		algatllisaapflilflvpldsdsa
500)å 520å	540å 560å 580å
piens_SLC39A13_zinc_transporter_ZIP13_isoform_X1	lr-seagawrlkqllsfalggll	gnvflhllpeawayt
		gdvflhllpeawahs
ownsendi_SLC39A7_zinc_transporter_SLC39A7	qhqallkillsfasggil	gdaflhliphaleph
urpuratus_LOC582713_protein_catecholamines_up culeatus_slc39a13_zinc_transporter_ZIP13_isoform_X2		gdariniiphsisph
alar_slc39a7_zinc_transporter_slc39a7	ahanlikvilsfasagil	gdaflhliphaleph
ownsendi_SLC39A13_zinc_transporter_ZIP13	lk-seegshrmkqllsfaiggll	gnvflhllpeawayt
		gdaflhliphaisph
arpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1	lk-teagcqklkkllsfaiggll	gdvflhllpeawayt
angeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13 nevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1		gnvflhmlpeawayt
arpio_LOC109056796_zinc_transporter_Slc39a7		gdafihliphaleph
archarias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2	khkcllkvllsfasggll	gdaflhliphaleph
erio_slc39a7_zinc_transporter_Slc39a7_precursor	qhqnllkvllsfasggll	gdaflhliphaleph
		gdaflhliphaleph
urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1	a-n-dergaakinciisiavggii	gdvfihllpeawahi
erio_slc39a13_zinc_transporter_ZIP13 nevis_slc39a13.S_zinc_transporter_ZIP13	lk-teagcqkikkiisiaiggii	gdvfiniipeawayt
		gdaflhliphaleph
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	rhrsllqillsfasggll	gdaflhliphaleph
	qhqsllklllsfasggll	gdaflhliphaleph
nicula_slc39a13_zinc_transporter_ZIP13		gdvflhllpeawayt
upiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor rdas_SLC39A13_zinc_transporter_ZIP13		gdaflhliphaleph
das_SLC39A13_zinc_transporter_Z1F13 upiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	rhrsllgillsfasggll	gnviiniipeawayt
das_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	ghgallrlllsfasggll	gdaflhliphalvph
ballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	lr-seagarrlkqllsfalggll	gnvflhllpeawayt
		gdaflhliphatsph
		gnvflhllpeawayt
rpio_LOC109593524_zinc_transporter_ZIP13_isoform_X2.	l-k-teaccaklkkllsfaicall	gdvfihilpeawans
walevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP13like		
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	rhrsllgillsfasggll	gdaflhliphaleph
rpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2	qhqnllkvllsfasggll	gdaflhliphaleph
	rhrsllqillsfasggll	gdaflhliphaleph
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor		pairntiphalvph
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor .lar_ke4_zinc_transporter_SLC39A7_precursor	qnknllkvllsfasggll	dwflhllnoawaut
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13.1_zinc_transporter_ZIP13_isoform_Xl	lr-seknsqrlkrllsfaiggll	gdvflhllpeawayt
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13_L_zinc_transporter_ZIP13_isoform_X1 rcharias_slc39a13_zinc_transporter_ZIP13	lr-seknsqrlkrllsfaiggll	
piens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13.1_zinc_transporter_ZIP13_isoform_X1 rcharlas_slc39a13_zinc_transporter_ZIP13 llus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	lr-seknsqrlkrllsfaiggll- pallsprdgavspqrgly- l-r-kgahagrlkmlsfavgall	
plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1 precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 rcharlas_slc39a13.zinc_transporter_ZIP13 llus_SLC39A31.zinc_transporter_ZIP13_isoform_X1 lcheri_LOC109463185_PREDICIED_LOW_QUALITY_PROTEIN_zinc_transp plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1 precursor	lr-seknsqrlkrllsfaigglll-k-skdgsqrlkrllsfaiggllpallsprdgavsvpqrglylr-kgahagrlklmlsfavgallrhrsllqillsfasggl	- gdvflhllpeawayt - gdvflhllpeawayt Lpsggeprprpappgrpvalrrqealptppprwwpearaacprrgggagaeeagtdva - gdvflllpeawlhr - gdaflhliphaleph
plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13.1_zinc_transporter_ZIP13_isoform_X1 rcharlas_slc39a13.zinc_transporter_ZIP13 llus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 lcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor rinus_SLC39A13_NA	l-r-seknsqrlkrllsfaiggllpallsprdgavsypqrglyl-r-kgahagrlkmlsfavgallrhygahagrlflsfasggll	- gdvflhllpeawayt - gdvflhllpeawayt - gdvflhllpeawayt - gdvflhllpeawlhr - gdaflhlipeawlhr - gdvflhllpeawlhr - gdvflhllpetwdhg
plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor evis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 rcharlas_slc39a13_zinc_transporter_ZIP13_isoform_X1 llus_SLC39a13_zinc_transporter_ZIP13_isoform_X1 lcheri_LoC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor rinus_SLC39A13_NA nicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1		- gdvflhllpeawayt - gdvflhllpeawayt tpsggeprprpappgrpvpalrrqealptppprwwpearaacprrgggagaeeagtdva - gdvflhllpeawlhr - gdaflhliphaleph - gdvflhllpetwdp - gdaflhliphaleph
plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ke4_zinc_transporter_SLC39A7_precursor levis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 rcharlas_slc39a13_zinc_transporter_ZIP13_isoform_X1 llus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 plens_SLC39A7_zinc_transporter_ZIP13_isoform_X1 plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor rinus_SLC39A13_NA mlcula_slc39a7_zinc_transporter_slc39a7_isoform_X1		- gdvflhllpeawayt - gdvflhllpeawayt tpsggeprprpappgrpvalrzqealptppprwpearaacprrgggagaeeagtdva - gdvflhllpeawlhr - gdaflhliphaleph - gdvflhllpetwqhg - gdaflhliphaleph - gdaflhliphaleph - gdaflhliphaleph
upiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lar_ked_zinc_transporter_SLC39A7_precursor levis_slc39a13.t_zinc_transporter_ZTP13_isoform_X1 urcharias_slc39a13.zinc_transporter_ZTP13 ullus_SLC39A13.zinc_transporter_ZTP13_isoform_X1 ulcheri_Loc109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp upiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor urinus_SLC39A13_NA unicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 urinus_SLC39A7_NA 600		
uplens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lalar_ke4_zinc_transporter_SLC39A7_precursor levis_slc39a13_i_zinc_transporter_ZTP13_isoform_X1 urcharias_slc39a13_zinc_transporter_ZTP13_isoform_X1 llus_SLC39A13_zinc_transporter_ZTP13_isoform_X1 llus_SLC39A13_zinc_transporter_ZTP13_isoform_X1 urc_transporter_SLC39A7_isoform_1_precursor urinus_SLC39A1_zinc_transporter_SLC39A7_isoform_X1 urinus_SLC39A7_zinc_transporter_Slc39a7_isoform_X1 urinus_SLC39A7_XA defined the substantial urinus_SLC39A13_zinc_transporter_ZIP13_isoform_X1		- gdvflhllpeawayt - gdvflhllpeawayt tpsggeprprpappgrpvalrzqealptppprwpearaacprrgggagaeeagtdva - gdvflhllpeawlhr - gdaflhliphaleph - gdvflhllpetwqhg - gdaflhliphaleph - gdaflhliphaleph - gdaflhliphaleph
uplens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor ular_ke4_zinc_transporter_SLC39A7_precursor uevis_slc39a13.t_zinc_transporter_ZIP13_isoform_X1 urcharias_slc39a13.zinc_transporter_ZIP13_isoform_X1 ulcherias_slc39a13_zinc_transporter_ZIP13_isoform_X1 ulcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp uplens_SLC39A7_zinc_transporter_SLC39A7_isoform_1 precursor urinus_SLC39A13_NA unicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 urinus_SLC39A7_NA 600 uplens_SLC39A13_zinc_transporter_ZIP13_isoform_X1 ular_slc39a13_zinc_transporter_ZIP13_precursor		
