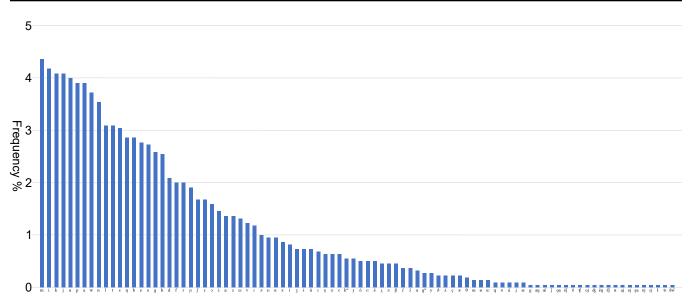
Appendix 1 - Prior Segment Frequencies



Appendix 2 - Symbols

Ψ Phylogeny

The (possibly unknown) relationship between entities resulting from an evolutionary tree

Tree topology τ

Information on the relationships of the languages

Substitution rate μ

the rate at which the language changes

NSampled languages

The number of languages in a sample

ν Expected events

The expected number of evolutionary events that occurred between two languages

Past times t

Times of branch events

BPossible rooted trees

A Segmental alignment

Constructed by combining the word segment information for the languages of interest with information on the homology

S Segmental information

Information on the homology of the segments

S Segment

Linguistic segment

ith segment \mathbf{S}_i

H

Homology map
The map describing the alignment of the segments

Rate Matrix Q

β Rate matrix scaling factor

Scales the rate matrix such that the average rate of segmental substitution is one

P **Probability**

The probability the process ends in certain state

PMarginal Likelihood

Equilibrium distribution π

Rate of segment insertion λ

Rate of segment deletion μ

Appendix 2 - Symbols

n	Word length
	Number of segments in a word

Rate parameter r

Rate parameters Parameters associated with the rate matrix θ

θ' **Proposal**

New value proposal

Proposal probability q

Probability of new proposal

Random number u

RAcceptance probability

Probability of accepting a proposed value

MModel

Mathematical model for linguistic parameters

BF**Bayes Factor**

A numerical factor related to the quality of the model fit

XUnknown

meß, maðre, mædre, meß, patre, peß, paðre, pædre, nemæl, nəmaje, piskem, peθ, pe∫e, pe∫, pe∫te, awem, abe, awikellum, useʎ, passerem, passero, pasəre, peduklus, pedoli, pədukje, flo:rem, fjo:re, floare, ne, nariʧe, so:lem, sole, soare, soreli, lune, etwal, estreja, stella, istrelɐ, iftrelɐ, stele, age, ploje, ploaje, mare, meß, sælem, sale, se, sare, terra, teß, tjera, teße, teire, kæli:ginem, kalidjine, nebula, njebla, nebbja, newlə, negurə, tene:braj, tɛ:nebre, tene:bra:s, tenɛße, tinjeblas, tɛ:nebre, tənebrəs, fyme, fumate, θjelo, ʧer, wentum, bjento, ben, fwego, no:men, no:me, nume, no:minem, nombre, lengwa, bibere, bebe, bere, bebeß, biβer, bevi, komedere, komer, kome, kumer, manduka:r mɑ̃ze, mandʒare, morde:re, morðer, mordere, moßdeß, murðer, morsika:re, morsikare, murseka, su:gere, syse, sudæ, konspuere, kɔ̃spye, eskupir, sputere, esputar, sputare, ski:re, sapere, saber, sabeß, sɛber, kogno:skere, konoθer, konof∫ere, konesæß, kuniser, kunogafte, ko:gitæ:re, kuide, kodjitare, kudæta, pe:nsa:re, pɑ̃se, pensar, pensare, pɛ̃se, pensa:, time:re, temer, temere, temeß, time temə, temi, teme, tremere, tremar, tremæß, trimer, dormi:re, dormire, wi:were, vivere, viveß, viver, morire, moßeß, mußer, nekæ:re, nwaje, neka, anegar, annegare, tue, tuwe, maktæ:re, mate, okki:dere, utʃidere, utʃide, pugnæ:re, puŋnare, battuere, battere, bateß, beter, bate, kaptiæ:re, ∫ase, kattʃare, pulsæ:re, puse, pulsare, sekæ:re, sje, segar, segare, segaß, seæ;, kurtæ:re, ekskurtæ:re, ekuste, skortare, tæilæ:re, tuje, taʎʎæ:re, di:widere, divide; divide, skindere, sēde, ſindere, finder ender, fɛndere, fēdeß, fēder, parti:re, partire, se:paræ:re, səvʁe, separar, separare, separaß, separar, separare, separaß, separar, separare, saper, radere, radere, radere, radere, radere, fadere, hawæ:re, kavære, çuvle, ekskæwæ:re, eskæbar, skævære, natæ:re, nwotare, navigæ:re, naze, rasare,	Char.	Segment	Words containing this segment
ekstender, estendere, istēder, istēder, əstendrə, ekstinde, jake:re, zeziß, jaθer, daße:re, zezeß, zezeß, zezeß, dere, eseß, sedere, seß, sedenaire, sentar, sentar, sentar, stare, estar, stare, levaße, divare, jebar, levaße, levaß, levaß, altiaire, ose, altsare, tornaire, tunne, tornare, turne, gyraïre, ziße, dirare, viße, virare, torkweire, torθer, torßere, turser, toarße, kadere, kaer, kadere, fjade, töße, tume, teneire, tenere, tenere, ter, teine, segurar, eksprimere, epßeß, ekspremir, spremere, ißpromeß, ißpromeß, aspreme, esprimi, skreme, serrere, serar, seßa, serare, seße, θerar, serrare, seße, appektoraïre, apretar, stringere, etßeß, estreßiß, strindgere, stringe, strindge, frikaïre, fßeje, fregar, fregare, frea, freka, friktaïre, fßete, frettare, lawaire, lave, lavare, tergere, terdgere, estarsiß, strerde, eksußare, esuijße, enxugar, aßugare, suwe, limpidære, tiraïre, tiße, tirare, tire, puse, trahere, trarre, traze, trzzer, tradæ, impingere, impindære, impindæ, jaktaïre, zəte, eßar, dettare, dæte, lankeaïre, låße, lanßare, eirunkaïre, arronßare, ligaïre, lie, legar, legare, leaß, aptaïre, koinsuere, kosær, kußire, kuzer, coase, komputare, köte, kontare, enumerare, enumera, enumera, dickere, deθiß, dire, dizer, ziße, ekspoinere, sporre, spune, kantaïre sate, kantare, steße, luidere, jokaïre, zwe, dokare, duwe, fluktuaïre, flyktue, fluttuare, fluitaïre, fluitare, fluere, flye, fluire, koilaïre, kule, kolare, kole, ekskurrere, eskuriß, skorrere, ißkoßeß, ißkußer, skurde, kurrere, korer, korrere, koßeß, kußer, kurdæ, gelaïre, zəle, elaß, delare, dale, glakiaïre, glaße, gjatßjare, inglakiaïre, inge tsa, ßyßle, brußare, ßbwile, kremaïre, kemaß, kemaß, kemaße, kejmaße, flagmaße, flagmaße, flagmae, inkendere esädje, enθender, inßendjare, īsendjar, ənsendrə, inßindge, ustulaïre, ustolare, alter, grandem, grande, grande, majjorem, mare, le, grabe, greve, grew, grew, lerdo, pesaðo, pesante, pezadu, pezani pekeno, pekenu, pikenu, brewis, brebe, breve, brew, bßef, etßwa, estreßo, stretto, menudo, delyaðo delikato,			ego., ew, jew, usted, vose, vose, voste, embra, femmina, femet, femje, fembra, femeje, mulierem, muxer, moxóe, muxée, muxée, muxée, muxée, muxée, muxée, muxée, mure, moxóe, muxée, muxée, muxée, muxée, muyer, epue, sposo, matrem, men, mañe, epuz, esposa, mulier, muxer, moxóe, muxée, muxée, muxée, pusée, pel, pelfe, p

1	g	ego:, agwe, lago, lagu, ka:li:ginem, negurə, fwego, fogu, lãg, leŋgwa, lingwa, lĩgwe, musəga, musəgar, su:gere, sugae, sugae, kogno:skere, ko:gita:re, nəga, anegae, annegare, segae, pungere, jugula:re, ʒygyle, nabegae, navigare, nəbəga, naviga, segurae, sɨgurae, fregae, frəga, iffrigae, tergere, ekstergere, enxugae, affugare, ēfugae, əfuga, liga:re, legae, legae, zogae, zuga, flugtwae, gela:re,
		glakia:re, glase, gjattfjare, gləsa, inglakia:re, flagra:re, flagra:, flagrar, flagrare, flagrar, awgū, ałgū, əlgu, gkū, grande, grædi, grædi, longum, lungo, lõgu, largo, lakgu, largu, grawis, gkav, grabe, greve, gravi, gravi, grew, angustus, angosto, angusto, dewgadu
2	O:	ego:, no:s, no:i, no:, wo:s, vo:i, vo:, homo:, spo:s, flo:rem, fjo:re, flo:r, so:lem, no:men, no:me, no:minem, kogno:skere, ko:gita:re, ko:nsuere, ekspo:nere, ko:la:re, to:tus, po:k, duo:s, kwando:, kwo:modo, no:n
3	3	ʒə, ʒə, pluʒə, kaliʒẽj, kɐliʒɐj, mɑ̃ʒe, mɐ̃ʒaʁ, mɐ̃ʒar, məɲʒa, kuʒitaʁ, kuʒitar, pũʒiʁ, pūʒir, ʒygyle, naʒe, ʒeziʁ, ʒɐzeʁ, ʒɐzeɾ, ʒawɾə, ʒiʁe, ʒiɾar, ʒiɾa, ə∫trĩʒir, ə∫trĩʒir, əstərʒi, ʒəte, ʒejtar, ʒwe, ʒogaʁ, ʒuɣar, ʒuga, ʒuka, ʒəle, ʒɨlar, ʒəla, ɨnʧindʒe, laʁʒ, duːʒeː, ʁuʒ
4	Э	ʒə, dɔnə, doamnə, əmə, əspəzə, mərit, əspəs, marə, parə, tatə, nəmaje, pasəre, pədukje, bokə, bukə, gurə, ʎunə, lunə, əstɛl, ajywə, apə, pluʒə, tɛrə, tsarə, newlə, negurə, tənebrəs, ʧeaʧə, limbə, bɛwrə, məŋza, musəga, musəgar, musəya, əskupi, səβɛ, kunɛʃə, pənsa, pəsa, temə, biwrə, nəga, məta, batrə, kəsa, səya, təʎa, təja, fɛndrə, pərti, səvʁe, səpəra, rawrə, rəza, rəska, kəba, nəda, nəbəga, ∫əmine, kəmina, vəniʁ, bəni, əstendrə, ʒawrə, zəʧea, əsta, ləve, ʎəba, əlsa, tərsə, kawrə, kədea, təniʁ, təni, i∫prəmeʁ, i∫prəmer, əspremə, səʀar, səra, ə∫trīʒir, ə∫trīʒir, əstrɛpə, frəga, frəsa, əstərʒi, ə∫uga, trɛwrə, əmpɛpə, ʒəte, ʎənsa, kənta, əskorə, korə, ʒəle, ʒəla, gləsa, krəma, ənsendrə, əlgu, altrə, amplə, pəzɑ̃, pəzat, pəti, pətit, əstrɛt, məny, mənut, mərunt, dəlikat, destrə, bərmɛʎ, dowə, kwatrə, əʎa
5	j	jo, estreja, jubja, jaθer, jebar, aja
6	O	jo, io, jo, nos, no, bos, voſ, vos, vose, voste, moʎle, domina, dona, done, hominem, ombre, omẽj, om, homo:, womo, nino, nino, sponsa, esposa, ispoza, iʃpoze, moʎle, mariðo, marito, sponsus, esposo, spozo, ispozu, iʃpozu, sokius, sotʃo, sots, omaj, wazo, uttʃello, paxaro, passero, pjoxo, pidokkjo, piolu, poʎ, pedoli, fruto, frutto, flor, floe, naso, na:so, boka, bokka, boke, boko, sol, sole, solikulus, soreli, o, pjodæ, ploje, lago, lago, θjelo, tʃelo, bjento, vento, fokum, fwego, fwoko, fogu, foɣu, fok, ano, anno, nomi, nomi, nombre, komedere, komer, kome, morde:re, moßer, moßer, moßeß, morsika:re, moskar, morsika:re, konspuere, kogno:skere, konoθer, konoʃʃere, kopeseß, konosi, koæjitare, dormi:re, dormir, dormire, doßmiß, dormi, morir, morire, moßeß, okki:dere, kortar, koßtaß, skortare, kosal, fodere, nwotare, wola:re, vole, bolar, volare, voaß, zvolare, zvola:, ose, torna:re, tornar, tornare, toßnar, tornar, torkwe:re, torθer, appektora:re, fßote, frotar, arrontfare, kosær, komputa:re, kontar, kontare, konta:, sporre, joka:re, фokare, zogaß, kolar, kolare, koaß, skorrere,
		iʃkoʁeʁ, əskorə, skori:, korer, korere, koʁeʁ, korə, kori, ustolare, omne:s, opni, todo, tutto, todu, toðu, tot, muʧo, molto, mol, molc, tanto, okœ̃, alguno, alkuno, poko, poko, powku, otʁ, otro, altro, owtru, mano, manno, majjorem, longum, longo, lungo, ʎon, laryo, largo, lato, anʧo, ampjo, lerdo, lordo, pesaðo, pekeno, pitʧino, pikkolo, korto, korto, angosto, angusto, estreʧo, stretto, menudo, minuto, delyaðo, delikato, sottile, djestro, destro, dereʧo, rubro, roxo, rosso, ʁoʃʊ, ʁoʃu, ros, roʃu, beɾmexo, vermiʎʎo, rubjo, rɔbbjo, rubeo, uno, dos, dowə, kwattwor, kwatro, kwattro, θinko, kwando, kwo:modo, komo, kome, komu, no, non

7	i	io, no:i, vo:i, fe:mina, femmina, fεminε, mulierem, domina, hominem, infantem, infante, ĩf ễʧi, nino, nino, ispoza, mulier, maʁi, mariðo, marito, maridu, mæriðu, marit, mərit, ispozu, sokius, mari,
		pari, animalia, alimana, be:stia, bi∫a, bi∫e, bis, piskem, pej∫i, avi, awikellum, pidɔkkjo, pioʎu,
		pedoli, fʁqi, naɾiθ, naɾife, naɾis, nɐɾiʃ, solikulus, soreli, istɾelɐ, pluwia, plqi, ka:li:ginem, kalina, kaliʤine, kaliʒēj, kɐliʒēj, tinjeblas, kajkia, vint, nomi, no:minem, lingʷa, lingwa, limbə, bibere, bevi,
		mwardi, morsika:re, morsika:e, kuspis, kuspir, eskupir, eskupi, sti, kinoh, konosi, ko:gita:re, kuide,
		kwidar, koditare, kuzitar, kuzitar, time:re, temi, trima:, dormir, dormir, dormire, dormir, dormir,
		durmi, dwakmi, dormi, vivk, bibir, vivere, vivek, viver, biwrə, vivi, via, mukik, morir, morire, muri,
		mori, muri, tu:ta:ri, oksik, utfidere, uksi, utfide, batir, bati, kaptia:re, ta:lia:re, di:widere, dibidir,
		dividere, dividis, dividir, dibidi, dividi, divide, skindere, sindere, findere, partir, partir, partire,
		paʁtʃiʁ, pɐɾtiɾ, pərti, pɔːʀti, pũʒiʁ, pũʒiɾ, puṇi, fwiʁ, iʃkɐvaʁ, iʃkɐvaɾ, naviga:re, navigare, naviga:, naviga, ʃəmine, kaminar, kamminaɾe, kɐminaʁ, kɐminaɾ, kəmina, ʧimine, camina:, ambita:re,
		vənik, benir, venire, vik, vir, bəni, vini, vini; veni, istedek, istedek, ekstinde, zezik, jesi, altia:re,
		ziвe, xirar, dirare, zirar, zira, dira:, viвe, birar, virare, virar, bira, keir, təniв, təni, tini, tinji, tsine,
		eksprimere, ekspremir, ispromer, ispromer, esprimi, stringere, estrenir, strindere, ostrizir, ostrizir,
		stringe, frika:re, frikta:re, frisar, estarsir, əstərzi, esqije, limpida:re, limpjar, tira:re, tirar, tirare, tfira, tira, tira, tira; impingere, impingere, impinge, xita, liga:re, lie, Aiya, kutfire, kuzi,
		kuzi, diʁ, deθir, dire, dizer, di, zife, ludir, fluita:re, fluitare, fluir, fluire, flwiʁ, flwir, flui, eskurir,
		iskonen, iskuner, kunin, kori, glakia:re, inglakia:re, inkendere, intendjare, intindze, oppi, altri,
		alius, grēdzi, grawis, gravi, grevi, pittitus, pəti, pətit, piti, pittinus, pitʧino, putsin, pitulus, pikkolo,
		pitful, brewis, brevi, striktus, istrejtu, minu:tus, minuto, miudu, miuðu, minu, minu:t, de:lika:tus,
		delikato, dəlikat, sutil, sottile, sutfiw, suptil, su:ti, subtsire, direjte, direjte, vermikulus, vermiλλο, wiridem, kwatri, θinko, tfinkwe, sink, tfink, tfint, isi, aki, kwi, eki, illa:k, ibi:, vi, ai, ei, kwis, ki, kwi,
		tine, kwid, ni, i, si
8	w	ew, jew, wo:s, womo, pwasõ, awem, aw, awikellum, wazo, sow, etwal, aywa, akkwa, agwe, ajywə,
		ε:w, pluwia, saw, nενwe, newlə, sεw, wentum, fwego, fwoko, lengwa, lingwa, ligwe, bwaß, bεwcə,
		mwardi, savwaß, kwidar, dwaßmi, wi:were, biwrə, nwaje, tuwe, di:widere, pwɛ̃dß, rawrə, fwiß, kawa:re, ekskawa:re, nwotare, wola:re, vwar, weni:re, ʒawrə, swaß, ∫waß, kawrə, lawa:re, suwe,
		trewro, zwe, dzuwe, flugtwar, flwir, awgū, powku, owtru, aw, grawis, grew, grew, brewis,
		brew, etswa, dewgadu, sutfiw, dswat, wiridem, dowə, tswa, kwattwor, kwatro, kwatru,
_		kwatra, kwat, kwatri, ffinkwe, kwi, kwi, kwa, kwe:, kwando, kwedu, kwan, kwand, kwant
9	Э	33, nojs, no∫, vojs, vose, donna, donə, done, om, omẽj, omə, om, womo, spoza, əspozə, spozo, əspos, soʧo, pidokkjo, flo, bok, bocε, sow, soł, sol, solo, solej, njoly, fwoko, fok, nom, noŋ, mordere, konεtʁ,
		kinoh, domin, mori, oksin, vole, torder, tordere, torsə, loji:, kole, to, poko, pok, ros, robbjo, rot, komã,
		kom, komš
10	dz	фі, pjodda, kalidine, mandare, sude, koditare, kudeta, dividiв, pundere, punde, nedi:,
		merdere, merde, datse: e, dere, dirare, dira:, strindere, strinde, terdere, sterde, trade,
		impindere, impinde, dettare, dete, dokare, duwe, duja:, skurde, kurde, delare, dale, îsendiar, grêdi, rude
11	I	di, na:ris, îsendiar
12	j	jo, jew, nojs, vojs, femje, femeje, mujere, mujere, omaj, nomaje, utfjel, pjoxo, pidokkjo, pju, podukje,
		frujt, fjo:re, jubja, pjodʤa, ploje, ploaje, tjera, tjere, njoly, njebla, nebbja, tinjeblas, sjel, θjelo, bjento,
		skujpa, kujda, sje, taje, teji:, taja:, təja, jugula:re, jugula:re, jake:re, jesi, fjade, tinji, esqije, suja:,
		limpjar, jakta:re, lɔji:, joka:re, ʤuja:, gjatʧjare, fjammare, ɛ̃sɑ̃dje, inʧɛndjare, ĩsẽdjar, majjorem, ampjo, djestro, rubjo, rɔbbjo, kjen
		10 / 0 / / 2000-1 1

