The Similarity Feature Groups of the Arabic, Aramaic and Middle Iranian Taxa

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Studied scripts

In the Arabic, Aramaic and Middle Iranian script variants calligraphic influences fully survive, and glyphs are intended to reproduce cursive handwriting (Baird 2014). The two most important varieties of Arabic script are the Kufic and the Nashk (Taylor 1883, Vol. I: 317–318); the Kufic is square and monumental, it has practically fallen into disuse since the 14th c., and the Nashk is the cursive Arabic script in which books and newspapers are printed. There are several altering classifications of varieties of the Arabic scripts with different names, e.g., African (Fry 1799: 8), Qarmatians (Carmatic, Karmathian, used in the north of Arabia); Diwani (Divân, Dīwānī, used during the age of the early Ottoman Turks); Jeli Thuluth (used for stones and buildings); Kufic (Cufic, Kufic, Kufi, is the earliest calligraphic variety of the Arabic script), Maghrebi (Magribī, was developed in North Africa and Al-Andalus [Iberia]); Mauritanian (used in Morocco, Fez and North Africa); Naskh (Nischi, Nash, Nesh, Nesh, Neshkhi, used for text processing); Nastaliq (Nasta'līq, Nashk-i-ta'liq, used for Persian, Punjabi and Urdu languages); Reqa' (used for private correspondence); Ruqʻah (Ruqʻä, Rikaʻa), Taliq (Taʻliq, Taʻalik, used for the Persian language) and Thuluth (Sulsi, Tulut, Thulth, Sülüs, used for ornamental purposes) (Fry 1799: 7; Milo 2002: 114, 122; Milo 2013; Shahzad 2020: 1). These categories partly overlap with each other. The Arabic script also has national subvariants, differing chiefly in the number of graphemes, e.g., Afghan, Hindustani, Malay, Persian and Turkish. Each of them contains additional graphemes to express the peculiar sounds of these languages. Only some selected Arabic script varieties are involved in the current research, namely, the so-called early, African, Kufic, Mauritanian, modern and Naskh. Some historical data of the examined taxa are listed in Table 1, where the order of the scripts corresponds to the time of their first known appearance.

Table 1: The scripts under study

Scripts (in some cases the script variants are individual taxa)	Use of time (approximately)	Area of use (not later than the 1 st millenium AD, approximately)
Old Aramaic	9 th –7 th /6 th c. BC	Middle-East
Imperial Aramaic (Official Aramaic)	7 th /6 th –1 st c. BC	Egypt, Middle East, Inner Asia, Iran
Hebrew (quadratic)	3 rd c. BC – present	Middle East
Parthian	2^{nd} c. BC -3^{rd} c. AD	Inner Asia, Iran
Nabataean	2^{nd} c. $BC - 4^{th}$ c. AD	Middle East
Middle Persian	2^{nd} c. BC -7^{th} c. AD	Inner Asia, Iran
Palmyrene	1^{st} c. BC -3^{rd} c. AD	Middle East
Hatran (Ashurian Aramaic)	1^{st} c. BC -3^{rd} c. AD	Middle East
Syriac (taxa: Syriac-Estrangela, Syriac- Nestorian)	1 st c. AD – present	Middle-East, Inner Asia, Iran
Armazian	1 st –2 nd c. AD	Georgia
Khwarazmian	$1^{st}/2^{nd}$ c. AD – late $7^{th}/8^{th}$ c.	Inner-Asia
Sogdian	2 nd -13 th c. AD	Inner-Asia

Scripts (in some cases the script variants are individual taxa)	Use of time (approximately)	Area of use (not later than the 1 st millenium AD, approximately)
Arabic (taxa: Arabic-African, Arabic- early, Arabic-Kufic, Arabic- Mauritanian, Arabic-modern, Arabic- Naskh)	5 th /6 th c. AD – present	Africa, Iberian-peninsula, Middle East, Inner Asia, Iran

The dataset

The examined taxa features are extracted based on the collections of similar features of the script variants. These collections are called Similarity Features Groups (SFGs), and the purpose of their construction is to avoid the random coincidence of evolutionary unrelated but similar features (Hosszú 2017: 182). The SFGs used in the present analysis are described in Table 2, where the order of the scripts is the same as in Table 1.

Table 2: Similarity features groups (SFGs)

SFG	Features of taxa (graphemes of script variants)
SFG-1	Old Aramaic (Nineveh, 7 th c. BC) ★ (Taylor 1883, Vol. I: 250) <'>. Imperial Aramaic (papyrus, Egypt, 2 nd c. BC) ★, ★ (Taylor 1883, Vol. I: 250); (Arachosia [Afghanistan and Pakistan]) ★, ★, ★ (Ivantchik & Lurje 2013: 290) <'>. Hebrew (Qumran manuscript, 1 st c. BC) ★ aleph <'>. Palmyrene ★, ★ (Faulmann 1880: 84) <'>.
SFG-2	Hatran (H 79, shortly before AD 240) → (Beyer 1998: 10, 47–48) <'>. Armazian ♀, ܙ, ܙ, ܙ, । (Tsereteli 1993: 85); →, → (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <'>.
SFG-3	Parthian (early, Nisa, 1st c. BC) → (Akbarzādeh 2002); (early, Nisa) → (Skjærvø 1996: 518); (Ḥājiābād, 3rd c. AD) → (Taylor 1883, vol. II: 236); (inscriptional) → (Skjærvø 1996: 518); √ (Akbarzādeh 2002); (inscriptions, 3rd c. AD) → (MacKenzie 1971: xi) 'ālap̄ <'>/a, ā/. Middle Persian (Pre-Sasanian) (2nd-1st c. BC) → (Skjærvø 1997: 100); (inscriptional Pahlavi) →; (inscriptional Pahlavi) →, (Psalter) →, (Early Cursive Pahlavi) →, (Book Pahlavi) → (Skjærvø 1996: 518) 'ālap̄ <'>/a, ā/ (Skjærvø 1996: 518). Palmyrene → (Faulmann 1880: 84) <'>. Hatran (H 79, shortly before AD 240) →, → (Beyer 1998: 10, 47–48) <'>. Syriac (Estrangela) → ('>. Khwarazmian (coins) →, ← (Vainberg 1977: Table VIII) <'>. Sogdian (early, Kultobe, before 4th c. AD) →, → (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Afrasiyab [Samarkand, Uzbekistan]) → (Ivantchik & Lurje 2013: 290); (sutra) →, ♠ (Skjærvø 1996: 519) 'ālap̄ <'>/a, ā, ə/.
SFG-4	Nabataean (late) 6 ′, 6 ′ (Macdonald 2008: 218) 6 ′. Syriac (Nestorian) 2 (Daniels 1996: 505) 6 ′. Sogdian (Ancient Letters, beginning of 4 th c. AD) 5 ′ (Skjærvø 1996: 519) 'ālap̄ 6 ′. Angle (early) 6 ′ (Macdonald 2008: 218); (Kufic) 1 ′ (Faulmann 1880: 98) 6 ′.
SFG-5	Arabic (Naskh) (7 th c. AD) I (Taylor 1883, Vol. I: 326); (modern) I (Macdonald 2008: 218) <'ā>.
SFG-6	Arabic (Mauritanian) 1 (Fry 1799: 6); (African) 1 (Fry 1799: 8) < \(^{\alpha}\)\(\bar{a}>\).

SFG	Features of taxa (graphemes of script variants)
SFG-7	<i>Old Aramaic</i> (8 th –7 th c. BC) 9 (Gibson 1975); (Nineveh, 7 th c. BC) 4 (Taylor 1883, Vol. I: 250) <i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) 9 , 5 , (monuments, Egypt, 4 th –3 rd c. BC) 9 , (papyrus, Egypt, 2 nd c. BC) 9 (Taylor 1883, Vol. I: 250) <i>bēt</i> <i>b</i> , β/.
	Hebrew (Qumran Manuscripts, 1 st c. BC) → (Text of the Pentateuchus Masoret, 9 th c. AD) → bēt Parthian (inscriptional) → (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) → (MacKenzie 1971: xi) /b, u/.
	Palmyrene 3, 3 (Faulmann 1880: 84) . Khwarazmian (Toprak-kala) 3 (Vainberg 1977: Table VIII) .
	Sogdian (Ancient Letters, early 4 th c. AD) 3 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4 th c. AD) 3 (Harmatta 2004: 186); (sutra) 3 , 3 (Skjærvø 1996: 519) ⟨ Skjærvø 1996: 519⟩ ⟨ Skjærvø 1996:
SFG-8	Parthian (early, Nisa, 1 st c. BC) > (Skjærvø 1996: 518) /b, u/. Nabataean (late) J (Macdonald 2008: 218) .
	Middle Persian (inscriptional Pahlavi) →, (Psalter) (Bulayïq, 6 th -7 th c., a copy of an origin from the 4 th c. AD) → (Skjærvø 1996: 518) b>/b, u/.
	Hatran (H 79, , shortly before AD 240) \rightarrow (Beyer 1998: 10, 47–48) . Syriac (Estrangela) \rightarrow; (Nestorian) \rightarrow $b\bar{e}t$ <b, <math="">b>.</b,>
	<i>Armazian</i> → (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) .
	<i>Khwarazmian</i> (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4 th –2 nd c. BC) → (Ivantchik & Lurje 2013: 286–287); (Toprak-kala) → (Vainberg 1977: Table VIII)
	Arabic (early) (Macdonald 2008: 218); (Kufic) (Faulmann 1880: 98) .
SFG-9	<i>Arabic</i> (Naskh) (7 th c. AD) ₹ (Taylor 1883, Vol. I: 326); (Mauritanian) ₹ (Fry 1799: 6); (African) ₹ (Fry 1799: 8); (modern) ₹ (Macdonald 2008: 218) <i>bā</i> ' /b/.
SFG-10	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. −8 th c. BC) ↑ , ∧ ; (8 th c. BC) ∧ ; (Deir 'Allā, around 800 BC) ∧ (Glass 2000: 14); (10 th −5 th /4 th c. BC) ↑ (Gibson 1975) gāmal <g>/g/.</g>
	Imperial Aramaic (satrapies, 5 th –4 th c. BC) 1 , (papyrus, Egypt, 2 nd c. BC) 1 , 4 (Taylor 1883, Vol. I: 250) <g>.</g>
SFG-11	Old Aramaic (Nineveh, 7 th c. BC) λ (Taylor 1883, Vol. I: 250) $g\bar{a}mal < g > /g/$. Imperial Aramaic (satrapies, 5 th -4 th c. BC) λ (Taylor 1883, Vol. I: 250) $< g >$.
	Hebrew (Qumran Manuscripts, 1st c. BC) ▶, (Taylor 1865, Vol. 1. 250) \(\frac{1}{2}\). Hebrew (Qumran Manuscripts, 1st c. BC) ▶, (Text of the Pentateuchus Masoret, 9th c. AD) ≯ gimel \(\frac{1}{2}\) gimel \(\frac{1}{2}\).
	Nabataean > gāmal <g>. Palmyrene λ <g>.</g></g>
	Arabic (early) \rightarrow (Macdonald 2008: 218) $\check{g}\bar{\imath}m/jim < \check{g}$, j , $dj > [\widehat{d_3}]$.
SFG-12	Armazian ζ, ζ, ζ (Tsereteli 1993: 85); ζ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <g>. Sogdian (early, Kultobe, before 4th c. AD) ζ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) ζ (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) γ (Harmatta 2004: 186); (sutra) ζ (Skjærvø 1996: 519) gāmal <γ>/g, γ/ (Skjærvø 1996: 519, 530).</g>
	Arabic (Kufic) \rightleftharpoons (Faulmann 1880: 98) $\check{g}\bar{\imath}m/jim < \check{g}, j, dj > [\widehat{d3}].$
SFG-13	Parthian (early, Nisa, 1st c. BC) → (Skjærvø 1996: 518); (Avroman, 13/12 BC) → (Ivantchik & Lurje 2013: 290); (inscriptional) → (Skjærvø 1996: 518); → (MacKenzie 1971: xi) gāmal <g>/g, γ/. Middle Persian (Book Pahlavi) → (Skjærvø 1996: 518); (Book Pahlavi) → (MacKenzie 1971: xi); →</g>
	(Rosenthal et al. 1986–2011: Table 3); (inscriptional) \bot , (Psalter) (Bulayïq, 6^{th} – 7^{th} c., a copy of an origin from the 4^{th} c. AD) \bot (Skjærvø 1996: 518) $g\bar{a}mal < g > /g$, $\gamma /$.
	Hatran (H 79, shortly before AD 240)
	Syriac (Estrangela) →; (Nestorian) → <g>. Khwarazmian (bowls) → (Vainberg 1977: Table VIII) <g>.</g></g>
	<i>Arabic</i> (Naskh) (7 th c. AD) ▲ (Taylor 1883, Vol. I: 326) <i>ğīm/jim</i> <ğ, j, dj> [d͡ʒ].
SFG-14	<i>Arabic</i> (Mauritanian) → (Fry 1799: 6); (African) → (Fry 1799: 6); (modern) → (Macdonald 2008: 218) <i>ğīm/jim</i> < ǧ, j, dj> [d͡ʒ].

