

Ugaritic  
and other ancient scripts



—  
An ASCII input method  
—

š l m 'u g r t  
well-being for Ugarit  
š l m t ġ h  
well-being for her gates

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# 1 Quick Overview

## 1.1 Commands for inline text



Unicode codepoint	
U+10380	➡
\ugtransuc {U+10380} ↦ ➡	

(1)

Items may be accessed via the Unicode codepoint (in hexadecimal format). The command assumes that **\ugfont** has been defined.

Short command: `\uguc {U+10380}`  $\mapsto$  ➤.

See §2.1 for a list of Unicode codepoints.

Unicode name	
alpa	➤
<code>\ugtransun {alpa}</code> $\mapsto$ ➤	

(2)

Items may be accessed via a shortened form of the Unicode name. The command assumes that **\ugfont** has been defined.

Short command: `\ugun {alpa}`  $\mapsto$  ➤.

See §2.2 for a list of Unicode names.

Typing shortcut	
a	➤
<code>\ugtransts {a}</code> $\mapsto$ ➤	

(3)

Items may be accessed by typing arbitrarily-defined shortcuts from the keyboard.

The default shortcuts are based on the Latin qwerty keyboard. The command assumes that **\ugfont** has been defined.

Short command: `\ugts {a}`  $\mapsto$  ➤.

See §2.3 for the default list of typing shortcuts.

TS-to-ST	
a.	'a
<code>\ugtranstsst {a.}</code> $\mapsto$ 'a	

(4)

Typing shortcuts, delimited with a dot (.) when needing to disambiguate, can produce scholarly (standard) transliteration: **dlt 'ugrt s<sub>2</sub>ss**.

Parsing of expressions is from left to right, with the longest shortcuts processed first, so that the sequence `\ugtranstsst {sss}`  $\mapsto$  **ss** (=ss+s) is different to `\ugtranstsst {s.ss}`  $\mapsto$  **sş**.

Short command: `\ugst {ashgh}`  $\mapsto$  'ašġ.

See §2.4 for the list of transliterations.

### 1.1.1 Inline Styles

Various inline styles are available: word + transliteration; ruby text; glosses.


word (trans)	
a.	➡ (ʼa)
\ugw {a.} ↦ ➡ (ʼa)	


(5)


 (dlt 'ugrt s<sub>2</sub>ss)  
 \ugw {ssu} ↦  (s<sub>2</sub>) versus \ugw {s.s.u.} ↦  (ssʼu).

Ruby text	
a.	ʼa ➡
\ugruby {a.} ↦ ➡ ʼa	

(6)

d l t ' u g r t s<sub>2</sub> § s  


Glossing:  (dlt, 'royal palace guard post')


Gloss	
\uggloss {dltt}{The Door}	↦  (dlt, 'The Door')

(7)


## 1.2 Environments

The corresponding environments have an **e** at the end of their name.

(8)

Unicode codepoint environment: ugtransuce	
<pre>\begin{ugtransuce} U+10380 U+10380 \end{ugtransuce}</pre>	

(9)

Unicode name environment: ugtransune	
<pre>\begin{ugtransune} beta gamla delta lamda to \end{ugtransune}</pre>	

(10)

Typing shortcut environment: <b>ugtranstse</b>	
<pre>\begin{ugtranstse} dltt  shlmdivugrtt \end{ugtranstse}</pre>	

(11)

Transliteration environment: <b>ugtranstsste</b>	
<pre>\begin{ugtranstsste} dltt  shlmdivugrtt \end{ugtranstsste}</pre>	<p><b>dlt</b> <b>šlm 'ugrt</b></p>

(12)

Ruby text environment: <b>ugrubbye</b>	
<pre>\begin{ugrubbye} dltt  shlmdivugrtt \end{ugrubbye}</pre>	<p>d l t    š l m 'u g r t  </p>

### 1.3 Samples

('**ugrt**', 'Ugart')’s “ruins are often called **Ras Shamra** after the headland where they lie” (*Ugarit* n.d.).

“The word ('**il**') is used over five hundred times in the texts from Ugarit.” (Robinson 2010, p. 28)

“The (**šlmm**) sacrifice, for example, appears to reflect a cultic meal in which the offerer partook of the same meal as was offered to the divinity.” (Pardee 2002, p. 4)

(**šlm 'ugrt**, ‘well-being for Ugarit’)

(**šlm tgh**, ‘well-being for her gates’)<sup>1</sup>

<sup>1</sup>Translation in Pardee 2002; translation and transliteration in *A Manual of Ugaritic*, p 216 viewed via GoogleBooks (id = 7tYNEAAAQBAJ).

## References

- Pardee, Dennis (2002). ‘Ugarit Ritual Texts’. In: *The Oriental Institute News & Notes* 172 (Winter), pp. 1–5. URL: <https://oi.uchicago.edu/sites/oi.uchicago.edu/files/uploads/shared/docs/nn172.pdf>.
- Robinson, Jed (2010). ‘The God of the Patriarchs and the Ugaritic Texts. A Shared Religious and Cultural Identity’. In: *Studia Antiqua. A Student Journal for the Study of the Ancient World* 8.1, pp. 25–33. URL: <https://scholarsarchive.byu.edu/studiaantiqua/vol8/iss1/4>.
- Ugarit (n.d.). Wikipedia. URL: <https://en.wikipedia.org/wiki/Ugarit>.

## 2 Usage

Environment ugtransuce inside a quotation environment:

→ → → *italic* → →  
→ → → dlt abc xyz

Environment ugtranstse:

→ → [ ]  
← → [ ] → →  
→ → [ ] → →  
[ ] < [ ] . [ ] . [ ] → →

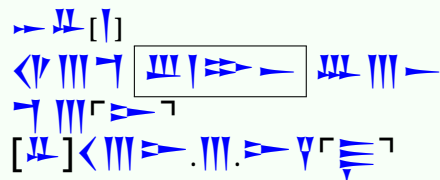
Environment ugtranssste:

’ab[g]  
šlm ’ugrt dlt  
ml<sup>⌈</sup>k<sup>⌋</sup>  
[b]’lk.l.ks<sup>⌈</sup>’i<sup>⌋</sup>

Environment ugrubye:

’a b g  
→ → [ ]  
š l m [ ’u g r t d l t ]  
m l k  
→ → [ ]  
b ’ l k l k s ’i  
[ ] < [ ] . [ ] . [ ] → →

Environment ugtableture (ugtranstse + ugtransste):



'ab[ugrt]  
 šlm'ugrt dlt  
 ml'k  
 [b]'lk.l.ks'i

## 2.1 List of Unicode codepoints

For command \ugtransuc {}.

[Ugaritic]	U+10388	U+10389	U+1038A	U+1038B	U+1038C	U+1038D	U+1038E	U+1038F	U+10390	U+10391	U+10392	U+10393	U+10394	U+10395	U+10396	U+10397	U+10398	U+10399	U+1039A	U+1039B	U+1039C	U+1039D	U+1039E	U+1039F	[End of List]
U+10380	U+10381	U+10382	U+10383	U+10384	U+10385	U+10386	U+10387																		

## 2.2 List of Unicode names

For command \ugtransun {}.

[Ugaritic]	hota	tet	yod	kaf	shin	lamda	mem	dhal	nun	zu	samka	ain	pu	sade	qopa	rasha	thanna	ghain	to	i	u	ssu	worddivider	[End of List]
alpha	beta	gamla	kha	delta	ho	wo	zeta																	

## 2.3 List of Typing Shortcuts

For command `\ugtransts {}`.

[Ugaritic]	hh	→		n	→		th	→			
a	→		t	→		zz	→		gh	→	
b	→		y	→		s	→		tt	→	
g	→		kk	→		j	→		i	→	
k	→		sh	→		p	→		u	→	
d	→		l	→		ss	→		ssu	→	
h	→		m	→		q	→		div	→	
w	→		dh	→		r	→		[End of List]		
z	→										

## 2.4 List of Standard Transliteration

For command `\ugtransst {}`.



[Ugaritic]	hh	↦	ḥ	zz	↦	z̤	tt	↦	t		
a	↦	ʾa	t	↦	ṭ	s	↦	s	i	↦	ʾi
b	↦	b	y	↦	y	j	↦	ṣ	u	↦	ʾu
g	↦	g	kk	↦	k	p	↦	p	ssu	↦	s <sub>2</sub>
k	↦	ḥ	sh	↦	š	ss	↦	ṣ	div	↦	
d	↦	d	l	↦	l	q	↦	q			[End of List]
h	↦	h	m	↦	m	r	↦	r			
w	↦	w	dh	↦	ḏ	th	↦	ṭ			
z	↦	z	n	↦	n	gh	↦	ḡ			





### 3 Reference Table

Glyph	Transliteration	Shortcut	U-name	Macro	Codepoint
	ʾa	a	alpa	\ugalpa	U+10380
	b	b	beta	\ugbeta	U+10381
	g	g	gamla	\uggamla	U+10382
	ḥ	k	kha	\ugkha	U+10383
	d	d	delta	\ugdelt	U+10384
	h	h	ho	\ugho	U+10385
	w	w	wo	\ugwo	U+10386
	z	z	zeta	\ugzeta	U+10387
	ḥ	hh	hota	\ughota	U+10388
	ṭ	t	tet	\ugtet	U+10389
	y	y	yod	\ugyod	U+1038A
	k	kk	kaf	\ugkaf	U+1038B
	š	sh	shin	\ugshin	U+1038C
	l	l	lamda	\uglamda	U+1038D
	m	m	mem	\ugmem	U+1038E
	ḍ	dh	dhal	\ugdhal	U+1038F
	n	n	nun	\ugnun	U+10390
	ẓ	zz	zu	\ugzu	U+10391
	s	s	samka	\ugsamka	U+10392
	ʿ	j	ain	\ugain	U+10393
	p	p	pu	\ugpu	U+10394
	ṣ	ss	sade	\ugsade	U+10395
	q	q	qopa	\ugqopa	U+10396
	r	r	rasha	\ugrasha	U+10397
	ṯ	th	thanna	\ugthanna	U+10398
	ḡ	gh	ghain	\ugghain	U+10399
	t	tt	to	\ugto	U+1039A
	ʾi	i	i	\ugi	U+1039B
	ʾu	u	u	\ugu	U+1039C
	s <sub>2</sub>	ssu	ssu	\ugssu	U+1039D
		div	worddivider	\ugworddivider	U+1039F

## 4 Anatolian Hieroglyphs

Unicode codepoint	
U+14400	
\ahuc {U+14400} → 	































































































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




































































































































































Unicode name	
a001	
\ahun {a001} → 	

















































































































































(14)



### 4.1 List of Glyphs

a001 → 	a022 → 	a043 → 	a062 → 
a002 → 	a023 → 	a044 → 	a063 → 
a003 → 	a024 → 	a045 → 	a064 → 
a004 → 	a025 → 	a045a → 	a065 → 
a005 → 	a026 → 	a046 → 	a066 → 
a006 → 	a026a → 	a046a → 	a066a → 
a007 → 	a027 → 	a046a → 	a066b → 
a008 → 	a028 → 	a046b → 	a066c → 
a009 → 	a029 → 	a047 → 	a067 → 
a010 → 	a030 → 	a048 → 	a068 → 
a010a → 	a031 → 	a049 → 	a069 → 
a011 → 	a032 → 	a050 → 	a070 → 
a012 → 	a033 → 	a051 → 	a071 → 
a013 → 	a034 → 	a052 → 	a072 → 
a014 → 	a035 → 	a053 → 	a073 → 
a015 → 	a036 → 	a054 → 	a074 → 
a016 → 	a037 → 	a055 → 	a075 → 
a017 → 	a038 → 	a056 → 	a076 → 
a018 → 	a039 → 	a057 → 	a077 → 
a019 → 	a039a → 	a058 → 	a078 → 
a020 → 	a040 → 	a059 → 	a079 → 
a021 → 	a041 → 	a060 → 	a080 → 
	a041a → 	a061 → 	a081 → 
	a042 → 		a082 → 
			a083 → 

a084	→	
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a097a	→	
a098	→	
a098a	→	
a099	→	
a100	→	
a100a	→	
a101	→	
a101a	→	
a102	→	
a102a	→	
a103	→	
a104	→	
a104a	→	
a104b	→	
a104c	→	
a105	→	
a105a	→	
a105b	→	
a106	→	
a107	→	
a107a	→	
a107b	→	
a107c	→	
a108	→	
a109	→	
a110	→	
a110a	→	
a110b	→	
a111	→	
a112	→	
a113	→	
a114	→	
a115	→	
a115a	→	
a116	→	
a117	→	
a118	→	
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a121	→	
a122	→	
a123	→	
a124	→	
a125	→	
a125a	→	
a126	→	
a127	→	
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a129	→	
a130	→	
a131	→	
a132	→	
a133	→	
a134	→	
a135	→	
a135a	→	
a136	→	
a137	→	
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a202a	→	
a202b	→	
a203	→	
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a206	→	
a207	→	
a207a	→	
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a209	→	
a209a	→	
a210	→	
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a215	→	
a215a	→	
a216	→	
a216a	→	
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a267	→	
a267a	→	
a268	→	
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a289a	→	
a290	→	
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a293	→	
a294	→	
a294a	→	
a295	→	
a296	→	
a297	→	
a298	→	
a299	→	
a299a	→	
a300	→	
a301	→	
a302	→	
a303	→	
a304	→	
a305	→	
a306	→	
a307	→	
a308	→	
a309	→	
a309a	→	
a310	→	
a311	→	
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a328	→	
a329	→	
a329a	→	
a330	→	
a331	→	
a332a	→	
a332b	→	
a332c	→	
a333	→	
a334	→	
a335	→	
a336	→	
a336a	→	
a336b	→	
a336c	→	
a337	→	
a338	→	
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a357	→	
a358	→	
a359	→	
a359a	→	
a360	→	
a361	→	
a362	→	
a363	→	
a364	→	
a364a	→	
a365	→	
a366	→	
a367	→	
a368	→	
a368a	→	
a369	→	
a370	→	
a371	→	
a371a	→	
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a380	→	
a381	→	
a381a	→	
a382	→	
a383raorri	→	
a383a	→	
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a386a	→	
a387	→	
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a395	→	
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a409	→	
a410	→	
a410a	→	
a411	→	
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a450	→	
a450a	→	
a451	→	
a452	→	
a453	→	
a454	→	
a455	→	
a456	→	
a457	→	
a457a	→	
a458	→	
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a526	→	
a527	→	
a528	→	
a529	→	
a530	→	

