

# TLG Beta Code Quick Reference Guide

Revised: January 14, 2016

This document provides a quick reference to Beta Code and its Unicode equivalents. For a comprehensive overview of Beta Code, please see the [TLG Beta Code Manual](#).

Unicode equivalents are correct as of Unicode 5.1.

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## Notes

- Grey Boxes These indicate deprecated Beta Codepoints. Light shading indicates a deprecated character that is currently in the corpus. Dark shading indicates a deprecated character that is not in the corpus.
- Red Text These indicate codepoints which have been updated since the last edition of the TLG Beta Code Quick Reference Guide.
- Green Bold Text These indicate codepoints which have been proposed for inclusion in the next update to the Unicode Standard. Caution should be used when employing these characters because definitions and codepoints may change.

## Key

- abbr abbreviated word that cannot currently be rendered in Unicode. The PUA should be used for these characters.
- idiosyn idiosyncratic characters that do not have Unicode codepoints. The PUA should be used for these characters.
- markup characters with Unicode codepoints but which require additional markup for them to display correctly.
- rare rare characters that do not have Unicode codepoints. The PUA should be used for these characters.
- non-TLG characters reserved for other projects and unused by the TLG. The TLG Project is not in possession of information about the definition or representation of these characters.

## Naming Conventions

Where there is a Unicode equivalent for the Beta Code, we have given the Unicode name. Where there is no Unicode equivalent for the Beta Code we have given the TLG's preferred name.

## Key

- indicates official Unicode alternative character names
- ▶ indicates the TLG's preferred name or alternative TLG names. These are given when the Unicode name is not clear enough to indicate the TLG's use of the character.
- informational text to help further clarify the use of a character.

## Composing and Precomposing Forms

The UTC recommends the use of composing characters for keying polytonic Greek. Wherever possible we use composing characters on our website. However, most browsers do not yet render composing characters adequately. For these browsers we have no option but to use precomposed characters for the time being. The UTC has deemed this an acceptable stop-gap solution. Once a majority of applications can render the composing characters adequately, the precomposed characters will become deprecated.

The Unicode precomposed forms of Greek letters are not listed in this guide. See [TLG Guide to Unicode Precomposed Greek Forms](#) for a comprehensive overview.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta                  | Unicode      | Name  | Beta | Unicode      | Name   |
|-----------------------|--------------|---|------|--------------|--|
| <b>Greek Alphabet</b> |              |   |      | 02BC         | Modifier Letter Apostrophe <sup>3</sup><br>‣ Non-Combining Smooth Breathing  |
| *A<br>A               | 0391<br>03B1 | Α<br>α<br>Greek Capital Letter Alpha<br>Greek Small Letter Alpha                    | (    | 0314         | Combining Reversed Comma Above<br>‣ Combining Rough Breathing  |
| *B<br>B               | 0392<br>03B2 | Β<br>β<br>Greek Capital Letter Beta<br>Greek Small Letter Beta                      | /    | 0301<br>00B4 | Combining Acute Accent<br>Acute Accent <sup>5</sup><br>‣ Non-Combining Acute Accent  |
| *C<br>C               | 039E<br>03BE | Ξ<br>ξ<br>Greek Capital Letter Xi<br>Greek Small Letter Xi                          | =    | 0342<br>1FC0 | Combining Greek Perispomeni <sup>6</sup><br>‣ Combining Circumflex Accent<br>Greek Perispomeni <sup>7</sup><br>‣ Non-Combining Circumflex Accent |
| *D<br>D               | 0394<br>03B4 | Δ<br>δ<br>Greek Capital Letter Delta<br>Greek Small Letter Delta                    | \    | 0300<br>0060 | Combining Grave Accent<br>Grave Accent <sup>8</sup><br>‣ Non-Combining Grave Accent  |
| *E<br>E               | 0395<br>03B5 | Ε<br>ε<br>Greek Capital Letter Epsilon<br>Greek Small Letter Epsilon                | +    | 0308<br>00A8 | Combining Diaeresis<br>Diaeresis<br>‣ Non-Combining Diaeresis  |
| *F<br>F               | 03A6<br>03C6 | Φ<br>φ<br>Greek Capital Letter Phi<br>Greek Small Letter Phi                        |      | 0345<br>1FBE | Combining Greek Ypogegrammeni<br>‣ Combining Iota Subscript<br>Greek Prosgegrammeni<br>‣ Non-Combining Iota Subscript                            |
| *G<br>G               | 0393<br>03B3 | Γ<br>γ<br>Greek Capital Letter Gamma<br>Greek Small Letter Gamma                    | ?    | 0323         | Combining Dot Below <sup>9</sup>   |
| *H<br>H               | 0397<br>03B7 | Η<br>η<br>Greek Capital Letter Eta<br>Greek Small Letter Eta                        | .    | 002E         | Period   |
| *I<br>I               | 0399<br>03B9 | Ι<br>ι<br>Greek Capital Letter Iota<br>Greek Small Letter Iota                      | ,    | 002C         | Comma  |
| *K<br>K               | 039A<br>03BA | Κ<br>κ<br>Greek Capital Letter Kappa<br>Greek Small Letter Kappa                    | :    | 00B7         | Middle Dot <sup>10</sup><br>‣ Greek Middle Dot (Ano Teleia)<br>‣ Greek Colon   |
| *L<br>L               | 039B<br>03BB | Λ<br>λ<br>Greek Capital Letter Lambda<br>Greek Small Letter Lambda                  |      |              |  |
| *M<br>M               | 039C<br>03BC | Μ<br>μ<br>Greek Capital Letter Mu<br>Greek Small Letter Mu                          |      |              |  |
| *N<br>N               | 039D<br>03BD | Ν<br>ν<br>Greek Capital Letter Nu<br>Greek Small Letter Nu                          |      |              |  |
| *O<br>O               | 039F<br>03BF | Ο<br>ο<br>Greek Capital Letter Omicron<br>Greek Small Letter Omicron                |      |              |  |
| *P<br>P               | 03A0<br>03C0 | Π<br>π<br>Greek Capital Letter Pi<br>Greek Small Letter Pi                          |      |              |  |
| *Q<br>Q               | 0398<br>03B8 | Θ<br>θ<br>Greek Capital Letter Theta<br>Greek Small Letter Theta                    |      |              |  |
| *R<br>R               | 03A1<br>03C1 | Ρ<br>ρ<br>Greek Capital Letter Rho<br>Greek Small Letter Rho                        |      |              |  |
| *S<br>S               | 03A3<br>03C2 | Σ<br>ς<br>Greek Capital Letter Sigma<br>Greek Small Letter Final Sigma <sup>1</sup> |      |              |  |
| S1                    | 03C3         | σ<br>Greek Small Letter Medial Sigma  |      |              |  |
| S2                    | 03C2         | ς<br>Greek Small Letter Final Sigma   |      |              |  |
| *S3<br>S3             | 03F9<br>03F2 | Ϛ<br>ϛ<br>Greek Capital Lunate Sigma Symbol<br>Greek Lunate Sigma Symbol            |      |              |  |
| *T<br>T               | 03A4<br>03C4 | Τ<br>τ<br>Greek Capital Letter Tau<br>Greek Small Letter Tau                        |      |              |  |
| *U<br>U               | 03A5<br>03C5 | Υ<br>υ<br>Greek Capital Letter Upsilon<br>Greek Small Letter Upsilon                |      |              |  |
| *V<br>V               | 03DC<br>03DD | Ϝ<br>ϝ<br>Greek Letter Digamma<br>Greek Small Letter Digamma                        |      |              |  |
| *W<br>W               | 03A9<br>03C9 | Ω<br>ω<br>Greek Capital Letter Omega<br>Greek Small Letter Omega                    |      |              |  |
| *X<br>X               | 03A7<br>03C7 | Χ<br>χ<br>Greek Capital Letter Chi<br>Greek Small Letter Chi                        |      |              |  |
| *Y<br>Y               | 03A8<br>03C8 | Ψ<br>ψ<br>Greek Capital Letter Psi<br>Greek Small Letter Psi                        |      |              |  |
| *Z<br>Z               | 0396<br>03B6 | Ζ<br>ζ<br>Greek Capital Letter Zeta<br>Greek Small Letter Zeta                      |      |              |  |
| )                     | 0313         | ◌̂<br>Combining Comma Above <sup>2</sup><br>‣ Combining Smooth Breathing            |      |              |  |

<sup>1</sup> The rendering of the Beta Code S into medial and final sigmas depends on its position in the word.

<sup>2</sup> The non-combining forms of the Beta Codes ), (, /, + and | are given here for ease of reference only. The Beta Codes themselves map only onto the combining Unicode codepoints.

<sup>3</sup> 'spacing clone of Greek smooth breathing mark' (*Unicode Standard* 5.0, p. 26). 1FBD Greek Koronis and 1FBE Greek Psili are duplicates of this character and should not be used.

<sup>4</sup> 'spacing clone of Greek rough breathing mark' (*Unicode Standard* 5.0, p. 26). 1FFE Greek Dasia is a duplicate of this character and should not be used.

<sup>5</sup> 0384 Greek Tonos and 1FFD Greek Oxia are duplicates of this character and should not be used.

<sup>6</sup> 0342 is the combining diacritic the TLG uses for the Greek Circumflex Accent, it has a different glyph variant range from 0302 Combining Circumflex Accent.. 0302 is the combining diacritic the TLG recommends for use with Latin text.

<sup>7</sup> 1FC0 Greek Perispomeni shares the same glyph range as 0342 Combining Greek Perispomeni and so is to be used as its non-combining clone. 005E Circumflex Accent is the non-combining diacritic the TLG recommends for use with Latin text

<sup>8</sup> 1FEF Greek Varia is a duplicate of this character and should not be used.

<sup>9</sup> The *Unicode Standard* does not currently have a non-combining clone for Combining Dot Below. Currently, 002E Period represents a 'best fit' solution.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta | Unicode | Name  |
|------|---------|---|
| ;    | 003B    | Semicolon <sup>11</sup><br>▸ Greek Question Mark          |
| '    | 2019    | Right Single Quotation Mark <sup>12</sup><br>▸ Apostrophe |
| -    | 2010    | Hyphen <sup>13</sup>                                      |
| _    | 2014    | EM Dash <sup>14</sup>                                     |

### Latin Alphabet

|   |      |   |                        |
|---|------|---|------------------------|
| A | 0041 | A | Latin Capital Letter A |
| a | 0061 | a | Latin Small Letter A   |
| B | 0042 | B | Latin Capital Letter B |
| b | 0062 | b | Latin Small Letter B   |
| C | 0043 | C | Latin Capital Letter C |
| c | 0063 | c | Latin Small Letter C   |
| D | 0044 | D | Latin Capital Letter D |
| d | 0064 | d | Latin Small Letter D   |
| E | 0045 | E | Latin Capital Letter E |
| e | 0065 | e | Latin Small Letter E   |
| F | 0046 | F | Latin Capital Letter F |
| f | 0066 | f | Latin Small Letter F   |
| G | 0047 | G | Latin Capital Letter G |
| g | 0067 | g | Latin Small Letter G   |
| H | 0048 | H | Latin Capital Letter H |
| h | 0068 | h | Latin Small Letter H   |
| I | 0049 | I | Latin Capital Letter I |
| i | 0069 | i | Latin Small Letter I   |
| J | 004A | J | Latin Capital Letter J |
| j | 006A | j | Latin Small Letter J   |
| K | 004B | K | Latin Capital Letter K |
| k | 006B | k | Latin Small Letter K   |
| L | 004C | L | Latin Capital Letter L |
| l | 006C | l | Latin Small Letter L   |
| M | 004D | M | Latin Capital Letter M |
| m | 006D | m | Latin Small Letter M   |
| N | 004E | N | Latin Capital Letter N |
| n | 006E | n | Latin Small Letter N   |
| O | 004F | O | Latin Capital Letter O |
| o | 006F | o | Latin Small Letter O   |
| P | 0050 | P | Latin Capital Letter P |
| p | 0070 | p | Latin Small Letter P   |
| Q | 0051 | Q | Latin Capital Letter Q |
| q | 0071 | q | Latin Small Letter Q   |
| R | 0052 | R | Latin Capital Letter R |
| r | 0072 | r | Latin Small Letter R   |
| S | 0053 | S | Latin Capital Letter S |
| s | 0073 | s | Latin Small Letter S   |

<sup>10</sup> "00B7 · is the preferred character" (*Unicode Standard 5.0*, p. 34). 0387 should not be used for 'Greek middle dot (ano teleia)'.

<sup>11</sup> As of Unicode 4.0 "this, and not 037E ; , is the preferred character for 'Greek question mark'" (*Unicode Standard 5.0*, p. 4).

<sup>12</sup> "this is the preferred character to use for apostrophe" (*Unicode Standard 5.0*, p. 167). 0027 should not be used for 'apostrophe', it exists in the Unicode Standard primarily to allow backward compatibility with ASCII.

<sup>13</sup> 2010 is the correct character for 'hyphen'. 002D is ambiguous between 'hyphen' and 'minus' in meaning and should not be used. For 'EN dash', see %19.

<sup>14</sup> Not to be confused with 'hyphen' (-) or 'EN dash' (%19).

| Beta | Unicode | Name                   |
|------|---------|------------------------|
| T    | 0054    | Latin Capital Letter T |
| t    | 0074    | Latin Small Letter T   |
| U    | 0055    | Latin Capital Letter U |
| u    | 0075    | Latin Small Letter U   |
| V    | 0056    | Latin Capital Letter V |
| v    | 0076    | Latin Small Letter V   |
| W    | 0057    | Latin Capital Letter W |
| w    | 0077    | Latin Small Letter W   |
| X    | 0058    | Latin Capital Letter X |
| x    | 0078    | Latin Small Letter X   |
| Y    | 0059    | Latin Capital Letter Y |
| y    | 0079    | Latin Small Letter Y   |
| Z    | 005A    | Latin Capital Letter Z |
| z    | 007A    | Latin Small Letter Z   |

### Coptic Alphabet <sup>15</sup>

|    |      |   |                              |
|----|------|---|------------------------------|
| *A | 2C80 | Ⲁ | Coptic Capital Letter Alfa   |
| A  | 2C81 | ⲁ | Coptic Small Letter Alfa     |
| *B | 2C82 | Ⲃ | Coptic Capital Letter Vida   |
| B  | 2C83 | ⲃ | Coptic Small Letter Vida     |
| *C | 2C9C | Ⲙ | Coptic Capital Letter Ksi    |
| C  | 2C9D | ⲙ | Coptic Small Letter Ksi      |
| *D | 2C86 | Ⲅ | Coptic Capital Letter Dalda  |
| D  | 2C87 | ⲅ | Coptic Small Letter Dalda    |
| *E | 2C88 | Ⲇ | Coptic Capital Letter Eie    |
| E  | 2C89 | ⲇ | Coptic Small Letter Eie      |
| *F | 2CAA | Ⲉ | Coptic Capital Letter Fi     |
| F  | 2CAB | ⲉ | Coptic Small Letter Fi       |
| *f | 03E4 | Ⲋ | Coptic Capital Letter Fei    |
| f  | 03E5 | ⲋ | Coptic Small Letter Fei      |
| *G | 2C84 | Ⲍ | Coptic Capital Letter Gamma  |
| G  | 2C85 | ⲍ | Coptic Small Letter Gamma    |
| *g | 03EC | Ⲏ | Coptic Capital Letter Shima  |
| g  | 03ED | ⲏ | Coptic Small Letter Shima    |
| *H | 2C8E | Ⲑ | Coptic Capital Letter Hate   |
| H  | 2C8F | ⲑ | Coptic Small Letter Hate     |
| *h | 03E8 | Ⲓ | Coptic Capital Letter Hori   |
| h  | 03E9 | ⲓ | Coptic Small Letter Hori     |
| *I | 2C92 | Ⲕ | Coptic Capital Letter lauda  |
| I  | 2C93 | ⲕ | Coptic Small Letter lauda    |
| *j | 03EA | Ⲗ | Coptic Capital Letter Gangia |
| j  | 03EB | ⲗ | Coptic Small Letter Gangia   |
| *K | 2C94 | Ⲙ | Coptic Capital Letter Kapa   |
| K  | 2C95 | ⲙ | Coptic Small Letter Kapa     |
| *L | 2C96 | Ⲏ | Coptic Capital Letter Laua   |
| L  | 2C97 | ⲏ | Coptic Small Letter Laua     |
| *M | 2C98 | Ⲑ | Coptic Capital Letter Mi     |
| M  | 2C99 | ⲑ | Coptic Small Letter Mi       |
| *N | 2C9A | Ⲓ | Coptic Capital Letter Ni     |
| N  | 2C9B | ⲓ | Coptic Small Letter Ni       |
| *O | 2C9E | Ⲕ | Coptic Capital Letter O      |
| O  | 2C9F | ⲕ | Coptic Small Letter O        |

<sup>15</sup> The Greek and Coptic alphabets are now disunified in the Unicode Standard. Bohairic Coptic letters are now in the Copic block (2C80-2CB1). Coptic letters derived from Demotic are still in the Greek and Coptic block (03E2-03EF). Beta Code has no codepoint for Coptic Capital Letter Sou (2C8A) or Coptic Small Letter Sou (2C8B).