SFG	Features of taxa (graphemes of script variants)
SFG-15	Old Aramaic (8 th c. BC) 4 ; (Deir 'Allā, around 800 BC) 4 (Glass 2000: 14); (10 th –9 th c. BC) 4 , 4 , 4 , 4 , 6 , (8 th –7 th c. BC) 4 (Gibson 1975); (Nineveh, 7 th c. BC) 4 (Taylor 1883, Vol. I: 250) dālet <d>/d/. Imperial Aramaic (papyrus, Egypt, 2nd c. BC) 4, 7, (satrapies, 5th–4th c. BC) 4, (monuments, Egypt, 4th–3rd c. BC) 7 (Taylor 1883, Vol. I: 250); (7th–5th/4th c. BC) 4 (Gibson 1975); 7, 7; (Elephantiné papyri, 6th c. BC) 7 (Glass 2000: 14); (Assyrian and Egyptian papyri) 4, (Babylonian Bowls) 4, 7 (Faulmann 1880: 79); (cursive, Egypt, 5th–3rd c. BC) 7, 7 (Lidzbarski 1910); (6th c. BC) 4, (4th c. BC) 7, (1st c. BC) 7 (Schniedewind 2006: 140); (Aśoka, around 250 BC) 7 (Glass 2000: 14); 7 (MacKenzie 1971: xi) dālet <d>/d/ δ/. Hebrew (Qumran Manuscripts, 1st c. BC) 7, (Text of the Pentateuchus Masoret, 9th c. AD) 7 dālet <d>/d/ Parthian (early, Nisa, 1st c. BC) 9 (Rosenthal et al. 1986–2011: Table 3); 7, 7; dālet <d>/d/ δ/. Nabataean 7 dālet <d>/d>. Sogdian (Ancient Letters, early 4th c. AD) 9 (Skjærvø 1996: 519) dālet <d (early)="" .="" <b="" arabic="" d="" δ="">5 (Macdonald 2008: 218); (Kufic) (Faulmann 1880: 98); (Mauritanian) 4 (Fry 1799: 6) dāl <d .<="" d="" th=""></d></d></d></d></d></d></d>
SFG-16	Middle Persian (inscriptions, 3 rd c. AD) 3 (MacKenzie 1971: xi) dālet <d>/d, y/ (Skjærvø 1996: 519). Hatran 3 (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) <d>. Armazian 3 (Cereteli 1948–1949 apud Róna-Tas 1987: 14); 3 (Häberl 2006: 57) dālet <d>.</d></d></d>
	Imperial Aramaic (Assyrian and Egyptian papyri) 7 (Faulmann 1880: 79) dālet <d>/d, δ/. Parthian (inscriptional) ≥ (Nyberg 1964); (inscriptions, 3rd c. AD) 7 (MacKenzie 1971: xi); (coins of the Parthian kings, 1st-2nd c. AD) 1 (Taylor 1883, vol. II: 236) dālet <d>/d /d, δ/. Nabataean 1 dālet <d>. Middle Persian (Psalter) → (Skjærvø 1996: 518); (Early Cursive Pahlavi) → (Skjærvø 1996: 518); (Book Pahlavi) → (MacKenzie 1971: xi) dālet <d>/d /d, y/ (Skjærvø 1996: 519). Palmyrene 7 (Harmatta, 2000: 181) dālet <d>. Hatran (H 79, shortly before AD 240) 1 (Beyer 1998: 10, 47–48) <d>. Syriac (Estrangela) ↑; (Nestorian) → dōlat <d, d="">. Khwarazmian (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th-2nd c. BC) √ (Ivantchik & Lurje 2013: 286–287); (Tok-kala, 7th-8th c. AD) → (Vainberg 1977: Table VIII) <d>. Arabic (Naskh) (7th c. AD) → (Taylor 1883, Vol. I: 326); (modern) → (Macdonald 2008: 218) dāl <d>/d/. Macdonald 2008: 218) dāl <d>/d/.</d></d></d></d,></d></d></d></d></d></d>
SFG-18	<i>Arabic</i> (early) 5 (Macdonald 2008: 218); (Kufic) ▶ (Faulmann 1880: 98) <u>d</u> āl < <u>d</u> , dh> /ð/.
SFG-19	Arabic (African) ♦ (Fry 1799: 8) <d>; (Mauritanian) ← (Fry 1799: 6); (African) ∜ (Fry 1799: 8); (modern) ⅓ (Macdonald 2008: 218) <d>.</d></d>
SFG-20	Old Aramaic (Deir 'Allā, around 800 BC) ★ (Glass 2000: 14); (8th c. BC [Schniedewind 2006:140]) ★; (10th-8th c. BC) 禹, ȝ, ȝ, ȝ, (8th c. BC) 缹, (7th c. BC) ȝ, ȝ (Gibson 1975) hē <h>/h, ā/ (Segert 1997: 118). Imperial Aramaic (weights, seals and coins, 8th-3td c. BC) ⅙ (Lidzbarski 1910) hē <h>/h/.</h></h>

SFG	Features of taxa (graphemes of script variants)
SFG-21	Old Aramaic (8 th c. BC) ↑, ↑, (Gibson 1975); (Nineveh, 7 th c. BC) ↑, ↑ (Taylor 1883, Vol. I: 250); (7 th c. BC) ↑, ↑, ♠, ♠, ♠, ♠ (Gibson 1975) hē <h>/h, ħ/(Segert 1997: 118). Imperial Aramaic (weights, seals and coins, 8th-3rd c. BC) ↑, ↑ (Lidzbarski 1910); (satrapies, 5th-4th c. BC) ↑, ↑, (monuments, Egypt, 4th-3rd c. BC) ↑, ↑, (papyrus, Egypt, 2nd c. BC) ↑, ↑ (Taylor 1883, Vol. I: 250); (6th c. BC) ↑, ↑, ♠ (Gibson 1975); (inscriptions) ♠ (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (Elephantiné papyri, 6th c. BC) ↑ (Glass 2000: 14); (6th c. BC) ↑ (Schniedewind 2006:140); (4th c. BC) ↑, ♠ (Schniedewind 2006:140); (6th c. BC) ↑, (1st c. BC) ↑ (Schniedewind 2006: 140); (Aśoka, around 250 BC) ↑ (Glass 2000: 14); ↑ (MacKenzie 1971: xi); (Baktria) ↑, ↑, (Arachosia [Afghanistan & Pakistan]) ↑, ♠ (Ivantchik & Lurje 2013: 290) hē <h>/h/. Hebrew (Qumran Manuscripts, 1st c. BC) ♠; (Text of the Pentateuchus Masoret, 9th c. AD) ♠; hē <h>/h/.</h></h></h>
	Parthian (early, Nisa, 1st c. BC) ★ (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) ★ (MacKenzie 1971: xi); (inscriptional) ★ (Skjærvø 1996: 518) <h>. Nabataean (late) ★ (Macdonald 2008: 218) <h>. Middle Persian (inscriptional Pahlavi) ★ (Skjærvø 1996: 518); (coins, 4th–6th c. AD) ♣ (Taylor 1883, vol. II: 236) <h>.</h></h></h>
	Palmyrene ↑ (Harmatta, 2000: 181) <h>. Hatran (H 79, shortly before AD 240) ↑ (Beyer 1998: 10, 47–48) <h>. Syriac (Estrangela) ↑ $h\bar{e}$ <h>. Khwarazmian (Toprak-kala) ↑ (Vainberg 1977: Table VIII) <h>. Sogdian (Ancient Letters, early 4th c. AD) →, (sutra) ▶ (Skjærvø 1996: 519) <h h=""> /a, Ø/.</h></h></h></h></h>
SFG-22	Middle Persian (Psalter) (Bulayïq, 6 th −7 th c., a copy of an origin from the 4 th c. AD) 4 , (Book Pahlavi) 4 (Skjærvø 1996: 518) <h>. Armazian 7n (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <h>. Syriac (Nestorian) 5; hē <h>. Arabic (early) 2n (Macdonald 2008: 218); (Naskh) (7th c. AD) 8 (Taylor 1883, Vol. I: 326); (Kufic) 4 (Faulmann 1880: 98); (Mauritanian) 4n (Fry 1799: 6); (African) 8 (Fry 1799: 8); (modern) 4 (Macdonald 2008: 218) hā' <h>.</h></h></h></h>
SFG-23	Old Aramaic (Zinjîrlû inscriptions, late 9 th − 8 th c. BC) Ч (Jeffery 1961: 18, 24) (Deir 'Allā, around 800 BC) Ч (Glass 2000: 14); (8 th c. BC) Ч; (8 th c. BC) Ч, Ч (Gibson 1975); (Nineveh, 7 th c. BC) Ч (Taylor 1883, Vol. I: 250) wāw <w>/w, ū, au/ (Segert 1997: 117–118). Imperial Aramaic (Zinjîrlû [Zenjirli], 8th c. BC) Ч, (weights, seals and coins, 8th−3rd c. BC) Ч, У, (Tayma [Teimâ], 5th−4th c. BC) Ч, 7, 7, (cursive, Egypt, 5th−3rd c. BC) 7, I (Lidzbarski 1910); (satrapies, 5th−4th c. BC) 1, 1, (monuments, Egypt, 4th−3rd c. BC) 7, (papyrus, Egypt, 2nd c. BC) 1 (Taylor 1883, Vol. I: 250); (7th c. BC) Ч, Ч, Ч, Ч, Ч, (Gibson 1975); (Elephantiné papyri, 6th c. BC) ∪ (Glass 2000: 14); I; (6th c. BC) Ч, Ч, Ч, Ч, (5th/4th c. BC) Ч, Ч, Ч, Ч, П, I (Gibson 1975); (Aśoka, around 250 BC) ↑ (Glass 2000: 14); (Leather documents of satrap and royal prince Aršāma) 7, (Persepolis) 7, (Daskyleion) 7, (Kandahar) 1 (Rosenthal et al. 1986–2011: Table 3); 1 (MacKenzie 1971: xi) wāw <w>/u, ō, ū/.</w></w>
SFG-24	Hebrew (Qumran Manuscripts, 1st c. BC) 1, (Text of the Pentateuchus Masoret, 9th c. AD) 1 wāw <w>/w/. Parthian (early, Nisa, 1st c. BC) 1, (inscriptional) 7 (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD) 2 (MacKenzie 1971: xi) wāw <w>/u/, ō, ū/ (Häberl 2006: 57). Palmyrene ↑ (Harmatta, 2000: 181) <w>. Hatran (H 79, shortly before AD 240) 1 (Beyer 1998: 10, 47–48) <w>. Khwarazmian (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 1 (Ivantchik & Lurje 2013: 286–287); (Toprak-kala) 1 (Vainberg 1977: Table VIII) (waw) <w>. Sogdian (early, Kultobe, before 4th c. AD) 3 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c. AD) 9 (Skjærvø 1996: 519);</w></w></w></w></w>

SFG	Features of taxa (graphemes of script variants)
SFG-25	Middle Persian (inscriptions, 3 rd c. AD) 2 (MacKenzie 1971: xi); (Psalter) 4 (MacKenzie 1971: xi) wāw <w>/u̯, ō, ū/. Armazian ⟨ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <w>.</w></w>
SFG-26	Syriac (Estrangela) ♠; (Nestorian) ♠ waw <w>. Sogdian (sutra) ♠ (Skjærvø 1996: 519) wāw <w>/u̯, ō, ū/.</w></w>
SFG-27	Nabataean (late) 9 (Macdonald 2008: 218) <w>. Palmyrene ? (Harmatta, 2000: 181) <w>. Arabic (early) 9 (Macdonald 2008: 218); (Naskh) (7th c. AD) 9 (Taylor 1883, Vol. I: 326); (Kufic) 9 (Faulmann 1880: 98); (Mauritanian) 9 (Fry 1799: 6); (African) 9 (Fry 1799: 8); (modern) 9 (Macdonald 2008: 218) <w>.</w></w></w>
SFG-28	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) I , Z ; (8 th c. BC) I ; (Deir 'Allā, around 800 BC) 1 (Glass 2000: 14); (10 th −9 th c. BC) 1 , 2 , 3 , 4 , (8 th c. BC) 2 , I , 1 , 3 (Gibson 1975); (Nineveh, 7 th c. BC) 2 (Taylor 1883, Vol. I: 250) zayin <z>/z, d/ (Segert 1997: 117−118). Imperial Aramaic (7th c. BC) 1, 2 (Gibson 1975); (inscriptions) 2, 1 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (monumental) 2, 2, (Babylonian Bowls) †, † (Faulmann 1880: 79) zayin <z>/z/. Middle Persian (inscriptional) 5 (Skjærvø 1996: 518); (Psalter) 5 (MacKenzie 1971: xi) <z>/z/. Armazian ? (Cereteli 1948−1949 apud Róna-Tas 1987: 14) <z>.</z></z></z></z>
SFG-29	Imperial Aramaic (papyrus, Egypt, 2 nd c. BC) ↑ (Taylor 1883, Vol. I: 250) zayin <z>/z/. Hebrew (Text of the Pentateuchus Masoret, 9th c. AD) ↑; zayin <z>/z/. Khwarazmian (coins) ↑, ↑ (Vainberg 1977: Table VIII) <z>. Arabic (Mauritanian) ↑ (Fry 1799: 6); (African) ﴾ (Fry 1799: 8) <z>.</z></z></z></z>
SFG-30	Imperial Aramaic (Elephantiné papyri, 6 th c. BC) ∫ (Glass 2000: 14); (cursive, Egypt, 5 th –3 rd c. BC) ∫ (Lidzbarski 1910) zayin <z>/z/. Parthian (inscriptions, 3rd c. AD) ʹ (MacKenzie 1971: xi) zayin <z>/z, ž/ (Häberl 2006: 57). Khwarazmian (coins) ʹ (Vainberg 1977: Table VIII) <z>. Sogdian (early) (Kultobe, before 4th c. AD) ʹ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) ʹ (Harmatta 2004: 186); (sutra) ʹ (Skjærvø 1996: 519) zayin <z>/z/. Arabic (early) ʹ (Macdonald 2008: 218); (Kufic) ʹ (Faulmann 1880: 98); (Naskh) (7th c. AD) ʹ (Taylor 1883, Vol. I: 326); (modern) ʹ (Macdonald 2008: 218) <z>.</z></z></z></z></z>
SFG-31	Imperial Aramaic (satrapies, 5 th -4 th c. BC) I, (monuments, Egypt, 4 th -3 rd c. BC) I (Taylor 1883, Vol. I: 250); (cursive, Egypt, 5 th -3 rd c. BC) I (Lidzbarski 1910); (Assyrian and Egyptian papyri) I (Faulmann 1880: 79); I; (Aśoka, around 250 BC) I (Glass 2000: 14); I (MacKenzie 1971: xi) zayin <z>/z/. Hebrew (Qumran Manuscripts, 1st c. BC) I; zayin <z>/z/. Parthian (early, Nisa, 1st c. AD) I (Skjærvø 1996: 518); (inscriptional) I (Skjærvø 1996: 518) zayin <z>/z, ž/ (Häberl 2006: 57). Nabataean I (Faulmann 1880: 84) <z>. Palmyrene I (Faulmann 1880: 84) <z>. Hatran (H 79, shortly before AD 240) I (Beyer 1998: 10, 47–48) <z>. Syriac (Estrangela) I; (Nestorian) I zayn/zain <z>/z/. Sogdian (early) (Kultobe, before 4th c. AD) I (Sims-Williams & Grenet 2006: colour illustrations without page numbering) zayin <z>/z/.</z></z></z></z></z></z></z></z>