[End of List]

## 5 Avestan

i m ā t a v ō v  
𐬨𐬢𐬭𐬯𐬭𐬀𐬵𐬀𐬵 (vō vatāmi, ‘I understand you’)

i m ā t a v ō v  
𐬨𐬢𐬭𐬯𐬭𐬀𐬵𐬀𐬵←

Unicode codepoint		(15)
U+10B00	𐬀	
\avuc {U+10B00} ↦ 𐬀		

Unicode name		(16)
a	𐬀	
\avun {a} ↦ 𐬀		

Typing shortcut		(17)
a	𐬀	
\avts {a} $\mapsto$ 𐬀		

Transliteration		(18)
aa	ā	
\avst {aa} \mapsto ā		

Ruby text	
aaahh	<div>ā ā</div> <div>𐬨𐬢𐬭𐬯𐬭𐬀</div>
<div>ā ā</div> <div><code>\avruby {aaahh}</code> <math>\mapsto</math> 𐬨𐬢𐬭𐬯𐬭𐬀</div>	

ā ā  
𐬨𐬢𐬭𐬯𐬭𐬀𐬵𐬀𐬵←

Note the reversal: \avruby {aa} ↦ 𐬨𐬢 + \avruby {ahh} ↦ 𐬨𐬢𐬭𐬯𐬭𐬀 comes

out as \avruby {aaahh} ↦ 𐬨𐬢𐬭𐬯𐬭𐬀.

The word  $\text{p} \quad \bar{\text{a}}$  (āp) means ‘water’, and  $\text{u} \quad \text{d} \quad \text{a} \quad \text{m}$  (madu, ‘honey’) is ‘mead’.

$\text{u} \quad \text{d} \quad \text{a} \quad \text{m} \quad \text{p} \quad \bar{\text{a}}$   
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀

$\text{a} \quad \text{n} \quad \text{s} \quad \text{a} \quad \text{y}$   $\text{a} \quad \text{n} \quad \text{s} \quad \text{a} \quad \text{y}$   
 𐬀𐬨𐬆𐬭𐬀, as ruby text; and 𐬀𐬨𐬆𐬭𐬀 (yasna), as a word.

𐬀𐬨𐬆𐬭𐬀 𐬀𐬨𐬆𐬭𐬀

With the **avestan** environment (which uses `luatex`’s `\pardir` and `\textdir` directives), words are set RTL in RTL paragraphs, and the letter sequence in the words is also reversed:

𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀  
 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀 𐬨𐬀𐬭𐬀𐬰𐬭𐬀.

(20)

Avestan environment: <b>avestan</b>	
<pre>\begin{avestan} 123 456 789 THE CAT SAT ON THE MAT.  aap madu aap madu aap madu aap madu aap madu aap madu aap madu aap madu.  aap madu aap madu aap madu aap madu aap madu aap madu aap madu aap madu aap madu. \end{avestan}</pre>	<pre>NO TAS TAC EHT 987 654 321 .TAM EHT 𐬨𐬀𐬭𐬀𐬰𐬭𐬀</pre>

## 5.1 List of Unicode codepoints

For command `\avtransuc {}`.

[Avestan]	U+10B0F ↦ 𐬱	U+10B1F ↦ 𐬱	U+10B2E ↦ 𐬱
U+10B00 ↦ 𐬀	U+10B10 ↦ 𐬀	U+10B20 ↦ 𐬀	U+10B2F ↦ 𐬀
U+10B01 ↦ 𐬁	U+10B11 ↦ 𐬁	U+10B21 ↦ 𐬁	U+10B30 ↦ 𐬁
U+10B02 ↦ 𐬂	U+10B12 ↦ 𐬂	U+10B22 ↦ 𐬂	U+10B31 ↦ 𐬂
U+10B03 ↦ 𐬃	U+10B13 ↦ 𐬃	U+10B23 ↦ 𐬃	U+10B32 ↦ 𐬃
U+10B04 ↦ 𐬄	U+10B14 ↦ 𐬄	U+10B24 ↦ 𐬄	U+10B33 ↦ 𐬄
U+10B05 ↦ 𐬅	U+10B15 ↦ 𐬅	U+10B25 ↦ 𐬅	U+10B34 ↦ 𐬅
U+10B06 ↦ 𐬆	U+10B16 ↦ 𐬆	U+10B26 ↦ 𐬆	U+10B35 ↦ 𐬆
U+10B07 ↦ 𐬇	U+10B17 ↦ 𐬇	U+10B27 ↦ 𐬇	U+10B39 ↦ °
U+10B08 ↦ 𐬈	U+10B18 ↦ 𐬈	U+10B28 ↦ 𐬈	U+10B3A ↦ ∴
U+10B09 ↦ 𐬉	U+10B19 ↦ 𐬉	U+10B29 ↦ 𐬉	U+10B3B ↦ ∴
U+10B0A ↦ 𐬊	U+10B1A ↦ 𐬊	U+10B2A ↦ 𐬊	U+10B3C ↦ ∴
U+10B0B ↦ 𐬋	U+10B1B ↦ 𐬋	U+10B2B ↦ 𐬋	U+10B3D ↦ ∴
U+10B0C ↦ 𐬌	U+10B1C ↦ 𐬌	U+10B2C ↦ 𐬌	U+10B3E ↦ ∴
U+10B0D ↦ 𐬍	U+10B1D ↦ 𐬍	U+10B2D ↦ 𐬍	U+10B3F ↦ ∴
U+10B0E ↦ 𐬎	U+10B1E ↦ 𐬎		[End of List]

## 5.2 List of Unicode names

For command `\avtransun {}`.

[Avestan]	ke ↦ 𐬕	be ↦ 𐬂	se ↦ 𐬱
a ↦ 𐬀	xe ↦ 𐬁	bhe ↦ 𐬂	ze ↦ 𐬀
aa ↦ 𐬁	xye ↦ 𐬃	nge ↦ 𐬃	she ↦ 𐬂
ao ↦ 𐬂	xve ↦ 𐬄	ngye ↦ 𐬃	zhe ↦ 𐬃
ao ↦ 𐬃	ge ↦ 𐬄	ngve ↦ 𐬃	shye ↦ 𐬄
an ↦ 𐬄	gge ↦ 𐬅	ne ↦ 𐬅	sshe ↦ 𐬅
aan ↦ 𐬅	ghe ↦ 𐬆	nye ↦ 𐬆	he ↦ 𐬆
ae ↦ 𐬆	ce ↦ 𐬇	nne ↦ 𐬇	abbreviation-
aee ↦ 𐬇	je ↦ 𐬈	me ↦ 𐬈	mark ↦ °
e ↦ 𐬈	te ↦ 𐬉	hme ↦ 𐬈	p1 ↦ ∴
ee ↦ 𐬉	the ↦ 𐬊	yye ↦ 𐬊	p2 ↦ ∴
o ↦ 𐬊	de ↦ 𐬋	ye ↦ 𐬋	p3 ↦ ∴
oo ↦ 𐬋	dhe ↦ 𐬌	ve ↦ 𐬌	p4 ↦ ∴
i ↦ 𐬌	tte ↦ 𐬍	re ↦ 𐬌	p5 ↦ ∴
ii ↦ 𐬍	pe ↦ 𐬎	le ↦ 𐬍	p6 ↦ ∴
u ↦ 𐬎	fe ↦ 𐬎		[End of List]
uu ↦ 𐬎			

## 5.3 List of Typing Shortcuts

For command `\avtransts {}`.



[Avestan]	uu ↦ 𐬰	f ↦ 𐬱	l ↦ 𐬲
a ↦ 𐬀	k ↦ 𐬁	b ↦ 𐬂	s ↦ 𐬃
aa ↦ 𐬄	x ↦ 𐬅	w ↦ 𐬆	z ↦ 𐬇
ah ↦ 𐬈	xx ↦ 𐬉	ng ↦ 𐬊	sh ↦ 𐬋
ahh ↦ 𐬌	xv ↦ 𐬍	ngj ↦ 𐬎	zh ↦ 𐬏
au ↦ 𐬐	g ↦ 𐬑	ngw ↦ 𐬒	ssh ↦ 𐬓
auu ↦ 𐬔	gg ↦ 𐬕	n ↦ 𐬖	ss ↦ 𐬗
eh ↦ 𐬘	gh ↦ 𐬙	ny ↦ 𐬚	h ↦ 𐬛
ehh ↦ 𐬜	c ↦ 𐬝	nny ↦ 𐬞	' ↦ 𐬟
e ↦ 𐬠	j ↦ 𐬡	m ↦ 𐬢	p1 ↦ 𐬣
ee ↦ 𐬤	t ↦ 𐬥	mh ↦ 𐬦	p2 ↦ 𐬧
o ↦ 𐬨	th ↦ 𐬩	yy ↦ 𐬪	p3 ↦ 𐬫
oo ↦ 𐬬	d ↦ 𐬭	y ↦ 𐬮	p4 ↦ 𐬯
i ↦ 𐬰	dh ↦ 𐬱	v ↦ 𐬲	p5 ↦ 𐬳
ii ↦ 𐬴	tt ↦ 𐬵	r ↦ 𐬶	p6 ↦ 𐬷
u ↦ 𐬸	p ↦ 𐬹		[End of List]

## 5.4 List of Standard Transliteration

For command `\avtransst {}`.

[Avestan]	uu ↦ ū	f ↦ f	s ↦ s
a ↦ a	k ↦ k	b ↦ b	z ↦ z
aa ↦ ā	x ↦ x	w ↦ β	sh ↦ š
ah ↦ ǎ	xx ↦ ǎ	ng ↦ ŋ	zh ↦ ž
ahh ↦ ǎ̇	xv ↦ x <sup>v</sup>	ngj ↦ ǎ̇	ssh ↦ ṧ
au ↦ ą	g ↦ g	ngw ↦ ŋ <sup>v</sup>	ss ↦ ṧ
auu ↦ ą̇	gg ↦ ġ	n ↦ n	h ↦ h
eh ↦ ə	gh ↦ γ	ny ↦ ń	' ↦ '
ehh ↦ ǣ	c ↦ c	nny ↦ ņ	p1 ↦ p1
e ↦ e	j ↦ j	m ↦ m	p2 ↦ p2
ee ↦ ē	t ↦ t	mh ↦ ɱ	p3 ↦ p3
o ↦ o	th ↦ θ	yy ↦ ÿ	p4 ↦ p4
oo ↦ ō	d ↦ d	y ↦ y	p5 ↦ p5
i ↦ i	dh ↦ δ	v ↦ v	p6 ↦ p6
ii ↦ ī	tt ↦ Ț	r ↦ r	
u ↦ u	p ↦ p	l ↦ l	[End of List]

## 5.5 Reference table

Glyph	Transliteration	Shortcut	U-name	Macro	Codepoint
𐬀	a	a	a	\ava	U+10B00
𐬄	ā	aa	aa	\avaa	U+10B01

ᳵ	ǎ	ah	ao	\avao	U+10B02
ᳶ	ǎ̃	ahh	aao	\avaao	U+10B03
᳷	ǻ	au	an	\avan	U+10B04
᳸	ǻ̃	auu	aan	\avaan	U+10B05
᳹	ə	eh	ae	\avae	U+10B06
ᳺ	ə̃	ehh	aee	\avaee	U+10B07
᳻	e	e	e	\ave	U+10B08
᳼	ē	ee	ee	\avee	U+10B09
᳽	o	o	o	\avo	U+10B0A
᳾	ō	oo	oo	\avoo	U+10B0B
᳿	i	i	i	\avi	U+10B0C
ᳺ̃	ī	ii	ii	\avii	U+10B0D
᳽̃	u	u	u	\avu	U+10B0E
᳽̃̃	ū	uu	uu	\avuu	U+10B0F
᳽̃k	k	k	ke	\avke	U+10B10
᳽̃x	x	x	xe	\avxe	U+10B11
᳽̃́	́x	xx	xye	\avxye	U+10B12
᳽̃ᵛ	xᵛ	xv	xve	\avxve	U+10B13
᳽̃g	g	g	ge	\avge	U+10B14
᳽̃ḡ	ḡ	gg	gge	\avgge	U+10B15
᳽̃ɣ	ɣ	gh	ghe	\avghe	U+10B16
᳽̃c	c	c	ce	\avce	U+10B17
᳽̃j	j	j	je	\avje	U+10B18
᳽̃t	t	t	te	\avte	U+10B19
᳽̃θ	θ	th	the	\avthe	U+10B1A
᳽̃d	d	d	de	\avde	U+10B1B
᳽̃ɖ	ɖ	dh	dhe	\avdhe	U+10B1C
᳽̃ɗ	ɗ	tt	tte	\avtte	U+10B1D
᳽̃p	p	p	pe	\avpe	U+10B1E
᳽̃f	f	f	fe	\avfe	U+10B1F
᳽̃b	b	b	be	\avbe	U+10B20
᳽̃β	β	w	bhe	\avbhe	U+10B21
᳽̃ŋ	ŋ	ng	nge	\avnge	U+10B22
᳽̃ŋ̊	ŋ̊	ngj	ngye	\avngye	U+10B23
᳽̃̊	ŋᵛ	ngw	ngve	\avngve	U+10B24