13 no:s, nu, nos, no:i, nojs, nof, no, no:, noj, fe:mina, femmina, femine, domina, donna, dona, dona, n done, doamne, hominem, infantem, infante, fante, nipo, nipo, nenej, nen, sponsa, sponsus, animalia, nema:l, nəmaje, na:sus, ne, naso, na:so, nas, na:s, nas, nariθ, naritfe, naris, nɐɾiʃ, na:rıs, lu:na, lyn, luna, ʎunə, løn, lune, lunə, ka:li:ginem, kalina, kalid;ine, nebula, njɔly, njebla, nebbja, nενwe, newlə, negurə, tene:braj, tε:nebre, tene:bra:s, tenεbε, tinjeblas, tε:nebre, tənebrəs, wentum, bjento, vento, ben, vint, vint, annum, anno, enu, an, no:men, nõ, no:me, nomi, nomi, nom, nõ, non, nume, no:minem, nombre, lingwa, lingwa, lenge, manduka:re, mandukar, mandare, minka, konspuere, kogno:skere, konεtʁ, konoθer, konoʃʃere, kunɛʃə, kinəh, kuno̞aʃte, pe:nsa:re, pensar, pensare, pensa, neka:re, nwaje, neqa, neka, anegar, annegare, pugna:re, skindere, ſindere, findere, ender, fendere, fendre, pungere, punchere, punche, nata:re, nadar, nwotare, nadar, nedar, neda, nada:, naviga:re, naze, nabegar, navigare, naviyaκ, nενίγαι, nəbəga, nεκί;, naviga:, naviga, ſəmine, kaminar, kamminare, kəmina, fimine, camina:, andar, andare, weni:re, vəniʁ, benir, venire, bəni. vini, veni, ekstendere, ekstender, estendere, əstendrə, ekstinde, sedenta:re, sentar, senta:, torna:re. tukne, tornar, tornare, toknak, turnar, turna, turne, torna:, turna, tene:re, tənik, tener, tenere, təni, tini, tinji, tsine, stringere, strindere, stringe, strengi:, strinde, enxugar, impingere, impindere, impincke, lankea:re, lanθar, lantfare, λənsa, lanci:, lantfa:, e:runka:re, arankar, arrontfare, ko:nsuere, kontar, kontare, konta:, e:numera:re, enumere, enumerar, enumerare, enumera, numara, ekspo:nere, spune, kanta:re, kantar, kantare, kənta, canta:, kɨnta, inqlakia:re, ɨngetsa, inkendere, enθender, int[endjare, isendiar, ensendre, int[indze, omne:s, tantus, tanto, tant, tanc, alguno, alkuno, magnum, grandem, qrande, grande, grant, longum, longo, lunqo, lunk, lung, antfo, pe:sant, pesante, pezant, pittinus, pittino, pekenu, pikenu, putsin, angustus, angosto, angusto, minu:tus, məny, menudo, minuto, mənut, minu, minu:t, mərunt, u:num, uno, un, unu, kwi:nkwe, θinko, finf, kjen, fine, kwando, kwando, kwando, kwant, kind, no:n, nõ, no, non, nõw, nu, nek, ni, ne, nej, nej, ne 14 no:s, nos, nojs, wo:s, bos, vojs, bus, vos, usted, vose, vose, voste, sponsa, esposa, spoza, ispoza, əspozə, mari:tus, sponsus, esposo, spozo, ispozu, əspos, spo:s, sokius, sətʃo, sots, be:stia, bis, piskem, pɛs, pwasõ, useá, passerem, passero, paseru, pasəre, peduklus, fru:ktus, na:sus, naso, na:so, nas, na:s, nas, narīs, na:rīs, so:lem, sol, sole, sɔw, sɔł, sɔl, sɔlɔ, soare, solikulus, sɔlɛj, soreli, ste:lla, estreja, stella, istrele, əstel, støil, stele, stea, sailem, sel, sal, sale, saw, se, sail, sare, teneibrais, tinjeblas, tənebrəs, fumase, sjel, sew, sel, si:ʁ, morsika:re, moskar, morsikare, musəqa, musəqar, musəya, murseka, su:qere, syse, suqar, sysi:, sud;e, konspuere, kõspye, kuspir, eskupir, eskupi, skujpa, sputere, esputar, sputare, spuda:, ski:re, sapere, savwar, saber, saber, seber, səβε, savø:r, save:, koqno:skere, koneseg, kuniser, konosi, pe:nsa:re, pase, pensar, pensare, pesag, pensa:, pəsa, əksir, uksi, ſase, kasar, kesar, kəsa, ʧɛsi:, pulsa:re, puse, pulsare, pulsa:, pulsa, seka:re, sje, segar, segare, seqar, siyar, səya, sea:, ekskurta:re, skortare, skurta:, skurta, skindere, sɛ̃de, se:para:re, səvke, separar, separare, separak, sɨperar, səpəra, separa:, separa, rasar, rasare, rasa:, raskar, rəska, kosal, kusar, ekskawa:re, eskabar, skavare, ekstendere, ekstender, estendere, istedeß, əstendrə, ekstinde, jesi, sede:re, swaß, ser, sedere, seß, sedenta:re, sentar, setar, senta:, sta:re, estar, stare, əsta, ɛs, sta:, sta, ose, alsa, alsar, əlsa, hɔ:si:, turser, tɔrsə, segurar, sigurar, siyurar, eksprimere, ekspremir, spremere, əspremə, esprimi, skreme, serrere, serar, serar, sərar, səra, serare, seue, serrare, siuar, sene, stringere, estrepir, strindere, əstrepə, stringe, strengi:, strinde, frisar, frəsa, ekstergere, estarsir, əstərzi, eksu:ka:re, esqije, suwe, suja:, uska, puse, pu:si:, pulsa:, lãse, lẽsa, lesar, Aənsa, ko:nsuere, koser, coase, ekspo:nere, sporre, spune, ekskurrere, eskurir, skorrere, əskorə, skori:, skurde, qlase, qləsa, ɛ̃sɑ̃dje, ı̃sendıar, ı̃sẽdjar, ənsendrə, ustula:re, ustolare, ustura, omne:s, to:tus, multus, tantus, paukus, alius, qrawis, lurdus, pe:sant, pesaðo, pesante, pittitus, pittinus, pitulus, kurtus, brewis, anqustus, anqosto, anqusto, ingust, striktus, estretfo, stretto, istrejtu, əstret, strø;, stret, strimt, minu:tus, de:lika:tus, subti:lem, sutil, sottile, sufiw, suptil, su:ti, suti:l, subtsire, dekstrum, djestro, destro, destro, destro, di:re:ktus, destra, russus, rosso, ros, ros, vermikulus, rubeus, duo:s, dos, dojs, duas, dues, tre:s, tres, tres, sek, siku, sink, isi, kwis, si:k

sted, mulierem, muxer, muλeβ, muλeβ, muλe, mui:r, mujere, epuz, mulier, muxer, nuλe, mui:r, mujere, mari:tus, maridu, meriðu, sponsus, epu, ispozu, i∫pozu, sokius, llo, useλ, uʧjɛl, pasɐɾu, peduklus, pu, pioλu, pju, pədukje, fru:ktus, fruto, frutto,
frukt, na:sus, bukka, bu∫, bukə, gula, gurə, solikulus, luna, luɐ, λunə, lune, lunə,
ve, pluzə, lakum, lagu, layu, nebula, negurə, fumata, fuma:ta, fumase, fumate,
větu, fokum, fogu, foyu, annum, enu, nume, kumer, manduka:re, mandukar,
musəgar, musəya, murseka, sugar, sugar, cuca:, sudze, konspuere, kuspir, kuſpir,
skujpa, sputere, esputar, sputare, spuda:, kuniser, kunɛʃə, kunoaʃte, kuʒitaʁ,
uczeta, durmir, durmi, durmi:, musis, muser, muri, muri:, muri, tuwe, utsidere,
na:re, punar, punnare, puna, battuere, pulsa:re, puse, puxar, pulsare, puʃaʁ, puʃar,
ta:re, kurtar, ekskurta:re, ekurte, skurta:, skurta, pungere, puncere, puni, punce,
re, kusar, bula, zbura, lua, tuune, turnar, turna, turna, turser, tumbar, tumba,
gurak, sɨɣurar, enxugar, affugare, effugar, effugar, əffuga, suwe, suja:, uska, puse,
, aruŋka, ko:nsuere, kudʁ, kuʧire, kuzer, kuzi, kuzi, komputa:re, kumta,
mere, enumerar, enumerare, enumera, numara, spune, ludir, xugar, zuyar, zuga,
a, flu:ktua:re, flugtwar, fluttuare, flutuaß, flutuar, fluktua, fluctua, fluita:re, fluir, fluire, flui, kule, kuar, kuła, ekskurrere, eskurir, i∫kuʀer, skurʤe, kurrere,
rde, brufare, bruza:, ustula:re, ustolare, ustura, to:tus, tu, tutto, todu, toðu, dut,
o, mūjtu, mult, tantus, tētu, tētu, alguno, alkuno, əlgu, paukus, powku, owtru,
ongum, lungo, lõgu, lunk, lung, largum, largu, largu, lartum, latu, amplum, ε̃ſu,
du, pizaðu, pittitus, pittinus, pekenu, pikenu, putsin, pitulus, pitful, kurtus, kur,
rt, kurt, angustus, angusto, ingust, striktus, istrejtu, iftrejtu, minu:tus, menudo,
niuðu, mənut, minu, mərunt, de:lika:tus, dewgadu, delyaðu, subti:lem, sutil, sufiw,
sire, dekstrum, dεstru, dεftru, di:re:ktus, ruber, rubro, russus, κα, κο∫α, το∫α,
neśu, virmejśu, rubeus, виз, rubjo, rubeo, ruce, u:num, uno, un, un, unu, duo:s,
lues, duef, kwatru, patru, sĩku, ekkumhi:k, kwẽdu, komu, kum, nu
ffpozu, biffa, bife, peffe, pejfi, pejfi, pef, pefte, nerif, buf, iftrele, fuve, trevef,
Jere, kunεfə, kunoafte, sase, pusar, pusar, sindere, raskar, reskar, iskevar, marse, isteder, sedea, istar, altsar, swar, isprəmer, əstrizir, əstrizir,
masje, ij teuer, jeuga, ij tar, arija, j was, ij promes, ij promer, oj trigir, oj trigir, , stercke, assugare, ẽsugar, ẽsuvar, osuga, sate, iskoses, iskurer, ẽsu, istrejtu, destru,
dojf, duef, tref, fi
, dojs, doj∫, doj
, vos, vo:, voj, vose, vose, voste, avi, avi, ∫uve, nεvwe, trεve∫, vα, vento, vetu, vē,
avwaʁ, savø:ʀ, save:, vivʁ, vivere, viveʁ, viver, vivi, via, dividere, фiviфiʁ, diviðir,
vве, kavare, kɐvaʁ, kɐvaɾ, çɑ:vle, ɟava:, skavare, i∫kɐvaʁ, i∫kɐvaɾ, zɟava:, naviga:re,
в, nevivar, naviga:, naviga, vole, volare, voaв, vwar, vole, zvolare, zvola:, vəniв,
ini, vini:, veni, leva:re, ləve, levare, levaʁ, lɨvar, leva:, viʁe, virare, virar, lave,
a:, grav, greve, gravi, gravi, grav, grevi, breve, brevi, brevi, vermikulus, vermej,
eku, virmejku, ves, verde, verdi, vert, ves, vert, verde, vi
Fembra, ombre, be:stia, bi∫fa, bi∫e, bis, abe, bukka, bu∫, boka, bokka, boke, bokə, ubja, nebula, njebla, nebbja, tene:braj, tɛ:nebre, tene:bra:s, tenɛbʁ, tinjeblas,
ubja, nebula, njebla, nebbja, tene:braj, te:nebre, tene:bra:s, tenebr, tinjeblas, s, bjento, ben, nombre, limbə, bibere, bwακ, beber, bere, beber, biβer, bεwrə, bø:κ,
sabes, seber, bibir, biwre, battuere, bats, batir, battere, bates, beter, batre, bate,
di, kabar, kəba, eskabar, nabegar, nəbəga, bolar, bula, zbura, ambita:re, benir, bəni,
, bira, tõbe, tumbar, tõbar, tümba, bryle, brufare, bru:le, bruza:, flãbe,
ef, brebe, breve, brevi, brew, bref, subti:lem, subtsire, ruber, rubro, bermexo,
rubjo, rɔbbjo, rubeo, rojb, berde, ibi:

• 0		
20	t	tu:, ty, tu, usted, voste, infantem, infante, fante, îfeti, mari:tus, marito, marit, marit, mərit,
		ma:trem, patre, tata, tatə, be:stia, pe∫te, utfɛllo, fru:ktus, fruto, frutto, frute, frujt, frut, frukt,
		ste:lla, etwal, estreja, stella, istrelɐ, iʃtrelɐ, əstɛl, stø:l, stɛle, ste̯a, la:t, terra, teʁ, tjera, tɛrra, teʁɐ,
		tεμε, tεrə, tεικ, tjere, tene:braj, tε:nebre, tene:bra:s, tenεbκ, tinjeblas, tε:nebre, trενε∫, tənebrəs,
		fu:ma:ta, fumata, fuma:ta, fumate, wentum, bjento, vento, vetu, vint, vint, sputere, esputar,
		sputare, ∫ti, konεtʁ, kuno̞aʃte, ko:gita:re, koʤitare, kuʒitaʁ, kuʒitaɾ, kuʤeta, time:re, temer, temere,
		temes, timer, teme, teme, tremere, tremere, tremes, tremes, trimer, trimas, tustasri, tue, tuwe,
		makta:re, mate, matar, matar, metar, metar, tiflidere, battuere, batt, battere, battere, beter,
		batrə, bate, bati, kaptia:re, kattsare, kurta:re, kortar, kortar, kurtar, ekskurta:re, ekurte; skortare,
		skurta:, skurta, ta:lia:re, tαje, taxar, taλλa:re, taλau, tuλar, təλa, teji:, taja:, təja, fet, parti:re, pautiu,
		partir, partire, pertir, pərti, pərti, parti, nata:re, nwotare, ambita:re, ekstendere, etadu, ekstender,
		estendere, isteder, i∫teder, əstendrə, ekstinde, sedenta:re, sentar, setar, senta:, sta:re, εtʁ, estar,
		stare, i∫tar, əsta, sta:, sta, altia:re, alt∫a:, torna:re, tuʁne, tornar, tornare, toʁnaʁ, turnar, turna,
		tu:rne, torna:, turna, torkwe:re, tɔʁdʁ, torθeɾ, tɔrʧere, turser, tɔrsə, to̯arʧe, tõbe, tumbaɾ, tõbaʁ,
		tõbar, tumba, tume, tene:re, təniʁ, tener, tenere, teʁ, ter, təni, tini, tiniji, appektora:re, apretar,
		ɐpɨɾtaɾ, stringere, etʁɛ̃dʁ, estɾeniɾ, strinʤere, əʃtrīʒir, əʃtrīʒir, əstɾɛnə, stringe, strɛngi:, strɨnʤe,
		frikta:re, frotar, frettare, tergere, terchere, ekstergere, estarsir, əstərzi, sterche, tira:re, tire,
		tirar, tirare, tira, tire, tira:, trahere, tueu, trarre, traze, trezer, trewro, traj, trade, jakta:re, zote,
		dettare, zejtar, xita, dete, apta:re, atar, etar, komputa:re, kõte, kontar, kontare, kõtar, kumta,
		konta:, kanta:re, ſɑ̃te, kantar, kantare, kṽtar, kvnta, ʧɑ̃te, canta:, kinta, flu:ktua:re, flyktye,
		flugtwar, fluttuare, flutuar, flutuar, fluktua, fluctua, fluita:re, fluitare, gjattjare, ustula:re,
		ustolare, ustura, to:tus, tu, todo, tutto, todu, toču, tot, to, dut, multus, molto, mujtu, mult, tantus,
		tanto, tëtu, tëtu, tant, tanc, alter, otk, otco, altro, owtru, altro, öt, altri, alt, grant, la:tum, lato, latu,
		lat, pe:sant, pesante, pəzat, pezant, pittitus, pəti, pətit, piti, pittinus, pittsino, pitulus, kurtus, korto,
		korto, kurtu, kurtu, kurt, kurt, angustus, angosto, angusto, ingust, striktus, etrwa, estretfo, stretto,
		istrejtu, istrejtu, əstret, strø;, stret, strimt, minu:tus, minuto, mənut, minu:t, mərunt, de:lika:tus,
		delikato, dəlikat, subti:lem, sutil, sottile, suptil, su:ti, suti:l, dekstrum, djestro, destro, destru, destru,
		destrə, di:re:ktus, duwat, destra, direjte, direjte, dret, drø:t, dret, drept, vert, vert, tre:s, tuwa, tres,
		tre, tref, tres, trø:, tre:, trej, k ^w attwor, katʁ, kwatɾo, kwattro, kwatɾu, kwatɾə, kwat, kwatɾi, patru,
		kwant, tfemu:t, et
21	u:	tu:, u:hɛ:, fru:ktus, lu:na, plu:ʁ, fu:ma:ta, fu:k, su:gere, tu:ta:ri, tu:rne, eksu:ka:re, pu:si:, lu:dere,
		flu:ktua:re, bʁu:le, ku:ʁ, minu:tus, minu:t, du:ʒe:, su:ti, u:num, ʧemu:t
22	y	ty, fry, lyn, njoly, fyme, syse, sysi:, kõspye, ʒygyle, gyra:re, flyktue, flye, bʁyle, məny
23	d	usted, domina, dam, dona, donna, done, dono, dœm, done, doamno, maridu, ma:dre, pa:dre,
		peduklus, pidəkkjo, pedoli, pədukje, pjodda, komedere, manduka:re, manduka:, morde:re, moʁdʁ,
		mordere, morder, mwardi, spuda:, kuide, kwidar, kujda, kredr, dormire, dormire, dormire,
		dormir, durmir, durmi, dwarmi, durmir, dormi, okkirdere, utstidere, utside, dirwidere, dibidir,
		dividere, diviðir, dibidi, dividi, divide, skindere, sε̃de, sindere, findere, fadu, ender, fendere, fedeu,
		feder, fendre, pwedk, ra:dere, radere, rada:, rade, fodere, nadar, nadak, neda, nada:, andar, andare,
		vedar, vedar, ekstendere, etadr, ekstender, estendere, isteder, isteder, əstendrə, ekstinde, sede:re,
		sedere, sedenta:re, toudus, kadere, kadere, fjade, kodea, epuedus, etuedus, impida:re, kudus,
		di:kere, dis, deθir, dire, dizer, di, di:s, di:, lu:dere, ludir, arde:re, asds, arder, ardere, asdes, seder,
		arde, inkendere, ε̃sãdje, enθender, int εndjare, ĩsẽdjar, ənsendrə, int indze, todo, todu, dut,
		grandem, grande, grande, gredi, lurdus, lerdo, lordo, pezadu, menudo, miudu, de:lika:tus, du:ze:,
		delyaðo, delikato, dewgadu, delyaðu, delikat, dekstrum, djestro, destru, destru, destre,
		di:re:ktus, duwat, deretso, destra, direjte, direjte, dret, dret, dret, drept, wiridem, berde, verde,
		verdi, verde, duo:s, dø, dos, dojs, dojf, dø:, doj, duaj, due, dowə, duas, dues, duef, kwid, kwando:,
	_	kwando, kwedu, kwand, kind, kwo:modo
24	f	fe:mina, fam, femmina, femev, femjv, fembra, fœm, femine, femeje, infantem, afa, infante, fante,
		ĩfẽfi, ĩfẽti, ɛfã, fru:ktus, fɛqi, fruto, fruto, frute, frujt, fry, frut, frukt, flo:rem, flœß, flor, fjo:re,
		flor, flo, floer, floare, fu:ma:ta, fyme, fumata, fuma:ta, fumare, fumate, fokum, fø, fwego,
		fwoko, fogu, foyu, fok, fø:, fu:k, fok, findere, fadu, fendere, fedeu, feder, fendro, fet, fodere, fwiu,
		frika:re, fusje, fregar, fregare, froga, froj, frea, freka, iffrigar, iffriγar, frikta:re, fuste, frotar,
		frettare, frisar, fresa, flu:ktua:re, flyktye, flugtwar, fluttuare, flutuar, flutuar, fluktua, fluctua,
		fluita:re, fluitare, fluere, flye, fluir, fluire, flwir, flwir, flui, flamma:re, flamear, fjammare,
		fłama, flagra:re, flagre, flagrar, flagrare, flagrar, bref, bref

25	e:	fe:mina, be:stia, ste:lla, tene:braj, tene:bra:s, morde:re, save:, pe:nsa:re, time:re, se:para:re, jake:re,
		ʤaʧe:ɾe, sede:re, tork ^w e:re, tene:re, e:runka:re, e:numera:re, arde:re, omne:s, pe:sant, de:lika:tus,
		du:ʒe:, di:re:ktus, tre:s, tre:
26	m	fe:mina, fam, embra, femmina, femev, femjv, fembra, fœm, femine, femeje, mulierem, muxer,
		moλλe, muλer, muλer, muier, mujere, domina, dam, dœm, doamnə, hominem, əm, ombre,
		omēj, omēj, omə, om, om, homo:, womo, infantem, mulier, muxer, moλλe, muλeκ, muλeκ, muλeκ,
		mui:r, mujere, mari:tus, maʁi, maɾiðo, maɾito, maɾidu, mɐɾiðu, maɾit, marit, mərit, məːtrem, meʁ,
		maðre, ma:dre, mej, marə, mer, mari, animalia, omaj, alimana, nema:l, nəmaje, piskem, awem,
		awikellum, passerem, flo:rem, so:lem, lakum, mare, meß, mar, maß, mar, meß, ma:r, sa:lem,
		ka:li:ginem, fu:ma:ta, fyme, fumata, fuma:ta, fumase, fumate, kajlum, wentum, fokum, annum,
		no:men, no:me, nomi, nomi, nom, nume, no:minem, nombre, limbo, komedere, komer, kome, kumer,
		manduka:re, maze, mandukar, mandare, mezar, mezar, menza, mani:, manja:, minka, morde:re,
		moвdв, morðer, mordere, moвdeв, murðer, mwardi, morsika:re, moskar, morsikare, musəga,
		musəgar, musəya, murseka, time:re, temer, temere, temer, timer, temə, temi, teme, tremere, tremer,
		tremare, tremes, trima:, dormi:re, dosmis, dormir, dormire, dosmis, durmir, durmi,
		dwarmi, durmi:, dormi, murir, morir, morire, morer, murer, muri, mori, murir, muri, makta:re,
		mate, matar, matar, metar, meta, matar, femine, kaminar, kamminare, keminar, keminar, keminar, keminar,
		fimine, camina:, maße, ma:Rfi:, mergere, mercher, merche, ambita:re, tumbar, tumba, tume,
		eksprimere, ekspremir, spremere, if promer, if promer, ospremo, esprimi, skreme, limpida:re, limpjar,
		impingere, impindere, əmpenə, impinde, komputa:re, kumta, e:numera:re, enumeue, enumerar,
		enumerare, enumera, numara, krema:re, kuame, kemar, kremare, kumare, kejmare, kejmare, kroma,
		flamma:re, flamear, fjammare, fłama, omne:s, multus, mu, muto, molto, mūjtu, mol, molc, mult,
		magnum, mano, manno, grandem, majjorem, mare, longum, largum, la:tum, amplum, ampio, amplo,
		strimt, minu:tus, məny, menudo, minuto, miudu, miuðu, mənut, minu, minu:t, mərunt, subti:lem,
		dekstrum, vermikulus, νεμπεί, bermexo, vermiλλο, vekmeλu, virmejλu, bərmελ, wiridem, u:num,
		ekkumhi:k, kwem, kwo:modo, komã, komo, kome, komu, kom, komã, femu:t, kum
		errammer, r. em, r. o.mouo, komo, komo, komu, kom, kome, kome, kom