SFG	Features of taxa (graphemes of script variants)
SFG-32	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) Ħ, ℍ; (8 th c. BC) 刊; (Deir 'Allā, around 800 BC) ℍ (Glass 2000: 14); (Nineveh, 7 th c. BC) Ϥ, ℍ (Taylor 1883, Vol. I: 250) ḥēṯ <ḥ>/ħ/. Imperial Aramaic (satrapies, 5 th —4 th c. BC) ℍ, (monuments, Egypt, 4 th —3 rd c. BC) ℍ, (papyrus, Egypt, 2 nd c. BC) ℋ, ℋ (Taylor 1883, Vol. I: 250); (papiruszok) ℍ (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭħī); (Elephantiné papyri, 6 th c. BC) 卅 (Glass 2000: 14); ℋ (MacKenzie 1971: xi); (Aśoka, around 250 BC) 卅 (Glass 2000: 14) ḥēṯ <ḥ>/ħ/. Parthian (early, Nisa, 1 st c. BC) ℍ (Skjærvø 1996: 518); (Avroman [Iran], 13/12 BC) Ϫ, ᠕ (Minns 1915: 62; Ivantchik & Lurje 2013: 286–287); ḥēţ <ḥ>/ħ, χ/.
SFG-33	Parthian (inscriptional) \(\mathbb{A}\) (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) \(\mathbb{A}\) (MacKenzie 1971: xi) \(\halpha\bar{e}t\) <\\hathbb{h}\) /\(\hathbb{h}\), \(\chi/\). Middle Persian (Pre-Sasanian) (2 nd -1 st c. BC) \(\mathbb{C}\) (Skjærvø 1997: 100); (Psalter) (Bulayïq, 6 th -7 th c., a copy of an origin from the 4 th c. AD) \(\mathbb{A}\), (Early Cursive Pahlavi) \(\mathbb{L}\), (Book Pahlavi) \(\mathbb{A}\) (Skjærvø 1996: 518); (Psalter) \(\mathbb{M}\) (MacKenzie 1971: xi) \(\hathbb{h}\bar{e}t\) <\\hathbb{h}\) /\(\hathbb{h}\), \(\hathbb{L}\) (Beyer 1971: xi) \(\hathbb{h}\bar{e}t\) <\\\hathbb{h}\), \(\hathbb{h}\), \(\hathbb{h}\), \(\hathbb{h}\). Palmyrene \(\mathbb{N}\); \(\hathbb{h}\bar{e}t\) <\\\hathbb{h}\). Hatran (H 79, shortly before AD 240) \(\mathbb{N}\) (Beyer 1998: 10, 47–48) <\\\hathbb{h}\). Syriac (Estrangela) \(\mathbb{M}\); (Nestorian) \(\mathbb{M}\) \(\hathbb{h}\bar{e}t\) <\\\hathbb{h}\). Sogdian (Ancient Letters, early 4 th c. AD) \(\mathbb{M}\), \(\mathbb{N}\), (sutra) \(\mathbb{L}\), \(\pi\) (Skjærvø 1996: 519) \(\hathbb{h}\bar{e}t\) <\\\hathbb{h}\) (Skjærvø 1996: 519, cf. Sims-Williams 1989: 176, Table 1).
SFG-34	Imperial Aramaic (inscriptions) N , N , Λ , (papiruszok) Λ , 7 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī) hēṭ <ḥ>/ħ/. Hebrew (Qumran Manuscripts, 1st c. BC) N , (Text of the Pentateuchus Masoret, 9th c. AD) N ; hēṭ <ḥ>/ħ, χ/. Nabataean ¬¬, ¬¬, ¬¬, ¬ḥ, hēṭ <ḥ>/ħ/. Middle Persian (inscriptional) ¬ (Skjærvø 1996: 518) hēṭ <ḥ>/h, χ/. Armazian ¬¬ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <ḥ>. Khwarazmian (coins) ¬¬ (Vainberg 1977: Table VIII) <ḥ>.
SFG-35	<i>Nabataean (late)</i> → (Macdonald 2008: 218) <i>ḥēṯ</i> <ḥ> /ħ/. <i>Arabic</i> (early) → (Macdonald 2008: 218); (Mauritanian) → (Fry 1799: 6) <ḥ> /ħ/.
SFG-36	Parthian (inscriptions, 3 rd c. AD) (MacKenzie 1971: xi) ḥēt <ḥ>/h, χ/. Arabic (Naskh) (7 th c. AD) (Taylor 1883, Vol. I: 326); (Kufic) (Faulmann 1880: 98); (African) (Fry 1799: 8); (modern) (Macdonald 2008: 218) ḥā'/kha <ḥ>/ħ/.
SFG-37	Arabic (Kufic) \rightleftharpoons (Faulmann 1880: 98) $h\bar{a}'/kha < h > /x/$.
SFG-38	Arabic (African) ≯ (Fry 1799: 8); (modern) ▲ (Macdonald 2008: 218) ½ //kha <
SFG-39	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) Ø, Ø; (8 th c. BC) Ø; (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) Ø; (7 th c. BC) Ø, Ø, Ø (Gibson 1975) tēt <t>/t^c/s. Imperial Aramaic (papyrus, Egypt, 2nd c. BC) Ø (Taylor 1883, Vol. I: 250); (7th c. BC) Ø (Gibson 1975); Ø, Ø (MacKenzie 1971: xi) tēt <t>/t^c/s. Hebrew (Qumran Manuscripts, 1st c. BC) Ø, tēt <t>/t^c/s.</t></t></t>
SFG-40	Syriac (Estrangela) \downarrow ; (Nestorian) \checkmark $t\bar{e}\underline{t} < t > /t^{\varsigma}/.$
SFG-41	Parthian (inscriptional) ↑ (Rosenthal et al. 1986–2011: Table 3); ★ (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) ↑ (MacKenzie 1971: xi) tēt <t> (There was no Parthian tēt [Skjærvø, Prods Oktor: Personal communication in e-mail, 8 July 2018]). Nabataean ► (Nyberg 1964) tēt <t> /t^c/.</t></t>

