

# Evolution of Adlam Characters Since Encoding (2016-2024)

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## 1. Introduction

Since Adlam was encoded in 2016 ([L2/13-191](#), [L2/14-219R](#)) the letterforms have evolved to address legibility, ease-of-writing and typographic concerns. The degree of change ranges from dramatic restructuring of glyphs particularly amongst the supplementary letters ([U+1E91C – U+1E921] [ U+1E93E – U+1E943]) to subtle adjustments to stroke dynamics that simplify the letterforms, unify the visual language across the repertoire and establish a better base form to accommodate diverse typographic treatments in the future. These changes have occurred incrementally over the span of 8 years, twice prompting the need for code chart updates. The first update occurred in 2019 ([L2/19-119R](#)) and the second in 2024.

This evolution is documented on the following pages. Renderings of the Adlam complement in the four primary fonts are presented along with the year each version was released. Each revision was developed in coordination with Abdoulaye and Ibrahima Barry using the feedback provided by the network of Adlam teachers. Positional forms are included for fonts that support the connected variant of Adlam.

## 2. Glyph History

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER ALIF (U+1E900)								
Noto	ᲀ ᲀᲀᲀ		ᲀ ᲀᲀᲀ					
Ebrima		ᲀ	ᲀ					ᲀ
Kigelia			ᲀ ᲀᲀᲀ	ᲀ ᲀᲀᲀ		ᲀ ᲀᲀᲀ	ᲀ ᲀᲀᲀ	ᲀ ᲀᲀᲀ
ADLaM Display						ᲀ	ᲀ	ᲀ
SMALL LETTER ALIF (U+1E922)								
Noto	ᲁ ᲁᲁᲁ		ᲁ ᲁᲁᲁ					
Ebrima		ᲁ	ᲁ					ᲁ
Kigelia			ᲁ ᲁᲁᲁ	ᲁ ᲁᲁᲁ		ᲁ ᲁᲁᲁ	ᲁ ᲁᲁᲁ	ᲁ ᲁᲁᲁ
ADLaM Display						ᲁ	ᲁ	ᲁ
CAPITAL LETTER DAALI (U+1E901)								
Noto	ᲂ ᲂᲂᲂ		ᲂ ᲂᲂᲂ					
Ebrima		ᲂ	ᲂ					ᲂ
Kigelia			ᲂ ᲂᲂᲂ	ᲂ ᲂᲂᲂ		ᲂ ᲂᲂᲂ	ᲂ ᲂᲂᲂ	ᲂ ᲂᲂᲂ
ADLaM Display						ᲂ	ᲂ	ᲂ
SMALL LETTER DAALI (U+1E923)								
Noto	ᲃ ᲃᲃᲃ		ᲃ ᲃᲃᲃ					
Ebrima		ᲃ	ᲃ					ᲃ
Kigelia			ᲃ ᲃᲃᲃ	ᲃ ᲃᲃᲃ		ᲃ ᲃᲃᲃ	ᲃ ᲃᲃᲃ	ᲃ ᲃᲃᲃ
ADLaM Display						ᲃ	ᲃ	ᲃ

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER LAAM (U+1E902)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
SMALL LETTER LAAM (U+1E924)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
CAPITAL LETTER MIIM (U+1E903)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
SMALL LETTER MIIM (U+1E925)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
CAPITAL LETTER BA (U+1E904)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
SMALL LETTER BA (U+1E926)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
CAPITAL LETTER SINNYIHE (U+1E905)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
SMALL LETTER SINNYIHE (U+1E927)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER PE (U+1E906)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
SMALL LETTER PE (U+1E928)								
Noto	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ					
Ebrima		ᐅ	ᐅ					ᐅ
Kigelia			ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ		ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ	ᐅ ᐅᐅᐅ
ADLaM Display						<b>ᐅ</b>	<b>ᐅ</b>	<b>ᐅ</b>
CAPITAL LETTER BHE (U+1E907)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>
SMALL LETTER BHE (U+1E929)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>
CAPITAL LETTER RA (U+1E908)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>
SMALL LETTER RA (U+1E92A)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>
CAPITAL LETTER E (U+1E909)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>
SMALL LETTER E (U+1E92B)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						<b>ᑭ</b>	<b>ᑭ</b>	<b>ᑭ</b>

