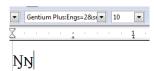
Font Features for Gentium Plus

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+ (http://www.libreoffice.org/download/) or OpenOffice 3.2+ (http://www.openoffice.org/download/) 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 (https://www.mozilla.org/firefox) 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: http://scripts.sil.org/TypeTuner and web-based version: http://scripts.sil.org/ttw) 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 ¹
Language specific						
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EA4 U+1EA8 U+1EA9 U+1EA8 U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EBE U+1EBF U+1EC0 U+1EC1 U+1EC2 U+1EC3 U+1EC4 U+1EC5 U+1ED1 U+1ED2 U+1ED3 U+1ED4 U+1ED5 U+1ED6 U+1ED7)	cv75	viet (old:1029)	0=False	Áá Àà Ảá Ãã Áá Àá Àà Åå Ãã Éé Èè Éể Eễ ÓốÒò ổổ Õổ	ấá Àà Ảả Ãã ắá Àà Àà Åå Ãã ÉÉ ÈÈ ÉÉ ĒĒ ốố Òồ ổổ ỗỗ	R, O
			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 ²						
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)	

¹TypeTuner 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 (http://scripts.sil.org/TypeTuner) or TypeTuner Web (http://scripts.sil.org/ttw).

⁽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	11441[++1	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		
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	₋ ₋ (/\ /\)		
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+0105 U+01CE U+01DF U+01E1 U+01FB 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+1EB3 U+1EB3 U+2C65 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21 U+A7A1)	ss01	01 litr (old:1032)	0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăǎ Āā Āā Áấ Äà Ââ Àa Aa da Aa Åå Áấ Âà Âå Ãã Âã Áắ Àà Åå Ăã Ăã Ăa Ma Gg Ĝĝ Ğğ Ġġ Ģģ Ğğ Gģ Gg Ōg Gg		R
			1=True	1=True	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăǎ Āā Āā Āā Āā Āā Āā Āā Āā Āâ Āâ Āâ Ãâ Ãâ Ãâ Ãâ Ãã Ãĝ Áġ Áġ Šğ Ġġ Ģġ Ğğ Ġġ Gġ	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ĂĂ ÄÄ ĀĀ ÁÁ ÄÄ ÀA ÂA ÀA AA À AA ÅÅ ÁÁ ÀÀ ÅÅ ÃÃ ÂÃ ÁŞ ÁĞ ĂĞ ÄĞ ÄĞ ÄĞ AĞ ĜĜ ĞĞ ĠĠ ĢĢ ĞĞ GĠ GG GG
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 feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Slant italic specials (U+0061 U+00E3 U+00E0 U+00E1 U+00E2 U+00E4 U+00E5 U+0101 U+0103 U+010E U+01DF U+01E1 U+01FB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAB U+1EA5 U+1EB1 U+1EB3 U+1EB5 U+1EA1 U+1EB7 U+2065 U+0250 U+00E6 U+0066 U+1E1F U+0069 U+00EC U+00ED U+00EF U+009F U+0129 U+0128 U+012D U+012F U+01D0 U+0209 U+020B U+1E2D U+1E2F U+1EC9 U+1ECB U+131 U+0060 U+013A U+1E37 U+1E38 U+1E3B U+017C U+017E U+1E91 U+1E7F U+007A U+017A U+017C U+017E U+1E91 U+1E7S U+0493 U+0493 U+04FB U+F327 U+A749 U+A75F)	ss05	ital (old:1053)	0=False	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăā Ăă Ăā Āā Āā Áắ Åå Ää Ää Ââ Ââ Ââ Ââ Ââ Ââ Âã Âå Åå Åå Åå Åä Ää	ÁÁ ÀÀ ÅÅ ÃÃ ĀĀ ĀĀ ĀĀ KK V ÆÆ FF FF II ÌÌ ÍÍ	R
			1=True	Aa Ãã Àà Áá Ââ Ää Åå Āā Āā Ăă Äā Āā Åå Åå Ää Ââ Ââ Àà Ââ Ââ Ââ Ââ Ââ Ââ Ââ Ââ Âà Åà Åà Åå Ãã Āā Åå Ãã Āā Āā Āā Āā Āā Ãā Ãã Āā Āā Āā Ãã Āā Āā Āā Ãã Āā		
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 ੵ (久桑 長長 ĮĮ ŲŲ QQ ŌŌ) anything with ੵ (久桑 長長 ĮĮ ŲŲ QQ 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 (áàâǎāãäà) anything with \circ \circ \circ \circ \circ \circ (áàâǎāãäà)	anything with \diamond	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	ББ DD	R
			1=Lowercase style	₫ď	ďď	

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 (U+0126)	cv28	Hstk (old:1038)	0=False	Ħħ	ĦĦ	R	
			1=Vertical-stroke	нћ	Нн		
J-stroke hook alternate (U+0284)	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 (U+019D)	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)	0=Bottom serif	ეი ი ი ი	ეე ე ე [°] ე	R	
,			1=Top serif) ၁ ၁ ^၁ ဥ)))))		
Small p-hook alternate	cv49	p_hk (old:1040)	0=Left hook	Рβ	P P	R	
V			1=Right hook	Pp	P P		
Capital R-tail alternate (U+2C64)	cv55	R_tl (old:1039)		0=Uppercase style	Br	RR	R
			1=Lowercase style	rr	rr		
Capital T-hook alternate (U+01AC)	cv57	t_hk (old:1037)	0=Left hook	Tf	Тт	R	
			1=Right hook	тŧ	Тт		

OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes			
cv62	v_hk (old:1033)	0=Curved	υυυ	υυυ	R			
		1=Straight with low hook	٧٧ ^v	Vv ^v				
		2=Straight with high hook	٧٧ ^v	Vv				
cv68	Y_hk (old:1034)	1=Right hook	Yy	ΥΥ	R			
		0=Left hook	Yy	ΥΥ				
cv19	ezhc (old:1036)	0=Small bowl	3	Small capitals are not available as there is no uppercase equivalent	R			
		1=Large bowl	3					
cv20	Ezhr (old:1042)	0=Normal	33 33	33 33	R			
		1=Reversed sigma	3333	ΣΣ ΣΣ				
cv47	opOU (old:1045)	0=Closed	888 ⁸	888 ⁸	R			
		1=Open	888 ⁸					
cv70	cv70			apos (old:1044)	0=Small	· II	Small capitals are not available	R
		1=Large	'11					
cv71	coln (old:1047)	0=Tight	:	Small capitals are not available as there is no uppercase equivalent	R			
		0=Wide	:					
cv98	empt (old:1046)	0=Circle	Ø	Small capitals are not available as there is no uppercase equivalent	R			
		1=Zero	Ø					
ss06	invs (old:1030)	0=False 1=True	CGJ ZWW ZWW LRM RLM LRE RLE PDF LRO F() RLO VS 9 VS 7 VS 5 5 4 3 7 4 3 7 1 1 1 0 ESP VS ZWW VS ZWW VS ZWW VS ZWW	Small capitals are not available as there is no uppercase equivalent	R			
	cv62 cv68 cv19 cv47 cv70 cv71 cv98	feature ID feature ID cv62 V_hk (old:1033) cv68 Y_hk (old:1034) cv19 ezhc (old:1036) cv20 Ezhr (old:1042) cv47 old:1045) cv70 apos (old:1044) cv71 coln (old:1047) cv98 empt (old:1046) ss06 invs	feature ID feature ID Co-Curved cv62 V_hk (old:1033) 0=Curved cv68 Y_hk (old:1034) 1=Straight with high hook cv19 ezhc (old:1036) 0=Left hook cv20 Ezhr (old:1042) 0=Normal (old:1042) cv47 0pOU (old:1045) 0=Closed (old:1046) cv70 apos (old:1044) 0=Small (old:1046) cv71 coln (old:1047) 0=Tight (old:1047) cv98 empt (old:1046) 0=Circle (old:1046) ss06 invs (old:1030) 0=False (old:1030)	feature ID feature ID Cocked (old 1033) Cocked (old 1034) Sasas CV20 Early (old 1042) O-Small bowl (old 1043) 33 33 33 CV47 QOU (old 1043) O-Rowall (old 1044) 8888 CV70 Qould (old 1044) -Small (old 1044) 11 CV71 Qould (old 1040) -Small (old 1044) 1 CV70 Qould (old 1040) -Small (old 1044) 1 CV71 Qould (old 1040) -Small (old 1044) 1 CV70 Qould (old 1040) -Small (old 1044) 1 CV70 Qould (old 1040) -Small (old 1044) 1 CV70 Qould (old 1040) -Small (old 1044) -Small (old 1044) CV70 Qould (old 1044) -Small (old 1044) -Small (old 1044) CV70 Qould (old 1044) -Small (old 1044)	eature (0) feature (0) feature (0) feature (0) Comment (0)			

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Small Caps	smcp, c2sc	smcp (old:1058)	0=False 1=True	ҧҩ҉ҫҭүұҳҵҷҹһҽ҉ҿӂӄӆӈӊӌӎӀ ӑӓӕӗәӛӝӟӡӣӥӧѳӫӭӯӱӳӵӷӹӻ ӽӿddъҳҧњҫъєӆхҏӿҁѡҝҧ ҧӆһӈҗҳӆ	V W X Y Z À Á Â Ã Ä Ä Æ Ç È É Ê Ë Ì Í Î Ï Đ N Ò Ó Ô Ö Ø Ù Ú Û Ü Ý Þ Ÿ Ā Ă Ą Ć Ĉ Ċ Ď Đ Ē Ĕ Ė Ę Ě Ĝ Ğ Ġ Ģ Ĥ Ħ Ĩ Ĭ Į I I J 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 Ů Ů Ų Ŵ Ŷ Ź Ż Ż B B b C I F HO K Ł Ŋ O O P T T Y Z E 5 P DŽ DŽ L J L J N J N J Ă Ĭ Ŏ Ŭ Ü Ü Ü Ü Ä Ā Ā Ā G Š Ķ Q Ō Š DZ DZ Ġ Ň Ă Æ Ø Ă Â Ë Ê Î Î Ô Ô Ř R Ü Ŋ S Ţ 3 H 8 Z Å Ę Ō Õ Ō Ō Ā Ø 7 Ø 7 Ø J B Q R Y V O B O D O B E G Y I L W M M O B R E T U U D A 3 P Ą B B Ç D D D D D Ē Ē E E Ĕ F Ā H H H H H I Ï K Ķ K Ļ Ļ L L M M M N N N N N N N Ö Ö Õ Õ Õ P P R R R R S S Ś Š Ś Ť T T T U U U Ü Ü Ü V V W W W W W X X Y Ź Z Z A Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Ê Ê Ê Ê Ê Ê Ê Ê Ê Ê Ê Ê Ê Ê Î Î I O Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô Ô O O O U Û Û Û Û Û Û Û Û Û Û Û Û Û Û Û Û	
Other Features					, , ,	
Line spacing			Normal Tight Loose	Allows for adjustment of the default line spacing in the font.		Т