।	n	n	ne	\avne	U+10B25
।	ń	ny	nye	\avnye	U+10B26
।	ņ	nny	nne	\avnne	U+10B27
।	m	m	me	\avme	U+10B28
।	ṁ	mh	hme	\avhme	U+10B29
।	ẏ	yy	yye	\avyye	U+10B2A
।	y	y	ye	\avye	U+10B2B
।	v	v	ve	\avve	U+10B2C
।	r	r	re	\avre	U+10B2D
।	l	l	le	\avle	U+10B2E
।	s	s	se	\avse	U+10B2F
।	z	z	ze	\avze	U+10B30
।	š	sh	she	\avshe	U+10B31
।	ž	zh	zhe	\avzhe	U+10B32
।	š	ssh	shye	\avshye	U+10B33
।	š	ss	sshe	\avsshe	U+10B34
।	h	h	he	\avhe	U+10B35
。	,	,	abbreviationmark	\avabbreviationmark	U+10B39
∴	p1	p1	p1	\avpi	U+10B3A
∴	p2	p2	p2	\avpii	U+10B3B
∴	p3	p3	p3	\avpiii	U+10B3C
∴	p4	p4	p4	\avpiv	U+10B3D
∴	p5	p5	p5	\avpv	U+10B3E
∴	p6	p6	p6	\avpvi	U+10B3F

## 6 Brahmi

Unicode codepoint	
U+11005	𑀅
\bruc {U+11005} ↦ 𑀅	

(21)

Unicode name	
kaaa	𑀅
\brun {kaaa} ↦ 𑀅	

(22)