In this document, we are currently using a Coptic font which uses codepoints from the Greek and Coptic block. This will be updated once Coptic fonts become available with the new codepoints. Note also that Coptic scripts rarely distinguish between upper and lower case letters.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta    | Unicode      |        | Name   |
|---------|--------------|--------|--|
| *P<br>P | 2CA0<br>2CA1 | Π<br>π | Coptic Capital Letter Pi<br>Coptic Small Letter Pi         |
| *Q<br>Q | 2C90<br>2C91 | Θ<br>θ | Coptic Capital Letter Thethe<br>Coptic Small Letter Thethe |
| *R<br>R | 2CA2<br>2CA3 | Ρ<br>ρ | Coptic Capital Letter Ro<br>Coptic Small Letter Ro         |
| *S<br>S | 2CA4<br>2CA5 | Σ<br>σ | Coptic Capital Letter Sima<br>Coptic Small Letter Sima     |
| *s<br>s | 03E2<br>03E3 | Ϛ<br>ϛ | Coptic Capital Letter Shei<br>Coptic Small Letter Shei     |
| *T<br>T | 2CA6<br>2CA7 | Τ<br>τ | Coptic Capital Letter Tau<br>Coptic Small Letter Tau       |
| *t<br>t | 03EE<br>03EF | Ϙ<br>ϙ | Coptic Capital Letter Dei<br>Coptic Small Letter Dei       |
| *U<br>U | 2CA8<br>2CA9 | Υ<br>υ | Coptic Capital Letter Ua<br>Coptic Small Letter Ua         |
| *W<br>W | 2CB0<br>2CB1 | Ω<br>ω | Coptic Capital Letter Oou<br>Coptic Small Letter Oou       |
| *X<br>X | 2CAC<br>2CAD | Χ<br>χ | Coptic Capital Letter Khi<br>Coptic Small Letter Khi       |
| *Y<br>Y | 2CAE<br>2CAF | Ψ<br>ψ | Coptic Capital Letter Psi<br>Coptic Small Letter Psi       |
| *Z<br>Z | 2C8C<br>2C8D | Ζ<br>ζ | Coptic Capital Letter Zata<br>Coptic Small Letter Zata     |

| Beta | Unicode | Name                                   |
|------|---------|--|
| &5   |         | Latin Subscript                        |
| &6   |         | Latin Numerals                         |
| &7   |         | Latin Small Capitals                   |
| &8   |         | Latin Small Capitals Italic            |
| &9   |         | Latin Return to Baseline               |
| &10  |         | Latin Smaller than Normal              |
| &11  |         | Latin Smaller than Normal Bold         |
| &13  |         | Latin Smaller than Normal Italic       |
| &14  |         | Latin Smaller than Normal Superscript  |
| &15  |         | Latin Smaller than Normal Subscript    |
| &16  |         | Latin Superscript Italic               |
| &19  |         | Latin Fraction                         |
| &20  |         | Latin Larger than Normal               |
| &21  |         | Latin Larger than Normal Bold          |
| &23  |         | Latin Larger than Normal Italic        |
| &24  |         | Latin Larger than Normal Superscript   |
| &25  |         | Latin Larger than Normal Subscript     |
| &30  |         | Latin Smaller than Smaller than Normal |
| &40  |         | Latin Larger than Larger than Normal   |

### \$ and & – Font Shifts

|      |  |  |
|------|--|--|
| \$   |  | Greek Normal                               |
| \$1  |  | Greek Bold                                 |
| \$2  |  | Greek Bold Italic                          |
| \$3  |  | Greek Italic                               |
| \$4  |  | Greek Superscript                          |
| \$5  |  | Greek Subscript                            |
| \$6  |  | Greek Superscript Bold                     |
| \$8  |  | Greek Vertical<br>→ when default is italic |
| \$9  |  | Greek Return to Baseline                   |
| \$10 |  | Greek Smaller than Normal                  |
| \$11 |  | Greek Smaller than Normal Bold             |
| \$13 |  | Greek Smaller than Normal Italic           |
| \$14 |  | Greek Smaller than Normal Superscript      |
| \$15 |  | Greek Smaller than Normal Subscript        |
| \$16 |  | Greek Smaller than Normal Superscript Bold |
| \$18 |  | Greek Smaller than Normal Vertical         |
| \$20 |  | Greek Larger than Normal                   |
| \$21 |  | Greek Larger than Normal Bold              |
| \$23 |  | Greek Larger than Normal Italic            |
| \$24 |  | Greek Larger than Normal Superscript       |
| \$25 |  | Greek Larger than Normal Subscript         |
| \$28 |  | Greek Larger than Normal Vertical          |
| \$30 |  | Greek Smaller than Smaller than Normal     |
| \$40 |  | Greek Larger than Larger than Normal       |
| \$50 |  | Coptic                                     |
| \$51 |  | Demotic                                    |
| \$52 |  | Arabic                                     |
| \$53 |  | Hebrew                                     |
| \$70 |  | Greek Uncial                               |
| \$80 |  | Transliterated Hebrew                      |
| &    |  | Latin Normal                               |
| &1   |  | Latin Bold                                 |
| &2   |  | Latin Bold-Italic                          |
| &3   |  | Latin Italic                               |
| &4   |  | Latin Superscript                          |

### ^ and @ – Page Formatting

|             |  |  |
|-------------|--|--|
| ^           |  | Blank Quarter Space                      |
| @           |  | Tab                                      |
| @1          |  | Page End                                 |
| @2          |  | Column End                               |
| @3          |  | Omitted Graphic Marker                   |
| @4          |  | Start of Table                           |
| @5          |  | End of Table                             |
| @6          |  | Blank Line                               |
| @7          |  | Short Horizontal Rule                    |
| @8          |  | Mid-Line Citation                        |
| @9          |  | Break in Text                            |
| @10         |  | Line too Long For Screen                 |
| @11         |  | Table Cell Indicator                     |
| @12         |  | Table Sub-cell Indicator                 |
| @20         |  | Start of Columnar Text                   |
| @21         |  | End of Columnar Text                     |
| @22-<br>@29 |  | Column Two Start<br>to Column Nine Start |
| @30         |  | Paragraph<br>• Stanza                    |
| @31         |  | Caesura Marker                           |
| @40         |  | Horizontal Space Filling                 |
| @50         |  | Writing Perpendicular to Main Text       |
| @51         |  | Writing Inverse to Main Text             |
| @52         |  | Papyrological Page Formatting            |
| @60         |  | Epigraphical Page Formatting             |
| @70         |  | Start of Poetry Embedded in Prose        |
| @71         |  | End of Poetry Embedded in Prose          |
| @73         |  | Start of Poetic Text                     |
| @74         |  | End of Poetic Text                       |

### { – Textual Mark-Up

|    |         |                                       |
|----|---------|---------------------------------------|
| {  |         | Speaker or Stage Direction            |
| {1 |         | Title                                 |
| {2 |         | Marginalia                            |
| {3 |         | Reference in Scholium                 |
| {4 | non-TLG | Unconventional Form Written by Scribe |
| {5 | non-TLG | Form Altered by Scribe                |
| {6 | non-TLG | Discarded form                        |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta        | Unicode | Name   | Beta        | Unicode       | Name   |  |
|-------------|---------|--|-------------|---------------|--|--|
| {7          | non-TLG | Reading Discarded in Another Source                  | <12         | markup        | Non-Horizontal Text                                |  |
| {8          | non-TLG | Numerical Equivalent                                 | <13         |               | Single Line Spacing in Double Spaced Text          |  |
| {9          | non-TLG | Alternative Reading                                  | <14         |               | Interlinear Text                                   |  |
| {10         | 0332    | ◌̄   | <15         |               | Interlinear Marginalia                             |  |
| {11-<br>{24 | non-TLG | Papyrological Project Non-Text Characters            | <16         | 2035          | Left Interlinear Text Marker Bracket <sup>17</sup> |  |
| {25         | non-TLG | Inscriptional Form                                   | >16         | 2032          | Right Interlinear Text Marker Bracket              |  |
| {26         | non-TLG | Rectified Form                                       | <17         | 0333          | ◌̄̄  | Combining Double Underline                       |
| {27         | non-TLG | Alternative Restoration or Reading by Editor         | <18         | 0336          | ◌̄̄̄   | Combining Long Stroke Overlay                    |
| {28         | non-TLG | Date or Numeric Equivalent of Date                   | <19         | 2035          | Left Interlinear Text Marker Bracket <sup>18</sup> |  |
| {29         | non-TLG | Emendation by Editor of Text not Obviously Incorrect | >19         | 2032          | Right Interlinear Text Marker Bracket              |  |
| {30-<br>{39 | non-TLG | Epigraphical Project Non-Text Characters             | <20         |               | Expanded Text                                      |  |
| {40         | non-TLG | Speaker List   | <21         |               | Expanded Latin Text                                |  |
| {41         |         | Stage Direction                                      | <30         |               | Combining Overline and Dependent Vertical Bars     |  |
| {43         | non-TLG | Servius Danielis                                     | <31         | 0336          | ◌̄̄̄   | Combining Long Stroke Overlay                    |
| {44         | non-TLG | Quoted Material                                      | <32         | 0305+<br>0332 | ◌̄̄̄̄  | Horizontal Bars Above and Below                  |
| {45         | non-TLG | Explanatory Material                                 | <33         | 221A          | √  | Square Root                                      |
| {46         | non-TLG | Fragment Citation                                    | <34         | markup        |  | Fraction   |
| {48         | -       | Editorial Comment                                    | <50-<br><59 | non-TLG       |  | Papyrological Project Characters                 |
| {50-<br>{69 | non-TLG | Founding Fathers Project Non-Text Characters         | <60         | non-TLG       |  | Preferred Epigraphical Text Used                 |
| {70         |         | Editorial Intervention                               | <61         | non-TLG       |  | Epigraphical Text Inserted After Erasure         |
| {71         |         | Expansion of Text Abbreviation                       | <62         | non-TLG       |  | Epigraphical Line Over Letters                   |
| {72         |         | Structural Note                                      | <63         | non-TLG       |  | Epigraphical Text After Correction (Not Erasure) |
| {73         |         | Musical Direction                                    | <64         | non-TLG       |  | Letters Enclosed in Box                          |
| {74         |         | Text Cross-Reference                                 | <65         | non-TLG       |  | Letters Enclosed in Wreath                       |
| {75         |         | Image Cross-Reference                                | <66-<br><69 | non-TLG       |  | Epigraphical Project Characters                  |
| {76         |         | Potential Text Cross-Reference                       | <70         | markup        |  | Diagram  |
| {80         |         | Speaker Designation                                  | <71         | markup        |  | Discrete Section of Diagram                      |
| {90         |         | Marginal Note  | <72         | markup        |  | Logical Relationship in Diagram                  |
| {95         |         | Colophon   | <73         | markup        |  | Third Level of Tree in Tree Diagram              |
| {100        |         | TLG Editorial Comment                                | <74         | markup        |  | Fourth Level of Relation in Graph.               |
| {101        |         | TLG Editorial Comment                                | <90         | markup        |  | Text Printed Sideways                            |
|             |         |  | <100        | 0338          | ⚡  | Combining Long Slash Overlay                     |

### < – Text Formatting

|     |        |       |  |
|-----|--------|-------|--|
| <   | 0305   | ◌̄    | Combining Overline                                 |
| <1  | 0332   | ◌̄̄   | Combining Underline                                |
| <2  | 2035   | ◌̄    | Left Interlinear Text Marker Bracket <sup>16</sup> |
| >2  | 2032   | ◌̄    | Right Interlinear Text Marker Bracket              |
| <3  | 0361   | ◌̄̄   | Combining Double Inverted Breve                    |
| <4  | 035C   | ◌̄̄̄  | Combining Double Breve Below                       |
| <5  | 035D   | ◌̄̄̄̄ | Combining Double Breve                             |
| <6  | <sup>  |       | Superscript  |
| <7  | <sub>  |       | Subscript  |
| <8  | 0333   | ◌̄̄̄̄ | Combining Double Underline                         |
| <9  |        |       | Textual Lemma                                      |
| <10 | markup |       | Character Stacking Below                           |
| <11 | markup |       | Character Stacking Above                           |

<sup>16</sup> 2035 is the preferred character for Left Interlinear Text Marker Bracket. 0027 Apostrophe is vertical and does not have a matching character to act as an opening bracket. 00B4 Acute Accent and 02CA Modifier Letter Acute Accent would be visually confusing and are at the wrong angle. 02B9 Modifier Letter Prime does not have a matching pair in the vicinity whereas 2032 does.

2032 is the preferred character for Right Interlinear Text Marker Bracket. 0060 Grave Accent and 02CB Modifier Letter Grave Accent would be visually confusing and are at the wrong angle.

### " – Quotation Marks

|    |              |   |  |
|----|--------------|---|--|
| "  | 201C<br>201D | “ | Left Double Quotation Mark <sup>19</sup>   |
| "  |              | ” | Right Double Quotation Mark                |
| "1 | 201E         | „ | Left Low Double Quotation Mark             |
| "2 | 201C         | “ | Right High Double Quotation Mark           |
| "3 | 2018<br>2019 | ‘ | Left Single Quotation Mark                 |
| "3 |              | ’ | Right Single Quotation Mark                |
| "4 | 201A         | ⸗ | Left Low Single Quotation Mark             |
| "5 | 201B         | ⸘ | Right High Single Quotation Mark           |
| "6 | 00AB<br>00BB | « | Left-Pointing Double Angle Quotation Mark  |
| "6 |              | » | Right-Pointing Double Angle Quotation Mark |

<sup>17</sup> See notes on <2 and >2 above.

<sup>18</sup> See notes on <2 and >2 above.

<sup>19</sup> "201C "is the preferred glyph (as opposed to 201F ") (Unicode Standard 5.0, p167)

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta        | Unicode      |        | Name  |
|-------------|--------------|--------|---|
| "7          | 2039<br>203A | ◀<br>▶ | Left-Pointing Single Angle Quotation Mark<br>Right-Pointing Single Angle Quotation Mark |
| "8          | 201C<br>201E | “<br>” | Left High Double Quotation Mark<br>Right Low Double Quotation Mark                      |
| "50-<br>"59 | non-TLG      |        | Papyrological Project Quotation Marks   |
| "60-<br>"69 | non-TLG      |        | Epigraphical Project Quotation Marks  |

| Beta        | Unicode                    |   | Name   |
|-------------|----------------------------|---|--|
| [12         | 2192                       | → | Rightward Arrow  |
| ]12         | 2190                       | ← | Leftward Arrow   |
| [13         | markup<br><italic><br>005B | [ | Italic Left Square Bracket   |
| ]13         | <italic><br>005D           | ] | Italic Right Square Bracket  |
| [14         | 007C+                      | ⋮ | Vertical Line and Colon  |
| ]14         | 003A<br>003A+<br>007C      | ⋮ | Left Hymn Refrain Bracket<br>Colon and Vertical Line<br>Right Hymn Refrain Bracket |
| [15         | non-TLG                    |   | Franklin Decipherment of Codes   |
| ]15         |                            |   |  |
| [16         | 27E6                       | ⏏ | Left White Square Bracket  |
| ]16         | 27E7                       | ⏏ | Right White Square Bracket   |
| [17         | 230A+                      | ⏚ | Left Low White Corner Bracket <sup>24</sup>  |
| ]17         | 230A<br>230B+<br>230B      | ⏚ | Right Low White Corner Bracket   |
| [18         | 27EA                       | ⏏ | Left Double Angle Bracket <sup>25</sup>  |
| ]18         | 27EB                       | ⏏ | Right Double Angle Bracket <sup>26</sup>   |
| [20         | 23A7                       | ⏏ | Left Curly Bracket Upper Hook  |
| ]20         | 23AB                       | ⏏ | Right Curly Bracket Upper Hook   |
| [21         | 23AA                       | ⏏ | Curly Bracket Extension  |
| ]21         | 23AA                       | ⏏ | Curly Bracket Extension  |
| [22         | 23A8                       | ⏏ | Left Curly Bracket Middle Piece  |
| ]22         | 23AC                       | ⏏ | Right Curly Bracket Middle Piece   |
| [23         | 23A9                       | ⏏ | Left Curly Bracket Lower Hook  |
| ]23         | 23AD                       | ⏏ | Right Curly Bracket Lower Hook   |
| [30         | 239B                       | ⏏ | Left Parenthesis Upper Hook  |
| ]30         | 239E                       | ⏏ | Right Parenthesis Upper Hook   |
| [31         | 239C                       | ⏏ | Left Parenthesis Extension   |
| ]31         | 239F                       | ⏏ | Right Parenthesis Extension  |
| [32         | 239D                       | ⏏ | Parenthesis Lower Hook   |
| ]32         | 23A0                       | ⏏ | Parenthesis Lower Hook   |
| [33         | non-TLG                    |   | Parenthesis<br>→ ancient Punctuation   |
| ]33         |                            |   |  |
| [34         | non-TLG                    |   | Parenthesis<br>→ deletion Marker   |
| ]34         |                            |   |  |
| [35-<br>]49 | non-TLG                    |   | Papyrological Brackets   |
| [50         | non-TLG                    |   | Rejected Text of Main Edition<br>→ epigraphical                                    |
| ]50         |                            |   |  |
| [51         | non-TLG                    |   | Erased Text<br>→ epigraphical  |
| ]51         |                            |   |  |
| [52         | non-TLG                    |   | Text Before Correction (Not Erasure)<br>→ epigraphical                             |
| ]52         |                            |   |  |
| [53         | non-TLG                    |   | Parenthesis<br>→ modern Punctuation  |
| ]53         |                            |   |  |
| [54-<br>]69 | non-TLG                    |   | Epigraphical Project Brackets  |

### [ – Brackets

|     |              |   |   |
|-----|--------------|---|---|
| [   | 005B<br>005D | [ | Left Square Bracket<br>Right Square Bracket   |
| [1  | 0028<br>0029 | ( | Left Parenthesis<br>Right Parenthesis   |
| [2  | 2329<br>232A | ◀ | Left-Pointing Angle Brackets <sup>20</sup><br>Right-Pointing Angle Brackets <sup>21</sup> |
| [3  | 007B<br>007D | { | Left Curly Bracket<br>Right Curly Bracket   |
| [4  | 27E6<br>27E7 | ⏏ | Left White Square Bracket<br>Right White Square Bracket                                   |
| [5  | 2E24<br>2E25 | ⏚ | Left Low Corner Bracket<br>Right Low Corner Bracket                                       |
| [6  | 2E22<br>2E23 | ⏚ | Left High Corner Bracket<br>Right High Corner Bracket                                     |
| [7  | 2E22<br>2E25 | ⏚ | Left High Corner Bracket<br>Right Low Corner Bracket                                      |
| [8  | 2E24<br>2E23 | ⏚ | Left Low Corner Bracket<br>Right High Corner Bracket                                      |
| [9  | 2027         | . | Hyphenation Point <sup>22</sup>   |
| ]9  | 2027         | . | Left Raised Dot Bracket<br>Hyphenation Point<br>Left Raised Dot Bracket                   |
| [10 | 005B         | [ | Large Left Square Bracket <sup>23</sup>   |
| ]10 | 005D         | ] | Large Right Square Bracket  |
| [11 | 208D         | ( | Subscript Left Parentheses  |
| ]11 | 208E         | ) | Subscript Right Parentheses   |

<sup>20</sup> 2329 is the preferred character for Left-Pointing Angle Bracket. 27E8 Mathematical Left Angle Bracket is reserved for mathematical use. 3008 Left Angle Bracket has incorrect spacing for Latin and Greek scripts. Note: online the TLG represents Left-Pointing Angle Bracket with 003C Less-Than Sign. This is because 2329 is not yet included in many fonts.