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER FA (U+1E90A)								
Noto	፳ ፳፳፳		፳ ፳፳፳					
Ebrima		፳	፳					፳
Kigelia			፳ ፳፳፳	፳ ፳፳፳		፳ ፳፳፳	፳ ፳፳፳	፳ ፳፳፳
ADLaM Display						<b>፳</b>	<b>፳</b>	<b>፳</b>
SMALL LETTER FA (U+1E92C)								
Noto	፳ ፳፳፳		፳ ፳፳፳					
Ebrima		፳	፳					፳
Kigelia			፳ ፳፳፳	፳ ፳፳፳		፳ ፳፳፳	፳ ፳፳፳	፳ ፳፳፳
ADLaM Display						<b>፳</b>	<b>፳</b>	<b>፳</b>
CAPITAL LETTER I (U+1E90B)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>
SMALL LETTER I (U+1E92D)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>
CAPITAL LETTER O (U+1E90C)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>
SMALL LETTER O (U+1E92E)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>
CAPITAL LETTER DHA (U+1E90D)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>
SMALL LETTER DHA (U+1E92F)								
Noto	ሀ ሀሀሀ		ሀ ሀሀሀ					
Ebrima		ሀ	ሀ					ሀ
Kigelia			ሀ ሀሀሀ	ሀ ሀሀሀ		ሀ ሀሀሀ	ሀ ሀሀሀ	ሀ ሀሀሀ
ADLaM Display						<b>ሀ</b>	<b>ሀ</b>	<b>ሀ</b>

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER YHE (U+1E90E)								
Noto	ሂ ሂሂሂ		ሂ ሂሂሂ					
Ebrima		ሂ	ሂ					ሂ
Kigelia			ሂ ሂሂሂ	ሂ ሂሂሂ		ሂ ሂሂሂ	ሂ ሂሂሂ	ሂ ሂሂሂ
ADLaM Display						ሂ	ሂ	ሂ
SMALL LETTER YHE (U+1E930)								
Noto	ሃ ሃሃሃ		ሃ ሃሃሃ					
Ebrima		ሃ	ሃ					ሃ
Kigelia			ሃ ሃሃሃ	ሃ ሃሃሃ		ሃ ሃሃሃ	ሃ ሃሃሃ	ሃ ሃሃሃ
ADLaM Display						ሃ	ሃ	ሃ
CAPITAL LETTER WAW (U+1E90F)								
Noto	ሠ ሠሠሠ		ሠ ሠሠሠ					
Ebrima		ሠ	ሠ					ሠ
Kigelia			ሠ ሠሠሠ	ሠ ሠሠሠ		ሠ ሠሠሠ	ሠ ሠሠሠ	ሠ ሠሠሠ
ADLaM Display						ሠ	ሠ	ሠ
SMALL LETTER WAW (U+1E931)								
Noto	ሡ ሡሡሡ		ሡ ሡሡሡ					
Ebrima		ሡ	ሡ					ሡ
Kigelia			ሡ ሡሡሡ	ሡ ሡሡሡ		ሡ ሡሡሡ	ሡ ሡሡሡ	ሡ ሡሡሡ
ADLaM Display						ሡ	ሡ	ሡ
CAPITAL LETTER NUN (U+1E910)								
Noto	ሠ ሠሠሠ		ሠ ሠሠሠ					
Ebrima		ሠ	ሠ					ሠ
Kigelia			ሠ ሠሠሠ	ሠ ሠሠሠ		ሠ ሠሠሠ	ሠ ሠሠሠ	ሠ ሠሠሠ
ADLaM Display						ሠ	ሠ	ሠ
SMALL LETTER NUN (U+1E932)								
Noto	ሡ ሡሡሡ		ሡ ሡሡሡ					
Ebrima		ሡ	ሡ					ሡ
Kigelia			ሡ ሡሡሡ	ሡ ሡሡሡ		ሡ ሡሡሡ	ሡ ሡሡሡ	ሡ ሡሡሡ
ADLaM Display						ሡ	ሡ	ሡ
CAPITAL LETTER KAF (U+1E911)								
Noto	ሠ ሠሠሠ		ሠ ሠሠሠ					
Ebrima		ሠ	ሠ					ሠ
Kigelia			ሠ ሠሠሠ	ሠ ሠሠሠ		ሠ ሠሠሠ	ሠ ሠሠሠ	ሠ ሠሠሠ
ADLaM Display						ሠ	ሠ	ሠ
SMALL LETTER KAF (U+1E933)								
Noto	ሡ ሡሡሡ		ሡ ሡሡሡ					
Ebrima		ሡ	ሡ					ሡ
Kigelia			ሡ ሡሡሡ	ሡ ሡሡሡ		ሡ ሡሡሡ	ሡ ሡሡሡ	ሡ ሡሡሡ
ADLaM Display						ሡ	ሡ	ሡ