𑀅𑀆𑀇𑀈𑀉𑀊𑀋𑀌𑀍𑀎𑀏𑀐𑀑𑀒𑀓𑀔𑀕𑀖𑀗𑀘𑀙𑀚𑀛𑀜𑀝𑀞𑀟𑀠𑀡𑀢𑀣𑀤𑀥𑀦𑀧𑀨𑀩𑀪𑀫𑀬𑀭𑀮𑀯𑀰𑀱𑀲𑀳𑀴𑀵𑀶𑀷𑀸𑀹𑀺𑀻𑀼𑀽𑀾𑀿𑁀𑁁𑁂𑁃𑁄𑁅𑁆𑁇𑁈𑁉𑁊𑁋𑁌𑁍𑁎𑁏𑁐𑁑𑁒𑁓𑁔𑁕𑁖𑁗𑁘𑁙𑁚𑁛𑁜𑁝𑁞𑁟𑁠𑁡𑁢𑁣𑁤𑁥𑁦𑁧𑁨𑁩𑁪𑁫𑁬𑁭𑁮𑁯𑁰𑁱𑁲𑁳𑁴𑁵𑁶𑁷𑁸𑁹𑁺𑁻𑁼𑁽𑁾𑁿𑂀𑂁𑂂𑂃𑂄𑂅𑂆𑂇𑂈𑂉𑂊𑂋𑂌𑂍𑂎𑂏𑂐𑂑𑂒𑂓𑂔𑂕𑂖𑂗𑂘𑂙𑂚𑂛𑂜𑂝𑂞𑂟𑂠𑂡𑂢𑂣𑂤𑂥𑂦𑂧𑂨𑂩𑂪𑂫𑂬𑂭𑂮𑂯𑂰𑂱𑂲𑂳𑂴𑂵𑂶𑂷𑂸𑂺𑂹𑂻𑂼𑂽𑂾𑂿𑃀𑃁𑃂𑃃𑃄𑃅𑃆𑃇𑃈𑃉𑃊𑃋𑃌𑃍𑃎𑃏𑃐𑃑𑃒𑃓𑃔𑃕𑃖𑃗𑃘𑃙𑃚𑃛𑃜𑃝𑃞𑃟𑃠𑃡𑃢𑃣𑃤𑃥𑃦𑃧𑃨𑃩𑃪𑃫𑃬𑃭𑃮𑃯𑃰𑃱𑃲𑃳𑃴𑃵𑃶𑃷𑃸𑃹𑃺𑃻𑃼𑃽𑃾𑃿𑄀𑄁𑄂𑄃𑄄𑄅𑄆𑄇𑄈𑄉𑄊𑄋𑄌𑄍𑄎𑄏𑄐𑄑𑄒𑄓𑄔𑄕𑄖𑄗𑄘𑄙𑄚𑄛𑄜𑄝𑄞𑄟𑄠𑄡𑄢𑄣𑄤𑄥𑄦𑄧𑄨𑄩𑄪𑄫𑄬𑄭𑄮𑄯𑄰𑄱𑄲𑄳𑄴𑄵𑄶𑄷𑄸𑄹𑄺𑄻𑄼𑄽𑄾𑄿𑅀𑅁𑅂𑅃𑅄𑅅𑅆𑅇𑅈𑅉𑅊𑅋𑅌𑅍𑅎𑅏𑅐𑅑𑅒𑅓𑅔𑅕𑅖𑅗𑅘𑅙𑅚𑅛𑅜𑅝𑅞𑅟𑅠𑅡𑅢𑅣𑅤𑅥𑅦𑅧𑅨𑅩𑅪𑅫𑅬𑅭𑅮𑅯𑅰𑅱𑅲𑅳𑅴𑅵𑅶𑅷𑅸𑅹𑅺𑅻𑅼𑅽𑅾𑅿𑆀𑆁𑆂𑆃𑆄𑆅𑆆𑆇𑆈𑆉𑆊𑆋𑆌𑆍𑆎𑆏𑆐𑆑𑆒𑆓𑆔𑆕𑆖𑆗𑆘𑆙𑆚𑆛𑆜𑆝𑆞𑆟𑆠𑆡𑆢𑆣𑆤𑆥𑆦𑆧𑆨𑆩𑆪𑆫𑆬𑆭𑆮𑆯𑆰𑆱𑆲𑆳𑆴𑆵𑆶𑆷𑆸𑆹𑆺𑆻𑆼𑆽𑆾𑆿𑇀𑇁𑇂𑇃𑇄𑇅𑇆𑇇𑇈𑇉𑇊𑇋𑇌𑇍𑇎𑇏𑇐𑇑𑇒𑇓𑇔𑇕𑇖𑇗𑇘𑇙𑇚𑇛𑇜𑇝𑇞𑇟𑇠𑇡𑇢𑇣𑇤𑇥𑇦𑇧𑇨𑇩𑇪𑇫𑇬𑇭𑇮𑇯𑇰𑇱𑇲𑇳𑇴𑇵𑇶𑇷𑇸𑇹𑇺𑇻𑇼𑇽𑇾𑇿𑈀𑈁𑈂𑈃𑈄𑈅𑈆𑈇𑈈𑈉𑈊𑈋𑈌𑈍𑈎𑈏𑈐𑈑𑈒𑈓𑈔𑈕𑈖𑈗𑈘𑈙𑈚𑈛𑈜𑈝𑈞𑈟𑈠𑈡𑈢𑈣𑈤𑈥𑈦𑈧𑈨𑈩𑈪𑈫𑈬𑈭𑈮𑈯𑈰𑈱𑈲𑈳𑈴𑈶𑈵𑈷𑈸𑈹𑈺𑈻𑈼𑈽𑈾𑈿𑉀𑉁𑉂𑉃𑉄𑉅𑉆𑉇𑉈𑉉𑉊𑉋𑉌𑉍𑉎𑉏𑉐𑉑𑉒𑉓𑉔𑉕𑉖𑉗𑉘𑉙𑉚𑉛𑉜𑉝𑉞𑉟𑉠𑉡𑉢𑉣𑉤𑉥𑉦𑉧𑉨𑉩𑉪𑉫𑉬𑉭𑉮𑉯𑉰𑉱𑉲𑉳𑉴𑉵𑉶𑉷𑉸𑉹𑉺𑉻𑉼𑉽𑉾𑉿𑊀𑊁𑊂𑊃𑊄𑊅𑊆𑊇𑊈𑊉𑊊𑊋𑊌𑊍𑊎𑊏𑊐𑊑𑊒𑊓𑊔𑊕𑊖𑊗𑊘𑊙𑊚𑊛𑊜𑊝𑊞𑊟𑊠𑊡𑊢𑊣𑊤𑊥𑊦𑊧𑊨𑊩𑊪𑊫𑊬𑊭𑊮𑊯𑊰𑊱𑊲𑊳𑊴𑊵𑊶𑊷𑊸𑊹𑊺𑊻𑊼𑊽𑊾𑊿𑋀𑋁𑋂𑋃𑋄𑋅𑋆𑋇𑋈𑋉𑋊𑋋𑋌𑋍𑋎𑋏𑋐𑋑𑋒𑋓𑋔𑋕𑋖𑋗𑋘𑋙𑋚𑋛𑋜𑋝𑋞𑋟𑋠𑋡𑋢𑋣𑋤𑋥𑋦𑋧𑋨𑋩𑋪𑋫𑋬𑋭𑋮𑋯𑋰𑋱𑋲𑋳𑋴𑋵𑋶𑋷𑋸𑋹𑋺𑋻𑋼𑋽𑋾𑋿𑌀𑌁𑌂𑌃𑌄𑌅𑌆𑌇𑌈𑌉𑌊𑌋𑌌𑌍𑌎𑌏𑌐𑌑𑌒𑌓𑌔𑌕𑌖𑌗𑌘𑌙𑌚𑌛𑌜𑌝𑌞𑌟𑌠𑌡𑌢𑌣𑌤𑌥𑌦𑌧𑌨𑌩𑌪𑌫𑌬𑌭𑌮𑌯𑌰𑌱𑌲𑌳𑌴𑌵𑌶𑌷𑌸𑌹𑌺𑌻𑌼𑌽𑌾𑌿𑍀𑍁𑍂𑍃𑍄𑍅𑍆𑍇𑍈𑍉𑍊𑍋𑍌𑍍𑍎𑍏𑍐𑍑𑍒𑍓𑍔𑍕𑍖𑍗𑍘𑍙𑍚𑍛𑍜𑍝𑍞𑍟𑍠𑍡𑍢𑍣𑍤𑍥𑍦𑍧𑍨𑍩𑍪𑍫𑍬𑍭𑍮𑍯𑍰𑍱𑍲𑍳𑍴𑍵𑍶𑍷𑍸𑍹𑍺𑍻𑍼𑍽𑍾𑍿𑎀𑎁𑎂𑎃𑎄𑎅𑎆𑎇𑎈𑎉𑎊𑎋𑎌𑎍𑎎𑎏𑎐𑎑𑎒𑎓𑎔𑎕𑎖𑎗𑎘𑎙𑎚𑎛𑎜𑎝𑎞𑎟𑎠𑎡𑎢𑎣𑎤𑎥𑎦𑎧𑎨𑎩𑎪𑎫𑎬𑎭𑎮𑎯𑎰𑎱𑎲𑎳𑎴𑎵𑎶𑎷𑎸𑎹𑎺𑎻𑎼𑎽𑎾𑎿𑏀𑏁𑏂𑏃𑏄𑏅𑏆𑏇𑏈𑏉𑏊𑏋𑏌𑏍𑏎𑏏𑏐𑏑𑏒𑏓𑏔𑏕𑏖𑏗𑏘𑏙𑏚𑏛𑏜𑏝𑏞𑏟𑏠𑏡𑏢𑏣𑏤𑏥𑏦𑏧𑏨𑏩𑏪𑏫𑏬𑏭𑏮𑏯𑏰𑏱𑏲𑏳𑏴𑏵𑏶𑏷𑏸𑏹𑏺𑏻𑏼𑏽𑏾𑏿𑐀𑐁𑐂𑐃𑐄𑐅𑐆𑐇𑐈𑐉𑐊𑐋𑐌𑐍𑐎𑐏𑐐𑐑𑐒𑐓𑐔𑐕𑐖𑐗𑐘𑐙𑐚𑐛𑐜𑐝𑐞𑐟𑐠𑐡𑐢𑐣𑐤𑐥𑐦𑐧𑐨𑐩𑐪𑐫𑐬𑐭𑐮𑐯𑐰𑐱𑐲𑐳𑐴𑐵𑐶𑐷𑐸𑐹𑐺𑐻𑐼𑐽𑐾𑐿𑑀𑑁𑑂𑑃𑑄𑑅𑑆𑑇𑑈𑑉𑑊𑑋𑑌𑑍𑑎𑑏𑑐𑑑𑑒𑑓𑑔𑑕𑑖𑑗𑑘𑑙𑑚𑑛𑑜𑑝𑑞𑑟𑑠𑑡𑑢𑑣𑑤𑑥𑑦𑑧𑑨𑑩𑑪𑑫𑑬𑑭𑑮𑑯𑑰𑑱𑑲𑑳𑑴𑑵𑑶𑑷𑑸𑑹𑑺𑑻𑑼𑑽𑑾𑑿𑒀𑒁𑒂𑒃𑒄𑒅𑒆𑒇𑒈𑒉𑒊𑒋𑒌𑒍𑒎𑒏𑒐𑒑𑒒𑒓𑒔𑒕𑒖𑒗𑒘𑒙𑒚𑒛𑒜𑒝𑒞𑒟𑒠𑒡𑒢𑒣𑒤𑒥𑒦𑒧𑒨𑒩𑒪𑒫𑒬𑒭𑒮𑒯𑒰𑒱𑒲𑒳𑒴𑒵𑒶𑒷𑒸𑒻𑒻𑒼𑒽𑒾𑒿𑓀𑓁𑓃𑓂𑓄𑓅𑓆𑓇𑓈𑓉𑓊𑓋𑓌𑓍𑓎𑓏𑓐𑓑𑓒𑓓𑓔𑓕𑓖𑓗𑓘𑓙𑓚𑓛𑓜𑓝𑓞𑓟𑓠𑓡𑓢𑓣𑓤𑓥𑓦𑓧𑓨𑓩𑓪𑓫𑓬𑓭𑓮𑓯𑓰𑓱𑓲𑓳𑓴𑓵𑓶𑓷𑓸𑓹𑓺𑓻𑓼𑓽𑓾𑓿𑔀𑔁𑔂𑔃𑔄𑔅𑔆𑔇𑔈𑔉𑔊𑔋𑔌𑔍𑔎𑔏𑔐𑔑𑔒𑔓𑔔𑔕𑔖𑔗𑔘𑔙𑔚𑔛𑔜𑔝𑔞𑔟𑔠𑔡𑔢𑔣𑔤𑔥𑔦𑔧𑔨𑔩𑔪𑔫𑔬𑔭𑔮𑔯𑔰𑔱𑔲𑔳𑔴𑔵𑔶𑔷𑔸𑔹𑔺𑔻𑔼𑔽𑔾𑔿𑕀𑕁𑕂𑕃𑕄𑕅𑕆𑕇𑕈𑕉𑕊𑕋𑕌𑕍𑕎𑕏𑕐𑕑𑕒𑕓𑕔𑕕𑕖𑕗𑕘𑕙𑕚𑕛𑕜𑕝𑕞𑕟𑕠𑕡𑕢𑕣𑕤𑕥𑕦𑕧𑕨𑕩𑕪𑕫𑕬𑕭𑕮𑕯𑕰𑕱𑕲𑕳𑕴𑕵𑕶𑕷𑕸𑕹𑕺𑕻𑕼𑕽𑕾𑕿𑖀𑖁𑖂𑖃𑖄𑖅𑖆𑖇𑖈𑖉𑖊𑖋𑖌𑖍𑖎𑖏𑖐𑖑𑖒𑖓𑖔𑖕𑖖𑖗𑖘𑖙𑖚𑖛𑖜𑖝𑖞𑖟𑖠𑖡𑖢𑖣𑖤𑖥𑖦𑖧𑖨𑖩𑖪𑖫𑖬𑖭𑖮𑖯𑖰𑖱𑖲𑖳𑖴𑖵𑖶𑖷𑖸𑖹𑖺𑖻𑖼𑖽𑖾𑗀𑖿𑗁𑗂𑗃𑗄𑗅𑗆𑗇𑗈𑗉𑗊𑗋𑗌𑗍𑗎𑗏𑗐𑗑𑗒𑗓𑗔𑗕𑗖𑗗𑗘𑗙𑗚𑗛𑗜𑗝𑗞𑗟𑗠𑗡𑗢𑗣𑗤𑗥𑗦𑗧𑗨𑗩𑗪𑗫𑗬𑗭𑗮𑗯𑗰𑗱𑗲𑗳𑗴𑗵𑗶𑗷𑗸𑗹𑗺𑗻𑗼𑗽𑗾𑗿𑘀𑘁𑘂𑘃𑘄𑘅𑘆𑘇𑘈𑘉𑘊𑘋𑘌𑘍𑘎𑘏𑘐𑘑𑘒𑘓𑘔𑘕𑘖𑘗𑘘𑘙𑘚𑘛𑘜𑘝𑘞𑘟𑘠𑘡𑘢𑘣𑘤𑘥𑘦𑘧𑘨𑘩𑘪𑘫𑘬𑘭𑘮𑘯𑘰𑘱𑘲𑘳𑘴𑘵𑘶𑘷𑘸𑘹𑘺𑘻𑘼𑘽𑘾𑘿𑙀𑙁𑙂𑙃𑙄𑙅𑙆𑙇𑙈𑙉𑙊𑙋𑙌𑙍𑙎𑙏𑙐𑙑𑙒𑙓𑙔𑙕𑙖𑙗𑙘𑙙𑙚𑙛𑙜𑙝𑙞𑙟𑙠𑙡𑙢𑙣𑙤𑙥𑙦𑙧𑙨𑙩𑙪𑙫𑙬𑙭𑙮𑙯𑙰𑙱𑙲𑙳𑙴𑙵𑙶𑙷𑙸𑙹𑙺𑙻𑙼𑙽𑙾𑙿𑚀𑚁𑚂𑚃𑚄𑚅𑚆𑚇𑚈𑚉𑚊𑚋𑚌𑚍𑚎𑚏𑚐𑚑𑚒𑚓𑚔𑚕𑚖𑚗𑚘𑚙𑚚𑚛𑚜𑚝𑚞𑚟𑚠𑚡𑚢𑚣𑚤𑚥𑚦𑚧𑚨𑚩𑚪𑚫𑚬𑚭𑚮𑚯𑚰𑚱𑚲𑚳𑚴𑚵𑚷𑚶𑚸𑚹𑚺𑚻𑚼𑚽𑚾𑚿𑛀𑛁𑛂𑛃𑛄𑛅𑛆𑛇𑛈𑛉𑛊𑛋𑛌𑛍𑛎𑛏𑛐𑛑𑛒𑛓𑛔𑛕𑛖𑛗𑛘𑛙𑛚𑛛𑛜𑛝𑛞𑛟𑛠𑛡𑛢𑛣𑛤𑛥𑛦𑛧𑛨𑛩𑛪𑛫𑛬𑛭𑛮𑛯𑛰𑛱𑛲𑛳𑛴𑛵𑛶𑛷𑛸𑛹𑛺𑛻𑛼𑛽𑛾𑛿𑜀𑜁𑜂𑜃𑜄𑜅𑜆𑜇𑜈𑜉𑜊𑜋𑜌𑜍𑜎𑜏𑜐𑜑𑜒𑜓𑜔𑜕𑜖𑜗𑜘𑜙𑜚𑜛𑜜𑜝𑜞𑜟𑜠𑜡𑜢𑜣𑜤𑜥𑜦𑜧𑜨𑜩𑜪𑜫𑜬𑜭𑜮𑜯𑜰𑜱𑜲𑜳𑜴𑜵𑜶𑜷𑜸𑜹𑜺𑜻𑜼𑜽𑜾𑜿𑝀𑝁𑝂𑝃𑝄𑝅𑝆𑝇𑝈𑝉𑝊𑝋𑝌𑝍𑝎𑝏𑝐𑝑𑝒𑝓𑝔𑝕𑝖𑝗𑝘𑝙𑝚𑝛𑝜𑝝𑝞𑝟𑝠𑝡𑝢𑝣𑝤𑝥𑝦𑝧𑝨𑝩𑝪𑝫𑝬𑝭𑝮𑝯𑝰𑝱𑝲𑝳𑝴𑝵𑝶𑝷𑝸𑝹𑝺𑝻𑝼𑝽𑝾𑝿𑞀𑞁𑞂𑞃𑞄𑞅𑞆𑞇𑞈𑞉𑞊𑞋𑞌𑞍𑞎𑞏𑞐𑞑𑞒𑞓𑞔𑞕𑞖𑞗𑞘𑞙𑞚𑞛𑞜𑞝𑞞𑞟𑞠𑞡𑞢𑞣𑞤𑞥𑞦𑞧𑞨𑞩𑞪𑞫𑞬𑞭𑞮𑞯𑞰𑞱𑞲𑞳𑞴𑞵𑞶𑞷𑞸𑞹𑞺𑞻𑞼𑞽𑞾𑞿𑟀𑟁𑟂𑟃𑟄𑟅𑟆𑟇𑟈𑟉𑟊𑟋𑟌𑟍𑟎𑟏𑟐𑟑𑟒𑟓𑟔𑟕𑟖𑟗𑟘𑟙𑟚𑟛𑟜𑟝𑟞𑟟𑟠𑟡𑟢𑟣𑟤𑟥𑟦𑟧𑟨𑟩𑟪𑟫𑟬𑟭𑟮𑟯𑟰𑟱𑟲𑟳𑟴𑟵𑟶𑟷𑟸𑟹𑟺𑟻𑟼𑟽𑟾𑟿𑠀𑠁𑠂𑠃𑠄𑠅𑠆𑠇𑠈𑠉𑠊𑠋𑠌𑠍𑠎𑠏𑠐𑠑𑠒𑠓𑠔𑠕𑠖𑠗𑠘𑠙𑠚𑠛𑠜𑠝𑠞𑠟𑠠𑠡𑠢𑠣𑠤𑠥𑠦𑠧𑠨𑠩𑠪𑠫𑠬𑠭𑠮𑠯𑠰𑠱𑠲𑠳𑠴𑠵𑠶𑠷𑠸𑠺𑠹𑠻𑠼𑠽𑠾𑠿𑡀𑡁𑡂𑡃𑡄𑡅𑡆𑡇𑡈𑡉𑡊𑡋𑡌𑡍𑡎𑡏𑡐𑡑𑡒𑡓𑡔𑡕𑡖𑡗𑡘𑡙𑡚𑡛𑡜𑡝𑡞𑡟𑡠𑡡𑡢𑡣𑡤𑡥𑡦𑡧𑡨𑡩𑡪𑡫𑡬𑡭𑡮𑡯𑡰𑡱𑡲𑡳𑡴𑡵𑡶𑡷𑡸𑡹𑡺𑡻𑡼𑡽𑡾𑡿𑢀𑢁𑢂𑢃𑢄𑢅𑢆𑢇𑢈𑢉𑢊𑢋𑢌𑢍𑢎𑢏𑢐𑢑𑢒𑢓𑢔𑢕𑢖𑢗𑢘𑢙𑢚𑢛𑢜𑢝𑢞𑢟𑢠𑢡𑢢𑢣𑢤𑢥𑢦𑢧𑢨𑢩𑢪𑢫𑢬𑢭𑢮𑢯𑢰𑢱𑢲𑢳𑢴𑢵𑢶𑢷𑢸𑢹𑢺𑢻𑢼𑢽𑢾𑢿𑣀𑣁𑣂𑣃𑣄𑣅𑣆𑣇𑣈𑣉𑣊𑣋𑣌𑣍𑣎𑣏𑣐𑣑𑣒𑣓𑣔𑣕𑣖𑣗𑣘𑣙𑣚𑣛𑣜𑣝𑣞𑣟𑣠𑣡𑣢𑣣𑣤𑣥𑣦𑣧𑣨𑣩𑣪𑣫𑣬𑣭𑣮𑣯𑣰𑣱𑣲𑣳𑣴𑣵𑣶𑣷𑣸𑣹𑣺𑣻𑣼𑣽𑣾𑣿𑤀𑤁𑤂𑤃𑤄𑤅𑤆𑤇𑤈𑤉𑤊𑤋𑤌𑤍𑤎𑤏𑤐𑤑𑤒𑤓𑤔𑤕𑤖𑤗𑤘𑤙𑤚𑤛𑤜𑤝𑤞𑤟𑤠𑤡𑤢𑤣𑤤𑤥𑤦𑤧𑤨𑤩𑤪𑤫𑤬𑤭𑤮𑤯𑤰𑤱𑤲𑤳𑤴𑤵𑤶𑤷𑤸𑤹𑤺𑤻𑤼𑤽𑤾𑤿𑥀𑥁𑥂𑥃𑥄𑥅𑥆𑥇𑥈𑥉𑥊𑥋𑥌𑥍𑥎𑥏𑥐𑥑𑥒𑥓𑥔𑥕𑥖𑥗𑥘𑥙𑥚𑥛𑥜𑥝𑥞𑥟𑥠𑥡𑥢𑥣𑥤𑥥𑥦𑥧𑥨𑥩𑥪𑥫𑥬𑥭𑥮𑥯𑥰𑥱𑥲𑥳𑥴𑥵𑥶𑥷𑥸𑥹𑥺𑥻𑥼𑥽𑥾𑥿𑦀𑦁𑦂𑦃𑦄𑦅𑦆𑦇𑦈𑦉𑦊𑦋𑦌𑦍𑦎𑦏𑦐𑦑𑦒𑦓𑦔𑦕𑦖𑦗𑦘𑦙𑦚𑦛𑦜𑦝𑦞𑦟𑦠𑦡𑦢𑦣𑦤𑦥𑦦𑦧𑦨𑦩𑦪𑦫𑦬𑦭𑦮𑦯𑦰𑦱𑦲𑦳𑦴𑦵𑦶𑦷𑦸𑦹𑦺𑦻𑦼𑦽𑦾𑦿𑧀𑧁𑧂𑧃𑧄𑧅𑧆𑧇𑧈𑧉𑧊𑧋𑧌𑧍𑧎𑧏𑧐𑧑𑧒𑧓𑧔𑧕𑧖𑧗𑧘𑧙𑧚𑧛𑧜𑧝𑧞𑧟𑧠𑧡𑧢𑧣𑧤𑧥𑧦𑧧𑧨𑧩𑧪𑧫𑧬𑧭𑧮𑧯𑧰𑧱𑧲𑧳𑧴𑧵𑧶𑧷𑧸𑧹𑧺𑧻𑧼𑧽𑧾𑧿𑨀𑨁𑨂𑨃𑨄𑨅𑨆𑨇𑨈𑨉𑨊𑨋𑨌𑨍𑨎𑨏𑨐𑨑𑨒𑨓𑨔𑨕𑨖𑨗𑨘𑨙𑨚𑨛𑨜𑨝𑨞𑨟𑨠𑨡𑨢𑨣𑨤𑨥𑨦𑨧𑨨𑨩𑨪𑨫𑨬𑨭𑨮𑨯𑨰𑨱𑨲𑨳𑨴𑨵𑨶𑨷𑨸𑨹𑨺𑨻𑨼𑨽𑨾𑨿𑩀𑩁𑩂𑩃𑩄𑩅𑩆𑩇𑩈𑩉𑩊𑩋𑩌𑩍𑩎𑩏𑩐𑩑𑩒𑩓𑩔𑩕𑩖𑩗𑩘𑩙𑩚𑩛𑩜𑩝𑩞𑩟𑩠𑩡𑩢𑩣𑩤𑩥𑩦𑩧𑩨𑩩𑩪𑩫𑩬𑩭𑩮𑩯𑩰𑩱𑩲𑩳𑩴𑩵𑩶𑩷𑩸𑩹𑩺𑩻𑩼𑩽𑩾𑩿𑪀

