

**TAGDUDA TAMAGDAYT TAƲERFANT N LEZZAYER
AFLIF N USELMED UNNIG D UNADI USSNAN
TASDAWIT N LMULUD AT-MÆEMMER N TIZI-WEZZU
TAZEDDAYT N TSEKLIWIN D TUTLAYIN
AGEZDU N TUTLAYT D YIDLES N TMAZIƲT**



UƲƲun n umseƲfer:
UƲƲun n usnay:

**AKATAY N TAGGARA N TURAGT
DEG TUTLAYT D YIDLES N TMAZIƲT**

TAƲULT: TUTLAYT D YIDLES N TMAZIƲT
TAFERNA: TASNULFAWAT D TUSNAWALT

ASENTEL

**Assay yellan gar tyayimt n usaley n usuddem d
yisalayen n yisuddimen-ines**

Syur:

- NADOUR Louiza.
- SADI Amel.

Tamesnalayt:

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- | | | |
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2020/2021



Asnemmer :

Di tazwara ad as-nini tanemmirt i Massa : BOUYOUCHEF S ép.

*TARMOUL, i ayiÉawnen atas di tezrawt-agi ntey. Mebla ma nettu akk
iselmaden n ugezdu n tutlayt d yidles Amaziy.*

*Ad as-nini tanemmirt i yakk inelmaden n ugzu-nney, mebla ma nettu
amezlu n tmekarđit.*

*Ad anesnemmer akk kra n win ney tin i ay-d-yefkan afus n talellet di
tezrawt-ntey, ama s lqerb ama s lbeEd.*

Abuddu :

Ad buddey Tazrawt-agi i :

Yemma d baba i yeEtben fell-i

Gma awħid Ğahid d Tinhinan

D yistma Salma akked Milissa

I dada Rabeħ d yistma-s Nadiya d Ğamila

I yakk tawacult NADOUR

I yelli-s xalti Milissa

I tsenfult-iw Amel d twacult-is

I yakk imeddukkal-iw : Malika GIRDAD, Warda MEFTAĦ, Tanina SBIĦI d

gma-s Aziz, Rayan, Ferruġa, Ğamila, mebla ma ttuy Amel.

Louiza Nadour

Abuddu :

Ad buddey Tazrawt-agi :

Imawelan-iw aEzizen

I yistma Mariem d Yasmin

I Emmi Messtafa d tmettut-is Fazia d warraw-is Amayas d Milina

I jida Kheddudja

Iyakk tawacult SADI

I tsenfult-iw Louiza d twacult-is

I yakk timeddukkal-iw : Nahla, Louiza, Djamila, Farroudja.

I Yakk wid ney tid i yisnen.

SADI Amel

Tazwert tamatut

Tazwert tamatut

Tazwert :

Tamaziyt am yal tutlayt n umaḍal, tebna yef yilugan yef-way-deg treṣṣa tidet-nsent. TesḂa taggayin tigejdanin (isem, amyag), i yettilin d iseyra n tefyirt, ttilin d lsas n yal tafyirt.

yef wakken id-yenna DUBOIS J. ¹«*Tasnilest tamatut tefka-as tabadut i yisem yak taguri i yellan d imfellsen deg umkan n uzamul n tijemt Δ, s tmerna n uzamul agrawan*».

Amyag d yisem, di sin bnan yef uẓar d usaley.

Mi ara yemlil uẓar d usaley ad ay-d-yefk ayen i wumi neqqar afeggag.

CANTINEAU J. ²Yenna-d d akken asaley « *D talya n wawal* ». Ma d TAIFI M. ³Yeqqar d akken *asaley yesḂa azal di tjerrumt, yettbeggin-d taggayt n tseddast (la categorie syntaxique) uyur yettikki wawal-nni*.

Aẓar ula d netta yesḂa azal di tmaziyt imi d agraw n tergalin isi tebna talya taḂerfit n umyag.

yef wayen d-yenna CANTINEAU J.⁴ « *Aẓar n wawal d aferdis agejdan i yezdin kra n wawal i yesḂan yiwen n unamek i yemqaraben* ».

Amedya : FRS

Fres → émonder ; nettoyer

Twafres → être nettoyer

Myefras → émonder ensemble

Afrasen → balayures, ordures

Awalen-agi tezdi-ten tikti n ufras

¹ Idem, P

² CANTINEAU J., *Racines et schèmes*, in. *Mélange offert à William MARCAIS*, Ed. Maisonneuve, Paris, 1950, P 120, tasuqilt

³ TAIFI M., *L'altération des racines en berbère, la diachronie dans la synchronie*, in. *Awal*, 1990, P 229, in. *Etude morphologique des dérives nominaux en berbère : Le cas des noms d'actions verbales et des nos d'agents (kabyle)*, Mr. BOUARAB Ali (dr.), UMMTO, 2008, tasuqilt

⁴ CANTINEAU J., *Op.cit.*, 122, tasuqilt.

Tazwert tamatut

Aẓar ma yella yeddukkel d usaley ad ay-d-yefk tawacult tamawalant, akka i nezmer ad d-nsuffey adda umyig ney asmawan akked talɣiwin tisuddimin : Isem n tigawt, isem n umigaw, isem n wallal d yisem n unamek akmam.

Tamukrist i yef tebna tezrawt-agi-ntey : Dacu wassay yellan gar tɣayimt n usaley n suddem d yisalayen yisuddimen-ines ?

yef waya ad d-neḩreḩ ad d-naf assay yellan gar -asen. Ad neḩfer ayen yexdem: CHAKER S., 1991, HADDADOU M A., 2000 ...

Deg tezrawt-agi-ntey, nexdem tasleḩt n yismawen n tigawt, ismawen n umigaw, ismawen n wallal d yismawen n unamek akmam d yimyagen i deg t-id-nesuddem.

Ammud-ntey newwi-t-id seg usegzawal : Kabyle-Français n Jean-Marie DALLET, Parler des At Mangellat, Algerie, 1982, Paris, SELAF(Maghreb-Sahara), 1050 n yisebtaren. Asegzawal-agi yeddes s 1050 n yisebtaren, yexdem aglam amedru n tmeslayt i ttemslayen deg lḩerc n At Mangellat.

Nefren asegzawal-agi i wakken ad d-nekkes seg-s ammud, acku abellez n wawalen yettwaxdem s uzar-nsen.

Anadi-ntey deg-s sin n yixefawen: Deg yixef amezwaru nefka-d tabadut i wawalen yeqnen yer usentel-agi-ntey.

Ma deg yixef wis sin, neddem-d akk imyagen d yismawen: n tigawt, n umigaw, n wallal, n unamek akmam nesemmel-iten deg teflwit Elahṣab n usaley n umyag i deg t-id-nesuddem.

Ixef I : Anagraw n
usuddim

Uqbel ma ad nebdu axeddim-ntey, ad neƐređ ad d-nefk tabadut n kra n wawalen ara nseqdec deg tezrawt-ntey.

I.1. Awal n Tmaziyt :

HADDADOU M.A¹, yefka-d tabadut n wawal « *D tadukli n uzar d usaley* »

Yenna-d s tefransist :« Le mot comme l'association d'une « racine » et d'un « schème ».

I.2. Amyag :

Amyag d awal yemmal tigawt (ffey, ddu, fres...) ney tayara (imɣur, ifsus, ismid...). Amyag ifetti almend n wudmawen (ddiy, yedda, nedda...) ifetti dayen almend n tmezra (ddiy, ttedduy, ad dduy).

Amyag yettili yer talɣa taħerfit, talɣa-agi d talɣa n umyag mi ara yili ulac acu yernan ɣur-s (ssel, zzer, bnu...). Amyag mi ara yefti ttilin deg-s sin n yimuren: Amatar udmawan d ufeggag n umyag.

-Amatar udmawan: Yemmal-d win ixedmen tigawt ney win terza tigawt n umyag.

-Afeggag: Dayen id-yettyimin mi ara nekkes amatar

Amedya:

Yura

Y→ D amatar udmawan

Ura→ D afeggag n umyag (aru) deg yizri

«*D awal id-yessefhamen, yemmal-d tayara ney tigawt n usentel...*»²

ƣef wakken id-yenna NAIT-ZERRAD K³, Amyag n tmaziyt yezmer ad yebdu ƣef (03) krađ n yiħricen :

- **Azar:** D tagruma n tergalin yesƐan anamek. (Comportant des consonnes porteuses de sens).
- **Asaley:** Isbeggan-d talɣa ney timezra n umyag. (... indique le temps ou l'aspect de sens)

¹ HADDADOU M.A « *Le guide de la culture berbère* », Ed. Paris-Méditerranée, 2000, P 240, tasuqilt.

² HAMIMI G, « *Grammaire et conjugaison Amazigh* », Ed. L'Harmattan, 1997, P 127, tasuqilt.

³ NAIT-ZERRAD K, « *Grammaire du berbère contemporain* », Ed. ENAG.Alger, 1995, P 71, tasuqilt.

➤ **Imerna** : D imataren udmawanen.

Amedya :

Inig (voyager) → Tunagmt

Azar : NG

Asaley : ur_1ar_2

Imerna : t...mt

I.2.1. Izri :

Yemmal-d tigawt iĕddan, teđra, tekfa

Amedya :

Yečča (Il a mangé)

I.2.2. Izri anibaw :

Yemmal-d tigawt iĕddan maca ur teđri ara.

Amedya :

Ur yečči ara (Il n'a pas manger)

I.2.3. Urmir s "Ad" :

Yemmal-d tigawt urĕad teđri (tezmer ad teđru, tezmer ala)

Amedya:

Ad yečč (se manger)

I.2.4. Urmir ussid:

Yemmal-d tigawt teđra, mazal tettkemmil.

Amedya :

Itett (être en train de manger)

I.3. Isem:

Isem d awal id-yemmalen amdan, ayersiw ney tayawsa.

HADDADOU M.A⁴, «*Isem n tmaziyt am umyag, isem d tadukli n uzar n umawal d tecrađ timaranin n yisem (tawsit, amđan, addad)*».

- **Tawsit:** Amalay (aqcic), unti (taqcict)
- **Amđan:** Asuf (taqcict), asget (tiqcicin)
- **Addad:** ilelli (d aqcic id-tesĒa), amaruz (iruh uqcic)

I.4. Azar:

yef wakken id-yenna L. GALAND⁵, «*Azar d tadukli n yiwet n tergalt ney ugar, yettwaks-d seg umawal akked usaley tiyra akked tergalin; yettwakkes-d seg tjerrumt akked tdukli n usaley d uzar yettak-ay-d afeggag*».

S tfransist: «*Une association d'une ou plusieurs consonnes; elle releve du lexique et le scheme comporte des voyelles et des consonnes; il releve de la grammaire et par l'association du scheme et de la racine on obtient le radicale*».

Amedya: DKL

Ad d-nessufey: Ameddakkal, dukkal, sdukkal, tadukli, tiddukla...

yef wakken id-yenna DUBOIS J⁶: «*Azar d aferdis n tegruma n wadda, armyžan, amezdi, i yal igensayen n yiwet n twacult n wawal deg udensu n tutlayt*».

S tfransist: «*Racine l'élément de base, irréductible, commun a tous les représentants d'une meme famille de mot a l'intérieur dune langue ou d'une famille de langues*».

Amedya:

Xdem, axeddam, sexdem, lexdma, ttwaxdem.

⁴ HADDADOU M.A, « *Le guide de culture berbère* », Ed. Paris-Méditerranée, 2000, P 219, tasuqilt.

⁵ GALAND.L., « *Signe arbitraire et signe motive en berbère* », in acte du premier congrès international de linguistique sémitique et chamito-sémitique », Paris, 1969, p91, Tasuqilt.

⁶ DUBOIS J, *Dictionnaire de la linguistique*, Ed. Dépôt légal, Paris, 1994, P 403, tasuqilt.

Azar-is: XDM

Ayen yezdin awalen-agi d tkti n texdimt

I.4.1. Anawen n uzar:

Azar n tmaziyt izmer ad yili ⁷:

I.4.1.1. Azar n yiwet n tergal:

D azar awezzlan yesƎan kan yiwet n tergal.

Amedya:

Aru→Azar « R »

Ali→Azar « L »

I.4.1.2. Azar n snat n tergalin :

D azar awezzlan yesƎan snat n tergalin

Amedya:

Cuḥ→Azar « CH »

Bed→Azar « BD »

I.4.1.3. Azar n kraḍ n tergalin:

D azar yebnan s kraḍn tergalin

Amedya:

Bren→Azar « BRN »

Fsey(fsy)→Azar « FSY »

I.5. Asaley:

⁷ MOUHAUCHE Siham et NAIT ALI Meriem, *L'étude comparative entre les schèmes des noms d'actions et leurs bases dérivationnelles*, Mémoire de fin cycle, BOUYOUCEF Souhila Ep. TARMOUL(dir.) UMMTO,2014, P 11, tasuqilt

D amur n wawal i nernu i uẓar i wakken ad d-nesuffey asaley.

Amedya:

Yečča → yer₁R₂a

yef wayen id yenna GALLAND L⁸. « *Asaley iherrez amdan anbadu n « texxamin » n tergalin ufeqqag. Ihi tanernit tettnal yiwet gar tergalin-agi mebla ma tbeddel amda-is. Isalayen ur ggezen ara (dulaqraq zemren ad bedden ilmend n teyzimt nniḍen) ».*

Amedya :

yeẓ (le fait de mordre)

Aẓar : ΓZ

Asaley : r₁r₂

Ddem (porter)

Aẓar : DM

Asaley : R₁r₂

I.6. Iskiren n ufares n umawal n tmaziyt:

Deg tmaziyt tasuddest akked tsuddemt d iskiren yesEan azal yef tsileyt n umawal.

I.6.1. Asuddem:

Amur ameqqran n yimyagen nbedder-iten-id s talya taḥerfit, akked talya tasuddimt, amyag asuddim d amyag yulyen s tmerna n yiwšilen i talya taḥerfit.

« *Asuddem yezmer ad d-yesken ikalen n tsileyt n tyewanin n umawal. Awal asuddem igdel yef usuddes. (Tasileyt n wawal uddis)* »⁹.

⁸ GALAND L, « *Le comportement des schèmes et des racines dans l'évolution de la langue* », Ed. Amsterdam/Philadelphia, 1984, P 310, tasuqilt,

⁹ DUBOIS J et Al, *Dictionnaire de linguistique et des sciences de langages*, Ed. La Rousse, paris, 1994, P 136, tasuqilt.