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER YA (U+1E912)								
Noto	Ʒ ƷƷƷ		Ʒ ƷƷƷ					
Ebrima		Ʒ	Ʒ					Ʒ
Kigelia			Ʒ ƷƷƷ	Ʒ ƷƷƷ		Ʒ ƷƷƷ	Ʒ ƷƷƷ	Ʒ ƷƷƷ
ADLaM Display						<b>Ʒ</b>	<b>Ʒ</b>	<b>Ʒ</b>
SMALL LETTER YA (U+1E934)								
Noto	Ʒ ƷƷƷ		Ʒ ƷƷƷ					
Ebrima		Ʒ	Ʒ					Ʒ
Kigelia			Ʒ ƷƷƷ	Ʒ ƷƷƷ		Ʒ ƷƷƷ	Ʒ ƷƷƷ	Ʒ ƷƷƷ
ADLaM Display						<b>Ʒ</b>	<b>Ʒ</b>	<b>Ʒ</b>
CAPITAL LETTER U (U+1E913)								
Noto	Ʊ ƱƱƱ		Ʊ ƱƱƱ					
Ebrima		Ʊ	Ʊ					Ʊ
Kigelia			Ʊ ƱƱƱ	Ʊ ƱƱƱ		Ʊ ƱƱƱ	Ʊ ƱƱƱ	Ʊ ƱƱƱ
ADLaM Display						<b>Ʊ</b>	<b>Ʊ</b>	<b>Ʊ</b>
SMALL LETTER U (U+1E935)								
Noto	Ʊ ƱƱƱ		Ʊ ƱƱƱ					
Ebrima		Ʊ	Ʊ					Ʊ
Kigelia			Ʊ ƱƱƱ	Ʊ ƱƱƱ		Ʊ ƱƱƱ	Ʊ ƱƱƱ	Ʊ ƱƱƱ
ADLaM Display						<b>Ʊ</b>	<b>Ʊ</b>	<b>Ʊ</b>
CAPITAL LETTER JIIM (U+1E914)								
Noto	ƶ ƶƶƶ		ƶ ƶƶƶ					
Ebrima		ƶ	ƶ					ƶ
Kigelia			ƶ ƶƶƶ	ƶ ƶƶƶ		ƶ ƶƶƶ	ƶ ƶƶƶ	ƶ ƶƶƶ
ADLaM Display						<b>ƶ</b>	<b>ƶ</b>	<b>ƶ</b>
SMALL LETTER JIIM (U+1E936)								
Noto	ƶ ƶƶƶ		ƶ ƶƶƶ					
Ebrima		ƶ	ƶ					ƶ
Kigelia			ƶ ƶƶƶ	ƶ ƶƶƶ		ƶ ƶƶƶ	ƶ ƶƶƶ	ƶ ƶƶƶ
ADLaM Display						<b>ƶ</b>	<b>ƶ</b>	<b>ƶ</b>
CAPITAL LETTER CHI (U+1E915)								
Noto	Ƹ ƸƸƸ		Ƹ ƸƸƸ					
Ebrima		Ƹ	Ƹ					Ƹ
Kigelia			Ƹ ƸƸƸ	Ƹ ƸƸƸ		Ƹ ƸƸƸ	Ƹ ƸƸƸ	Ƹ ƸƸƸ
ADLaM Display						<b>Ƹ</b>	<b>Ƹ</b>	<b>Ƹ</b>
SMALL LETTER CHI (U+1E937)								
Noto	Ƹ ƸƸƸ		Ƹ ƸƸƸ					
Ebrima		Ƹ	Ƹ					Ƹ
Kigelia			Ƹ ƸƸƸ	Ƹ ƸƸƸ		Ƹ ƸƸƸ	Ƹ ƸƸƸ	Ƹ ƸƸƸ
ADLaM Display						<b>Ƹ</b>	<b>Ƹ</b>	<b>Ƹ</b>