$$\text{𑂔𑂱𑂔} + \text{𑂔𑂱} = \text{𑂔𑂱𑂔}$$

## 6.1 List of Unicode codepoints

For command `\brtransuc {}`.

[Brahmi]			
U+11000 $\mapsto$ .	U+1101B $\mapsto$ 𑂔	U+11037 $\mapsto$ 𑂔	U+11056 $\mapsto$ 𑂔
U+11001 $\mapsto$ .	U+1101C $\mapsto$ 𑂔	U+11038 $\mapsto$ 𑂔	U+11057 $\mapsto$ 𑂔
U+11002 $\mapsto$ .	U+1101D $\mapsto$ 𑂔	U+11039 $\mapsto$ 𑂔	U+11058 $\mapsto$ 𑂔
U+11003 $\mapsto$ 𑂔	U+1101E $\mapsto$ 𑂔	U+1103A $\mapsto$ 𑂔	U+11059 $\mapsto$ 𑂔
U+11004 $\mapsto$ 𑂔	U+1101F $\mapsto$ 𑂔	U+1103B $\mapsto$ 𑂔	U+1105A $\mapsto$ 𑂔
U+11005 $\mapsto$ 𑂔	U+11020 $\mapsto$ 𑂔	U+1103C $\mapsto$ 𑂔	U+1105B $\mapsto$ 𑂔
U+11006 $\mapsto$ 𑂔	U+11021 $\mapsto$ 𑂔	U+1103D $\mapsto$ 𑂔	U+1105C $\mapsto$ 𑂔
U+11007 $\mapsto$ .	U+11022 $\mapsto$ 𑂔	U+1103E $\mapsto$ 𑂔	U+1105D $\mapsto$ 𑂔
U+11008 $\mapsto$ .	U+11023 $\mapsto$ 𑂔	U+1103F $\mapsto$ 𑂔	U+1105E $\mapsto$ 𑂔
U+11009 $\mapsto$ 𑂔	U+11024 $\mapsto$ 𑂔	U+11040 $\mapsto$ 𑂔	U+1105F $\mapsto$ 𑂔
U+1100A $\mapsto$ 𑂔	U+11025 $\mapsto$ 𑂔	U+11041 $\mapsto$ 𑂔	U+11060 $\mapsto$ 𑂔
U+1100B $\mapsto$ 𑂔	U+11026 $\mapsto$ 𑂔	U+11042 $\mapsto$ 𑂔	U+11061 $\mapsto$ 𑂔
U+1100C $\mapsto$ 𑂔	U+11027 $\mapsto$ 𑂔	U+11043 $\mapsto$ 𑂔	U+11062 $\mapsto$ 𑂔
U+1100D $\mapsto$ 𑂔	U+11028 $\mapsto$ 𑂔	U+11044 $\mapsto$ 𑂔	U+11063 $\mapsto$ 𑂔
U+1100E $\mapsto$ 𑂔	U+11029 $\mapsto$ 𑂔	U+11045 $\mapsto$ 𑂔	U+11064 $\mapsto$ 𑂔
U+1100F $\mapsto$ 𑂔	U+1102A $\mapsto$ 𑂔	U+11046 $\mapsto$ 𑂔	U+11065 $\mapsto$ 𑂔
U+11010 $\mapsto$ 𑂔	U+1102B $\mapsto$ 𑂔	U+11047 $\mapsto$ 𑂔	U+11066 $\mapsto$ 𑂔
U+11011 $\mapsto$ 𑂔	U+1102C $\mapsto$ 𑂔	U+11048 $\mapsto$ 𑂔	U+11067 $\mapsto$ 𑂔
U+11012 $\mapsto$ 𑂔	U+1102D $\mapsto$ 𑂔	U+11049 $\mapsto$ 𑂔	U+11068 $\mapsto$ 𑂔
U+11013 $\mapsto$ 𑂔	U+1102E $\mapsto$ 𑂔	U+1104A $\mapsto$ 𑂔	U+11069 $\mapsto$ 𑂔
U+11014 $\mapsto$ 𑂔	U+1102F $\mapsto$ 𑂔	U+1104B $\mapsto$ 𑂔	U+1106A $\mapsto$ 𑂔
U+11015 $\mapsto$ 𑂔	U+11030 $\mapsto$ 𑂔	U+1104C $\mapsto$ 𑂔	U+1106B $\mapsto$ 𑂔
U+11016 $\mapsto$ 𑂔	U+11031 $\mapsto$ 𑂔	U+1104D $\mapsto$ 𑂔	U+1106C $\mapsto$ 𑂔
U+11017 $\mapsto$ 𑂔	U+11032 $\mapsto$ 𑂔	U+11052 $\mapsto$ 𑂔	U+1106D $\mapsto$ 𑂔
U+11018 $\mapsto$ 𑂔	U+11033 $\mapsto$ 𑂔	U+11053 $\mapsto$ 𑂔	U+1106E $\mapsto$ 𑂔
U+11019 $\mapsto$ 𑂔	U+11034 $\mapsto$ 𑂔	U+11054 $\mapsto$ 𑂔	U+1106F $\mapsto$ 𑂔
U+1101A $\mapsto$ 𑂔	U+11035 $\mapsto$ 𑂔	U+11055 $\mapsto$ 𑂔	U+1107F $\mapsto$ 𑂔
	U+11036 $\mapsto$ 𑂔		[End of List]

## 6.2 List of Unicode names

For command `\brtransun {}`.

[Brahmi]			
candrabindu $\mapsto$ .	upadhmaniya $\mapsto$ 𑂔	letterii $\mapsto$ .	lettervocalicrr $\mapsto$ 𑂔
anusvara $\mapsto$ .	lettera $\mapsto$ 𑂔	letteru $\mapsto$ 𑂔	lettervocalicl $\mapsto$ 𑂔
visarga $\mapsto$ .	letteraa $\mapsto$ 𑂔	letteruu $\mapsto$ 𑂔	lettervocalicll $\mapsto$ 𑂔
jihvamuliya $\mapsto$ 𑂔	letteri $\mapsto$ .	lettervocalicr $\mapsto$ 𑂔	

?	pha ↦ ॐ	vocalicll ↦ ॐ	thirty ↦ ३
lettere ↦ Δ	ba ↦ □	e ↦ -	forty ↦ ४
letterai ↦ Δ	bha ↦ 𑀕	ai ↦ =	fifty ↦ ५
lettero ↦ 𑀕	ma ↦ 𑀭	o ↦ --	sixty ↦ ६
letterau ↦ 𑀕	ya ↦ 𑀮	au ↦ ==	seventy ↦ ७
ka ↦ +	ra ↦	virama ↦ -	eighty ↦ ८
kha ↦ 𑀓	la ↦ 𑀕	danda ↦	ninety ↦ ९
ga ↦ 𑀓	va ↦ 𑀕	doubledanda ↦	onehundred ↦ १
gha ↦ 𑀓	sha ↦ 𑀓	dot ↦ -	onethousand ↦ १
nga ↦ 𑀓	ssa ↦ 𑀓	doubledot ↦ =	digitzero ↦ 0
ca ↦ 𑀓	sa ↦ 𑀓	line ↦ —	digitone ↦ 1
cha ↦ 𑀓	ha ↦ 𑀓	crescentbar ↦ 𑀓	digittwo ↦ 2
ja ↦ 𑀓	lla ↦ 𑀓	lotus ↦ 𑀓	digittthree ↦ 3
jha ↦ 𑀓	oldtamillla ↦ 𑀓	one ↦ —	digitfour ↦ 4
nya ↦ 𑀓	oldtamilrra ↦ 𑀓	two ↦ ==	digitfive ↦ 5
nta ↦ 𑀓	oldtamilnna ↦ 𑀓	three ↦ ≡	digitsix ↦ 6
ttha ↦ 𑀓	aa ↦ -	four ↦ ++	digitseven ↦ 7
dda ↦ 𑀓	bhattiproluaa ↦ 𑀓	five ↦ 𑀓	digiteight ↦ 8
ddha ↦ 𑀓	i ↦ 𑀓	six ↦ 𑀓	digitnine ↦ 9
nna ↦ 𑀓	ii ↦ 𑀓	seven ↦ 𑀓	joiner ↦ 𑀓
ta ↦ 𑀓	u ↦ -	eight ↦ 𑀓	
tha ↦ 𑀓	uu ↦ =	nine ↦ 𑀓	
da ↦ 𑀓	vocalicr ↦ 𑀓	ten ↦ 𑀓	
dha ↦ 𑀓	vocalicrr ↦ 𑀓	twenty ↦ 𑀓	
na ↦ 𑀓	vocalicl ↦ 𑀓		
pa ↦ 𑀓			

[End of List]

### 6.3 List of Typing Shortcuts

For command \brtransts {}.

[Brahmi]	lvrr ↦ X	ch ↦ 𑀓	dh ↦ D
cb ↦ :	lvl ↦ ?	j ↦ 𑀓	n ↦ 𑀓
as ↦ :	lvll ↦ ?	jh ↦ 𑀓	p ↦ 𑀓
vis ↦ :	le ↦ Δ	ny ↦ 𑀓	ph ↦ 𑀓
jm ↦ X	lai ↦ Δ	tt ↦ 𑀓	b ↦ 𑀓
upd ↦ ⊗	lo ↦ 𑀓	tth ↦ 𑀓	bh ↦ 𑀓
la ↦ 𑀓	lau ↦ 𑀓	dd ↦ 𑀓	m ↦ 𑀓
laa ↦ 𑀓	k ↦ +	ddh ↦ 𑀓	y ↦ 𑀓
li ↦ ::	kh ↦ 𑀓	nn ↦ 𑀓	r ↦ 𑀓
lii ↦ ::	g ↦ 𑀓	t ↦ 𑀓	l ↦ 𑀓
lu ↦ 𑀓	gh ↦ 𑀓	th ↦ 𑀓	v ↦ 𑀓
luu ↦ 𑀓	ng ↦ 𑀓	d ↦ 𑀓	sh ↦ 𑀓
lvrr ↦ X	c ↦ 𑀓		ss ↦ 𑀓

s ↦	vll ↦	3 ↦	90 ↦
h ↦	e ↦	4 ↦	100 ↦
ll ↦	ai ↦	5 ↦	1000 ↦
otlll ↦	o ↦	6 ↦	d0 ↦
otrr ↦	au ↦	7 ↦	d1 ↦
otnnn ↦	vir ↦	8 ↦	d2 ↦
aa ↦	dan ↦	9 ↦	d3 ↦
bhaa ↦	ddam ↦	10 ↦	d4 ↦
i ↦	dot ↦	20 ↦	d5 ↦
ii ↦	ddot ↦	30 ↦	d6 ↦
u ↦	line ↦	40 ↦	d7 ↦
uu ↦	crbar ↦	50 ↦	d8 ↦
vr ↦	lotus ↦	60 ↦	d9 ↦
vrr ↦	1 ↦	70 ↦	joiner ↦
vl ↦	2 ↦	80 ↦	[End of List]

## 7 Carian

### 7.1 List of Unicode codepoints

For command `\catransuc {}`.