27

fe:mina, fam, embra, femmina, fembra, domina, dam, dona, donna, infantem, infante, fante, sponsa, esposa, spoza, ispoza, mari:tus, maʁi, maɾiðo, maɾito, maɾidu, maɾit, maɾiːt, maðɾe, maɾə, mari, patre, paðre, parə, pari, tata, tatə, animalia, omaj, alimana, nəmaje, be:stia, bi∬a, pwasõ, awem, abe, avi, avi, aw, awikellum, wazo, passerem, paxaro, passero, passeru, pasəre, naso, nas, nas, nariθ, nariffe, naris, bukka, boka, bokka, gula, lu:na, luna, ste:lla, etwal, estreja, stella, ak^wa, aywa, akkwa, agwe, age, apə, pluwia, jubja, pjodʤa, lakum, lak, lago, lago, lagu, laγu, ʎak, mare, mar, mar, mar, sal, sale, saw, sare, terra, tjera, terra, tsarə, kalina, kalidine, kalizēj, nebula, njebla, nebbja, tinjeblas, fu:ma:ta, fumata, fuma:ta, fumase, fumate, kajkia, annum, apo, anno, ap, an, an, ling^wa, lengwa, lingwa, manduka:re, mandukar, mandare, mẽzar, mẽzar, menza, mani:, manfa:, minka, mwardi, moskar, morsikare, musəqa, musəqar, musəya, murseka, suqar, skujpa, esputar, sputare, sapere, savwar, saber, saber, savø:r, save:, kwidar, koditare, kuzitar, kuzitar, kujda, kucketa, pensar, pensare, pēsar, pēsar, pənsa, pəsa, tremare, dwarmi, via, nəqa, neka, anegar, annegare, makta:re, mate, matar, matar, metar, metar, mata, matfar, pupar, puppare, pupa, battuere, batr, batir, battere, bater, batrə, bate, bati, kaptia:re, ſase, kaθar, katʧare, kasar, kɐsar, kəsa, caʧa:, puxar, pulsare, pusar, pusar, pulsa, segar, segare, segar, siyar, səya, kortar, kortar, kurtar, skortare, skurta, taxar, taλλa:re, taλaκ, tελαr, təλa, taja:, təja, parti:re, paκtiκ, partir, partire, pautsik, partik, sekparake, separak, separake, separak, sipekak, sipekak, separak, separak, radere, uaeu, rawrə, rada, rade, rasar, rasare, uazau, uvzar, rəza, rasa:, raskar, uafkau, uvfkar, rəska, kosaj, kusar, kawa:re, kabar, kavare, kevar, kevar, kaba, fava:, ekskawa:re, eskabar, skavare, iſkevar, ifkevar, zfava:, nata:re, nadar, nwotare, nadar, neðar, nəda, nada:, naviga:re, naze, nabeqar, navigare, naviyak, neviyak, nəbəqa, naviga; naviqa, bolak, volake, voak, vwak, bula, zvolake, zbura, kaminar, kamminare, keminar, keminar, keminar, kamina, camina:, marfe, ambita:re, andar, andare, edar, ɐ̃dar, jake:re, jaθer, ʤaʧe:ɾe, ʒawɾə, swaʁ, sentar, sẽtar, estar, stare, ɨʃtar, əsta, sta, jebar, levare, levas, livar, λəba, lua, altia:re, alθar, altsare, alsa, alsar, əlsa, alt[a:, tornar, tornare, tosnas, turnar, turna, turna, xirar, chirare, zirar, zira, birar, virare, virar, bira, kadere, ſwaß, kaer, kadere, kawrə, ffjade, tumbar, tõbar, tõbar, tumba, segurar, sigurar, siγurar, serar, sera, sərar, səra, sərare, θerar, serrare, sibar, appektora:re, apretar, ppirtar, fregar, fregare, frega, frea, freka, iffrigar, iffriyar, frotar, frettare, frisar, fr∍sa, lawa:re, lave, laβar, lavare, lɐvar, lava:, la, estarsir, enxugar, a∫∫ugare, ẽʃugar, ẽʃuyar, ə∫uga, uska, limpjar, lĩpar, tirar, tirare, ʧira, tira, trahere, trarre, traze, traʤe, jakta:re, effar, chettare, zejtar, xita, lankea:re, lanθar, lantfare, lesa, lesar, λonsa, lanci:, lantfa:, arankar, arronffare, arunka, legar, legare, hiya, lega, apta:re, atar, etar, kontar, kontare, kõtar, kumta, enumerar, enumerar, enumera, numara, kanta:re, kantar, kantare, ketar, konta, canta; kinta, xugar, dokare, zogas, zuyar, zuga, zuka, flugtwar, fluttuare, flutuas, flutuar, fluktua, fluctua, fluitare, kolar, kolare, koar, kuar, kuła, elar, delare, zilar, zəla, dale, glakia:re, glase, qjattfjare, qləsa, glatfa:, inqlakia:re, ingetsa, brutfare, kkame, kemar, kremare, kejmare, kejmake, krəma, flamma:re, flamear, fjammare, fłama, arde:re, audu, arder, ardere, audeu, arde, flagra:re, flague, flagrar, flagrare, flaguau, flagrar, intfendjare, îsendziar, îsedjar, ustolare, ustura, tantus, tanto, tant, tanc, alguno, alkuno, awgũ, ałgũ, alter, altro, altrə, altri, alt, alius, aw, ał, magnum, mano, manno, grandem, grande, grande, gran, grant, mare, largum, laug, largo, largo, laugu, largu, Лагk, lark, larg, lato, latu, lat, amplum, anfo, ampjo, amplə, grawis, gвav, grabe, gravi, gravi, grav, pe:sant, pesaðo, pesante, pezadu, pizaðu, pəzat, pezant, angustus, angos to, angusto, etʁwa, delγaðo, delikato, dewgadu, dεlγaðu, dəlikat, dʁwat, dεstra, duas, kwattwor, katʁ, kwatro, kwatro, kwatru, kwatrə, kwat, kwatri, patru, aki, la, aja, əʎa, ai, kwa, kwando:, kwando, kwan, kwand, kwant

28	ſ	embra, fembra, muxer, muxer, ombre, muxer, muxer, mariðo, maridu, mæriðu, mærit, maðre, marə, paðre, parə, paxaro, pasæru, pasəre, fruto, frutæ, frujt, flor, fjo:re, floare, nariθ, naris, nærif, gurə, soare, estreja, istrelæ, iftrelæ, mar, trævæf, tənebrəs, fær, nombre, beber, bere, biβer, bæwrə, komer, kumer, mandukar, mandære, mæzar, morðer, murðer, moskar, morsikare, sugar, kuſpir, eskupir, esputar, sputare, saber, sæber, konoθer, kuniser, kwidar, kuzitar, pensar, pensare, pēsar, temer, timer, tremær, trimer, dormir, durmir, bibir, viver, biwrə, morir, muær, muri, anegar, matar, mætar, utfidere, punar, batir, bæter, batrə, kaθar, kæsar, puxar, puſar, segar, siɣar, kortar, kurtar, taxar, tæʎar, dibidir, diviðir, ender, fēder, fɛndrə, partir, pærtir, separar, separaæ, sipærar, səpəra, pūʒir, raer, ææer, rawrə, rasar, ææzar, raskar, ægſkar, kusar, kabar, kævar, eskabar, iſkævar, nadar, nwotare, næðar, nabegar, næviɣar, bolar, volare, vwar, zvolare, zbura, kaminar, kamminare, kæminar, andar, ēdar, benir, venire, vir, ekstender, iſtēder, əstendrə, jaθer, ʤafæ:re, zæzer, zawrə, ser, sentar, sētar, estar, iſtar, jebar, livar, alθar, alsar, tornar, turnar, xirar, ʤirare, zirar, zira, birar, virare, virar, bira, torθer, kaer, kadere, kæir, tumbar, tōbar, tener, tenere, ter, segurar, siguraæ, siyurar, ekspremir, əspremə, serar, sərar, θerar, siæar, apretar, æpirtar, estrenir, əstrɛnə, fregar, frəga, iſfrigar, iſfriyar, frotar, frisar, frəsa, laβar, lævar, estarsir, enxugar, ēʃugar, ēʃuyar, limpjar, līpar, tirar, fſira, tira, traze, træzer, træwrə, eʃar, zejtar, lanθar, læsar, arankar, arunka, legar, atar,
		etar, koser, kuzer, kontar, kõtar, enumerar, enumera, deθir, dizer, kantar, këtar, ludir, xugar, zuyar, flugtwar, flutuar, fluir, flwir, kolar, kuar, eskurir, iſkurer, skurţe, korer, kurer, kurţe, elar, zilar, kemar, kejmare, flamear, arder, erder, arde, flagrar, flagrar, enθender, īsenţiar, īsēdjar, ənsendrə, otro, owtru, altrə, grande, gretţi, greti, mare, laryo, largu, λark, grabe, gravi, gravi, grew, grew, lerdo, korto, kurtu, kurt, brebe, brevi, brevi, brew, estretʃo, istrejtu, iſtrejtu, əstret, djestro, destru,
		dεſtru, destrə, dereʧo, dirɐjtɐ, drɛt, drept, roʃu, bermexo, vɨrmɐjʎu, berde, verdɨ, vɛrt, verde, tres, treʃ, kwatro, kwatru, kwatrə
29	a	femee, femje, done, ispoze, meriðu, bise, paseru, frute, neris, boke, lue, istrele, istrele, agwe, suve, teke, teke, kelizēj, nevwe, treves, fumase, enu, ligwe, seber, metar, beter, kesar, tekar, pertir, siperar, keer, kezar, keskar, kevak, kevar, iskevak, iskevar, neðar, neviyar, keminak, keminar,
20		zezeв, zezer, keir, epirtar, levar, trezer, etar, erder, direjte, direjte, dues, dues, eki, ei
30	œ	fæm, dæm, flæs
31	3	femine, efā, pes, pehō, utffello, utfjel, boce, əstel, stele, meß, sel, terra, teße, terə, tjere, newwe, tenebß, trevef, sjel, tfelo, sew, sel, vento, lenge, bewrə, səβε, konetß, kunefə, tfesi:, teji:, fendere, fendrə, nedgi:, merdgere, estendere, etß, es, spremere, seße, əstrepə, strengi:, terdgere, tßeß, trewrə, əmpepə, dgete, intfendjare, greve, grevi, bßef, breve, brevi, brevi, əstret, dɛlyaðu, destro, destru, dɛftru, destra, dret, dret, vɛßmej, bərmeß, vert, vɛß, vert, tres, kɛ, ε
32	1	mulierem, mulier, animalia, alimana, nema:l, awikellum, utfɛllo, ufjɛl, peduklus, pedoli, flo:rem, flœß, flor, floß, flo; floːe, floːr, flo̞are, gula, so:lem, sol, sole, sol, solo, solikulus, solɛj, soreli, lu:na, lyn, luna, luæ, løn, lune, lunə, ste:lla, etwal, stella, istrelæ, iftrelæ, əstɛl, stø:l, stɛle, pluwia, plui, pluʒə, pluːæ, ploje, plo̞aje, lakum, lak, lago, lago, lagu, layu, la:t, sa:lem, sɛl, sal, sale, sa:l, ka:li:ginem, kalina, kaliʤine, kaliʒēj, kæliʒēj, nebula, njoly, njebla, newlə, tinjeblas, kajlum, sjɛl, θjelo, fɛlo, sɛl, fiːl, lingwa, lɑ̃g, lengwa, lugwa, lugwa, leugæ, limbə, pulsa:re, pulsare, pulsa, ta:lia:re, jugula:re, ʒygyle, jugula:re, çɑ:vle, wola:re, vole, bolar, volare, bula, vɔle, zvolare, zvola; leva:re, ləve, levaæ, levaæ, livar, leva;, lua, altia:re, alθar, altsare, əlsa, altʃa:, lawa:re, lave, laβar, lavare, levar, lava:, la, limpida:re, limpjar, lipar, pulsa:, lankea:re, lɑ̃se, lanθar, lantʃare, lesa, lesar, lanci:, lantʃa:, liga:re, lie, legar, legare, lɔji:, lea:, lega, lu:dere, ludir, flu:ktua:re, flyktue, flugtwar, fluttuare, flutuaß, flutuar, fluctua, fluita:re, fluitare, fluere, flye, fluir, fluire, flwiß, flwir, flui, ko:la:re, kule, kolar, kolare, kɔle, gela:re, ʒəle, elar, ʤelare, ʒilar, ʒəla, ʤale, glakia:re, glase, gləsa, glafa:, inglakia:re, bɛyle, bɛw:le, flamma:re, flɑ̃be, flamear, flagra:re, flagße, flagrar, flagrare, flagßaß, flagrar, ustula:re, ustolare, multuß, molto, mol, molc, mult, alguno, alkuno, əlgu, alter, altro, altrə, altri, alt, alius, longum, lɔ̃, longo, lungo, lõgu, lō, lunk, lung, largum, laß, laryo, largo, laßu, largu, lark, larg, la:tum, le, lato, latu, lat, amplum, ɑ̃pl, amplə, lurdus, luß, lerdo, lordo, pitulus, pikkolo, pitʃul, de:lika:tus, delyaðo, delikato, dəlikat, subti:lem, sutil, sottile, suptil, suti:l, vermikulus, illa:k, la

33	r	mulierem, mui:r, mujere, mulier, mui:r, mujere, mari:tus, marito, mari:t, mərit, mə:trem, ma:dre,
		mari, patre, pa:dre, pε:r, pari, passerem, passero, fru:ktus, frutto, frut, frukt, flo:rem, flo:r, nariʧe,
		na:rıs, soreli, mare, mar, ma:r, sare, terra, tjera, tɛrra, tɛrə, tjɛre, tsarə, negurə, tene:braj, tɛ:nebre,
		tene:bra:s, te:nebre, bibere, komedere, manduka:re, morde:re, mordere, mwardi, morsika:re,
		morsikare, musəgar, murseka, su:gere, konspuere, sputere, ski:re, sapere, kogno:skere, kono∫∫ere,
		ko:gita:re, kod;itare, pe:nsa:re, time:re, temere, tremere, tremare, trima:, dormi:re, dormire, durmi,
		durmi:, dormi, wi:were, vivere, morire, muri; muri, neka:re, annegare, tu:ta:ri, makta:re, okki:dere,
		pugna:re, punnare, battuere, battere, kaptia:re, kattare, pulsa:re, pulsare, seka:re, segare, kurta:re,
		ekskurta:re, skortare, skurta:, skurta, ta:lia:re, taιλία:re, di:widere, dividere, skindere, ∫indere,
		findere, fendere, partire, partire, partir, se:para:re, separare, separa:, separa, pungere,
		punckere, jugula:re, jugula:re, ra:dere, raer, radere, rawrə, rada:, rade, rasar, rasare, rəza, rasa:,
		raskar, rəska, fodere, kawa:re, kavare, ekskawa:re, skavare, nata:re, naviga:re, navigare, wola:re,
		mergere, merdere, merde, ambita:re, andare, weni:re, ekstendere, estendere, jake:re, dere, sede:re,
		sedere, sedenta:re, sta:re, stare, leva:re, levare, altia:re, altsare, torna:re, tornare, turna, turne,
		torna:, turna, gyra:re, dzirare, dzirare, turare, torkwe:re, tortfere, turser, torsə, toartfe, kadere, kawrə,
		tene:re, eksprimere, spremere, i∫prəmeß, i∫prəmer, esprimi, skreme, serrere, serar, səra, serare,
		θerar, serrare, appektora:re, stringere, strindere, əstrīzir, əstrīzir, stringe, strengi:, strinde,
		frika:re, fregare, froj, frea, freka, frikta:re, frettare, frisar, lawa:re, lavare, tergere, terdjere,
		ekstergere, əstərzi, ∫terdze, eksu:ka:re, a∫∫ugare, limpida:re, tira:re, tirare, tira; trahere, trarre,
		traj, tracke, impingere, impinckere, jakta:re, ckettare, lankea:re, lanfare, e:runka:re, arankar,
		arronffare, liga:re, legare, apta:re, ko:nsuere, kuffire, komputa:re, kontare, e:numera:re, enumerare,
		numara, di:kere, dire, ekspo:nere, sporre, kanta:re, kantare, lu:dere, joka:re, ஆokare, flu:ktua:re,
		fluttuare, fluita:re, fluitare, fluere, fluire, ko:la:re, kolare, ekskurrere, eskurir, skorrere, əskorə,
		skori:, kurrere, korer, korrere, korə, kori, gela:re, dzelare, glakia:re, gjatʧjare, inglakia:re, bruʧare,
		bruza:, krema:re, kremare, krəma, flamma:re, fjammare, arde:re, ardere, flagra:re, flagrare,
		inkendere, inffendjare, ustula:re, ustolare, ustura, alter, altro, altri, grandem, grande, gran, grant,
		majjorem, largum, largo, lark, larg, grawis, greve, grav, grevi, lurdus, lordo, kurtus, korto, kurt,
		brewis, breve, striktus, stretto, stret, strimt, mərunt, subisire, dekstrum, destro, di:re:ktus, destra,
		direjte, drø:t, drεt, ruber, rubro, russus, roxo, rosso, ros, vermikulus, vermiλλo, bərmελ, rubeus,
		rubjo, robbjo, rubeo, ruce, rost, rojb, wiridem, verde, vert, tre:s, tre, tres, trø:, tre:, trej, kwattwor,
		kwattro, kwatri, patru
34	X	muxer, muxer, paxaro, pjoxo, puxar, taxar, xirar, enxugar, xita, xugar, roxo, bermexo
35	Á	moλλe, muλes, muλer, muλe, moλλe, muλes, muλer, muλe, useλ, pioλu, poλ, λunə, λak, taλλa:re,
	==	tańar, teńar, tańa, ńaba, ńansa, ńiya, ńoŋ, ńark, vermińńo, vermeńu, vɨrmejńu, bərmeń, ańa
36	R	muker, muker, mari, mer, per, frui, floer, flor, flor, flore, mer, mer, mer, ter, tere, tere, tere, tere,
	-	tenebr, si:r, bwar, heber, bø:r, mëzar, mordr, morder, sugar, kuspir, savwar, saber, konetr,
		konesek, kuzitak, pēsak, temek, kkēdk, tremek, dokmik, dokmik, dwakmi, vivk, vivek, mukik,
		morer, marar, oksir, batr, bater, kasar, pusar, segar, kortar, ekurte, takar, ģiviģir, fādr,
		fěder, partir, partir, sevre, separar, pwedr, půzir, raer, reer, raze, razar, rezar, raskar, reskar,
		fwik, kevak, iskevak, nadak, naviyak, voak, keminak, makse, edak, vənik, vik, etadk, istedek, zezik,
		zezek, swak, sek, etk, levak, tukne, toknak, zike, vike, tokdk, Swak, tobak, tonik, tek, sigurak, epkedk,
		isprəmer, sera, sere, sirar, etregir, freie, freie, free, tire, trer, kudr, enumere, dir, di:r, zogar, flutuar,
		flwis, koas, iskoses, kusis, koses, kuser, bsyle, bsu:le, ksame, kejmase, asds, asdes, flagse,
		flaguau, otu, gua, gua, laug, guav, luu, kuu, kuutu, kuu, buef, buef, etuwa, stue, duwat, uu,
		riagras, ots, gra, gra, targ, targu, grav, tur, kur, kur, kur, bret, bret, etrwa, strø:, arwat, ru, ro∫υ, ro∫u, verme, verme, ver, ver, ver, trwa, katr
27	1.	
37	i:	mui:r, mui:r, mari:tus, mari:t, ka:li:ginem, si:u, ffi:l, mani:, sysi:, ski:re, dormi:re, durmi:, wi:were,
		muri:, okki:dere, tsi:, teji:, di:widere, parti:re, parti:, nεαξί:, ma:πtsi:, weni:re, vini:, hɔ:si:, strɛngi:,
20		pu:si:, lanci:, lɔji:, di:kere, di:ʁ, di:, skori:, subti:lem, suti:l, di:re:ktus, kwi:nkwe, ekkumhi:k, ibi:, ki:, si:k
38	n	dona, nino, alimana, ano, an, manza, mani:, koneses, kuniser, konosi, punar, punnare, puna, puni,
2.2		keminas, keminar, vini:, estrenir, əstrenə, əmpenə, onni, mano, manno, pekeno
39	<u>o</u> a	doamno, floare, soare, ploaje, kunoaste, toartse, coase
40	h	hominem, homo:, pɛhō, u:hɛ:, kinɔh, hɔ:si:, trahere, ekkumhi:k
41	ẽĵ	omēj, əmēj, nenēj, kalizēj, kēj, nēj
42	õ	õ, nõ, kõspye, lõ, nõ
43	ã	ãfã, ɛfã, vã, ã, lãg, mãze, pãse, fãdʁ, etãdʁ, lãse, ∫ãte, ʧãte, flãbe, ɛ̃sãdje, gʁã, gʁã, ấpl, pəzã, kã,
		kəmã
44	ĩ	ĩfĕʧi, ĩfĕtɨ, lĩgwɐ, ə∫trĩʒir, ə∫trĩʒir, lĩpar, ĩsenʤıar, ĩsẽdjar, sĩku
45	$\tilde{\mathfrak{g}}$	ĩf ẽf i, ĩf ẽt i, mẽzak, mẽzar, ẽdak, ẽdar, lẽsa, lẽsar, kẽtar, tẽtu, tẽtu, grẽdi, grẽdi, ẽſu, kwẽdu