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER HA (U+1E916)								
Noto	Ḥ ḤḤ		Ḥ ḤḤ					
Ebrima		Ḥ	Ḥ					Ḥ
Kigelia			Ḥ ḤḤ	Ḥ ḤḤ		Ḥ ḤḤ	Ḥ ḤḤ	Ḥ ḤḤ
ADLaM Display						Ḥ	Ḥ	Ḥ
SMALL LETTER HA (U+1E938)								
Noto	ḥ ḥḥ		ḥ ḥḥ					
Ebrima		ḥ	ḥ					ḥ
Kigelia			ḥ ḥḥ	ḥ ḥḥ		ḥ ḥḥ	ḥ ḥḥ	ḥ ḥḥ
ADLaM Display						ḥ	ḥ	ḥ
CAPITAL LETTER QAAF (U+1E917)								
Noto	Ḟ ḞḞḞ		Ḟ ḞḞḞ					
Ebrima		Ḟ	Ḟ					Ḟ
Kigelia			Ḟ ḞḞḞ	Ḟ ḞḞḞ		Ḟ ḞḞḞ	Ḟ ḞḞḞ	Ḟ ḞḞḞ
ADLaM Display						Ḟ	Ḟ	Ḟ
SMALL LETTER QAAF (U+1E939)								
Noto	ḟ ḟḟḟ		ḟ ḟḟḟ					
Ebrima		ḟ	ḟ					ḟ
Kigelia			ḟ ḟḟḟ	ḟ ḟḟḟ		ḟ ḟḟḟ	ḟ ḟḟḟ	ḟ ḟḟḟ
ADLaM Display						ḟ	ḟ	ḟ
CAPITAL LETTER GA (U+1E918)								
Noto	Ḡ ḠḠḠ		Ḡ ḠḠḠ					
Ebrima		Ḡ	Ḡ					Ḡ
Kigelia			Ḡ ḠḠḠ	Ḡ ḠḠḠ		Ḡ ḠḠḠ	Ḡ ḠḠḠ	Ḡ ḠḠḠ
ADLaM Display						Ḡ	Ḡ	Ḡ
SMALL LETTER GA (U+1E93A)								
Noto	ḡ ḡḡḡ		ḡ ḡḡḡ					
Ebrima		ḡ	ḡ					ḡ
Kigelia			ḡ ḡḡḡ	ḡ ḡḡḡ		ḡ ḡḡḡ	ḡ ḡḡḡ	ḡ ḡḡḡ
ADLaM Display						ḡ	ḡ	ḡ
CAPITAL LETTER NYA (U+1E919)								
Noto	Ḣ ḢḢḢ		Ḣ ḢḢḢ					
Ebrima		Ḣ	Ḣ					Ḣ
Kigelia			Ḣ ḢḢḢ	Ḣ ḢḢḢ		Ḣ ḢḢḢ	Ḣ ḢḢḢ	Ḣ ḢḢḢ
ADLaM Display						Ḣ	Ḣ	Ḣ
SMALL LETTER NYA (U+1E93B)								
Noto	ḣ ḣḣḣ		ḣ ḣḣḣ					
Ebrima		ḣ	ḣ					ḣ
Kigelia			ḣ ḣḣḣ	ḣ ḣḣḣ		ḣ ḣḣḣ	ḣ ḣḣḣ	ḣ ḣḣḣ
ADLaM Display						ḣ	ḣ	ḣ

	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER TU (U+1E91A)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
SMALL LETTER TU (U+1E93C)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
CAPITAL LETTER NHA (U+1E91B)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
SMALL LETTER NHA (U+1E93D)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
CAPITAL LETTER VA (U+1E91C)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
SMALL LETTER VA (U+1E93E)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
CAPITAL LETTER KHA (U+1E91D)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>
SMALL LETTER KHA (U+1E93F)								
Noto	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋					
Ebrima		᠋	᠋					᠋
Kigelia			᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋		᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋	᠋ ᠋᠋᠋᠋
ADLaM Display						<b>᠋</b>	<b>᠋</b>	<b>᠋</b>



	2017	2018	2019	2020	2021	2022	2023	2024
CAPITAL LETTER GBE (U+1E91E)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
SMALL LETTER GBE (U+1E940)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
CAPITAL LETTER ZAL (U+1E91F)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
SMALL LETTER ZAL (U+1E941)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
CAPITAL LETTER KPO (U+1E920)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
SMALL LETTER KPO (U+1E942)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
CAPITAL LETTER SHA (U+1E921)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ
SMALL LETTER SHA (U+1E943)								
Noto	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ					
Ebrima		ᑭ	ᑭ					ᑭ
Kigelia			ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ		ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ	ᑭ ᑭᑭᑭ
ADLaM Display						ᑭ	ᑭ	ᑭ

	2017	2018	2019	2020	2021	2022	2023	2024
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ALIF LENGTHENER (U+1E944) - lowercase

Noto	◌ <sub>◌</sub>		◌ <sub>◌</sub>					
Ebrima		◌ <sub>◌</sub>	◌ <sub>◌</sub>					◌ <sub>◌</sub>
Kigelia			◌ <sub>◌</sub>	◌ <sub>◌</sub>		◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>
ADLaM Display						◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>

ALIF LENGTHENER (U+1E944) - uppercase

Noto	◌ <sup>◌</sup>		◌ <sup>◌</sup>					
Ebrima		◌ <sup>◌</sup>	◌ <sup>◌</sup>					◌ <sup>◌</sup>
Kigelia			◌ <sup>◌</sup>	◌ <sup>◌</sup>		◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>
ADLaM Display						◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>