S tefransist: «Le terme de dérivation peut désigner de façon générale le processus de formation des unités lexicales. [...] Le terme dérivation s'oppose à composition (formation de mots composés) ».

yef wakken id-yenna CHAKER S¹⁰ : «Asuddem Yettaf tiskirin d aydaẓar».

S tefransist :« *La dérivation recouvre en fait des procédures très diverses et hétérogènes* ».

Ad d-nezlem tazwara:

Anawen n yisudimen:

I.6.1.1. Asuddem n tyara:

CHAKER S¹¹ :« *derivation expressive qui fournissent ce que nous avons appele a la suite de D. Cohen (1968), des derives de maniere dont nous avons traite de facon detaillee dans le tome XVII(1972-1973) [...]*».

I.6.1.2. Asuddem n teyda:

yef wakken id yenna CHAKER S¹², Asuddem n teyda yebda yef sin n yihricen :

I.6.1.2.1. Asuddem seg umyag:

D amyag id-yettaken tuget n wadda n usuddem, nesEa snat n tsenfar n usuddem.

- **Tayayimt tumyigt :**

D imyagen umi netzwiri (s, ttwa, mm), iwumi neqqar : Asway, Attway, Amyay.

Amedya :

S→Sečč→Asway (Actif)

Ttwa→yettwačča→Attway (Passif)

M→Mmeččen→Amyay (Réciproque)

¹⁰ CHAKER S, « *Manuel de Linguistique Berbère I* », Ed. Bouchène, Alger, 1991, P 180, tasuqilt.

¹¹ Ibid.

¹² CHAKER S, « *Manuel de Linguistique Berbère I* », Ed. Bouchène, Alger, 1991, P 181, Tasuqilt.

✓ Asway :

S uzwir n « S » ney « SS ». Yemmal-d d akken amigaw yexdem tigawt yef wayeɗ.

Amedya :

Ers→Ssers

✓ Attway :

S uzwir n « tt », « ttwa », « ttu » ney « nn ». Yemmal-d belli tigawt teɗra yef umatar udmawan.

Amedya:

Wwet→ttwet

Xdem→Ttwaxdem

Qleb→Nneqlab

Beddel→Ttubeddel

✓ Amyay :

Suzwir n « myu », « mm » ney « m ». Yemmal-d belli tigawt sin ney ugar i tixedmen.

Amedya:

Af→Myaf

Ečč→Myečč

Eny→Mmeny

▪ Talyiwin tuddisin :**❖ Asway n umyay :**

S+M+talya n umyag

Amedya :

Qabel→Semqabel

❖ **Amyay n usway :**

M+S+talya n umyag

Amedya :

Xdem→Msexdem

❖ **Attway n usway :**

Ttu+S+talya n umyag

Amedya :

Enz→Ttusenz

• **Asuddem n yisem n tyayimt tumyigt :**

D isuddimen n yisem: Isem n tigawt, isem n umigaw, isem n wallal, isem n unamek akmam.

✚ **Isem n tigawt :**

yef wakken id-yenna NAIT-ZERRAD K¹³,« Isem n tigawt immal-d axeddim ney asƎeddi n tigawt id-yesnfalay amyag».

Amedya :

Ǝebbi(charger)→AƎebbi (le fait de charger)

✚ **Isem n umigaw :**

D isem yemmalen win ixedmen tigawt (ameskar).

yef wakken id-yenna NAIT-ZERRAD K¹⁴, « Deg tmaziyt isem n umigaw ittili s uzwir n «am» i umyag, yemmal-d win ixedmen tigawt».

¹³ NAIT-ZERRAD K, « *Grammaire du berbère contemporaine(kabyle)* », Ed. ENAG, Alger, 1995, P 121, tasuqilt.

¹⁴Idem, P 128, tasuqilt.

Amedya :

Baši(condamne)→**Ambaši**(condamne)

Aker(voler)→**Amaker**(voleure)

 **Isem n unamek akmam :**

yef wakken id-yenna NAIT-ZERRAD K¹⁵, «Isem n tigawt izmer ad yesÈu anamek akmam, nezmer ad d-naf ismawen umyigen,id-yettusenken seg umawal».

Amedya :

Bexxeř(faire

fumigation)→Abexxař(lefaitdefairefumigation)→Lebxuř(fumigati) « Isem n unamek akmam »

Bges(ceindre)→Abgas (le fait de ceindre) →Agus(ceinture) « isem n unamek akmam »

 **Isem n wallal :**

D isem id- yemmalen tayawsa s wayes nxeddem tigawt.

yef wakken id-yenna NAIT-ZERRAD K¹⁶, «Deg tmaziyt isem n wallal d asaduf ulmis n usiley seg umyag, s uwřil n « s » yezdin tanzeyt « s », ddeqs n yismawen-agi idrus deg tmaziyt.

Amedya :

Aru(ecrire)→Imru(stylo)

- **Tayayimt n yisem :**

« D lebni n yimyagen s yismawen iwumi neqqar«Onomictopè»»¹⁷

¹⁵ NAIT-ZERRAD K, « Grammaire du berbère contemporaine(kabyle) », Ed. ENAG, Alger, 1995, P128, tasuqilt

¹⁶Idem, P 129, tasuqilt

¹⁷ MOUHOUUCHE Siham et NAIT ALI Meriem, *L'étude comparative entre les schèmes des noms d'actions et leurs base dérivationnelles*, mémoire de fin cycle, BOUYOUCEF S Ep. TARMOUL(dir.) UMMTO, 1014, P 11, tasuqilt.

Amedya :

Awal(nom)→Ssiwel(verbe)

I.6.1.2.2. Asuddem n yisem :

yef wakken id-yenna HADDADOU M.A¹⁸, «*Asuddem n yisem ur yesɛi ara azal meqqren am usuddem n umyag, mi yella akk deg tutlayin, s wurar aknawen n wurar ney s uwɣil n kra tmawalt smuzzegen*».

Stefransist : « *La dérivation nominale est moins importante que la dérivation verbale, mais elle est attestée dans tous les parlers ou elle fournit, par le jeu de la flexion vocalique ou de l'affixation, quelque vocabulaire spécialisés* ».

- **Asuddem seg tyayimt asmawan :¹⁹**

Asuddem isem-isem :

Seg isem amazlay, i tid-nesyiri, s usuddem, seg yisem n umezdey, n ugdud, n tutlayt...

Amedya :

Franza « Frace », fransis « français », tafransist « française, langue française ».

Asuddem isem-arbib/isem

Isezwiren m(s.) akked bu- (unti.mm) ttakken-d irbiben.

Amedya :

Asezwir m (s)

Adɣay « pierre », amadyay « pierreux »

Abrid « chemin », amesbrid « voyageur, passant ».

Asezwir bu-(unti.mm)

¹⁸ HADDADOU M.A, « *Le guide de la culture berbère* », Ed. Méditerranée, Paris, 2000, P 245, tasuqilt.

¹⁹ HADDADOU M.A, « *Le guide de la culture berbère* », Ed. Méditerranée, Paris, 2000, P 246, tasuqilt.

Azar-is d aḡrab, iḡemmed asileḡ deg tuget n tutlayin, deg tuget n yismawen isenfalayan, ayla, axeddim, iḡawcaren, asenzey aḡaran...

Amedya :

Aḡrum « pain », buweḡram « boulanger ».

Asuddem isem-amyag :

Amzun, tettakk-d kan kra n yisuddimen. Tifirezrit temhels uferdis n tjerrumt n taḡda.

Amedya :

Awal « mot », siwel « appeler, resonner, parler »

Imeḡḡi « pleur », swiḡḡew « pleurer, couler à grosses gouttes ».

I.7. Asuddes :

Mi ara dduklen sin imunimen, anamek-nsen di sin itteffey-d yemgarad ḡef unamek i yesḡa yal yiwen deg-sen.

Amedya :

Aḡesmar

Amunim 1 : iḡes

Amunim 2 : Tamart

Mi yeddukkel yiḡes d tamart fekan-d awal uddis (aḡesmar)

ḡef wakken d-yenna HADDADOU M.A.²⁰, « Asuddes yesḡa azal ḡef usuddem, asuddes wessiḡ deg tmaziḡt ḡef ugama n yiferdisen.....».

S tferansist: «*Bien qu'elle joue un role moins important que la derivation, la composition est largement attestée en berbère*».

²⁰ HADDADOU M.A., « *Le guide de la culture berbère* », Ed. Mediteranee, Paris, 2000, P 246, tasuqilt.

Amgired yellan gar usuddem d usuddes:

Asuddem, talsa umyig yef yisem, tesmengwer anagraaw yesĖan azal deg tdamsa tamatut n tutlayt. asuddem d amarnu, maĉĉi kan deg umawal, dayen ula deg tseddast n timawt tumyigt.

Asuddes:

D tumant tamurant deg tmaziyt ur tesĖi ara kan tasileyt n umawal.

Asuddem:

Tettwafed di tuga n yiskiren anĉanen aĉas n yimĉanen d iydazaren.

I.8. Ireĉĉalen:

Tutlayt tamaziyt, am tutlayin nniĉen tsexdam awalen ireĉĉalen, i d-wwin ama seg taĖrabt, tafransist...

Awal areĉĉal:

D awal i d-newwi seg tutlayt tabarranit, nerra-t yer tutlayt-nney, nsexdam-it amzun nney.

Amedya:

- Lebĉar (البحر)
- Akamyun (le camion)
- Lwart (الإرث)

yef wayen i d-tenna SADIQI FATIMA ²¹:« ireĉĉalen : d awalen d tenfaliyin ay d-nsemdu deg tutlayt ideg ara d-nerĉel yer tutlayt nniĉen».

²¹ SADIQI F, « Grammaire du berbère », Ed. L'harmattan, 1997, P 247, tasuqilt.

Ixef wis II : Tasleđt n
tyayimt n usaley
usuddem d yisalayen n
yisuddimen-ines

**Ixef wis II: Tasleđt n tyayimt n usaley n usuddem d yisalayen n
yisuddimen-ines**

Deg yixef-agi wis II nexdem tasleđt I wammud-ntey, nesesmli-ten deg tfelwiyin (isem n tigawt, isem n umigaw, isem n wallal, isem n unamek akman) yal yiwen deg-sen ad as-d-nekkes asaley-ines.

II.1. Tasleđt n yisem n tigawt:✓ $r_1r_2r_3$

	Amyag	Isem n tigawt	Asaley
$r_1r_2r_3$	Bred	Abred	$Ar_1r_2r_3$
	Brek	Abrak	$Ar_1r_2r_3$
	Bzeg	Abzag	$Ar_1r_2r_3$
	Bges	Abgas	$Ar_1r_2r_3$
	Zdem	Azdam	$Ar_1r_2ar_3$
	Zdey	Azdey	$Ar_1r_2ar_3$
	Zlef	Azlaf	$Ar_1r_2r_3$
	Zleg	Azlag	$Ar_1r_2ar_3$
	Zlem	Azlam	$Ar_1r_2ar_3$
	Hdem	Ahdam	$Ar_1r_2ar_3$
	Lqed	Alqad	$Ar_1r_2ar_3$
	Lnet	Aslnet	$Asr_1r_2r_3$
	Hdeq	Lehdaqa	$Lr_1r_2ar_3a$
	Gres	Agras	$Ar_1r_2ar_3$
	Sgen	Taguni	Tar_1ur_2i
	Gzer	Agzar	$Ar_1r_2ar_3$
	Hnet	Ahnat	$Ar_1r_2ar_3$
	Hrec	Lehraca	$Lr_1r_2a_3a$
	Jbed	Ajbad	$Ar_1r_2ar_3$
	Jber	Ajbar	$Ar_1r_2ar_3$
	Kfel	Asefel	$Asr_1r_2r_3$
	Kfer	Asekfer	$Asr_1r_2r_3$
	Lmed	Aselmed	$Asr_1r_2r_3$
	Lseq	Alsaq	$Ar_1r_2ar_3$
	Mceh	Amcah	$Ar_1r_2ar_3$
	Mger	Tamegra	$Tar_1r_2r_3a$
	Nced	Ancad	$Ar_1r_2ar_3$
	Ndef	Andaf	$Ar_1r_2ar_3$
	Ndeh	Andah	$Ar_1r_2ar_3$
	Nder	Andar	$Ar_1r_2ar_3$
	Nfeq	Nnefqa	$R_1r_2r_3a$
	Ngef	Angaf	$Ar_1r_2ar_3$
	Nger	Angar	$Ar_1r_2ar_3$
	Nher	Tanehart	$Ttar_1r_2ar_3t$
	Nyel	Anyal	$Ar_1r_2ar_3$
	Vben	Leyben	$Lr_1r_2r_3$

r₁r₂r₃	Yleḍ	Leylaḍ	Lr ₁ r ₂ r ₃
	Yreq	Ayraq	Ar ₁ r ₂ ar ₃
	Qbeḥ	Leqbiḥ	Lr ₁ r ₂ ir ₃
	Qdec	Leqdic	Lr ₁ r ₂ ir ₃
	Ṙcem	AṘcam	Ar ₁ r ₂ ar ₃
	Rḍeḥ	Arḍaḥ	Ar ₁ r ₂ ar ₃
	Rgel	Argal	Ar ₁ r ₂ ar ₃
	Sbey	Asbay	Ar ₁ r ₂ ar ₃
	Sker	Askar	Ar ₁ r ₂ ar ₃
	Cred	Acraḍ	Ar ₁ r ₂ ar ₃
	DḂef	AḍḂaf	Ar ₁ r ₂ ar ₃
	Fres	Afras	Ar ₁ r ₂ ar ₃
	Dyel	Adyal	Ar ₁ r ₂ ar ₃
	Hbel	Timmuhbelt	TiR ₁ ur ₂ r ₃ r ₄ t
	Fsex	Asefsax	Asr ₁ r ₂ ar ₃
	Freq	Afrac	Ar ₁ r ₂ ar ₃
	Qber	Aqbar	Ar ₁ r ₂ ar ₃
	Dyeq	Adyaq	Ar ₁ r ₂ ar ₃
	Hqer	Aḥqar	Ar ₁ r ₂ ar ₃

Tagrayt :

Deg usaley **r₁r₂r₃**, yefka-ay-d isalayen : Ar₁r₂r₃, R₁r₂r₃, Ar₁r₂ar₃, Asr₁r₂ar₃, Ar₁ar₂ur₃, Ar₁r₂r₃r₄, r₁r₂r₃ar₄a, Tar₁ur₂i, r₁r₂r₃uR₄a, Tar₁r₂r₃a, R₁r₂r₃a, Tar₁r₂r₃t, r₁r₂r₃ar₄, r₁r₂r₃ir₄, TiR₁ur₂r₃r₄.