46	f	îfêfi, soffo, utfello, utfel, narife, feafo, felo, fi:l, fer, mafa:, utfidere, ufide, katfare, fesi:, cafa:, pasfis, fimine, ma:rfi:, dafe:re, zoffea, torffere, toarfe, fe:r, fjade, fira, efar, lanfare, lanfa:, arronfare, kufire, zife, fate, gjatfjare, glafa:, brufare, infendjare, infindze, mufo, anfo, pitfino, piful, estrefo, sufiw, derefo, roff, finkwe, fink, finf, fine, fe, femu:t
47	i	if εti, is poze, is pozu, pejsi, avi, is trele, vint, nomi, biser, minka, kupiser, timer, trimer, siyar, siperar, naviyae, neviyar, is tar, livar, sigurae, siyurar, siear, epirtar, strinche, is frigar, is friyar, impinche, kinta, zilar, ingetsa, in sindze, gredi, gravi, pizaðu, pikenu, brevi, ingust, is trejtu, strimt, virmejsu, verdi, ki, kind
48	p	sponsa, epuz, esposa, spoza, ispoza, i∫poze, əspozə, sponsus, epu, esposo, spozo, ispozu, i∫pozu, əspos, sposs, patre, peʁ, paðɾe, paːdre, paj, paɾə, pɛːr, pari, piskem, peθ, peʃʃe, pejʃi, pejʃi, peʃ, pɛs, peʃte, pwasō, pɛhō, passerem, paxaɾo, passero, pasɐɾu, pasəɾe, peduklus, pu, pjoxo, pidɔkkjo, pioʎu, poʎ, pju, pedoli, pədukje, apə, pluwia, plui, pjodʤa, pluʒə, pluːʁ, ploje, plo̞aje, konspuere, kɔ̃spye, kuspiʁ, kuʃpiɾ, eskupiɾ, əskupiˌskujpa, sputere, esputaɾ, sputaɾe, spudaː, sapere, peːnsaːre, põse, pensaɾ, pensaɾe, pēsaʁ, pēsaɾ, pənsa, pēse, peŋsaː, pəsa, pugnaːre, punaɾ, punnare, punaˌ kaptiaːre, pulsaːre, puse, puxaɾ, pulsare, puʃaʁ, puʃaɾ, pulsaː, pulsaː, partiːre, paʁtiʁ, partir, partire, paʁfiʁ, pertir, pərti, pɔːʀti, partiː, seːparaːre, sepaɾaɾ, sepaɾaɾ, sepaɾaʁ, sipɐɾaɾ, səpəɾaˌ, sepaɾaː, sepaɾaˌ, pungere, pwɛ̃dʁ, punʤere, pūʒiʁ, pūʒir, puni, punʤe, eksprimere, epʁɛ̃dʁ, ekspremir, sprɛmere, iʃprəmeʁ, iʃprəmer, əspremə, esprimi, appektoraːre, apɾetaɾ, vpɨɾtaɾ, limpidaːre, limpjaɾ, līpaɾ, puse, puːsiː, pulsaː, impingere, impinʤere, əmpɛnə, impinʤe, aptaːre, komputaːre, ekspoːnere, sporre, spune, paukus, pø, poko, pɔko, powku, pɔk, pō, poːk, amplum, apl, ampjo, amplə, peːsant, pəza, pesaðo, pesante, pezadu, pizaðu, pəzat, pezant, pittitus, pəti, pətit, piti, pittinus, pekeno, pitʃino, pekenu, pikenu, putsin, pitulus, pikkolo, piʧul, suptil, dɾept, patru
49	Z	epuz, spoza, ispoza, ifpoze, əspozo, spozo, ispozu, ifpozu, wazo, uaze, uzze, uzzar, rəza, zjava:, zvolare, zvola:, zbura, zeziu, zezeu, zezer, zətfea, traze, trezer, kuzer, kuzi, ko:z, kuzi, dizer, zitfe, bruza:, pəza, pezadu, pizaðu, pəzat, pezant
50	ð	mariðo, meriðu, maðre, paðre, morðer, murðer, diviðir, neðar, toðu, pesaðo, pizaðu, miuðu, delyaðo,
51	k	dεłγaðu sokius, piskem, awikellum, peduklus, pidɔkkjo, pədukje, fru:ktus, frukt, bukka, boka, bokka, boke,
		bokə, bɔk, bukə, solikulus, akkwa, lakum, lak, ʎak, ka:li:ginem, kalina, kaligine, kalizēj, kelizēj, kajkia, kajlum, fokum, fwɔko, fɔk, fu:k, fok, komedere, komer, kome, kumer, manduka:re, manduka:re, minka, morsika:re, moskar, morsika:re, murseka, konspuere, kɔ̃spye, kuspik, kuʃpir, eskupir, əskupi, skujpa, ski:re, kogno:skere, kɔnetı, konoθer, konoʃfere, koŋeseı, kuniser, kunɛʃə, kinɔh, konosi, kunoaʃte, kogita:re, kyide, kwidar, kogita:re, kuzitaı, kuzitar, kujda, kudeta, kuēdıs, neka:re, neka, makta:re, okki:dere, ɔksiı, uksi, kaptia:re, kaθar, katʃare, kasaı, kesar, kəsa, seka:re, kurta:re, kortar, koutaı, kurtar, ekskurta:re, ekunte, skortare, skurta:, skurta, skindere, raskar, raʃkaı, rəska, kosaı, kusar, kawa:re, kabar, kavare, kevaı, kevar, kəba, ekskawa:re, eskabar, skavare, iʃkevaı, iʃkevaɪ, kaminar, kamminare, keminaı, keminar, kəmina, ekstendere, ekstender, ekstinde, jake:re, kadere, kaer, kadere, keir, kawrə, kədea, eksprimere, ekspremir, skreme, appektora:re, frika:re, freka, frikta:re, ekstergere, eksu:ka:re, uska, jakta:re, lankea:re, e:runka:re, arankar, arunka, ko:nsuere, kudı, koser, kuʃfire, kuzer, kuzi, køiz, kuzi, komputa:re, köte, kontar, kontare, kotar, kumta, konta:, di:kere, ekspo:nere, kuzi, køiz, kuzi, komputa:re, köte, kontar, kotare, gkokare, zuka, flu:ktua:re, flyktye, fluktua, kola:re, kule, kolar, kolare, koaı, kuar, kula, kɔle, ekskurrere, eskurir, skorrere, iʃkoueı, iʃkurer, əskorə, skori:, skurde, kurrere, kusiı, korer, korrere, koueı, korə, kori, kurde, glakia:re, inglakia:re, krema:re, kuame, kemar, krema:re, kumare, kejmaue, krəma, inkendere, okoĕ, alkuno, paukus, poko, pɔko, powku, pɔk, po:k, lunk, ʎark, lark, pekeno, pekenu, pikenu, pikkolo, kurtus, kuı, korto, korto, kuutu, kurtu, kurt, kuıı, kurt, striktus, de:lika:tus, delikato, dəlikat, dekstrum, di:re:ktus, vermikulus, katı, kwatro, kwattro, kwatru, kwatrə, kwat, kwatrı, sēk, θinko, finkwe, sīku, siŋk, fink, ekkumhi:k, aki, kwi, teki, illa:k, ki, ki;, kwi, kjen, kēī, kwa, ke, ki, ke, kwe;, kā, kwando, kwēdu, kwan,
52	ts	kwand, kwant, kɨnd, kɔmɑ̃, komo, kome, komu, kɔm, kɔmε̃, kum, nek, si:k sots, tsarə, altsare, tsine, ɨngetsa, putsin, subtsire

53	a:	ma:trem, ma:dre, pa:dre, nema:l, na:sus, na:so, na:s, na:rıs, la:t, ma:r, sa:lem, sa:l, ka:li:ginem,
		tene:bra:s, fu:ma:ta, fuma:ta, manduka:re, manja:, morsika:re, cuca:, spuda:, ko:gita:re, pe:nsa:re,
		peŋsa:, trima:, neka:re, tu:ta:ri, makta:re, maʧa:, pugna:re, kaptia:re, caʧa:, pulsa:re, pulsa:, seka:re, sea:, kurta:re, ekskurta:re, skurta:, ta:lia:re, taʎʎa:re, taja:, se:para:re, separa:, jugula:re, jugula:re,
		ra:dere, rada:, rasa:, kawa:re, java:, ekskawa:re, zjava:, nata:re, nada:, naviga:re, naviga:, wola:re,
		zvola:, camina:, ma:Rfi:, ambita:re, sedenta:re, senta:, sta:re, sta:, leva:re, leva:, altia:re, altſa:,
		torna:re, torna:, gyra:re, ʤira:, appektora:re, frika:re, frikta:re, lawa:re, lava:, eksu:ka:re, suja:,
		limpida:re, tira:re, tira:, pulsa:, jakta:re, lankea:re, lanʧa:, e:runka:re, liga:re, lea:, apta:re,
		komputa:re, konta:, e:numera:re, kanta:re, canta:, joka:re, ʤuja:, flu:ktua:re, fluita:re, ko:la:re,
		gela:re, glakia:re, glatfa:, inglakia:re, bruza:, krema:re, flamma:re, flagra:re, ustula:re, la:tum,
54	ກິ	de:lika:tus, illa:k mēj, kelizēj, kēj, nēj
55	ej̃ R	mer, fry, savø:r, mori, po:rti, ma:rtfi:, tf:r, sorar, sere, ifkurer
56	aj	paj, ajywə, tene:braj, kajkia, kajlum, nwaje, traj, majjorem, duaj
57	£:	peir, whe:, e:w, te:nebre, te:nebre, tfeir, kwe:
58	θ	peθ, nariθ, θjelo, konoθer, kaθar, jaθer, alθar, torθer, θerar, lanθar, deθir, enθender, θinko
59	ej	pej∫i, zejtar, kejmaʁe, istrejtu, trej
60	еj	pej∫i, kejmare, i∫trejtu, direjte, direjte, virmejʎu
61	õ	pwasõ, pɛhō, nō, tōbe, tōbaʁ, tōbar, kōte, kōtar, pō, ōt, lōgu, lō, ō
62	Ч	fвųi, plųi, kųide, tųe, esųije, flyktųe
63 64	ø:	flø:k, stø:l, fø:, bø:k, savø:R, kø:z, stkø:, drø:t, dø:, trø:
65	c g	bocε, cuca:, catʃa:, camina:, lanci:, coase, canta:, fluctua, molc, tanc gula, gurə, age, lago, lɛngɛ, pugna:re, segar, segare, jugula:re, naviga:re, naviga:, mergere, gyra:re,
03	5	stringere, stringe, strengi:, fregare, impingere, lega, xugar, glatfa:, ingetsa, flaguau, alguno,
		magnum, grandem, gran, guã, grant, longo, lung, largum, larg, grav, grevi, grew, ingust
66	ł	səł, ałsa, ałsar, kuła, fłama, ałgũ, ał, dełyaðu
67	εj	səlej, fueje, veumej
68	Ø	løn, fø, pø, dø
69	еa	stea, feaffə, bea, zəffea, ∫edea, kədea
70	\mathbf{k}^{w}	akwa, torkwe:re, kwattwor, kwi:nkwe, kwis, kwem, kwid, kwando:, kwo:modo
71	γ	aγwa, ajγwə, layu, foγu, musəya, sɨγaɾ, səγa, navɨγaʁ, nɐvɨγaɾ, sɨγuɾaɾ, ɨʃfɾɨγaɾ, ẽʃuγaɾ, ʎiγa, ʒuγaɾ, larγo, delγaðo, dεłγaðu
72	ẽ	větu, vě, pěsak, pěsar, kkědk, fědek, fěder, istědek, iftěder, sětar, ěfugar, ěfuyar, îsědjar, sěk, ně
73	ŋ	an, non, lengwa, manja:, pensa:, arunka, λon, ingust, un, finkwe, sink, fink
74	g^{w}	ling ^w a
75	ḗu	lẽu
76	α	pwar, taje, raze, trwa
77	β	bißer, səße, laßar
78 79	J ε̃	manja:, java:, zjava:
80): E	p̃se, s̃ede, f̃et, pw̃edʁ, epʁẽdʁ, etʁẽdʁ, ɛ̃sɑ̃dje, kɔmɛ̃ pɔːʀti, hɔːsi:
81	ũ	püzik, püzir, müjtu, awgü, ałgü, ü
82	ſ	kosal
83	ç	ça:vle
84	a:	ça:vle
85	ĵ	mũj̃tu
86	œ̃	ok $\tilde{\omega}$, $\tilde{\omega}$
87	aŭ	paukus
88 89	บ ัพจั	so∫ʊ nē̃w̃
89	wa	ITEM

Latin

0 1	IDA	0 1
Cognate	IPA	Sounds
	-ego:	ay-g-O
We	no:-s	n-O-s
YouPlural	wo:-s	w-O-s
YouSingular	tu:	t-U
Woman	fe:-mi-n-a	f-ai-m-e-n-ah
Woman-Mulier	mulierem	m-u-l-e-ay-r-ay-m
Woman-Domina	domina	d-oh-m-e-n-ah
ManHumanBeing	homi-nem	h-oh-m-e-n-ay-m
ManHumanBeing-Homo	-homo:	h-oh-m-O
Child	infantem	e-n-f-ah-n-t-ay-m
Wife	-sponsa	s-p-oh-n-s-ah
Wife-Mulier	mulier-	m-u-l-e-ay-r
Husband	mari:tus	m-ah-r-E-t-u-s
Husband-Sponsus	-sponsus	s-p-oh-n-s-u-s
Husband-Socius	sokius	s-oh-k-e-u-s
Mother	ma:trem	m-A-t-r-ay-m
Father	patre	p-ah-t-r-ay
Father-Tata	tata	t-ah-t-ah
Animal	animalia	ah-n-e-m-ah-l-e-ah
Animal-Bestia	be:stia	b-ai-s-t-e-ah
Fish-Piskem	piskem	p-e-s-k-ay-m
Bird-Avem	awem	ah-w-ay-m
Bird-Avicellum	-awi-k-ellum	ah-w-e-k-ay-l-l-u-m
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Louse	p-edu-klus	p-ay-d-u-k-l-u-s
Fruit	fru:-ktus	f-r-U-k-t-u-s
Flower	flo:rem	f-l-O-r-ay-m
Nose	na:sus	n-A-s-u-s
Mouth	bukka	b-u-k-k-ah
Mouth-Gula	gula	j-u-l-ah
Sun	so:lem	s-O-l-ay-m
Sun-Soliculus	solikulus	s-oh-l-e-k-u-l-u-s
Moon	lu:na	l-U-n-ah
Star	-st-e:lla	s-t-ai-l-l-ah
Water	a-k ^w -a	ah-kw-ah
Rain	plu-wia	p-l-u-w-e-ah
Lake	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	'sa:lem	s-A-l-ay-m
Earth	t-erra	t-ay-r-r-ah
Fog	ka:li:ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	n-e-bula	n-ay-b-u-l-ah
Fog-Tenebrae	tene:braj	t-ay-n-ai-b-r-aj_diphthong
Fog-Tenebras	t-en-e:bra:s	t-ay-n-ai-b-r-A-s
Fog-Fumata	fu:ma:ta	f-U-m-A-t-ah
Fog-Caecia	kajkia	k-aj_diphthong-k-e-ah
Sky	'k-ajlum	k-aj_diphthong-l-u-m
Wind	w-entum	w-ay-n-t-u-m
Fire-Focus	f-okum	f-oh-k-u-m
Year	annum	ah-n-n-u-m
Name-Nomen	no:men	n-O-m-ay-n
Name-Nominem	no:min-em	n-O-m-e-n-ay-m
Tongue	ling ^w -a	l-e-n-gw-ah

ToDrink	'bib-ere	b-e-b-ay-r-ay
ToEat	komedere	k-oh-m-ay-d-ay-r-ay
ToEat-Manducare	manduka:re	
ToBite	m-orde:re	m-ah-n-d-u-k-A-r-ay
		m-oh-r-d-ai-r-ay
ToBite-Morsicare	morsika:re	m-oh-r-s-e-k-A-r-ay
ToSuck	su:gere	s-U-g-ay-r-ay
ToSpit	konspuere	k-oh-n-s-p-u-ay-r-ay
ToSpit-Sputare	-sputere	s-p-u-t-ay-r-ay
ToKnow	ski:re	s-k-E-r-ay
ToKnow-Sapere	sap-ere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	kogno:skere	k-oh-g-n-O-s-k-ay-r-ay
ToThink	k-o:gita:re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pe:nsa:re	p-ai-n-s-A-r-ay
ToFear	time:re	t-e-m-ai-r-ay
ToFear-Tremere	trem-ere	t-r-ay-m-ay-r-ay
ToSleep	d-ormi:re	d-oh-r-m-E-r-ay
ToLive	wi:were	w-E-w-ay-r-ay
ToKill	n-eka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:-ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-j-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	s-eka:re	s-ay-k-A-r-ay
ToCut-Curtare	kurta:re	• •
ToCut-Excurtare	ekskurta:re	k-u-r-t-A-r-ay
_	ta:-lia:re	ay-k-s-k-u-r-t-A-r-ay
ToCut-Taliare		t-A-l-e-A-r-ay
ToSplit	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Scindere	skindere	s-k-e-n-d-ay-r-ay
ToSplit-Findere	findere	f-e-n-d-ay-r-ay
ToSplit-Partire	parti:re	p-ah-r-t-E-r-ay
ToSplit-Separare	se:para:re	s-ai-p-ah-r-A-r-ay
ToStab	p-ungere	p-u-n-g-ay-r-ay
ToStab-lugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	ra:dere	r-A-d-ay-r-ay
ToDig	fodere	f-oh-d-ay-r-ay
ToDig-Cavare	kawa:re	k-ah-w-A-r-ay
ToDig-Excavare	ekskawa:re	ay-k-s-k-ah-w-A-r-ay
ToSwim	n-ata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-j-A-r-ay
ToFly	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-j-ay-r-ay
ToWalk-Ambitare	ambita:re	ah-m-b-e-t-A-r-ay
ToCome	weni:re	w-ay-n-E-r-ay
ToLieAsInABed	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-lacere	ja-ke:re	jg-ah-k-ai-r-ay
ToSit	s-ede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	-sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToStand-Altiare	-altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrare	gyra:re	j-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	torkwe:re	t-oh-r-kw-ai-r-ay
ToFall	k-adere	k-ah-d-ay-r-ay
101 all		

ToHold	ten-e:re	t-ay-n-ai-r-ay
ToSqueeze	eksprim-ere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay
ToSqueeze-Serare	se-rare	s-ay-r-ah-r-ay
ToSqueeze-Appectorare	appektora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	-stringere	s-t-r-e-n-j-ay-r-ay
ToRub	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eks-u:k-a:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull	tira:re	t-e-r-A-r-ay
ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-j-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:-runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:n-suere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Enumerare	e:numera:re	ai-n-u-m-ay-r-A-r-ay
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	ekspo:nere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	1-U-d-ay-r-ay
ToPlay-Jiocare	jo-ka:re	jg-oh-k-A-r-ay
ToFloat	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Fluitare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-1-A-r-ay
ToFlow-Excurrere	ekskurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	gla-kia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Flagrare	flagra:re	f-l-ah-g-r-A-r-ay
ToBurn-Incendere	inkend-ere	e-n-k-ay-n-d-ay-r-ay
ToBurn-AncestralClass8	ustula:re	u-s-t-u-l-A-r-ay
All	omne:s	oh-m-n-ai-s
All-Totus	to:-tus	t-O-t-u-s
Many	multus	m-u-1-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	paukus	p-au_diphthong-k-u-s
Other	alter-	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnum	m-ah-j-n-u-m
Big-Grandem	grandem	j-r-ah-n-d-ay-m
Big-Majjorem	majjorem	m-aj_diphthong-jg-oh-r-ay-m
Long-Longum	'lo-ngum	l-oh-n-g-u-m
Long-Largum	largum	l-ah-r-j-u-m

	11	
Wide	'la:tum	l-A-t-u-m
Wide-Amplum	amplum	ah-m-p-l-u-m
Heavy	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Heavy-Pesant	pe:sant-	p-ai-s-ah-n-t
Small	pittitus	p-e-t-t-e-t-u-s
Small-Pittinus	'pittinus	p-e-t-t-e-n-u-s
Small-Pitulus	pi-tulus	p-e-t-u-l-u-s
Short	kurtus	k-u-r-t-u-s
Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	-str-i-ktus	s-t-r-e-k-t-u-s
Thin	minu:-tus	m-e-n-U-t-u-s
Thin-Delicatus	de:lika:tus	d-ai-l-e-k-A-t-u-s
Thin-Subtilis	subti:lem	s-u-b-t-E-l-ay-m
Right-Dextrem	d-ekstrum	d-ay-k-s-t-r-u-m
Right-Directum	di:r-e:ktus	d-E-r-ai-k-t-u-s
Red	ruber-	r-u-b-ay-r
Red-Russus	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	ru-beus	r-u-b-ay-u-s
Green	'wiridem	w-e-r-e-d-ay-m
One	'u:num	U-n-u-m
Two-Duos	duo:s	d-u-O-s
Two-Duae	du-aj	d-u-aj diphthong
Two-Duas	duas	d-u-ah-s
Three	tr-e:s	t-r-ai-s
Four	kw-attwor-	kw-ah-t-t-w-oh-r
Five	'kwi:nkw-e	kw-E-n-kw-ay
Here	-ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	k ^w -is	kw-e-s
Who-Quem	kw-em-	kw-ay-m
What	'kw-id	kw-e-d
When-Quando	kw-ando:	kw-ah-n-d-O
How-Quomodo	'kwo:modo	kw-O-m-oh-d-oh
Not	no:n	n-O-n
Not-Nec	nek	n-ay-k
And-Et	et	ay-t
And-Si	si:k	s-E-k

French

Cognate	IPA	Sounds	
I	3 9	gzah-aah	
We	nu	n-u	
YouPlural	vu	v-u	
YouSingular	ty	t-eeh	
Woman	fa-m	f-ah-m	
Woman-Domina	dam	d-ah-m	
ManHumanBeing	-əm	euh-m	
ManHumanBeing-Homo	-õ	oon	
Child	ã-fã	NasalA-f-NasalA	
Wife	e-pu-z-	ay-p-u-zz	
Husband	такі	m-ah-rr-e	

A 1011	ov n u
_	ay-p-u
	m-ay-rr
•	p-ay-rr
Č	oh-m-ah-jg
•	p-w-ah-s-on
	w-ah-zz-oh
	p-u
	f-rr-eu-e
flœr	f-1-OpenMidNearFrontRounded-rr
ne	n-ay
bu-∫-	b-u-shh
səlej	s-euh-l-eh_diphthong
lyn-	l-eeh-n
e-twa-1-	ay-t-w-ah-l
0	oh
plui-	p-l-eu-e
	l-ah-k
	m-eh-rr
	s-eh-l
	t-ay-rr
	n-jg-euh-l-eeh
-	t-ay-n-eh-b-rr
	•
•	f-eeh-m-ay
	s-jg-eh-l
	v-NasalA
~	f-uu
	NasalA
	n-oon
la-g	l-NasalA-g
pwar-	b-w-a-rr
ma-3e	m-NasalA-gzah-ay
m-orq-r-	m-oh-rr-d-rr
syse	s-eeh-s-ay
kɔ̃-spye-	k-oon-s-p-eeh-ay
savwar-	s-ah-v-w-ah-rr
kɔ-nɛ-tʁ-	k-euh-n-eh-t-rr
kyide	k-eu-e-d-ay
~	p-NasalA-s-ay
	k-rr-ehn-d-rr
	d-euh-rr-m-e-rr
	v-e-v-rr
	m-u-rr-e-rr
	n-w-aj diphthong-ay
•	t-eu-ay
-	m-ah-t-ay
	•
	euh-k-s-e-rr
	b-ah-t-rr
•	shh-ah-s-ay
-	p-u-s-ay
· ·	s-jg-ay
	ay-k-u-rr-t-ay
	t-a-jg-ay
	s-ehnn-d-ay
	f-NasalA-d-rr
bartir-	p-ah-rr-t-e-rr
sə-vre	s-aah-v-rr-ay
bwe-q-r-	p-w-ehnn-d-rr
	pn-le-re-re-re-re-re-re-re-re-re-re-re-re-re