D (MacKenzie 1971: xi) tite < Pc / Pc / Hebrew (Text of the Pentateuchus Masoret, 9th c. AD)	SFG	Features of taxa (graphemes of script variants)
Hebrew (Text of the Pentateuchus Masoret, 9th c. AD) \(\tilde{\pi} \) \(\tilde	SFG-42	
Parthian (early, Nisa, 1 * C. BC)		
(There was no Parthian fēt. [Skjærvø, Prods Oktor: Personal communication in e-mail, 8 July 2018]). Nabataeam & (Garbini 1979, Fig. 7); ♥ (Nyberg 1964); (late) ₺ (Macdonald 2008: 218) fēt < ▷ Å'. Middle Persian (inscriptional) ↑ (Skjærvø 1996: 518) fēt < ▷ Å'. Hatran (H 79, shortly before AD 240) ጭ (Beyer 1998: 10, 47–48) < ▷. Armazian G (Cereteli 1948-1949 apud Róna-Tas 1987: 14) < ▷. Arabic (early) 6 (Macdonald 2008: 218); (Naskh) (7º c. AD) & (Taylor 1883, Vol. I: 326); (Kufic) ▶ (Faulmann 1880: 98); (Mauritanian) ← (Fry 1799: 6); (African) ⋪ (Fry 1799: 8); (modern) ₺ (Macdonald 2008: 218) åt /¼ < ▷. SFG-43 Arabic (early) 6 (Macdonald 2008: 218); (Kufic) ▶ (Faulmann 1880: 98) ‡ā /‡a < ▷ ₹² /² a < ▷ ₹² , ð', ð']. SFG-44 Arabic (Mauritanian) ← (Fry 1799: 6); (African) ⋪ (Fry 1799: 8); (modern) ₺ (Macdonald 2008: 218) †ā /² a < ▷ ₹² , ð', ð']. SFG-45 Old Aramaic (® E. B.C) ‡; (Nineveh, 7th. c. B.C) ‡, ♠ (Taylor 1883, Vol. I: 250) †ð < y> /y, ī, ai/ (Segert 1997: 118) [j]. Imperial Aramaic (Satrapies, 5th. 4th. 6th. c. B.C) ‡, ♠, (5th. 4th. 6th. c. B.C) Å, (7th. c.		
Nabataean b (Garbini 1979, Fig. 7); ♥ (Nyberg 1964); (late) ⊅ (Macdonald 2008: 218) tēt <> têt /. Middle Persiam (inscriptional) ₹ (Skjærvo 1996: 518) tēt << table Palmyrene € (Nyberg 1964) tēt <> têt /. Palmyrene € (Nyberg 1964) tēt << table > tet /. Palmyrene € (Nyberg 1964) tēt << table > tet /. Palmyrene € (Nyberg 1964) tēt << table > tet /. Palmyrene € (Nyberg 1964) tēt << table > tet /. Palman 1880: 98); (Mauritanian) △ (Fry 1799: 6); (African) ◑ (Fry 1799: 8); (modern) ₺ (Macdonald 2008: 218) tāt // tet SFG-43 Arabic (Cartly) 6 (Macdonald 2008: 218); (Kufic) ┕ (Faulmann 1880: 98) zā // za <> [z², ō², ō²]. SFG-44 Arabic (Mauritanian) △ (Fry 1799: 6); (African) ㉑ (Fry 1799: 8); (modern) ₺ (Macdonald 2008: 218) zā // za <> [z², ō², ō²]. SFG-45 Old Aramaic (8th c. BC) ₺; (Nineveh, 7th c. BC) ₺, Д (Taylor 1883, Vol. I: 250) yūd <y> /y, ī, ai/ (Segert 1997: 118) [j]. Imperial Aramaic (satrapies, 5th -4th c. BC) ₺, Д, (papyrus, Egypt, 2th c. BC) ₺ (Taylor 1883, Vol. I: 250); (monumental) ₺, 1, (Assyrian and Egyptian papyri) ₺ (Faulmann 1880: 79); (Leather documents of satrap and royal prince Aršama) ₺, (Persepoils) ♠ (Rosenthal et al. 1986-2011: Table 3); (satrapies and Egypt, 4th -3th C. Palmyren between the tet of tet of the tet of t</y>		
Middle Persian (inscriptional) € (Skjærve) 1996; 518) jēz Palmyrene & (Nyberg 1964) jēz <p th="" ½="" √="" √<=""><th></th><th></th></p>		
Palmyrene b (Nyberg 1964)		
Hatram (H 79, shortly before AD 240) 6 (Beyer 1998: 10, 47–48) < \(\sigma_{Armazian} \) 6 (Ceretcli 1948–1949 apud Róna-Tas 1987: 14) < \(\sigma_{Arabic} \) (early) 6 (Macdonald 2008: 218); (Naskh) (7 th c. AD) 6 (Taylor 1883, Vol. 1: 326); (Kufic) \(\sigma_{Arabic} \) (early) 6 (Macdonald 2008: 218); (Naskh) (7 th c. AD) 6 (Taylor 1883, Vol. 1: 326); (Kufic) \(\sigma_{Arabic} \) (early) 6 (Macdonald 2008: 218); (Kufic) \(\sigma_{Arabic} \) (Fry 1799: 8); (modern) 6 (Macdonald 2008: 218); (Kufic) \(\sigma_{Arabic} \) (Fry 1799: 8); (modern) 7 (Macdonald 2008: 218); (Kufic) \(\sigma_{Arabic} \) (Macdonald 2008: 218); (Kufic) \(\sigma_{Arabic} \) (Fry 1799: 8); (modern) 8 (Macdonald 2008: 218); (Fry 1799: 8); (modern) 8 (Macdonald 2008: 218); (Macdona		
Armazian 6 (Ceretali 1948—1949 apud Rôna-Tas 1987: 14) <> Arabic (early) 6 (Macdonald 2008: 218); (Naskh) (7th c. AD) Δ (Taylor 1883, Vol. I: 326); (Kufic)		
Arabic (early) 6 (Macdonald 2008: 218); (Naskh) (7th c. AD) 6 (Taylor 1883, Vol. 1: 326); (Kufic)		
(Macdonald 2008: 218) tā '/ta ⟨>. SFG-43 Arabic (early) & (Macdonald 2008: 218); (Kufic) ▶ (Faulmann 1880: 98) zā '/za ⟨> [ɛ², ð², ð², ð²]. SFG-44 Arabic (Mauritanian) ♣ (Fry 1799: 6); (African) ð (Fry 1799: 8); (modern) ₺ (Macdonald 2008: 218) zā '/za ⟨> [z², ð², ð²]. SFG-45 Old Aramaic (8th c. BC) ½; (Nineveh, 7th c. BC) ¼, Ղ (Taylor 1883, Vol. I: 250) yōd ⟨y> /y, ĩ, ai/ (Segert 1997: 118) [j]. Imperial Aramaic (satrapies, 5th 4th c. BC) ¼, ¼, (papyrus, Egypt, 2th C. BC) ¼ (Taylor 1883, Vol. I: 250); (7th c. BC) ¾, ¾, ¼, (6th c. BC) ¾, ¾, ¼, (5th 4th c. BC) ¼, ¼, ½ (Gibson 1975); (monumental) ½, ¼, (Assyrian and Egyptian papyri) Å (Faulmann 1880: 79); (Leather documents of satrap and royal prince Aršāma) Å, (Persepolis) Å (Rosenthal et al. 1986-2011: Table 3); (satrapies and Egypt, 4th 3th 2th 2th 219) yōd ⟨y> /y, ĭ. Imperial Aramaic (monuments, Egypt, 4th 3th 2th 2th 219) yōd ⟨y> /y, ĭ. Imperial Aramaic (monuments, Egypt, 4th 3th 2th 2th 219) yōd ⟨y> /y, ĭ. Imperial Aramaic (monuments, Egypt, 4th 3th 2th 2th 2th 2th 2th 2th 2th 2th 2th 2		
SFG-43 Arabic (early) & (Macdonald 2008: 218); (Kufic)		
SFG-44 Arabic (Mauritanian)		
SFG-45 Old Aramaic (8th c. BC) 2; (Nineveh, 7th c. BC) 1,		
1997: 118) [j]. Imperial Aramaic (satrapies, 5th_4th c. BC) 1, λ, (papyrus, Egypt, 2nd c. BC) λ (Taylor 1883, Vol. I: 250); (7th c. BC) 1, Λ,	SFG-44	
Imperial Aramaic (satrapies, 5th-4th c. BC) 1, \(1, \) (papyrus, Egypt, 2nd c. BC) \(1, \) (Taylor 1883, Vol. I: 250); (7th c. BC) \(1, \) \(1, \) \(1, \) \(6th c. BC) \(1, \) \(1, \) \(1, \) (Gibson 1975); (monumental) \(7, \) (Assyrian and Egyptian papyri) \(1, \) (Faulmann 1880: 79); (Leather documents of satrap and royal prince Aršāma) \(1, \) (Persepolis) \(1, \) (Rosenthal et al. 1986–2011: Table 3); (satrapies and Egypt, 4th-3rd BC) \(1, \) (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) \(6 \) (Glass 2000: 14); (Baktria) \(4, \) (Ivantchik & Lurje 2013: 290) \(y\overline{o} d \sigma p \) (MacKenzie 1971: xi); (Aśoka, around 250 BC) \(6 \) (Glass 2000: 14); (Baktria) \(4, \) (Ivantchik & Lurje 2013: 290) \(y\overline{o} d \sigma p \) \(4, \) (Faulmann 1880: 79); \(4 \) (MacKenzie 1971: xi); (Aśoka, around 250 BC) \(6 \) (Glass 2000: 14); (Baktria) \(4, \) (Arachosia [Afghanistan & Pakistan]) \(4, \) \(4, \) (Ivantchik & Lurje 2013: 290) \(y\overline{o} d \sigma p \) \(7, \) \(7, \) Hebrew (Qumran Manuscripts, 1st c. BC) \(4, \) (Text of the Pentateuchus Masoret, 9th c. AD) \(7, \) \(7, \) (Ivantchik & Lurje 2013: 290); (inscriptional) \(7, \) (Skjærvø 1996: 518); \(1, \) (Nisa) \(7, \) \(4, \) (Aroman, 13/12 BC) \(7, \) \(4, \) (Ivantchik & Lurje 2013: 290); (inscriptional) \(2, \) (Skjærvø 1996: 518); \(1, \) (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3td c. AD) \(1, \) (MacKenzie 1971: xi) \(y\overline{o} d \sigma y \) \(7, \) \(7, \) \(1, \) (Ivantchik & Lurje 2013: 290); \(1, \) (Book Pahlavi) \(2, \) (Skjærvø 1996: 518); (inscriptions, 3td c. AD) \(2, \) (MacKenzie 1971: xi) \(y\overline{o} d \sigma y \) \(7, \) \(7, \) \(1, \) \(1, \) Arabic (etterline 1948–1949 apud Róna-Tas 1987: 14) \(4y \> \) (MacKenzie 1971: xi) \(y\overline d \) \(1, \) (Nackenzie 1971: xi) \(y\overline d \) (Nackenzie 1971: xi) \(y\overline d \) (Nackenzie 1971: xi) \(y\overline d \) \(1, \) (Nackenzie 1971: xi) \(y\overline d \) (Nackenzie 1971	SFG-45	
(monumental) ₹, 1, (Assyrian and Egyptian papyri) ★ (Faulmann 1880: 79); (Leather documents of satrap and royal prince Aršāma) ★, (Persepolis) ★ (Rosenthal et al. 1986–2011: <i>Table 3</i>); (satrapies and Egypt, 4 th –3 rd BC) 1 (Taylor 1883, Vol. II: 236); (Ašoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) ♣, ♠ (Ivantchik & Lurje 2013: 290) yōd <y> /y, 7/. SFG-46 Imperial Aramaic (monuments, Egypt, 4th–3rd c. BC) ♠, (papyrus, Egypt, 2nd c. BC) ♠ (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) ♠ (Faulmann 1880: 79); ♠ (MacKenzie 1971: xi); (Ašoka, around 250 BC) ♠ (Glass 2000: 14); (Baktria) ♠, (Arachosia [Afghanistan & Pakistan]) ♠, ♠ (Ivantchik & Lurje 2013: 290) yōd <y> /y, 7/. Hebrew (Qumran Manuscripts, 1st c. BC) ♠ (Text of the Pentateuchus Masoret, 9th c. AD) ♠ yōd <y> /y/. Parthian (early) (Nisa, 1st c. BC) ♠ (Skjærvø 1996: 518); (Nisa) ♠, ♠ (Avroman, 13/12 BC) ♠, ♠ (Ivantchik & Lurje 2013: 290); (inscriptional) ₱ (Skjærvø 1996: 518); ↑ (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD) ↑ (MacKenzie 1971: xi) yōd <y> /y, ♠, ħ/. Middle Persian (inscriptional) ₱, (Psalter) (Bulayiq, 6th–7th c., a copy of an origin from the 4th c. AD) ₱, ♠ (Early Cursive Pahlavi) ₱, (Book Pahlavi) ₱, (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) ₱ (MacKenzie 1971: xi); (Book Pahlavi) ₱, (MacKenzie 1971: xi) yōd <y> /y, ♠, ħ/. Palmyrene ↑, 0 (Harmatta, 2000: 181); (Palmyra, 2^{md} c. AD) ↑ (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) ₱; (Nestorian) ₱ yūd/yodh <y>. Armazian ↑ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <y>. Sogdian (sutra) ♠, ♠ (Skjærvø 1996: 519) yōd <y> /y, ♠, ħ/. Arabic (early) ₱ (Macdonald 2008: 218) <y>. Hatran (H 79, shortly before AD 240) ♣ (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) ♣ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) ♣ (Skjærvø 1996: 519) yōd <y> /y, ♠, ħ/. Arabic (Kufic) ★ (Faulmann 1880: 98); (African) ✔ (Fry 179</y></y></y></y></y></y></y></y></y></y></y></y>		
of satrap and royal prince Aršāma) ♠, (Persepolis) ♠ (Rosenthal et al. 1986–2011: Table 3); (satrapies and Egypt, 4th-3rd BC) † (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) ♠, ♠ (Ivantchik & Lurje 2013: 290) yōd ⟨xy⟩/y, Ţ/. SFG-46 Imperial Aramaic (monuments, Egypt, 4th-3rd c. BC) ♠, (papyrus, Egypt, 2nd c. BC) ♠ (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) ♠ (Faulmann 1880: 79); ♠ (MacKenzie 1971: xi); (Aśoka, around 250 BC) ♠ (Glass 2000: 14); (Baktria) ♠, (Arachosia [Afghanistan & Pakistan]) ♠, ♠, (Ivantchik & Lurje 2013: 290) yōd ⟨xy> /y, ₹/. Hebrew (Qumran Manuscripts, 1st c. BC) ♠, (Text of the Pentateuchus Masoret, 9th c. AD) ♠ yōd ⟨y> /y/. Parthian (early) (Nisa, 1st c. BC) ♠ (Skjærvø 1996: 518); (Nisa) ♠, ♠, (Avroman, 13/12 BC) ♠, ♠, (Ivantchik & Lurje 2013: 290); (inscriptional) ✔ (Skjærvø 1996: 518); ♠, (Avroman, 13/12 BC) ♠, ♠, (Ivantchik & Lurje 2013: 290); (inscriptional) ✔ (MacKenzie 1971: xi) yōd ⟨y> /y, ₱, ₱, ₱/. Middle Persian (inscriptional) ♠, (Balayïq, 6th-7th c., a copy of an origin from the 4th c. AD) ♠, (Early Cursive Pahlavi) ♠, (Book Pahlavi) ♠, 10, 10, 11; xi) yōd ⟨y> /y, ₱, ₱, ₱/. AD) ♠ (MacKenzie 1971: xi); (Book Pahlavi) ♠, 10, 10, 11; xi) yōd ⟨y> /y, ₱, ₱, ₱/. Armazian → (Cereteli 1948–1949 apud Róna-Tas 1987: 14) ⟨y>. Armazian → (Cereteli 1948–1949 apud Róna-Tas 1987: 14) ⟨y>. Khwarazmian (Toprak-kala) ₱ (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th-2nd c. BC) ♠ (Ivantchik & Lurje 2013: 286–287) yodh ⟨y>. Sogdian (sutra) ♠, ♠ (Skjærvø 1996: 519) yōd ⟨y> /y, ₱, ₱, ₱/. Arabic (early) ₱ (Macdonald 2008: 218) yā /ye ⟨y, ¬₱ [j, i·]. SFG-47 Nabataean (late) ₱ (Macdonald 2008: 218) yā /ye ⟨y, ¬₱ [j, i·]. SFG-48 Arabic (Naskh) (7th c. AD) ₱ (Taylor 1883, Vol. I: 326); (Mauritanian) ♠ (Fry 1799: 6); (modern) ₱		
(satrapies and Egypt, 4th—3rd BC) 1 (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) 4, 4 (Ivantchik & Lurje 2013: 290) yōd <y>/y, 7/. SFG-46 Imperial Aramaic (monuments, Egypt, 4th—3rd c. BC) 1, 1, (papyrus, Egypt, 2nd c. BC) 3 (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) 7 (Faulmann 1880: 79); 4 (MacKenzie 1971: xi); (Aśoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) 4, (Arachosia [Afghanistan & Pakistan]) 1, 1, 1, (Ivantchik & Lurje 2013: 290) yōd <y>/y, 7/. Hebrew (Qumran Manuscripts, 1st c. BC) 1, (Text of the Pentateuchus Masoret, 9th c. AD) 1 yōd <y>/y/. Parthian (early) (Nisa, 1st c. BC) 1, (Skjærvø 1996: 518); (Nisa) 1, 1, (Avroman, 13/12 BC) 1, 1, (Ivantchik & Lurje 2013: 290); (inscriptional) 1, (Skjærvø 1996: 518); (Ikosenthal et al. 1986—2011: Table 3); (inscriptions, 3rd c. AD) 1, (MacKenzie 1971: xi) yōd <y>/y, 5, 7/. Middle Persian (inscriptional) 2, (Psalter) (Bulayīq, 6th—7th c., a copy of an origin from the 4th c. AD) 2, (Early Cursive Pahlavi) 2, (Book Pahlavi) 3, (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) 2 (MacKenzie 1971: xi); (Book Pahlavi) 3, (MacKenzie 1971: xi) yōd <y>/y, 5, 7/. Palmyrene 1, 2 (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) 3 (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) 2; (Nestorian) 3, (Palmyra, 2nd c. AD) 3 (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) 3; (Nestorian) 3, (Palmyra, 2nd c. AD) 3, (Taylor 1883, Vol. II: 236) yōd <y>. Sogdian (sutra) 4, 4th—2nd c. BC) (vantchik & Lurje 2013: 286–287) yodh <y>. Sogdian (sutra) 4, (Skjærvø 1996: 519) yōd <y>/y, 5, 7/. Arabic (early) J (Macdonald 2008: 218) ya>. Hatran (H 79, shortly before AD 240) 5 (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) 5 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) 4 (Skjærvø 1996: 519) yōd <y>/y, 5, 7/. Arabic (Kultobe, before AD 240) 5 (Gryalora) 5 (Fry 1799: 8) yā' <y, 7=""> [j, i].</y,></y></y></y></y></y></y></y></y></y></y></y></y>		
SFG-46 Imperial Aramaic (monuments, Egypt, 4 th –3 rd c. BC) 1, 1, (papyrus, Egypt, 2 nd c. BC) 1 (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) 1 (Faulmann 1880: 79); 1 (MacKenzie 1971: xi); (Aśoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) 1, (Arachosia [Afghanistan & Pakistan]) 1, 1, 1 (Ivantchik & Lurje 2013: 290) yōd ⟨y> /y, ȳ, ȳ, ȳ. Hebrew (Qumran Manuscripts, 1st c. BC) 1 (Text of the Pentateuchus Masoret, 9th c. AD) 1 yōd ⟨y> /y/, Parthian (early) (Nisa, 1st c. BC) 2 (Skjærvø 1996: 518); (Nisa) 1, 1, 1 (Ivantchik & Lurje 2013: 290); (inscriptional) 2 (Skjærvø 1996: 518); (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3 rd c. AD) 1 (MacKenzie 1971: xi) yōd ⟨y> /y, t̄, t̄/. Middle Persian (inscriptional) 2, (Psalter) (Bulayïq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) 2, (Early Cursive Pahlavi) 2, (Book Pahlavi) 3 (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) 2 (MacKenzie 1971: xi); (Book Pahlavi) 3 (MacKenzie 1971: xi) yōd ⟨y> /y, t̄, t̄, ȳ. Palmyrene 2, 2 (Harmatta, 2000: 181); (Palmyra, 2 rd c. AD) 3 (Taylor 1883, Vol. II: 236) yōd ⟨y> . Syriac (Estrangela) 1; (Nestorian) 2 ȳ ȳd/yodh ⟨y> . Armazian 2 (Cereteli 1948–1949 apud Rôna-Tas 1987: 14) ⟨y> . Khwarazmian (Toprak-kala) 1 (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4 th –2 rd c. BC) 1 (Ivantchik & Lurje 2013: 286–287) yodh ⟨y> . Sogdian (sutra) 4 . \$ (Skjærvø 1996: 519) yōd ⟨y> /y, t̄, t̄. Arabic (early) 1 (Macdonald 2008: 218) ⟨y> . Hatran (H 79, shortly before AD 240) \$ (Beyer 1998: 10, 47–48) ⟨y> . Sogdian (early, Kultobe, before 4th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) \$ (Skjærvø 1996: 519) yōd ⟨y> /y, t̄, t̄. Arabic (Kufic) \$ (Faulmann 1880: 98); (African) 5 (Fry 1799: 8) yā' ⟨y, t̄> [t̄, t̄]. SFG-48 Arabic (Naskh) (7th c. AD) 2 (Taylor 1883, Vol. I: 326); (Mauritanian) \$ (Fry 1799: 6); (modern) \$ (Fry 1799: 6); (modern) \$ (Fry 1799: 6); (modern) \$ (Fry 1799: 6); (
Vol. I: 250); (Assyrian and Egyptian papyri)		
(Aśoka, around 250 BC) 6 (Glass 2000: 14); (Baktria) 1, (Arachosia [Afghanistan & Pakistan]) 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	SFG-46	
1, 1,		
Hebrew (Qumran Manuscripts, 1st c. BC) ♠, (Text of the Pentateuchus Masoret, 9th c. AD) ♠ yōd <y>/y/. Parthian (early) (Nisa, 1st c. BC) ♠ (Skjærvø 1996: 518); (Nisa) ♠, ♠, (Avroman, 13/12 BC) ♠, ♠ (Ivantchik & Lurje 2013: 290); (inscriptional) ✔ (Skjærvø 1996: 518); ♠ (Rosenthal et al. 1986—2011: Table 3); (inscriptions, 3rd c. AD) ✔ (MacKenzie 1971: xi) yōd <y>/y, ♠, ♠, ¼ Middle Persian (inscriptional) ♠, (Psalter) (Bulayīq, 6th -7th c., a copy of an origin from the 4th c. AD) ♣, — ♠, (Early Cursive Pahlavi) ♠, (Book Pahlavi) ♣, ♠, (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) ♠ (MacKenzie 1971: xi); (Book Pahlavi) ♣, (MacKenzie 1971: xi) yōd <y>/y, ♠, ♠, ¾ Palmyrene ♠, ♠, (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) ♠ (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) ♠; (Nestorian) ♣ yūd/yodh <y>. Armazian ♠ (Cereteli 1948-1949 apud Róna-Tas 1987: 14) <y>. Khwarazmian (Toprak-kala) ✔ (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th -2nd c. BC) ♠ (Ivantchik & Lurje 2013: 286-287) yodh <y>. Sogdian (sutra) ♣, ♠ (Skjærvø 1996: 519) yōd <y>/y, ♠, ↑/. Arabic (early) ✔ (Macdonald 2008: 218) yā'/ye <y, ↑=""> [j, i:]. SFG-47 Nabataean (late) ✔ (Macdonald 2008: 218) yō/ (Seyer 1998: 10, 47-48) <y>. Sogdian (early, Kultobe, before AD 240) ♠ (Beyer 1998: 10, 47-48) <y>. Sogdian (early, Kultobe, before AD 240) ♠ (Sems-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) ♣ (Skjærvø 1996: 519) yōd <y>/y, ♠, ↑/. Arabic (Kufic) ★ (Faulmann 1880: 98); (African) ✔ (Fry 1799: 8) yā' <y, ↑=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) ✔ (Taylor 1883, Vol. I: 326); (Mauritanian) ♠ (Fry 1799: 6); (modern) ♣</y,></y></y></y></y,></y></y></y></y></y></y></y></y>		
Parthian (early) (Nisa, 1st c. BC)) (Skjærvø 1996: 518); (Nisa)), 1, 1, (Avroman, 13/12 BC)), 1, 1 (Ivantchik & Lurje 2013: 290); (inscriptional)) (Skjærvø 1996: 518); (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3rd c. AD)) (MacKenzie 1971: xi) yōd <y>/y, ē, ī/. Middle Persian (inscriptional)), (Psalter) (Bulayīq, 6th-7th c., a copy of an origin from the 4th c. AD)), (Early Cursive Pahlavi)), (Book Pahlavi) , 1, 3 (Skjærvø 1996: 518); (inscriptions, 3rd c. AD)) (MacKenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi) yōd <y>/y, ē, ĭ, j/. Palmyrene), (Backenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi) yōd <y>/y, ē, ĭ, j/. Palmyrene), (Backenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi) yōd <y>/y, ē, ĭ, j/. Palmyrene), (Backenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi) yōd <y>/y, ē, ĭ, j/. Palmyrene), (Backenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi) yōd <y>/y, ē, ĭ, j/. Palmyrene), (Backenzie 1971: xi); (Book Pahlavi)), (Backenzie 1971: xi); (Backenzie 1971: xi);</y></y></y></y></y></y>		
2011: Table 3); (inscriptions, 3 rd c. AD) J (MacKenzie 1971: xi) yōd ⟨y> /y, ĕ, Ĭ/. Middle Persian (inscriptional) 2, (Psalter) (Bulayïq, 6 th −7 th c., a copy of an origin from the 4 th c. AD) 2, J, (Early Cursive Pahlavi) 2, (Book Pahlavi) 3, J, J (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) 2 (MacKenzie 1971: xi); (Book Pahlavi) 3 (MacKenzie 1971: xi) yōd ⟨y> /y, ĕ, Ĭ, J/. Palmyrene), J (Harmatta, 2000: 181); (Palmyra, 2 nd c. AD) J (Taylor 1883, Vol. II: 236) yōd ⟨y>. Syriac (Estrangela) 3; (Nestorian) 3 yūd/yodh ⟨y>. Armazian) (Cereteli 1948–1949 apud Róna-Tas 1987: 14) ⟨y>. Khwarazmian (Toprak-kala) J (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4 th −2 nd c. BC) (Ivantchik & Lurje 2013: 286–287) yodh ⟨y>. Sogdian (sutra) 3, S(Skjærvø 1996: 519) yōd ⟨y> /y, ē, Ī/. Arabic (early) J (Macdonald 2008: 218) yā'/ye ⟨y, Ī> [j, i:]. SFG-47 Nabataean (late) J (Macdonald 2008: 218) ⟨y>. Hatran (H 79, shortly before AD 240) S (Beyer 1998: 10, 47–48) ⟨y>. Sogdian (early, Kultobe, before 4 th c. AD) S (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4 th c. AD) S (Skjærvø 1996: 519) yōd ⟨y> /y, ē, Ī/. Arabic (Kufīc) S (Faulmann 1880: 98); (African) J (Fry 1799: 8) yā' ⟨y, ¬Þ [j, i:]. SFG-48 Arabic (Naskh) (7 th c. AD) J (Taylor 1883, Vol. I: 326); (Mauritanian) A (Fry 1799: 6); (modern) J		
Middle Persian (inscriptional) 2, (Psalter) (Bulayïq, 6 th -7 th c., a copy of an origin from the 4 th c. AD) 2, J, (Early Cursive Pahlavi) 2, (Book Pahlavi) 2, (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) 2 (MacKenzie 1971: xi); (Book Pahlavi) 3 (MacKenzie 1971: xi) yōd <y>/y, ĕ, ĭ, j/. Palmyrene 7, 2 (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) 3 (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) 3; (Nestorian) 3 yūd/yodh <y>. Armazian 3 (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <y>. Khwarazmian (Toprak-kala) 1 (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th-2nd c. BC) 4 (Ivantchik & Lurje 2013: 286–287) yodh <y>. Sogdian (sutra) 3, 4 (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (early) 1 (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) 1 (Macdonald 2008: 218) <y>. Sogdian (early, Kultobe, before AD 240) 5 (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) 5 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) 5 (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (Kufic) 5 (Faulmann 1880: 98); (African) 5 (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) 1 (Taylor 1883, Vol. I: 326); (Mauritanian) 4 (Fry 1799: 6); (modern) 1</y,></y></y></y></y,></y></y></y></y></y></y>		
J, (Early Cursive Pahlavi) J, (Book Pahlavi) J, (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) J (MacKenzie 1971: xi); (Book Pahlavi) J (MacKenzie 1971: xi) yōd <y>/y, ĕ, ĭ, j/. Palmyrene J, J (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) J (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) J; (Nestorian) J yūd/yodh <y>. Armazian J (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <y>. Khwarazmian (Toprak-kala) J (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th−2nd c. BC) (Ivantchik & Lurje 2013: 286–287) yodh <y>. Sogdian (sutra) J, (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (early) J (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) J (Macdonald 2008: 218) <y>. Hatran (H 79, shortly before AD 240) S (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) S (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) S (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) S (Faulmann 1880: 98); (African) S (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) J (Taylor 1883, Vol. I: 326); (Mauritanian) A (Fry 1799: 6); (modern) J</y,></y></y></y></y,></y></y></y></y></y></y>		
AD) ② (MacKenzie 1971: xi); (Book Pahlavi) ③ (MacKenzie 1971: xi) yōd <y>/y, ĕ, ĭ, j/. Palmyrene 〉, ℑ (Harmatta, 2000: 181); (Palmyra, 2nd c. AD) ℑ (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) ⑤; (Nestorian) → yūd/yodh <y>. Armazian ℑ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <y>. Khwarazmian (Toprak-kala) ◑ (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th-2nd c. BC) ◑ (Ivantchik & Lurje 2013: 286–287) yodh <y>. Sogdian (sutra) →, ◑ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (early) Ј (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) Ј (Macdonald 2008: 218) <y>. Hatran (H 79, shortly before AD 240) ℑ (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) ℑ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) ဪ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) ☒ (Faulmann 1880: 98); (African) ૐ (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) ȝ (Taylor 1883, Vol. I: 326); (Mauritanian) ౘ (Fry 1799: 6); (modern) ঝ</y,></y></y></y></y,></y></y></y></y></y></y>		
Palmyrene 7, 9 (Harmatta, 2000: 181); (Palmyra, 2 nd c. AD) 9 (Taylor 1883, Vol. II: 236) yōd <y>. Syriac (Estrangela) 9; (Nestorian) → yūd/yodh <y>. Armazian) (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <y>. Khwarazmian (Toprak-kala) 1 (Vainberg 1977: Table VIII); (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th-2nd c. BC) (Ivantchik & Lurje 2013: 286–287) yodh <y>. Sogdian (sutra) → (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (early) J (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) J (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) J (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. Sogdian (early, Kultobe, before AD 240) \$ (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) \$ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (Kufic) \$ (Faulmann 1880: 98); (African) \$ (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) \$ (Taylor 1883, Vol. I: 326); (Mauritanian) \$ (Fry 1799: 6); (modern) \$ (Fry 1799: 6); (m</y,></y></y></y,></y,></y,></y></y></y></y></y>		
Syriac (Estrangela) \$\(\); (Nestorian) \$\ldots\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
Khwarazmian (Toprak-kala)		Syriac (Estrangela) \mathfrak{F} ; (Nestorian) \rightharpoonup yūd/yodh <y>.</y>
Kazakhstan], 4 th -2 nd c. BC) • (Ivantchik & Lurje 2013: 286–287) <i>yodh</i> <y>. <i>Sogdian</i> (sutra) ♣, \$ (Skjærvø 1996: 519) <i>yōd</i> <y>/y, ē, ī/. <i>Arabic</i> (early) ✔ (Macdonald 2008: 218) <i>yā'/ye</i> <y, ī=""> [j, i:]. SFG-47 <i>Nabataean</i> (late) ✔ (Macdonald 2008: 218) <y>. <i>Hatran</i> (H 79, shortly before AD 240) \$ (Beyer 1998: 10, 47–48) <y>. <i>Sogdian</i> (early, Kultobe, before 4th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) \$ (Skjærvø 1996: 519) <i>yōd</i> <y>/y, ē, ī/. <i>Arabic</i> (Kufic) \$ (Faulmann 1880: 98); (African) \$ (Fry 1799: 8) <i>yā'</i> <y, ī=""> [j, i:]. SFG-48 <i>Arabic</i> (Naskh) (7th c. AD) ✔ (Taylor 1883, Vol. I: 326); (Mauritanian) ★ (Fry 1799: 6); (modern) ✔</y,></y></y></y></y,></y></y>		
Sogdian (sutra) ♣, \$ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic (early) ★ (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:]. SFG-47 Nabataean (late) ★ (Macdonald 2008: 218) <y>. Hatran (H 79, shortly before AD 240) \$ (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) \$ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) \$ (Faulmann 1880: 98); (African) \$ (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) \$ (Taylor 1883, Vol. I: 326); (Mauritanian) \$ (Fry 1799: 6); (modern) \$ \$</y,></y></y></y></y,></y>		
Arabic (early) J (Macdonald 2008: 218) yā'/ye <y, ī=""> [j, i:].SFG-47Nabataean (late) J (Macdonald 2008: 218) <y>.Hatran (H 79, shortly before AD 240) \$ (Beyer 1998: 10, 47–48) <y>.Sogdian (early, Kultobe, before 4th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) \$ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/.Arabic(Kufic) \$ (Faulmann 1880: 98); (African) \$ (Fry 1799: 8) yā' <y, ī=""> [j, i:].SFG-48Arabic (Naskh) (7th c. AD) \$ (Taylor 1883, Vol. I: 326); (Mauritanian) \$ (Fry 1799: 6); (modern) \$ \$ (Fry 1799: 6); (modern)</y,></y></y></y></y,>		
SFG-47 Nabataean (late) (Macdonald 2008: 218) <y>. Hatran (H 79, shortly before AD 240) (Beyer 1998: 10, 47–48) <y>. Sogdian (early, Kultobe, before 4th c. AD) (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4th c. AD) (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) (Faulmann 1880: 98); (African) (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) (Taylor 1883, Vol. I: 326); (Mauritanian) (Fry 1799: 6); (modern) (Macdonald 2008: 218) <y>. (Fry 1799: 6); (modern) (Fry 1799: 6); (mo</y></y,></y></y></y>		
Sogdian (early, Kultobe, before 4 th c. AD) \$ (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, beginning of 4 th c. AD) \$ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) \$ (Faulmann 1880: 98); (African) \$ (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) \$ (Taylor 1883, Vol. I: 326); (Mauritanian) \$ (Fry 1799: 6); (modern) \$ \$</y,></y>	SFG-47	Nabataean (late) J (Macdonald 2008: 218) <y>.</y>
page numbering); (Ancient Letters, beginning of 4 th c. AD) ≰ (Skjærvø 1996: 519) yōd <y>/y, ē, ī/. Arabic(Kufic) ≴ (Faulmann 1880: 98); (African) ⋠ (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) ⋠ (Taylor 1883, Vol. I: 326); (Mauritanian) ≰ (Fry 1799: 6); (modern) ‡</y,></y>		
ē, ī/. Arabic(Kufic) S (Faulmann 1880: 98); (African) S (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) J (Taylor 1883, Vol. I: 326); (Mauritanian) ★ (Fry 1799: 6); (modern) J</y,>		
Arabic (Kufic) S (Faulmann 1880: 98); (African) S (Fry 1799: 8) yā' <y, ī=""> [j, i:]. SFG-48 Arabic (Naskh) (7th c. AD) A (Taylor 1883, Vol. I: 326); (Mauritanian) A (Fry 1799: 6); (modern)</y,>		
SFG-48 <i>Arabic</i> (Naskh) (7 th c. AD) . (Taylor 1883, Vol. I: 326); (Mauritanian) . (Fry 1799: 6); (modern) .		
	SFG-48	
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SFG	Features of taxa (graphemes of script variants)
SFG-49	Old Aramaic (Bar-Hadad, 9th c. BC) / (PROEL: Alfabeto Arameo.
	http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 26th May 2018); (10th-5th/4th
	c. BC) 7 (Gibson 1975); (Deir 'Allā, around 800 BC) 7 (Glass 2000: 14); (Nineveh, 7th c. BC) 4
	(Taylor 1883, Vol. I: 250) $k\bar{a}\bar{p} < k > /k /$. Imperial Aramaic (satrapies, 5 th -4 th c. BC) 4, 1, 7, (monuments, Egypt, 4 th -3 rd c. BC) 7, (papyrus, Egypt,
	2 nd c. BC) 7, 7 (Taylor 1883, Vol. I: 250); (monumental, 6 th c. BC) 4, (cursive, 5 th -4 th c. BC) 7
	(MNAMON: Aramaic. http://mnamon.sns.it/index.php?page=Simboli&id=2, accessed: 26 th
	May, 2018); (monumental) 7 (Faulmann 1880: 79); (inscriptions) 7 , 7 (Bühler 1898: the second
	table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (Elephantiné
	papyri, 6 th c. BC) ⁷ (Glass 2000: 14); 7 , ⁷ ; (Aśoka, around 250 BC) ⁷ (Glass 2000: 14); (Leather
	documents of satrap and royal prince Aršāma) J, (Persepolis) J, (Daskyleion) J, (Kandahar) J
	(Rosenthal et al. 1986–2011: Table 3); Υ (MacKenzie 1971: xi) $k\bar{a}\bar{p} < k > /k$, $\chi/$.
	<i>Parthian</i> (Nisa, 1 st c. BC)) (Skjærvø 1996: 518); (Nisa)) ,) , 7 ,) (Ivantchik & Lurje 2013: 290); (inscriptions, 3 rd c. AD) J (MacKenzie 1971: xi) kāp̄ <k>/g, k/.</k>
	Palmyrene J , 3 (Faulmann 1880: 84) <k>.</k>
	Khwarazmian (coins) \checkmark (Vainberg 1977: Table VIII) <k>.</k>
	Sogdian (early, Kultobe, before 4 th c. AD) \(\) (Sims-Williams & Grenet 2006: colour illustrations without
	page numbering); (Ancient Letters, early 4 th c. AD) 3 (Skjærvø 1996: 519); (Ancient Letters,
	beginning of 4 th c. AD) ⅓ (Harmatta 2004: 186); (sutra) \(\lambda , ﴿ (Skjærvø 1996: 519) $k\bar{a}\bar{p}$ <k>/k/.</k>
SFG-50	Hebrew (Qumran Manuscripts, 1st c. BC) →, (Text of the Pentateuchus Masoret, 9th c. AD) → kaf <k>/k/.</k>
	Hebrew $\supset \underline{kaf} < \underline{k} > /\gamma$, $h/$.
	Hebrew γ end kaf $\langle k \rangle / k /$.
	Hebrew \exists end \underline{k} af $\leq \underline{k} > /\chi$, \underline{h} /.
	Parthian (inscriptional) (Skjærv ø 1996: 518) kāp̄ <k>/g, k/.</k>
	Nabataean (late) 5 (Macdonald 2008: 218) <k>. Middle Persian (inscriptions, 3rd c. AD) 1 (MacKenzie 1971: xi); 2 (Skjærvø 1996: 518), (coins, 4th–6th c.</k>
	AD) <i>t</i> , <i>t</i> (Taylor 1883, vol. II: 236); (Psalter) (Bulayïq, 6 th –7 th c. AD, a copy of an origin from
	the 4 th c. AD) 2 (Skjærvø 1996: 518); (Psalter) 2 (MacKenzie 1971: xi); (Early Cursive
	Pahlavi) 7 (Skjærvø 1996: 518); (Book Pahlavi) 9 (Skjærvø 1996: 518); (Book Pahlavi) 3
	(MacKenzie 1971: xi) $k\bar{a}\bar{p} < k > /g, k/$.
	Hatran (H 79, shortly before AD 240) J (Beyer 1998: 10, 47–48) <k>.</k>
	Syriac (Estrangela) \(\) (isolated) (Faulmann 1880: 85); \(\), \(\), \(\) (isolated, ending), \(\(\)_, \(\)_, \(\)_ (beginning, \)
	middle); \(^\) (Taylor 1883, Vol. I: 227); (Nestorian) \(^\)5, \(^\)5 (isolated), \(^\\$C (ending), \(^\\$C (beginning),
	middle) <i>kōp̄/kaf</i> <k>. <i>Armazian</i> 7 (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <k>.</k></k>
	Arabic (early) \(\(\infty\) (Macdonald 2008: 218); (Naskh) (7th c. AD) \(\infty\) (Taylor 1883, Vol. I: 326); (Kufic) \(\infty\)
	(Faulmann 1880: 98); (Mauritanian) 2 (Fry 1799: 6); (African) 4 (Fry 1799: 8); (modern) 5
	(Macdonald 2008: 218) $k\bar{a}f/kef < k > /k/$.
SFG-51	Old Aramaic (8 th c. BC) \(\mathcal{L}\); (Deir 'All\(\bar{a}\), around 800 BC) \(\mathcal{L}\) (Glass 2000: 15); (7 th c. BC) \(\mathcal{L}\), \(\mathcal{L}\), \(\mathcal{L}\), \((6^{th} c. BC)\)
	4 (Gibson 1975); (Nineveh, 7 th c. BC) <i>L</i> (Taylor 1883, Vol. I: 250) <i>lāma₫</i> <1> /1/.
	Imperial Aramaic (satrapies, 5th–4th c. BC) L, L, (monuments, Egypt, 4th–3rd c. BC) L (Taylor 1883, Vol.
	I: 250); (Elephantiné papyri, 6 th c. BC) (Glass 2000: 15) <i>lāmad</i> <1> /1/.

