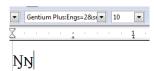
## **Font Features for Gentium Plus**

When Gentium Plus is used in applications that support Graphite, and that provide an appropriate user interface, various user-controllable font features are available that allow access to alternatively-designed glyphs that might be preferable for use in some contexts. In LibreOffice 3.4.2+ (<a href="http://www.libreoffice.org/download/">http://www.libreoffice.org/download/</a>) or OpenOffice 3.2+ (<a href="http://www.openoffice.org/download/">http://www.openoffice.org/download/</a>) the font features can be turned on by choosing the font features can be turned on by choosing the font (ie Gentium Plus), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the Uppercase eng alternate "Capital N with tail" is desired, the font selection would be "Gentium Plus:Engs=2". (The Feature IDs have changed. If you already have documents which specify the Feature IDs as digits, you will need to change from digits to text. Both are documented in the table below. We are very sorry for the inconvenience.)



If you wish to apply two (or more) features, you can separate them with an "&". Thus, "Gentium Plus:Engs=2&smcp=1" would apply "Capital N with tail" plus the "Small capitals" feature.



These same features are also available in OpenType. The OpenType feature IDs ("cvxx" for "Character Variant" and "ssxx" for "Stylistic Set") are listed in the OpenType feature ID column. However, they are only available in a few applications. Mozilla Firefox (<a href="https://www.mozilla.org/firefox">https://www.mozilla.org/firefox</a>) is the only application that currently supports Character Variants. Adobe InDesign, Microsoft Word, Microsoft Publisher and Mozilla Firefox support Stylistic Sets.

A glyph palette is available for accessing the alternate glyphs in some applications such as Adobe InDesign.

Ideally the selection of these font features is done in application programs, but many applications do not yet support this functionality. In response to this lack of support for features, a program called TypeTuner (command line version: <a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a>) allows users to create derivative fonts with their own feature settings based on the needs of a local project or region.

In the table below, upper and lower case pairs are shown (if they exist), even if the feature only affects one or the other. This is in order to see how the whole pair looks when a feature is applied. The following font features are available in Gentium Plus:

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes <sup>1</sup>							
Language specific													
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EAA U+1EAB U+1EAE U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EBE U+1EBF U+1EC0 U+1EC1 U+1EC3 U+1EC3 U+1EC4 U+1EC5	cv75	viet (old:1029)	0=False	<ul><li>Áá Àà Ảá Ãã Áá Àá Àà Åå Ãã Éé Èè Éể Eễ Óố</li><li>Òò ổổ Õổ</li></ul>	ấá Àà Ảả Ãã ắá Àà Àà Åå Ãã ÉÉ ÈÈ ÉÉ ĒĒ ốố Òồ ổổ ỗỗ	R, O							
U+1ED0 U+1ED1 U+1ED2 U+1ED3 U+1ED4 U+1ED5 U+1ED6 U+1ED7)			1=Vietnamese-style	Áấ Àà Ẩẩ Ãã Áắ Ăẳ Åå Åå Ãã Éế Èề Éể Éể ốố Òò ổổ Õổ	ÁÁ ÀÀ ÁÁ ÃÃ ÁÁ ÁÁ ÅÅ ÅÅ ÄÄ ÉÉ ÈÈ ÉÉ ÉÉ ŐŐ ÒÒ ÖŐ ÕÕ								
Serbian-style alternates (U+0431 U+0433 U+0434 U+043F U+0442)	locl (accessed trhough	serb (old:1078)	0=False	Бб Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	R							
	Serbian language)		1=True	Бб Гī Дд Пū Тѿ	ББ ГГ ДД ПП ТТ								
Chinantec tones (U+02CB U+02C8 U+02C9 U+02CA)	cv90	chtn (old:1057)	0=False 1=Chinantec-style	\1 - / \1 - /	Small capitals are not available as there is no uppercase equivalent	R							
Bridging diacritics (U+0308 – used with "L" and "I", U+0311, U+0361 and U+035F – used with "O", "o", "U" and "u".)	-	brig (old:1052)	0=False	Naso: ĽL Ïl Ľl Konai: ÔU	Small capitals do not work properly	G							
											1=True	Naso: ĽĽ ÏÏ ĽÏ  Konai: ÔÙ Ôu ôu ÔÙ Ôu ôu  ÔÙ Ôu ôu ÔÙ Ôu ôu	
Cyrillic <sup>2</sup>													
Mongolian-style Cyrillic E (U+042D U+044D)	cv80	mone (old:1027)	0=False	Ээ	Ээ	R							
			1=Mongolian-style	Ээ	Ээ								
Combining breve Cyrillic form (U+0306)	cv82	sbrv (old:1028)	0=False	anything with ŏ (ðĕ)	anything with ŏ (ðĕ)	R (no effect if data is NFC)							
			1=Cyrillic-style	anything with ♂ (ðĕ)	anything with ŏ (ðð)								