[Carian]	U+102AC ↦	U+102B9 ↦	U+102C6 ↦
U+102A0 ↦	U+102AD ↦	U+102BA ↦	U+102C7 ↦
U+102A1 ↦	U+102AE ↦	U+102BB ↦	U+102C8 ↦
U+102A2 ↦	U+102AF ↦	U+102BC ↦	U+102C9 ↦
U+102A3 ↦	U+102B0 ↦	U+102BD ↦	U+102CA ↦
U+102A4 ↦	U+102B1 ↦	U+102BE ↦	U+102CB ↦
U+102A5 ↦	U+102B2 ↦	U+102BF ↦	U+102CC ↦
U+102A6 ↦	U+102B3 ↦	U+102C0 ↦	U+102CD ↦
U+102A7 ↦	U+102B4 ↦	U+102C1 ↦	U+102CE ↦
U+102A8 ↦	U+102B5 ↦	U+102C2 ↦	U+102CF ↦
U+102A9 ↦	U+102B6 ↦	U+102C3 ↦	U+102D0 ↦
U+102AA ↦	U+102B7 ↦	U+102C4 ↦	[End of List]
U+102AB ↦	U+102B8 ↦	U+102C5 ↦	

### 7.2 List of Unicode names

For command `\catransun {}`.

[Carian]	d ↦	r ↦	q ↦
a ↦	l ↦	ld ↦	b ↦
p2 ↦	uuu ↦	a2 ↦	m ↦

o→O	n→Y	uu→Π	uuu2→I <sup>1</sup>
d2→C	tt2→Ω	g→Σ	rr→6
t→Q	p→Δ	g2→X	mb→V
sh→d	ss→⊙	st→C	mb2→J
sh2→P	i→⊖	st2→S	mb3→4
s→M	e→□	ng→X	mb4→J
c18→T	uuuu→𐎧	ii→H	ld2→A
u→Y	k→▽	c39→z	e2→H
nn→Φ	k2→Y	tt→↑	uuu3→𐎧
x→X	nd→^		[End of List]

## 8 Cuneiform

𐎶𐎶𐎶𐎶, ERÍN *ma-an-da*, ‘the Ummān-manda’, ‘troops of the terrain (of the distant eastern zone)’.<sup>2</sup> Mnemonic: ‘the humans of the mountains’, mountain hordes.

𐎶𐎶𐎶𐎶

### 8.1 List of Unicode codepoints

































































































































For command \cutransuc {}.

[Cuneiform]	U+12010→	U+1201F→	U+1202E→
U+12000→	U+12011→	U+12020→	U+1202F→
U+12001→	U+12012→	U+12021→	U+12030→
U+12002→	U+12013→	U+12022→	U+12031→
U+12003→	U+12014→	U+12023→	U+12032→
U+12004→	U+12015→	U+12024→	U+12033→
U+12005→	U+12016→	U+12025→	U+12034→
U+12006→	U+12017→	U+12026→	U+12035→
U+12007→	U+12018→	U+12027→	U+12036→
U+12008→	U+12019→	U+12028→	U+12037→
U+12009→	U+1201A→	U+12029→	U+12038→
U+1200A→	U+1201B→	U+1202A→	U+12039→
U+1200B→	U+1201C→	U+1202B→	U+1203A→
U+1200C→	U+1201D→	U+1202C→	U+1203B→
U+1200D→	U+1201E→	U+1202D→	
U+1200E→			
U+1200F→			

<sup>2</sup>Transliteration and proposed translation: Selim F Adalı (2009). ‘Ummān-manda and its Significance in the First Millennium B.C.’. PhD thesis. University of Sydney. URL: <https://ses.library.usyd.edu.au/bitstream/handle/2123/4890/sf-adali-2009-thesis.pdf>.

U+1203C→		U+1205E→		U+1207F→		U+120A1→	
U+1203D→		U+1205F→		U+12080→		U+120A2→	
U+1203E→		U+12060→		U+12081→		U+120A3→	
U+1203F→		U+12061→		U+12082→		U+120A4→	
U+12040→		U+12062→		U+12083→		U+120A5→	
U+12041→		U+12063→		U+12084→		U+120A6→	
U+12042→		U+12064→		U+12085→		U+120A7→	
U+12043→		U+12065→		U+12086→		U+120A8→	
U+12044→		U+12066→		U+12087→		U+120A9→	
U+12045→		U+12067→		U+12088→		U+120AA→	
U+12046→		U+12068→		U+12089→		U+120AB→	
U+12047→		U+12069→		U+1208A→		U+120AC→	
U+12048→		U+1206A→		U+1208B→		U+120AD→	
U+12049→		U+1206B→		U+1208C→		U+120AE→	
U+1204A→		U+1206C→		U+1208D→		U+120AF→	
U+1204B→		U+1206D→		U+1208E→		U+120B0→	
U+1204C→		U+1206E→		U+1208F→		U+120B1→	
U+1204D→		U+1206F→		U+12090→		U+120B2→	
U+1204E→		U+12070→		U+12091→		U+120B3→	
U+1204F→		U+12071→		U+12092→		U+120B4→	
U+12050→		U+12072→		U+12093→		U+120B5→	
U+12051→		U+12073→		U+12094→		U+120B6→	
U+12052→		U+12074→		U+12095→		U+120B7→	
U+12053→		U+12075→		U+12096→		U+120B8→	
U+12054→		U+12076→		U+12097→		U+120B9→	
U+12055→		U+12077→		U+12098→		U+120BA→	
U+12056→		U+12078→		U+12099→		U+120BB→	
U+12057→		U+12079→		U+1209A→		U+120BC→	
U+12058→		U+1207A→		U+1209B→		U+120BD→	
U+12059→		U+1207B→		U+1209C→		U+120BE→	
U+1205A→		U+1207C→		U+1209D→		U+120BF→	
U+1205B→		U+1207D→		U+1209E→		U+120C0→	
U+1205C→		U+1207E→		U+1209F→		U+120C1→	
U+1205D→				U+120A0→			
























































































































U+120C2→		U+120E2→		U+12100→		U+12120→	
U+120C3→		U+120E3→		U+12101→		U+12121→	
U+120C4→		U+120E4→		U+12102→		U+12122→	
U+120C5→		U+120E5→		U+12103→		U+12123→	
U+120C6→		U+120E6→		U+12104→		U+12124→	
U+120C7→		U+120E7→		U+12105→		U+12125→	
U+120C8→		U+120E8→		U+12106→		U+12126→	
U+120C9→		U+120E9→		U+12107→		U+12127→	
U+120CA→		U+120EA→		U+12108→		U+12128→	
U+120CB→		U+120EB→		U+12109→		U+12129→	
U+120CC→		U+120EC→		U+1210A→		U+1212A→	
U+120CD→		U+120ED→		U+1210B→		U+1212B→	
U+120CE→		U+120EE→		U+1210C→		U+1212C→	
U+120CF→		U+120EF→		U+1210D→		U+1212D→	
U+120D0→		U+120F0→		U+1210E→		U+1212E→	
U+120D1→		U+120F1→		U+1210F→		U+1212F→	
U+120D2→		U+120F2→		U+12110→		U+12130→	
U+120D3→		U+120F3→		U+12111→		U+12131→	
U+120D4→		U+120F4→		U+12112→		U+12132→	
U+120D5→		U+120F5→		U+12113→		U+12133→	
U+120D6→		U+120F6→		U+12114→		U+12134→	
U+120D7→		U+120F7→		U+12115→		U+12135→	
U+120D8→		U+120F8→		U+12116→		U+12136→	
U+120D9→		U+120F9→		U+12117→		U+12137→	
U+120DA→		U+120FA→		U+12118→		U+12138→	
U+120DB→		U+120FB→		U+12119→		U+12139→	
U+120DC→		U+120FC→		U+1211A→		U+1213A→	
U+120DD→		U+120FD→		U+1211B→		U+1213B→	
U+120DE→		U+120FE→		U+1211C→		U+1213C→	
U+120DF→		U+120FF→		U+1211D→		U+1213D→	
U+120E0→				U+1211E→		U+1213E→	
U+120E1→				U+1211F→		U+1213F→	
						U+12140→	
						U+12141→	
						U+12142→	
						U+12143→	

U+12144→		U+12166→		U+1218E→		U+121AE→	
U+12145→		U+12167→		U+1218F→		U+121AF→	
U+12146→		U+12168→		U+12190→		U+121B0→	
U+12147→		U+12169→		U+12191→		U+121B1→	
U+12148→		U+1216A→		U+12192→		U+121B2→	
U+12149→		U+1216B→		U+12193→		U+121B3→	
U+1214A→		U+1216C→		U+12194→		U+121B4→	
U+1214B→		U+1216D→		U+12195→		U+121B5→	
U+1214C→		U+1216E→		U+12196→		U+121B6→	
U+1214D→		U+1216F→		U+12197→		U+121B7→	
U+1214E→		U+12170→		U+12198→		U+121B8→	
U+1214F→		U+12171→		U+12199→		U+121BA→	
U+12150→		U+12172→		U+1219A→		U+121BB→	
U+12151→		U+12173→		U+1219B→		U+121BC→	
U+12152→		U+12174→		U+1219C→		U+121BD→	
U+12153→		U+12175→		U+1219D→		U+121BE→	
U+12154→		U+12176→		U+1219E→		U+121BF→	
U+12155→		U+12177→		U+1219F→		U+121C0→	
U+12156→		U+12178→		U+121A0→		U+121C1→	
U+12157→		U+12179→		U+121A1→		U+121C2→	
U+12158→		U+1217A→		U+121A2→		U+121C3→	
U+12159→		U+1217B→		U+121A3→		U+121C4→	
U+1215A→		U+1217C→		U+121A4→		U+121C5→	
U+1215B→		U+1217D→		U+121A5→		U+121C6→	
U+1215C→		U+1217E→		U+121A6→		U+121C7→	
U+1215D→		U+1217F→		U+121A7→		U+121C8→	
U+1215E→		U+12180→		U+121A8→		U+121C9→	
U+1215F→		U+12181→		U+121A9→		U+121CA→	
U+12160→		U+12182→		U+121AA→		U+121CB→	
U+12161→		U+12183→		U+121AB→		U+121CC→	
U+12162→		U+12184→		U+121AC→		U+121CD→	
U+12163→		U+12185→		U+121AD→		U+121CE→	
U+12164→		U+12186→				U+121CF→	
U+12165→		U+12187→				U+121D0→	
		U+12188→				U+121D1→	
		U+12189→				U+121D2→	
		U+1218A→				U+121D3→	
		U+1218B→				U+121D4→	
		U+1218C→					
		U+1218D→					

U+121D5→	U+121FC→	U+1221F→	U+12243→
U+121D6→	U+121FD→	U+12220→	U+12244→
U+121D7→	U+121FE→	U+12221→	U+12245→
U+121D8→	U+121FF→	U+12222→	U+12246→
U+121D9→	U+12200→	U+12223→	U+12247→
U+121DA→	U+12201→	U+12224→	U+12248→
U+121DB→	U+12202→	U+12225→	U+12249→
U+121DC→	U+12203→	U+12226→	U+1224A→
U+121DD→	U+12204→	U+12227→	U+1224B→
U+121DE→	U+12205→	U+12228→	U+1224C→
U+121DF→	U+12206→	U+12229→	U+1224D→
U+121E0→	U+12207→	U+1222A→	U+1224E→
U+121E1→	U+12208→	U+1222B→	U+1224F→
U+121E2→	U+12209→	U+1222C→	U+12250→
U+121E3→	U+1220A→	U+1222D→	U+12251→
U+121E4→	U+1220B→	U+1222E→	U+12252→
U+121E5→	U+1220C→	U+1222F→	U+12253→
U+121E6→	U+1220D→	U+12230→	U+12254→
U+121E7→	U+1220E→	U+12231→	U+12255→
U+121E8→	U+1220F→	U+12232→	U+12256→
U+121E9→	U+12210→	U+12233→	U+12257→
U+121EA→	U+12211→	U+12234→	U+12258→
U+121EB→	U+12212→	U+12235→	U+12259→
U+121EC→	U+12213→	U+12236→	U+1225A→
U+121ED→	U+12214→	U+12237→	U+1225B→
U+121EE→	U+12215→	U+12238→	U+1225C→
U+121EF→	U+12216→	U+12239→	U+1225D→
U+121F0→	U+12217→	U+1223A→	U+1225E→
U+121F1→	U+12218→	U+1223B→	U+1225F→
U+121F2→	U+12219→	U+1223C→	U+12260→
U+121F3→	U+1221A→	U+1223D→	U+12261→
U+121F4→	U+1221B→	U+1223E→	U+12262→
U+121F5→	U+1221C→	U+1223F→	U+12263→
U+121F6→	U+1221D→	U+12240→	U+12264→
U+121F7→	U+1221E→	U+12241→	U+12265→
U+121F8→		U+12242→	U+12266→
U+121F9→			
U+121FA→			
U+121FB→			