✓ **r₁R₂**

	Amyag	Isem n tigawt	Asaley
r₁R₂	DurṘ	Aḍurru	Ar ₁ uR ₂ u
	Hucc	Ahuccu	Ar ₁ uR ₂ u
	Humm	Ahummu	Ar ₁ uR ₂ u
	Yumm	Ayummu	Ar ₁ uR ₂ u

Tagrayt :

Deg usaley **r₁ur₂**, yefka-ay-d asaley : Ar₁uR₂u.

✓ **r₁R₂r₃**

	Amyag	Isem n tigawt	Asaley
r₁R₂r₃	Beddel	Abeddel	Ar ₁ R ₂ r ₃
	Cebbek	Acebbek	Ar ₁ R ₂ r ₃
	Cekkel	Acekkel	Ar ₁ R ₂ r ₃

r₁R₂r₃	Cemmet	Acemmet	Ar ₁ R ₂ r ₃
	Debbez (frapper)	Adebbez	Ar ₁ R ₂ r ₃
	Ḍebber	Aḍebber	Ar ₁ R ₂ r ₃
	Feddex	Afeddax	Ar ₁ R ₂ r ₃
	Feggel	Afeggel	Ar ₁ R ₂ r ₃
	Ferrej	Aferrej	Ar ₁ R ₂ r ₃
	Feṣṣel	Afeṣṣel	Ar ₁ R ₂ r ₃
	Jemmel	Ajemmel	Ar ₁ R ₂ r ₃
	Jennes (assortir)	Ajennes	Ar ₁ R ₂ r ₃
	Jerreb	Ajerreb	Ar ₁ R ₂ r ₃
	Jerred	Ajerred	Ar ₁ R ₂ r ₃
	Jewweq	Ajewweq	Ar ₁ R ₂ r ₃
	Kebber	Akebber	Ar ₁ R ₂ r ₃
	Jeggeḥ	Ajeggeḥ	Ar ₁ R ₂ r ₃
	ḌeggeḒ	AḍeggaḒ	Ar ₁ R ₂ r ₃
	Leqqem	Aleqqem	Ar ₁ R ₂ r ₃
	Meggel	Ameggel	Ar ₁ R ₂ r ₃
	Sellek	Asellek	Ar ₁ R ₂ r ₃
	Zebbel	Azebbel	Ar ₁ R ₂ r ₃
	Ḍegger	Aḍeggar	Ar ₁ R ₂ r ₃
	Beccer	Abcir	Ar ₁ r ₂ r ₃
Ḍerref	Aḍraf	Ar ₁ r ₂ r ₃	
Sellek	Aslak	Ar ₁ r ₂ r ₃	
Senned	Asenned	Ar ₁ R ₂ r ₃	
Serreḥ	Aserreḥ	Ar ₁ R ₂ r ₃	

Tagrayt :

Deg usaley **r₁R₂r₃**, yefka-aḡ-d kraḍ yisalayen : Ar₁R₂r₃, Ar₁r₂r₃, Ar₁R₂r₃

✓ **r₁ur₂**

	Amyag	Isem n tigawt	Asaley
r₁ur₂	Bud	Abuddu	Ar ₁ R ₂ u
	Cuf	Acuffu	Ar ₁ uR ₂ u
	Cuḥ	Acuḥḥu	Ar ₁ uR ₂ u
	Cuk	Acukku	Ar ₁ uR ₂ u
	Cum	Acummu	Ar ₁ uR ₂ u
	Ḍum	Aḍummu	Ar ₁ uR ₂ u
	Luy	Aluyu	Ar ₁ ur ₂ u
	Ḓuz	AḒuzzu	Ar ₁ uR ₂ u

Tagrayt :

Deg usaley **r₁ur₂**, yefka-aḡ-d asaley : Ar₁uR₂u.

✓ r_1ir_2

	Amyag	Isem n tigawt	Asaley
r_1ir_2	Bib Cid Siy	Abibbi Uccud Tiyin	Ar_1R_2i UR_1ur_2 Tir_1ir_2

Tagrayt :

Deg usaley r_1ir_2 , yefka-ay-d isalayen: Ar_1R_2i , UR_1ur_2 , Tir_1ir_2 .

✓ r_1r_2u

	Amyag	Isem n tigawt	Asaley
r_1r_2u	Bdu Bdu Cnu Flu Gnu Hfu Nfu Ndu Qlu Rnu	Abdu Bettu Cna Fellu Gennu Heffu Neffu Asendu Qellu Anerni	Ar_1r_2u r_1R_2u r_1r_2a r_1R_2u r_1R_2u r_1R_2u r_1R_2u Asr_1r_2u r_1R_2u $Ar_1r_2r_1i$

Tagrayt :

Deg usaley r_1r_2u , yefka-ay-d semmus n yisalayen : Ar_1r_2u , r_1R_2u , r_1r_2a , $Ar_1r_2r_1i$.

✓ $r_1r_2r_1r_2$

	Amyag	Isem n tigawt	Asaley
$r_1r_2r_1r_2$	Behbeh Cencen Degdeg Ferfer Kerker Qecqec Textex Tebteb Neyney	Abehbeh Açençen Adegdeg Aferfer Akerker Aqecqec Atextex Atebteb Aneyney	$Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$ $Ar_1r_2r_1r_2$

Tagrayt :

Deg usaley $r_1r_2r_1r_2$ yefka-aḡ-d asaley : $Ar_1r_2r_1r_2$.

✓ $r_1r_2r_3r_4$

	Amyag	Isem n tigawt	Asaley
$r_1r_2r_3r_4$	Behdel	Abehdel	$Ar_1r_2r_3r_4$
	Berqec	Aberqec	$Ar_1r_2r_3r_4$
	Celqef	Acelqef	$Ar_1r_2r_3r_4$
	Gerfel	Asgerfel	$Asr_1r_2r_3r_4$
	Jelkeḍ	Ajelkeḍ	$Ar_1r_2r_3r_4$
	Yerbel	Ayerbel	$Ar_1r_2r_3r_4$
	Sefqed	Asfqed	$Asr_1r_2r_3$
	Ṭembel	Aṭembel	$Ar_1r_2r_3r_4$
	Derbez	Aderbez	$Ar_1r_2r_3r_4$
	Deryel	Aderyel	$Ar_1r_2r_3r_4$
	Derwec	Tiderwec	$Tir_1r_2r_3r_4t$

Tagrayt :

Deg usaley $r_1r_2r_3r_4$, yefka-aḡ-d isalayen : $Ar_1r_2r_3r_4$, $Ar_1r_2r_3r_4$, $Asr_1r_2r_3$

✓ $r_1ar_2r_3$

	Amyag	Isem n tigawt	Asaley
$r_1ar_2r_3$	Wanes	Awane	$Ar_1ar_2r_3$
	Baḍen	Abaden	$Ar_1ar_2r_3$

Tagrayt :

Deg usaley $r_1ar_2r_3$, yefka-aḡ-d yiwen usaley : $Ar_1ar_2r_3$

Ma d imyagen : wafeq, qabel, nader, yafer, laqeb. Fareq ur sE in ara isem n tigawt.

✓ R_1r_2

	Amyag	Isem n tigawt	Asaley
R_1r_2	Qqed	Tuqqda	TuR_1r_2a
	Qqen	Tuqna	Tur_1r_2a
	Qqes	Tuqsa	Tur_1r_2a
	Ṭṭef	Tuṭṭfa	TuR_1r_2a
	Ddez	Tuddza	TuR_1r_2a

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Tagrayt :

Deg usaley R_1R_2 yefka-aḡ-d sin n yisalayen : TuR_{1R_2a} , Tur_{1R_2a}

Ma d amyag (tṭeđ) ur isḤi ara isem n tigawt.

✓ r_1ar_2i

	Amyag	Isem n tigawt	Asaley
r_1ar_2i	Gani	Agani	Ar_1ar_2i
	Wali	Awali	Ar_1ar_2i
	Nadi	Anadi	Ar_1ar_2i
	Dari	Adari	Ar_1ar_2i

Tagrayt:

Deg usaley r_1ar_2i , yefka-aḡ-d yiwen usaley: Ar_1ar_2i

✓ $r_1ur_1r_2$

	Amyag	Isem n tigawt	Asaley
$r_1ur_1r_2$	Susem	Asusem	$Ar_1ur_1r_2$
	Gugem	Agugem	$Ar_1ur_1r_2$
	Ṭuṭec	Aṭuṭec	$Ar_1ur_1r_2$

Tagrayt :

Deg usaley $r_1ur_1r_2$, yefka-aḡ-d sin n yisaleyen : $Ar_1ur_1r_2$, $Ar_1ur_1r_2$.

✓ $r_1r_2r_3r_3$

	Amyag	Isem n tigawt	Asaley
$r_1r_2r_3r_3$	Feynen	Afaynen	$Ar_1ar_2r_3r_3$
	Nefcec	Anefcec	$Ar_1r_2r_3r_3$

Tagrayt :

Asaley $r_1r_2r_3r_3$, yefka-aḡ-d yiwen usaley : $Ar_1r_2r_3r_3$

✓ r_1r_2i

	Amyag	Isem n tigawt	Asaley
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$r_1 r_2 i$	Fsi yli	Afsay yellu	$Ar_1 r_2 ar_3$ $r_1 R_2 u$
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Tagrayt :

Deg usaley $r_1 r_2 i$, yefka-aḡ-d sin n yisalayen : $Ar_1 r_2 ar_3, r_1 R_2 u$

✓ $r_1 u r_2 r_3$

	Amyag	Isem n tigawt	Asaley
$r_1 u r_2 r_3$	Gujel Buyer	Agujel Sbuyer	$Ar_1 u r_2 r_3$ $Sr_1 u r_2 r_3$

Tagrayt :

Deg usaley $r_1 u r_2 r_3$, yefka-aḡ-d isalayen : $Ar_1 u r_2 r_3, Sr_1 u r_2 r_3$.

✓ $r_1 u r_2 r_3 r_4$

	Amyag	Isem n tigawt	asaley
$r_1 u r_2 r_3 r_4$	Murḍes	Amurḍes	$Ar_1 u r_2 r_3 r_4$

Tagrayt :

Deg usaley $r_1 u r_2 r_3 r_4$, yefka-aḡ-d yiwen usaley : $Ar_1 u r_2 r_3 r_4$

✓ $r_1 i r_1 r_2$

	Amyag	Isem n tigawt	Asaley
$r_1 i r_1 r_2$	Sijew Sized	Ajaw Izid	$Ar_1 ar_2$ $Ir_1 i r_2$

Tagrayt :

Deg usaley $r_1 i r_1 r_2$, yefka-aḡ-d sin yisalayen : $Ar_1 ar_2, Ir_1 i r_2$

✓ $r_1 r_2$

	Amyag	Isem n tigawt	Asaley
$r_1 r_2$	Seb Bed Eḍs	Asebb ^{wi} Ibeddi Taḍṣa	$Ar_1 R_2^{wi}$ $Ir_1 R_2 i$ $Tar_1 r_2 a$

Tagrayt :

Deg usaley r_1r_2 , yefka-aḡ-d kraḍ n yisalayen : $Ar_1R_2^wi$, Ir_1R_2i , Tar_1r_2a

✓ r_1R_2i

	Amyag	Isem n tigawt	Asaley
r_1R_2i	Beqqi	Abeqqi	Ar_1R_2i
	Berri	Aberri	Ar_1R_2i
	Tekki	Atekki	Ar_1R_2i

Tagrayt:

Deg usaley r_1R_2i , yefka-aḡ-d salay: Ar_1R_2i .

✓ $r_1ir_2r_3$

	Amyag	Isem n tigawt	Asaley
$r_1ir_2r_3$	Wireb	Awareb	$Ar_1ar_2r_3$
	Ciwer	Aciwer	$Ar_1ir_2r_3$

Tagrayt :

Deg usaley $r_1ir_2r_3$, yefka-aḡ-d sin Asaley : $Ar_1ir_2r_3$.

✓ $r_1r_2r_3r_4$

	Amyag	Isem n tigawt	Asaley
$r_1r_2ur_3r_4$	Bruqel	Abruqel	$Ar_1r_2ur_3r_4$

Tagrayt :

Deg usaley $r_1r_2ur_3r_4$, yefka-aḡ-d asaley : $Ar_1r_2ur_3r_4$.

✓ $r_1ur_2r_3r_3$

	Amyag	Isem n tigawt	Asaley
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$r_1ur_2r_3r_3$	Zukrer (trainer)	Azukrer	$Ar_1ur_2r_3r_3$
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Tagrayt :

Deg usaley $r_1ur_2r_3r_3$, yefka-aḡ-d asaley : $Ar_1ur_2r_3r_3$.

✓ $r_1r_2r_2r_3$

	Amyag	Isem n tigawt	asaley
$r_1r_2r_2r_3$	Fṛur̄ex	Afṛur̄ex	$Ar_1r_2ur_2r_3$
	Ftutes	Aftutes	$Ar_1r_2ur_2r_3$
	jgugel	Ajgugel	$Ar_1r_2ur_2r_3$

Tagrayt :

Deg usaley $r_1r_2r_2r_3$, yefka-aḡ-d asaley : $Ar_1r_2ur_2r_3$.

✓ $r_1r_2r_1r_3$

	Amyag	Isem n tigawt	Asaley
$r_1r_2r_1r_3$	Derdez	Aderdez	$Ar_1r_2r_1r_3$
	Mermec	Amermec	$Ar_1r_2r_1r_3$
	Behbel	Abehbel	$Ar_1r_2r_1r_3$

Tagrayt :

Deg usaley $r_1r_2r_1r_3$, yefka-aḡ-d Asaley : $Ar_1r_2r_1r_3$.