<sup>&</sup>lt;sup>1</sup>TypeTuner legend: R=glyphs are Reencoded (will work with dumb rendering); **O**=OpenType rules are activated; **G**=Graphite-only feature (All features are available for Graphite applications.); **T**=Only available through TypeTuner (<a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a>) or TypeTuner Web (<a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a>).

<sup>(</sup>http://scripts.sil.org/ttw).

2There are also Cyrillic characters affected by the "Capital Ezh alternates", "Small capitals" and "Show deprecated PUA" features. Some languages may also use the "Modifier apostrophe alternates."

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes		
Cyrillic shha alternate (U+04BB)	cv81	shha (old:1056)	0=False	hh	hh	R		
			1=Uppercase style	hь	hh			
Tone-related								
Tone numbers (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712	cv91	tone (old:1026)	0=Bars	11447[44]	Small capitals are not available as there is no uppercase equivalent	G		
U+A713 U+A714 U+A715 U+A716)			1=Numbers	5 4 3 2 1 5 4 3 2 1	apperease equivalent			
Hide tone contour staves (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712	cv92	tstv (old:1050)	0=False	1144J[FFF[(NN)	Small capitals are not available as there is no uppercase equivalent	G		
U+A713 U+A714 U+A715 U+A716)			1=True	<sub>-</sub> <sub>-</sub> (/\ /\)				
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6	-	pit9 (old:1062)	0=No tramlines	(\^)	Small capitals are not available as there is no uppercase equivalent	G		
Û+F1F7 U+F1F8 U+F1F9)			1=Tramlines	(\scales)				
			2=Non-ligated with no tramlines	()				
			3=Non-ligated with tramlines					
Miscellaneous								
Literacy alternates (U+0061 U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+0101 U+0103 U+010E U+01DF U+01E1 U+01EB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA1 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EB7 U+2C65 U+2090 U+1D43 U+0363 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01E5 U+01E5 U+1E21 U+A7A1 U+1D4D)	ss01	litr (old:1032)	0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăǎ Äā Āā Áấ Äà Ââ Àa Aa da Aa Åå Áấ Âà Âå Ãã Âã Áắ Àà Åå Ăã Ăã Ăa Ma a a b Gg Ĝĝ Ğğ Ġġ Ģģ Ğǧ Ġģ Gg Ōg Gg Bg	ÄÄ ÄÄ ÅÅ ÄÄ ÂÂ ÀA AA A Å ÅÅ ÂÂ	R		
					1=Tru	1=True	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Āā Āā Āā Āā Āā Āā Āā Āā Āâ Āâ Āâ Ãâ Ãâ Ãâ Ãâ Ãâ Ãã Ãĝ Áġ Áğ Åğ	
Barred-bowl forms (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ Bb Gg	ĐĐ BB GG	R		
			1=Barred-bowl	Đd Bb Gg	ĐĐ BB GG			