uplens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor lalar_ke4_zinc_transporter_SLC39A7_precursor levis_slc39a13_t_zinc_transporter_ZTP13_isoform_X1 urcharias_slc39a13_zinc_transporter_ZTP13_isoform_X1 urcharias_slc39a13_zinc_transporter_ZTP13_isoform_X1 urcharias_slc39a7_zinc_transporter_SLC39A7_isoform_1_precursor urinus_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor urinus_SLC39A1_zinc_transporter_Slc39a7_isoform_X1 urinus_SLC39A7_XInc_transporter_Slc39a7_isoform_X1 urinus_SLC39A7_XINc_transporter_Slc39a7_isoform_X1 urinus_SLC39A1_zinc_transporter_Slc39a7_isoform_X1 uplens_SLC39A1_zinc_transporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_Slc39A7_urchariasporter_urchariasporter_up		
<pre>spiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1 precursor alar_ked_zinc_transporter_SLC39A7_precursor alexis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 archarias_slc39a13.zinc_transporter_ZIP13_isoform_X1 allus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 alcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp plens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arcinus_SLC39A13_NA ancioula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 arcinus_SLC39A7_NA 600 aprints_SLC39A7_zinc_transporter_ZIP13_isoform_X1 alar_slc39a13_zinc_transporter_ZIP13_precursor womsendi_SLC39A7_zinc_transporter_SLC39A7 prupartus_LOC582713_protein_catecholamines_up ulcatus_slc39a13_zinc_transporter_ZIP13_isoform_X2</pre>		
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor alar_ke4_zinc_transporter_SLC39A7_precursor aevis_slc39a13.t_zinc_transporter_ZTP13_isoform_X1 archarias_slc39a13.zinc_transporter_ZTP13_isoform_X1 allus_SLC39A13.zinc_transporter_ZTP13_isoform_X1 alcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA anicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 arinus_SLC39A13_zinc_transporter_ZTP13_isoform_X1 alar_slc39a13_zinc_transporter_ZTP13_precursor ownsendi_sLC39A7_zinc_transporter_ZTP13_precursor purpartus_LOC582713_protein_catecholamines_up culeatus_slc39a13_zinc_transporter_ZTP13_isoform_X2 alar_slc39a13_zinc_transporter_ZTP13_isoform_X2 alar_slc39a13_zinc_transporter_ZTP13_isoform_X2 alar_slc39a13_zinc_transporter_ZTP13_isoform_X2 alar_slc39a7_zinc_transporter_ZTP13_isoform_X2 alar_slc39a7_zinc_transporter_ZTP13_isoform_X2 alar_slc39a7_zinc_transporter_ZTP13_isoform_X2		
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor alar_ke4_zinc_transporter_SLC39A7_precursor alar_ke4_zinc_transporter_SLC39A7_precursor aveis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 archarlas_slc39a13_zinc_transporter_ZIP13_isoform_X1 alcheri_LoC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transpapiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA anicula_slc39a7_zinc_transporter_Slc39a7_zisoform_X1 arinus_SLC39A7_xinc_transporter_ZIP13_isoform_X1 apiens_SLC39A7_xinc_transporter_ZIP13_isoform_X1 alar_slc39a1_zinc_transporter_ZIP13_precursor commendis_SLC39A7_zinc_transporter_ZIP13_isoform_X2 urpuratus_LoC582713_protein_catecholamines_up culeatus_slc39a1_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a1_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a7_zinc_transporter_ZIP13_is		
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_I precursor alar_Ke4_zinc_transporter_SLC39A7_precursor alar_Ke4_zinc_transporter_SLC39A7_precursor aveis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 archarlas_slc39a13_zinc_transporter_ZIP13_isoform_X1 allus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 elcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transporter_SLC39A7_isoform_i_precursor arinus_SLC39A13_NA anicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1 alarinus_SLC39A7_NA		