<sup>21</sup> 232A is the preferred character for Right-Pointing Angle Bracket. 27E9 Mathematical Right Angle Bracket is reserved for mathematical use. 3009 Right Angle Bracket has incorrect spacing for Latin and Greek scripts. Note: online the TLG represents Right-Pointing Angle Bracket with 003E Greater-Than Sign. This is because 232A is not yet included in many fonts.

<sup>22</sup> 2027 Hyphenation Point is preferred over 00B7 Middle Dot to help distinguish between a raised dot as a parenthesis and as a mark of termination in Greek text. Use of 0387 is dispreferred.

<sup>23</sup> There are no Unicode codepoints for the Beta Code Large Square Brackets. 005B and 005D are to be used, but in a larger font size than normal.

<sup>24</sup> There are no Unicode codepoints for the Beta Code Low White Corner Brackets. The doubling of 203A and 203B respectively represents a 'best-fit' solution.

<sup>25</sup> 27EA is the preferred character for Left Double Angle Bracket. 300A Left Double Angle Bracket has incorrect spacing for Latin and Greek scripts.

<sup>26</sup> 27EB is the preferred character for Right Double Angle Bracket. 300B Right Double Angle Bracket has incorrect spacing for Latin and Greek scripts.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta       | Unicode                        | Name  |
|------------|--------------------------------|---|
| [70<br>]70 | 2E02<br>2E03                   | Left Substitution Bracket<br>Right Substitution Bracket   |
| [71<br>]71 | 2E04<br>2E05                   | Left Dotted Substitution Bracket<br>Right Dotted Substitution Bracket   |
| [72<br>]72 | 2E09<br>2E0A                   | Left Transposition Bracket<br>Right Transposition Bracket   |
| [73<br>]73 | 2E0B<br>2E0C                   | Raised Square<br>▸ Left Raised Omission Bracket<br>Left Raised Omission Bracket<br>▸ Right Raised Omission Bracket                                  |
| [80<br>]80 | 002F<br>002F                   | Solidus<br>▸ Left Interlinear Addition Printed Inline<br>Solidus<br>▸ Right Interlinear Addition Printed Inline                                     |
| [81<br>]81 | 002F+<br>002F<br>002F+<br>002F | Solidus and Solidus<br>▸ Left Marginal Addition Printed Inline<br>Solidus and Solidus<br>▸ Right Marginal Addition Printed Inline                   |
| [82<br>]82 | 2E20<br>2E21                   | Opening Editorial Deletion Bracket<br>▸ Left Vertical Bar with Quill<br>Closing Editorial Deletion Bracket<br>▸ Right Vertical Bar with Quill       |
| [83<br>]83 | 2E21<br>2E20                   | Opening Editorial Dittography Bracket<br>▸ Right Vertical Bar with Quill<br>Closing Editorial Dittography Bracket<br>▸ Left Vertical Bar with Quill |
| [84<br>]84 | 2E26<br>2E27                   | Left Sideways U Bracket<br>Right Sideways U Bracket   |
| [85<br>]85 | 2E28<br>2E29                   | Left Double Parenthesis<br>Right Double Parenthesis   |

### % – Additional Punctuation and Characters

|     |      |   |  |
|-----|------|---|--|
| %   | 2020 | † | Dagger<br>▸ Crux                       |
| %1  | 003F | ? | Question Mark<br>▸ Latin Question Mark |
| %2  | 002A | * | Asterisk<br>→ lacuna or crux           |
| %3  | 002F | / | Solidus<br>▸ Slash                     |
| %4  | 0021 | ! | Exclamation Mark                       |
| %5  | 007C |   | Long Vertical Bar                      |
| %6  | 003D | = | Equals Sign                            |
| %7  | 002B | + | Plus Sign                              |
| %8  | 0025 | % | Percent Sign                           |
| %9  | 0026 | & | Ampersand                              |
| %10 | 003A | : | Colon<br>▸ Greek Dicolon               |
| %11 | 2022 | • | Black Small Circle <sup>27</sup>       |
| %12 | 002A | * | Asterisk<br>→ crux                     |
| %13 | 2021 | ‡ | Double Dagger                          |
| %14 | 00A7 | § | Section Sign                           |
| %15 | 02C8 | ' | Top-Half Vertical Bar                  |
| %16 | 00A6 | ‡ | Broken Vertical Bar                    |
| %17 | 2016 |   | Double Vertical Bar                    |
| %18 | 0027 | ' | Apostrophe<br>→ abbreviation Marker    |

<sup>27</sup> 2022 is the preferred character for Black Small Circle. 00B7 Middle Dot is used for Ano Teleia. 2022 is a larger dot and its use avoids confusion.

| Beta | Unicode                                     | Name |  |
|------|---|------|--|
| %19  | 2013  | -    | EN Dash  |
| %20  | 0301  | ◌̇   | Combining Acute Accent<br>→ Latin script   |
| %21  | 0300  | ◌̈   | Combining Grave Accent<br>→ Latin script   |
| %22  | 0302  | ◌̆   | Combining Circumflex Accent<br>→ Latin script  |
| %23  | 0308  | ◌̊   | Combining Umlaut<br>→ Latin script   |
| %24  | 0342  | ◌̏   | Combining Greek Perispomeni  |
| %25  | 0327  | ◌̣   | Combining Cedilla  |
| %26  | 0304  | ◌̄   | Combining Macron   |
| %27  | 0306  | ◌̆   | Combining Breve  |
| %28  | 0308  | ◌̈̈  | Combining Diaeresis  |
| %29  | 0323+<br>0323                               | ◌̣◌̣ | Combining Dot Below and Combining Dot Below<br>▸ Combining Double Dots Below         |
| %30  | 02BC  | ◌̣   | Modifier Letter Apostrophe<br>▸ Non-Combining Smooth Breathing<br>→ lacuna           |
| %31  | 02BD  | ◌̣   | Modifier Letter Reversed Comma<br>▸ Non-Combining Rough Breathing<br>→ lacuna        |
| %32  | 00B4  | ◌̣   | Acute Accent<br>▸ Non-Combining Acute Accent<br>→ lacuna                             |
| %33  | 0060  | ◌̣   | Grave Accent<br>▸ Non-Combining Grave Accent<br>→ lacuna                             |
| %34  | 1FC0  | ◌̣   | Greek Perispomeni<br>▸ Non-Combining Circumflex Accent<br>→ lacuna                   |
| %35  | 1FCE  | ◌̣   | Greek Psili and Oxia<br>▸ Non-Combining Smooth Breathing and Acute Accent            |
| %36  | 1FDE  | ◌̣   | Greek Dasia and Oxia<br>▸ Non-Combining Rough Breathing and Acute Accent             |
| %37  | 1FDD  | ◌̣   | Greek Dasia and Varia<br>▸ Non-Combining Rough Breathing and Grave Accent            |
| %38  | 1FDF  | ◌̣   | Greek Dasia and Perispomeni<br>▸ Non-Combining Rough Breathing and Circumflex Accent |
| %39  | 00A8  | ◌̣   | Diaeresis<br>▸ Non-Combining Diaeresis   |
| %40  | 23D1  | ◌̣   | Metrical Breve   |
| %41  | 2013  | -    | EN Dash<br>▸ Metrical Macron   |
| %42  | 23D5  | ≅    | Two Shorts Over One Long   |
| %43  | 00D7  | ×    | Multiplication Sign<br>▸ Metrical Anceps   |
| %44  | 23D2  | ◌̣   | Metrical Long Over Short   |
| %45  | 23D3  | ◌̣   | Metrical Short Over Long   |
| %46  | 23D4  | ◌̣   | Metrical Long Over Two Shorts  |
| %47  | 10111                                       | =    | Aegean Number Twenty<br>▸ Metrical Long Over Long                                    |
| %48  | markup<br><stack><br>23D1+<br>23D1          | ◌̣   | Stacked Metrical Breve and Metrical Breve<br>▸ Metrical Short Over Short             |
| %49  | markup<br><stack><br>23D1+<br>23D1+<br>23D1 | ◌̣   | Stacked Metrical Breve and Metrical Breve<br>▸ Metrical Short over Short over Short  |
| %50  | non-TLG                                     |      | Papyrological Project Fraction 1/2   |

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| Beta | Unicode   |      | Name  | Beta | Unicode       |    | Name  |
|------|---|------|---|------|---------------|----|---|
| %51  | non-TLG   |      | Papyrological Project Fraction 1/4  | %106 | 224C          | □  | All Equal To<br>▸ Reversed Tilde Over Double Dash   |
| %52  | non-TLG   |      | Papyrological Project Fraction 1/8  | %107 | 007E          | ~  | Tilde   |
| %53  | non-TLG   |      | Papyrological Project Fraction 1/16   | %108 | 00B1          | ±  | Plus or Minus   |
| %54  | non-TLG   |      | Papyrological Project Fraction 1/32   | %109 | 00B7          | ·  | Middle Dot<br>▸ Roman Numeral   |
| %55  | non-TLG   |      | Papyrological Project Fraction 1/64   | %110 | 25CB          | ○  | White Circle  |
| %56  | non-TLG   |      | Papyrological Project Fraction 1/128  | %127 | 032F          | ◌̣ | Combining Inverted Breve Below  |
| %59  | non-TLG   |      | Papyrological Project Fraction 3/4  | %128 | 030C          | ◌̣ | Combining Caret   |
| %60  | non-TLG   |      | Papyrological Project Fraction 1/3  | %129 | 2020          | †  | Dagger<br>▸ Interpolation   |
| %61  | non-TLG   |      | Papyrological Project Fraction 1/6  | %130 | 0307          | ◌̣ | Combining Dot Above<br>▸ Myriad   |
| %62  | non-TLG   |      | Papyrological Project Fraction 1/12   | %132 | 0385          | ˆ  | Greek Dialectika Tonos<br>▸ Non-Combining Diaeresis And Acute Accent                              |
| %63  | non-TLG   |      | Papyrological Project Fraction 1/24   | %133 | 1FCD          | ˘  | Greek Psili and Varia<br>▸ Non-Combining Smooth Breathing And Grave                               |
| %64  | non-TLG   |      | Papyrological Project Fraction 1/48   | %134 | 1FCF          | ˘  | Greek Psili and Perispomeni<br>▸ Non-Combining Smooth Breathing And Circumflex                    |
| %65  | non-TLG   |      | Papyrological Project Fraction 1/96   | %138 | 23D1+0301     | ◌̣ | Metrical Breve and Combining Acute Accent<br>▸ Metrical Breve with Ictus                          |
| %69  | non-TLG   |      | Papyrological Project Fraction 2/3  | %139 | idiosyn       | ◌̣ | Metrical Long with Bracketed Ictus  |
| %70  | non-TLG   |      | Papyrological Project Fraction 1/50   | %140 | 10112         | ≡  | Aegean Number Thirty<br>▸ Metrical Long over Long over Long                                       |
| %71  | non-TLG   |      | Papyrological Project Fraction 1/100  | %141 | 23D6          | ˘˘ | Metrical Two Shorts Joined  |
| %72  | non-TLG   |      | Papyrological Project Fraction 1/100  | %142 | 2510          |    | Box Drawings Light Down and Left<br>▸ Previous Vowel Short By Position                            |
| %73  | non-TLG   |      | Papyrological Project Fraction 1/30   | %144 | 23D1+0336     | ◌̣ | Metrical Breve and Combining Long Stroke Overlay<br>▸ Metrical Breve in Longo Vel Longum in Brevi |
| %80  | markup<br><italic><br>0076+<br>002E                   | v.   | Italic Latin Small Letter V and Full Stop<br>▸ Inscription Blank Space  | %145 | 2013+0301     | ˆ  | EN Dash and Combining Acute Accent<br>▸ Metrical Long with Ictus                                  |
| %81  | markup<br><italic><br>0076+<br>0061+<br>0063+<br>002E | vac. | Italic Latin Small Letter V and Latin Small Letter A and Latin Small Letter C and Full Stop<br>▸ Inscription Blank Spaces | %146 | 00B7          | ·  | Middle Dot<br>▸ Latin Word Divider  |
| %91  | 0485  | ◌̣   | Combining Cyrillic Dasia Pneumata <sup>28</sup><br>▸ Archaic Rough Breathing  | %147 | 030A          | ◌̣ | Combining Bolle   |
| %92  | 0486  | ◌̣   | Combining Cyrillic Psili Pneumata <sup>29</sup><br>▸ Archaic Smooth Breathing   | %148 | 030C          | ◌̣ | Combining Hacek   |
| %93  | 1DC0  | ◌̣   | Combining Dotted Grave Accent   | %149 | 0328          | ◌̣ | Combining Ogonek  |
| %94  | 0307  | ◌̣   | Combining Dot Above   | %150 | 007C          |    | Vertical Line<br>▸ Metrical Foot Divider  |
| %95  | 1DC1  | ◌̣   | Combining Dotted Acute Accent   | %151 | non-TLG       | —  | Insert Rule<br>→ leader   |
| %96  | 035C  | ◌̣   | Combining Double Breve Below  | %152 | non-TLG       | •  | Insert Dots<br>→ leader   |
| %97  | 0307  | ◌̣   | Combining Dot Above<br>▸ Myriad   | %153 | non-TLG       | -  | Insert Hyphens<br>→ leader  |
| %98  | 0022  | "    | Quotation Mark<br>▸ Ditto Mark  | %154 | 2234          | □  | Therefore<br>▸ Three Dot Punctuation  |
| %99  | 2248  | ≈    | Almost Equal To   | %155 | 2235          | □  | Because<br>▸ Three Dot Punctuation  |
| %100 | 003B  | ;    | Semicolon<br>▸ Latin Semicolon  | %157 | rare          | †  | Inverted Dagger   |
| %101 | 0023  | #    | Hash Sign   | %158 | 2042          | ** | Asterism  |
| %102 | 2018  | '    | Left Single Quotation Mark  | %159 | 00D7          | ×  | Multiplication Sign   |
| %103 | 005C  | \    | Backslash   | %160 | 002D          | -  | Minus Sign  |
| %104 | 005E  | ^    | Circumflex Accent<br>▸ Caret  | %161 | 00F7          | ÷  | Division Sign   |
| %105 | 007C+<br>007C+<br>007C                                |      | Vertical Line and Vertical Line and Vertical Line<br>▸ Triple Vertical Bar  | %162 | 0338          | /  | Combining Long Slash Overlay  |
|      |   |      |   | %163 | 00B6          | ¶  | Paragraph Sign  |
|      |   |      |   | %170 | 0359          | ◌̣ | Combining Asterisk Below  |
|      |   |      |   | %171 | 002F+<br>002F | // | Solidus and Solidus<br>▸ Combined Fragments   |
|      |   |      |   | %172 | 02BC          | ›  | Modifier Letter Apostrophe<br>▸ Non-Combining Smooth Breathing                                    |

<sup>28</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 0314 Combining Reversed Comma Above (Greek dasia, rough breathing mark). For the time being, 0485 Combining Cyrillic Dasia Pneumata represents a 'best fit' solution. For the non-combining form use 0020+0485.

<sup>29</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 0313 Combining Comma Above (Greek psili, rough breathing mark). For the time being, 0486 Combining Cyrillic Psili Pneumata represents a 'best fit' solution. For the non-combining form use 0020+0486.