✓ $r_1ur_2r_3i$

	Amyag	Isem n tigawt	Asaley
$r_1ur_2r_3i$	Fuhri (exagérer)	Afuhri	$Ar_1ur_2r_3i$

Tagrayt :

Deg usaley $r_1ur_2r_3i$, yefka-aḡ-d asaley : $Ar_1ur_2r_3i$.

✓ $r_1uR_2r_3$

	Amyag	Isem n tigawt	Asaley
$r_1uR_2r_3$	Ḥurrem	Aḥurrem	$Asr_1uR_2r_3$

Tagrayt :

Deg usaley $r_1uR_2r_3$, yefka-aḡ-d asaley : $Asr_1ur_2r_3$.

✓ $r_1uR_2r_2$

	Amyag	Isem n tigawt	Asaley
$r_1uR_2r_2$	Musses (devenir fastidieux)	Amusses	$Ar_1uR_2r_2$

Tagrayt :

Deg usaley $r_1ur_2r_2$, yefka-ay-d asaley : $Ar_1uR_2r_2$.

✓ **$r_1R_2r_3$**

	Amyag	Isem n tigawt	Asaley
$r_1R_2r_3$	Kuffet	Akuffet	$Ar_1uR_2r_3$

Tagrayt :

Deg usaley $r_1R_2r_3$: yefka-ay-d asaley : $Ar_1uR_2r_3$.

✓ **$Ir_1r_2ir_3$**

	Amyag	Isem n tigawt	Asaley
$Ir_1r_2ir_3$	Ihriw	Tehri	Tr_1r_2i

Tagrayt :

Deg usaley $Ir_1r_2ir_3$, yefka-ay-d asaley: Tr_1r_2i .

✓ **$r_1r_2ir_3$**

	Amyag	Isem n tigawt	asaley
$r_1r_2ir_3$	Ktil	Aktili	$Ar_1r_2ir_3i$

Tagrayt :

Deg usaley $r_1r_2ir_3$, yefka-ay-d asaley: $Ar_1r_2ir_3i$

II.2. Tasleđt n yisem n umigaw:

✓ $r_1r_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1r_2r_3$	Bred	Amsebred	Asr ₁ r ₂ r ₃
	Bzeg	Amzebzeg	Amr ₁ r ₂ r ₃ r ₄
	Bges	Ambges	Amr ₁ r ₂ r ₃
	Zdem	Azeddam	Ar ₁ R ₂ ar ₃
	Zdey	Amezday	Amr ₁ r ₂ ar ₃
	Zlef	Azellaf	Ar ₁ R ₂ ar ₃
	Zleg	Amezlagu	Amr ₁ r ₂ ar ₃ u
	Zlem	Imzille	Imr ₁ iR ₂ r ₃
	Sgen	Amgun	Amr ₁ r ₂ ur ₃
	Gzer	Agezzar	Amr ₁ ur ₂
	Ĥnet	Uĥnit	Anr ₁ r ₂ ur ₃
	Ĥrec	Uĥric	Ur ₁ r ₂ ir ₃
	Jbed	Amjbad	Amr ₁ r ₂ ar ₃
	Kfel	Imsekel	Imsr ₁ r ₂ r ₃
	Lmed	Aselmad	Ar ₁ r ₂ r ₃ ar ₄
	Mceĥ	Ameccaĥ	AmR ₁ ar ₂
	Nced	Imneced	Imr ₁ R ₂ r ₃
	Ndef	Imsendef	Imsr ₁ r ₂ r ₃
	Ndeh	Imsendeh	Imsr ₁ r ₂ r ₃
	Ndeĥ	Amendaĥ	Amr ₁ r ₂ ar ₃
	Ngef	Aneggaf	Ar ₁ R ₂ ar ₃
	Nger	Imsender	Imsr ₁ r ₂ r ₃
	Nheĥ	Amenhaĥ	Amr ₁ r ₂ ar ₃
	Nyel	Amsenyel	Amsr ₁ r ₂ r ₃
	Qdec	Aqeddac	Ar ₁ R ₂ ar ₃
	Rgel	Imsergel	Imsr ₁ r ₂ r ₃
	Dyel	Amedyul	Amr ₁ r ₂ ur ₃
	Qber	Uqbir	Ur ₁ r ₂ ir ₃

Tagrayt :

Deg usaley $r_1r_2r_3$, yefka-aγ-d 19 n yisalayen : $Amr_1r_2ar_3$, $Amsr_1r_2r_3$, $Amr_1r_2r_3r_4$, $Amr_1r_2r_3$, $R_1ar_2r_3$, $Ar_1R_2ar_3$, $Ar_1r_2r_3ar_4$, $Amr_1r_2ar_3$, $Amr_1r_2ar_3u$, $Imr_1iR_2r_3$, $Amar_1r_2ar_3$, $r_1r_2ar_3r_4ur_5$, $Ur_1r_2ir_3$, $Amr_1r_2ur_3$, AmR_1ur_2 , Amr_1ur_2 , $Imsr_1r_2r_3$, AmR_1ar_2 , $Ar_1R_2ar_3$.

Ma d imyagen : Bred, zreε, lnet, gres, jmeε, lmed, mger, qdec, rgel, fsex, freh, freq, dyeq, hder ur sEin ara isem n umigaw.

✓ r_1uR_2

	Amyag	Isem n umigaw	Asaley
r_1uR_2	Đurđ	Amđurđu	Amr_1uR_2u
	Hucc	Amhuccu	Amr_1uR_2u
	Humm	Amhummu	Amr_1uR_2u
	Yumm	Amyummu	Amr_1uR_2u
	Cuff	Amcuffu	Amr_1uR_2u

Tagrayt :

Deg usaley r_1uR_2 , yefka-aγ-d asaley : Amr_1uR_2u .

✓ $r_1R_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1R_2r_3$	Cebbek	Amcebbak	$Amr_1R_2r_3$
	Cemmet	Imcemmet	$Imr_1R_2r_3$
	Debbez	Amdebbez	$Amr_1R_2r_3$
	Đebber	Imđebber	$Imr_1R_2r_3$
	Feddex	Imfeddax	$Imr_1R_2r_3$
	Feggel	Imfeggel	$Imr_1R_2r_3$
	Jerred	Imjerred	$Imr_1R_2r_3$
	Jeggeđ	Imjeggađ	$Imr_1R_2r_3$
	Đeggeε	Amđeggeε	$Amr_1R_2r_3$
	Meggel	Ameggel	$Ar_1r_2ar_3$
	Zebbel	Imzebbel	$Imr_1R_2r_3$
	Đegger	Amđegger	$Amr_1R_2r_3$
	Đerđef	Amđarfu	$Amr_1ar_2r_3u$
	Yebber (fumer)	Imyebađ	$Imr_1r_2ar_3$
	Yerreb	Ayrib (voiyageur)	$Ar_1r_2ir_3$
	Senned	Amsenned	$Amr_1R_2r_3$

	Serreĥ Celleĥ	Imserreĥ Amcelleĥ	Imr ₁ R ₂ r ₃ Amr ₁ R ₂ r ₃
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Tagrayt :

Deg usaley $r_1R_2r_3$: yefka-aġ-d 06 n yisalayen : Amr₁R₂r₃, Imr₁R₂r₃, Imr₁r₂ar₃, Ar₁r₂ar₃, Ar₁r₂ir₃,
Amr₁ar₂r₃u.

✓ r_1ur_2

	Amyag	Isem n umigaw	Asaley
r_1ur_2	Bud	Ambuddu	Amr ₁ uR ₂ u
	Cuf	–	–
	Cuĥ	Imceĥĥi	Imr ₁ R ₂ i
	Đum	Amđummu	Amr ₁ uR ₂ u
	Luy	Amluyu	Amr ₁ ur ₂ u
	Èuz	AmaÈzuz	Amar ₁ r ₂ ur ₂

Tagrayt :

Deg usaley r_1ur_2 , yefka-aġ-d 3 n yisalayen : Amr₁uR₂u, Imr₁R₂i, Amar₁r₂ur₂.

✓ r_1ir_2

	Amyag	Isem n umigaw	Asaley
r_1ir_2	Bib	Ambibbi	Amr ₁ iR ₂ i
	Cir	Amcira	Amr ₁ ir ₂ a
	Siy	Amsayi	Amr ₁ ar ₂ i

Tagrayt :

Deg usaley r_1rir_2 , yefka-aġ-d 4 n yisalayen: Amr₁iR₂i, Amr₁ir₂a, Amr₁ar₂i, Ar₁R₂ar₃.

Ma d amyag: Ciđ ur yesÈi ara isem n umigaw.

✓ r_1r_2u

	Amyag	Isem n umigaw	Asaley
	Bdu	Amsebdu	Amsr ₁ r ₂ u
	Bđu	Amsebđu	Amsr ₁ r ₂ u

r₁r₂u	Cnu	Acennay	Ar ₁ R ₂ ar ₃
	Glu	Amseglu	Amsr ₁ r ₂ r ₃ u
	Gnu	Amsegnu	Amsr ₁ r ₂ r ₃ u
	Ĥfu	Imseĥfu	Imsr ₁ r ₂ u
	Fru	Amsefru	Amsr ₁ r ₂ u

Tagrayt :

Deg usaley **r₁r₂u**, yefka-aγ-d 5 n yisalayen : Amsr₁r₂u, Ar₁R₂ar₃, Imsr₁r₂u, Amr₁r₂i.

Ma d amyag: Flu ur yesĖi ara isem n umigaw.

✓ **r₁r₂r₁r₂**

	Amyag	Isem n umigaw	Asaley
r₁r₂r₁r₂	Behbeh	Abehbah	Ar ₁ r ₂ r ₁ ar ₂
	Ĉenĉen	Imĉenĉen	Imr ₁ r ₂ r ₁ r ₂
	Degdeg	Imsdegdeg	Imsr ₁ r ₂ r ₁ r ₂
	Ferfer	Imsfarfer	Imsr ₁ r ₂ r ₁ r ₂
	Kerker	Imskerker	Imsr ₁ r ₂ r ₁ r ₂
	Qecqec	Aqecqac	Ar ₁ r ₂ r ₁ ar ₂
	Textex	Imtextex	Imr ₁ r ₂ r ₁ r ₂
	Ṭebṭeb	Imṣtebṭeb	Imsr ₁ r ₂ r ₁ r ₂
	Neyney	Aneynay	Ar ₁ r ₂ ar ₁ r ₂

Tagrayt :

Deg usaley **r₁r₂r₁r₂**, yefka-aγ-d 4 n yisalayen : Ar₁r₂r₁ar₂, Imr₁r₂r₁r₂, Imsr₁r₂r₁r₂, Imsr₁ar₂r₁r₂.

✓ **r₁r₂r₃r₄**

	Amyag	Isem n umigaw	Asaley
r₁r₂r₃r₄	Behdel	Imbehdel	Imr ₁ r ₂ r ₃ r ₄
	Celqef	Amcelqef	Amr ₁ r ₂ r ₃ r ₄
	Gerfel	Imsgerfel	Imsr ₁ r ₂ r ₃ r ₄
	Ṭembel	Imṭembel	Imr ₁ r ₂ r ₃ r ₄
	Derbez	Amderbez	Amr ₁ r ₂ r ₃ r ₄
	Deryel	Aderyal	Ar ₁ r ₂ r ₃ ar ₄
	Derwec	Adarwic	Ar ₁ r ₂ r ₃ ir ₄

Tagrayt :

Deg usaley $r_1r_2r_3r_4$, yefka-ay-d 6 n yisalayen : $Imsr_1r_2r_3r_4$, $Amr_1r_2r_3r_4$, $Imsr_1r_2r_3$, $Imr_1r_2r_3r_4$, $Ar_1r_2r_3r_4$, $Ar_1ar_2r_3ir_4$.

Ma d imyagen : Heckel, jelked, yerbel ur sEin ara isem n umigaw.

✓ r_1r_2

	Amyag	Isem n umigaw	Asaley
r_1r_2	Eđs	Amsedđsi	Amsr _{1r₂i}

Tagrayt :

Deg usaley r_1r_2 , yefka-ay-d asaley : Amsr_{1r₂i}.

Ma d imyagen: Seb, bed, eđs ur sEin ara isem n umigaw.

✓ $r_1ur_2r_3u$

	Amyag	Isem n umigaw	Asaley
$r_1ur_2r_3u$	Buđu	Amsbuđu	Amsr _{1ur₂r₃u}

Tagrayt :

Dg usaley $r_1ur_2r_3u$, yefka-ay-d asalay : Amsr_{1ur₂r₃u}.

✓ $r_1ur_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1ur_2r_3$	Buyeđ Gujel	Imsebuyeđ Agujil	Imsr _{1ur₂r₃} Ar _{1ur₂ir₃}

Tagrayt :

Deg usaley $r_1ur_2r_3$, yefka-ay-d 2 n yisalayen : $Imsr_1ur_2r_3$, $Ar_1ur_2ir_3$.

✓ r_1R_2i

	Amyag	Isem n umigaw	Asaley
r_1R_2i	Beqqi Berri Yenni Rebbi Xetđi	Ambeqqi Amberri Ayennay Imrebbi Imxetđi	Amr _{1R₂i} Amr _{1R₂i} Ar _{1R₂ar₃} Imr _{1R₂i} Imr _{1R₂i}

	Tekki	Amtekki	Amr ₁ R ₂ i
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Tagrayt:

Deg usalay r_1R_2i , yefka-aγ-d 3 n yisalayen: Amr₁R₂i, Ar₁R₂ar₃, Amr₁R₂i.

✓ $r_1ur_2r_3r_4$

	Amyag	Isem n umigaw	Asaley
$r_1ur_2r_3r_4$	Murđes	Amurđus	Ar ₁ ur ₂ r ₃ ur ₄

Tagrayt :

Deg usaley $r_1ur_2r_3r_4$, yefka-aγ-d asalay : Ar₁ur₂r₃ur₄.

✓ $r_1r_2ur_3r_4$

	Amyag	Isem n umigaw	asaley
$r_1r_2ur_3r_4$	Bruqel	Imbruqel	Imr ₁ r ₂ ur ₃ r ₄

Tagrayt :

Deg usaley $r_1r_2ur_3r_4$, yefka-aγ-d asalay : Imr₁r₂ur₃r₄.