T 0/ / /		1 1 1 1
ToStab-lugulare	3ygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	raze	rr-a-zz-ay
ToDig	fwir	f-w-e-rr
ToSwim-Navigare	naʒe	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	∫əmine	shh-aah-m-e-n-ay
ToWalk-Marcher	mar∫e	m-ah-rr-shh-ay
ToCome	vənir-	v-aah-n-e-rr
ToLieAsInABed	e-ta-q-r-	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	Зе-ziк-	gzah-ay-zz-e-rr
ToSit	swar-	s-w-ah-rr
ToStand	€-t-R-	eh-t-rr
ToStand-Levare	ləve	l-aah-v-ay
ToStand-Altiare	-o-s-e	oh-s-ay
ToTurnIntransitive	turne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	3ire	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	vike	v-e-rr-ay
ToTurnIntransitive-Torquere	torq-r-	t-euh-rr-d-rr
ToFall	∫waĸ-	shh-w-ah-rr
ToFall-Tumbare	tõ-be-	t-on-b-ay
ToHold	tən-iĸ-	t-aah-n-e-rr
ToSqueeze	ebre-q-r-	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	se-re	s-ay-rr-ay
ToSqueeze-Stringere	e-tre-q-r-	ay-t-rr-ehnn-d-rr
ToRub	fкеje	f-rr-eh diphthong-ay
ToRub-Frictare	frote	f-rr-oh-t-ay
ToWash	lave	1-ah-v-ay
ToWipe-Exsucare	e-sqi-je	ay-s-eu-e-jg-ay
ToPull	tire	t-e-rr-ay
ToPull-Pulsare	pu-se	p-u-s-ay
ToPull-Trahere	trer-	t-rr-eh-rr
ToThrow	39-te	gzah-aah-t-ay
ToThrow-Lanceare	la-s-e-	I-NasalA-s-ay
ToTile	li-e	1-e-ay
ToSew	kn-qr-	k-u-d-rr
ToCount	kõte	
		k-on-t-ay
ToCount-Enumerare	enumere	ay-n-u-m-ay-rr-ay
ToSay	giR	d-e-rr
ToSing-AncestralClass	∫a-te	shh-NasalA-t-ay
ToPlay-Jiocare	3-w-e	gzah-w-ay
ToFloat	flyktye	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kn-rir-	k-u-rr-e-rr
ToFreeze	3əle	gzah-aah-l-ay
ToFreeze-Glaciare	gla-s-e	g-l-ah-s-ay
ToBurn-Brojan	prhle	b-rr-eeh-l-ay
ToBurn-Cremare	kkame	k-rr-ah-m-ay
ToBurn-Flammare	fla-be	f-l-NasalA-b-ay
ToBurn-Ardere	arq-r-	ah-rr-d-rr
ToBurn-Flagrare	flagre	f-l-ah-g-rr-ay
ToBurn-Incendere	ε̃-sα̃-dje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	o-kœ̃-	oh-k-uuh
Few	pø	p-uu
Other	O-t-R-	oh-t-rr

Big-Grandem	âκα	g-rr-NasalA
Long-Longum	15	l-oon
Long-Largum	јак2	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ã-pl	NasalA-p-l
Heavy	grav	g-rr-ah-v
Heavy-Lurdus	lur	l-u-rr
Heavy-Pesant	pəza	p-aah-zz-NasalA
Small	pə-ti	p-aah-t-e
Short	kur	k-u-rr
Short-Brevis	pret	b-rr-eh-f
Narrow-Strictus	e-tswa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:3e:	d-U-gzah-ai
Right-Directum	d-rwa-t	d-rr-w-ah-t
Red-Russus	ки	rr-u
Red-Vermiculus	vermej	v-eh-rr-m-eh_diphthong
Red-Rubeus	ки-3	rr-u-gzah
Green	ver	v-ay-rr
One	œ	uuh
Two-Duos	d-ø-	d-uu
Three	trwa-	t-rr-w-a
Four	k-a-tʁ-	k-ah-t-rr
Five	sẽ-k	s-ehn-k
Here	isi-	e-s-e
There	la-	1-ah
Who-Qui	k-i-	k-e
What	kwa-	k-w-ah
When-Quando	k-ã	k-NasalA
How-Quomodo	kəmã	k-euh-m-NasalA
Not	nō-	n-oon
Not-Nec	ni-	n-e
And-Et	e-	ay

Spanish

0	IDA	0
Cognate	IPA	Sounds
	jo	VdPalatalFricative-oh
We	no-s	n-oh-s
YouPlural	bo-s	b-oh-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	-usted	u-s-t-ay-d
Woman	-e-m-br-a	ay-m-b-er-ah
Woman-Mulier	mux-er	m-u-xha-ay-er
Woman-Domina	doŋa	d-oh-VdPalatalNasal-ah
ManHumanBeing	om-bre-	oh-m-b-er-ay
Child	infante-	e-n-f-ah-n-t-ay
Child-Ninnus	nipo	n-e-VdPalatalNasal-oh
Wife	espo-sa	ay-s-p-oh-s-ah
Wife-Mulier	mux-er-	m-u-xha-ay-er
Husband	mariðo-	m-ah-er-e-dd-oh
Husband-Sponsus	espo-so-	ay-s-p-oh-s-oh
Mother	maðre-	m-ah-dd-er-ay
Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimaŋ-a	ah-l-e-m-ah-VdPalatalNasal-ah

Fish-Piskem	реθ	p-ay-th
Bird-Avem	abe-	ah-b-ay
Bird-Passerem		p-ah-xha-ah-er-oh
	pa-xaro-	•
Louse	pjox-o-	p-jg-oh-xha-oh
Fruit	fruto-	f-er-u-t-oh
Flower	flor	f-l-oh-er
Nose	naso-	n-ah-s-oh
Nose-Nares	nariθ-	n-ah-er-e-th
Mouth	bo-ka	b-oh-k-ah
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estre-ja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	'a-γwa	ah-juh-w-ah
Rain	j-u-bja	VdPalatalFricative-u-b-jg-ah
Lake	lago-	l-ah-j-oh
Sea	mar-	m-ah-er
Salt	sal	s-ah-l
Earth	'tje-ra	t-jg-ay-r-ah
Fog	kalina-	k-ah-l-e-n-ah
Fog-Nebula	nje-b-la	n-jg-ay-b-l-ah
Fog-Tenebras	t-injeblas	t-e-n-jg-ay-b-l-ah-s
Fog-Fumata	fumata	f-u-m-ah-t-ah
Sky	'θjelo	th-jg-ay-l-oh
Wind	'bjento-	b-jg-ay-n-t-oh
Fire-Focus	fwego-	f-w-ay-g-oh
Year	-	ah-VdPalatalNasal-oh
	a-no-	
Name-Nominem	nom-bre-	n-oh-m-b-er-ay
Tongue	'lengwa	l-ay-nya-g-w-ah
ToDrink	beb-er-	b-ay-b-ay-er
ToEat	komer-	k-oh-m-ay-er
ToEat-Manducare	mandukar-	m-ah-n-d-u-k-ah-er
ToBite	m-orðer-	m-oh-er-dd-ay-er
ToBite-Morsicare	mo-s-kar-	m-oh-s-k-ah-er
ToSpit-Exconspuere	esku-pir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToKnow-Sapere	sab-er-	s-ah-b-ay-er
ToKnow-Cognoscere	ko-noθer-	k-oh-n-oh-th-ay-er
ToThink	kwidar-	k-w-e-d-ah-er
ToThink-Pensare	pensar-	p-ay-n-s-ah-er
ToFear	temer-	t-ay-m-ay-er
ToFear-Tremere	trem-er-	t-er-ay-m-ay-er
ToSleep	d-ormir-	d-oh-er-m-e-er
ToLive	bibir-	b-e-b-e-er
ToDie	morir-	m-oh-er-e-er
ToKill-Adnecare	a-negar-	ah-n-ay-g-ah-er
ToKill-Mactare	ma-tar-	m-ah-t-ah-er
ToFight	pu-par-	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	ba-t-ir-	b-ah-t-e-er
ToHunt-Captiare	ka-θ-ar-	k-ah-th-ah-er
ToHit	pu-xar-	p-u-xha-ah-er
ToCut	s-egar-	s-ay-j-ah-er
ToCut-Curtare	kortar-	k-oh-er-t-ah-er
ToCut-Taliare	ta-x-ar-	t-ah-xha-ah-er
ToSplit	dibidir-	d-e-b-e-d-e-er
ToSplit-Findere	-ender-	
		ay-n-d-ay-er
ToSplit Separare	partir-	p-ah-er-t-e-er
ToSplit-Separare	separar-	s-ay-p-ah-er-ah-er

ToScratch	ra-er-	r-ah-ay-er
ToScratch-Rasare	rasar-	r-ah-s-ah-er
ToScratch-Rasicare	raskar	r-ah-s-k-ah-er
	kabar	k-ah-b-ah-er
ToDig-Cavare		
ToDig-Excavare	eskabar-	ay-s-k-ah-b-ah-er
ToSwim	n-adar-	n-ah-d-ah-er
ToSwim-Navigare	nabegar-	n-ah-b-ay-g-ah-er
ToFly	bolar-	b-oh-l-ah-er
ToWalk	kaminar-	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar-	ah-n-d-ah-er
ToCome	benir-	b-ay-n-e-er
ToLieAsInABed	ekstender-	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	ja-θer-	VdPalatalFricative-ah-th-ay-er
ToSit	S-eſ-	s-ay-er
ToSit-Sedentare	sentar-	s-ay-n-t-ah-er
ToStand	estar-	ay-s-t-ah-er
ToStand-Levare	jebar-	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	-alθ-ar-	ah-l-th-ah-er
ToTurnIntransitive	tornar-	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrare	xirar-	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar-	b-e-er-ah-er
ToTurnIntransitive-Torquere	torθer-	t-oh-er-th-ay-er
ToFall	k-a-er-	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToHold	ten-er-	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	eksprem-ir-	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	se-rar	s-ay-r-ah-er
ToSqueeze-Serare	θe-rar-	th-ay-r-ah-er
ToSqueeze-Appectorare	a-pretar-	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrep-ir-	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar-	f-er-ay-g-ah-er
ToRub-Frictare	frotar-	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	Ιαβαι-	l-ah-bb-ah-er
ToWipe-Extergere	e-starsir-	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enx-uq-ar-	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpj-ar-	1-e-m-p-jg-ah-er
ToPull	tirar-	t-e-er-ah-er
ToPull-Pulsare	pu-xar-	p-u-xha-ah-er
ToThrow	-e-tʃar	ay-ts-ah-er
ToThrow-Lanceare	lanθ-ar-	l-ah-n-th-ah-er
ToThrow-Eruncare	a-rankar	ah-r-ah-n-k-ah-er
ToTie	legar-	1-ay-g-ah-er
ToTie-Aptare	a-tar-	ah-t-ah-er
ToSew	kos-er-	k-oh-s-ay-er
ToCount	kontar-	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar-	ay-n-u-m-ay-er-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar-	k-ah-n-t-ah-er
ToPlay-Ludere	ludir-	l-u-d-e-er
ToPlay-Jiocare	xu-gar-	xha-u-j-ah-er
ToFloat	flugtwar-	f-l-u-g-t-w-ah-er
ToFlow	fluir-	f-l-u-e-er
ToFlow-Colare	kolar-	k-oh-l-ah-er
ToFlow-Excurrere	e-skurir-	ay-s-k-u-r-e-er
ToFlow-Currere	ko-rer-	k-oh-r-ay-er

ToFreeze	-elar-	ay-l-ah-er
ToBurn-Cremare	k-emar-	k-ay-m-ah-er
ToBurn-Flammare	fla-mear	f-l-ah-m-ay-ah-er
ToBurn-Ardere	arder-	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθend-er-	ay-n-th-ay-n-d-ay-er
All-Totus	to-do-	t-oh-d-oh
Many	mu-ʧo-	m-u-ts-oh
Many-Tantus	tanto-	t-ah-n-t-oh
Some	alguno	ah-l-j-u-n-oh
Few	poko-	p-oh-k-oh
Other	o-t-ro	oh-t-er-oh
Big	та-по-	m-ah-VdPalatalNasal-oh
Big-Grandem	grande-	g-er-ah-n-d-ay
Long-Longum	lo-ngo-	l-oh-n-j-oh
Long-Largum	laryo-	l-ah-er-juh-oh
Wide	lato-	l-ah-t-oh
Wide-Amplum	antʃ-o-	ah-n-ts-oh
Heavy	grabe-	g-er-ah-b-ay
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	pesa-ðo	p-ay-s-ah-dd-oh
Small-Pittinus	pe-keno-	p-ay-k-ay-VdPalatalNasal-oh
Short	korto-	k-oh-er-t-oh
Short-Brevis	brebe-	b-er-ay-b-ay
Narrow	angosto-	ah-n-g-oh-s-t-oh
Narrow-Strictus	estr-efo-	ay-s-t-er-ay-ts-oh
Thin	menu-do-	m-ay-n-u-d-oh
Thin-Delicatus	del-γaðo-	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	su-til	s-u-t-e-l
Right-Dextrem	dje-stro-	d-jg-ay-s-t-er-oh
Right-Directum	der-e-tfo-	d-ay-er-ay-ts-oh
Red-Russus	ro-xo-	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	ru-bjo-	r-u-b-jg-oh
Green	ber-de-	b-ay-er-d-ay
One	'uno-	u-n-oh
Two-Duos	d-os	d-oh-s
Three	tr-es	t-er-ay-s
Four	kwa-tro	k-w-ah-t-er-oh
Five	'θink-o	th-e-n-k-oh
Here	-a-ki-	ah-k-e
There	a-ja-	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen-	k-jg-ay-n
What	k-e-	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no-	n-oh
Not-Nec	ni-	n-e
And-Et	i-	e

Italian

Cognate	IPA	Sounds
	io	e-oh
We	no:i-	n-O-e

YouPlural	'vo:i-	v-O-e
YouSingular	tu	t-u
Woman	femmi-n-a	f-ay-m-m-e-n-ah
Woman-Mulier	πολλε	m-oh-yuh-ay
Woman-Domina	don-na	d-euh-n-n-ah
ManHumanBeing-Homo	womo	w-euh-m-oh
Child	fante-	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife	-spo-za	n-e-n-on s-p-euh-zz-ah
Wife-Mulier	-sp3-za moλλe	*
Husband	marito-	m-oh-yuh-yuh-ay m-ah-r-e-t-oh
Husband-Sponsus Husband-Socius	-spo-zo-	s-p-euh-zz-oh s-euh-ts-oh
Mother	soff-o-	
	ma:dre-	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bi∬-a	b-e-shh-shh-ah
Fish-Piskem	pesse-	p-ay-shh-shh-ay
Bird-Avicellum	u-tʧ-εllo-	u-t-ts-eh-l-l-oh
Bird-Passerem	passero-	p-ah-s-s-ay-r-oh
Louse	p-idəkkjo-	p-e-d-euh-k-k-jg-oh
Fruit	fru-tto-	f-r-u-t-t-oh
Flower	ˈfjoːɾe-	f-jg-O-er-ay
Nose	na:so-	n-A-s-oh
Nose-Nares	naritſe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Sun	sole-	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	-st-ella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddz-a	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
Lake	lago-	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale-	s-ah-l-ay
Earth	't-εrra	t-eh-r-r-ah
Fog	kalidzine-	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	n-ebb-ja	n-ay-b-b-jg-ah
Fog-Tenebrae	te:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	t-ε:n-ebre-	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	ˈʧ-εlo-	ts-eh-l-oh
Wind	'v-εnto-	v-eh-n-t-oh
Fire-Focus	fwoko-	f-w-euh-k-oh
Year	anno-	ah-n-n-oh
Name-Nomen	no:me-	n-O-m-ay
Tongue	'lingwa	l-e-n-g-w-ah
ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandzare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	m-ordere	m-euh-r-d-ay-r-ay
ToBite ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	-sputare	s-p-u-t-ah-er-ay
ToKnow-Sapere	sap-ere	s-ah-p-ay-r-ay
ToKnow-Sapere ToKnow-Cognoscere	ko-no∬ere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink		k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
	k-odzitare	•
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	trem-are	t-r-ay-m-ah-r-ay

TaClaan	1	4 -1
ToSleep ToLive	d-ormire	d-oh-r-m-e-r-ay
	vivere	v-e-v-ay-r-ay
ToDie	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utsfidere	u-t-ts-e-d-ay-er-ay
ToFight	риппаге	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	batt-ere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattf-are	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	s-egare	s-ay-j-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	ta-λλa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ſ-indere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay
ToStab	p-undzere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-lugulare	jugula:re	jg-u-j-u-l-A-r-ay
ToScratch	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	skavare	s-k-ah-v-ah-r-ay
ToSwim		
	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merdzere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	andare	ah-n-d-ah-r-ay
ToCome	venire	v-ay-n-e-er-ay
ToLieAsInABed	e-stendere	ay-s-t-eh-n-d-ay-r-ay
ToLieAsInABed-lacere	dza-tfe:re	VdPalatoAlveolarSibilant-ah-ts-ai-er-ay
ToSit	s-edere	s-ay-d-ay-r-ay
ToStand	-stare	s-t-ah-r-ay
ToStand-Levare	levare	l-ay-v-ah-r-ay
ToStand-Altiare	-altsare	ah-l-VlAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive	tornare	t-oh-r-n-ah-r-ay
ToTurnIntransitive-Gyrare	dzirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torquere	tortsere	t-euh-r-ts-ay-r-ay
ToFall	k-adere	k-ah-d-ay-er-ay
ToHold	ten-ere	t-ay-n-ay-er-ay
ToSqueeze	sprem-ere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	-strindzere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-j-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terdzere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	a∬-ug-are	ah-shh-shh-u-g-ah-r-ay
ToPull	tirare	t-e-r-ah-r-ay
ToPull-Pulsare		
	pulsare	p-u-l-s-ah-r-ay
ToPull-Trahere	trar-re	t-r-ah-r-r-ay
ToPush	impindzere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dzettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lantsare	l-ah-n-ts-ah-r-ay

ToThrow-Eruncare	arron∯are	ah-r-r-oh-n-ts-ah-r-ay
ToTile	legare	l-ay-g-ah-r-ay
ToSew	kuff-ire	k-u-ts-e-r-ay
ToCount	kontare	k-oh-n-t-ah-r-ay
ToCount-Enumerare	enumerare	ay-n-u-m-ay-r-ah-r-ay
ToSay	dire	d-e-r-ay
		•
ToSay-Exponere	spor-re	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dzo-kare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dzelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gjattsjare	g-jg-ah-t-ts-jg-ah-r-ay
ToBurn-Brojan	brutfare	b-r-u-ts-ah-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	intsendjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	onni-	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto-	t-u-t-t-oh
Many	molto-	m-oh-l-t-oh
Many-Tantus	tanto-	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko-	p-euh-k-oh
Other	alt-ro	ah-l-t-r-oh
Big	тарро-	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande-	g-r-ah-n-d-ay
Long-Longum	lu-ngo-	l-u-n-g-oh
Long-Largum	largo-	l-ah-r-g-oh
Wide	lato-	l-ah-t-oh
Wide-Amplum	ampjo-	ah-m-p-jg-oh
Heavy	greve-	g-r-eh-v-ay
Heavy-Lurdus	lordo-	l-oh-r-d-oh
Heavy-Pesant	pesante	p-ay-s-ah-n-t-ay
Small-Pittinus	pittino-	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo-	p-e-k-k-oh-l-oh
Short	korto-	k-oh-r-t-oh
Short-Brevis	breve-	b-r-eh-v-ay
Narrow	angusto-	ah-n-g-u-s-t-oh
Narrow-Strictus	-str-e-tto-	
	-str-e-πο- minu-to-	s-t-r-ay-t-t-oh
Thin Thin-Delicatus	delikato-	m-e-n-u-t-oh
	sottile-	d-ay-l-e-k-ah-t-oh
Thin-Subtilis		s-oh-t-t-e-l-ay
Right-Dextrem	d-ε-stro-	d-eh-s-t-r-oh
Right-Directum	destra	d-eh-s-t-r-ah
Red	rub-ro	r-u-b-r-oh
Red-Russus	rosso-	r-oh-s-s-oh
Red-Vermiculus	vermiλ-λο-	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	robbjo-	r-euh-b-b-jg-oh
Green	ver-de-	v-ay-r-d-ay
One	'uno-	u-n-oh