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| Beta | Unicode                             | Name  | Beta | Unicode                             | Name  |
|------|-------------------------------------|---|------|-------------------------------------|---|
| #81  | 0027                                | '<br>Apostrophe<br>→ papyrological  | #122 | 1017D                               | ϝ<br>Greek Two Obols Sign   |
| #82  | 02CA                                | ´<br>Modifier Acute Accent<br>→ papyrological   | #123 | 1017C                               | Ϟ<br>Greek Obol Sign  |
| #83  | 02CB                                | ˘<br>Modifier Grave Accent<br>→ papyrological   | #124 | idiosyn                             | ⸗⸘⸙<br>Two Dashes and Three Dots Symbol   |
| #84  | 1FC0                                | ͂<br>Greek Perispomeni<br>→ papyrological   | #125 | markup<br>10182+<br><super><br>03C5 | ϙ <sup>υ</sup><br>Greek Kyathos Base Sign and<br>superscript Greek Small Letter Upsilon<br>▸ Kyathos Abbreviation                   |
| #85  | 02BD                                | Ϸ <sup>31</sup><br>Modifier Letter Reversed Comma<br>→ papyrological  | #126 | idiosyn                             | ⸗⸘⸙⸚<br>Two Dashes and Four Dots Symbol   |
| #86  | 02BC                                | ϸ <sup>32</sup><br>Modifier Letter Apostrophe<br>→ papyrological  | #127 | 03BB+<br>0345                       | λ̂<br>Greek Small Letter Lambda and<br>Combining Greek Ypogegrammeni<br>▸ Litra Abbreviation  |
| #87  | 0394+<br>0345                       | Δ̂<br>Greek Capital Letter Delta and<br>Combining Greek Ypogegrammeni<br>▸ Deina  | #128 | 03FC                                | ρ̂<br>Greek Rho with Stroke Sumbol  |
| #90  | 2014                                | —<br>EM Dash  | #129 | 039B+<br>0325                       | Λ̂<br>Greek Capital Letter Lambda and<br>Combining Ring Below<br>▸ Drachma Abbreviation   |
| #100 | 10186                               | Ϸ̂<br>Greek Artabe Sign   | #130 | 1018A                               | Ϸ̂̂<br>Greek Zero Sign  |
| #101 | 1017B                               | Ϸ̂<br>Greek Drachma Sign  | #131 | 10177                               | Ϸ̂̂̂<br>Greek Two Thirds Sign   |
| #102 | markup<br>10182+<br><super><br>03C5 | ϙ <sup>υ</sup><br>Greek Kyathos Base Sign and<br>superscript Greek Small Letter Upsilon<br>▸ Kyathos Abbreviation         | #132 | 03B2+<br>0338                       | β̂<br>Greek Small Letter Beta and<br>Combining Long Solidus Overlay<br>▸ Two Thirds Abbreviation                                    |
| #103 | 039B+<br>0338                       | Λ̂<br>Greek Capital Letter Lambda and<br>Combining Long Solidus Overlay<br>▸ Greek Litra Abbreviation                     | #133 | markup<br>03C7+<br><super><br>03BF  | χ̂ <sup>ο</sup><br>Greek Small Letter Chi and<br>superscript Greek Small Letter<br>Omicron<br>▸ Chous Abbreviation                  |
| #104 | markup<br>10182+<br><super><br>03BF | ϙ <sup>υ</sup><br>Greek Kyathos Base Sign and<br>superscript Greek Small Letter<br>Omicron<br>▸ Kotyle Abbreviation       | #134 | markup<br>0393+<br><super><br>03B2  | Γ̂ <sup>β</sup><br>Greek Capital Letter Gamma and<br>superscript Greek Small Letter Beta <sup>33</sup><br>▸ Two Thirds Abbreviation |
| #105 | idiosyn                             | Ϸ̂̂̂<br>Greek Xestes Sign Alternate Form  | #135 | 02D9                                | ̂<br>Dot Above<br>▸ Myriad  |
| #106 | 10184                               | Ϸ̂̂<br>Greek Ounkia Sign  | #136 | 03A3                                | Σ̂ <sup>34</sup><br>Greek Capital Letter Sigma<br>▸ Stater  |
| #107 | idiosyn                             | ⸗⸘⸙⸚<br>Two Dashes and Three Dots Symbol  | #137 | markup<br>0393+<br><super><br>03B2  | Γ̂ <sup>β</sup><br>Greek Capital Letter Gamma and<br>superscript Greek Small Letter Beta <sup>35</sup><br>▸ Two Thirds Abbreviation |
| #108 | idiosyn                             | ⸗⸘⸙⸚⸛<br>Three Dashes and Two Dots Symbol   | #150 | 221E                                | ∞<br>Infinity   |
| #109 | markup<br>10182+<br><super><br>03BF | ϙ <sup>υ</sup><br>Greek Kyathos Base Sign and<br>superscript Greek Small Letter<br>Omicron<br>▸ Kotyle Abbreviation       | #151 | 2014                                | —<br>EM Dash  |
| #110 | markup<br><super><br>03B1<br>+0317  | α̂<br>Greek Small Letter Alpha and<br>Combining Acute Accent Below<br>→ abbreviation                                      | #152 | 205A+<br>2014                       | ⸗⸘⸙⸚⸛<br>Two Dot Punctuation and EM Dash  |
| #111 | markup<br>10182+<br><super><br>03B5 | ϙ <sup>ε</sup><br>Greek Kyathos Base Sign and<br>superscript Greek Small Letter Epsilon<br>▸ Keration Abbreviation Symbol | #153 | 2026+<br>0305                       | ⋯<br>Horizontal Ellipsis and Combining<br>Overline  |
| #112 | 10188                               | Γ̂ <sup>γ</sup><br>Greek Gramma Sign  | #154 | 2C80                                | Α̂<br>Coptic Capital Letter Alfa  |
| #113 | 1017C                               | Ϟ<br>Greek Obol Sign  | #155 | 2014+<br>0323                       | ⸗⸘⸙⸚̂<br>EM Dash and Combining Dot Below  |
| #114 | 10140                               | Ϸ̂<br>Greek One Half Obol Sign  | #156 | 2310                                | ⸗<br>Reversed Not Sign  |
| #115 | 10189                               | Ϸ̂̂<br>Greek Tryblion Base Sign   | #157 | idiosyn                             | ⸗⸘⸙⸚⸛⸜<br>Six Dot Punctuation   |
| #116 | 1017C                               | Ϟ<br>Greek Obol Sign  | #158 | 2237+<br>0336                       | ⸗⸘⸙⸚⸛⸜⸝<br>Proportion and Combining Long<br>Stroke Overlay  |
| #117 | 10183                               | Ϸ̂̂̂<br>Greek Litra Symbol  | #159 | 2237+<br>0334                       | ⸗⸘⸙⸚⸛⸜⸝⸞<br>Proportion and Combining Tilde<br>Overlay   |
| #118 | 03BB+<br>0338                       | λ̂<br>Greek Small Letter Lambda and<br>Combining Long Solidus Overlay<br>▸ Litra Abbreviation                             | #160 | 007E+<br>0323                       | ̂̂<br>Tilde and Combining Dot Below   |
| #119 | 1017D                               | ϝ<br>Greek Two Obols Sign   |      |                                     |   |
| #120 | 10184                               | Ϸ̂̂<br>Greek Ounkia Sign  |      |                                     |   |
| #121 | 03BE+<br>0338                       | ξ̂<br>Greek Small Letter Xi and Combining<br>Long Solidus Overlay<br>▸ Xestes Abbreviation                                |      |                                     |   |

<sup>31</sup> "spacing clone of Greek rough breathing mark" (*Unicode Standard 5.0*, page 26)

<sup>32</sup> "spacing clone of Greek smooth breathing mark" (*Unicode Standard 5.0*, page 26)

<sup>33</sup> This Beta Code represents a ligature of 0393 Greek Capital Letter Gamma and superscript 03B2 Greek Small Letter Beta. The Unicode equivalents given represent a 'best fit' solution.

<sup>34</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 03A3 Greek Capital Letter Sigma. This glyph variant looks like 03DE Greek Letter Koppa, Ϸ̂. For the time being, the main variant of 03A3 will be used.

<sup>35</sup> This Beta Code represents a ligature of 0393 Greek Capital Letter Gamma and superscript 03B2 Greek Small Letter Beta.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta          | Unicode                                     | Name        | Beta   | Unicode       | Name                               |        |   |
|---------------|---|-------------|--|---------------|------------------------------------|--------|---|
| #161          | 10175                                       | ☾           | Greek One Half Sign  | #301          | markup<br><stack><br>039B+<br>039F | Ⲁ<br>Λ | Greek Capital Letter Lambda and<br>Greek Capital Letter Omicron<br>Abbreviation |
| #162          | 25A1  | ◻           | White Square   | #302          | idiosyn                            | Ⲁ      | Editorial Coronis Alternate Version   |
| #163          | 0375  | ⁂           | Greek Lower Numeral Sign   | #303          | 003E                               | >      | Greater-Than Sign<br>▸ Diple  |
| #165          | markup<br><super><br>00D7                   | ⁂           | Superscript Multiplication Sign<br>▸ Diophantine Fraction Sign   | #304          | rare                               | Ⲁ      | Editorial Coronis Lower Half  |
| #166          | 2A5A  | ∧           | Logical And with Middle Stem<br>▸ Diophantine Minus Sign   | #305          | 2E0E                               | Ⲁ      | Editorial Coronis   |
| #167          | markup<br><stack><br>039C+<br>039C          | Μ<br>Μ      | Stacked Greek Capital Letter Mu and<br>Greek Capital letter Mu<br>▸ Myriad of Myriad Sign  | #306          | rare                               | Ⲁ      | Double Paragraphos  |
| #168          | markup<br><stack><br>039C+<br>039C+<br>039C | Μ<br>Μ<br>Μ | Stacked Greek Capital Letter Mu and<br>Greek Capital letter Mu and Greek<br>Capital Letter Mu<br>▸ Myriad of Myriad of Myriad Sign | #307          | rare                               | Ⲁ      | Editorial Coronis Upper Half  |
| #169          | 10175                                       | ☾           | Greek One Half Sign  | #308          | rare                               | Ⲁ      | Editorial Coronis Lower Half<br>→ use with #311                                 |
| #170          | 0049+<br>0049                               | II          | Latin Capital Letter I and Latin Capital<br>Letter I   | #310          | 2E0E                               | Ⲁ      | Editorial Coronis   |
| #171          | 10175                                       | ☾           | Greek One Half Sign  | #311          | rare                               | Ⲁ      | Editorial Coronis Lower Half<br>→ use with #308                                 |
| #172          | 10176                                       | ☾           | Greek One Half Sign Alternate Form   | #312          | rare                               | Ⲁ      | Editorial Coronis Upper Half  |
| #173          | 10175                                       | ☾           | Greek One Half Sign  | #313          | 2E0E                               | Ⲁ      | Editorial Coronis   |
| #200          | 2643  | ♃           | Jupiter  | #314          | idiosyn                            | Ⲁ      | Idiosyncratic Editorial Sign  |
| #201          | 25A1  | ◻           | White Square   | #315          | 2E0E                               | Ⲁ      | Editorial Coronis   |
| #202          | 264F  | ♏           | Scorpio  | #316          | non-TLG                            |        | Document Cancelled with Cross-<br>Strokes                                       |
| #203          | 264D  | ♍           | Virgo  | #317          | non-TLG                            |        | Document Cancelled with Slashes   |
| #204          | 2640  | ♀           | Venus  | #318          | non-TLG                            |        | Line Filled with Cross-Strokes  |
| #205          | 2650  | ♐           | Sagittarius  | #319          | 25CF                               | ●      | Black Circle  |
| #206          | 2644  | ♄           | Saturn   | #320          | 2629                               | ⴥ      | Cross of Jerusalem<br>▸ Stauros   |
| #207          | 2609  | ☼           | Sun  | #321          | 2629                               | ⴥ      | Cross of Jerusalem<br>▸ Stauros   |
| #208          | 263F  | ♁           | Mercury  | #322          | 2627                               | ϰ      | Chi-Rho<br>→ magical Papyri   |
| #209          | 263E  | ☾           | Last Quarter Moon  | #323          | 003E                               | >      | Greater-Than Sign<br>→ line Filler  |
| #210          | 2642  | ♂           | Mars   | #324          | non-TLG                            |        | Filler Stroke<br>→ extension of Letter to Margin                                |
| #211          | 2651  | ♐           | Capricorn  | #325          | non-TLG                            |        | Large Single X  |
| #212          | 264C  | ♌           | Leo  | #326          | non-TLG                            |        | Pattern of X's  |
| #213          | 2648  | ♈           | Aries  | #327          | non-TLG                            |        | Tachygraphic Marks  |
| #214          | 264E  | ♎           | Libra  | #328          | non-TLG                            |        | Three Stigmas with Bar Through<br>Middle  |
| #215          | 264A  | ♊           | Gemini   | #329          | non-TLG                            |        | Monogram  |
| #216          | 264B  | ♋           | Cancer   | #330          | non-TLG                            |        | Drawing   |
| #217          | 2653  | ♉           | Pisces   | #331          | non-TLG                            |        | Wavy Line As Text Divider   |
| #218          | 2652  | ♊           | Aquarius   | #332          | non-TLG                            |        | Impression of Stamp on Papyrus  |
| #219          | 2649  | ♉           | Taurus   | #333          | non-TLG                            |        | Text Enclosed in Box or Circle  |
| #220          | 260D  | ♌           | Opposition   | #334          | non-TLG                            |        | Text Enclosed in Brackets on Papyrus  |
| #221          | 263D  | ☾           | First Quarter Moon   | #335          | non-TLG                            |        | Capital N Slashed   |
| #222          | 260C  | ♌           | Conjunction  | #336          | non-TLG                            |        | Redundant S-type (ἔτους) Sign   |
| #223          | 2605  | ◻           | Black Star   | #337          | non-TLG                            |        | Seal Attached to papyrus  |
| #224-<br>#239 | non-TLG                                     |             | Founding Fathers Project Characters  | *#400<br>#400 | 0370<br>0371                       | Η<br>η | Greek Capital Letter Heta<br>Greek Small Letter Heta                            |
| #240          | 10177                                       | ☾           | Greek Two Thirds Sign  | *#401<br>#401 | 037F<br>03F3                       | Ϸ<br>Ϸ | Greek Capital Letter Yot<br>Greek Small Letter Yot                              |
| #241          | 260B  | ♋           | Descending Node<br>▸ Ascendent Sign  | #451          | 0283                               | ƒ      | Editorial Coronis Early Variant <sup>36</sup>                                   |
| #242          | 2651  | ♐           | Capricorn  | #452          | 2E10                               | ↯      | Forked Paragraphos  |
| #243          | idiosyn                                     | ♌           | Sign of the Zodiac   | #453          | 2E11                               | ↯      | Reverse Forked Paragraphos  |
| #244          | 264C  | ◻           | Leo  | #454          | 2E10                               | ↯      | Forked Paragraphos  |
| #245          | 264E+<br>033D                               | ♎           | Libra and Combining X Above  | #455          | 2E11                               | ↯      | Reverse Forked Paragraphos  |
| #246          | idiosyn                                     | ♋           | Heaven   | #456          | 2E0E                               | Ⲁ      | Editorial Coronis Early Variant <sup>37</sup>                                   |
| #247          | idiosyn                                     | ♁           | Earth  |               |                                    |        |   |
| #248          | idiosyn                                     | ♌           | New Moon Symbol  |               |                                    |        |   |
| #249          | 03C0+<br>263E                               | ☾           | Full Moon Symbol   |               |                                    |        |   |
| #250          | idiosyn                                     | ♋           | Astrological Symbol  |               |                                    |        |   |
| #300          | rare  | Ⲁ           | Editorial Coronis Upper Half   |               |                                    |        |   |