✓ $r_1ir_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1ir_2r_3$	Ciwer Eiwen	Amciwer AmEiwen	Amr ₁ ir ₂ r ₃ Amr ₁ ir ₂ r ₃

Tagrayt :

Deg usaley $r_1ir_2r_3$ yefka-aγ-d asaley : Amr₁ir₂r₃.

Ma d amyag: Wireb ur yesEi ara isem n umigaw.

✓ $r_1ur_2r_3r_3$

	Amyag	Isem numigaw	Asaley
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$r_1ur_2r_3r_3$	Zukrer (trainer)	Amzukurar	$Amr_1ur_2r_3ar_3$
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Tagrayt :

Deg usaley $r_1ur_2r_3r_3$, yefka-aŷ-d asaley : $Amr_1ur_2r_3ar_3$.

✓ Ar_1r_2

	Amyag	Isem n umigaw	Asaley
Ar_1r_2	Ađen	Amuđin	$Amur_1ir_2$
	Aker	Amakar	$Amar_1ar_2$
	Azen	Amazzan	$AmaR_1ar_2$
	Azel	Amzizzel	$Amr_1iR_1r_2$

Tagrayt :

Deg usaley Ar_1r_2 , yefka-aŷ-d 4 n yisalayen : $Amur_1ir_2$, $Amar_1ar_2$, $AmaR_1ar_2$, $Amr_1iR_1r_2$.

✓ R_1r_2

	Amyag	Isem n umigaw	Asaley
R_1r_2	Ddez	Amaddaz	$AmaR_1ar_2$
	Ṭṭeđ	Imsuṭṭeđ	$ImsuR_1r_2$

Tagrayt :

Deg usaley R_1r_2 , yefka-aŷ-d 2 n yisalayen : AmR_1ar_2 , $ImsuR_1r_2$.

Ma d imyagen : Ṭṭef, qqes, qqen, qqed ur sEin ara isem n umigaw.

✓ r_1ar_2i

	Amyag	Isem n umigaw	Asaley
r_1ar_2i	Dari	Amsdari	$Amsr_1ar_2i$
	Gani	Amgani	Amr_1ar_2i
	Nadi	Amnadi	Amr_1ar_2i
	Wali	Amwali	Amr_1ar_2i

Tagrayt :

Deg usaley r_1ar_2i yefka-aŷ-d asaley: $Amsr_1ar_2i$.

✓ $r_1r_2r_1r_3$

	Amyag	Isem n umigaw	Asaley
$r_1r_2r_1r_3$	Derdez Mermec Behbel	Amsderdez Amermac Imbhebel	Amsr ₁ r ₂ r ₁ r ₃ Ar ₁ r ₂ r ₁ ar ₃ Imr ₁ r ₂ r ₁ r ₃

Tagrayt :

Deg usaley $r_1r_2r_1r_3$, yefka-aḡ-d 3 n yisalayen : Amsr₁r₂r₁r₃, Ar₁r₂r₁r₃, Imr₁r₂r₁r₃.

✓ r_1r_2i

	Amyag	Isem n umigaw	Asaley
r_1r_2i	Fsi yli	Amsefsi Ameḡlawi	Amsr ₁ r ₂ i Amr ₁ r ₂ ar ₃ i

Tagrayt :

Deg usaley r_1r_2i , yefka-aḡ-d 2 n yisalayen: Amsr₁r₂i, Amr₁r₂ar₃i.

✓ $r_1r_2ur_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1r_2ur_2r_3$	Fṛuṛex	Imsefṛuṛex	Imsr ₁ r ₂ ur ₂ r ₃

Tagrayt :

Deg usaley $r_1r_2ur_2r_3$, yefka-aḡ-d asaley : Imsr₁r₂ur₂r₃.

Ma d imyagen : Ftutes, jgugel ur sĒin ara isem n umigaw.

✓ r_1r_2u

	Amyag	Isem n umigaw	Asaley
r_1r_2u	Ndu	Tamsendut	Tamsr ₁ r ₂ ut

Tagrayt :

Deg usaley r_1r_2u , yefka-aḡ-d asaley : Tamsr_{1r₂ut}.

Ma d imyagen : Fru, ndu ur sEin ara isem n umigaw.

✓ $r_1r_2r_3r_3$

	Amyag	Isem n umigaw	Asaley
$r_1r_2r_3r_3$	Nefcec Feynen	Imfeccec Afeynan	Imr ₁ R ₂ r ₂ Ar ₁ r ₂ ar ₂

Tagrayt :

Deg usaley $r_1r_2r_3r_3$, yefka-aḡ-d 2 n yisalayen : Imr₁R₂r₂, Ar₁r₂ar₂.

✓ $r_1ur_1r_3$

	Amyag	Isem n umigaw	Asaley
$r_1ur_1r_2$	Gugem Susem	Agugam Asusam	Ar ₁ ur ₁ ar ₂ Ar ₁ ur ₁ ar ₂ =

Tagrayt :

Deg usaley $r_1ur_1r_2$, yefka-aḡ-d asaley : Ar₁ur₂ar₂.

Ma d imyagen : Zuzer, tuṭec ur sEin ara isem n umigaw.

✓ $Ir_1r_2ur_3$

	Amyag	Isem n umigaw	Asaley
$Ir_1r_2ur_3$	Imyur	Amyar	Ar ₁ r ₂ ar ₃

Tagrayt :

Deg usaley $Ir_1r_2ur_3$, yefka-aḡ-d asalay : Ar₁r₂ar₃.

✓ Ar_1u

	Amyag	Isem n umigaw	Asaley
Ar_1u	Aru	Amaru	Amar ₁ u

Tagrayt :Deg usalay Ar_1u , yefka-ay-d asalay : Amar₁u.✓ $r_1ar_2r_3$

	Amyag	Isem n umigaw	Asaley
$r_1ar_2r_3$	Bađen	Ambađen	Amr ₁ ar ₂ r ₃
	CafeĖ	AmcafeĖ	Amr ₁ ar ₂ r ₃
	Laqeb	Amlaqeb	Amr ₁ ar ₂ r ₃
	Nađer	Amnađer	Amr ₁ ar ₂ r ₃
	Wanes	Amwanes	Amr ₁ ar ₂ r ₃

Tagrayt :Deg usalay $r_1ar_2r_3$, yefka-ay-d asalay : Amr₁ar₂r₃.

Ma d amyag: Ĥader ur yesĖi ara isem n umigaw.

Gar tamawt:Llan kra n yisalayen, imyagen-n sen ur sĖin ara isem n umigaw: r₁uR₂r₃, r₁ur₂r₃i.

II.3. Tasleđt n yisem n wallal:

✓ $r_1r_2r_3$

	Amyag	Isem n wallal	Asaley
$r_1r_2r_3$	Bred	Lmebred	$Lr_1r_2r_3r_4$
	Bges	Asebgas	$Ar_1r_2r_3r_4$
	Zdem	Tazdamt	$Tar_1r_2ar_3t$
	Lnet	Ilni	Ir_1r_2i
	Gres	Agris	$Ar_1r_2ir_3$
	Sgen	Asgen	$Ar_1r_2r_3$
	Jbed	Ajebbad	$Ar_1R_2ar_3$
	Jber	Lejber	$r_1r_2r_3r_4$
	Jmeċ	Ajemmaċ	$Ar_1R_2ar_3$
	Mger	Amge	$Ar_1r_2r_3$
	Rgel	Asergel	$Ar_1r_2r_3r_4$
	Sker	Ssikran	$R_1ir_2r_3ar_4$
	Fhem	Lefhem	$r_1r_2r_3r_4$
	Fres	Tafarrast	$Tar_1aR_2ar_3t$
	Hder	Lehdur	$Lr_1r_2ur_3$
	Đbex	Tadebbaxt	$Tar_1R_2ar_3t$

Tagrayt :

Asaley $r_1r_2r_3$, yefka-ay-d isalayen : $Lr_1r_2r_3r_4$, $Ar_1r_2r_3r_4$, $Tar_1R_2ar_3t$, $Tar_1r_2ar_3t$, $Lr_1r_2ur_3$, Ir_1r_2i ,
 $Ar_1r_2r_3$, $Ar_1R_2ar_3$, $Ar_1r_2r_3r_4$, $R_1ir_2r_3ar_4$, $Tar_1aR_2ar_3t$.

Ma d imyagen : BleḤ, Brek, Bzeg, DmeḤ, XdeḤ, Xdem, Xḍeb, Xleq, Zdey, Zlef, Zleg, Zlem,
Eceq, Edem, Elef, Ewej, Hḍem, Hḍeq, Lqeḍ, Hbes, Gzer, Hkem, Hnet, Hrec, Hzen, Jreh, Hret,
Kfel, Kfer, Lmed, Mceḥ, Nced, Ndef, Ndeh, Nḍer, Nfeq, Ngef, Nger, Nher, Nyel, yben, yled,
Qbeḥ, Qdec, Rcem, Rḍeḥ, Dleb, Creḍ, DḤef, Fsed, Dyel, Hbel.

✓ r_1uR_2

	Amyag	Isem n wallal	Asaley
r_1uR_2	Yumm	Ayummy	Ar_1uR_2u

Tagrayt :

Asaley r_1uR_2 , yefka-ay-d yiwen usaley : $r_1r_2uR_3$

Ma d imyagen : Durr, Hucc, Humm, Hubb ur sḤin ara isem n wallal.

✓ $r_1R_2r_3$

	Amyag	Isem n wallal	Asaley
$r_1R_2r_3$	Beddel Cebbek Cekkel Celleḥ Debbez Jewweq	Abdil Acebbak Tacekkalt Timcelleḥt Tadebbuzt Tajewwaqt	$Ar_1r_2ir_3$ $Ar_1R_2ar_3$ $Tar_1R_2ar_3t$ $Tir_1r_2R_3r_4t$ $Tar_1R_2ur_3$ $Tar_1R_2ar_3t$

Tagrayt :

Asaley $r_1R_2r_3$, yefka-ay-d isalayen : $Ar_1r_2ir_3$, $Ar_1R_2ar_3$, $Tar_1R_2ar_3t$, $Tar_1R_2ur_3t$, $Tir_1r_2R_3r_4t$.

Ma d imyagen : Behḥet, cemmet, ḍebber, feddex, feggel, felleḥ, ferrej, feḥḥel, jimmel, jennes,
jerreb, jerred, kebbet, jeggeḥ, ḍeggeḤ, ḍegger, leqqem, neggel, sellek, zebbel, beccer, ḍerref,
xebber, sellek, senned, semmeḥ ur sḤin ara isem n wallal.

✓ r_1ur_2

	Amyag	Isem n wallal	Asaley
r_1ur_2	Cuk Cum	Ccekk Ccemma	R_1R_2 R_1R_2a

Tagrayt :

Asaley r_1ur_2 , yefka-ay-d sin isalayen: R_1R_2 , R_1R_2a .

Ma d imyagen: Bud, cuf, cuḥ, ḍum ur sEin ara isem n wallal.

✓ r_1ir_2

	Amyag	Isem n wallal	Asaley
r_1ir_2	Cir (annoncer) Xiḍ	Licara (signe) Lxiḍ	$r_1ir_2ar_3a$ $r_1r_2ir_3$

Tagrayt :

Asaley r_1ir_2 , yefka-ay-d sin isalayen: $r_1ir_2ar_3a$, $r_1r_2ir_3$.

Ma d imyagen: Bib, ciḍ, siy ur sEin ara isem n wallal.

✓ r_1r_2u

	Amyag	Isem n wallal	Asaley
r_1r_2u	Glu Gnu Qlu	Tasaglut (entretoise) Asegnu (fil qui fixe le tissage) Lmeqla	$Tar_1ar_2r_3ut$ $Ar_1r_2r_3u$ $r_1r_2r_3r_4a$

Tagrayt :

Asaley r_1r_2u , yeka-ay-d isalayen : $Tar_1ar_2r_3ut$, $Ar_1r_2r_3u$, $r_1r_2r_3r_4a$

Ma d imyagen : Bdu, bḍu, cnu, flu, ḥfu, nfu, ynu, fru, ndu ur sEin ara isem n wallal.

✓ $r_1r_2r_1r_2$

	Amyag	Isem n wallal	Asaley
$r_1r_2r_1r_2$	Čenčen Ferfer Kerker	Tačenčunt Tabusferfert Tabuskerkert	$Tar_1r_2r_1ur_2$ $Tar_1ur_2r_3r_4r_3r_4t$ $Tar_1ur_2r_3r_4r_3r_4t$

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Tagrayt :

Asaley $r_1r_2r_1r_2$, yefka-ay-d isalayen : $Tar_1r_2r_1ur_2t$, $Tar_1ur_2r_3r_4r_3r_4t$.

Ma d imyagen : beħbeħ, degdeg, qecqec, textex, řebřeb ur sEın ara isem n wallal.

✓ $r_1r_2r_3r_4$

	Amyag	Isem n wallal	Asaley
$r_1r_2r_3r_4$	Celqef Heckel Jelkeđ	Alqaf Aheckul Ajelkađ (Baguette flexible)	$Ar_1r_2ar_3$ $Ar_1r_2r_3ur_4$ $Ar_1r_2r_3ar_4$

Tagrayt :

Asaley $r_1r_2r_3r_4$, yefka-ay-d isalayen : $Ar_1r_2ar_3$, $Ar_1r_2r_3ur_4$, $Ar_1r_2r_3ar_4$

Ma d imyagen : Behdel, beřqec, gerfel, řerbel, selqef, řembel, derbez, deryel, derwec ur sEın ara isem n wallal.

✓ R_1r_2

	Amyag	Isem n wallal	Asaley
R_1r_2	Qqed Qqen řřef Ddez	Tiqqad Tamaqqant Tamařřaft(bouton-pression) Azduz	TiR_1ar_2 $Tar_1aR_2ar_3t$ $Tar_1aR_2ar_3t$ $Ar_1r_2ur_1$

Tagrayt :

Asaley R_1r_2 yefka-ay-d isalayen : TiR_1ar_2 , $Tar_1aR_2ar_3t$, $Ar_1r_2ur_1$.

Ma d imyagen : Qqes, řřeđ ur sEın ara isem n wallal.

✓ r_1ar_2i

	Amyag	Isem n wallal	Asaley
r_1ar_2i	Dari	Tasdarit	Tar _{1r₂ar₃it}

Tagrayt :

Asaley r_1ar_2i , yefka-ay-d isalayen: Tar_{1r₂ar₃it}.