Two-Duae	du-e	d-u-ay
Three	'tr-e-	t-r-ay
Four	kwattro	k-w-ah-t-t-r-oh
Five	ˈʧiŋkwe	ts-e-nya-k-w-ay
Here	kwi-	k-w-e
There	la-	l-ah
There-Ibi	-vi	v-e
Who-Qui	k-i-	k-e
What	k-e-	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne-	n-ay
And-Et	e-	ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	-e-w	ay-w
We	noj-s	n-euh-jg-s
YouPlural	vojs	v-euh-jg-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vos-e-	v-oh-s-ay
Woman	fe-meɐ	f-ay-m-ay-ahh
Woman-Mulier	muλ-er	m-u-yuh-ay-rr
Woman-Domina	done	d-oh-n-ahh
ManHumanBeing	omej̃	oh-m-nasal_diphthong_portuguese1
Child	ĩ-fẽ-¶ĩ-	een-f-ahn-ts-e
Child-Ninnus	nenej	n-ay-n-nasal_diphthong_portuguese1
Wife	ispo-za	e-s-p-oh-zz-ah
Wife-Mulier	mnγ-er-	m-u-yuh-ay-rr
Husband	maridu-	m-ah-er-e-d-u
Husband-Sponsus	ispo-zu-	e-s-p-oh-zz-u
Mother	mej	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bi-∫-ɐ	b-e-shh-ahh
Fish-Piskem	pej∫-i-	p-ej_diphthong-shh-e
Bird-Avem	avi-	ah-v-e
Bird-Passerem	pa-seru-	p-ah-s-ahh-er-u
Louse	p-i-o-ʎu-	p-e-oh-yuh-u
Fruit	frute-	f-er-u-t-ahh
Flower	tlor	f-l-oh-rr
Nose-Nares	naris-	n-ah-er-e-s
Mouth	bo-ke	b-oh-k-ahh
Sun	sow	s-euh-w
Moon	lu-e	l-u-ahh
Star	istre-le	e-s-t-er-ay-l-ahh
Water	'a-gwe	ah-g-w-ahh
Rain	∫-u-v-ɐ	shh-u-v-ahh
Lake	lagu-	l-ah-g-u
Sea	mar-	m-ah-rr
Salt	saw	s-ah-w
Earth	,t-е-кь	t-ay-rr-ahh
Fog	kaliʒēj̃	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	n-e-vw-e	n-eh-v-w-ahh

Fog-Fumata	fumase	f-u-m-ah-s-ahh
Sky	S-EW	s-eh-w
Wind	'v-ẽ-tu-	v-ehn-t-u
Fire-Focus		
	f-ogu-	f-oh-g-u
Year	e-nu-	ahh-n-u
Name-Nomen	nomi-	n-oh-m-e
Tongue	'lĩ-gwe	l-een-g-w-ahh
ToDrink	pep-er-	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	ш <u>ь</u> -2ак-	m-ahn-gzah-ah-rr
ToBite	m-orqer-	m-oh-rr-d-ay-rr
ToBite-Morsicare	mu-səga	m-u-s-aah-g-ah
ToSuck	sugar-	s-u-g-ah-rr
ToSpit	ku-spir	k-u-s-p-e-rr
ToKnow-Sapere	sab-er-	s-ah-b-ay-rr
ToKnow-Cognoscere	ko-pes-er-	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	k-uʒitaʁ-	k-u-gzah-e-t-ah-rr
ToThink-Pensare	be-sar-	p-ehn-s-ah-rr
ToFear	temer-	t-ay-m-ay-rr
ToFear-Tremere	trem-er-	t-er-ay-m-ay-rr
ToSleep	q-ormir-	d-oh-rr-m-e-rr
ToLive	viver-	v-e-v-ay-rr
ToDie	morer-	m-oh-rr-ay-rr
ToKill-Mactare	ma-tak-	m-ah-t-ah-rr
ToFight-Battuere	ba-t-ek-	b-ah-t-ay-rr
		k-ah-s-ah-rr
ToHunt-Captiare	ka-s-au-	
ToHit	pu-∫aĸ-	p-u-shh-ah-rr
ToCut	s-egar-	s-ay-g-ah-rr
ToCut-Curtare	kortar-	k-oh-rr-t-ah-rr
ToCut-Taliare	ta-γ-ar-	t-ah-yuh-ah-rr
ToSplit	द्यांग्राद्यां ष -	VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	te-qer-	f-ehn-d-ay-rr
ToSplit-Partire	bartlır-	p-ah-rr-ts-e-rr
ToSplit-Separare	sebatar-	s-ay-p-ah-er-ah-rr
ToStab	b-ñ-3ir-	p-ooo-gzah-e-rr
ToScratch	Ra-eR-	rr-ah-ay-rr
ToScratch-Rasare	Razar-	rr-ah-zz-ah-rr
ToScratch-Rasicare	ra∫kar	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaĮ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	ksnar	k-ahh-v-ah-rr
ToDig-Excavare	i-∫kɐvaʁ-	e-shh-k-ahh-v-ah-rr
ToSwim	n-adaĸ-	n-ah-d-ah-rr
ToSwim-Navigare	naviyar-	n-ah-v-eee-juh-ah-rr
ToFly	vo-ar-	v-oh-ah-rr
ToWalk	keminas-	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	s-qar-	ahn-d-ah-rr
ToCome	ViR-	v-e-rr
ToLieAsInABed	istē-deĸ-	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	3s-zer-	gzah-ahh-zz-ay-rr
ToSit	s-er-	s-ay-rr
ToSit-Sedentare	sētar-	s-ehn-t-ah-er
ToStand	iſtar-	eee-shh-t-ah-er
ToStand-Levare	levar-	l-ay-v-ah-rr
ToStand-Altiare	-ats-a	ah-ssha-s-ah
ToTurnIntransitive	tornar-	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	zirar-	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	virar-	v-e-er-ah-er

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ToTurnIntransitive-Torquere	turser-	t-u-r-s-ay-r
ToFall	k-e-ir-	k-ahh-e-er
ToFall-Tumbare	tõ-bar	t-on-b-ah-rr
ToHold	teĸ-	t-ay-rr
ToHold-Segurar	sɨdnuar	s-eee-g-u-er-ah-тr
ToSqueeze	i-∫brəm-er-	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	se-ra	s-ay-rr-ah
ToSqueeze-Serare	si-rat-	s-eee-rr-ah-er
ToSqueeze-Appectorare	e-pi-r-tar-	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ə∫trĩ-ʒir-	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	i∫frigar	eee-shh-f-er-eee-g-ah-er
ToWash	levar-	l-ahh-v-ah-er
ToWipe-Exsucare	ẽ-∫-ug-aɾ-	ehn-shh-u-g-ah-er
ToWipe-Limpidare	lĩ-par-	l-een-p-ah-er
ToPull	fira	ts-e-er-ah
ToPull-Pulsare	pu-∫aɾ-	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	le-s-a	l-ahn-s-ah
ToTie-Aptare	e-tar-	ahh-t-ah-er
ToSew	kuz-er-	k-u-zz-ay-er
ToCount	kõtar-	k-on-t-ah-er
ToCount-Enumerare	enumerar-	ay-n-u-m-ay-er-ah-er
ToSay	diz-er	d-e-zz-ay-er
ToSing-AncestralClass	ke-tar-	k-ahn-t-ah-er
ToPlay-Jiocare	30-dar-	gzah-oh-g-ah-rr
ToFloat	flu-tuar-	f-l-u-t-u-ah-rr
ToFlow	flwir-	f-l-w-e-rr
ToFlow-Colare	ko-ar-	k-oh-ah-rr
ToFlow-Excurrere	i-∫ko-rer-	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	ko-rer-	k-oh-rr-ay-rr
ToFreeze	zɨlaɾ-	gzah-eee-l-ah-er
ToBurn-Cremare	k-ejmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	arder-	ah-rr-d-ay-rr
ToBurn-Flagrare	tlagrar-	f-l-ah-j-rr-ah-rr
ToBurn-Incendere	ĩ-sendziar-	een-s-ay-n-VdPalatoAlveolarSibilant-NearCloseFrontUnrounded
10Ban modification	1 Selicijai	-ah-er
All-Totus	to-du-	t-oh-d-u
Many	mũj-tu	m-ooo-jn-t-u
Many-Tantus	te-tu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owt-ru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	gre-dzi-	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lõ-gu-	l-on-g-u
Long-Largum	largu-	l-ah-rr-g-u
Wide	latu-	l-ah-t-u
Wide-Amplum	e-∫-u-	ahn-shh-u
Heavy	gravi-	g-er-ah-v-e
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	peza-du	p-ay-zz-ah-d-u
Small-Pittinus	pe-kenu-	p-ay-k-ay-n-u
Short	kurtu-	k-u-rr-t-u
Short-Brevis	'brevi-	b-er-eh-v-e
Narrow-Strictus	istr-ejtu-	e-s-t-er-ej_diphthong-t-u
Thin	mi-u-du-	m-e-u-d-u

Thin-Delicatus	dew-gadu-	d-ay-w-g-ah-d-u
Thin-Subtilis	su-¶iw	s-u-ts-e-w
Right-Dextrem	d-ε-stru-	d-eh-s-t-er-u
Right-Directum	dir-ej-te-	d-e-er-diphthong_portuguese-t-ahh
Red-Russus	ro-∫Ω-	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	vermeγn-	v-ay-rr-m-ay-yuh-u
Red-Rubeus	ru-beo-	r-u-b-ay-oh
Green	ver-di-	v-ay-er-d-eee
One	ũ	000
Two-Duos	d-ojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tr-es	t-er-ay-s
Four	kwa-tru	k-w-ah-t-er-u
Five	ˈsĩ-k-u	s-een-k-u
Here	-a-ki-	ah-k-e
There	la-	l-ah
There-Adlbi	ai	ah-e
Who-Quem	k-ẽj̃	k-nasal_diphthong_portuguese1
What	k-i-	k-e
When-Quando	kwe-du	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	new w	n-au_diphthong_nasal
Not-Nec	nej	n-nasal_diphthong_portuguese1
And-Et	i-	e

Portuguese

Tortuguese		
Cognate	IPA	Sounds
	-e-w	ay-w
We	no-∫	n-euh-shh
YouPlural	vo-∫	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vos-e-	v-euh-s-ay
Woman	'fe-mjะ	f-ay-m-jg-ahh
Woman-Mulier	muλ-er	m-u-yuh-ay-er
Woman-Domina	done	d-oh-n-ahh
ManHumanBeing	omēj̃	euh-m-nasal_diphthong_portuguese1
Child	ĩ-fɐ̃-tɨ-	een-f-ahn-t-eee
Child-Ninnus	nenej	n-ay-n-nasal_diphthong_portuguese1
Wife	i∫po-zɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muλ-er-	m-u-yuh-ay-er
Husband	meriðu-	m-ahh-er-e-dd-u
Husband-Sponsus	i∫po-zu-	eee-shh-p-oh-zz-u
Mother	mej	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bi-∫-e	b-e-shh-ahh
Fish-Piskem	pej∫-i-	p-diphthong_portuguese-shh-eee
Bird-Avem	avi-	ah-v-eee
Bird-Passerem	pa-seru-	p-ah-s-ahh-er-u
Louse	p-i-o-ʎu-	p-e-oh-yuh-u
Fruit	frute-	f-er-u-t-ahh
Flower	flor	f-l-oh-er
Nose-Nares	neciJ-	n-ahh-er-e-shh
Mouth	bo-ke	b-oh-k-ahh
Sun	sə l	s-euh-ssha

Moon	lu-e	1-u-ahh
Star	istre-le	eee-shh-t-er-ay-l-ahh
Water	'a-gwe	ah-g-w-ahh
Rain	f-u-v-e	shh-u-v-ahh
Lake	layu-	l-ah-juh-u
		·
Sea	mar-	m-ah-er
Salt	sal	s-ah-l
Earth	t-ε-κε	t-eh-rr-ahh
Fog	kelizej	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	n-e-wv-e	n-eh-v-w-ahh
Fog-Tenebras	trev-ef	t-er-eh-v-ahh-shh
Fog-Fumata	fumase	f-u-m-ah-s-ahh
Sky	s-ew	s-eh-w
Wind	'v-ẽ-tu-	v-ehn-t-u
Fire-Focus	f-oyu-	f-oh-juh-u
Year	e-nu-	ahh-n-u
Name-Nomen	nomi-	n-oh-m-eee
Tongue	'lĩ-gwe	l-een-g-w-ahh
ToDrink	bɨβ-eɾ-	b-eee-bb-ay-er
ToEat	kumer-	k-u-m-ay-er
ToEat-Manducare	me-3ar-	m-ahn-gzah-ah-er
ToBite	m-urðer-	m-u-er-dd-ay-er
ToBite-Morsicare	mu-səgar-	m-u-s-aah-g-ah-r
ToSuck	sugar-	s-u-g-ah-er
ToSpit	ku-∫pir	k-u-shh-p-e-er
ToKnow-Sapere	sep-er-	s-ahh-b-ay-er
ToKnow-Cognoscere	ku-pis-er-	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	k-uzitar-	k-u-gzah-e-t-ah-er
ToThink ToThink-Pensare		•
ToFear	pē-sar- timer-	p-ehn-s-ah-er
		t-eee-m-ay-er
ToFear-Tremere	trim-er-	t-er-eee-m-ay-er
ToSleep	d-urmir-	d-u-er-m-e-er
ToLive	viver-	v-e-v-ay-er
ToDie	mnret-	m-u-rr-ay-er
ToKill-Mactare	me-tar-	m-ahh-t-ah-er
ToFight-Battuere	be-t-er-	b-ahh-t-ay-er
ToHunt-Captiare	ke-s-ar-	k-ahh-s-ah-er
ToHit	pu-ʃaɾ-	p-u-shh-ah-er
ToCut	s-iyar-	s-eee-juh-ah-er
ToCut-Curtare	kurtar-	k-u-er-t-ah-er
ToCut-Taliare	te-γ-at-	t-ahh-yuh-ah-er
ToSplit	diviðir-	d-e-v-e-dd-e-er
ToSplit-Findere	fē-der-	f-ehn-d-ay-er
ToSplit-Partire	pertir-	p-ahh-er-t-e-er
ToSplit-Separare	siperar-	s-eee-p-ahh-er-ah-er
ToStab	p-ũ-ʒir-	p-ooo-gzah-e-er
ToScratch	RG-et-	rr-ahh-ay-er
ToScratch-Rasare	REZU-	rr-ahh-zz-ah-er
ToScratch-Rasicare	rs∫kat	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kevar	k-ahh-v-ah-er
ToDig-Excavare	i-ſkevar-	e-shh-k-ahh-v-ah-er
ToSwim	n-rðar-	n-ahh-dd-ah-er
ToSwim-Navigare	neviyar-	n-ahh-v-eee-juh-ah-er
ToFly	vw-ar-	v-w-ah-er
ToWalk	kemipar-	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	v-dar-	ahn-d-ah-er
I OVVAIN-AIIDILAI C	6-uar-	ami-u-an-u

T-0	•	
ToCome	Vir- : 0 = 1	V-e-er
ToLieAsInABed	istē-der-	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	3s-zet-	gzah-ahh-zz-ay-er
ToSit	s-er-	s-ay-er
ToSit-Sedentare	sẽtar-	s-ehn-t-ah-er
ToStand	iʃtar-	eee-shh-t-ah-er
ToStand-Levare	livar-	l-eee-v-ah-er
ToStand-Altiare	-als-ar-	ah-ssha-s-ah-er
ToTurnIntransitive	turnar-	t-u-er-n-ah-er
ToTurnIntransitive-Gyrare	zirar-	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zirar-	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser-	t-u-r-s-ay-r
ToFall	k-e-ir-	k-ahh-e-er
ToFall-Tumbare	tõ-bar	t-on-b-ah-er
ToHold	ter-	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	i-∫prəm-er-	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sə-rar-	s-aah-VlUvularTrill-ah-er
ToSqueeze-Serare	si-rat-	s-eee-rr-ah-er
ToSqueeze-Appectorare	e-pi-r-tar-	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtrĩʒir-	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	levar-	l-ahh-v-ah-er
ToWipe-Exsucare	ẽ-∫-uγ-ar-	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lĩ-par-	l-een-p-ah-er
ToPull	tirar-	t-e-er-ah-er
ToPull-Pulsare	pu-ʃaɾ-	p-u-shh-ah-er
ToPull-Trahere	trezer-	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	le-s-ar-	l-ahn-s-ah-er
ToTie-Aptare	e-tar-	ahh-t-ah-er
ToSew	kuz-er-	k-u-zz-ay-er
ToCount	kõtar-	k-on-t-ah-er
ToCount-Enumerare	enumerar-	ay-n-u-m-ay-er-ah-er
ToSay	diz-er	d-e-zz-ay-er
ToSing-AncestralClass	ke-tar-	k-ahn-t-ah-er
ToPlay-Jiocare	zu-yar-	gzah-u-juh-ah-er
ToFloat	flu-tuar-	f-l-u-t-u-ah-er
ToFlow	flwir-	f-1-w-e-er
ToFlow-Colare	ku-ar-	k-u-ah-er
ToFlow-Excurrere	i-∫ku-rer-	e-shh-k-u-VlUvularTrill-ay-er
	kn-ret-	
ToFreeze	zilar-	k-u-rr-ay-er gzah-eee-l-ah-er
ToBurn-Cremare	k-ejmare	k-ej diphthong-m-ah-rr-ay
	k-ejmake	
ToBurn-Ardere		ahh-er-d-ay-er
ToBurn-Flagrare	flagrar-	f-l-ah-g-er-ah-er
ToBurn-Incendere	ĩ-sẽ-djar-	een-s-ehn-d-jg-ah-er
All-Totus	to-ðu-	t-oh-dd-u
Many	mũj-tu	m-ooo-jn-t-u
Many-Tantus	te-tu-	t-ahn-t-u
Some	ałgũ	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owt-ru	oh-w-t-er-u
Other-Alius	ał	ah-ssha
Big-Grandem	gre-di-	g-er-ahn-d-eee
Long-Longum	lõ-gu-	l-on-g-u
Long-Largum	largu-	l-ah-er-g-u

Wide	latu-	l-ah-t-u
Wide-Amplum	ẽ-∫-u-	ahn-shh-u
Heavy	grav i -	g-er-ah-v-eee
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	pɨza-ðu	p-eee-zz-ah-dd-u
Small-Pittinus	pi-kenu-	p-eee-k-ay-n-u
Short	kurtu-	k-u-er-t-u
Short-Brevis	'brevi-	b-er-eh-v-eee
Narrow-Strictus	istr-vjtu-	eee-shh-t-er-diphthong_portuguese-t-u
Thin	mi-u-ðu-	m-e-u-dd-u
Thin-Delicatus	dεł-γaðu-	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	su-¶iw	s-u-ts-e-w
Right-Dextrem	d-ε-∫tru-	d-eh-shh-t-er-u
Right-Directum	dir-ej-te-	d-e-r-diphthong_portuguese-t-ahh
Red-Russus	Ro-∫n-	rr-oh-shh-u
Red-Vermiculus	vɨrmɐjʎu-	v-eee-er-m-diphthong_portuguese-yuh-u
Red-Rubeus	ru-beo-	r-u-b-ay-oh
Green	ver-di-	v-ay-er-d-eee
One	ũ	000
Two-Duos	d-oj∫	d-oj diphthong-shh
Two-Duas	due∫	d-u-ahh-shh
Three	tr-e∫	t-er-ay-shh
Four	kwa-tru	k-w-ah-t-er-u
Five	ˈsĩ-k-u	s-een-k-u
Here	-e-ki-	ahh-k-e
There	la-	l-ah
There-Adlbi	вi	ahh-e
Who-Quem	k-ej	k-nasal diphthong portuguese2
What	k-i-	k-eee
When-Quando	kwe-du	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	new	n-au_diphthong_nasal
Not-Nec	nej	n-nasal_diphthong_portuguese2
And-Et	i-	e

Catalan

Catalali		
Cognate	IPA	Sounds
l	30	gzah-euh
YouPlural	bu-s	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste-	v-oh-s-t-ay
Woman	fe-m-br-a	f-ay-m-b-er-ah
Woman-Mulier	muλ-e	m-u-yuh-ay
Woman-Domina	dənə	d-euh-n-aah
ManHumanBeing	-əmə	euh-m-aah
Child-Ninnus	nen-	n-ay-n
Wife	əspə-zə	aah-s-p-euh-zz-aah
Wife-Mulier	muλ-e-	m-u-yuh-ay
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspə-s	aah-s-p-euh-s
Mother	ma-rə-	m-ah-er-aah
Father	pa-rə	p-ah-er-aah
Fish-Piskem	pe∫	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	us-e-√	u-s-ay-yuh

Louse	р-о	p-oh-yuh
Fruit	fruj-t	f-er-u-jg-t
Flower	flo	f-l-euh
Nose	nas	n-ah-s
Nose-Nares		n-A-r-NearCloseFrontUnrounded-s
	na:ris-	
Mouth	bo-kə	b-oh-k-aah
Sun	sol	s-euh-l
Moon	Λunə	yuh-u-n-aah
Star	əst-ɛ-l-	aah-s-t-eh-l
Water	ˈaj-γwə	aj_diphthong-juh-w-aah
Rain	plu-ʒ-ə	p-l-u-gzah-aah
Lake	Λak	yuh-ah-k
Sea	mar-	m-ah-r
Salt	sal	s-ah-l
Earth	't-ε-rə	t-eh-r-aah
Fog-Nebula	n-ewlə	n-ay-w-l-aah
Fog-Tenebras	t-ən-ebrəs	t-aah-n-ay-b-er-aah-s
Sky	s-ɛl	s-eh-l
Wind	b-en	b-ay-n
Fire-Focus	f-ok	f-euh-k
Year	a-n	ah-VdPalatalNasal
Name-Nomen	nom	n-euh-m
ToDrink	pemtə	b-eh-w-er-aah
ToEat-Manducare	тәрза	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	mu-səya	m-u-s-aah-juh-ah
ToSpit-Exconspuere	•	aah-s-k-u-p-e
	əsku-pi	s-aah-bb-eh
ToKnow-Sapere	səβ-ε	k-u-n-eh-shh-aah
ToKnow-Cognoscere	ku-nε∫-ə	
ToThink	k-u-jda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToFear	temə	t-ay-m-aah
ToSleep	d-urmi	d-u-r-m-e
ToLive	en-wid	b-e-w-er-aah
ToDie	muri	m-u-er-e
ToKill	n-əga	n-aah-g-ah
ToKill-Mactare	mə-ta	m-aah-t-ah
ToKill-Occidere	uksi	u-k-s-e
ToFight	ри-ра	p-u-VdPalatalNasal-ah
ToFight-Battuere	ba-trə	b-ah-t-er-aah
ToHunt-Captiare	kə-s-a	k-aah-s-ah
ToCut	s-əya	s-aah-juh-ah
ToCut-Taliare	tə-ʎ-a	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fend-rə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	p-un-i	p-u-VdPalatalNasal-e
ToScratch	raw-rə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	rəska-	r-aah-s-k-ah
ToDig-Cavare	kəba	k-aah-b-ah
ToSwim	n-əda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
	bula	b-u-l-ah
ToFly		
ToWalk	kəmina	k-aah-m-e-n-ah
ToCome	bəni	b-aah-n-e
ToLieAsInABed	ə-stend-rə	aah-s-t-ay-n-d-er-aah