SFG	Features of taxa (graphemes of script variants)
SFG-52	Imperial Aramaic 4; (Aśoka, around 250 BC) 4 (Glass 2000: 15); 4 (MacKenzie 1971: xi) lāmad <1>/1/.
	Hebrew (Qumran Manuscripts, 1st c. BC) , (Text of the Pentateuchus Masoret, 9th c. AD) ; lāmed <1>
	//.
	Parthian (early) (Nisa, 1st c. BC) & (Rosenthal et al. 1986–2011: Table 3); (coins of the Parthian kings, 1st-2nd c. AD) l, \$\mathbf{s}\$, \$\mathcal{l}\$, \$\mathcal{l}\$, \$\mathcal{l}\$ (Taylor 1883, vol. II: 236); (inscriptional) & (Skjærvø 1996: 518);
	(Hājiābād, 3 rd c. AD) 3, 5, (Taylor 1883, vol. II: 236); (inscriptional) 5 (Skjat vø 1990, 316);
	1971: xi) lāmad <1> /1/.
	Nabataean b, b (Garbini 1979: Fig. 7) lāmad <1>/1/.
	Middle Persian (inscriptional) & (Skjærvø 1997: 100); (Ḥājiābād, 3 rd c. AD) &, (coins, 4 th –6 th c. AD) &
	(Taylor 1883, Vol. II: 236); (inscriptional) \(\) (Rosenthal et al. 1986–2011: Table 3); \(\); (Psalter)
	(Bulayïq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) \$ (Skjærvø 1996: 518); (Psalter) \$
	(MacKenzie 1971: xi) <i>lāmad <l> /l/.</l> Palmyrene</i> b (Harmatta 2000: 181); 5 (Faulmann 1880: 84) <i>lāmad <l> /l/.</l></i>
GEG 52	
SFG-53	Nabataean (late) J (Macdonald 2008: 218) lāmad <l>/l/. Middle Persian (Book Pahlavi) 3 (Skjærvø 1996: 518–519); (Book Pahlavi) 3 (MacKenzie 1971: xi)</l>
	lāmad $\langle 1 \rangle / 1$.
	Palmyrene 1, J (Harmatta 2000: 181) $l\bar{a}ma\underline{d} < 1 > /1/$.
	Hatran (H 79, shortly before AD 240) \ (Beyer 1998: 10, 47–48) <i>.</i>
	Syriac (Estrangela) Δ ; (Nestorian) $\Delta l\bar{o}mad/lamadh <1 > /1/.$
	<i>Armazian</i> → (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <1>.
	Khwarazmian (coins) 3 (Vainberg 1977: Table VIII) <1>.
	Sogdian (Ancient Letters, early 4th c. AD) \((Skjærvø 1996: 519); (Ancient Letters, early 4th c. A
	(Harmatta 2004: 186); (Sutra) \ (Skjærvø 1996: 519) lāma₫ <1, δ> /δ/ (Skjærvø 1996: 519). *Arabic (early) J (Macdonald 2008: 218); (Naskh) (7 th c. AD) ✓ (Taylor 1883, Vol. I: 326); (Kufic) J
	(Faulmann 1880: 98); (Mauritanian) J (Fry 1799: 6); (African) J (Fry 1799: 8); (modern) J
	(Macdonald 2008: 218) $l\bar{a}m < 1 > /1/$.
SFG-54	Old Aramaic (8 th c. BC) 7; (Deir 'Allā, around 800 BC) 7 (Glass 2000: 15); (8 th –3 rd c. BC) 7; (10 th –7 th c.
51 0 0 .	BC) 7 (Gibson 1975); (Nineveh, 7 th c. BC) 7 , 7 (Taylor 1883, Vol. I: 250) $m\bar{e}m$ <m>/m/.</m>
	Imperial Aramaic (satrapies, 5 th –4 th c. BC) 4, (monuments, Egypt, 4 th –3 rd c. BC) 5, (papyrus, Egypt, 2 nd
	c. BC) 7, 3 (Taylor 1883, vol. I: 250); (7 th –5 th /4 th c. BC) 3 (Gibson 1975); (Elephantine Papyri,
	6 th c. BC) ϑ (Glass 2000: 15); ϑ (MacKenzie 1971: xi); ϑ ; (Asoka, around 250 BC) ϑ
	(Benveniste & Dupont-Sommer 1966: fig. 2; Glass 2000: 15); (Babylonian Bowls) 5 , 6
	(Faulmann 1880: 79) $m\bar{e}m < m > /m/$. Hebrew (Qumran Manuscripts, 1st c. BC) 3, (Text of the Pentateuchus Masoret, 9th c. AD) 7 $m\bar{e}m < m > m$
	/m/.
	Parthian (inscriptions, 3 rd c. AD) 5 (MacKenzie 1971: xi); 5 (Skjærvø 1996: 518); (coins of the Parthian
	kings, 1 st –2 nd c. AD) \(\hat{h} \) (Taylor 1883, vol. II: 236) \(m\bar{e}m < m > /m/.
	Palmyrene 55, (cursive) 17, 77 (Harmatta, 2000: 181) <m>.</m>
	Hatran (H 79, shortly before AD 240) ≯ (Beyer 1998: 10, 47–48) <m>.</m>
	Armazian ७ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <m>.</m>
	<i>Khwarazmian</i> (coins) → (Vainberg 1977: Table VIII) <m>. <i>Sogdian</i> (Ancient Letters, early 4th c. AD) → (Skjærvø 1996: 519); (Ancient Letters, beginning of 4th c.</m>
	Sogatan (Ancient Letters, early 4" c. AD)
I	AD) // (Harmana 2004: 180); (earry) 3 (Clauson 1970: 74) <1112/1117.