Feature Name	OpenType	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
	ss05	ital (old:1053)	0=False	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăā Ăă Äā Āā Áắ Åå Ää Ââ Àa Aa Âa Ââ Ââ Ââ Ââ Âa Âa Åå Åå Ãă Ḥa Ḥa Œ Œ Ff Ff Ii Ìì Íí Îï Ïï Ĩī Īī Ĭĭ Įį Ĭĭ Ĭì Îî Ji Ïí Îi Ii Iı Ll Ĺĺ Ļḷ Ṭḍ Lḷ Lḷ Lt l Vv Ũũ Vy Ww Zz Źź Żż Žž Žĉ Zz Zz Fe Fe Fe fi ffi	AA ÃÃ ÀÀ ÁÁ ÂÂ ÄÄ ÅÅ ÅÅ ĀĀ ĂĂ ĂĂ ĀĀĀĀĀĀĀĀÂÂ ÅÅ ÂÂ ÁA ÁA ÁĀĀĀĀĀ ÁÁ ÄÄ ÂÂ ÁA ĄĄ Å ÅA ÁÁ ÂÂ ÂÂ ÂÂ ÂÃ ÂÂ ÁĂ ÀĂ ÅÅ ÃĂ ĄĄ ĂĂ ¼A V ÆÆ FF FF II ÌÌ Íſ ÎÎ ÏÏ ĨĪ ĪĬ ĬĬ ĮĮ ĬĬ ĬĬ ÎÎ ĮĮ ĨÍ ÎÅ ĮĮ II LL ĹĹ ĻĻ ĻĻ LL ĻĻ Lt t VV ŨŨ ŲŲ WW ZZ ŹŹ ŻŻ ŽŽ ŽŹ ZZ ZZ FF FF FF FI FFI	R
			1=True	Aa Ãã Àà Áá Ââ Ää Åå Āā Āā Ăă Ää Āā Áå Åå Âå Ââ Ââ Ââ Ââ Ââ Ââ Âã Âå Åå Åå Åå Åå Ãã	AA ÃÃ ÀÀ ÁÁ ÂÂ ÄÄ ÅÅ ÅÅ ĀĀ ĂĂ ĂĂ ĀĀ ĀĀ ĀĀ ĀĀ ĀĀ ÅÅ ÅÅ ÂÂ ÀÀ ÂĀ ĀĀ ÂĀ	
Non-European caron alternates (U+0164 U+0165 U+010E U+010F U+013D U+013E)	cv77	carn (old:1063)	0=European style 1=Non-European style	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ	R
Ogonek alternate (U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED)	cv76	ogon (old:1043)	0=Curved 1=Straight	TŤ Ďď ĽĬ  anything with Ç (Ąą Ęę Įį Ųų Qo ŌŌ)  anything with Ç (Ąą Ęę Įį Ųų Qo ŌŌ)	ŤŤ ĎĎ ĽĽ         anything with ♀ (久久 長長 ĮĮ ŲŲ QỌ ŌŌ)         anything with ♀ (久久 長長 ĮĮ ŲŲ QỌ ŌŌ)	R
Low-profile diacritics (U+0300 U+0301 U+0302 U+0303 U+0304 U+0307 U+0308 U+030C)	ss07	lopr (old:1054)	0=False 1=True	anything with $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ (áàâǎāãäà) anything with $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ (áàâǎāãäà)	anything with $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	R
Serif beta alternate (U+03B2 U+1D66 U+1D5D)	cv14	beta (old:1060)	0=No serif 1=Serif	$eta^{eta_{eta}}$ $eta^{eta_{eta}}$	Small capitals are not available as there is no uppercase equivalent	R
Capital B-hook alternate (U+0181)	cv13	B_hk (old:1064)	0=Uppercase style 1=Lowercase style	В6	Вв	R
Capital D-hook alternate	cv17	D_hk	0=Uppercase style	Б6 Dd	Бь Dd	R
			1=Lowercase style	₫ď	र्वे	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes									
Rams horn alternates (U+0264)	cv25	ramh (old:1025)	0=Small bowl	8	Small capitals are not available as there is no uppercase equivalent	R									
			1=Large bowl	σ	uppercase equivalent										
			2=Small gamma	γ											
Capital H-stroke alternate	cv28	Hstk (old:1038)	0=False	Ħħ	ĦĦ	R									
			1=Vertical-stroke	нћ	Нн										
J-stroke hook alternate	cv37	Jstk (old:1049)	0=No serif	f	Small capitals are not available as there is no	R									
			1=Top serif	f	uppercase equivalent										
Uppercase Eng alternates	cv43	Engs (old:1024)	0=Large eng with descender	Ŋŋ	ŋŋ	R									
				1=Large eng on baseline	nŋ	ກກ									
			2=Capital N with tail	Ŋŋ	ŊŊ										
						3=Large eng with short stem	ຶ່ນກ	ງϧ							
Capital N-left-hook alternate	cv44	N_hk (old:1035)	0=Uppercase style	Np	Nn	R									
			1=Lowercase style	nn	րր										
Open-O alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	cv46	opnO (old:1059)	opnO (old:1059)	0=Bottom serif	ეი ი ი ი	ეე ე ე <sup>°</sup> ე	R								
,			1=Top serif	) ၁ ၁ <sup>၁</sup> ဥ	)) ) ) )										
Small p-hook alternate	cv49	p_hk (old:1040)	0=Left hook	Рβ	P <sub>P</sub>	R									
(C.C.I.E)			1=Right hook	Pp	<b>P</b> P										
Capital R-tail alternate	cv55	R_tI (old:1039)										0=Uppercase style	Br	RR	R
10.2007			1=Lowercase style	rr	rr										
Capital T-hook alternate	cv57	t_hk (old:1037)	0=Left hook	Tf	Тт	R									
(U+0TAC)			1=Right hook	тŧ	Тт										