Ma d imyagen : Gani, wali, nadi ur sEin ara isem n wallal.

✓ $r_1ur_1r_2$

	Amyag	Isem n wallal	Asaley
$r_1ur_1r_2$	Tutec	Atituc	Ar _{1ir₁ur₂}

Tagrayt :

Asaley $r_1ur_1r_2$, yefka-ay-d asaley : Ar_{1ir₁ur₂}.

Ma d imyagen: Zuzer, susem, gugem ur sEin ara isem n wallal.

Gar tamawt:

Llan kra n yisalayen, imyagen-nsen ur sEin ara isem n wallal : Ar_{1r₂}, r_{1r₂i}, r_{1r₂u}, r_{1ur₂r₃}, r_{1ur₂r₃r₄}, r_{1ir₁r₂}, r_{1r₂}, r_{1R₂i}, r_{1ir₂r₃}, Ir_{1ir₂}, r_{1r₂ur₃r₄}, r_{1ir₂r₃i}, Ir_{1r₂ir₂}, r_{1ur₂r₃r₃}, r_{1r₂i}, r_{1r₂r₁r₃}, r_{1ur₂r₃i}, r_{1r₂r₃i}, r_{1R₂r₂}, r_{1r₂r₃i}, Ar_{1u}, r_{1r₂r₃r₃}.

II.4. Tasleđt n yisem n unamek akmam:

✓ $r_1r_2r_3$

	Amyag	Isem n unamek akmam	Asaley
$r_1r_2r_3$	Brek	Buberrek	r _{1ur₁R₂r₃}
	Bges	Agus	Ar _{1ur₂}
	Zlef	Tazlaft	Tar _{1r₂ar₃t}
	Zleg	Tazlagt	Tar _{1r₂ar₃t}
	Lqed	Taselqet	Tar _{1r₂r₃r₄}
	Sgem	Asgam	Ar _{1ar₂r₃}
	Hrec	Amehruc	Ar _{1r₂r₃ur₄}
	Jbed	Tajabbat	Tar _{1aR₂at}
	Kfel	Ikfil	Ir _{1r₂ir₃}
	Clex	Amcelux	Ar _{1r₂r₃ur₄}

	Msex cređ	Lmesxa ticređđ	Lr ₁ r ₂ r ₃ a Tir ₁ r ₂ R ₃
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Tagrayt :

Asalay-agi $r_1r_2r_3$ yefka-d isalayen-agi : $r_1ur_1R_2r_3$, Ar_1ur_2 , $Tar_1r_2ar_3t$, $Tar_1r_2r_3r_4$, $Ar_1ar_2r_3$, $Ar_1r_2r_3ur_4$,
 Tar_1aR_2at , $Ir_1r_2ir_3$, $Lr_1r_2r_3a$, $Tir_1r_2R_3$

✓ $r_1R_2r_3$

	Amyag	Isem n unamek akmam	Asaley
$r_1R_2r_3$	Cemmet Debbez Feddex Jemmel Jennes Jerred	Ccmata Ddebza Afeddix Ljemla Ljens Lejrid	R ₁ r ₂ ar ₃ a R ₁ r ₂ r ₃ a Ar ₁ R ₂ ir ₃ r ₁ r ₂ r ₃ r ₄ a r ₁ r ₂ r ₃ r ₄ r ₁ r ₂ r ₃ ir ₄ a

Tagrayt :

Asaley-agi $r_1R_2r_3$, yefka-d isalayen-agi : $R_1r_2ar_3a$, $R_1r_2r_3a$, $Ar_1R_2ir_3$, $r_1r_2r_3r_4a$, $r_1r_2r_3r_4$, $r_1r_2r_3ir_4a$.

Ma d imyagen: beddel, cebbek, đebber, feggel, felleđ, jerreb, jewweq, kebbet, jeggeđ, deggeđ,
leqqem, meggel, sellek, zebbel, degger, beccer, semmeđ, senned, serređ, tebbet, nebbeh ur sEin
ara isem n unamek akmam.

✓ r_1ur_2

	Amyag	Isem n unamek akmam	Asaley
r_1ur_2	Cum Đum	Amcum Iđumman	Ar ₁ r ₂ ur ₁ Ir ₁ uR ₂ ar ₃

Tagrayt :

Asalay-agi r_1ur_2 yefka-d isalayen-a : $Ar_1r_2ur_1$, $Ir_1uR_2ar_3$.

Ma d imyagen : Bud, Cuf, Cuđ, Cuk, Luy, Euz ur sEin ara isem n unamek akmam.

✓ r_1ir_2

	Amyag	Isem n unamek akmam	Asaley
r₁ir₂	Cir	Ccira	R ₁ ir ₂ a

Tagrayt :

Asaley-agi **r₁ir₂** yefka-d asalay-a R₁ir₂a.

Ma d imyagen-a: Bib, Ciđ, Siy, Xiđ ur sĕin ara isem n unamek akmam.

✓ **r₁r₂u**

	Amyag	Isem n unamek akmam	Asaley
r₁r₂u	Flu Glu Ĥfu Fru	Tifla Taseglut Leĥfa Tifrat	Tir ₁ r ₂ a Tar ₁ r ₂ r ₃ ut r ₁ r ₂ r ₃ a Tir ₁ r ₂ at

Tagrayt :

Asaley-agi **r₁r₂u** yefka-d isalayen-a: Tir₁r₂i, Tar₁r₂r₃ut, r₁r₂r₃a, Tir₁r₂at.

Ma d imyagen-a: Bdu, Bđu, Cnu, Gnu, Nfu, ynu, Ndu, Qlu ur sĕin ara isem n unamek akmam.

✓ **r₁r₂r₁r₂**

	Amyag	Isem n unamek Akmam	Asaley
r₁r₂r₁r₂	Qecqec	Aqcuc	Ar ₁ r ₂ ur ₂

Tagrayt :

Asaley-agi **r₁r₂r₁r₂** yefka-d isalayen-a : Ar₁r₂ur₃, R₁ar₂r₃.

Ma d imyagen-a : Beĥbeĥ, Ćenĉen, Degdeg, ferfer, textex, neyney ur sĕin ara isem n unamek akmam.

✓ $r_1r_2r_3r_4$

	Amyag	Isem n unamek Akmam	Asaley
$r_1r_2r_3r_4$	Derbez Derwec	Aderbuz Tadarwict	$Ar_1r_2r_3ur_4$ (T) $ar_1ar_2r_3ir_4(t)$

Tagrayt :Asaley $r_1r_2r_3r_4$, yefka-d isalayen : $Ar_1r_2r_3ur_4$, (T) $ar_1ar_2r_3ir_4(t)$.Ma d imyagen : Behdel, Berqec, Celqef, Heckel, Gerfel, Jelkeđ, yerbel, Selqef, Tembel, Deryel
ur sEin ara isem n unamek akmam.✓ $r_1ur_2r_3$

	Amyag	Isem n unamek akmam	Asaley
$r_1ur_2r_3$	Buyer	Tibuyarin	$Tir_1ur_2ar_3ir_4$

Tagrayt :Asaley-agi : $r_1ur_2r_3$ yefka-d asaley-a : $Tir_1ur_2ar_3ir_4$.

Ma d imyagen-a: Gujel, Suget ur sEin ara isem n unamek akmam.

✓ r_1R_2i

	Amyag	Isem n unamek akmam	Asaley
r_1R_2i	Beqqi Rebbi	Lbaqi Irebbi	Lr_1ar_2i Ir_1R_2i

Tagrayt :Asaley r_1R_2i , yefka-d isalayen: Lr_1ar_2i , Ir_1R_2i

Ma d imyagen: Berri, yenni, xetti, Tekki ur sEin ara isem n unamek akmam.

Gar tamawt:

Llan kra n yisalayen, imyagen-nsen ur sEïn ara isem n unamek akmam : r_1r_2 , $r_1r_2r_1r_3$, $r_1ur_2r_3i$, $r_1uR_2r_3$, $r_1r_2r_3i$, $r_1uR_2r_2$, $r_1uR_2r_3$, $r_1r_2ir_3$, Ar_1u , $r_1ar_2r_3$, R_1r_2 , r_1ar_2i , Ar_1r_2 , $r_1ur_2r_3$, $r_1r_2r_3r_3$, r_1r_2i , r_1r_2u , $r_1ur_2r_3r_4$, $r_1ir_2r_3$, r_1r_2 , $r_1ir_2r_3$, Ir_1ir_2 , $r_1r_2ur_3r_4$, $Ir_1r_2ir_2$.

Ireṭṭalen:

Ireṭṭalen n yisem n Tigawt:

✓ $r_1r_2r_3$

	Awal Aretṭal	Isem n tigawt-is	Asaley-is
	BleE	AblaE	$Ar_1r_2r_3$
	DmeE	ṬṭmeE	$R_1r_2r_3$
	XdeE	LexdeE	$Lr_1r_2r_3$
	Xdem	Lxedma	$Lr_1r_2r_3a$

$r_1r_2r_3$	Xḍeb	Lexḍubegga	$Lr_1r_2ur_3R_{4a}$
	Xleq	Axlaq	$Ar_1r_2ar_3$
	ZreḒ	AzraḒ	$Ar_1r_2ar_3$
	Ḓceq	AḒcaq	$Ar_1r_2ar_3$
	Ḓdem	AḒdam	$Ar_1r_2ar_3$
	Ḓlef	AḒlaf	$Ar_1r_2ar_3$
	Ḓwej	AḒwaj	$Ar_1r_2ar_3$
	Ḓbes	LḒbes	$Lr_1r_2r_3$
	Ḓjeb	AḒjab	$Ar_1r_2ar_3$
	Ḓkem	AḒkam	$Ar_1r_2ar_3$
	Ḓzen	AḒzan	$Ar_1r_2ar_3$
	JmeḒ	AjmaḒ	$Ar_1r_2ar_3$
	Jreḥ	Ajraḥ	$Ar_1r_2ar_3$
	Ḓret	AḒrat	$Ar_1r_2ar_3$
	Ḓleḍ	AḒlaḍ	$Ar_1r_2ar_3$
	Ḓreq	AḒraq	$Ar_1r_2ar_3$
	Ḓsel	AḒsal	$Ar_1r_2ar_3$
	Ḓleb	AḒlab	$Ar_1r_2ar_3$
	Fhem	Afham	$Ar_1r_2ar_3$
	Fsed	Afsad	$Ar_1r_2ar_3$
Freḥ	Lferḥ	$Lr_1r_2r_3$	

Tagrayt :

Deg usalay-agi $r_1r_2r_3$ nsufey-d 06 n yisalayen : $Ar_1r_2r_3$, $R_1r_2r_3$, $Lr_1r_2r_3$, $Lr_1r_2r_3a$, $Lr_1r_2ur_3R_{4a}$, $Ar_1r_2ar_3$.

✓ $r_1R_2r_3$

	Awal Aretṭal	Isem n tigawt-is	Asaley-is
$r_1R_2r_3$	Behḥet	Abehḥet	$Ar_1R_2r_3$

	Xebber	Axebber	$Ar_1R_2r_3$
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Tagrayt :

Deg usalay-a $r_1R_2r_3$ nufa-d yiwen n usalay : $Ar_1R_2r_3$.

✓ r_1ir_2

	Awal Arettal	Isem n tigawt-is	Asaley-is
r_1ir_2	Xid	Lexyađa	$Lr_1r_2ar_3a$

Tagrayt :

Deg usalay r_1ir_2 nufa-d asalay-a : $Lr_1r_2ar_3a$.

✓ r_1r_2u

	Awal Arettal	Isem n tigawt-is	Asaley-is
r_1r_2u	ynu	Leyni	Lr_1r_2i

Tagrayt :

Deg usalay-a r_1r_2u nufa-d asalay-a : Lr_1r_2i .

✓ $r_1ar_2r_3$

	Awal Arettal	Isem n tigawt-is	Asaley-is
$r_1ar_2r_3$	Kacef	Akacef	$Ar_1ar_2r_3$
	CafeÉ	AcafeÉ	$Ar_1ar_2r_3$

Tagrayt :Deg usalay-a $r_1ar_2r_3$ nufa-d asalay-a : $Ar_1ar_2r_3$.✓ r_1ar_2i

	Awal Arettal	Isem n tigawt-is	Asaley-is
r_1ar_2i	Dawi	Adawi	Ar_1ar_2i

Tagrayt :Asalay r_1ar_2i yefka-d asalay Ar_1ar_2i .✓ $r_1ir_2r_3$

	Awal Arettal	Isem n Tigawt-is	Asaley-is
$r_1ir_2r_3$	Éiwen	AÉiwen	$Ar_1ir_2r_3$

Tagrayt :Asalay $r_1ir_2r_3i$ yefka-d asalay $Ar_1ir_2r_3$.✓ $r_1ir_2r_3i$

	Awal Arettal	Isem n Tigawt-is	Asaley-is
$r_1ir_2r_3i$	Cihwi	Lemcihwat	$Lr_1r_2ir_3r_4at$

Tagrayt :Deg usalay-a $r_1ir_2r_3i$ nufa-d asalay-a : $Lr_1r_2ir_3r_4at$.

✓ $\mathbf{Ir_1r_2ir_2}$

	Awal Arettal	Isem n tigawt-is	Asaley-is
$\mathbf{Ir_1r_2ir_2}$	Ixfif	Lexffa	Lr_1R_2a

Tagrayt :Asalay-a $\mathbf{Ir_1r_2ir_2}$ yefka-d asalay-a : Lr_1R_2a .