U+12267→		U+12286→		U+122AB→		U+122CD→	
U+12268→		U+12287→		U+122AC→		U+122CE→	
U+12269→		U+12288→		U+122AD→		U+122CF→	
U+1226A→		U+12289→		U+122AE→		U+122D0→	
U+1226B→		U+1228A→		U+122AF→		U+122D1→	
U+1226C→		U+1228B→		U+122B0→		U+122D2→	
U+1226D→		U+1228C→		U+122B1→		U+122D3→	
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U+1226F→		U+1228E→		U+122B3→		U+122D5→	
U+12270→		U+1228F→		U+122B4→		U+122D6→	
U+12271→		U+12290→		U+122B5→		U+122D7→	
U+12272→		U+12291→		U+122B6→		U+122D8→	
U+12273→		U+12292→		U+122B7→		U+122D9→	
U+12274→		U+12293→		U+122B8→		U+122DA→	
U+12275→		U+12294→		U+122B9→		U+122DB→	
U+12276→		U+12295→		U+122BA→		U+122DC→	
U+12277→		U+12296→		U+122BB→		U+122DD→	
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U+12279→		U+12298→		U+122BD→		U+122DF→	
U+1227A→		U+12299→		U+122BE→		U+122E0→	
U+1227B→		U+1229A→		U+122BF→		U+122E1→	
U+1227C→		U+1229B→		U+122C0→		U+122E2→	
U+1227D→		U+1229C→		U+122C1→		U+122E3→	
U+1227E→		U+1229D→		U+122C2→		U+122E4→	
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U+12280→		U+1229F→		U+122C4→		U+122E6→	
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U+12284→		U+122A3→		U+122C8→		U+122EA→	
U+12285→		U+122A4→		U+122C9→		U+122EB→	
		U+122A5→		U+122CA→		U+122EC→	
		U+122A6→		U+122CB→		U+122ED→	
		U+122A7→		U+122CC→			
		U+122A8→					
		U+122A9→					
		U+122AA→					

U+122EE→		U+12311→		U+12334→		U+12354→	
U+122EF→		U+12312→		U+12335→		U+12355→	
U+122F0→		U+12313→		U+12336→		U+12356→	
U+122F1→		U+12314→		U+12337→		U+12357→	
U+122F2→		U+12315→		U+12338→		U+12358→	
U+122F3→		U+12316→		U+12339→		U+12359→	
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U+122F5→		U+12318→		U+1233B→		U+1235B→	
U+122F6→		U+12319→		U+1233C→		U+1235C→	
U+122F7→		U+1231A→		U+1233D→		U+1235D→	
U+122F8→		U+1231B→		U+1233E→		U+1235E→	
U+122F9→		U+1231C→		U+1233F→		U+1235F→	
U+122FA→		U+1231D→		U+12340→		U+12360→	
U+122FB→		U+1231E→		U+12341→		U+12361→	
U+122FC→		U+1231F→		U+12342→		U+12362→	
U+122FD→		U+12320→		U+12343→		U+12363→	
U+122FE→		U+12321→		U+12344→		U+12364→	
U+122FF→		U+12322→		U+12345→		U+12365→	
U+12300→		U+12323→		U+12346→		U+12366→	
U+12301→		U+12324→		U+12347→		U+12367→	
U+12302→		U+12325→		U+12348→		U+12368→	
U+12303→		U+12326→		U+12349→		U+12369→	
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U+12306→		U+12329→		U+1234C→		U+1236C→	
U+12307→		U+1232A→		U+1234D→		U+1236D→	
U+12308→		U+1232B→		U+1234E→		U+1236E→	
U+12309→		U+1232C→		U+1234F→		U+1236F→	
U+1230A→		U+1232D→		U+12350→		U+12370→	
U+1230B→		U+1232E→		U+12351→		U+12371→	
U+1230C→		U+1232F→		U+12352→		U+12372→	
U+1230D→		U+12330→		U+12353→		U+12373→	
U+1230E→		U+12331→				U+12374→	
U+1230F→		U+12332→				U+12375→	
U+12310→		U+12333→				U+12376→	
						U+12377→	






















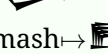






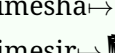










































































U+12378→	U+12380→	U+12389→	U+12392→
U+12379→	U+12381→	U+1238A→	U+12393→
U+1237A→	U+12382→	U+1238B→	U+12394→
U+1237B→	U+12383→	U+1238C→	U+12395→
U+1237C→	U+12384→	U+1238D→	U+12396→
U+1237D→	U+12385→	U+1238E→	U+12397→
U+1237E→	U+12386→	U+1238F→	U+12398→
U+1237F→	U+12387→	U+12390→	U+12399→
	U+12388→	U+12391→	[End of List]

## 8.2 List of Unicode names

For command \cutransun {}.

































[Cuneiform]	
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atimesa→	ab2timesmeplusen→
atimesbad→	ab2timessha3→
atimesgan2tenu→	ab2timestak4→
atimesha→	ad→
atimesigi→	ak→
atimeslagargunu→	aktimeserin2→
atimesmush→	aktimesshitaplusgish→
atimesag→	al→
a2→	altimesal→
ab→	altimesdim2→
abtimesash2→	altimesgish→
abtimesdun3gunu→	altimesha→
abtimesgal→	altimeskad3→
abtimesgan2tenu→	altimeski→
abtimesha→	altimesse→
abtimesigigunu→	altimesush→
abtimesimin→	alan→
abtimeslagab→	aleph→
abtimesshesh→	amar→
abtimesuplusuplusu→	amartimesse→
abgunu→	an→
ab2→	anoveran→
ab2timesbalag→	
































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anplusnagaopposinganplusnaga→		erbulug→	
anplusnagasquared→		bur→	
anshe→		bur2→	
apin→		da→	
arad→		dag→	
aradtimeskur→		dagkisim5timesaplusmash→	
arkab→		dagkisim5timesamar→	
asal2→		dagkisim5timesbalag→	
ash→		dagkisim5timesbi→	
ashzidatenu→		dagkisim5timesga→	
ashkabatenu→		dagkisim5timesgaplusmash→	
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ashoverashoverash→		dagkisim5timesgir2→	
ashoverashoverashcrossingashoverash→		dagkisim5timesgud→	
ash2→		dagkisim5timesha→	
ashgab→		dagkisim5timesir→	
ba→		dagkisim5timesirpluslu→	
bad→		dagkisim5timeskak→	
bag3→		dagkisim5timesla→	
bahar2→		dagkisim5timeslu→	
bal→		dagkisim5timesluplusmash2→	
baloverbal→		dagkisim5timeslum→	
balag→		dagkisim5timesne→	
bar→		dagkisim5timespappluspap→	
bara2→		dagkisim5timesssi→	
bi→		dagkisim5timestak4→	
bitimesa→		dagkisim5timesu2plusgir2→	
bitimesgar→		dagkisim5timesush→	
bitimesigigu→		dam→	
bu→		dar→	
buoverbuab→		dara3→	
buoverbuun→		dara4→	
bucrossingbu→			

di→  
 dib→  
 dim→  
 dimtimeshe→  
 dim2→  
 din→  
 dinkaskalugunudish→  
 dish→  
 du→  
 duoverdu→  
 dugunu→  
 dusheshig→  
 dub→  
 dubtimesesh2→  
 dub2→  
 dug→  
 dugud→  
 duh→  
 dun→  
 dun3→  
 dun3gunu→  
 dun3gunugunu→  
 dun4→  
 dur2→  
 e→  
 etimespap→  
 eoverenunovernun→  
 e2→  
 e2timesaplushaplusda→  
 e2timesgar→  
 e2timesmi→  
 e2timesal→  
 e2timeshe→  
 e2timesu→













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 el→  
 en→  
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 entimesgan2tenu→  
 entimesme→  
 encrossingen→  
 enopposingen→  
 ensquared→  
 eren→  
 erin2→  
 esh2→  
 ezen→  
 ezentimesa→  
 ezentimesapluslal→  
 ezentimesaplusaltimeslal→  
 ezentimesan→  
 ezentimesbad→  
 ezentimesdun3gunu→  
 ezentimesdun3gunugunu→  
 ezentimesha→  
 ezentimeshagunu→  
 ezentimesigigunu→  
 ezentimeskaskal→  
 ezentimeskaskalsquared→  
 ezentimesku3→  
 ezentimesla→  
 ezentimeslaltimeslal→  
 ezentimesli→  
 ezentimeslu→  
 ezentimesu2→  
 ezentimesud→  
 ga→



gagunu→  
 ga2→  
 ga2timesaplushadplusha→  
 ga2timesaplusha→  
 ga2timesaplusigi→  
 ga2timesab2tenuplustab→  
 ga2timesan→  
 ga2timesash→  
 ga2timesash2plusgal→  
 ga2timesbad→  
 ga2timesbarplusra→  
 ga2timesbur→  
 ga2timesburplusra→  
 ga2timesda→  
 ga2timesdi→  
 ga2timesdimtimeshe→  
 ga2timesdub→  
 ga2timesel→  
 ga2timeselplusla→  
 ga2timesen→  
 ga2timesentimesgan2tenu→  
 ga2timesgan2tenu→  
 ga2timesgar→  
 ga2timesgi→  
 ga2timesgi4→  
 ga2timesgi4plusa→  
 ga2timesgir2plussu→  
 ga2timeshapluslupluses2→  
 ga2timeshal→  
 ga2timeshalplusla→  
 ga2timeshiplusli→  
 ga2timeshub2→

ga2timesigigunu→  
 ga2timesishplushuplusalash→  
 ga2timeskak→  
 ga2timeskaskal→  
 ga2timeskid→  
 ga2timeskidpluslal→  
 ga2timesku3plusan→  
 ga2timesla→  
 ga2timesmeplusen→  
 ga2timesmi→  
 ga2timesnun→  
 ga2timesnunovernun→  
 ga2timespa→  
 ga2timeslal→  
 ga2timesar→  
 ga2timeshe→  
 ga2timesheplustur→  
 ga2timesshid→  
 ga2timessum→  
 ga2timestak4→  
 ga2timesu→  
 ga2timesud→  
 ga2timesudplusdu→  
 ga2overga2→  
 gaba→  
 gabacrossinggaba→  
 gad→  
 gadovergadgarovergar→  
 gal→  
 galgadovergadgarovergar→  
 galam→













































































gam→  
 gan→  
 gan2→  
 gan2tenu→  
 gan2overgan2→  
 gan2crossinggan2→  
 gar→  
 gar3→  
 gashan→  
 geshtin→  
 geshtintimeskur→  
 gi→  
 gitimese→  
 gitimesu→  
 gicrossinggi→  
 gi4→  
 gi4overgi4→  
 gi4crossinggi4→  
 gidim→  
 gir2→  
 gir2gunu→  
 gir3→  
 gir3timesaplugi→  
 gir3timesgan2tenu→  
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 gisal→  
 gish→  
 gishcrossinggish→



































gishtimesbad→  
 gishtimestak4→  
 gishtenu→  
 gu→  
 gucrossinggu→  
 gu2→  
 gu2timeskak→  
 gu2timeskaktimesigigu→  
 gu2timesnun→  
 gu2timessalplustug2→  
 gu2gunu→  
 gud→  
 gudtimesaplugkur→  
 gudtimeskur→  
 gudovergudlugal→  
 gul→  
 gum→  
 gumtimesse→  
 gur→  
 gur7→  
 gurun→  
 gurush→  
 ha→  
 hatenu→  
 hagu→  
 hal→  
 hi→  
 hitimesash→  
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 hitimesse→



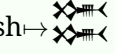































hitimesu→		ka→	
hu→		katimesa→	
hub2→		katimesad→	
hub2timesan→		katimesadplusku3→	
hub2timeshal→		katimesash2→	
hub2timeskaskal→		katimesbad→	
hub2timeslish→		katimesbalag→	
hub2timesud→		katimesbar→	
hul2→		katimesbi→	
i→		katimeserin2→	
ia→		katimesesh2→	
ib→		katimesga→	
idim→		katimesgal→	
idimoveridimbur→		katimesgan2tenu→	
idimoveridimsquared→		katimesgar→	
ig→		katimesgarplusscha3plusa→	
igi→		katimesgi→	
igidib→		katimesgir2→	
igiri→		katimesgishplussar→	
igioverigishirovershirudoverud→		katimesgishcrossinggish→	
igigunu→		katimesgu→	
il→		katimesgur7→	
iltimesgan2tenu→		katimesigi→	
il2→		katimesim→	
im→		katimeskak→	
imtimestak4→		katimeski→	
imcrossingim→		katimeskid→	
imopposingim→		katimesli→	
imsquared→		katimeslu→	
imin→		katimesme→	
in→		katimesmeplusdu→	
ir→		katimesmeplusgi→	
ish→		katimesmepluste→	
		katimesmi→	
		katimesmiplusnunuz→	
		katimesne→	
		katimesnun→	
		katimespi→	
		katimesru→	

katimessa→  
 katimessar→  
 katimessha→  
 katimesshe→  
 katimesshid→  
 katimesshu→  
 katimessig→  
 katimessuhur→  
 katimestar→  
 katimesu→  
 katimesu2→  
 katimesud→  
 katimesumumtimespa→  
 katimesush→  
 katimeszi→  
 ka2→  
 ka2crossingka2→  
 kab→  
 kad2→  
 kad3→  
 kad4→  
 kad5→  
 kad5overkad5→  
 kak→  
 kaktimesigigunu→  
 kal→  
 kaltimesbad→  
 kalcrossingkal→  
 kam2→  
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 kesh2→  
 ki→












































kitimesbad→  
 kitimesu→  
 kitimesud→  
 kid→  
 kin→  
 kisal→  
 kish→  
 kisim5→  
 kisim5overkisim5→  
 ku→  
 kuoverhitimesash2kuoverhitimesash2→  
 ku3→  
 ku4→  
 ku4variantform→  
 ku7→  
 kul→  
 kulgunu→  
 kun→  
 kur→  
 kuropposingkur→  
 kushu2→  
 kwu318→  
 la→  
 lagab→  
 lagabtimesa→  
 lagabtimesaplusdaplusha→  
 lagabtimesaplusgar→  
 lagabtimesapluslal→  
 lagabtimesal→  
 lagabtimesan→  
 lagabtimesashzidatenu→  
 lagabtimesbad→  
 lagabtimesb→  
 lagabtimesdar→  
 lagabtimesen→  
 lagabtimesga→