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor alar_ke4_zinc_transporter_SLC39A7_precursor avis_slc39a13.t_zinc_transporter_ZIP13_isoform_X1 archarias_slc39a13.zinc_transporter_ZIP13_isoform_X1 allus_SLC39A13.zinc_transporter_ZIP13_isoform_X1 allus_SLC39A13.zinc_transporter_ZIP13_isoform_X1 allus_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA anicula_slc39a7_zinc_transporter_SLC39A7_isoform_X1 arinus_SLC39A13_xNA anicula_slc39a7_zinc_transporter_ZIP13_isoform_X1 arinus_SLC39A7_XNA 600 apiens_SLC39A13_zinc_transporter_ZIP13_precursor ownsendi_SLC39A7_zinc_transporter_ZIP13_isoform_X2 alar_slc39a13_zinc_transporter_ZIP13_isoform_X2 alar_slc39a13_zinc_transporter_ZIP13_isoform_X2 alar_slc39a13_zinc_transporter_ZIP13_isoform_X2 alar_slc39a13_zinc_transporter_ZIP13_isoform_X2 alar_slc39a13_zinc_transporter_ZIP13 ownsendi_SLC39A13_zinc_transporter_ZIP13 awlevskii_LoC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra arpio_LOC10903802_zinc_transporter_ZIP13like_isoform_X1 arpeticus_SC39A13_relocTED_zinc_transporter_ZIP13 arpeticus_SC39A13_relocTED_zinc_transporter_ZIP13 arpeticus_SC39A13_relocTED_zinc_transporter_ZIP13 arpeticus_SC39A13_relocTED_zinc_transporter_ZIP13 arpeticus_SC39A13_relocTED_zinc_transporter_ZIP13 arpeticus_CTANSPORTER_SIP13		

carcharias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2	shse	a- ₁	p	eps-hshsg	npdinhdhsh	gdhghd	-hshvmsvglwvlagi
catus SLC39A7 zinc transporter SLC39A7 isoform X1	shhsshpl		n		ahahsh-	ea	-aanilevalwyleai
purpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1	dhd				dy-		-ngqitvglwvifgm
rerio_slc39a13_zinc_transporter_ZIP13 Laevis_slc39a13.S_zinc_transporter_ZIP13	ssp	g-	+		gsh-		rhyctqglwviggl
aballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	shhpg	eh-ı	n		ahahsh-	sa	aanilsvalwylsai
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	sht1svheav	eq-	p		ghghsh-	sg	qgpilsvglwvlsgi
anicula slc39a13 zinc transporter ZIP13	cns	n-ı	p		dashsr-		-kaarklalwvival
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	shhtl	ea-1	p		ghghsh-	sa	aapilsvalwylsai
ydas_SLC39A13_zinc_transporter_ZIP13	csashhtl	t-a	a		gggqsl-		qqqqllglwviigf
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor ydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	shhaegghahsl	hsptvs-	p		gngnsn-	ggad	ihqrmmavqlwvlaqi
aballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	csa	s-	pq	g	gegqsl-		qqqqqlglwviagf
elcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike atus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	thgde	d-l	hgl	hghgh ~	shghghsh-	ggdhg	-hshdigvglwviagi
alar LOC106563524 zinc transporter ZIP13 isoform X2	hsc	s-ı	a		desa-		-lhvrtaalwvimam
owalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP13like	srp						
	shhtlshhg						
apiens SLC39A7 zinc transporter SLC39A7 isoform 1 precursor	shhtl	ea-1	a		ahahsh-	sa	-aapilsvalwvlsai
alar_ke4_zinc_transporter_SLC39A7_precursor	shhgcsa	d-	e	ghg-hshdsee	sqdhghsh-	gaa	hghmmsvglwvlggi
aevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 archarias_slc39a13_zinc_transporter_ZIP13	csa	t-1	p		gsyqsı-		qqqriigiwviigi kaarklalwvival
allus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	grgaagrgrpapsggwmaasergta	a-	1		gegqsf-		qqqkllglwviigf
elcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp	gdpshhtl	g-			eek-		-hghnwvglwtiagi
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA	cc	eq-	p		gngnsn-	sg	-qgpiisvgiwvisgi tqqaqlwvtvql
anicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1	phie	a-	a	ehs-hshld	npdikhshe	eahdhd	-hshvmavglwvlagi
700	shhs)â 720â	740	â	760a		780â	
piens SLC39A13 zinc transporter ZTP13 isoform X1	ltflalekmfldskeeg-tsgap-n-k-dp-	t	a				
alar slc39a13 zinc transporter ZIP13 precursor	lsflllenmfpdensgedsigss-g-hv-	p	t				s-hss
irpuratus LOC582713 protein catecholamines up	vaflvvekfvrhvkgshghshatilfllvekfvrlvkgdgahshsh-g-ht-	e	k				a-kve
culeatus slc39a13 zinc transporter ZIP13 isoform X2	laflllekmfpdkdshedlpsds-d-lnsn-	s	a				
alar slc39a7 zinc transporter Slc39a7	vaflvvekfvrllkgghghshsg-aa						pk
ownsendi_SLC39A13_zinc_transporter_ZIP13 owalevskii_LOC100372977_PREDICTED_LOW_QUALITY_PROTEIN_zinc_tra	ltflslqkmfpdhekqegsslvs-d-s-va- iaflmvekfvrvvkgghghshsh-g-hs-l	h	p	aggee			rkded
arpio LOC109093802 zinc transporter ZIP13like isoform X1	lsflilekvfpdfdsdpeskaac-g-rt-l	k	s				sst
angeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13	ltflvlekifpendeqdrlstds-d-s-ra- iaflvvekfvrhlkgehghghsh-a-ak-		p				
nevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1 arpio_LOC109056796_zinc_transporter_Slc39a7	iaflvvekfvrhlkgehghghsh-a-ak-e vaflvvekfvrllkgghshshsh-aa-	e	s				lad
archarias_LOC121291098_zinc_transporter_SLC39A7like_isoform_X2	iaflvvekfvrhvkgghshghth-a-aa-						pk
erio_slc39a7_zinc_transporter_Slc39a7_precursor	vaflvvekfvrllkgghshshsh-s-p-sa-						pk
atus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1	vaflvvekfvrhvkgghghshgh-g-ha-l vlflsiekifgeeeaesscpkee-q-ngg	h iktaimo	gI	ptqgghghgrqer- 	kati		lnga-pst
erio slc39a13 zinc transporter ZIP13	msfltlekmfpdevadpetktsf-a-rt-	t	s				sss
aevis_slc39a13.S_zinc_transporter_ZIP13	lgflilektfsdknheeqvdstt-p-kv-vaflvvekfvrhvkgghghshgh-g-ht-l	·	a	h h h h h			h - h
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	vaflvvekfvrhvkgghghshgh-g-ha-l	h	sl	htrashaharaer-			stk
aevis_slc39a7.L_solute_carrier_family_39_member_7_L_homeolog_i	iaflvvekfvrhlkgehghghsh-a-ak-	e	k				ivd
anicula_slc39a13_zinc_transporter_ZIP13 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	laffilekvfpdkdedteyhkkp-f-qtkntl-dvaflvvekfvrhvkgghghshgh-g-ha-	q	n	grfgvdk- htrachaharaor-	aikrlkngk		vips-ast
vdas SLC39A13 zinc transporter ZIP13	ltflalekmflesekgewpstgn-n-s-ka-		a				
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	vaflvvekfvrhvkgghghshgh-g-ha-l vaflvvekfvrhmkgghghghsh-gghs-l	h	sl	htrashaharaer-			stk
ydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 aballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	ltflvlekmfldskekegtsqap-s-k-dp-	n	a				tk
alabari 100100492456 DEPUTCED protein actachalamines unlike	1 of 1 i wale from welcook ab abana a b to 1	la.				le .	
atus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	ltflalekmfldskekegtsqap-s-k-dp		a				
alar_LOC106563524_zinc_transporter_ZIP13_isoform_X2 arpio_LOC109094209_zinc_transporter_ZIP13_isoform_X1	lsflllekmfpdensqedsigns-q-hv-plsflilekvfpdedsdpeskats-q-rt-	e	s				cst
owalevskii_LOC102808884_PREDICTED_zinc_transporter_ZIP13like							
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	vaflvvekfvrhvkgghghshgh-g-ha-l vaflvvekfvrllkgghshshsh-aa-	h	sh	htrgshghgrqer-			stk
arpio_LOC109044923_zinc_transporter_Slc39a7like_isoform_X2 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor	vaflvvekfvrhvkgghghshgh-g-ha-	h	sl	htrgshghgrger-			pk
alar_ke4_zinc_transporter_SLC39A7_precursor	vaflvvekfvrllkeghghghsh-aa-						pk
aevis_slc39a13.L_zinc_transporter_ZIP13_isoform_X1 archarias_slc39a13_zinc_transporter_ZIP13	lsflilektfsdekheeqvdttt-t-kv laffilekvfpdkeedteyhktkktl-d	~	a		o i leb blen mle		line set