SFG	Features of taxa (graphemes of script variants)
SFG-55	<i>Imperial Aramaic</i> (Babylonian Bowls) □ (Faulmann 1880: 79) <i>mēm</i> <m>/m/.</m>
	Hebrew \Box end $m\bar{e}m < m > /m/$.
	Nabataean (late) •• (Macdonald 2008: 218) <m>. Middle Persian (inscriptional) (coins, 4th–6th c. AD) b (Taylor 1883, vol. II: 236); (inscriptions, 3rd c.</m>
	AD) b (MacKenzie 1971: xi); b (Rosenthal et al. 1986–2011: Table 3); b (Skjærvø 1996:
	518); (Psalter) (Bulayïq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) \(\phi\) (Skjærv\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	518); (Psalter) ♦ (MacKenzie 1971: xi); (Psalter) ♦ (Rosenthal et al. 1986–2011: Table 3);
	(Early Cursive Pahlavi) 6 (Skjærvø 1996: 518); (Book Pahlavi) 6 (Skjærvø 1996: 518); (Book
	Pahlavi) 4 (MacKenzie 1971: xi); (Book Pahlavi) 4 (Rosenthal et al. 1986–2011: Table 3)
	mēm <m>/m/. Syriac (Estrangela) ▶ (ending), ➤ (beginning, middle); (Nestorian) ➤ (ending), ➤ (beginning, middle)</m>
	mīm/mim <m>.</m>
	Khwarazmian (coins) D , D , (Vainberg 1977: Table VIII) <m>.</m>
GEG 56	Sogdian (sutra) ★, ★ (Skjærvø 1996: 519) <m>/m/.</m>
SFG-56	Nabataean (late) ◆ (Macdonald 2008: 218) <m>. Arabic (early) ◆ (Macdonald 2008: 218); (Naskh) (7th c. AD) ◆ (Taylor 1883, Vol. I: 326); (Kufic) →</m>
	(Faulmann 1880: 98); (Mauritanian) (Fry 1799: 6); (African) (Fry 1799: 8); (modern)
	(Macdonald 2008: 218) $m\bar{t}m$ <m>/m/.</m>
SFG-57	Old Aramaic (8th c. BC) ; (Deir 'Allā, around 800 BC) ; (Glass 2000: 14); (Nineveh, 7th c. BC) ; (Taylor
	1883, Vol. I: 250) nūn <n> /n/.</n>
	Imperial Aramaic (satrapies, 5 th –4 th c. BC) †, (monuments, Egypt, 4 th –3 rd c. BC) †, (papyrus, Egypt, 2 nd c.
	BC) J (Taylor 1883, Vol. I: 250); J (MacKenzie 1971: xi); (Elephantiné papyri, 6 th c. BC) J (Glass 2000: 14); (7 th c. BC) J, (6 th c. BC) J, J, (5 th /4 th c. BC) J (Gibson 1975); (satrapies and
	Egypt, 4 th –3 rd c. BC) 7 (Taylor 1883, Vol. II: 236); (Leather documents of satrap and royal
	prince Aršāma) 5, (Persepolis) 5, (Daskyleion) 5, (Kandahar) 5 (Rosenthal et al. 1986–2011:
	Table 3); (monumental) 1, (Babylonian Bowls) 1 (Faulmann 1880: 79); (Aśoka, around 250 BC)
	$1 \text{ (Glass 2000: 14) } n\bar{u}n < n > /n/.$
	Hebrew (Text of the Pentateuchus Masoret, 9 th c. AD) J nūn <n>/n/.</n>
	Parthian (early, Nisa, 1 st c. BC) 5 (Rosenthal et al. 1986–2011: <i>Table 3</i>) $n\bar{u}n < n > /n/$. Middle Persian (inscriptional) 1 (Rosenthal et al. 1986–2011: Table 3) $n\bar{u}n < n > /n/$.
	Palmyrene 3 (Harmatta, 2000: 181); (Palmyra, 2 nd c. AD) 3 , Y (Taylor 1883, Vol. II: 236); \(\) (Harmatta
	2000: 181) nūn <n>/n/.</n>
SFG-58	Imperial Aramaic (papyrus, Egypt, 2 nd c. BC) / (Taylor 1883, Vol. I: 250); (7 th c. BC) /, /, (6 th c. BC) /,
	J, J (Gibson 1975); (Babylonian Bowls) J, I (Faulmann 1880: 79) $n\bar{u}n$ <n> /n/.</n>
	Hebrew (Qumran Manuscripts, 1st c. BC) $J n\bar{u}n < n > /n/$.
	Hebrew end n\bar{u} < n > /n/.
	Parthian (early, Nisa, 1st c. BC) (Skjærvø 1996: 518); (early, Nisa, 1st c. BC) (Rosenthal et al. 1986–2011: Table 3); (inscriptional) (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) (MacKenzie
	1971: xi); — (Rosenthal et al. 1986–2011: Table 3); (coins of the Parthian kings, 1 st –2 nd c. AD)
	J, (Hājiābād, 3 rd c. AD) J (Taylor 1883, vol. II: 236) nūn <n> /n/.</n>
	Nabataean J; (late) J (Macdonald 2008: 218); $\ln n\bar{u}n < n > /n/$.
	Middle Persian (Book Pahlavi) I (Rosenthal et al. 1986–2011: Table 3) nūn <n> /n/.</n>
	Palmyrene J (Harmatta, 2000: 181) nūn <n> /n/.</n>
	Hatran (H 79, shortly before AD 240) J (Beyer 1998: 10, 47–48) <n>.</n>
	Syriac (Estrangela)
	Armazian λ , λ (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <n>.</n>
	Khwarazmian (Tok-kala, 7 th −8 th c. AD) J (Vainberg 1977: Table VIII) <n>.</n>
	Sogdian (early, Kultobe, before 4th c. AD)) (Sims-Williams & Grenet 2006: colour illustrations without
	page numbering); (Ancient Letters, early 4th c. AD) J (Skjærvø 1996: 519); (Ancient Letters,
	beginning of 4 th c. AD) J (Harmatta 2004: 186); (sutra) L, • (Skjærvø 1996: 519) <n>.</n>
	<i>Arabic</i> (early) J (Macdonald 2008: 218); (Kufic) J (Faulmann 1880: 98) <i>nūn</i> <n> /n/.</n>

SFG	Features of taxa (graphemes of script variants)
SFG-59	Arabic (Naskh) (7 th c. AD) 3 (Taylor 1883, Vol. I: 326); (Mauritanian) 3 (Fry 1799: 6); (African) 4 (Fry 1799: 8); (modern) 3 (Macdonald 2008: 218) $n\bar{u}n < n > /n/$.
SFG-60	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) ₹, ₹; (8 th c. BC) ‡; (8 th c. BC) † (MNAMON: Aramaic. http://mnamon.sns.it/index.php?page=Simboli&id=2⟨=en , accessed: 19 th July 2018); (Deir 'Allā, around 800 BC) ↑ (Glass 2000: 14); (8 th c. BC) ₹, (7 th c. BC) ₹ (Gibson 1975); (Nineveh, 7 th c. BC) ₹ (Taylor 1883, Vol. I: 250) semkat <s>/s/. Imperial Aramaic (satrapies, 5th–4th c. BC) ⅓, ⅙ (Taylor 1883, Vol. I: 250); (7th c. BC) ₹, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑, ↑,</s>
SFG-61	Imperial Aramaic (monuments, Egypt, 4 th -3 rd c. BC) †, †, (papyrus, Egypt, 2 nd c. BC) † (Taylor 1883, Vol. I: 250); (Elephantiné papyri, 6 th c. BC) † (Glass 2000: 14); (Assyrian and Egyptian papyri) † (Faulmann 1880: 79); (Aśoka, around 250 BC) ↑ (Glass 2000: 14) **semkat <s>/s/. Parthian (inscriptional) ↑ (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) ↑ (MacKenzie 1971: xi) **semkat <s>/s/. Middle Persian (inscriptions, 3rd c. AD) ↑ (MacKenzie 1971: xi); (Psalter) (Bulayïq, 6th-7th c., a copy of an origin from the 4th c. AD) ★ (Skjærvø 1996: 518); (Psalter) ★ (MacKenzie 1971: xi); (Book Pahlavi) ★ (MacKenzie 1971: xi) **semkat <s>/s/. Palmyrene ↑, ★ (Faulmann 1880: 84) **semkat <s>/s/. Hatran (H 79, shortly before AD 240) ★ (Beyer 1998: 10, 47-48) <s>. Armazian ↑ (Cereteli 1948-1949 **apud Róna-Tas 1987: 14) <s>. Khwarazmian (coins) ★ (Vainberg 1977: Table VIII) <s>. Sogdian (Ancient Letters, early 4th c. AD) ★ (Skjærvø 1996: 519); (sutra) ↑, ★ (Skjærvø 1996: 519) **semkat <s>/s/.</s></s></s></s></s></s></s></s>
SFG-62	Imperial Aramaic (Babylonian Bowls) Д, ☐ (Faulmann 1880: 79) semkat <s>/s/. Hebrew (Qumran Manuscripts, 1st c. BC) ♥, (Text of the Pentateuchus Masoret, 9th c. AD) ♥ sāmek <s>/s/. Nabataean ♥, ♥ (Garbini 1979: Fig. 7) semkat <s>/s/. Syriac (Estrangela) ♠ (ending), ఄ (Taylor 1883, Vol. I: 288), ♠ (beginning, middle); (Nestorian) ♠ (ending), ♠ (beginning, middle) semkat <s>. Khwarazmian (coins) ♠ (Vainberg 1977: Table VIII) <s>.</s></s></s></s></s>
SFG-63	Old Aramaic (8 th c. BC) ♥; (10 th -7 th c. BC) ♥ (Gibson 1975); (Nineveh, 7 th c. BC) ♦ (Taylor 1883, Vol. I: 250) 'ayin <'>/\$\sqrt{s}\.\ \] Imperial Aramaic (satrapies, 5 th -4 th c. BC) ♣, ♥, (monuments, Egypt, 4 th -3 rd c. BC) ✔, (papyrus, Egypt, 2 nd c. BC) ✔ (Taylor 1883, Vol. I: 250); (7 th -5 th /4 th c. BC) � (Gibson 1975); ✔; (monumental) ♥ (Faulmann 1880: 79); ✔ (MacKenzie 1971: xi) 'ayin <'>/\$\sqrt{s}\.\ \]
SFG-64	Imperial Aramaic (papyrus, Egypt, 2 nd c. BC) y (Taylor 1883, Vol. I: 250); (Assyrian and Egyptian papyri) y , (Babylonian Bowls) 山 , 少 (Faulmann 1880: 79) 'ayin <'>/ʕ/. Hebrew (Qumran Manuscripts, 1 st c. BC) 少 , (Text of the Pentateuchus Masoret, 9 th c. AD) y 'ayin <'>/ʕ/. Palmyrene y (Faulmann 1880: 84) <'>.
SFG-65	Parthian (inscriptional) ➤ (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) ➤ (MacKenzie 1971: xi) 'ayin <'>/s//. Nabataean ►, У (Faulmann 1880: 84); (late) У (Macdonald 2008: 218) <'>. Middle Persian (inscriptions, 3 rd c. AD) ➤ (MacKenzie 1971: xi); (Psalter) ► (MacKenzie 1971: xi) 'ayin <'>/s//. Hatran (H 79, shortly before AD 240) ➤ (Beyer 1998: 10, 47–48) <'>. Syriac (Estrangela) ►; (Nestorian) ► (ē <'>. Armazian ► (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <'>. Sogdian (Ancient Letters, early 4 th c. AD) ← (Skjærvø 1996: 519); (Sutra) ⑥ (Skjærvø 1996: 519) 'ayin <'>. Arabic (early) ← (Macdonald 2008: 218); (Naskh) (7 th c. AD) ← (Taylor 1883, Vol. I: 326); (Mauritanian) ← (Fry 1799: 6); (modern) ♠ (Macdonald 2008: 218) 'ayn <'>/s/.