<sup>36</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 2E0E Editorial Coronis. For the time being, 0283 Latin Small Letter Esh represents the 'best fit' solution.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta | Unicode                                     | Name   | Beta | Unicode       | Name   |
|------|---|--|------|---------------|--|
| #457 | idiosyn                                     | ⏏ Idiosyncratic Paragraphos Variant  | #524 | 2297          | ⊗ Circled Times<br>▸ End of Poem   |
| #458 | 03A7  | X Greek Capital Letter Chi<br>→ editorial  | #525 | 271B          | ⊠ Heavy Open Centre Cross  |
| #459 | 00B7  | . Middle Dot<br>→ papyrological  | #526 | 2190          | ← Leftward arrow   |
| #460 | 2014  | — EM Dash<br>→ papyrological   | #527 | 02C6          | ◌̂ Modifier Letter Circumflex Accent<br>→ editorial  |
| #461 | 007C  | Vertical Line<br>→ papyrological   | #528 | 03BB+<br>032D | λ Greek Small Letter Lambda and<br>Combining Circumflex Accent Below<br>▸ Lambda insertion               |
| #465 | 2627  | ⲗ Chi-Rho<br>→ editorial   | #529 | 204B          | ⏏ Interpolation Marker   |
| #466 | idiosyn                                     | ∟ Idiosyncratic Editorial Character  | #530 | idiosyn       | ⏏ Ancient Editorial Character  |
| #467 | 2192  | → Rightwards Arrow   | #531 | 035C          | ◌̣ Combining Double Breve Below  |
| #468 | 2E0E  | Ϟ Editorial Coronis Variant <sup>38</sup>  | #532 | 2E12          | · Hypodiatole  |
| #476 | 0283  | ∫ Small Letter Esh Symbol  | #533 | 03DA          | Λ Greek Capital Lunate Sigma Symbol<br>→ uncial glyph variant  |
| #501 | abbr  | ⏏ πῖθάνων Abbreviation   | #534 | 0302<br>02C6  | ◌̂ Combining Circumflex Accent<br>Modifier Letter Circumflex Accent<br>→ editorial                       |
| #502 | idiosyn                                     | Ϟ ἡλιακόν Symbol   | #535 | idiosyn       | ⏏ Unknown Papyrological Character  |
| #503 | abbr  | ⏏ Πι-Rho Abbreviation  | #536 | idiosyn       | ⏏ Unknown Papyrological Character  |
| #504 | 2E0E  | Ϟ Editorial Coronis  | #537 | idiosyn       | ⏏ Unknown Papyrological Character  |
| #505 | 205C  | ⦿ Dotted Cross Symbol  | #538 | idiosyn       | ⏏ Unknown Manuscript Character   |
| #506 | 2E15  | ∧ Downward Ancora  | #539 | rare          | ⏏ Editorial Coronis Lower Half   |
| #507 | 2E14  | ∨ Upward Ancora  | #540 | idiosyn       | ⏏ Variant Obelus   |
| #508 | 203B  | ⦿ Asteriskos   | #541 | non-TLG       | ⏏ Idiosyncratic Papyrological Character  |
| #509 | 0305+<br>0311                               | ◌̂ Combining Overbar and Circumflex  | #542 | 03A1<br>+0336 | ρ Greek Capital Letter Rho and<br>Combining Long Stroke Overlay  |
| #510 | markup<br><stack><br>03C0+<br>2014+<br>03B5 | ⲗⲏ Stacked Greek Small Letter Pi and EM<br>Dash and Greek Small Letter Epsilon<br>▸ Pi-Epsilon Symbol    | #543 | idiosyn       | ⲗ Greek Capital Letter Rho Rotated 180°<br>and Combining Long Stroke Overlay                             |
| #511 | markup<br><stack><br>03BA+<br>2014+<br>03B9 | ⲗⲓ Stacked Greek Small Letter Kappa<br>and EM Dash and Greek Small Letter<br>iota<br>▸ Kappa-iota Symbol | #544 | 2058          | ⦿ Four Dot Punctuation<br>→ Diamond Glyph  |
| #512 | 03FD  | ⲓ Greek Capital Reversed Lunate Sigma<br>Symbol<br>→ abbreviation  | #545 | idiosyn       | δ δηροτάτος Symbol   |
| #513 | idiosyn                                     | ⦿ Worm on Circle<br>→ standing   | #546 | idiosyn       | κ πλαγιοφύλαξ Symbol   |
| #514 | idiosyn                                     | ⦿ Worm on Circle<br>→ crawling   | #547 | idiosyn       | φ ψιλός Symbol   |
| #515 | 10185                                       | ∞ Greek Xestes Sign  | #548 | 2016<br>+0334 | ⏏ Double Vertical Line and Combining<br>Tilde Overlay<br>▸ Unknown Abbreviation                          |
| #516 | 0394+<br>0345                               | Δ Greek Capital Letter Delta and<br>Combining Greek Ypogegrammeni<br>→ abbreviation                      | #549 | idiosyn       | ≡ Four Horizontal Lines  |
| #517 | 10185                                       | ∞ Greek Xestes Sign  | #550 | 2E2E          | ⦿ Four Dot Punctuation<br>→ Square Glyph   |
| #518 | 10179                                       | ∞ Greek Year sign  | #551 | 25CC          | ◌̣ Dotted circle   |
| #519 | 2191  | ↑ Upward Arrow   | #552 | idiosyn       | ∞ Exile sign   |
| #520 | 2629  | ⦿ Cross of Jerusalem<br>▸ stauros  | #553 | idiosyn       | ⏏ Abolition of Law Symbol  |
| #521 | idiosyn                                     | ⦿ Colic Amulet Symbol  | #554 | idiosyn       | ∞ New Testament Symbol   |
| #522 | markup<br><rotate><br>0397                  | Η Greek Capital Letter Eta Rotated 90°   | #555 | idiosyn       | € Gentiles Symbol  |
| #523 | 2E13  | ∞ Dotted Obelus<br>▸ ἐοτί Abbreviation   | #556 | 2629          | ⦿ Cross of Jerusalem<br>▸ Stauros  |
|      |   |  | #557 | idiosyn       | ∞ Promise Symbol   |
|      |   |  | #558 | idiosyn       | ∞ Biblical Ambiguity Symbol  |
|      |   |  | #559 | idiosyn       | ∞ Future Prophecy Symbol   |
|      |   |  | #561 | 2191          | ↑ Upward Arrow   |
|      |   |  | #562 | 0305          | ◌̂ Combining Overline<br>▸ Musical Diseme  |
|      |   |  | #563 | 1D242         | ◌̂ Musical Triseme   |
|      |   |  | #564 | 1D243         | ◌̂ Musical Tetraseme   |
|      |   |  | #565 | 1D244         | ◌̂ Musical Pentaseme   |
|      |   |  | #566 | 1D231         | ⦿ Greek Instrumental Notation Symbol-<br>32  |
|      |   |  | #567 | 1D213         | ⦿ Greek Vocal Notation Symbol-20<br>• Greek Instrumental Notation Symbol-<br>28<br>▸ Mathematical Symbol |
|      |   |  | #568 | 1D233         | ⦿ Greek Instrumental Notation Symbol-<br>37  |

<sup>37</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 2E0E Editorial Coronis. For the time being, the main variant of 2E0E will be used.

<sup>38</sup> With the adoption of Open Type fonts, this beta code will be represented by a glyph variant of 2E0E Editorial Coronis. For the time being, the main variant of 2E0E will be used.

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| Beta | Unicode |   | Name  | Beta | Unicode |   | Name  |
|------|---------|---|---|------|---------|---|---|
| #569 | 1D236   | < | Greek Instrumental Notation Symbol-40<br>▸ Greek Archaic Musical Symbol-3a  | #596 | rare    | ϣ | Greek Archaic Musical Symbol-4b<br>▸ Greek Archaic Musical Symbol-6a<br>▸ Mathematical Symbol                     |
| #570 | 03F9    | ϸ | Greek Capital Lunate Sigma symbol<br>▸ Greek Vocal Notation Symbol-31<br>▸ Greek Archaic Musical Symbol-36a<br>▸ Greek Archaic Musical Symbol-34b                                       | #597 | rare    | Ϸ | Greek Archaic Musical Symbol-7b   |
| #571 | 10143   | Ϲ | Greek Idiosyncratic Musical Symbol  | #598 | 0394    | Δ | Greek Capital Letter Delta<br>▸ Greek Archaic Musical Symbol-10b<br>▸ Greek Archaic Musical Symbol-9a             |
| #572 | 1D229   | Ϻ | Greek Instrumental Notation Symbol-19<br>▸ Greek Archaic Musical Symbol-26b   | #599 | 1D214   | ϻ | Greek Vocal Notation Symbol-21<br>▸ Greek Archaic Musical Symbol-10a<br>▸ Greek Archaic Musical Symbol-9b         |
| #573 | 1D212   | ϻ | Greek Vocal Notation Symbol-19  | #600 | 1D228   | ϼ | Greek Instrumental Notation Symbol-18<br>▸ Greek Archaic Musical Symbol-12a<br>▸ Greek Archaic Musical Symbol-11b |
| #574 | 0393    | Γ | Greek Capital Letter Gamma<br>▸ Greek Vocal Notation Symbol-46  | #601 | rare    | Ͻ | Greek Archaic Musical Symbol-2b<br>▸ Greek Archaic Musical Symbol-40b   |
| #575 | 1D215   | ϼ | Greek Vocal Notation Symbol-22<br>▸ Greek Instrumental Notation Symbol-24   | #602 | 1D237   | > | Greek Instrumental Notation Symbol-42<br>▸ Greek Archaic Musical Symbol-3b  |
| #576 | 1D216   | Ͻ | Greek Vocal Notation Symbol-23  | #603 | 03A0    | Π | Greek Capital Letter Pi<br>▸ Greek Vocal Notation Symbol-33<br>▸ Greek Archaic Musical Symbol-5b                  |
| #577 | 03A6    | Φ | Greek Capital Letter Phi<br>▸ Greek Vocal Notation Symbol-28  | #604 | 1D226   | Ͽ | Greek Instrumental Notation Symbol-14<br>▸ Greek Archaic Musical Symbol-14a<br>▸ Greek Archaic Musical Symbol-13b |
| #578 | 03A1    | Ρ | Greek Capital Letter Rho<br>▸ Greek Vocal Notation Symbol-32  | #605 | rare    | ⊥ | Greek Archaic Musical Symbol-13a<br>▸ Greek Archaic Musical Symbol-14b  |
| #579 | 039C    | Μ | Greek Capital Letter Mu<br>▸ Greek Vocal Notation Symbol-37   | #606 | rare    | ϼ | Greek Archaic Musical Symbol-15a  |
| #580 | 0399    | Ι | Greek Capital Letter Iota<br>▸ Greek Vocal Notation Symbol-40   | #607 | rare    | Ͼ | Greek Archaic Musical Symbol-16b<br>▸ Greek Archaic Musical Symbol-17a  |
| #581 | 0398    | Θ | Greek Capital Letter Theta<br>▸ Greek Vocal Notation Symbol-41  | #608 | rare    | Ͽ | Greek Archaic Musical Symbol-16a<br>▸ Greek Archaic Musical Symbol-17b  |
| #582 | 1D20D   | Ͽ | Greek Vocal Notation Symbol-14<br>▸ Greek Instrumental Notation Symbol-41   | #609 | rare    | Ͽ | Greek Archaic Musical Symbol-18a<br>▸ Greek Archaic Musical Symbol-19b  |
| #583 | 039D    | Ν | Greek Capital Letter Nu<br>▸ Greek Vocal Notation Symbol-36<br>▸ Greek Instrumental Notation Symbol-46  | #610 | rare    | Ͽ | Greek Archaic Musical Symbol-18b<br>▸ Greek Archaic Musical Symbol-19a  |
| #584 | 2127    | ⊖ | Inverted Ohm Sign<br>▸ Greek Vocal Notation Symbol-49   | #611 | rare    | α | Greek Archaic Musical Symbol-20a  |
| #585 | 0396    | Ζ | Greek Capital Letter Zeta<br>▸ Greek Vocal Notation Symbol-43<br>▸ Greek Instrumental Notation Symbol-49  | #612 | rare    | Ͽ | Greek Archaic Musical Symbol-23b<br>▸ Greek Archaic Musical Symbol-24a  |
| #586 | 1D238   | Ͽ | Greek Instrumental Notation Symbol-43   | #613 | rare    | Ͽ | Greek Archaic Musical Symbol-15b  |
| #587 | 0395    | Ε | Greek Capital Letter Epsilon<br>▸ Greek Vocal Notation Symbol-44<br>▸ Greek Instrumental Notation Symbol-16<br>▸ Greek Archaic Musical Symbol-12a<br>▸ Greek Archaic Musical Symbol-11a | #614 | rare    | ∞ | Greek Archaic Musical Symbol-20b  |
| #588 | 1D208   | Ϻ | Greek Vocal Notation Symbol-9<br>▸ Greek Instrumental Notation Symbol-44<br>▸ Greek Archaic Musical Symbol-5a   | #615 | 1D230   | Ͽ | Greek Instrumental Notation Symbol-30<br>▸ Greek Archaic Musical Symbol-28a                                       |
| #589 | 1D21A   | Ͽ | Greek Vocal Notation Symbol-52  | #616 | 1D21E   | Ͽ | Greek Instrumental Notation Symbol-2<br>▸ Greek Archaic Musical Symbol-30a  |
| #590 | 1D23F   | Ͽ | Greek Instrumental Notation Symbol-52   | #617 | 03A9    | Ω | Greek Capital Letter Omega<br>▸ Greek Archaic Musical Symbol-32a  |
| #591 | 1D21B   | λ | Greek Vocal Notation Symbol-53  | #618 | rare    | λ | Greek Archaic Musical Symbol-38a  |
| #592 | 1D240   | λ | Greek Instrumental Notation Symbol-53   | #619 | 03BB    | λ | Greek Small Letter Lambda<br>▸ Greek Archaic Musical Symbol-44a   |
| #593 | 039B    | Λ | Greek Capital Letter Lambda<br>▸ Greek Vocal Notation Symbol-38   | #620 | rare    | λ | Greek Archaic Musical Symbol-46a  |
| #594 | rare    | ο | Greek Archaic Musical Symbol-2a<br>▸ Greek Archaic Musical Symbol-40a   | #621 | 1D205   | Ͽ | Greek Vocal Notation Symbol-6<br>▸ Greek Instrumental Notation Symbol-21<br>▸ Greek Archaic Musical Symbol-26b    |
| #595 | rare    | δ | Greek Archaic Musical Symbol-4a<br>▸ Greek Archaic Musical Symbol-6b<br>▸ Mathematical Symbol   | #622 | 1D201   | Ͽ | Greek Vocal Notation Symbol-2<br>▸ Greek Archaic Musical Symbol-30b   |
|      |         |   |   | #623 | 2127    | ⊖ | Inverted Ohm Sign<br>▸ Greek Archaic Musical Symbol-32b   |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta | Unicode |   | Name  | Beta | Unicode    |   | Name   |
|------|---------|---|---|------|------------|---|--|
| #624 | 03FD    | Ϸ | Greek Capital Reversed Lunate Sigma Symbol<br>▸ Greek Instrumental Notation Symbol-33<br>▸ Greek Archaic Musical Symbol-36b<br>▸ Greek Archaic Musical Symbol-34a | #657 | 1D22E      | Ϸ | Greek Instrumental Notation Symbol-27                            |
| #625 | rare    | Ϸ | Greek Archaic Musical Symbol-38b  | #658 | 1D23E      | Ϸ | Greek Instrumental Notation Symbol-51                            |
| #626 | rare    | Ϸ | Greek Archaic Musical Symbol-46b  | #659 | 1D241      | Ϸ | Greek Instrumental Notation Symbol-54                            |
| #627 | 1D217   | Ϸ | Greek Vocal Notation Symbol-24  | #660 | 0391       | Α | Greek Capital Letter Alpha<br>▸ Greek Vocal Notation Symbol-48   |
| #628 | 039F    | Ο | Greek Capital Letter Omicron<br>▸ Greek Vocal Notation Symbol-34  | #661 | 0392       | Β | Greek Capital Letter Beta<br>▸ Greek Vocal Notation Symbol-47    |