VOWEL LENGTHENER (U+1E945) - lowercase

Noto	◌ <sub>◌</sub>		◌ <sub>◌</sub>					
Ebrima		◌ <sub>◌</sub>	◌ <sub>◌</sub>					◌ <sub>◌</sub>
Kigelia			◌ <sub>◌</sub>	◌ <sub>◌</sub>		◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>
ADLaM Display						◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>

VOWEL LENGTHENER (U+1E945) - uppercase

Noto	◌ <sup>◌</sup>		◌ <sup>◌</sup>					
Ebrima		◌ <sup>◌</sup>	◌ <sup>◌</sup>					◌ <sup>◌</sup>
Kigelia			◌ <sup>◌</sup>	◌ <sup>◌</sup>		◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>
ADLaM Display						◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>

GEMINATION MARK (U+1E946) - lowercase

Noto	◌ <sub>◌</sub>		◌ <sub>◌</sub>					
Ebrima		◌ <sub>◌</sub>	◌ <sub>◌</sub>					◌ <sub>◌</sub>
Kigelia			◌ <sub>◌</sub>	◌ <sub>◌</sub>		◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>
ADLaM Display						◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>

GEMINATION MARK (U+1E946) - uppercase

Noto	◌ <sup>◌</sup>		◌ <sup>◌</sup>					
Ebrima		◌ <sup>◌</sup>	◌ <sup>◌</sup>					◌ <sup>◌</sup>
Kigelia			◌ <sup>◌</sup>	◌ <sup>◌</sup>		◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>
ADLaM Display						◌ <sup>◌</sup>	◌ <sup>◌</sup>	◌ <sup>◌</sup>

HAMZA (U+1E947)

Noto	◌ <sub>◌</sub>		◌ <sub>◌</sub>					
Ebrima		◌ <sub>◌</sub>	◌ <sub>◌</sub>					◌ <sub>◌</sub>
Kigelia			◌ <sub>◌</sub>	◌ <sub>◌</sub>		◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>
ADLaM Display						◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>

CONSONANT MODIFIER (U+1E948)

Noto	◌ <sub>◌</sub>		◌ <sub>◌</sub>					
Ebrima		◌ <sub>◌</sub>	◌ <sub>◌</sub>					◌ <sub>◌</sub>
Kigelia			◌ <sub>◌</sub>	◌ <sub>◌</sub>		◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>
ADLaM Display						◌ <sub>◌</sub>	◌ <sub>◌</sub>	◌ <sub>◌</sub>

	2017	2018	2019	2020	2021	2022	2023	2024
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GEMINATE CONSONANT MODIFIER (U+1E949)

Noto	◌̥		◌̥					
Ebrima		◌̥	◌̥					◌̥
Kigelia			◌̥	◌̥		◌̥	◌̥	◌̥
ADLaM Display						◌̥	◌̥	◌̥

NUKTA (U+1E94A)

Noto	◌̣		◌̣					
Ebrima		◌̣	◌̣					◌̣
Kigelia			◌̣	◌̣		◌̣	◌̣	◌̣
ADLaM Display						◌̣	◌̣	◌̣

EXCLAMATION MARK (U+1E95E)

Noto	᳚		᳚					
Ebrima		᳚	᳚					᳚
Kigelia			᳚	᳚		᳚	᳚	᳚
ADLaM Display						᳚	᳚	᳚

QUESTION MARK (U+1E95F)

Noto	᳛		᳛					
Ebrima		᳛	᳛					᳛
Kigelia			᳛	᳛		᳛	᳛	᳛
ADLaM Display						᳛	᳛	᳛

NASALIZATION MARK (U+1E94B)

Noto			◌̃					
Ebrima			◌̃					◌̃
Kigelia			◌̃	◌̃		◌̃	◌̃	◌̃
ADLaM Display						◌̃	◌̃	◌̃

DIGITS (U+1E950 - U+1E959)

Noto	᳞᳟᳠᳡		᳞᳟᳠᳡					
Ebrima		᳞᳟᳠᳡	᳞᳟᳠᳡					᳞᳟᳠᳡
Kigelia			᳞᳟᳠᳡	᳞᳟᳠᳡		᳞᳟᳠᳡	᳞᳟᳠᳡	᳞᳟᳠᳡
ADLaM Display						᳞᳟᳠᳡	᳞᳟᳠᳡	᳞᳟᳠᳡

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### 4. Version History

Version	Date	Notes
1	2024-08-21	Initial Version

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