SFG	Features of taxa (graphemes of script variants)
SFG-66	Arabic (early) \bot (Macdonald 2008: 218) ġayn/ghain <ġ, gh> [γ].
SFG-67	<i>Arabic</i> (Kufic) ← (Faulmann 1880: 98); (African) € (Fry 1799: 8) 'ayn <'>/\(\sigma \).
SFG-68	Arabic (Kufic) ← (Faulmann 1880: 98); (African) & (Fry 1799: 8) ġayn <ġ, gh> [ɣ].
SFG-69	Arabic (African) ė (Fry 1799: 8); (modern) غ (Macdonald 2008: 218) ġayn <ġ, gh> [ɣ].
SFG-70	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) 2; (8 th c. BC) 1; (Deir 'Allā, around 800 BC) / (Glass 2000: 14); (10 th −5 th /4 th c. BC) 7, 7 (Gibson 1975); (Nineveh, 7 th c. BC) 1 (Taylor 1883, Vol. I: 250) pē /f, p/. Imperial Aramaic (satrapies, 5 th −4 th c. BC) 7, 1, (monuments, Egypt, 4 th −3 rd c. BC) 1, (papyrus, Egypt, 2 nd c. BC) 3 (Taylor 1883, Vol. I: 250); (inscriptional, 7 th c. BC) 7, 7, 1, (6 th −5 th /beg. 4 th c. BC) 7 (Gibson 1975); (6 th c. BC) 1; (Kandahar) 1 (Rosenthal et al. 1986–2011: Table 3); (papyri) 3, 7 (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); (cursive) (5 th −4 th c. BC) 3; (satrapies and Egypt, 4 th −3 rd c. BC) 1 (Taylor 1883, Vol. II: 236); (Aśoka, around 250 BC) ↑ (Glass 2000: 14); 7 (MacKenzie 1971: xi); (Baktria) 1, 1 (Ivantchik & Lurje 2013: 290) pē /f, p/.
SFG-71	Imperial Aramaic (Elephantiné papyri, 6 th c. BC) J (Glass 2000: 14); (Babylonian Bowls) J (Faulmann 1880: 79) pē /f, p/. Hebrew (3 rd c. BC) s; (Qumran Manuscripts, 1 st c. BC) J, (Text of the Pentateuchus Masoret, 9 th c. AD) b; pē /p/. Parthian (early, Nisa, 1 st c. BC) D (Rosenthal et al. 1986–2011: Table 3); (Nisa) D, D, D, (Avroman, 13/12 BC) D, D (Ivantchik & Lurje 2013: 290); (inscriptional) D (Rosenthal et al. 1986–2011: Table 3); (inscriptions, 3 rd c. AD) D (MacKenzie 1971: xi) pē /p, b/. Nabataean J, J pē . Palmyrene J, 3 (Harmatta, 2000: 181); (Palmyra, 2 rd c. AD) J (Taylor 1883, Vol. II: 236) pē . Hatran J, T (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran , accessed: 2016) . Armazian T (Cereteli 1948–1949 apud Róna-Tas 1987: 14) .
	 Hebrew η end pē /p/. Middle Persian (inscriptional) ♀ (Skjærvø 1996: 518); (Psalter) (Bulayïq, 6th-7th c., a copy of an origin from the 4th c. AD) ☎ (Skjærvø 1996: 518); (Early Cursive Pahlavi) ᾳ, ♂ (Skjærvø 1996: 518); (Book Pahlavi) ℚ (Skjærvø 1996: 518) pē /p, b, f/. Hatran ९ (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) Khwarazmian (Tok-kala, 7th-8th c. AD) ◑ (Vainberg 1977: Table VIII) Sogdian (Ancient Letters, early 4th c. AD) ◑, (sutra) ㉑ (Skjærvø 1996: 519) pē /p/.
SFG-73	Nabataean (late) ೨ (Macdonald 2008: 218) pē . Syriac (Estrangela) ♣; (Nestorian) ♣ pē/pe <p, p="">. Arabic (early) ೨ (Macdonald 2008: 218); (Kufic) ← (Faulmann 1880: 98); (Mauritanian) 9 (Fry 1799: 6); (African) 9 (Fry 1799: 8) fā'/fe <f>/f/.</f></p,>
SFG-74	Arabic (Naskh) (7 th c. AD) 9 (Taylor 1883, Vol. I: 326); (modern) 3 (Macdonald 2008: 218) <f>.</f>

SFG	Features of taxa (graphemes of script variants)
SFG-75	<i>Old Aramaic</i> (Zinjîrlû inscriptions, late 9 th c. – 8 th c. BC) ♥ ; (8th c. BC) ▶ ; (Deir 'Allā, around 800 BC) ♥ (Glass 2000: 14); (10 th −7 th c. BC) ▶ (Gibson 1975); (Nineveh, 7 th c. BC) ▶ (Taylor 1883, Vol. I:
	250) $s\bar{a}d\bar{e} < s > /s^s$, $z/$ (Segert 1997: 118).
	Imperial Aramaic (weights, seals and coins, 8 th –3 rd c. BC) h, h, l (Lidzbarski 1910); (Egypt) h (Lidzbarski 1898: <i>TAF</i> . XLV); (monuments, Egypt, 4 th –3 rd c. BC) h, (papyrus, Egypt, 2 nd c. BC)
	P, P (Taylor 1883, Vol. I: 250); (7th-5th/4th c. BC)C (Gibson 1975); (Elephantiné papyri, 6th c. BC)BC)(Glass 2000: 14); (Leather documents of satrap and royal prince Aršāma)P, (Persepolis)
	b , (Daskyleion) የ (Rosenthal et al. 1986–2011: <i>Table 3</i>); የ; (around 550–500 BC) የ, የ, የ, የ (MacKenzie 1971: xi) ṣādē <ṣ> /s ^{\$} /[(t)s [*]].
	Hebrew (Jerusalem, 1st c. BC) \(\mathbb{Z} \) (Taylor 1883, Vol. I: 250); (Qumran Manuscripts, 1st c. BC) \(\mathbb{Z} \); (Text of the Pentateuchus Masoret, 9th c. AD) \(\mathbb{Z} \); \(\sigma \bar{a} \bar{d} \bar{e} < \sigms, c > \frac{1}{15} \rangle \).
	Hebrew γ end $s\bar{a}d\bar{e} < s$, $c > fs/$.
	Parthian (inscriptional) → (Rosenthal et al. 1986–2011: Table 3); → (Skjærvø 1996: 518); (inscriptions, 3 rd c. AD) → (MacKenzie 1971: xi) ṣādē <ṣ, c>/č/.
	Nabataean Էṣādē <ṣ>.
	Middle Persian (inscriptional) & (Rosenthal et al. 1986–2011: Table 3); (Psalter) (Bulayïq, 6 th −7 th c., a copy of an origin from the 4 th c. AD) & (Rosenthal et al. 1986–2011: Table 3); (Psalter) & (Clauson 1970: 74); (inscriptional) & (Rosenthal et al. 1986–2011: Table 3); (Book Pahlavi) & (Rosenthal et al. 1986–2011: Table 3) \$\sigma \bar{a} \overline{d} \in \sigma \sigma \bar{c} \sigma \sigma \cdot \sigma \bar{c}
	1883, Vol. I: 250); ト, ナ, ス、ノ, ト (Lidzbarski 1898: <i>TAF. XLV</i>) ṣāḍē <ṣ>/s ^c /. <i>Hatran</i> ト, ト, ト (PROEL: Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran,
	accessed: 2016) <\$>.
	Armazian / (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <s>.</s>
	Sogdian →; (Ancient Letters, beginning of 4 th c. AD) → (Skjærvø 1996: 519); (early) 𝒯 (Clauson 1970: 74); (sutra) → (Skjærvø 1996: 519) ṣāḍē <ṣ, c> /ĕ, j/ (Skjærvø 1996: 519).
SFG-76	Nabataean ♪ ṣādē <ṣ>. Syriac タ (Lidzbarski 1898: TAF. XLV); (Estrangela) ♣; (Nestorian) ▮ ṣōdē <ṣ>.
SFG-77	Nabataean ₱; (late) У (Macdonald 2008: 218) ṣādē <ṣ>. Arabic (early) → (Macdonald 2008: 218); (Naskh) (7th c. AD) → (Taylor 1883, Vol. I: 326); (Kufic) → (Faulmann 1880: 98); (Mauritanian) → (Fry 1799: 6); (African) → (Fry 1799: 8); (modern) → (Macdonald 2008: 218) ṣād <ṣ>.
SFG-78	<i>Arabic</i> (early) → (Macdonald 2008: 218); (Kufic) > (Faulmann 1880: 98) dād <d>.</d>
SFG-79	<i>Arabic</i> (Mauritanian) ∸ (Fry 1799: 6); (African) ॐ (Fry 1799: 8); (modern) ∸ (Macdonald 2008: 218) ḍād <ḍ>.
SFG-80	Old Aramaic (Zinjîrlû inscriptions, late 9 th c. − 8 th c. BC) ♥, ₱, ₱, ₱; (10 th − beg. 7 th c. BC) ♥ (Gibson 1975); (8th c. BC) ♥; (Deir 'Allā, around 800 BC) ◄ (Glass 2000: 14);(Nineveh, 7 th c. BC) ₱, ₱ (Taylor 1883, Vol. I: 250) qōp̄ <q>/q/.</q>
	<i>Imperial Aramaic</i> (satrapies, 5 th –4 th c. BC) ₱, (papyrus, Egypt, 2 nd c. BC) ₱ (Taylor 1883, Vol. I: 250); (monumental) ₱ (Faulmann 1880: 79); (Elephantiné papyri, 6 th c. BC) ₱ (Glass 2000: 14); ₱ (MacKenzie 1971: xi); ₱ (Nyberg 1964) qōp̄ <q>/q/.</q>
SFG-81	Imperial Aramaic (monuments, Egypt, 4 th –3 rd c. BC) \nearrow , (papyrus, Egypt, 2 nd c. BC) \nearrow (Taylor 1883, Vol. I: 250); (end-8 th c. BC – 5 th / 4 th c. BC) \nwarrow (Gibson 1975); (monumental) \nearrow (Faulmann 1880: 79); (inscriptions) \nwarrow \nwarrow (Bühler 1898: the second table after p. 124: Comparative Table of the Perso-Aramaic and the Kharoṣṭhī); \nearrow ; (Aśoka, around 250 BC) \nwarrow (Glass 2000: 14) $q\bar{o}p\bar{o}$ <q>/q/. Hebrew (Qumran Manuscripts, 1st c. BC) \nearrow, (Text of the Pentateuchus Masoret, 9th c. AD) \nearrow; $q\bar{o}f$ <q, <math="">\nmid>/q/.</q,></q>
	Parthian (inscriptional) > (Skjærvø 1996: 518); ? ; (inscriptions, 3 rd c. AD) ? (MacKenzie 1971: xi) $q\bar{o}\bar{p}$ <q>>.</q>
	Palmyrene \mathfrak{D} , \mathfrak{h} (Harmatta, 2000: 181) $q\bar{o}\bar{p} < q > [k']$. Hatran (H 79, shortly before AD 240) \mathfrak{P} (Beyer 1998: 10, 47–48) $< q >$. Armazian \mathfrak{h} (Cereteli 1948–1949 apud Róna-Tas 1987: 14) $< q >$.