| #629 | 039E    | Ξ | Greek Capital Letter Xi<br>▸ Greek Vocal Notation Symbol-35   | #662 | 03A5       | Υ | Greek Capital Letter Upsilon<br>▸ Greek Vocal Notation Symbol-29 |
| #630 | 0394    | Δ | Greek Capital Letter Delta<br>▸ Greek Vocal Notation Symbol-45  | #663 | 03A8       | Ψ | Greek Capital Letter Psi<br>▸ Greek Vocal Notation Symbol-26     |
| #631 | 039A    | Κ | Greek Capital Letter Kappa<br>▸ Greek Vocal Notation Symbol-39<br>• Greek Instrumental Notation Symbol-34   | #664 | 1D23A      | Ϸ | Greek Instrumental Notation Symbol-47                            |
| #632 | 1D20E   | Ϸ | Greek Vocal Notation Symbol-15<br>• Greek Instrumental Notation Symbol-35   | #665 | 1D234      | Ϸ | Greek Instrumental Notation Symbol-38                            |
| #633 | 1D232   | Ϸ | Greek Instrumental Notation Symbol-36   | #666 | 1D22F      | Ϸ | Greek Instrumental Notation Symbol-29                            |
| #634 | 1D239   | Ϸ | Greek Instrumental Notation Symbol-45   | #667 | 1D22D      | Ϸ | Greek Instrumental Notation Symbol-26                            |
| #635 | 1D200   | Ϸ | Greek Vocal Notation Symbol-1   | #668 | 1D210      | Ϸ | Greek Vocal Notation Symbol-17                                   |
| #636 | 1D203   | Ϸ | Greek Vocal Notation Symbol-4   | #669 | 1D20A      | Ϸ | Greek Vocal Notation Symbol-11                                   |
| #637 | 1D206   | Ϸ | Greek Vocal Notation Symbol-7<br>• Greek Instrumental Notation Symbol-9   | #670 | 1D207      | β | Greek Vocal Notation Symbol-8                                    |
| #638 | 1D209   | Ϸ | Greek Vocal Notation Symbol-10  | #671 | 1D21B      | λ | Greek Vocal Notation Symbol-53                                   |
| #639 | 1D20C   | Ϸ | Greek Vocal Notation Symbol-13  | #672 | 1D218      | λ | Greek Vocal Notation Symbol-50                                   |
| #640 | 1D211   | Ϸ | Greek Vocal Notation Symbol-18<br>• Greek Instrumental Notation Symbol-15   | #673 | 1D223      | Η | Greek Instrumental Notation Symbol-11                            |
| #641 | 03A9    | Ω | Greek Capital Letter Omega<br>▸ Greek Vocal Notation Symbol-25  | #674 | 1D222      | ω | Greek Instrumental Notation Symbol-8                             |
| #642 | 0397    | Η | Greek Capital Letter Eta<br>▸ Greek Vocal Notation Symbol-42<br>▸ Greek Instrumental Notation Symbol-10   | #675 | 1D240      | Ϸ | Greek Instrumental Notation Symbol-53                            |
| #643 | 1D21D   | Ϸ | Greek Instrumental Notation Symbol-1  | #676 | 1D23D      | Ϸ | Greek Instrumental Notation Symbol-50                            |
| #644 | 1D21F   | Ϸ | Greek Instrumental Notation Symbol-4  | #677 | 03BC       | μ | Greek Small Letter Mu<br>▸ Greek Idiosyncratic Musical Symbol    |
| #645 | 1D221   | Ϸ | Greek Instrumental Notation Symbol-7  | #678 | 1D220      | Ϸ | Greek Instrumental Notation Symbol-5                             |
| #646 | 1D225   | Ϸ | Greek Instrumental Notation Symbol-13   | #679 | 1D204      | Ϸ | Greek Vocal Notation Symbol-5                                    |
| #647 | 1D22C   | Ϸ | Greek Instrumental Notation Symbol-25   | #680 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #648 | 1D235   | Λ | Greek Instrumental Notation Symbol-39   | #681 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #649 | 1D20B   | Ϸ | Greek Vocal Notation Symbol-12  | #682 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #650 | 1D20F   | Ϸ | Greek Instrumental Notation Symbol-48   | #683 | 2733       | * | Eight Spoked Asterisk<br>▸ Greek Idiosyncratic Musical Symbol    |
| #651 | 03A7    | Χ | Greek Capital Letter Chi<br>▸ Greek Vocal Notation Symbol-27  | #684 | 1D22A      | Ϸ | Greek Instrumental Notation Symbol-23                            |
| #652 | 03A4    | Τ | Greek Capital Letter Tau<br>▸ Greek Vocal Notation Symbol-30  | #685 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #653 | 1D219   | Ϸ | Greek Vocal Notation Symbol-51  | #686 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #654 | 1D21C   | Ϸ | Greek Vocal Notation Symbol-54<br>• Greek Instrumental Notation Symbol-20   | #687 | rare       | Ϸ | Greek Idiosyncratic Musical Symbol                               |
| #655 | 1D202   | Ϸ | Greek Vocal Notation Symbol-3<br>• Greek Instrumental Notation Symbol-3   | #688 | 03BC +030A | μ | Greek Small Letter Mu and Combining Ring Above<br>→ abbreviation |
| #656 | 1D224   | Η | Greek Instrumental Notation Symbol-12   | #689 | 10175      | ∟ | Greek One Half Sign  |
|      |         |   |   | #690 | 27D8       | ⊥ | Perpendicular Line Illustration                                  |
|      |         |   |   | #691 | 27C0       | ∟ | Three-Dimensional Angle Illustration                             |
|      |         |   |   | #692 | 27C1       | ⊲ | Contained Shape Illustration                                     |
|      |         |   |   | #693 | idiosyn    | Ϸ | Unknown Abbreviation   |
|      |         |   |   | #694 | 0396       | Ϸ | Instrumental Notation Symbol 49                                  |
|      |         |   |   | #695 | 2014       | — | Vocal Notation Symbol 16   |
|      |         |   |   | #696 | 1D227      | Ϸ | Instrumental Notation Symbol 17                                  |
|      |         |   |   | #697 | 1D245      | Π | Greek Musical Leimma   |
|      |         |   |   | #700 | 205E       | ⋮ | Vertical Four Dots   |
|      |         |   |   | #701 | idiosyn    | Ϸ | Unknown Abbreviation   |
|      |         |   |   | #702 | idiosyn    | Ϸ | Unknown Editorial Character                                      |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta          | Unicode                   |        | Name  | Beta | Unicode |   | Name   |
|---------------|---------------------------|--------|---|------|---------|---|--|
| #703          | 25CB+<br>25CB+<br>25CB    | ooo    | Horizontal Three Circles  | #805 | 03A4    | Ⲛ | Greek Capital Letter Tau<br>▸ Greek Acrophonic Three Obols   |
| #704          | 2014+<br>0307             | —      | EM Dash and Combining Dot Above<br>▸ Obelus Idiosyncratic Form                    | #806 | 039A    | Ⲛ | Greek Capital Letter Kappa<br>▸ Greek Acrophonic One Collybus  |
| #705          | idiosyn                   | ‡      | Unknown Editorial Character   | #807 | 10166   | Ⲛ | Greek Acrophonic Troezenian Fifty  |
| #706          | idiosyn                   | ↗      | Unknown Editorial Character   | #808 | 10148   | Ⲛ | Greek Acrophonic Attic Five Talents  |
| #707          | idiosyn                   | ʻ      | Unknown Editorial Character   | #811 | 03A4    | Ⲛ | Greek Capital Letter Tau<br>▸ Greek Acrophonic Attic One Talent  |
| #708          | idiosyn                   | ↗      | Unknown Editorial Character   | #812 | 10148   | Ⲛ | Greek Acrophonic Attic Five Talents  |
| #709          | 223B                      | □      | Homothetic<br>→ editorial   | #813 | 10149   | Ⲛ | Greek Acrophonic Attic Ten Talents   |
| #710          | 039A<br>+0336             | Ⲛ      | Greek Capital Letter Kappa and<br>Combining Long Stroke Overlay<br>→ abbreviation | #814 | 1014A   | Ⲛ | Greek Acrophonic Attic Fifty Talents   |
| *#711<br>#711 | 03FA<br>03FB              | Ⲛ<br>Ⲛ | Greek Capital Letter San<br>Greek Small Letter San                                | #815 | 1014B   | Ⲛ | Greek Acrophonic Attic One Hundred<br>Talents  |
| #712          | idiosyn                   | Ⲛ      | Kronos  | #816 | 1014C   | Ⲛ | Greek Acrophonic Attic Five Hundred<br>Talents   |
| #713          | idiosyn                   | Ⲛ      | Zeus  | #817 | 1014D   | Ⲛ | Greek Acrophonic Attic One Thousand<br>Talents   |
| #714          | idiosyn                   | Ⲛ      | Ares  | #818 | 1014E   | Ⲛ | Greek Acrophonic Attic Five Thousand<br>Talents  |
| #715          | idiosyn                   | Ⲛ      | Aphrodite   | #819 | rare    | Ⲛ | Greek Acrophonic Attic Ten Thousand<br>Talents   |
| #716          | idiosyn                   | Ⲛ      | Hermes  | #821 | 03A3    | Ⲛ | Greek Capital Letter Sigma<br>▸ Greek Acrophonic One Stater  |
| #717          | 2E00                      | Ⲛ      | Right Angle Substitution Marker   | #822 | 1014F   | Ⲛ | Greek Acrophonic Troezenian Five   |
| #718          | 2E01                      | Ⲛ      | Right Angle Dotted Substitution<br>Marker   | #823 | 10150   | Ⲛ | Greek Acrophonic Attic Ten Staters   |
| #719          | 2E06                      | Ⲛ      | Raised Interpolation Marker   | #824 | 10151   | Ⲛ | Greek Acrophonic Attic Fifty Staters   |
| #720          | 2E07                      | Ⲛ      | Raised Dotted Interpolation Marker  | #825 | 10152   | Ⲛ | Greek Acrophonic Attic One Hundred<br>Staters  |
| #721          | markup<br><super><br>003A | Ⲛ      | Alternative Punctuation Marker  | #826 | 10153   | Ⲛ | Greek Acrophonic Attic Five hundred<br>Staters   |
| #722          | 2135                      | Ⲛ      | Alef Symbol   | #827 | 10154   | Ⲛ | Greek Acrophonic Attic One Thousand<br>Staters   |
| #723          | 1D516                     | Ⲛ      | Septuagint Reference  | #828 | rare    | Ⲛ | Greek Acrophonic Attic Five Thousand<br>Staters  |
| #724          | 210C                      | Ⲛ      | Hebrew Old Testament  | #829 | 10155   | Ⲛ | Greek Acrophonic Attic Ten Thousand<br>Staters   |
| #725          | 1D510                     | Ⲛ      | Majority Reading of New Testament<br>MSS  | #830 | 10147   | Ⲛ | Greek Acrophonic Attic Fifty Thousand<br>▸ Greek Acrophonic Attic Fifty<br>Thousand Staters  |
| #730          | 2014                      | —      | EM Dash<br>▸ Metrical Diseme  | #831 | 10147   | Ⲛ | Greek Acrophonic Attic Fifty Thousand<br>▸ Greek Acrophonic Attic Fifty<br>Thousand Drachmas<br>▸ Greek Acrophonic Attic Fifty<br>Thousand<br>Mnas |
| #731          | 23D7                      | Ⲛ      | Metrical Triseme  | #832 | 10156   | Ⲛ | Greek Acrophonic Attic Fifty Thousand<br>Staters   |
| #732          | 23D8                      | Ⲛ      | Metrical Tetraseme  | #833 | 039C    | Ⲛ | Greek Capital Letter Mu<br>▸ Greek Acrophonic Attic Ten<br>Thousand<br>▸ Greek Acrophonic Attic One Mna  |
| #733          | 23D9                      | Ⲛ      | Metrical Pentaseme  | #834 | 10157   | Ⲛ | Greek Acrophonic Attic One Mnas  |
| #751          | 0661                      | Ⲛ      | Arabic-Indic Digit One  | #835 | 03A7    | Ⲛ | Greek Capital Letter Xi<br>▸ Greek Acrophonic Epidaurean One<br>Chalkeios  |
| #752          | 0662                      | Ⲛ      | Arabic-Indic Digit Two  | #836 | 03A3    | Ⲛ | Greek Capital Letter Sigma<br>▸ Greek Acrophonic Epidaurean Two<br>Chalkeioi   |
| #753          | 0663                      | Ⲛ      | Arabic-Indic Digit Three  | #837 | 03A4    | Ⲛ | Greek Capital Letter Tau<br>▸ Greek Acrophonic Epidaurean Three<br>Chalkeioi   |
| #754          | 0664                      | Ⲛ      | Arabic-Indic Digit Four   | #838 | 10143   | Ⲛ | Greek Acrophonic Attic Five<br>▸ Greek Acrophonic Epidaurean Five<br>Chalkeioi   |
| #755          | 0665                      | Ⲛ      | Arabic-Indic Digit Five   | #839 | 10141   | Ⲛ | Greek Acrophonic Attic One Half<br>▸ Greek Acrophonic Epidaurean Six<br>Chalkeioi  |
| #756          | 0666                      | Ⲛ      | Arabic-Indic Digit Six  |      |         |   |  |
| #757          | 0667                      | Ⲛ      | Arabic-Indic Digit Seven  |      |         |   |  |
| #758          | 0668                      | Ⲛ      | Arabic-Indic Digit Eight  |      |         |   |  |
| #759          | 0669                      | Ⲛ      | Arabic-Indic Digit Nine   |      |         |   |  |
| #760          | 0660                      | Ⲛ      | Arabic-Indic Digit Zero   |      |         |   |  |
| #761          | idiosyn                   | Ⲛ      | Superscript Oval Symbol   |      |         |   |  |
| #762          | 02D9                      | Ⲛ      | Dot Above   |      |         |   |  |
| #800          | 2733                      | Ⲛ      | Denarius <sup>39</sup>  |      |         |   |  |
| #801          | 10141                     | Ⲛ      | Greek Acrophonic Attic One Half<br>▸ Mathematical Symbol                          |      |         |   |  |
| #802          | 10140                     | Ⲛ      | Greek Acrophonic Attic One Quarter<br>▸ Mathematical Symbol                       |      |         |   |  |
| #803          | 03A7                      | Ⲛ      | Greek Capital Letter Xi<br>▸ Greek Acrophonic Attic One Eighth                    |      |         |   |  |
| #804          | 002F                      | Ⲛ      | Solidus<br>▸ Greek Acrophonic Attic One Twelfth                                   |      |         |   |  |