T 1: A 1 AB 11		1 1 1
ToLieAsInABed-lacere	3awrə	gzah-ah-w-er-aah
ToStand	əsta	aah-s-t-ah
ToStand-Levare	Λəba	yuh-aah-b-ah
ToStand-Altiare	-əls-a	aah-l-s-ah
ToTurnIntransitive	turna-	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-Torquere	torsə	t-euh-r-s-aah
ToFall	k-aw-rə	k-ah-w-r-aah
ToFall-Tumbare	tumba-	t-u-m-b-ah
ToHold	tən-i	t-aah-n-e
ToSqueeze	ə-sprem-ə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	sə-ra	s-aah-r-ah
ToSqueeze-Stringere	əstrenə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa-	f-er-aah-s-ah
ToWash	ńəba	yuh-aah-b-ah
ToWipe-Extergere	ə-stərʒi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	ə-∫-uga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	trew-rə	t-er-eh-w-er-aah
ToPush	əmpɛɲ-ə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	λəns-a	yuh-aah-n-s-ah
ToTie	λίγa	yuh-e-juh-ah
ToSew	kuz-i	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
ToPlay-Jiocare	zu-ga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-1-u-e
ToFlow-Colare	kuła	k-u-ssha-ah
ToFlow-Excurrere	ə-sko-rə	aah-s-k-oh-r-aah
ToFlow-Currere	ko-rə	k-oh-r-aah
ToFreeze	3əla	gzah-aah-l-ah
ToFreeze-Glaciare	glə-s-a	g-l-aah-s-ah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	fłama	f-ssha-ah-m-ah
ToBurn-Incendere	ənsendrə	
		aah-n-s-ay-n-d-er-aah
All- I otus	to-t	t-oh-t
Many Tantus	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əlgu	aah-l-g-u
Few	pok	p-euh-k
Other	alt-rə	ah-l-t-er-aah
Big-Grandem	gran	j-r-ah-n
Long-Longum	Λο-ŋ	yuh-oh-nya
Long-Largum	Λark	yuh-ah-er-k
Wide-Amplum	amplə-	ah-m-p-l-aah
Heavy	grew	g-er-ay-w
Heavy-Pesant	pəza-t-	p-aah-zz-ah-t
Small	pətit	p-aah-t-e-t
Short	kurt	k-u-er-t
Short-Brevis	brew	b-er-ay-w
Narrow-Strictus	əstr-et	aah-s-t-er-eh-t

Thin	mənu-t	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Right-Dextrem	d-e-strə-	d-ay-s-t-er-aah
Right-Directum	dret	d-er-eh-t
Red-Russus	ro-s	r-oh-s
Red-Vermiculus	bərmελ	b-aah-r-m-eh-yuh
Red-Rubeus	ru-dze	r-u-VdPalatoAlveolarSibilant-ay
Green	ver-t	v-eh-er-t
One	'un	u-n
Two-Duos	d-os	d-oh-s
Three	'tr-εs	t-r-eh-s
Four	kwa-trə	k-w-ah-t-er-aah
Five	ˈsiŋk	s-e-nya-k
Here	-a-ki-	ah-k-e
There	ə- Λa-	aah-yuh-ah
Who-Qui	k-i-	k-e
What	k-ε-	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kom	k-euh-m
Not	no-	n-oh
Not-Nec	ni-	n-e
And-Et	i-	e

Walloon

Cognate	IPA	Sounds
l	dз	VdPalatoAlveolarSibilant-NearCloseFrontUnrounded
We	no	n-oh
YouPlural	VO-S	v-oh-s
YouSingular	ty	t-eeh
Woman	fœ-m	f-OpenMidNearFrontRounded-m
Woman-Domina	dœm	d-OpenMidNearFrontRounded-m
ManHumanBeing	-əm	euh-m
Child	ε-fã	eh-f-NasalA
Mother	me-r	m-ay-VlUvularTrill
Father	pe:-r-	p-Eh-r
Fish-Pescion	p-εhõ	p-eh-h-on
Bird-Avicellum	u:h-ε:	U-h-Eh
Louse	pju	p-jg-u
Fruit	fry	f-VlUvularTrill-eeh
Flower	lgi.κ	f-l-o-rr
Nose	ne	n-ay
Mouth	bək	b-euh-k
Sun	sələ-	s-euh-l-euh
Moon	løn-	l-uu-n
Star	-st-ø:-1-	s-t-o-l
Water	ε:w-	Eh-w
Rain	bln:-r	p-1-U-rr
Lake	lak	1-ah-k
Sea	mer-	m-ay-rr
Salt	se	s-ay
Earth	t-ε:- r -	t-Eh-rr
Sky	S-1:R	s-E-rr
Wind	v-ẽ	v-ehn
Fire-Focus	f-ø:	f-o

Year	~ ~	NasalA
Name-Nomen	nõ	n-on
Tongue	leu	l-eu_nasalized_diphthong
ToDrink	p@:R-	b-o-rr
ToEat-Manducare		m-ah-VdPalatalNasal-E
ToSuck	mani:	
	sysi:	s-eeh-s-E
ToKnow-Sapere	sav-ø:r-	s-ah-v-o-VlUvularTrill
ToKnow-Cognoscere	ki-noh	k-e-n-euh-h
ToThink-Pensare	pε-se	p-ehnn-s-ay
ToSleep	dwarmi	d-w-ah-rr-m-e
ToDie	məri	m-euh-VlUvularTrill-e
ToKill-Tutari	tuw-e	t-u-w-ay
ToFight-Battuere	bat-e	b-ah-t-ay
ToHunt-Captiare	∮ε-s-i:	ts-eh-s-E
ToCut-Taliare	teji:	t-eh-jg-E
ToSplit-Findere	f̃ε-t	f-ehnn-t
ToSplit-Partire	po:rti	p-LongOpenMidBackRounded-VlUvularTrill-t-e
ToDig-Cavare	ça:v-le	sh-aay-v-l-ay
ToSwim-Navigare	nεʤi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vəle	v-euh-l-ay
ToWalk	fimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:ʀʧi:	m-A-VlUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dzere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	£S	eh-s
ToStand-Levare	ləve	l-aah-v-ay
ToStand-Altiare	ho:-s-i:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne-	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	vire	v-e-rr-ay
ToFall	∯-ε:R-	ts-Eh-VlUvularTrill
ToFall-Tumbare	tum-e-	t-u-m-ay
ToHold	tin-i	t-e-n-e
ToSqueeze-Serare	SE-Re	s-eh-VlUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-j-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	frote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	s-u-we	s-u-w-ay
ToPull	tire	t-e-r-ay
ToPull-Pulsare	puːsiː	p-U-s-E
ToThrow	dzete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanc-i:-	l-ah-n-tya-E
ToTie	loji:	l-euh-jg-E
ToSew	kø:z	k-o-zz
ToCount	kõte	k-on-t-ay
ToSay	qi:R	d-E-rr
ToSing-AncestralClass	∬ã-te	ts-NasalA-t-ay
ToPlay-Jiocare	dzuw-e	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kole	k-euh-l-ay
ToFreeze	dyale	VdPalatoAlveolarSibilant-ah-l-ay
ToBurn-Brojan	prii:le	b-rr-U-l-ay
All-Totus	to	t-euh
Few	põ	p-on
Other	õ-t	on-t
Big-Grandem	gra	j-rr-NasalA
Long-Longum	1õ	l-on
Heavy		j-r-ah-v
ı ıcav y	grav	J-1-411-4

Small	pi-ti	p-e-t-e
Short	ku:ĸ	k-U-rr
Short-Brevis	pret	b-rr-ay-f
Narrow-Strictus	-str-@:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:-ti	s-U-t-e
Right-Directum	drø:t	d-r-o-t
Red-Rubeus	rɔ-ʧ	r-euh-ts
Green	AER	v-eh-rr
One	õ	on
Two-Duos	d-ø:-	d-o
Three	tr-ø:-	t-r-o
Four	kwa-t	k-w-ah-t
Five	sẽ-k	s-ehn-k
There	la-	1-ah
Who-Qui	k-i:-	k-E
What	kwe:-	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	komε̃	k-euh-m-ehnn
Not-Nec	nẽ-	n-ehn
And-Et	E-	eh

Friulian

Cognate	IPA	Sounds	
i cognate	** * *		
1	jo	jg-oh	
We	no:	n-O	
YouPlural	VO:	v-O	
YouSingular	tu	t-u	
Woman	fε-mi-n-ε	f-eh-m-e-n-eh	
Woman-Mulier	muiːr	m-u-E-r	
Woman-Domina	done	d-euh-n-ay	
ManHumanBeing	m	euh-m	
Wife-Mulier	mu-i:r-	m-u-E-r	
Husband	mariːt	m-ah-r-E-t	
Husband-Sponsus	-spo:-s	s-p-O-s	
Mother	ma-ri-	m-ah-r-e	
Father	pa-ri	p-ah-r-e	
Animal	nema:1	n-ay-m-A-l	
Animal-Bestia	bis	b-e-s	
Fish-Piskem	pes	p-eh-s	
Bird-Avicellum	u∯jε-l	u-ts-jg-eh-l	
Louse	p-edo-li-	p-ay-d-oh-l-e	
Fruit	frut	f-r-u-t	
Flower	flo:r	f-l-O-r	
Nose	na:s	n-A-s	
Mouth	bə-cε	b-euh-tya-eh	
Sun-Soliculus	soreli-	s-oh-r-ay-l-e	
Moon	lune	1-u-n-ay	
Star	-st-ε-le	s-t-eh-l-ay	
Water	a-g-e	ah-j-ay	
Rain	ploje	p-l-oh-jg-ay	
Lake	la:t	Î-A-t	
Sea	maːr-	m-A-r	
Salt	sa:1	s-A-l	
Earth	tjε-re	t-jg-eh-r-ay	

	f-u-m-ah-t-ay
et avi	ts-E-1
ʧ-i:1	
'v-int	v-e-n-t
	f-U-k
3	ah-nya
	n-euh-nya
_	l-eh-n-j-eh
	b-ay-v-e
	m-ah-nya-VdPalatalStop-A
	m-w-ah-r-d-e
	tya-u-tya-A
spuda:	s-p-u-d-A
sav-e:	s-ah-v-ai
ko-nos-i	k-oh-VdPalatalNasal-oh-s-e
peŋsa:	p-ay-nya-s-A
temi	t-ay-m-e
trim-a:	t-r-e-m-A
d-urmi:	d-u-r-m-E
vivi	v-e-v-e
	m-u-r-E
matf-a:	m-ah-ts-A
bat-i	b-ah-t-e
	tya-ah-ts-A
*	p-u-l-s-A
•	s-ay-A
	s-k-u-r-t-A
	t-ah-jg-A
•	d-e-v-e-d-e
	p-ah-r-t-E
-	s-ay-p-ah-r-A
•	r-ah-d-A
	r-ah-s-A
	VdPalatalStop-ah-v-A
	zz-VdPalatalStop-ah-v-A
	n-ah-d-A
	n-ah-v-e-j-A
	zz-v-oh-l-A
	tya-ah-m-e-n-A v-e-VdPalatalNasal-E
. *	
,	jg-ay-s-e
	s-ay-n-t-A
	s-t-A
	l-ay-v-A
	ah-l-t-shh-A
	t-oh-r-n-A
	VdPalatoAlveolarSibilant-e-r-A
•	VdPalatoAlveolarSibilant-e-r-A
	ts-jg-ah-d-ay
	t-e-n-jg-e
	ay-s-p-r-e-m-e
	s-t-r-eh-n-j-E
	f-r-ay-ah
	l-ah-v-A
s-u-jaː	s-u-jg-A
tira:	t-e-r-A
pulsa:	p-u-l-s-A
	t-r-aj_diphthong
farilences skitte virile is to perform the control of the second	Euk a-ŋ

T T	1 (6	1 1
ToThrow-Lanceare	lantʃaː	l-ah-n-ts-A
ToTie	le-a:	l-ay-A
ToSew	kuzi	k-u-zz-e
ToCount	konta:	k-oh-n-t-A
ToSay	di:	d-E
ToSing-AncestralClass	canta:	tya-ah-n-t-A
ToPlay-Jiocare	dzuj-a:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	sko-ri:	s-k-oh-r-E
ToFlow-Currere	ko-ri	k-oh-r-e
ToFreeze-Glaciare	gla-ʧ-aː	j-l-ah-ts-A
ToBurn-Brojan	bruza:	b-r-u-zz-A
All-Totus	du-t	d-u-t
Many	molc	m-oh-1-tya
Many-Tantus	tanc	t-ah-n-tya
Few	po:k-	p-O-k
Other	alt-ri	ah-l-t-r-e
Big-Grandem	grant	j-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Heavy	grevi-	j-r-eh-v-e
Heavy-Pesant	pezant-	p-ay-zz-ah-n-t
Small-Pitulus	pi-∯ul	p-e-ts-u-l
Short	kurt	k-u-r-t
Narrow-Strictus	-str-εt	s-t-r-eh-t
Thin	minu:-t	m-e-n-U-t
Thin-Subtilis	su-ti:l	s-u-t-E-l
Right-Directum	'dret	d-r-eh-t
Red-Russus	ro-s	r-euh-s
Green	ver-t	v-eh-r-t
One	uŋ	u-nya
Two-Duos	d-oj-	d-oj diphthong
Three	'tr-e:-	t-r-ai
Four	kwa-tri	k-w-ah-t-r-e
Five	'tʃiŋk	ts-e-nya-k
Here	-a-ki-	ah-k-e
Who-Qui	kwi-	k-w-e
What	t∫-e-	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	tfemu:t-	ts-ay-m-U-t
Not	no-	n-oh
And-Et	e-	ay
, u.a		<i>"J</i>

Romanian

Cognate	IPA	Sounds
l	je-w	jg-ay-w
We	noj-	n-oj_diphthong
YouPlural	voj-	v-oj_diphthong
YouSingular	tu	t-u
Woman	fe-meje	f-ay-m-ay-jg-ay
Woman-Mulier	mu-jere-	m-u-jg-ay-r-ay
Woman-Domina	doam-nə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	-om	oh-m
Wife-Mulier	mu-jere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate

Father-Tata	tatə	t-ah-t-aah
Animal	-nəma-je	n-aah-m-ah-jg-ay
Fish-Piskem	peste-	p-ay-shh-t-ay
Bird-Passerem	pa-sare-	p-ah-s-aah-er-ay
Louse	p-əduk-je-	p-aah-d-u-k-jg-ay
Fruit	fru-kt	f-r-u-k-t
Flower	floare-	f-l-midback diphthong romanian-er-ay
Nose	nas	n-ah-s
Mouth	bu-kə	b-u-k-aah
Mouth-Gula	'gurə	j-u-er-aah
Sun	~	s-midback diphthong romanian-er-ay
Moon	soare- lunə	l-u-n-aah
Star	-st-ea	s-t-midfront_diphthong_romanian
Water	a-p-ə	ah-p-aah
Rain	ploaje	p-l-midback_diphthong_romanian-jg-ay
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare-	s-ah-r-ay
Earth	ts-a-rə	VlAlveolarSibilantAffricate-ah-r-aah
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	tfeatf-ə	ts-midfront_diphthong_romanian-ts-aah
Sky	tf-er	ts-ay-er
Wind	v-int	v-eee-n-t
Fire-Focus	f-ok	f-oh-k
Year	an	ah-n
Name-Nomen	nume-	n-u-m-ay
Tongue	ˈlimb-ə	l-e-m-b-aah
ToDrink	bea	b-midfront_diphthong_romanian
ToEat-Manducare	mɨnka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudze	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	-skujpa	s-k-u-jg-p-ah
ToKnow	ſti	shh-t-e
ToKnow-Cognoscere	ku-noaste	k-u-n-midback diphthong romanian-shh-t-ay
ToThink	k-udzeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pə-sa	p-aah-s-ah
ToFear	teme	t-ay-m-ay
ToSleep	d-ormi	d-oh-r-m-e
ToLive	vi-a	v-e-ah
ToDie	muri	m-u-r-e
ToKill	n-eka	n-ay-k-ah
ToKill-Occidere	u-fide	u-ts-e-d-ay
ToFight-Battuere	bat-e	b-ah-t-ay
ToHit		•
	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	təja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundze	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-er-ah
ToWalk-Mergere	merdge	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zə-ffea	zz-aah-ts-midfront_diphthong_romanian
ToSit	∫-edea	shh-ay-d-midfront_diphthong_romanian

-sta	s-t-ah
	l-u-ah
	t-u-r-n-ah
	t-midback_diphthong_romanian-r-ts-ay
^ 3	k-aah-d-midfront diphthong romanian
	VlAlveolarSibilantAffricate-e-n-ay
	s-k-r-ay-m-ay
	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
•	f-r-ay-k-ah
	1-ah
	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
	u-s-k-ah
= = = = =	p-u-l-s-ah
•	t-r-ah-VdPalatoAlveolarSibilant-ay
•	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
	ah-er-u-nya-k-ah
v	l-ay-j-ah
	• •
•	tya-midback_diphthong_romanian-s-ay n-u-m-ah-r-ah
•	zz-e-ts-ay
•	s-p-u-n-ay
	k-eee-n-t-ah
•	gzah-u-k-ah
===:===================================	f-l-u-tya-t-u-ah
•	s-k-u-er-VdPalatoAlveolarSibilant-ay
-	k-u-er-VdPalatoAlveolarSibilant-ay
8	eee-n-j-ay-VlAlveolarSibilantAffricate-ah
	ah-er-d-ay
	eee-n-ts-e-n-d-gzah-ay
	u-s-t-u-r-ah
	t-oh-t
	m-u-l-t
	ah-l-t
mare	m-ah-er-ay
	l-u-n-j
_	l-ah-r-j
	l-ah-t
E	j-er-ay-w
	p-u-VlAlveolarSibilantAffricate-e-n
	eee-nya-j-u-s-t
-str-ɨm-t	s-t-r-eee-m-t
mərunt	m-aah-r-u-n-t
	s-u-b-VlAlveolarSibilantAffricate-e-r-ay
	d-er-ay-p-t
ro-∫u-	er-oh-shh-u
roj-b	r-oj_diphthong-b
ver-de-	v-ay-er-d-ay
unu-	u-n-u
d-oj-	d-oj_diphthong
ewob	d-oh-w-aah
tr-ej-	t-r-ej_diphthong
p-a-tru	p-ah-t-r-u
fintf	ts-e-n-ts
la-	1-ah
∬-ine	ts-e-n-ay
∬-e-	ts-ay
k-ind	-
	lung larg lat grew pu-tsin inguststr-im-t mərunt subtsire- drept ro-ʃu- roj-b ver-de- unu- d-oj- dowə tr-ej- p-a-tru ffinffla- ff-ine

	<u>_</u>	
How-Quomodo	kum	k-u-m
Not	nu-	n-u
And-Et	e-	ay
And-Si	∫ĩ-	shh-e

Appendix 5 - Segment Groups

Pulmonic Consonants

Manner	Bilabial	Labial- Velar	Labio- Dental	Linguo- Labial	Dental	Alveolar	Post- Alveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal Epiglottal	Glottal
Nasal	n					n			n	ŋ			
Stop	p b	k ^w g ^w				t d			с д	k g			
Sibilant, Fricative						s z	\int 3						
Fricative	β		f v		θð				çj	х ү	R		h
Approximant								J.	j				
Tap/Flap						ſ							
Trill						r					R		
Lateral, Fricative													
Lateral, Approximant						1			λ				
Lateral, Tap/Flap													

Shaded areas denote articulations judged to be impossible. Where symbols appear in pairs, the one to the right represents a modally voiced consonant.

Non-Pulmonic Consonants

Manner	Bilabial	Labio- Dental	Velar	Uvular	Pharyngeal Epiglottal
Ejective, Stop					
Ejective, Fricative					
Ejective, Lateral,					
Fricative					
Tenuis, Click					
Nasal, Click					
Tenuis, Lateral, Click					
Implosive					

Shaded areas denote articulations judged to be impossible. Where symbols appear in pairs, the one to the right represents a modally voiced consonant.

Vowels

	Front	Near- Front	Central	Near-Back	Back
Close	i • y		i		u
Near-close		I		ប	
Close-mid	e • ø		Э		О
Mid					
Open-mid		œ•ε			Э
Near-open			g		
Open		a			α

Where symbols appear in pairs, the one to the right represents a rounded vowel.

Long Vowels

	Front	Near- Front	Central	Near-Back	Back
Close	iː				u:
Mid	e:				O;
Open-mid		z3			Σ
Open	Ø٢		aː		a:

Pulmonic Affricates

Manner	Bilabial	Labio- Dental	Alveolar	Palato- Alveolar	Velar	Uvular	Pharyngeal Epiglottal	Glottal
Sibilant			ts	tſ				
Non-Sibilant								
Lateral								

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

Manner	Bilabial	Labio- Dental	Pharyngeal Epiglottal	Glottal
Central				
Lateral				

Shaded areas denote articulations judged to be impossible.