allus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	ltflalekiflekeeeecpgvgc-d-y-ka-		p	giivevak-	aikiiiikiiik		iips-asc
elcheri_LOC109463185_PREDICTED_LOW_QUALITY_PROTEIN_zinc_transp	msflimektftdtagddkadsqe-t-se-	e	hrı	ntph-kgngslppyq-	dvsqirr	rslhekd	s-sgs
apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor arinus_SLC39A13_NA	vaflvvekfvrhvkgghghshgh-g-ha-l ltflvlekvfpdvdedeppatng-v-as-	n	sl	ntrgshghgrqer-			stk
anicula_slc39a7_zinc_transporter_Slc39a7_isoform_X1	iaflavekfvrhvkgghshahsh-a-at-						pk
arinus_SLC39A7_NA	ivflavemfvrhikgshghgh-s-hs-h	h	ge	ekqekgakk-			sdk
800 apiens_SLC39A13_zinc_transporter_ZIP13_isoform_X1		840		860å aaaaln-gghc-	la	880â	an
lar_slc39a13_zinc_transporter_ZIP13_precursor	ds:	sse-		alshin-ghhs-	dt	ws-	sss
	vk	csdde-	-eeke	-spr-gage-	ka	as	rrk
	si:						
lar_slc39a7_zinc_transporter_Slc39a7	ak	esdge	-kkkk	ne-gekd-	lke	nk-	de
	da						
rpio_LOC109093802_zinc_transporter_ZIP13like_isoform_X1	al:	ssevs		vspktn-gics-	nn	nad	iskp
ngeticus_SLC39A13_PREDICTED_zinc_transporter_ZIP13				akrvpn-gssf-	spqkatst	tvqrtg-tgv	tqcn
nevis_slc39a7.S_zinc_transporter_SLC39A7_isoform_X1 arpio_LOC109056796_zinc_transporter_Slc39a7	d	ateke	-eekdpo	gkd-gvrhrk-kgns-	ta	a-	qk
	ak	essee	-ednk-	-hgepr-ggvr-	-rua	as-	dkdk
	sk	dsdee	-ddkk	g-q-kk-gekd-	kv	vs-	qq
	ekeiangekshhrplngfdkngmlrrkplngnscnie						
tus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1	dl:	ssqfs		vspqtn-gics-	nn	nsd	lskp
utus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 urio_slc39a13_zinc_transporter_ZIP13				reslmn-gkhk-	nn		sk
tus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 rpuratus_LOC584043_zinc_transporter_ZTP13_isoform_X1 rio_slc39a13_zinc_transporter_ZTP13 evis_slc39a13.S_zinc_transporter_ZTP13							
atus_SLG39A7_zinc_transporter_SLG39A7_isoform_X1 urpuratus_LGC584043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 abaj_slc39a13_zinc_transporter_ZIP13 abajlus_SLG39A7_zinc_transporter_SLG39A7_isoform_X1	ek		-eekdp	gkd-gvrqrk-kgss-	tv		qk
atus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_L0C584043_zinc_transporter_ZIP13_isoform_X1 ario_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13.s_zinc_transporter_ZIP13 aballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_L0recursor aevis_slc39A7_zinc_transporter_SLC39A7_isoform_L0recursor aevis_slc39A7_zinc_transporter_SLC39A7_isoform_L0recursor	ek	areke		ciqpin-gych-	s		sa
atus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 prio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_s_zinc_transporter_ZIP13 aballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor aevis_slc39a7_zinc_transporter_SLC39A7_isoform_1_transporter_SLC39A7_isoform_1_precursor aevis_slc39a7_zinc_transporter_ZHD13_9_member_7_L_homeolog_i anicula_slc39a13_zinc_transporter_ZHP13		ngs-		to a console	greate		,vr
atus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC594043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_sc_rinc_transporter_ZIP13 aballus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_Lprecursor aevis_slc39a7_zinc_transporter_SLC39A7_isoform_Lprecursor aevis_slc39a7_zinc_transporter_ZIP13 anicula_slc39a13_zinc_transporter_ZIP13 apiens_SLC39A7_zinc_transporter_ZIP13 apiens_SLC39A7_zinc_transporter_ZIP13	ek	ngs- qssee	-eeke	-tr-gvqkrr-ggst-			nagen