<sup>39</sup> It is possible that Denarius will be assigned a codepoint. Currently, 2733 represents a 'best fit' solution.

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta | Unicode                |   | Name  | Beta  | Unicode                                       |        | Name  |
|------|------------------------|---|---|-------|---|--------|---|
| #840 | 007C+<br>007C          |   | Vertical Line and Vertical Line<br>▸ Greek Acrophonic Epidaurean Two Obols                                    | #938  | 01A7  | Ɀ      | Latin Capital Letter Tone Two<br>▸ Illustration   |
| #841 | 007C+<br>007C+<br>007C |   | Vertical Line and Vertical Line and Vertical Line<br>▸ Greek Acrophonic Epidaurean Two Obols                  | #939  | 007E  | ~      | Tilde<br>▸ Illustration   |
| #842 | 00B7                   | · | Middle Dot<br>▸ Greek Acrophonic Epidaurean One   | #940  | idiosyn                                       | ⊃      | Illustration  |
| #843 | 1015B                  | · | Greek Acrophonic Epidaurean Two<br>▸ Greek Acrophonic Epidaurean Two  | #941  | 1D205   | ↯      | Illustration  |
| #844 | 205D                   | ∴ | Tricolon<br>▸ Greek Acrophonic Epidaurean Three   | #960  | non-TLG                                       |        | Line on Stone Continues but Edition Stops Line  |
| #845 | 10158                  | Ϟ | Greek Acrophonic Heraeum One Plethron<br>▸ Greek Acrophonic Epidaurean Five                                   | #961  | non-TLG                                       |        | Line on Stone Stops but Edition Continues Line  |
| #846 | 10110                  | – | Aegean Number Ten<br>▸ Greek Acrophonic Epidaurean Ten  | #980  | idiosyn                                       | Ɀ      | Unknown Symbol  |
| #847 | 1015E                  | – | Greek Acrophonic Epidaurean Two Drachmas<br>▸ Greek Acrophonic Epidaurean Twenty                              | #1000 | 1017C   | ~      | One Obol  |
| #848 | 10112                  | ≡ | Aegean Number Thirty<br>▸ Greek Acrophonic Epidaurean Thirty  | #1001 | 1017D   | ≈      | Two Obols   |
| #850 | rare                   | Α | Greek Acrophonic One Hundred Thousand   | #1002 | 1017E   | Γ      | Three Obols   |
| #853 | 0399                   | Ι | Greek Capital Letter Iota<br>▸ Greek Acrophonic Attic One   | #1003 | 1017F   | Δ      | Four Obols  |
| #862 | 0394                   | Δ | Greek Capital Letter Delta<br>▸ Greek Acrophonic Attic Ten  | #1004 | 10180   | Ε      | Five Obols  |
| #863 | 10144                  | Ϟ | ▸ Greek Acrophonic Attic Fifty  | #1005 | 03A7  | Χ      | Greek Capital Letter Chi<br>▸ Unknown Number of Chalkoi                                   |
| #865 | 10145                  | Ϟ | ▸ Greek Acrophonic Attic Five Hundred   | #1006 | markup<br><stack><br>03A7+<br><small><br>0391 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Alpha<br>▸ One Chalkos    |
| #866 | 03A7                   | Χ | Greek Capital Letter Xi<br>▸ Greek Acrophonic Attic One Eighth<br>▸ Greek Acrophonic Attic One Thousand       | #1007 | markup<br><stack><br>03A7+<br><small><br>0392 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Beta<br>▸ Two Chalkoi     |
| #867 | 10146                  | Ϟ | Greek Acrophonic Attic Five Thousand  | #1008 | markup<br><stack><br>03A7+<br><small><br>0393 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Gamma<br>▸ Three Chalkoi  |
| #899 |                        |   | Unknown Numeral<br>→ represents any idiosyncratic numerical character so no Unicode codepoint can be assigned | #1009 | markup<br><stack><br>03A7+<br><small><br>0394 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Delta<br>▸ Four Chalkoi   |
| #922 | 1D228                  | Ϟ | Greek Instrumental Notation Symbol-18<br>▸ Mason's Mark   | #1010 | markup<br><stack><br>03A7+<br><small><br>0395 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Epsilon<br>▸ Five Chalkoi |
| #923 | idiosyn                | Ϟ | Mason's Mark  | #1011 | markup<br><stack><br>03A7+<br><small><br>0396 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Stigma<br>▸ Six Chalkoi   |
| #924 | idiosyn                | Ϟ | Mason's Mark  | #1012 | markup<br><stack><br>03A7+<br><small><br>0397 | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greek Capital Letter Zeta<br>▸ Seven Chalkoi   |
| #925 | 1D217                  | ∨ | Greek Vocal Notation Symbol-24<br>→ Mason's Mark  | #1013 | markup<br><stack><br>03A7+<br><small><br>003E | Ɀ<br>Χ | Stacked Greek Capital Letter Chi and small Greater-Than Sign<br>▸ One Half Chalkos        |
| #926 | 1D232                  | Ϟ | Greek Instrumental Notation Symbol-36<br>→ Mason's Mark   | #1020 | 003C  | <      | Less-Than Sign<br>▸ One Half Foot   |
| #927 | 0057                   | W | Latin Capital Letter W<br>→ Mason's Mark  | #1021 | 0394+<br>0374                                 | Δ'     | Greek Capital Letter Delta and Greek Numeral Sign<br>▸ One Quarter Foot                   |
| #928 | 1D20B                  | ∨ | Greek Vocal Notation Symbol-12<br>→ Mason's Mark  | #1022 | 0397+<br>0374                                 | Η'     | Greek Capital Letter Eta and Greek Numeral Sign<br>▸ One Eighth Foot                      |
| #929 | 1D214                  | ∨ | Greek Vocal Notation Symbol-21<br>→ Mason's Mark  |       |   |        |   |
| #930 | idiosyn                | Ϟ | Mason's Mark  |       |   |        |   |
| #932 | 2733                   | * | Eight Spoked Asterisk   |       |   |        |   |
| #933 | idiosyn                | Ϟ | Mason's Mark  |       |   |        |   |
| #934 | idiosyn                | Ϟ | Mason's Mark  |       |   |        |   |
| #936 | idiosyn                | Ϟ | Mason's Mark  |       |   |        |   |
| #937 | non-TLG                |   | Miscellaneous Illustrations   |       |   |        |   |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta  | Unicode                       |      | Name   | Beta  | Unicode             |    | Name  |
|-------|-------------------------------|------|--|-------|---------------------|----|---|
| #1023 | 0399+0374                     | Ι'   | Greek Capital Letter Iota and Greek Numeral Sign<br>‣ One Sixteenth Foot   | #1203 | 00DF                | ß  | Latin Small Letter Sharp S  |
| #1024 | 039B+0392                     | ΛΒ   | Greek Capital Letter Lambda and Greek Capital letter Beta<br>‣ One Thirty-Second Foot  | #1204 | 00B0                | °  | Degree Sign   |
| #1100 | 2183                          | ↵    | Roman Numeral Reversed One Hundred   | #1205 | non-TLG             | Ɑ  | Franklin's Phonetic Alphabet  |
| #1101 | idiosyn                       | IS   | Non-TLG Character  | #1206 | non-TLG             | ϣ  | Franklin's Phonetic Alphabet  |
| #1102 | idiosyn                       | Η    | Non-TLG Character  | #1207 | non-TLG             | ς  | Franklin's Phonetic Alphabet  |
| #1103 | 0323+0313                     | ◌̣̇  | Combining Dot Below and Combining Comma Above  | #1208 | non-TLG             | ϣ  | Franklin's Phonetic Alphabet  |
| #1104 | idiosyn                       | ſ    | Non-TLG Character  | #1209 | 0127                | ĥ  | Latin Small Letter H with Stroke  |
| #1105 | 004D+030A                     | Μ̣   | Latin Capital Letter M and Combining Ring Above  | #1210 | non-TLG             | ϣ  | Franklin's Phonetic Alphabet  |
| #1106 | idiosyn                       | ≡    | Non-TLG Character  | #1211 | non-TLG             | ϣ  | Franklin's Phonetic Alphabet  |
| #1107 | 0053+0336+0053+0336           | ſſ̄  | Latin Capital letter S and Combining Long Stroke Overlay and Latin Capital letter S and Combining Long Stroke Overlay  | #1212 | 0044+0336           | Ɔ  | Latin Capital Letter D and Combining Long Stroke Overlay                        |
| #1108 | 0058+0336                     | X̄   | Latin Capital Letter X and Combining Long Stroke Overlay   | #1213 | 0152                | Œ  | Latin Capital Ligature OE   |
| #1109 | 003D                          | =    | Equals Sign  | #1214 | 0153                | œ  | Latin Small Ligature OE   |
| #1110 | 002D                          | -    | Hyphen-Minus   | #1215 | 00C6                | Æ  | Latin Capital Letter AE   |
| #1111 | 00B0                          | °    | Masculine Ordinal Indicator  | #1216 | 00E6                | æ  | Latin Small Letter AE   |
| #1112 | idiosyn                       | τ̣   | Non-TLG Character  | #1217 | non-TLG             | ϣ  | Franklin's Phonetic Alphabet  |
| #1113 | idiosyn                       | ϵ    | Non-TLG Character  | #1218 | non-TLG             | Α  | Franklin's Phonetic Alphabet  |
| #1114 | 1D201                         | Ϝ    | Greek Vocal Notation Symbol-2  | #1219 | 0024                | \$ | Dollar Sign   |
| #1115 | 007C                          |      | Vertical Line  | #1220 | 0040                | @  | Commercial At   |
| #1116 | 01A7                          | ȷ    | Latin Capital Letter Tone Two  | #1221 | 0131                | ı  | Latin Small Letter Dotless I  |
| #1117 | 005A                          | Z    | Latin Capital letter Z   | #1222 | 0130                | İ  | Latin Capital Letter I with Dot   |
| #1118 | idiosyn                       | ƒ    | Non-TLG Character  | #1223 | 0069+0336           | ı̇ | Latin Small Letter I and Combining Long Stroke Overlay                          |
| #1119 | 0110                          | Ɔ    | Latin Capital Letter D with Stroke   | #1224 | 2295                | ⊕  | Circled Plus  |
| #1120 | idiosyn                       | /    | Non-TLG Character  | #1225 | 00A9                | ©  | Copyright Sign  |
| #1121 | 005A                          | Z    | Latin Capital letter Z   | #1226 | 2731                | ⦿  | Heavy Asterisk  |
| #1122 | idiosyn                       | ƒ    | Non-TLG Character  | #1227 | 2021                | ‡  | Double Dagger   |
| #1123 | idiosyn                       | ϵ    | Non-TLG Character  | #1228 | idiosyn             | ⌊  | Left Bracket to Form Rhomboid Box   |
| #1124 | 211E                          | ⊠    | Prescription Take  | #1229 | idiosyn             | ⌋  | Right Bracket to Form Rhomboid Box  |
| #1125 | idiosyn                       | Ɑ    | Non-TLG Character  | #1230 | 25AD                | ◻  | White Rectangle   |
| #1126 | 004F                          | O    | Latin Capital Letter O   | #1231 | idiosyn             | ₣  | French Monetary Sign  |
| #1127 | 0076+0338                     | ŵ    | Latin Small Letter V and Combining Long Solidus Overlay  | #1232 | idiosyn             | ✠  | Signature Mark  |
| #1128 | 0049+0336+0049+0336+0053+0336 | İſſ̄ | Latin Capital letter I and Combining Long Stroke Overlay and Latin Capital letter I and Combining Long Stroke Overlay and Latin Capital letter S and Combining Long Stroke Overlay | #1233 | idiosyn             | ϣ  | Unknown Symbol  |
| #1129 | 005A+0336                     | Z̄   | Latin Capital letter Z and Combining Long Stroke Overlay   | #1312 | 004D+2019           | Μ' | Latin Capital Letter M and Apostrophe   |
| #1130 | 005C                          | \    | Reverse Solidus  | #1313 | 223D                | ˜  | Reversed Tilde  |
| #1131 | 005C+005C                     | \\   | Reverse Solidus and Reverse Solidus  | #1314 | 006E+030A           | Ŋ̣ | Latin Small Letter N and Combining Ring Above<br>→ abbreviation                 |
| #1132 | 005C+0336                     | ↵̄   | Reverse Solidus and Combining Long Stroke Overlay  | #1315 | abbr                | Ϟ  | Mu Rho Abbreviation   |
| #1133 | 005C+0336+005C+0336           | ↵̄̄  | Reverse Solidus and Combining Long Stroke Overlay and Reverse Solidus and Combining Long Stroke Overlay  | #1316 | 0292                | Ʒ  | Lowercase Ezh   |
| #1134 | idiosyn                       | Ϟ    | Non-TLG Character  | #1317 | 02D9+002F+002F+002E | ⋯  | Dot Above and Solidus and Solidus and Full Stop<br>‣ εἰσὶν Abbreviation         |
| #1135 | 0039                          | 9    | Digit Nine   | #1318 | 223B                | ◻  | Homothetic<br>‣ εἶναι Abbreviation  |
| #1136 | 2112                          | Ϙ    | Script Capital L   | #1319 | idiosyn             | Ϟ  | Non-TLG Character   |
| #1200 | 00A2                          | ¢    | Cent Sign  | #1320 | 0375+0311           | Ϛ  | Greek Lower Numeral Sign and Combining Inverted Breve<br>‣ Unknown Abbreviation |
| #1201 | 2021                          | ‡    | Double Dagger  | #1321 | idiosyn             | Ϡ  | ἡλιακόν Symbol  |
| #1202 | 20A4                          | £    | Pound Sign   | #1322 | 2644                | ♄  | Saturn  |
|       |                               |      |  | #1323 | 03B6+0337+03C2+0300 | Ϡ  | Divinity Controlling Sunday Abbreviation  |
|       |                               |      |  | #1324 | 03B8+03C2+0302      | Ϡ  | Divinity Controlling Tuesday Abbreviation                                       |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta  | Unicode                            | Name   | Beta  | Unicode | Name  |
|-------|------------------------------------|--|-------|---------|---|
| #1326 |                                    | Magical Character<br>→ represents any idiosyncratic magical character  | #1530 | 2228    | ∨<br>Downward Pointing Arrow<br>▸ Logical Or                  |
| #1327 | idiosyn                            | ≈<br>Sea Abbreviation  | #1531 | 03CF    | Ϝ<br>Greek Capital Kai Symbol                                 |
| #1328 | idiosyn                            | ~<br>River Abbreviation  | #1532 | 03D7    | ϝ<br>Greek Kai Symbol   |
| #1334 | idiosyn                            | ⏏<br>Idiosyncratic Papyrological Punctuation   | #2000 | 1D000   | ↵<br>Byzantine Musical Symbol Psili                           |
| #1335 | 002F+<br>002F                      | //<br>Solidus and Solidus<br>▸ Idiosyncratic Papyrological Punctuation   | #2001 | 1D001   | ↶<br>Byzantine Musical Symbol Daseia                          |
| #1336 |                                    | Hebrew Letter<br>→ represents any Hebrew letter so no Unicode codepoint can be assigned                        | #2002 | 1D002   | ⤿<br>Byzantine Musical Symbol Perispomeni                     |
| #1337 | 003E                               | ><br>Greater-Than Sign<br>▸ Half Drachma Sign  | #2003 | 1D003   | ↗<br>Byzantine Musical Symbol Oxeia Ekfontikon                |
| #1338 | 1017E                              | Ϟ<br>Three Obols   | #2004 | 1D004   | ↘<br>Byzantine Musical Symbol Oxeia Dipli                     |
| #1340 | markup<br>039D+<br><super><br>03BF | Ν <sup>ο</sup><br>Greek Capital Letter Nu and superscript Greek Small Letter Omicron<br>▸ νόμισμα Abbreviation | #2005 | 1D005   | ↙<br>Byzantine Musical Symbol Vareia Ekfontikon               |
| #1341 |                                    | Unknown Alchemical Character<br>→ represents any idiosyncratic alchemical character                            | #2006 | 1D006   | ↘↙<br>Byzantine Musical Symbol Vareia Dipli                   |
| #1500 | 03B3<br>+030A                      | Υ̅<br>Greek Small Letter Gamma and Combining Ring Above<br>→ abbreviation                                      | #2007 | 1D007   | ↵↶<br>Byzantine Musical Symbol Kathisti                       |
| #1501 | abbr                               | ⓪<br>Unknown Abbreviation  | #2008 | 1D008   | ~<br>Byzantine Musical Symbol Syrmatiki                       |
| #1502 | 03A7<br>+0374                      | Χ <sup>ϛ</sup><br>Greek Letter Capital Chi and Greek Numeral Sign<br>→ abbreviation                            | #2009 | 1D009   | ↵↗<br>Byzantine Musical Symbol Paraklitiki                    |
| #1503 | abbr                               | ⓪<br>Unknown Abbreviation  | #2010 | 1D00A   | ϛ<br>Byzantine Musical Symbol Ypokrisis                       |
| #1504 | idiosyn                            | ✗<br>Unknown Editorial Character   | #2011 | 1D00B   | ϛ̅<br>Byzantine Musical Symbol Ypokrisis Dipli                |
| #1505 | abbr                               | ⓪<br>Unknown Abbreviation  | #2012 | 1D00C   | ↗<br>Byzantine Musical Symbol Kremasti                        |
| #1506 | 0300+<br>030C                      | ◌̂◌̃<br>Combining Grave Accent and Combining Caron<br>▸ Unknown Abbreviation                                   | #2013 | 1D00D   | ↗<br>Byzantine Musical Symbol Apeso Ekfontikon                |
| #1509 | abbr                               | ⓪<br>Unknown Abbreviation  | #2014 | 1D00E   | ↗<br>Byzantine Musical Symbol Exo Ekfontikon                  |
| #1510 | abbr                               | Λ̅̅̅<br>Λαλεξάνδρου Abbreviation   | #2015 | 1D00F   | ↗<br>Byzantine Musical Symbol Teleia                          |
| #1511 | abbr                               | πε̅̅<br>περί Abbreviation  | #2016 | 1D010   | ⋯<br>Byzantine Musical Symbol Kentimata                       |
| #1512 | 003C                               | <<br>Less-Than Sign<br>▸ Line Filler   | #2017 | 1D011   | ↗<br>Byzantine Musical Symbol Apostrofos                      |
| #1513 | 10175                              | ⏏<br>Greek One Half Sign   | #2018 | 1D012   | ↗↗<br>Byzantine Musical Symbol Apostrofos Dipli               |
| #1514 | 00F7                               | ÷<br>Division Sign<br>▸ Unknown Editorial Character  | #2019 | 1D013   | ∪<br>Byzantine Musical Symbol Synevma                         |
| #1515 | 1D20F                              | ↘<br>Greek Vocal Notation Symbol-16<br>▸ εἶναι Abbreviation  | #2020 | 1D014   | Ϝ<br>Byzantine Musical Symbol Thita                           |
| #1516 | idiosyn                            | —ο<br>Idiosyncratic Paragraphos Variant  | #2021 | 1D015   | Ϟ<br>Byzantine Musical Symbol Oligon Archaion                 |
| #1517 | rare                               | Ϟ̅<br>Editorial Coronis Lower Half   | #2022 | 1D016   | Ϟ̅<br>Byzantine Musical Symbol Gorgon Archaion                |
| #1518 | 1D229                              | Ϟ <sup>19</sup><br>Greek Instrumental Notation Symbol-19<br>▸ Unknown Papyrological Character                  | #2023 | 1D017   | ↓<br>Byzantine Musical Symbol Ppsilon                         |
| #1519 | idiosyn                            | Ϟ <sup>19</sup><br>Unknown Editorial Character   | #2024 | 1D018   | ×<br>Byzantine Musical Symbol Chamilon                        |
| #1520 | abbr                               | Ϟ <sup>19</sup><br>Unknown Abbreviation  | #2025 | 1D019   | Ϟ̅ <sup>19</sup><br>Byzantine Musical Symbol Vathy            |
| #1521 | 0222                               | Ϟ̅<br>Latin Capital Letter OU<br>▸ Omicron Upsilon Ligature  | #2026 | 1D01A   | —<br>Byzantine Musical Symbol Ison Archaion                   |
| #1522 | abbr                               | Ϟ̅ <sup>ε</sup><br>Unknown Abbreviation  | #2027 | 1D01B   | ·<br>Byzantine Musical Symbol Kentima Archaion                |
| #1523 | 205B                               | ⋯<br>Four Dot Mark   | #2028 | 1D01C   | ⋯<br>Byzantine Musical Symbol Kentimata Archaion              |
| #1524 | rare                               | ⏏<br>Ancient Editorial Textual Highlighter   | #2029 | 1D01D   | ⋯<br>Byzantine Musical Symbol Saximata                        |
| #1525 | rare                               | ⏏<br>Ancient Editorial Textual Highlighter   | #2030 | 1D01E   | ↗<br>Byzantine Musical Symbol Parichon                        |
| #1526 | rare                               | ⓪ <sup>⓪</sup><br>Mathematical Symbol  | #2031 | 1D01F   | Ϟ̅ <sup>19</sup><br>Byzantine Musical Symbol Stavros Apodexia |
| #1527 | rare                               | ⓪ <sup>⓪</sup><br>Mathematical Symbol  | #2032 | 1D020   | ↗<br>Byzantine Musical Symbol Oxeiai Archaion                 |
| #1528 | rare                               | ⓪ <sup>⓪</sup><br>Mathematical Symbol  | #2033 | 1D021   | ↗<br>Byzantine Musical Symbol Vareiai Archaion                |
| #1529 | 2227                               | ^<br>Upward Pointing Arrow<br>▸ Logical And  | #2034 | 1D022   | ∪<br>Byzantine Musical Symbol Apoderma Archaion               |
|       |                                    |  | #2035 | 1D023   | ↗<br>Byzantine Musical Symbol Apothema                        |
|       |                                    |  | #2036 | 1D024   | ∨<br>Byzantine Musical Symbol Klasma                          |
|       |                                    |  | #2037 | 1D025   | ↗<br>Byzantine Musical Symbol Revma                           |
|       |                                    |  | #2038 | 1D026   | Ϟ̅ <sup>19</sup><br>Byzantine Musical Symbol Piasma Archaion  |