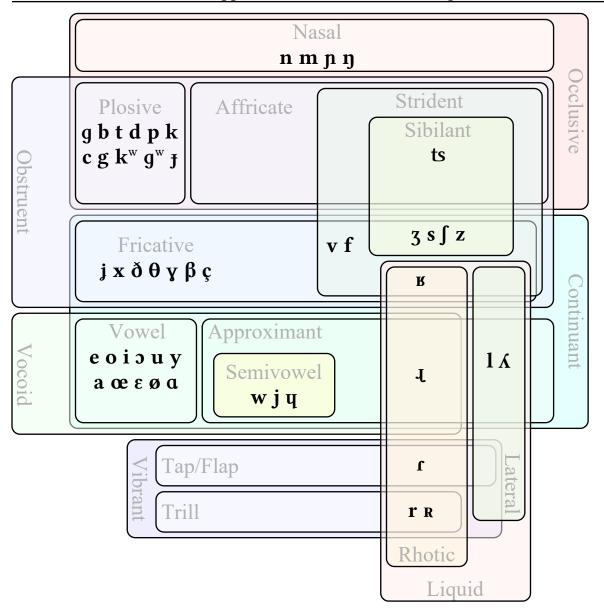
Other Segments

e Close-mid Front Vocoid Vowel Continuant	Q Velar Voiced Pulmonic Stop Occlusive
Or Mid Back Rounded Vocoid Long Vowel Continuant	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
3 Close-mid Central Vowel	Palatal Voiced Pulmonic Fricative Obstruent Continuant
O Close-mid Back Rounded Vocoid Vowel Continuant	i Close Front Vocoid Vowel Continuant
W Labial-Velar Vocoid Semivowel Voiced Approximant Continuant	3 Open-mid Back Rounded Vocoid Vowel Continuant
Palato-Alveolar Voiced Sibilant Affricate	I Near-close Near-Front Vowel
j Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	n Alveolar Voiced Pulmonic Nasal Occlusive
S Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	U Close Back Rounded Vocoid Vowel Continuant
Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	Oj Mid Front Vowel Diphthong
V Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant	b Bilabial Voiced Pulmonic Stop Occlusive
t Alveolar Pulmonic Stop Occlusive	UX Close Back Rounded Long Vowel
y Close Front Rounded Vocoid Vowel Continuant	d Alveolar Voiced Pulmonic Stop Occlusive
f Labio-Dental Pulmonic Fricative Strident Obstruent Continuant	ex Mid Front Vocoid Long Vowel Continuant
m Bilabial Voiced Pulmonic Nasal Occlusive	a Open Near-Front Vocoid Vowel Continuant
f Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	P Near-open Central Rounded Vowel
Open-mid Near-Front Rounded Vocoid Vowel Continuant	8 Open-mid Near-Front Vocoid Vowel Continuant
1 Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	r Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid
X Velar Pulmonic Fricative Obstruent Continuant	Λ Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
B Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	Close Front Vocoid Long Vowel Continuant
n Palatal Voiced Pulmonic Nasal Occlusive	O Mid Front Vowel Diphthong
h Glottal Pulmonic Fricative	$\widetilde{e}\widetilde{j}$ Mid Front Nasal Vowel Diphthong
$\tilde{3}$ Open-mid Back Rounded Nasal Vowel	near-close Back Nasal Vowel
1 Close Front Nasal Vowel	$oldsymbol{ ilde{v}}$ Near-open Central Rounded Nasal Vowel
† Palato-Alveolar Pulmonic Sibilant Affricate	† Close Central Vowel

Appendix 5 - Segment Groups

p Bilabial Pulmonic Stop Occlusive	Z Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
d Dental Voiced Pulmonic Fricative Obstruent Continuant	k Velar Pulmonic Stop Occlusive
ts Alveolar Pulmonic Sibilant Affricate Occlusive Strident	ax Open Central Vocoid Long Vowel Continuant
PJ Mid Front Nasal Vowel Diphthong	R Uvular Pulmonic Trill Rhotic Vibrant Liquid
aj Mid Front Vowel Diphthong	Ex Open-mid Near-Front Vocoid Long Vowel Continuant
Hand Dental Pulmonic Fricative Obstruent Continuant	ej Mid Front Vowel Diphthong
Ri Mid Front Vowel Diphthong	$oldsymbol{\widetilde{O}}$ Close-mid Back Rounded Nasal Vowel
Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant	Ø∵Open Front Rounded Vocoid Long Vowel
C Palatal Pulmonic Stop Occlusive	g Velar Voiced Pulmonic Stop Occlusive
Alveolar Voiced Velarized Pulmonic Lateral Approximant	Ej Mid Front Vowel Diphthong
Ø Close-mid Front Rounded Vocoid Vowel Continuant	e Mid Front Vowel Diphthong
k Labial-Velar Pulmonic Stop Occlusive	Y Velar Voiced Pulmonic Fricative Obstruent Continuant
${f ilde{e}}$ Close Back Nasal Vowel	n Velar Voiced Pulmonic Nasal Occlusive
G Labial-Velar Voiced Pulmonic Stop Occlusive	$\tilde{e}_{ ext{Mid Front Nasal Vowel Diphthong}}$
Q Open Back Vocoid Vowel Continuant	eta Bilabial Voiced Pulmonic Fricative Obstruent Continuant
J Palatal Voiced Pulmonic Stop Occlusive	$\tilde{\epsilon}$ Open-mid Near-Front Nasal Vowel
JY Open-mid Back Rounded Vocoid Long Vowel Continuant	$ ilde{\mathbf{u}}$ Open Back Nasal Vowel
Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	$oldsymbol{arphi}$ Palatal Pulmonic Fricative Obstruent Continuant
Q' Open Back Long Vowel	J Palatal Nasal Approximant
e Open-mid Near-Front Rounded Nasal Vowel Diphthong	a Mid Front Vowel Diphthong
7 Near-close Near-Back Rounded Vowel	$\widetilde{\mathcal{E}}$ Mid Front Nasal Vowel Diphthong

Appendix 6 - Euler Feature Diagram



IPA Segments

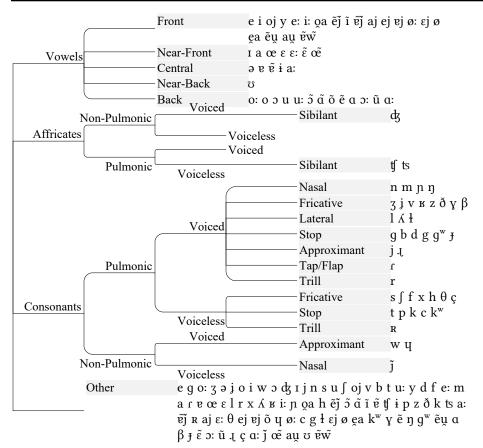
ẽ	θ	β	ţſ
1EBD Close Back Nasal Vowel	03B8 Dental Pulmonic Fricative Obstruent Continuant	03B2 Bilabial Voiced Pulmonic Fricative Obstruent Continuant	92A7 Palato-Alveolar Pulmonic Sibilant Affricate
ts	ф	j	3
02A6	02A4	029D	0292
Alveolar Pulmonic Sibilant Affricate Occlusive Strident	Palato-Alveolar Voiced Sibilant Affricate	Palatal Voiced Pulmonic Fricative Obstruent Continuant	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
λ	\mho	ſ	R
028E	028A	0283	0281
Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	Near-close Near-Back Rounded Vowel	Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid
R	ſ	Ţ	n
0280 Uvular Pulmonic Trill Rhotic Vibrant Liquid	027E Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	027B Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	9272 Palatal Voiced Pulmonic Nasal Occlusive
1	I	i	Ч
9268 Alveolar Voiced Velarized Pulmonic Lateral Approximant	026A Near-close Near-Front Vowel	0268 Close Central Vowel	0265 Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant
γ	g	£	8
0263 Velar Voiced Pulmonic Fricative Obstruent Continuant	0261 Velar Voiced Pulmonic Stop Occlusive	925F Palatal Voiced Pulmonic Stop Occlusive	025B Open-mid Near-Front Vocoid Vowel Continuant
ə	Э	α	g
0259	0254	0251	0250
Close-mid Central Vowel	Open-mid Back Rounded Vocoid Vowel Continuant	Open Back Vocoid Vowel Continuant	Near-open Central Rounded Vowel

ũ	ũ œ		ĩ
0169	0153	014B	0129
Open Back Nasal Vowel			Close Front Nasal Vowel
Ø	õ	ð	Ç
00F8 Close-mid Front Rounded Vocoid Vowel Continuant	e-mid Front Rounded Close-mid Back Rounded		00E7 Palatal Pulmonic Fricative Obstruent Continuant
Z	y	X	w
007A Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant	0078 Velar Pulmonic Fricative Obstruent Continuant	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant
V	u	t	S
0076	0075	0074	0073
Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant	Close Back Rounded Vocoid Vowel Continuant	Alveolar Pulmonic Stop Occlusive	Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant
r	p	0	n
0072	0070	006F	006E
Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	Bilabial Pulmonic Stop Occlusive	Close-mid Back Rounded Vocoid Vowel Continuant	Alveolar Voiced Pulmonic Nasal Occlusive
m	1	k	j
006D	006C	006B	006A
Bilabial Voiced Pulmonic Nasal Occlusive	Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	Velar Pulmonic Stop Occlusive	Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant
i	h	g	f
0069 Close Front Vocoid Vowel Continuant	0068 Glottal Pulmonic Fricative	0067 Velar Voiced Pulmonic Stop Occlusive	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant

e	e d		b
0065	0064	0063	0062
Close-mid Front Vocoid Vowel Continuant	Alveolar Voiced Pulmonic Stop Occlusive	Palatal Pulmonic Stop Occlusive	Bilabial Voiced Pulmonic Stop Occlusive
a	$g^{\rm w}$	$\widetilde{arepsilon}$:3
0061	0261, 02B7	025B, 0303	025B, 02D0
Open Near-Front Vocoid Vowel Continuant	Labial-Velar Voiced Pulmonic Stop Occlusive	Open-mid Near-Front Nasal Vowel	Open-mid Near-Front Vocoid Long Vowel Continuant
εj	õ	D:	$ ilde{\mathfrak{a}}$
025B, 006A Mid Front Vowel Diphthong	0254, 0303 Open-mid Back Rounded Nasal Vowel	0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant	0251, 0303 Near-close Back Nasal Vowel
a:	$\widetilde{\mathfrak{v}}$	еj	œ̃
0251, 02D0 Open Back Long Vowel	0250, 0303 Near-open Central Rounded Nasal Vowel	0250, 006A Mid Front Vowel Diphthong	0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong
ø:	u:	O:	oj
00F8, 02D0	0075, 02D0	006F, 02D0	006F, 006A
Open Front Rounded Vocoid Long Vowel		Mid Back Rounded Vocoid Long Vowel Continuant	Mid Front Vowel Diphthong
k ^w	ĵ	i	e:
006B, 02B7 Labial-Velar Pulmonic Stop Occlusive	006A, 0303 Palatal Nasal Approximant	0069, 02D0 Close Front Vocoid Long Vowel Continuant	0065, 02D0 Mid Front Vocoid Long Vowel Continuant
ej	aː	aj	ẽu̯
0065, 006A Mid Front Vowel Diphthong	0061, 02D0 Open Central Vocoid Long Vowel Continuant	0061, 006A Mid Front Vowel Diphthong	1EBD, 0075, 032F Mid Front Nasal Vowel Diphthong

eĵ 1EBD, 006A, 0303	Qa 006F, 032F, 0061	e a 0065, 032F, 0061	a <u>u</u> 0061, 0075, 032F
Mid Front Nasal Vowel Diphthong	Mid Front Vowel Diphthong	Mid Front Vowel Diphthong	Mid Front Vowel Diphthong
ε̃w̃	$\widetilde{\mathrm{ej}}$		
0250, 0303, 0077, 0303	0250, 0303, 006A, 0303		
Mid Front Nasal Vowel Diphthong	Mid Front Nasal Vowel Diphthong		

Appendix 8 - Feature Tree

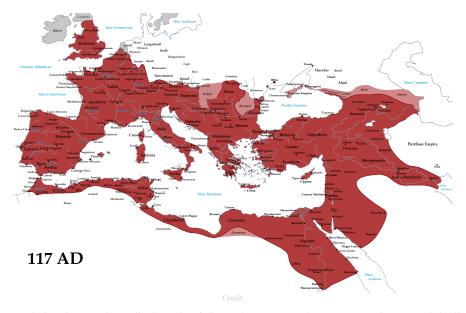


Appendix 9 - Diacritics

Diacritics

	Undefined escape character	~	Nasalized	••	Centralized
+	Advanced	- ?	Retracted	~	RisingTone
	Voiceless		Implosive	1	Syllabic
	Ejective		Pharyngealized	^	Falling tone
_	Non-syllabic	٦	No audible release	1	Rhotic hook
4	Advanced tongue root	u	Apical	"	Extra low tone
	Low rising tone	c	Less rounded	п	Dental
~	Velarized or Pharyngealized	7	Global fall	γ	Velarized
,	High tone	_	High rising tone	h	Aspirated
j	Palatalized	~	Creaky voiced	`	Low tone
1	Lateral release	_	Mid tone		Laminal
~	Linguo-Labial	n	Nasal release	>	More rounded
*	Lowered	F	Retracted tongue root	<i>"</i>	Global rise
	Rising falling tone		Raised		Extra high tone
	Breathy voiced	×	Voiced	W	Labialized
	Extra short		Mid-centralized	\downarrow	Down-step
1	Up-step	Ï	Long	•	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
? !	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
	Palatal click		Voiceless descender	-	Combining macron
	Tie-bar below		Tie-bar above	ł	Ready made combination
\longrightarrow	Becomes		Separator		

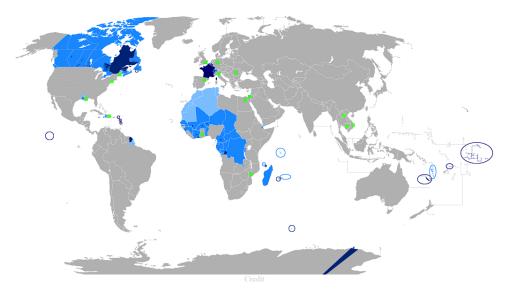
Latin



A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually becoming a dead language. Latin has contributed many words to the English language. In particular, Latin (and Ancient Greek) roots are used in English descriptions of theology, the sciences, medicine, and law.

By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from the 3rd century; its colloquial form Vulgar Latin developed in the 6th to 9th centuries into the Romance languages, such as Italian, Sardinian, Venetian, Neapolitan, Sicilian, Piedmontese, Lombard, French, Franco-Provençal, Occitan, Corsican, Ladin, Friulan, Romansh, Catalan/Valencian, Aragonese, Spanish, Asturian, Galician, and Portuguese. Medieval Latin was used as a literary language from the 9th century to the Renaissance which used Renaissance Latin. Later, Early Modern Latin and New Latin evolved. Latin was the language of international communication, scholarship and science until well into the 18th century, when vernaculars (including the Romance languages) supplanted it. Ecclesiastical Latin remains the official language of the Holy See and the Roman Rite of the Catholic Church. Latin is a highly inflected language, with three distinct genders, six or seven noun cases, five declensions, four verb conjugations, six tenses, three persons, three moods, two voices, two or three aspects, and two numbers. The Latin alphabet is derived from the Etruscan and Greek alphabets and ultimately from the Phoenician alphabet.

French

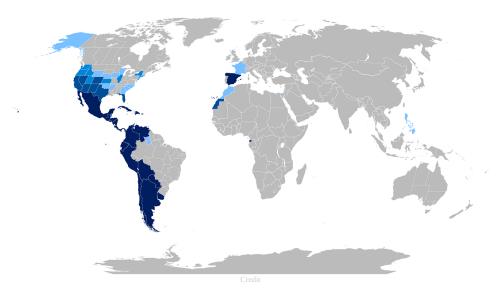


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other languages d'oïl—languages historically spoken in northern France and in southern Belgium, which French (Francien) largely supplanted.

French was also influenced by native Celtic languages of Northern Roman Gaul like Gallia Belgica and by the (Germanic) Frankish language of the post-Roman Frankish invaders. Today, owing to France's past overseas expansion, there are numerous French-based creole languages, most notably Haitian Creole. A French-speaking person or nation may be referred to as Francophone in both English and French.

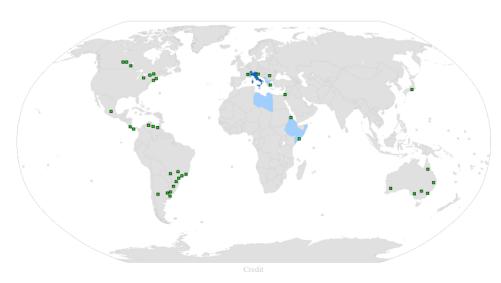
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the United Nations. It is spoken as a first language (in descending order of the number of speakers) in France; the Democratic Republic of Congo; Algeria; Morocco; Canada (provinces of Quebec, Ontario and New Brunswick as well as other Francophone regions); Cameroon; Belgium (Wallonia and the Brussels-Capital Region); Ivory Coast; Tunisia; western Switzerland (Romandy—all or part of the cantons of Bern, Fribourg, Geneva, Jura, Neuchâtel, Vaud, Valais); Monaco; parts of Luxembourg; parts of the United States (the states of Louisiana, Maine, New Hampshire and Vermont); northwestern Italy (autonomous region of Aosta Valley); and various communities elsewhere.

Spanish



A Romance language that originated in the Iberian Peninsula of Europe. Today, it is a global language with nearly 500 million native speakers, mainly in Spain and the Americas. It is the world's second-most spoken native language after Mandarin Chinese, and the world's fourth-most spoken language overall after English, Mandarin Chinese, and Hindi.

Italian



A Romance language of the Indo-European language family. Italian is the closest national language to Latin, from which it descends via vulgar Latin of the Roman Empire. Taking into account both national and regional languages, it is seen that Italian and Sardinian are together the least differentiated from Latin. Italian is an official language in Italy, Switzerland (Ticino and the Grisons), San Marino, and Vatican City. It has an official minority status in western Istria (Croatia and Slovenia).

It formerly had official status in Albania, Malta, Monaco, Montenegro (Kotor), Greece (Ionian Islands and Dodecanese), and is generally understood in Corsica by Corsican speakers (many linguists classify Corsican as an Italian dialect). It used to be an official language in the former colonial areas of Italian East Africa and Italian North Africa, where it still has a significant role in various sectors.

Italian is also spoken by large immigrant and expatriate communities in the Americas and Australia. Italian is included under the

Appendix 10 - Languages

languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or regional varieties) and another regional language of Italy.

Brazilian Portuguese



The set of dialects of the Portuguese language native to Brazil and the most influential form of Portuguese worldwide. It is spoken by almost all of the 200 million inhabitants of Brazil and spoken widely across the Brazilian diaspora, today consisting of about two million Brazilians who have emigrated to other countries. With a population of over 205 million, Brazil is by far the world's largest Portuguese-speaking nation and the only one in the Americas.

Portuguese



A Romance language originating in the Iberian Peninsula of Europe. It is the sole official language of Portugal, Angola, Mozambique, Guinea-Bissau, Cape Verde, São Tomé and Príncipe, and Brazil, while having co-official language status in East Timor, Equatorial Guinea, and Macau. A Portuguese-speaking person or nation is referred to as "Lusophone" (lusófono). As the result of expansion during colonial times, a cultural presence of Portuguese and Portuguese creole speakers are also found around the world. Portuguese is part of the Ibero-Romance group that evolved from several dialects of Vulgar Latin in the medieval Kingdom of Galicia and the County of Portugal, and has kept some Celtic phonology and its lexicon.

Catalan



Catalan (/ˈkætələn, -æn, ˌkætəˈlæn/; autonym: català or llengua catalana; Eastern Catalan: [kətəˈla]), known in the Valencian Community and Carche as Valencian, is a Western Romance language derived from Vulgar Latin. It is the official language of Andorra, and a co-official language of three autonomous communities in eastern Spain: Catalonia, the Valencian Community and the Balearic Islands. It also has semi-official status in the Italian comune of Alghero. It is also spoken in the Pyrénées-Orientales department of France and in two further areas in eastern Spain: the eastern strip of Aragon and the Carche area in the Region of Murcia. The Catalan-speaking territories are often called the Països Catalans or "Catalan Countries".

The language evolved from Vulgar Latin in the Middle Ages around the eastern Pyrenees. Nineteenth-century Spain saw a Catalan literary revival, culminating in the early 1900s.

Walloon

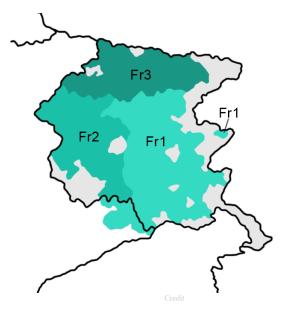


Appendix 10 - Languages

A Romance language that is spoken in much of Wallonia and (to small extent) in Brussels, Belgium; some villages near Givet, northern France; a clutch of communities in northeastern Wisconsin, U.S.; and in some parts of Canada.It belongs to the langua d'oïl language family, the most prominent member of which is the French language. The historical background of its formation was the territorial extension since 980 of the Principality of Liège to the south and west.

Despite its rich literature, beginning anonymously in the 16th century and with well-known authors since 1756, the use of Walloon has decreased markedly since France's annexation of Wallonia in 1795. This period definitively established French as the language of social promotion, far more than it was before. After World War I, public schools provided French-speaking education to all children, inducing a denigration of Walloon, especially when accompanied by official orders in 1952 to punish its use in schools. Subsequently, since the middle of the 20th century, generational transmission of the language has decreased, resulting in Walloon almost becoming a dead language. Today it is scarcely spoken among younger people, with vast majority of its native speakers being the elderly (aged 65 and over). In 2007, the number of people with knowledge of the language was estimated at 600,000.

Friulian



Friulian (/fri'u:liən/ free-OO-lee-ən) or Friulan (natively About this soundfurlan or marilenghe; Italian: friulano; German: Furlanisch; Slovene: furlanščina) is a Romance language belonging to the Rhaeto-Romance family, spoken in the Friuli region of northeastern Italy. Friulian has around 600,000 speakers, the vast majority of whom also speak Italian.

It is sometimes called Eastern Ladin since it shares the same roots as Ladin, but over the centuries, it has diverged under the influence of surrounding languages, including German, Italian, Venetian, and Slovene. Documents in Friulian are attested from the 11th century and poetry and literature date as far back as 1300. By the 20th century, there was a revival of interest in the language.

Romanian



Romanian (obsolete spellings: Rumanian or Roumanian; autonym: limba română ['limba ro minə] (About this soundlisten), or românește, lit. 'in Romanian') is a Balkan Romance language spoken by approximately 24–26 million people as a native language, primarily in Romania and Moldova, and by another 4 million people as a second language. According to another estimate, there are about 34 million people worldwide who can speak Romanian, of whom 30 million speak it as a native language. It is an official and national language of both Romania and Moldova and is one of the official languages of the European Union.

Romanian is a part of the Eastern Romance sub-branch of Romance languages, a linguistic group that evolved from several dialects of Vulgar Latin which separated from the Western Romance languages in the course of the period from the 5th to the 8th centuries. To distinguish it within the Eastern Romance languages, in comparative linguistics it is called Daco-Romanian as opposed to its closest relatives, Aromanian, Megleno-Romanian and Istro-Romanian. Romanian is also known as Moldovan in Moldova, although the Constitutional Court of Moldova ruled in 2013 that "the official language of the republic is Romanian".