Iretṭalen n yisem n Umigaw:

✓ $r_1r_2r_3$

	Awal Iretṭal	Isem n Umigaw	Asaley-is
$r_1r_2r_3$	BleḒ	AmseblaḒ	$Amr_1r_3ar_3$
	ḌmeḒ	TṭameḒ	$R_1ar_2r_3$
	Xdem	Axeddam	$Ar_1R_2ar_3$
	Xḍeb	Anexḍab	$Ar_1r_2r_3ar_4$
	Xleq	Axellaq	$Ar_1R_2ar_3$
	Ḓceq	AmḒcaq	$Amr_1r_2ar_3$
	Ḓdem	LmaḒdum	$Lr_1ar_2r_3ur_4$
	Ḓbes	AmeḒbus	$Amr_1r_2ur_3$
	Ḓjeb	AneḒjub	$Anr_1r_2ur_3$
	Ḓkem	AneḒkum	$Anr_1r_2ur_3$
	Ḓzen	AmeḒzun	$Amr_1r_2ur_3$
	JreḒ	AmejruḒ	$Amr_1r_2ur_3$
	Ḓṛet	AḒerrat	$Ar_1R_2ar_3$
	Kfeṛ	Amekfuṛ	$Amr_1r_2ur_3$
	Nfeq	Amnafaq	$Amr_1ar_2ar_3$
	Yben	Ameybun	$Amr_1r_2ur_3$
	Yleḍ	Lyaleṭ	$Lr_1ar_2r_3$
	Yreq	Ayerraq	$Ar_1R_2ar_3$
	QbeḒ	UqbiḒ	$Ur_1r_2ir_3$
	Sbey	Asebbay	$Ar_1R_2ar_3$
	Skeṛ	Asekran	$Ar_1r_2r_3ar_4$
	Ḍleb	Aneḍlab	$Anr_1r_2ar_3$
	Creḍ	Amecraḍ	$Amr_1r_2ar_3$
	ḌḒef	AmeḍḒaf	$Amr_1r_2ar_3$
	Fhem	Afehham	$Ar_1R_2ar_3$
	Fsed	Imsefsed	$Imr_1r_2r_3$
	Hbel	Ameḥbul	$Amr_1r_2ur_3$
	Ḓqer	AḒeqqar	$Ar_1R_2ar_3$

	Tbaε	Imsetbaε	Imsr ₁ r ₂ ar ₃
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Tagrayt :

Deg usalay-a **r₁r₂r₃** nufa-d 18 yisalayen : Amsr₁r₂ar₃, R₁ar₂r₃, Ar₁R₂ar₃, Ar₁r₂r₃ar₄, Amar₁r₂ar₃, Lr₁ar₂r₃ur₄, Amr₁r₂ur₃, Anr₁r₂ur₃, Amr₁ar₂ar₃, Lr₁ar₂r₃, Ur₁r₂ir₃, Ar₁R₂ar₃, Ar₁r₂r₃ar₄, Anr₁r₂ar₃, Amr₁r₂ar₃, Imsr₁r₂r₃, AmR₁ur₂, Imsr₁r₂ar₃.

✓ **r₁R₂r₃**

	Awal Arettal	Isem n Umigaw	Asaley-is
r₁R₂r₃	Ferrej	Imferrej	Imr ₁ R ₂ r ₃
	Feşşel	Imfeşşel	Imr ₁ R ₂ r ₃
	Jerreb	Imjerreb	Imr ₁ R ₂ r ₃
	Kebber	Imkebbber	Imr ₁ R ₂ r ₃
	Sellek	Imselek	Imr ₁ R ₂ r ₃
	Beccer	Abcir	Ar ₁ r ₂ ir ₃
	Xebber	Imxebbar	Imr ₁ R ₂ ar ₃
	Semmeḥ	Amsameḥ	Amr ₁ ar ₂ r ₃
	Tebbet	Amtebbet	Amr ₁ R ₂ r ₃
	Nebbeh	Imnebeh	Imr ₁ r ₂ r ₃

Tagrayt :

Asalay-a **r₁R₂r₃** yefka-d 05 n yisalayen : Imr₁R₂r₃, Ar₁r₂ir₃, Imr₁R₂ar₃, Amr₁R₂ar₃, Imr₁r₂r₃.

✓ **r₁ur₂**

	Awal Arettal	Isem n Umigaw	Asaley-is
r₁ur₂	Cuk	Imcekki	Imr ₁ R ₂ i
	Cum	Amcummu	Amr ₁ uR ₂ u

Tagrayt :

Asalay-a **r₁ur₂** yefka-d 02 n yisalayen: Imr₁R₂i, Amr₁ur₂u.

✓ r_1ir_2

	Awal Aretṭal	Isem n Umigaw	Asaley-is
r_1ir_2	Xiḍ	Axeggad	$Ar_1R_2ar_3$

Tagrayt :Asalay-a r_1ir_2 yefka-d asalay-a : $Ar_1R_2ar_3$.✓ r_1r_2u

	Awal Aretṭal	Isem n Umigaw	Asaley-is
R_1r_2u	Nfu ynu	Imenfi Lyani	Imr_1r_2i Lr_1ar_2i

Tagrayt :Asalay-a R_1r_2u yefka-d : Imr_1r_2i, Lr_1ar_2i .✓ $r_1ir_2r_3i$

	Awal Aretṭal	Isem n Umigaw	Asaley-is
$r_1ir_2r_3i$	Cihwi	Amcihwi	$Amr_1ir_2r_3i$

Tagrayt :Asalay-a $r_1ir_2r_3i$ yefka-d : $Amr_1ir_2r_3i$.✓ r_1ar_2i

	Awal Aretṭal	Isem n Umigaw	Asaley-is
r_1ar_2i	Dawi	Amdawi	Amr_1ar_2i

Tagrayt :

Asalay-a r_1ar_2i yefka-d asalay: Amr_1ar_2i .

✓ $r_1r_2ir_3$

	Awal Aretṭal	Isem n Umigaw	Asaley-is
$r_1r_2ir_3$	Ktil	Akeyyal	$Ar_1R_2ar_3$

Tagrayt :

Asalay-a $r_1r_2ir_3$ yefka-d asalay : $Ar_1R_2ar_3$.

✓ $r_1ar_2r_3$

	Awal Aretṭal	Isem n Umigaw	Asaley-is
$r_1ar_2r_3$	Wafeq Fareq Yafer Qabel	Amwafeq Amfareq Amyafer Amqabel	$Amr_1ar_2r_3$ $Amr_1ar_2r_3$ $Amr_1ar_2r_3$ $Amr_1ar_2r_3$

Tagrayt :

Asalay-a $r_1ar_2r_3$ yefka-d asalay : $Amr_1ar_2r_3$.

Iređđalen n yisem n wallal :

✓ R_1r_2

	Awalen iređđalen	Isem n wallal	Asaley-is
R_1r_2	ZreE	ZzerriEa	$R_1R_2ir_3a$
	Elef	LeElef	$Lr_1r_2r_3$
	Lseq	Lesqa	Lr_1r_2a

Tagrayt :

Asalay-a R_1r_2 yefka-d 03 n yisalayen : $R_1R_2ir_3a$, $Lr_1r_2r_3$, Lr_1r_2a .✓ $r_1ar_2r_3$

	Awalen Iređđalen	Isem n Wallal	Asaley-is
$r_1ar_2r_3$	CafeE	CafuEa	$r_1ar_2ur_3a$

Tagrayt :

Asalay-a $r_1ar_2r_3$ yefka-d yiwen n usalay : $r_1ar_2ur_3a$.✓ r_1ar_2i

	Awal Aretđtal	Isem n wallal	Asaley-is
r_1ar_2i	Dawi	Ddwa	R_1r_2a

Tagrayt :

Asalay-a r_1ar_2i yefka-d asalay : R_1r_2a .

Iređđalen n yisem n unamek akmam :✓ $r_1r_2r_3$

	Awal Aređđal	Anamek Akmam	Asalay-is
$r_1r_2r_3$	Zreε	Azraraε	$Ar_1r_2ar_2ar_3$
	Hbes	Lmaħbes	$Lr_1ar_2r_3r_4$
	Hjeb	Leħjub	$Lr_1r_2ur_3$
	Jmeε	Ljamε	$Lr_1ar_2r_3$
	Hret	ħartadem	$r_1ar_2r_3ar_4r_5$

Tagrayt :Asalay-a $r_1r_2r_3$ yefka-d 05 n yisalayen : $Ar_1r_2ar_2ar_3$, $Lr_1ar_2r_3r_4$, $Lr_1r_2ur_3$, $Lr_1ar_2r_3$, $r_1ar_2r_3ar_4r_5$.✓ r_1uR_2

	Awal Aređđal	Anamek Akmam	Asalay-is
r_1uR_2	Đurř	Lemđerřa	$Lr_1r_2R_3$

Tagrayt :Asalay-a r_1uR_2 yefka-d asalay : $Lr_1r_2R_3$.✓ $r_1R_2r_3$

	Awal Aređđal	Anamek akmam	Asalay-is
$r_1R_2r_3$	Beħhet	Lbaħt	$Lr_1ar_2r_3$
	Ferřej	Lfarja	$Lr_1ar_2r_3a$
	Feşşel	Lmeřsel	$Lr_1r_2r_3r_4$
	Đerřef	Ťterř	$R_1r_2r_3$
	yebber	Leybar	$Lr_1r_2ar_3$

Tagrayt :

Asalay-a $r_1R_2r_3$ yefka-d 05 n yisalayen : $Lr_1ar_2r_3$, $Lr_1ar_2r_3a$, $Lr_1r_2r_3r_4$, $R_1r_2r_3$, $Lr_1r_3ar_3$.

✓ $r_1ir_2r_3i$

	Awal Arettal	Anamek Akmam	Asalay-is
$r_1ir_2r_3i$	Cihwi	Cehwa	$r_1r_2r_3a$

Tagrayt :

Asalay-a $r_1ir_2r_3i$ yefka-d asalay-a: $r_1r_2r_3a$.

Tagrayt n yixef wis II :

Yer tagara n yixef-agi wis II, nessawed nexdem tasleđt i wammud-ntey, nekkes-d isalayen n yisem n tigawt, n yisem n umigaw, n yisem n walla d yisem n unamek akmam, ama i wawalen n tmaziyt ama i wawalen iřeđalen.

Yal asaley nenne-d isaleyen iy-d-yefka.

Imedyaten :

✓ Isem n tigawt :

-r₁r₂r₃

→Ar₁r₂ar₃ (Agzar)

→(T)ar₁r₂ar₃(t) (tanhart)

✓ Isem n umigaw :

-r₁R₂r₃

→Imr₁R₂r₃ (Imferrej)

→Amr₁R₂r₃ (Amcelleh)

✓ Isem n wallal :

-R₁r₂

→(T)ar₁aR₂ar₃(t) (Tafarrast)

→Ar₁r₂ir₃ (Agris)

✓ Isem n unamek akmam :

-r₁r₂u

→r₁r₂r₃a (Lehfafa)

→(T)ir₁r₂a(t) (Tifrat)

Tagrayt tamatut

Tagrayt Tamatut

Tagrayt

Deg uxeddin-agi ntey nekked-d amgired yellan gar usaley n yimyagen isuddimen d wid n yismawen n tigawt, n umigaw, n wallal, n unamek akmam.

Ma neṭṭef ismawen n tigawt ad d-naf ttwaxedmen s tmerna n teyra(A) di tazwara akked kra n ubeddel yeḤnan tayayimt n usuddem (amyag).

Amedya :

-BleḤ→AbleḤ

-Gres→Agras

-Gzer→Agzar

Ma d isem n umigaw tugett-is yella s tmerna n (am) di tazwara.

Amedya:

-Gani→Amgani

-Kacef→Amkacef

-Aru→Amaru

Isalayen id-yufraren deg wammud-ntey d $r_1r_2r_3$ akked $r_1R_2r_3$ s (41,28).

Nufa-d d akken asaley n tyayimt umyig yezmer ad ay-d-yefk ugar n yisalayen n yisem n tigawt.

Amedya:

Deg usaley (r_1r_2u), yefka-ay-d isalayen:

1. ar_1r_2u (Abdu)

2. r_1R_2u (Beṭṭu)

3. $Ar_1r_2r_1i$ (Anerni)

Isem n umigaw tugett udsen s tmerna n (Am, Ims)

Amedya:

1. $r_1r_2r_1r_2$ (Imbeḥbeḥ)

2. r_1r_2u (Acennay)

Tagrayt Tamatut

3. $r_1r_2r_3r_4$ (Imsgarfel)

Ma d ayen yeEnan isem n wallal d yisem n unamek akmam atas n yimyagen ur sEin ara isem n wallal d unamek akmam.

Di kran iberdan isem n umigaw d yisem n unamek akmam d yiwen

Amedya:

Zdey

Amezdey (Isem n umigaw)

Amezduy (Isem n unamek akmam)

Agmuḍ uyur nessawed deg tezrawt-agi-ntey: Ulac assay ger usaley n tyayimt n usuddem d usaley n usuddim-ines, yiwen n usaley yezmer ad d-yefk atas n yisuddimen.

Amedya:

$r_1r_2r_3$ yefka-d:

$Ar_1r_2r_3$ (Abrad)

(t) $ar_1r_2r_3$ (tamegra).