## Thesaurus Linguae Graecae – Beta Code Quick Reference Guide

| Beta  | Unicode | Name   | Beta  | Unicode | Name   |
|-------|---------|--|-------|---------|--|
| #2039 | 1D027   | Ⲅ Byzantine Musical Symbol Tinagma               | #2079 | 1D04F   | Ⲛ Byzantine Musical Symbol Kentima Neo Ano           |
| #2040 | 1D028   | ⲄⲀ Byzantine Musical Symbol Anatrichisma         | #2080 | 1D050   | ⲚⲀ Byzantine Musical Symbol Ypsili                   |
| #2041 | 1D029   | Ⲅⲁ Byzantine Musical Symbol Seisma               | #2081 | 1D051   | Ⲛⲁ Byzantine Musical Symbol Apostrofos Neo           |
| #2042 | 1D02A   | ⲄⲂ Byzantine Musical Symbol Synagma Archaion     | #2082 | 1D052   | ⲚⲂ Byzantine Musical Symbol Apostrofoi Syndesmos Neo |
| #2043 | 1D02B   | Ⲅⲃ Byzantine Musical Symbol Synagma Meta Stavrou | #2083 | 1D053   | Ⲛⲃ Byzantine Musical Symbol Yporroi                  |
| #2044 | 1D02C   | ⲄⲄ Byzantine Musical Symbol Oyranism Archaion    | #2084 | 1D054   | ⲚⲄ Byzantine Musical Symbol Kratimoyporroon          |
| #2045 | 1D02D   | Ⲅⲅ Byzantine Musical Symbol Thema                | #2085 | 1D055   | Ⲛⲅ Byzantine Musical Symbol Elafron                  |
| #2046 | 1D02E   | ⲄⲆ Byzantine Musical Symbol Lemoi                | #2086 | 1D056   | ⲚⲆ Byzantine Musical Symbol Chamili                  |
| #2047 | 1D02F   | Ⲅⲇ Byzantine Musical Symbol Dyo                  | #2087 | 1D057   | Ⲛⲇ Byzantine Musical Symbol Mikron Ison              |
| #2048 | 1D030   | ⲄⲈ Byzantine Musical Symbol Tria                 | #2088 | 1D058   | ⲚⲈ Byzantine Musical Symbol Vareia Neo               |
| #2049 | 1D031   | Ⲅⲉ Byzantine Musical Symbol Tessera              | #2089 | 1D059   | Ⲛⲉ Byzantine Musical Symbol Piasma Neo               |
| #2050 | 1D032   | ⲄⲊ Byzantine Musical Symbol Kratimata            | #2090 | 1D05A   | ⲚⲊ Byzantine Musical Symbol Psifiston Neo            |
| #2051 | 1D033   | Ⲅⲋ Byzantine Musical Symbol Apeso Exo Neo        | #2091 | 1D05B   | Ⲛⲋ Byzantine Musical Symbol Omalon                   |
| #2052 | 1D034   | ⲄⲌ Byzantine Musical Symbol Fthora Archaion      | #2092 | 1D05C   | ⲚⲌ Byzantine Musical Symbol Antikenoma               |
| #2053 | 1D035   | Ⲅⲍ Byzantine Musical Symbol Imifthora            | #2093 | 1D05D   | Ⲛⲍ Byzantine Musical Symbol Lygisma                  |
| #2054 | 1D036   | ⲄⲎ Byzantine Musical Symbol Tromikon Archaion    | #2094 | 1D05E   | ⲚⲎ Byzantine Musical Symbol Paraklitiki Neo          |
| #2055 | 1D037   | Ⲅⲏ Byzantine Musical Symbol Katava Tromikon      | #2095 | 1D05F   | Ⲛⲏ Byzantine Musical Symbol Parakalesma Neo          |
| #2056 | 1D038   | ⲄⲐ Byzantine Musical Symbol Pelaston             | #2096 | 1D060   | ⲚⲐ Byzantine Musical Symbol Eteron Parakalesma       |
| #2057 | 1D039   | Ⲅⲑ Byzantine Musical Symbol Psifiston            | #2097 | 1D061   | Ⲛⲑ Byzantine Musical Symbol Kylisma                  |
| #2058 | 1D03A   | ⲄⲒ Byzantine Musical Symbol Kontevma             | #2098 | 1D062   | ⲚⲒ Byzantine Musical Symbol Antikenokylisma          |
| #2059 | 1D03B   | Ⲅⲓ Byzantine Musical Symbol Chorevma Archaion    | #2099 | 1D063   | Ⲛⲓ Byzantine Musical Symbol Tromikon Neo             |
| #2060 | 1D03C   | ⲄⲔ Byzantine Musical Symbol Rapisma              | #2100 | 1D064   | ⲚⲔ Byzantine Musical Symbol Ekstrepton               |
| #2061 | 1D03D   | Ⲅⲕ Byzantine Musical Symbol Parakalesma Archaion | #2101 | 1D065   | Ⲛⲕ Byzantine Musical Symbol Synagma Neo              |
| #2062 | 1D03E   | ⲄⲌ Byzantine Musical Symbol Paraklitiki Archaion | #2102 | 1D066   | ⲚⲌ Byzantine Musical Symbol Syrma                    |
| #2063 | 1D03F   | Ⲅⲍ Byzantine Musical Symbol Ichadin              | #2103 | 1D067   | Ⲛⲍ Byzantine Musical Symbol Chorevma Neo             |
| #2064 | 1D040   | ⲄⲎ Byzantine Musical Symbol Nana                 | #2104 | 1D068   | ⲚⲎ Byzantine Musical Symbol Epegerma                 |
| #2065 | 1D041   | Ⲅⲏ Byzantine Musical Symbol Petasma              | #2105 | 1D069   | Ⲛⲏ Byzantine Musical Symbol Seisma Neo               |
| #2066 | 1D042   | ⲄⲐ Byzantine Musical Symbol Kontevma Allo        | #2106 | 1D06A   | ⲚⲐ Byzantine Musical Symbol Xiron Klasma             |
| #2067 | 1D043   | Ⲅⲑ Byzantine Musical Symbol Tromikon Allo        | #2107 | 1D06B   | Ⲛⲑ Byzantine Musical Symbol Tromikopsifiston         |
| #2068 | 1D044   | ⲄⲒ Byzantine Musical Symbol Straggismata         | #2108 | 1D06C   | ⲚⲒ Byzantine Musical Symbol Psifistolygisma          |
| #2069 | 1D045   | Ⲅⲓ Byzantine Musical Symbol Gronthismata         | #2109 | 1D06D   | Ⲛⲓ Byzantine Musical Symbol Tromikolygisma           |
| #2070 | 1D046   | ⲄⲔ Byzantine Musical Symbol Ison Neo             | #2110 | 1D06E   | ⲚⲔ Byzantine Musical Symbol Tromikoparakalesma       |
| #2071 | 1D047   | Ⲅⲕ Byzantine Musical Symbol Oligon Neo           | #2111 | 1D06F   | Ⲛⲕ Byzantine Musical Symbol Psifistoparakalesma      |
| #2072 | 1D048   | ⲄⲌ Byzantine Musical Symbol Oxeia Neo            | #2112 | 1D070   | ⲚⲌ Byzantine Musical Symbol Tromikosynagma           |
| #2073 | 1D049   | Ⲅⲍ Byzantine Musical Symbol Petasti              | #2113 | 1D071   | Ⲛⲍ Byzantine Musical Symbol Psifistosynagma          |
| #2074 | 1D04A   | ⲄⲎ Byzantine Musical Symbol Koufisma             | #2114 | 1D072   | ⲚⲎ Byzantine Musical Symbol Gorgosyntheton           |
| #2075 | 1D04B   | Ⲅⲏ Byzantine Musical Symbol Petastokoufisma      | #2115 | 1D073   | Ⲛⲏ Byzantine Musical Symbol Argosyntheton            |
| #2076 | 1D04C   | ⲄⲐ Byzantine Musical Symbol Kratimokoufisma      | #2116 | 1D074   | ⲚⲐ Byzantine Musical Symbol Eteron Argosyntheton     |
| #2077 | 1D04D   | Ⲅⲑ Byzantine Musical Symbol Pelaston Neo         |       |         |  |
| #2078 | 1D04E   | ⲄⲒ Byzantine Musical Symbol Kentimata Neo Ano    |       |         |  |

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| Beta  | Unicode | Name  | Beta  | Unicode | Name   |
|-------|---------|---|-------|---------|--|
| #2117 | 1D075   | Byzantine Musical Symbol Oyranisma Neo                        | #2155 | 1D09B   | Byzantine Musical Symbol Agogi Argoteri                  |
| #2118 | 1D076   | Byzantine Musical Symbol Thematismos Eso                      | #2156 | 1D09C   | Byzantine Musical Symbol Agogi Argi                      |
| #2119 | 1D077   | Byzantine Musical Symbol Thematismos Exo                      | #2157 | 1D09D   | Byzantine Musical Symbol Agogi Metria                    |
| #2120 | 1D078   | Byzantine Musical Symbol Thema Aploun                         | #2158 | 1D09E   | Byzantine Musical Symbol Agogi Mesi                      |
| #2121 | 1D079   | Byzantine Musical Symbol Thes Kai Apothos                     | #2159 | 1D09F   | Byzantine Musical Symbol Agogi Gorgi                     |
| #2122 | 1D07A   | Byzantine Musical Symbol Katavasma                            | #2160 | 1D0A0   | Byzantine Musical Symbol Agogi Gorgoteri                 |
| #2123 | 1D07B   | Byzantine Musical Symbol Endofonon                            | #2161 | 1D0A1   | Byzantine Musical Symbol Agogi Poli Gorgi                |
| #2124 | 1D07C   | Byzantine Musical Symbol Yfen Kato                            | #2162 | 1D0A2   | Byzantine Musical Symbol Martyria Protos Ichos           |
| #2125 | 1D07D   | Byzantine Musical Symbol Yfen Ano                             | #2163 | 1D0A3   | Byzantine Musical Symbol Martyria Alli Protos Ichos      |
| #2126 | 1D07E   | Byzantine Musical Symbol Stavros                              | #2164 | 1D0A4   | Byzantine Musical Symbol Martyria Deyteros Ichos         |
| #2127 | 1D07F   | Byzantine Musical Symbol Klasma Ano                           | #2165 | 1D0A5   | Byzantine Musical Symbol Martyria Alli Deyteros Ichos    |
| #2128 | 1D080   | Byzantine Musical Symbol Dipli Archaion                       | #2166 | 1D0A6   | Byzantine Musical Symbol Martyria Tritos Ichos           |
| #2129 | 1D081   | Byzantine Musical Symbol Kratima Archaion                     | #2167 | 1D0A7   | Byzantine Musical Symbol Martyria Trifonias              |
| #2130 | 1D082   | Byzantine Musical Symbol Kratima Allo                         | #2168 | 1D0A8   | Byzantine Musical Symbol Martyria Tetartos Ichos         |
| #2131 | 1D083   | Byzantine Musical Symbol Kratima Neo                          | #2169 | 1D0A9   | Byzantine Musical Symbol Martyria Tetartos Legetos Ichos |
| #2132 | 1D084   | Byzantine Musical Symbol Apoderma Neo                         | #2170 | 1D0AA   | Byzantine Musical Symbol Martyria Legetos Ichos          |
| #2133 | 1D085   | Byzantine Musical Symbol Apli                                 | #2171 | 1D0AB   | Byzantine Musical Symbol Martyria Plagios Ichos          |
| #2134 | 1D086   | Byzantine Musical Symbol Dipli                                | #2172 | 1D0AC   | Byzantine Musical Symbol Isakia Telous Ichimatos         |
| #2135 | 1D087   | Byzantine Musical Symbol Tripli                               | #2173 | 1D0AD   | Byzantine Musical Symbol Apostrofoi Telous Ichimatos     |
| #2136 | 1D088   | Byzantine Musical Symbol Tetrapli                             | #2174 | 1D0AE   | Byzantine Musical Symbol Fanerosis Tetrafonias           |
| #2137 | 1D089   | Byzantine Musical Symbol Koronis                              | #2175 | 1D0AF   | Byzantine Musical Symbol Fanerosis Monofonias            |
| #2138 | 1D08A   | Byzantine Musical Symbol Leimma Enos Chronou                  | #2176 | 1D0B0   | Byzantine Musical Symbol Fanerosis Difonias              |
| #2139 | 1D08B   | Byzantine Musical Symbol Leimma Dyo Chronon                   | #2177 | 1D0B1   | Byzantine Musical Symbol Martyria Varys Ichos            |
| #2140 | 1D08C   | Byzantine Musical Symbol Leimma Trion Chronon                 | #2178 | 1D0B2   | Byzantine Musical Symbol Martyria Protovarys Ichos       |
| #2141 | 1D08D   | Byzantine Musical Symbol Leimma Tessaron Chronon              | #2179 | 1D0B3   | Byzantine Musical Symbol Martyria Plagios Tetartos Ichos |
| #2142 | 1D08E   | Byzantine Musical Symbol Leimma Imiseos Chronou               | #2180 | 1D0B4   | Byzantine Musical Symbol Gorthmikon N Aploun             |
| #2143 | 1D08F   | Byzantine Musical Symbol Gorgon Neo Ano                       | #2181 | 1D0B5   | Byzantine Musical Symbol Gorthmikon N Diploun            |
| #2144 | 1D090   | Byzantine Musical Symbol Gorgon Parestigmenon Aristera        | #2182 | 1D0B6   | Byzantine Musical Symbol Enarxis Kai Fthora Vou          |
| #2145 | 1D091   | Byzantine Musical Symbol Gorgon Parestigmenon Dexia           | #2183 | 1D0B7   | Byzantine Musical Symbol Imifonon                        |
| #2146 | 1D092   | Byzantine Musical Symbol Digorgon                             | #2184 | 1D0B8   | Byzantine Musical Symbol Imifthoron                      |
| #2147 | 1D093   | Byzantine Musical Symbol Digorgon Parestigmenon Aristera Kato | #2185 | 1D0B9   | Byzantine Musical Symbol Fthora Archaion Deyterou Ichou  |
| #2148 | 1D094   | Byzantine Musical Symbol Digorgon Parestigmenon Aristera Ano  | #2186 | 1D0BA   | Byzantine Musical Symbol Fthora Diatoniki Pa             |
| #2149 | 1D095   | Byzantine Musical Symbol Digorgon Parestigmenon Dexia         | #2187 | 1D0BB   | Byzantine Musical Symbol Fthora Diatoniki Nana           |
| #2150 | 1D096   | Byzantine Musical Symbol Trigorgon                            | #2188 | 1D0BC   | Byzantine Musical Symbol Fthora Naos Ichos               |
| #2151 | 1D097   | Byzantine Musical Symbol Argon                                | #2189 | 1D0BD   | Byzantine Musical Symbol Fthora Diatoniki Di             |
| #2152 | 1D098   | Byzantine Musical Symbol Imidiargon                           |       |         |  |
| #2153 | 1D099   | Byzantine Musical Symbol Diargon                              |       |         |  |
| #2154 | 1D09A   | Byzantine Musical Symbol Agogi Poli Argi                      |       |         |  |

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| Beta  | Unicode | Name   | Beta  | Unicode | Name   |
|-------|---------|--|-------|---------|--|
| #2190 | 1D0BE   | Byzantine Musical Symbol Fthora Skliron Diatonon Di          | #2224 | 1D0E0   | Byzantine Musical Symbol Simansis Theseos Trisimou   |
| #2191 | 1D0BF   | Byzantine Musical Symbol Fthora Diatoniki Ke                 | #2225 | 1D0E1   | Byzantine Musical Symbol Simansis Theseos Tetrasimou |
| #2192 | 1D0C0   | Byzantine Musical Symbol Fthora Diatoniki Zo                 | #2226 | 1D0E2   | Byzantine Musical Symbol Simansis Arseos             |
| #2193 | 1D0C1   | Byzantine Musical Symbol Fthora Diatoniki Ni Kato            | #2227 | 1D0E3   | Byzantine Musical Symbol Simansis Arseos Disimou     |
| #2194 | 1D0C2   | Byzantine Musical Symbol Fthora Diatoniki Ni Ano             | #2228 | 1D0E4   | Byzantine Musical Symbol Simansis Arseos Trisimou    |
| #2195 | 1D0C3   | Byzantine Musical Symbol Fthora Malakon Chroma Difonias      | #2229 | 1D0E5   | Byzantine Musical Symbol Simansis Arseos Tetrasimou  |
| #2196 | 1D0C4   | Byzantine Musical Symbol Fthora Malakon Chroma Monofonias    | #2230 | 1D0E6   | Byzantine Musical Symbol Digramma Gg                 |
| #2197 | 1D0C5   | Byzantine Musical Symbol Fthora Skliron Chroma Vasis         | #2231 | 1D0E7   | Byzantine Musical Symbol Diftoggos Ou                |
| #2198 | 1D0C6   | Byzantine Musical Symbol Fthora Skliron Chroma Synafi        | #2232 | 1D0E8   | Byzantine Musical Symbol Stigma                      |
| #2199 | 1D0C7   | Byzantine Musical Symbol Fthora Nenano                       | #2233 | 1D0E9   | Byzantine Musical Symbol Arktiko Pa                  |
| #2200 | 1D0C8   | Byzantine Musical Symbol Chroa Zygos                         | #2234 | 1D0EA   | Byzantine Musical Symbol Arktiko Vou                 |
| #2201 | 1D0C9   | Byzantine Musical Symbol Chroa Kliton                        | #2235 | 1D0EB   | Byzantine Musical Symbol Arktiko Ga                  |
| #2202 | 1D0CA   | Byzantine Musical Symbol Chroa Spathi                        | #2236 | 1D0EC   | Byzantine Musical Symbol Arktiko Di                  |
| #2203 | 1D0CB   | Byzantine Musical Symbol Fthora I Yfesis Tetartimorion       | #2237 | 1D0ED   | Byzantine Musical Symbol Arktiko Ke                  |
| #2204 | 1D0CC   | Byzantine Musical Symbol Fthora Enarmonios Antifonia         | #2238 | 1D0EE   | Byzantine Musical Symbol Arktiko Zo                  |
| #2205 | 1D0CD   | Byzantine Musical Symbol Yfesis Tritimorion                  | #2239 | 1D0EF   | Byzantine Musical Symbol Arktiko Ni                  |
| #2206 | 1D0CE   | Byzantine Musical Symbol Diesis Tritimorion                  | #2240 | 1D0F0   | Byzantine Musical Symbol Kentimata Neo Meso          |
| #2207 | 1D0CF   | Byzantine Musical Symbol Diesis Tetartimorion                | #2241 | 1D0F1   | Byzantine Musical Symbol Kentima Neo Meso            |
| #2208 | 1D0D0   | Byzantine Musical Symbol Diesis Apli Dyo Dodekata            | #2242 | 1D0F2   | Byzantine Musical Symbol Kentimata Neo Kato          |
| #2209 | 1D0D1   | Byzantine Musical Symbol Diesis Monogrammos Tessera Dodekata | #2243 | 1D0F3   | Byzantine Musical Symbol Kentima Neo Kato            |
| #2210 | 1D0D2   | Byzantine Musical Symbol Diesis Digrammos Ex Dodekata        | #2244 | 1D0F4   | Byzantine Musical Symbol Klasma Kato                 |
| #2211 | 1D0D3   | Byzantine Musical Symbol Diesis Trigrammos Okto Dodekata     | #2245 | 1D0F5   | Byzantine Musical Symbol Gorgon Neo Kato             |
| #2212 | 1D0D4   | Byzantine Musical Symbol Yfesis Apli Dyo Dodekata            | #2300 |         | Unknown Byzantine Musical Symbol                     |
| #2213 | 1D0D5   | Byzantine Musical Symbol Yfesis Monogrammos Tessera Dodekata |       |         |  |
| #2214 | 1D0D6   | Byzantine Musical Symbol Yfesis Digrammos Ex Dodekata        |       |         |  |
| #2215 | 1D0D7   | Byzantine Musical Symbol Yfesis Trigrammos Okto Dodekata     |       |         |  |
| #2216 | 1D0D8   | Byzantine Musical Symbol Geniki Diesis                       |       |         |  |
| #2217 | 1D0D9   | Byzantine Musical Symbol Geniki Yfesis                       |       |         |  |
| #2218 | 1D0DA   | Byzantine Musical Symbol Diastoli Apli Mikri                 |       |         |  |
| #2219 | 1D0DB   | Byzantine Musical Symbol Diastoli Apli Megali                |       |         |  |
| #2220 | 1D0DC   | Byzantine Musical Symbol Diastoli Dipli                      |       |         |  |
| #2221 | 1D0DD   | Byzantine Musical Symbol Diastoli Theseos                    |       |         |  |
| #2222 | 1D0DE   | Byzantine Musical Symbol Simansis Theseos                    |       |         |  |
| #2223 | 1D0DF   | Byzantine Musical Symbol Simansis Theseos Disimou            |       |         |  |