SFG	Features of taxa (graphemes of script variants)
SFG-82	Nabataean ℐ; (late) ℐ (Macdonald 2008: 218) qōp̄ <q>. Middle Persian (inscriptional) ৯ (Skjærvø 1996: 518–519); (Psalter) (Bulayïq, 6th–7th c., a copy of an origin from the 4th c. AD) ႕ (Skjærvø 1996: 518); (Early Cursive Pahlavi) ႕ (Skjærvø 1996: 518); (Book Pahlavi) ႕ (Skjærvø 1996: 518) qōp̄ <q>. qōp̄ <q>.</q></q></q>
	Syriac (Estrangela) \blacksquare ; (Nestorian) \blacksquare $q\bar{u}p/qof < q >$. Arabic (early) \blacksquare (Macdonald 2008: 218); (Kufic) \blacksquare (Faulmann 1880: 98) $q\bar{a}f < q$, $k > [q, k']$.
SFG-83	Arabic (Naskh) (7 th c. AD) 9 (Taylor 1883, Vol. I: 326); (Mauritanian) 9 (Fry 1799: 6); (African) 9 (Fry 1799: 8); (modern) 2 (Macdonald 2008: 218) $q\bar{a}f < q$, $k > [q, k']$.
SFG-84	Old Aramaic (8 th c. BC) 4 ; (Deir 'Allā, around 800 BC) 4 (Glass 2000: 14); (10 th −5 th /4 th c. BC) 4 , 1 (Gibson 1975); (Nineveh, 7 th c. BC) 4 (Taylor 1883, Vol. I: 250) <i>rēš</i> <r> / Imperial Aramaic (satrapies, 5th−4th c. BC) f, f, (monuments, Egypt, 4th−3rd c. BC) f, (papyrus, Egypt, 2nd c. BC) f, (Taylor 1883, Vol. I: 250); (mid-7th c. BC) f, (7th−5th/4th c. BC) f, f (Gibson 1975); (Elephantiné papyri, 6th c. BC) f (Glass 2000: 14); f; (satrapies and Egypt, 4th−3rd c. BC) f (Taylor 1883, Vol. II: 236); f (MacKenzie 1971: xi) <i>rēš</i> <rr> / (Taylor 1883, Vol. II: 236); f (MacKenzie 1971: xi) <i>rēš</i> <rr> / (Taylor 1883, Vol. II: 236); f (MacKenzie 1971: xi) <i>rēš</i> <rr> / (Parthian (Nisa) f, f, f) (Ivantchik & Lurje 2013: 290) <i>rēš</i> <rr> / (Palmyrene (Palmyra, 2nd c. AD) f (Taylor 1883, Vol. II: 236) <i>rēš</i> <rr> / (Patram (H 79, shortly before AD 240) f (Beyer 1998: 10, 47–48) <rr> / (Khwarazmian (coins) f (Vainberg 1977: Table VIII) <rr> / (Sogdian (early, Kultobe, before 4th c. AD) f (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) f (Sutra) f (Skjærvø 1996: 519) <i>rēš</i> <rr> / (Skjærvø 1996: 519) <i>rēš</i> <rr> / (Skjærvø)</rr></rr></rr></rr></rr></rr></rr></rr></rr></r>
SFG-85	Syriac (Estrangela) i; (Nestorian) i rīš/resh <r>.</r>
SFG-86	Imperial Aramaic (Aśoka, around 250 BC) ¬ (Glass 2000: 14) rēš <r> Hebrew (Qumran Manuscripts, 1st c. BC) ¬, (Text of the Pentateuchus Masoret, 9th c. AD) ¬ rēš <r> /r/. Parthian (inscriptional) ¬ (Skjærvø 1996: 518); (inscriptions, 3rd c. AD) ¬ (MacKenzie 1971: xi) rēš <r> /r/. Nabataean ¬, ¬, ¬, ¬, ¬ (Faulmann 1880: 84); (late) ¬ (Macdonald 2008: 218) <r> Middle Persian (inscriptions, 3rd c. AD) ¬ (MacKenzie 1971: xi); (Early Cursive Pahlavi) ¬, (Book Pahlavi) ¬ (Skjærvø 1996: 518); (Psalter) (Bulayïq, 6th − 7th c., a copy of an origin from the 4th c. AD) ¬ (Skjærvø 1996: 518) rēš <r> /r/. Hatran (H 79, shortly before AD 240) ¬ (Beyer 1998: 10, 47 − 48) <r> Armazian ¬ (Cereteli 1948−1949 apud Róna-Tas 1987: 14) <r> Khwarazmian (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th − 2nd c. BC) ¬ (Ivantchik & Lurje 2013: 286−287) <r> Sogdian (sutra) ¬ (Skjærvø 1996: 519) rēš <r> /r/.</r></r></r></r></r></r></r></r></r>
	<i>Arabic</i> (early) <i>J</i> (Macdonald 2008: 218); (Naskh) (7 th c. AD) <i>J</i> (Taylor 1883, Vol. I: 326); (Kufic) <i>S</i> (Faulmann 1880: 98); (Mauritanian) <i>J</i> (Fry 1799: 6); (African) <i>S</i> (Fry 1799: 8); (modern) <i>J</i> (Macdonald 2008: 218) <i>rā</i> '< <i>r</i> > /r/.

SFG	Features of taxa (graphemes of script variants)
SFG-87	<i>Old Aramaic</i> (8 th c. BC) ₩; (Deir 'Allā, around 800 BC) ₩ (Glass 2000: 15); (10 th –6 th c. BC) ₩
	(Gibson 1975); ♥ ; (Nineveh, 7 th c. BC) w , ♥ , ∀ (Taylor 1883, Vol. I: 250) <i>śin/šin</i> (Macdonald
	2015: 35) <š>/š, t/ (Segert 1997: 118).
	Imperial Aramaic (monuments, Egypt, 4 th –3 rd c. BC) ♥, (papyrus, Egypt, 2 nd c. BC) ♥ (Taylor 1883, Vol. I: 250); (8 th –5 th /4 th c. BC) ♥ (Gibson 1975); (Elephantiné papyri, 6 th c. BC) ♥ (Glass
	Vol. 1: 250); (8"-5"/4" c. BC) \mathbf{V} (Gloson 19/5); (Elephantine papyri, 6" c. BC) \mathbf{V} (Glass 2000: 15); \mathbf{V} , \mathbf{V} ; (monumental) \mathbf{V} , (Assyrian and Egyptian papyri) \mathbf{V} , \mathbf{V} , (Babylonian Bowls) \mathbf{V} ,
	という。 と (Haulmann 1880: 79); (Babylonian Bowl) ツ (Layard 1853: 437); (Asoka, around 250 BC) ン
	(Glass 2000: 15); V (MacKenzie 1971: xi) <i>śin/šin</i> <š>.
	Hebrew (Qumran Manuscripts, 1st c. BC) \checkmark $\langle \bar{s}n/\bar{s}\bar{t}n < \bar{s}, \dot{s} \rangle$.
	Hebrew (Text of the Pentateuchus Masoret, 9^{th} c. AD) $\dot{\boldsymbol{v}}$ $\dot{s}\bar{s}n < \tilde{s} > /\tilde{s}/.$
	Hebrew (Text of the Pentateuchus Masoret, 9 th c. AD) $\dot{\boldsymbol{v}}$ $\dot{s}\bar{t}n < \dot{s} > /\dot{s}/.$
	Parthian (early) (Nisa, 1st c. BC) ♥ (Rosenthal et al. 1986–2011: Table 3); (early) (Nisa, 1st c. BC) ♥
	(Skjærvø 1996: 518); (inscriptional) V (Rosenthal et al. 1986–2011: Table 3); (inscriptional) Z
	(Skjærvø 1996: 518); (coins of the Parthian kings, 1 st −2 nd c. AD) V , (Ḥājiābād, 3 rd c. AD) F
	(Taylor 1883, vol. II: 236); (inscriptions, 3^{rd} c. AD) \mathcal{L} (MacKenzie 1971: xi) $\delta \bar{\imath} n < \tilde{s} > /\tilde{s}, \tilde{z}/$
	(Skjærvø 1996: 518).
	<i>Nabataean</i> F, ▶ (Garbini 1979, Fig. 7) šīn <š>/š/.
	Middle Persian (Psalter) 34 (Skjærvø 1996: 518) semkat <s>.</s>
	Middle Persian (inscriptional) 12 (Rosenthal et al. 1986–2011: Table 3); (Ḥājiābād, 3 rd c. AD) 12 ,
	(coins, 4 th –6 th c. AD) J (Taylor 1883, Vol. II: 236); ♦ (Clauson 1970: 75); (Early Cursive Pahlavi) U (Skjærvø 1996: 518); (Book Pahlavi) U (MacKenzie 1971: xi) <i>šin</i> <š>/š/
	Palmyrene V, V (Harmatta, 2000: 181) šīn <\$>.
	Hatran (H 79, shortly before AD 240) △ (Beyer 1998: 10, 47–48); ८, ▷, ८, ₾, ₾, ❤ (PROEL:
	Alfabeto Hatran. http://www.proel.org/index.php?pagina=alfabetos/hatran, accessed: 2016) <š>.
	<i>Armazian</i> ★, ♦ (Cereteli 1948–1949 <i>apud</i> Róna-Tas 1987: 14) <š>.
	Sogdian (sutra) 🏞, 🏕 (Skjærvø 1996: 519); (Ancient Letters, early 4 th c. AD) → semkat <s>.</s>
	Sogdian (Ancient Letters, early 4th c. AD) M (Harmatta 2004: 186); (Sutra) 2, 2 (Skjærvø 1996: 519)
	<i>šin</i> <š> /š/.
SFG-88	Parthian (coins of the Parthian kings, 1 st –2 nd c. AD) ∠ (Taylor 1883, vol. II: 236) šīn <š>/š, ž/ (Skjærvø
	1996: 518).
	Middle Persian (Psalter) (Bulayïq, 6 th –7 th c., a copy of an origin from the 4 th c. AD) (Skjærvø 1996:
	518) šin <š> /š/
	Syriac (Estrangela) ♣; (Nestorian) ♣ šīn/shin <š>/š/.
SFG-89	<i>Parthian</i> (Avroman, 13/12 BC) y (Minns 1915: 62) <i>šīn</i> <š> /š, ž/ (Skjærvø 1996: 518).
	Nabataean (late) ν (Macdonald 2008: 218) $\delta \bar{\imath} n < \delta > /\delta / \delta$.
	Khwarazmian (coins) F, F, F, F, F, M, (Toprak-kala) F, (bowls) F, F, (Tok-kala, 7 th -8 th c. AD)
	(Vainberg 1977: Table VIII) <š>.
	Arabic (early) س (Macdonald 2008: 218); (Naskh) (7 th c. AD) W (Taylor 1883, Vol. I: 326); (Kufic) العام (Faylor 1890, 08); (Macdonald 2008: 218); (Naskh) (7 th c. AD) العام (Faylor 1883, Vol. I: 326); (Kufic)
	(Faulmann 1880: 98); (Mauritanian) W (Fry 1799: 6); (African) W (Fry 1799: 8); (modern)
ara oo	(Macdonald 2008: 218) sīn <s>/s/.</s>
SFG-90	Arabic (early) بند (Macdonald 2008: 218); (Naskh) (7 th c. AD) بند (Taylor 1883, Vol. I: 326); (Kufic) بند (Fourlesson 1890, 08) منتا المناطقة ال
	(Faulmann 1880: 98) <i>šīn</i> <š, sh> /∫/.
SFG-91	Arabic (Mauritanian) ₩ (Fry 1799: 6); (African) ♦ (Fry 1799: 8); (modern) ♦ (Macdonald 2008: 218)
	<i>šīn</i> <š, sh> /∫/.

SFG	Features of taxa (graphemes of script variants)
SFG-92	Old Aramaic (Zinjîrîû inscriptions, late 9th c. − 8th c. BC) ≯, ≯; (Deir 'Allā, around 800 BC) ≯ (Glass 2000: 14); (around 900− around 800/775 BC) (Rollston 2008: 85) ≯; (10th−6th c. BC) ≯, ≯ (Gibson 1975); (Nineveh, 7th c. BC) ≯, ≯ (Taylor 1883, Vol. I: 250) tāw <t> /t/. Imperial Aramaic (satrapies, 5th−4th c. BC) ≯, ≯, (monuments, Egypt, 4th−3rd c. BC) ħ, (papyrus, Egypt, 2nd c. BC) ħ (Taylor 1883, Vol. I: 250); (7th−6th c. BC) ≯, ♠, (6th c. BC) ≯ (Gibson 1975); (Elephantiné papyri, 6th c. BC) ♪ (Glass 2000: 14); (Daszkyleion) ħ, (Kandahar) ℎ (Rosenthal et al. 1986−2011: Table 3); (Aśoka, around 250 BC) ħ (Glass 2000: 14); ℎ (MacKenzie 1971: xi); (monumental) ℎ, (Assyrian and Egyptian papyri) ħ, (Babylonian Bowls) ħ, ⊅ (Faulmann 1880: 79) tāw <t> /t, θ/. Hebrew (Qumran Manuscripts, 1st c. BC) ħ, (Text of the Pentateuchus Masoret, 9th c. AD) ħ tāw <t &="" (avroman,="" (coins="" (early,="" (faulmann="" (häberl="" (hājiābād,="" (inscriptional)="" (inscriptions,="" (ivantchik="" (mackenzie="" (rosenthal="" (skjærvø="" (taylor="" .="" 12="" 13="" 1880:="" 1883,="" 1971:="" 1986−2011:="" 1996:="" 1st="" 1st−2nd="" 2006:="" 2013:="" 236)="" 290);="" 3);="" 3rd="" 518);="" 57);="" 84)="" <t="" ad)="" al.="" bc)="" c.="" d="" et="" ii:="" kings,="" lurje="" nabataean="" nisa,="" of="" parthian="" t,="" table="" the="" tāw="" vol.="" xi);="" ħ="" ħ,="" θ="" ℎ="" ⊅="" ⊅,="" ♠,="">. Middle Persian (inscriptions, 3rd c. AD) ⊅ (MacKenzie 1971: xi); ⊅ (Rosenthal et al. 1986−2011: Table 3); ⊅ (Skjærvø 1996: 518); (Hājiābād, 3rd c. AD) ⊅ (Taylor 1883, Vol. II: 236); (Sassanid gemma from an Avar cemetery, Szarvas, not later than 6th c. AD) ₺ (Harmatta 2003: 306, 309) tāw <t>/t, d/.</t></t></t></t>
	Palmyrene (Palmyra, 2 nd c. AD) 𝔰 (Taylor 1883, Vol. II: 236) tāw <t>. Hatran (H 79, shortly before AD 240) 𝔰 (Beyer 1998: 10, 47–48) <t>. Syriac (Nestorian) 𝔊 taw/tau <t> /t, t/. Armazian 𝔭, 𝔭 (Cereteli 1948–1949 apud Róna-Tas 1987: 14) <t>. Khwarazmian (Chirik-Rabat [Kyzylorda Region, Kazakhstan], 4th–2nd c. BC) 𝔻 (Ivantchik & Lurje 2013: 286–287) <t>. Sogdian (early, Kultobe, before 4th c. AD) 🎵 (Sims-Williams & Grenet 2006: colour illustrations without page numbering); (Ancient Letters, early 4th c. AD) 🗲 (Skjærvø 1996: 519); (Ancient Letters,</t></t></t></t></t>
SFG-93	beginning of 4 th c. AD) ħ (Harmatta 2004: 186); (sutra) \ \ (Skjærvø 1996: 519) tāw <t>/t, θ/. Middle Persian (coins, 4th–6th c. AD) P (Taylor 1883, Vol. II: 236); (Psalter) (Bulayïq, 6th–7th c., a copy of an origin from the 4th c. AD) ▶ (Rosenthal et al. 1986–2011: <i>Table 3</i>); \ (Skjærvø 1996: 518); (Early Cursive Pahlavi) ▶ (Skjærvø 1996: 518); (Book Pahlavi) ▶ (Rosenthal et al. 1986–2011: <i>Table 3</i>); \ (Skjærvø 1996: 518) tāw <t>/t, d/. Syriac (Estrangela) \ taw/tau <t>/t, t/. Khwarazmian (coins) ♠, (Tok-kala, 7th–8th c. AD) ♠ (Vainberg 1977: Table VIII) <t>. Sogdian (Ancient Letters, early 4th c. AD) ♠ (Skjærvø 1996: 519) tāw <t>/t, θ/.</t></t></t></t></t>
SFG-94	Nabataean (late) کے (Macdonald 2008: 218) <t>. Arabic (early) ل (Macdonald 2008: 218); (Kufic) (Faulmann 1880: 98) tā'/te <t>/t/.</t></t>
	Arabic (early) له (Macdonald 2008: 218); (Kufic) (Faulmann 1880: 98) $t\bar{a}'/the < t$, th>/t/ [θ].
	Arabic (Naskh) (7 th c. AD) (Taylor 1883, Vol. I: 326); (African) (Fry 1799: 8); (modern) (Macdonald 2008: 218) tā'/te <t>/t/.</t>
SFG-97	Arabic (African) Ξ (Fry 1799: 8); (modern) Ξ (Macdonald 2008: 218) $\underline{t}\overline{a}$ 'the $\langle \underline{t}, \text{ th} \rangle$ /t/ $[\theta]$.

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