atus_SLG39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_xinc_transporter_ZIP13 aevis_slc39a13_xinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor aevis_slc39a7_zinc_transporter_Tip13_member_7_L_homeolog_i anicula_slc39a13_zinc_transporter_ZIP13 apiens_SLC39A7_zinc_transporter_ZIP13		ngs- qssee qssee	-eeke- -eeke-	-tr-gvqkrr-ggst- srgtpn-gnsf- -tr-gvqkrr-ggst-	slqkvagl	kvqrak-tnm dgp	vr
atus_SLG39A7_zinc_transporter_SLG39A7_isoform_X1 upupratus_LOC594043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_zinc_transporter_ZIP13 aevis_slc39a7_zinc_transporter_SLG39A7_isoform_X1 apiens_SLG39A7_zinc_transporter_SLG39A7_isoform_Iprecursor aevis_slc39a7_zinc_transporter_ZIP13 apiens_SLG39a13_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_ZIP3 apiens_SLG39A7_zinc_transporter_ZIP3 apiens_SLG39A7_zinc_transporter_ZIP3 apiens_SLG39A7_zinc_transporter_ZIP3	-ek	ngs- qssee qssee sssge	-eeke -eeke	-tr-gvqkrr-ggst- srgtpn-gnsf- -tr-gvqkrr-ggst- gpqerk-agkv-	slqkvagh vpk	kvqrak-tnm dgp dkaap	vr kkr
atus_SLG39A7_zinc_transporter_SLG39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_zinc_transporter_SLG39A7_isoform_X1 apiens_SLG39A7_zinc_transporter_SLG39A7_isoform_L1_precursor aevis_slc39a7_zinc_transporter_SLG39A7_isoform_1_precursor aevis_slc39a7_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_SLG39A7_isoform_1_precursor ydas_SLG39A1_zinc_transporter_SLG39A7_isoform_1_precursor ydas_SLG39A7_zinc_transporter_SLG39A7_isoform_1_precursor yddas_SLG39A7_zinc_transporter_SLG39A7_isoform_1_precursor yddas_SLG39A7_zinc_transporter_SLG39A7_isoform_X1 aballus_SLG39A13_zinc_transporter_SLG39A7_isoform_X1		qssee qssee qssee sssge	-eeke -eeke -edn	-tr-gvqkrr-ggst- srgtpn-gnsf- -tr-gvqkrr-ggst- gpqerk-agkv- aaaaln-ggry-	slqkvagl vpk rap	kvqrak-tnm dgp dkaap	kr
atus_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aewis_slc39a13_zinc_transporter_ZIP13 aewis_slc39a13_zinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_L1_precursor aevis_slc39a7_zinc_transporter_SLC39A7_isoform_1_precursor usacvis_slc39a7_zinc_transporter_ZIP13 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_1_precursor ydas_SLC39A1_zinc_transporter_SLC39A7_isoform_1_precursor ydas_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 apiens_SLC39A7_zinc_transporter_SLC39A7_isoform_X1 aballus_SLC39A13_zinc_transporter_ZIP13_isoform_X1 elcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike atus_SLC39A13_zinc_transporter_ZIP13_isoform_X1	-ek-	qssee- qssee- qssee- sssge-	-eeke -eeke -edn dkeee-	-tr-gvqkrr-ggst- srgtpn-gnsf- -tr-gvqkrr-ggst- gpqerk-agkv- aaaaln-ggry- get-elrkrrssgeke aaaaln-ggry-	slqkvagl vpk rap la eekseekdi	kvqrak-tnm dgp dkaap	okkr qp dqp
atus_SLG39A7_zinc_transporter_SLC39A7_isoform_X1 urpuratus_LOC584043_zinc_transporter_ZIP13_isoform_X1 erio_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_zinc_transporter_ZIP13 aevis_slc39a13_zinc_transporter_SLG39A7_isoform_X1 apiens_SLG39A7_zinc_transporter_SLG39A7_isoform_L]precursor aevis_slc39a7_zinc_transporter_SLG39A7_isoform_l_precursor anicula_slc39a13_zinc_transporter_ZIP13 apiens_SLG39A7_zinc_transporter_SLG39A7_isoform_l_precursor ydas_SLG39A1_zinc_transporter_SLG39A7_isoform_L]precursor ydas_SLG39A7_zinc_transporter_SLG39A7_isoform_X1 aballus_SLG39A1_zinc_transporter_SLG39A7_isoform_X1 aballus_SLG39A1_zinc_transporter_ZIP13_isoform_X1 elcheri_LOC109482456_PREDICTED_protein_catecholamines_uplike atus_SLG39A1_zinc_transporter_ZIP13_isoform_X1	-ek-	q-ssee q-ssee s-ssge e-gstd	-eeke -eeke -edn dkeee-(-tr-gvqkrr-ggstsrgtpn-gnsftr-gvqkrr-ggstgpqerk-agkvaaaaln-ggry- get-elrkrrssgekeaaaaln-ggrytlshin-ghhs-	slqkvagl vpk la eekseekdi la	kvqrak-tnm	okkr oqp dqke qp

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