lagabtimesgar→		lagabsquared→	
lagabtimesgud→		lagar→	
lagabtimesgudplusgud→		lagartimesse→	
lagabtimesha→		lagartimesseplusplus→	
lagabtimeshal→		lagargunu→	
lagabtimeshitimesnun→		lagargunuoverlagargunushe→	
lagabtimesigigunu→		lahshu→	
lagabtimesim→		lal→	
lagabtimesimplusha→		laltimeslal→	
lagabtimesimpluslu→		lam→	
lagabtimeski→		lamtimeskur→	
lagabtimeskin→		lamtimeskurplusplus→	
lagabtimesku3→		li→	
lagabtimeskul→		lil→	
lagabtimeskulplushiplusa→		limmu2→	
lagabtimeslagab→		lish→	
lagabtimeslish→		lu→	
lagabtimeslu→		lutimesbad→	
lagabtimeslul→		lu2→	
lagabtimesme→		lu2timesal→	
lagabtimesmeplusen→		lu2timesbad→	
lagabtimesmush→		lu2timesesh2→	
lagabtimesne→		lu2timesesh2tenu→	
lagabtimesseplusplus→		lu2timesgan2tenu→	
lagabtimesshitaplusgishpluserin2→		lu2timeshitimesbad→	
lagabtimesshitaplusgishtenu→		lu2timesim→	
lagabtimesshu2→		lu2timeskad2→	
lagabtimesshu2plusshu2→		lu2timeskad3→	
lagabtimessum→		lu2timeskad3plusash→	
lagabtimestag→		lu2timeski→	
lagabtimestak4→		lu2timeslaplusash→	
lagabtimessteplusaplusuplusna→		lu2timeslagab→	
lagabtimesu→		lu2timesmeplusen→	
lagabtimesuplusa→		lu2timesne→	
lagabtimesuplusuplusa→		lu2timesnu→	
lagabtimesu2plusash→		lu2timesiplusash→	
lagabtimesud→		lu2timesik2plusbu→	
lagabtimesush→		lu2timestug2→	

lu2tenu→  
 lu2crossinglu2→  
 lu2opposinglu2→  
 lu2squared→  
 lu2sheshig→  
 lu3→  
 lugal→  
 lugaloverlugal→  
 lugalopposinglugal→  
 lugalsheshig→  
 luh→  
 lul→  
 lum→  
 lumoverlum→  
 lumoverlumgarovergar→  
 ma→  
 matimestak4→  
 magunu→  
 ma2→  
 mah→  
 mar→  
 mash→  
 mash2→  
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 min→  
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 mug→  
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 murgu2→  
 mush→


































mushtimesa→  
 mushtimeskur→  
 mushtimesza→  
 mushovermush→  
 mushovermushtimesa→  
 mushcrossingmush→  
 mush3→  
 mush3timesa→  
 mush3timesaplusdi→  
 mush3timesdi→  
 mush3gunu→  
 na→  
 na2→  
 naga→  
 nagainverted→  
 nagatimesshutenu→  
 nagaopposingnaga→  
 nagar→  
 namnutillu→  
 nam→  
 nam2→  
 ne→  
 netimesa→  
 netimesud→  
 nesheshig→  
 ni→  
 nitimese→  
 ni2→  
 nim→  
 nimtimesgan2tenu→  
 nimtimesgarplusgan2tenu→  
 ninda2→  
 ninda2timesan→  
 ninda2timesash→  
 ninda2timesashplusash→  
 ninda2timesgud→



































ninda2timesmeplusgan2tenu→		nunuzab2timesu2→	
ninda2timesne→		nunuzkisim5timesbi→	
ninda2timesnun→		nunuzkisim5timesbiu→	
ninda2timessehe→		pa→	
ninda2timesseheplusaan→		pad→	
ninda2timesseheplusash→		pan→	
ninda2timesseheplusashplusash→		pap→	
ninda2timesu2plusash→		pesh2→	
ninda2timesush→		pi→	
nisag→		pitimesa→	
nu→		pitimesab→	
nu11→		pitimesbi→	
nun→		pitimesbu→	
nunlagartimesgar→		pitimese→	
nunlagartimesmash→		pitimesi→	
nunlagartimesal→		pitimesb→	
nunlagartimesalovernunlagartimesal→		pitimesu→	
nunlagartimesush→		pitimesu2→	
nuntenu→		picrossingpi→	
nunovernun→		pirig→	
nuncrossingnun→		pirigtimeskal→	
nuncrossingnunlagaroverlagar→		pirigtimesud→	
nunuz→		pirigtimesza→	
nunuzab2timesashgab→		pirigopposingpirig→	
nunuzab2timesbi→		ra→	
nunuzab2timesdug→		rab→	
nunuzab2timesgud→		ri→	
nunuzab2timesigigunu→		ru→	
nunuzab2timeskad3→		sa→	
nunuzab2timesla→		sagnutillu→	
nunuzab2timesne→		sag→	
nunuzab2timesila3→		sagtimesa→	
		sagtimesdu→	
		sagtimesdub→	
		sagtimesha→	

sagtimeskak→	
sagtimeskur→	
sagtimeslum→	
sagtimesmi→	
sagtimesnun→	
sagtimesal→	
sagtimesshid→	
sagtimesab→	
sagtimesu2→	
sagtimesub→	
sagtimesum→	
sagtimesur→	
sagtimesush→	
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sal→	
sallagabtimesash2→	
sanga2→	
sar→	
sha→	
sha3→	
sha3timesa→	
sha3timesbad→	
sha3timesgish→	
sha3timesne→	
sha3timesshu2→	
sha3timestur→	
sha3timesu→	
sha3timesuplusa→	
sha6→	
shab6→	
shar2→	
she→	
shehu→	
sheovershegadovergadgarovergar→	
sheovershetabovetabgarovergar→	
sheg9→	
shen→	
shesh→	
shesh2→	
sheshlam→	
shid→	
shidtimesa→	
shidtimesim→	
shim→	
shimtimesa→	
shimtimesbal→	
shimtimesbulug→	
shimtimesdin→	
shimtimesgar→	
shimtimesigi→	
shimtimesigigunu→	
shimtimeskushu2→	
shimtimeslul→	
shimtimesmug→	
shimtimesal→	
shinig→	
shir→	
shirtenu→	
shirovershirburoverbur→	
shita→	
shu→	
shuoverinvertedshu→	
shu2→	
shubur→	
si→	
sigunu→	
sig→	
sig→	



sig4oversig4shu2→	
sik2→	
sila3→	
su→	
suoversu→	
sud→	
sud2→	
suhur→	
sum→	
sumash→	
sur→	
sur9→	
ta→	
taasterisk→	
tatimeshi→	
tatimesmi→	
tagunu→	
tab→	
tabovertabniovernidishoverdish→	
tabsquared→	
tag→	
tagtimesbi→	
tagtimesgud→	
tagtimesse→	
tagtimesshu→	
tagtimestug2→	
tagtimesud→	
tak4→	
tar→	
te→	
tegunu→	
ti→	
titenu→	
til→	
tir→	
tirtimestak4→	
tirovertir→	
tirovertirgadovergadgarovergar→	
tu→	
tug2→	
tuk→	
tum→	
tur→	
turoverturzaoverza→	
u→	
ugud→	
uuu→	
uoverupaoverpagarovergar→	
uoverusuroversur→	
uoveruureversedoverureversed→	
u2→	
ub→	
ud→	
udkushu2→	
udtimesbad→	
udtimesmi→	
udtimesplusplusu→	
udtimesplusplusugunu→	
udgunu→	
udsheshig→	
udsheshigtimesbad→	
udug→	
um→	
umtimeslagab→	
umtimesmeplusda→	
umtimessha3→	
umtimesu→	
umbin→	
umum→	

umumtimeskaskal→  
 umumtimespa→  
 un→  
 ungunu→  
 ur→  
 urcrossingur→  
 ursheshig→  
 ur2→  
 ur2timesaplusha→  
 ur2timesaplusna→  
 ur2timesal→  
 ur2timesha→  
 ur2timesnun→  
 ur2timesu2→  
 ur2timesu2plusash→  
 ur2timesu2plusbi→  
 ur4→  
 uri→  
 uri3→  
 uru→  
 urutimesa→  
 urutimesashgab→  
 urutimesbar→  
 urutimesdun→  
 urutimesga→  
 urutimesgal→  
 urutimesgan2tenu→  
 urutimesgar→  
 urutimesgu→  
 urutimesha→  
 urutimesigi→  
 urutimesim→  
 urutimesish→

urutimeski→  
 urutimeslum→  
 urutimesmin→  
 urutimespa→  
 urutimessehe→  
 urutimesig4→  
 urutimestu→  
 urutimesuplusgud→  
 urutimesud→  
 urutimesuruda→  
 uruda→  
 urudatimesu→  
 ush→  
 ushtimesa→  
 ushtimesku→  
 ushtimeskur→  
 ushtimestak4→  
 ushx→  
 ush2→  
 ushumx→  
 utuki→  
 uz3→  
 uz3timeskaskal→  
 uzu→  
 za→  
 zatenu→  
 zasquaredtimeskur→  
 zag→  
 zamx→  
 ze2→  
 zi→  
 zioverzi→  
 zi3→  
 zib→

zibkabatenu→		katimesgish→	
zig→		katimesgud→	
ziz2→		katimeshitimesash2→	
zu→		katimeslum→	
zu5→		katimespa→	
zu5timesa→		katimesshul→	
zubur→		katimestu→	
zum→		katimesur2→	
kapelamite→		lagabtimesgi→	
abtimesnun→		lu2sheshigtimesbad→	
ab2timesa→		lu2timesesh2pluslal→	
amartimeskug→		lu2timesshu→	
dagkisim5timesu2plusmash→		mesh→	
dag3→		knush3timesza→	
dishplusshu→		na4→	
dubtimesshe→		nin→	
ezentimesgud→		nin9→	
ezentimeshe→		ninda2timesbal→	
ga2timesanpluskakplusa→		ninda2timesgi→	
ga2timesash2→		nu11rotatedninetydegrees→	
ge22→		pesh2asterisk→	
gig→		pir2→	
hush→		sagtimesigigunu→	
katimesanshe→		ti2→	
katimesash3→		umtimesme→	
		uu→	
		[End of List]	

## 9 Cypriot Syllabary

### 9.1 List of Unicode codepoints

For command \cytransuc {}.

[Cypriot Syllabary]	U+10804→	𐤄	U+1080C→	𐤌	U+10811→	𐤋	
U+10800→	𐤀	U+10805→	𐤅	U+1080D→	𐤍	U+10812→	𐤐
U+10801→	𐤁	U+10808→	𐤈	U+1080E→	𐤎	U+10813→	𐤑
U+10802→	𐤂	U+1080A→	𐤊	U+1080F→	𐤏	U+10814→	𐤒
U+10803→	𐤃	U+1080B→	𐤋	U+10810→	𐤐	U+10815→	𐤓

U+10816→↯	U+10820→↯	U+10829→𐍑	U+10832→𐍶
U+10817→𐍐	U+10821→𐍑	U+1082A→𐍑	U+10833→𐍑
U+10818→𐍒	U+10822→𐍑	U+1082B→𐍑	U+10834→𐍶
U+10819→𐍑	U+10823→𐍑	U+1082C→𐍑	U+10835→𐍑
U+1081A→𐍑	U+10824→𐍑	U+1082D→𐍑	U+10837→𐍑
U+1081B→𐍑	U+10825→𐍑	U+1082E→𐍑	U+10838→𐍑
U+1081C→𐍑	U+10826→𐍑	U+1082F→𐍑	U+1083C→𐍶
U+1081D→𐍑	U+10827→𐍑	U+10830→𐍑	U+1083F→𐍶
U+1081E→𐍑	U+10828→𐍑	U+10831→𐍑	[End of List]
U+1081F→𐍑			

## 9.2 List of Unicode names

For command \cytransun {}.

[Cypriot Syllabary]	le→𐍑	pe→𐍑	ta→𐍑
a→𐍑	li→𐍑	pi→𐍑	te→𐍑
e→𐍑	lo→𐍑	po→𐍑	ti→𐍑
i→𐍑	lu→𐍑	pu→𐍑	to→𐍑
o→𐍑	ma→𐍑	ra→𐍑	tu→𐍑
u→𐍑	me→𐍑	re→𐍑	wa→𐍑
ja→𐍑	mi→𐍑	ri→𐍑	we→𐍑
jo→𐍑	mo→𐍑	ro→𐍑	wi→𐍑
ka→𐍑	mu→𐍑	ru→𐍑	wo→𐍑
ke→𐍑	na→𐍑	sa→𐍑	xa→𐍑
ki→𐍑	ne→𐍑	se→𐍑	xe→𐍑
ko→𐍑	ni→𐍑	si→𐍑	za→𐍑
ku→𐍑	no→𐍑	so→𐍑	zo→𐍑
la→𐍑	pa→𐍑	su→𐍑	[End of List]

- 10 Early Dynastic Cuneiform**
- 11 Egyptian Hieroglyphs**
- 12 Elymaic**
- 13 Glagolitic**
- 14 Gothic**
- 15 Hatran**
- 16 Imperial Aramaic**
- 17 Inscriptional Pahlavi**
- 18 Inscriptional Parthian**
- 19 Linear A**
- 20 Linear B**
- 21 Lycian**
- 22 Lydian**