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes		
V-hook alternates (U+01B2 U+028B U+1DB9)	cv62	v_hk (old:1033)	0=Curved	υυυ	υυ <sup>υ</sup>	R		
			1=Straight with low hook	Vυ <sup>ν</sup>	<b>νν</b> °			
			2=Straight with high hook	Vv	٧v			
Capital Y-hook alternate (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Yy	ΥΥ	R		
			0=Left hook	Yy	ΥΥ			
Small ezh-curl alternate (U+0293)	cv19	ezhc (old:1036)	0=Small bowl	3	Small capitals are not available as there is no uppercase equivalent	R		
			1=Large bowl	3	apportation equivalent			
Capital Ezh alternates (U+01B7 U+04E0)	cv20	Ezhr (old:1042)	0=Normal	33 33	33 33	R		
			1=Reversed sigma	3333	ΣΣ ΣΣ			
OU alternates (U+0222 U+0223 U+1D3D U+1D15)	cv47	opOU (old:1045)	0=Closed	888 <sup>8</sup>	888 <sup>8</sup>	R		
			1=Open	888 <sup>8</sup>	888 <sup>8</sup>			
Modifier apostrophe alternates (U+02BC U+A78B U+A78C)	cv70	apos (old:1044)		0=Small	, 11	Small capitals are not available	R	
			1=Large	7 [1				
Modifier colon alternate (U+A789)	cv71	coln (old:1047)	0=Tight	:	Small capitals are not available as there is no uppercase equivalent	R		
			0=Expanded	:				
Porsonic circumflex (U+0342 U+1F06 U+1F07 U+1F0E U+1F0F U+1F26 U+1F27 U+1F2E U+1F2F U+1F36 U+1F37 U+1F3E	cv78	pcir (old:1055)	0=False	Ĩ, Ã, Ã, ĨA, ĨA, ĨĄ, ĨĄ, ĨH, ĨH, Ĩ, Ĩ, ĨI, ĨI, Ũ, Ũ, ĨY,	Small capitals are not available for Greek	R		
U+1F3F U+1F56 U+1F57 U+1F5F U+1F66 U+1F67 U+1F6E U+1F6F U+1F86 U+1F87 U+1F8E U+1F8F				$\tilde{\omega}$ , $\tilde{\omega}$ , $\tilde{\Omega}$ , $\tilde{\Omega}$ , $\tilde{\alpha}$ , $\tilde{\alpha}$ , $\tilde{\alpha}$ , $\tilde{\Lambda}$ , $\tilde{\Lambda}$ , $\tilde{\eta}$ , $\tilde{\eta}$ , $\tilde{\eta}$ , $\tilde{H}$ , $\tilde{H}$ , $\tilde{\omega}$ ,				
U+1F96 U+1F97 U+1F9E U+1F9F U+1FA6 U+1FA6 U+1FAF U+1FAF U+1FB6 U+1FB7 U+1FC0 U+1FC1 U+1FC6 U+1FC7 U+1FCF U+1FD6 U+1FD7 U+1FDF U+1FE6 U+1FE7 U+1FF6 U+1FF7)			1=Porsonic-style	$\tilde{\psi}, \tilde{\Omega}_{1}, \tilde{\Omega}_{1}, \tilde{\alpha}, \tilde{\alpha}, \tilde{\alpha}, \tilde{\tilde{\alpha}}, \tilde{\tilde{\eta}}, \tilde{\eta}, \tilde{\eta}, \tilde{\tilde{\eta}}, \tilde{\tilde{\iota}}, \tilde{\tilde{\iota}}, \tilde{\tilde{\iota}}, \tilde{\tilde{\upsilon}}, \tilde{\tilde{\upsilon}}, \tilde{\tilde{\omega}}, \tilde{\omega}, \tilde{\omega}$				
				ô, α, α, α, α, α, η, η, α, α, α, ι, ε, ε, ε, ε, ω, ω, α,				
				$\hat{\psi}$ , $\hat{\Omega}$ , $\hat{\Omega}$ , $\hat{\alpha}$ , $\hat{\alpha}$ , $\hat{\beta}$ , $\hat{\beta}$ , $\hat{\eta}$ , $\hat{\eta}$ , $\hat{i}$				
Empty set alternates (U+2205)	cv98	empt (old:1046)	0=Circle	Ø	Small capitals are not available as there is no	R		
(UTZZUU)					1=Zero	Ø	uppercase equivalent	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Show invisible characters (U+00AD U+034F U+200B U+200C U+200D U+200E U+200F U+202A U+202B U+202C U+202D U+202E U+2060 U+2061 U+2062 U+2063 U+FE00 U+FE01 U+FE02 U+FE03 U+FE03 U+FE06 U+FE06 U+FE06 U+FE08 U+FE09 U+FE0A U+FE0B U+FE0C U+FE0D U+FE0E U+FE0F U+FEF	ss06	invs (old:1030)	0=False 1=True	CGJ     ZW ZW ZW LRM     RLM     LRE     RLE     PDF     LRO     F()     RLO       VS     X       VS     VS     VS     VS     VS     ZWN     ESP     X	Small capitals are not available as there is no uppercase equivalent	R
Small Caps	smcp, c2sc	smcp (old:1058)	0=False 1=True	dž Lj lj Nj nj ǎ ǐ ò ù ū ū ü ü ü aāāæg š k o o ž Dz dz ģ n å æ ø aa e e î î ò o r r u û ş ţ 3 h 8 z a ę ō ō o o y ¢ 2 ¢ j q r y e a b o d ə e g y i l u m n e r r f t u v n z p a b b b c d d d d e e e e e f g h h h h h h i i k k k l l l m m m n n n o o o o o p r r r r r s s s s s t t t t u u u ũ ū v v w w w w w x x y z z z a a a a a a a a a a a a a a a k k l l e o o p p d q q 2 2 v w s b p y z f o o r z l n r c l u e b f g k n r s h z g ł z z d v k k l l e o o p p d q q 2 2 v w s b p y z f o o r z l n r c l u e b f g k n r s h z g ł z z d d z a u u k k l l e o o p p d q q 2 2 v w s p p y z z d d z a a a a a a a a a a a a a a a	V W X Y Z À Á Â Ã Ä Ä Æ Ç È É Ê Ë Ì Í Î Ï Đ Ñ Ò Ó Ô Õ Ö Ø Ù Ú Û Ü Ý Þ Ÿ Ā Ă Ą Ć Ĉ Ċ Č Ď Ð Ē Ě Ė Ę Ě Ĝ Ğ Ġ Ģ Ĥ Ħ Ĩ Ĭ Į I IJ Ĵ Ķ Ĺ Ļ Ľ Ł Ń Ņ Ň Ŋ Ō Ŏ Ő Œ Ŕ Ŗ Ř Ś Ŝ Ş Š Ţ Ť Ŧ Ũ Ū Ů Ű Ų Ŵ Ŷ Ź Ż Ž B Б Ь Ć A F HO K Ł Ŋ O O P Z T U Y Z Z 5 P DŽ DŽ LJ LJ NJ NJ Ă Ĭ Ŏ Ŭ Ü Ü Ü Ü Ä Ā Ā G Ğ K Q Q Ž DZ DZ Ġ N Å Æ Ø Ã Â Ë Ê Î Î Ò Ô Ř Ř Ü Û Ş Ţ 3 H 8 Z Ā Ę Ö Õ Ò Ō Ā Ø Z E J Q R Y V O B D D Ə E G Y H I Ł W M N O R R Z T U U U A 3 P Ą B B B Ç D D D D D È É E E Ĕ F Ā H H H H H J Ĭ K K K Ļ Ļ L M M M N N N N Õ Ö Ö Ö Ö P P R R R R S Ş Ś Š Š T T T T U U U Û Ü Ü V V W W W W X X Y Ž Z Z A Ā Â Â Â Â Â Â Â Â Ă Ă Ă Ă Ă E Ē Ē Ē Ē Ē Ē Ē Ē Ē Ē Ē Ē Ē Ē	

Feature Name	OpenType feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Other Features					
Line spacing		Hunt	Allows for adjustment of the default line spacing in the font.		Т