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Timerna

Ammud

Azar	Asuddim	Asaley	Isem n tigawt	Asaley	Isem n umigaw	Asaley	Isem n wallal	Asaley	Anamek Akmam	Asaley
B	Sbib	Sr ₁ ir ₂	Abebbi	Ar ₁ R ₂ i	Ambibbi	Amr ₁ iR ₂ i	–	–	–	–
B	Ssebb ^w	SseR ₁ ^w	Asebbi	Ar ₁ R ₂ i	Amsebb ^w i	Amr ₁ R ₂ wi	–	–	–	–
BCR	Mbeccar	Mr ₁ r ₂ r ₃	Abeccer	Ar ₁ R ₂ r ₃	Abcir	Ar ₁ r ₂ ir ₃	Ttebcira	Ttr ₁ r ₂ ir ₃ a	–	–
BD	Sbedd	Sr ₁ r ₂	Ibeddi	Ir ₁ R ₂ i	Imsebeddi	Imsr ₁ R ₂ i	–	–	–	–
BD	Mbudd	Mr ₁ ur ₂	Abuddu	Ar ₁ uR ₂ u	Ambuddu	Amr ₁ uR ₂ u	–	–	–	–
BD	Msebdu	Msr ₁ r ₂ u	Abdu	Ar ₁ r ₂ u	Amsebdu	Amr ₁ ur ₂ u	–	–	–	–
BDL	Mbaddal	Mr ₁ R ₂ ar ₃	Abeddel	Ar ₁ R ₂ r ₃	Ameddel	Amr ₁ R ₂ r ₃	Abdil	Ar ₁ r ₂ ir ₃	–	–
BDR	Msebder	Msr ₁ r ₂ r ₃	Abdar	Ar ₁ r ₂ ar ₃	Amsebder	Amsr ₂ r ₂ r ₃	–	–	–	–
BĐ	Msebđu	Msr ₁ r ₂ u	Beđu	r ₁ R ₂ u	Amsebđu	Amsr ₁ r ₂ u	–	–	–	–
BĐN	Mbađan	Mr ₁ ar ₂ ar ₃	Abađen	Ar ₁ ar ₂ r ₃	Ambađen	Amr ₁ ar ₂ r ₃	–	–	Lebađna	r ₁ r ₂ ar ₃ r ₄ a
BGS	Ssebgas	Ssr ₁ r ₂ r ₃	Abgas	Ar ₁ r ₂ ar ₃	Ambgas	Amr ₁ r ₂ r ₃	Asebgas	Ar ₁ r ₂ r ₃ r ₄	Agus	Ar ₁ ur ₂
BHDL	Sbehdel	Sr ₁ r ₂ r ₃ r ₄	Abehdel	Ar ₁ r ₂ r ₃ r ₄	Imbehdel	Imr ₁ r ₂ r ₃ r ₄	–	–	–	–
BHBL	Sbehbel	Sr ₁ r ₂ r ₃ r ₄	Abehbel	Ar ₁ r ₂ r ₃ r ₄	Imbehbel	Imr ₁ r ₂ r ₃ r ₄	–	–	–	–
BĤ	Sbeĥbeĥ	Sr ₁ r ₂ r ₁ r ₂	Abeĥbeĥ	Ar ₁ r ₂ r ₁ r ₂	Abeĥbaĥ	Ar ₁ r ₂ ar ₁ r ₂	–	–	–	–
BĤR	Sbuĥru	Sr ₁ ur ₂ r ₃ u	Abuĥru	Ar ₁ ur ₂ r ₃ u	Amsebuĥru	Amsr ₁ r ₂ r ₃ u	Tasebuĥrut	Tar ₁ r ₂ ur ₃ r ₄ ut	Abeĥri	Ar ₁ r ₂ r ₃ i

BĤT	Ttubeĥhet	Ttur ₁ R ₂ r ₃	Abeĥhet	Ar ₁ R ₂ r ₃	Ambeĥhat	Amr ₁ R ₂ ar ₃	–	–	Lbeĥt	r ₁ r ₂ r ₃ r ₄
BLĔ	TwableĔ	Twar ₁ r ₂ r ₃	AblaĔ	Ar ₁ r ₂ r ₃	AmseblaĔ	Amsr ₁ r ₂ ar ₃	–	–	–	–
ByR	Sbuyeř	Sr ₁ ur ₂ r ₃	Asbuyeř	Ar ₁ r ₂ ur ₃ r ₄	Imesbuyeř	Imesr ₁ ur ₂ r ₃	–	–	Tibuyarin	Tir ₁ ur ₂ ar ₃ in
BQ	Mbeqqi	Mr ₁ R ₂ i	Abeqqi	Ar ₁ R ₂ i	Ambeqqi	Amr ₁ R ₂ i	–	–	Lbaqi	R ₁ r ₂ ar ₃ i
BR	Mberri	Mr ₁ R ₂ i	Aberri	Ar ₁ R ₂ i	Amberri	Amr ₁ R ₂ i	–	–	–	–
BRD	Ssebred	Ssr ₁ r ₂ r ₃	Abred	Ar ₁ r ₂ r ₃	Amsebred	Amsr ₁ r ₂ r ₃	Lmebred	R ₁ r ₂ r ₃ r ₄ r ₅	–	–
BRĤ	Sbrıřeĥ	Sr ₁ r ₂ r ₃	Abřıřeĥ	Ar ₁ r ₂ ir ₃ r ₄	Imbřıřeĥ	Imr ₁ r ₂ r ₃ r ₄	–	–	Abřaĥ	Ar ₁ r ₂ ar ₃
BRK	Ssebrek	Ssr ₁ r ₂ r ₃	Abrak	Ar ₁ r ₂ ar ₃	–	–	–	–	Buberrak	r ₁ ur ₂ R ₃ ar ₄
BRQC	Sberqec	Sr ₁ r ₂ r ₃ r ₄	Aberqec	Ar ₁ r ₂ r ₃ r ₄	–	–	–	–	–	–
BRQL	Ssebrıuqel	Ssr ₁ r ₂ ur ₃ r ₄	Abruqel	Ar ₁ r ₂ ur ₃ r ₄	Imbruqel	Imr ₁ r ₂ ur ₃ r ₄	–	–	–	–
BZG	Ssebzeg	Ssr ₁ r ₂ r ₃	Abzeg	Ar ₁ r ₂ r ₃	Amzebzeg	Amr ₁ r ₂ r ₃ r ₄ r ₅	–	–	Abzag	Ar ₁ r ₂ ar ₃
CBK	Ttucebbek	Ttur ₁ R ₂ r ₃	Acebbek	Ar ₁ R ₂ r ₃	Amcebbak	Amr ₁ R ₂ ar ₃	Acebbak	Ar ₁ R ₂ ar ₃	–	–
CD	Cciced	Ccir ₁ r ₂	Uccuđ	UR ₁ ur ₂	–	–	–	–	Lecđuđ	r ₁ r ₂ r ₃ ur ₄
CF	Mcuff	Mr ₁ uR ₂	Acuffu	Ar ₁ uR ₂ u	Amcuffu	Amr ₁ uR ₂ u	–	–	–	–
CFĔ	McafaĔ	Mr ₁ ar ₂ ar ₃	AcafaĔ	Ar ₁ ar ₂ ar ₃	AmcafaĔ	Amr ₁ r ₂ r ₃	CafuĔa	R ₁ ar ₂ ur ₃ a	–	–

CHW	Mcuhwu	$Mr_1ur_2r_3u$	Lemcihwat	$r_1r_2r_3ir_4r_5at$	Amcihwi	$Amr_1ir_2r_3i$	–	–	Cahwa	$r_1ar_2r_3a$
CH	Mcuḥ	Mr_1ur_2	Cceḥḥa	r_1R_2	Imceḥḥi	Imr_1R_2i	–	–	–	–
CK	Mcuk	Mr_1ur_2	Acukku	Ar_1uR_2u	Amcukku	Amr_1uR_2u	Ccekk	R_1R_2	–	–
CKL	Mcekkal	$Mr_1R_2ar_3$	Acekkal	$Ar_1R_2ar_3$	Amcekkal	$Amr_1R_2r_3$	Tacekkalt	$Tar_1R_2ar_3t$	Cckal	$R_1r_2ar_3$
CLḤ	Mcellaḥ	$Mr_1R_2ar_3$	Acellaḥ	$Ar_1R_2ar_3$	Amcellaḥ	$Amr_1R_2ar_3$	Timcelleḥt	$Tir_1r_2R_3r_4t$	–	–
CLQF	Mcelqaf	$Mr_1r_2r_3ar_4$	Acelqef	$Ar_1r_2r_3r_4$	Amcelqef	$Amr_1r_2r_3r_4$	Alqaf	$Ar_1r_2ar_3$	–	–
CLX	Twaclex	$Twar_1r_2r_3$	Aclax	$Ar_1r_2ar_3$	–	–	–	–	Ameclux	$Ac_1r_2r_3ur_4$
CM	Mcum	Mr_1ur_2	Acumu	Ar_1ur_2	Amcumu	Amr_1ur_2u	Ccemma	R_1R_2a	Amcum	$Ar_1r_2ur_3$
CMT	Ttucemmet	$Ttur_1R_2r_3$	Acemmet	$Ar_1R_2r_3$	Amcemmet	$Amr_1R_2r_3$	–	–	Ccmata	$R_1r_2ar_3a$
CN	Myecnu	Myr_1r_2u	Cna	R_1r_2a	Acennay	$Ar_1R_2ar_3$	–	–	–	–
ČN	Sčenčen	$Sr_1r_2r_1r_2$	Ačenčen	$Ar_1r_2r_1r_2$	Imčenčen	$Imr_1r_2r_1r_2$	Tačenčunt	$Tar_1r_2r_1ur_2t$	–	–
CR	Mcir	Mr_1ir_2	–	–	Amcira	Amr_1ir_2	Licaṛa	$r_1ir_2ar_3a$	Ccira	R_1ir_2a
CRḌ	Myecraḍ	$Myr_1r_2ar_3$	Acraḍ	$Ar_1r_2ar_3$	Amceṛaḍ	$Amr_1r_2ar_3$	–	–	Ticṛeṭṭ	$Tir_1r_2R_3$
CWR	Mcawar	$Mr_1ar_2ar_3$	Aciweṛ	$Ar_1ir_2r_3$	Amciweṛ	$Amr_1r_2ir_3r_4$	–	–	Amecewar	$Ar_1r_2r_3ar_4$
DBZ	Mdebbaz	$Mr_1R_2ar_3$	Adebbez	$Ar_1R_2r_3$	Amdebbez	$Amr_1R_2r_3$	Tadebbuzt	$Tar_1R_2ur_3t$	Ddebza	$R_1r_2r_3a$
DG	Sdegdeg	$Sr_1r_2r_1r_2$	Asdegdeg	$Asr_1r_2r_1r_2$	Imsdegdeg	$Imsr_1r_2r_1r_2$	–	–	–	–

DFL	Ssedyel	Ssr ₁ r ₂ r ₃	Adyal	Ar ₁ r ₂ ar ₃	Amedyul	Amr ₁ r ₂ ur ₃	–	–	–	–
DRBZ	Sderbez	Sr ₁ r ₂ r ₃ r ₄	Aderbez	Ar ₁ r ₂ r ₃ r ₄	Anderbez	Amr ₁ r ₂ r ₃ r ₄	–	–	Adarbuz	Ar ₁ ar ₂ r ₃ ur ₄
DRZ	Sderdez	Sr ₁ r ₂ r ₃ r ₄	Dderz	R ₁ r ₂ r ₃	Amsderdez	Amsr ₁ r ₂ r ₃ r ₄	–	–	–	–
DRFL	Sderyel	Sr ₁ r ₂ r ₃ r ₄	Tideryelt	Tir ₁ r ₂ r ₃ r ₄ t	Aderyal	Ar ₁ r ₂ r ₃ ar ₄	–	–	–	–
DRWC	Sderwec	Sr ₁ r ₂ r ₃ r ₄	Tiderwect	Tir ₁ r ₂ r ₃ r ₄ t	Adarwic	Ar ₁ ar ₂ r ₃ ir ₄	–	–	Tadarwict	Tar ₁ ar ₂ r ₃ ir ₄ t
DR	Sdari	Sr ₁ ar ₂ i	Adari	Ar ₁ ar ₂ i	Amsdari	Amsr ₁ ar ₂ i	–	–	–	–
DW	Ttudawi	Ttur ₁ ar ₂ i	Adawi	Ar ₁ ar ₂ i	Amdawi	Amr ₁ ar ₂ i	Tasdarit	Tar ₁ r ₂ ar ₃ it	–	–
DYQ	Ssedyaq	Ssr ₁ r ₂ r ₃	Adyaq	Ar ₁ r ₂ ar ₃	Imdyaq	Imr ₁ r ₂ ar ₃	Ddwa	R ₁ r ₂ a	Ddiq	R ₁ ir ₂
DZ	Twaddez	TwaR ₁ r ₂	Tuddza	TuR ₁ r ₂ a	Amaddaz	AmaR ₁ ar ₂	–	–	–	–
DBZ	Ttuḍebber	Ttur ₁ R ₂ r ₃	Aḍebbar	Ar ₁ R ₂ ar ₃	Imḍebber	Imr ₁ R ₂ r ₃	Azduz	Ar ₁ r ₂ ur ₃	–	–
ḐBX	Mḍabax	Mr ₁ ar ₂ ar ₃	Aḍbax	Ar ₁ r ₂ ar ₃	Aḍebbax	Ar ₁ R ₂ ar ₃	Taḍebbaxt	Tar ₁ R ₂ ar ₃ t	–	–
DGR	Mḍeggaṛ	Mr ₁ R ₂ ar ₃	Aḍeggaṛ	Ar ₁ R ₂ ar ₃	Amḍeggeṛ	Amr ₁ R ₂ r ₃	–	–	–	–
ḐGE	MḍeggaḒ	Mr ¹ R ₂ ar ₃	AḍeggaḒ	Ar ₁ R ₂ ar ₃	AmḍeggeḒ	Amr ₁ R ₂ r ₃	–	–	–	–
ḐM	Ttuḍum	Ttur ₁ ur ₂	Aḍummu	Ar ₁ uR ₂ u	Amḍummu	Amr ₁ uR ₂ u	–	–	Iḍumman	Ir ₁ R ₂ ar ₃
ḐN	Msiḍen	Msir ₁ r ₂ r ₃	Aḥan	Ar ₁ ar ₂	Amuḍin	Amur ₁ ir ₂	–	–	–	–
ḐR	Mḍurṛ	Mr ₁ ur ₂	Aḍurṛu	Ar ₁ uR ₂ u	Amḍurṛu	Amr ₁ uR ₂ u	–	–	Lemḍarṛa	r ₁ r ₂ r ₃ aR ₄ a

DRF	Ttuđarref	Ttur ₁ aR ₂ r ₃	Ađraf	Ar ₁ r ₂ ar ₃	Amđarfu	Amr ₁ ar ₂ r ₃ u	–	–	Ttarf	R ₁ ar ₂ r ₃
DS	Ssedş	Ssr ₁ r ₂	Tađşa	Tar ₁ r ₂ a	Amşedşi	Amsr ₁ r ₂ i	–	–	–	–
ĐEF	Ssedεef	Ssr ₁ r ₂ r ₃	Ađεaf	Ar ₁ r ₂ ar ₃	Amđeεafu	Amr ₁ r ₂ ar ₃ u	–	–	–	–
NFC	Nnefcec	Nnr ₁ r ₂ r ₃	Anefcec	Anr ₁ r ₂ r ₃	Imfeccec	Imr ₁ R ₂ r ₃	Tnefcic	Ttr ₁ r ₂ r ₃ ir ₄	–	–
FDX	Mfeddax	Mr ₁ R ₂ ar ₃	Afeddax	Ar ₁ R ₂ r ₃	Amfeddex	Amr ₁ R ₂ r ₃	–	–	Afeddix	Ar ₁ R ₂ ir ₃
FG	Sriffeg	Sr ₁ iR ₂ r ₃	Asriffeg	Asr ₁ iR ₂ r ₃	Imsriffeg	Imsr ₁ iR ₂ r ₃	–	–	–	–
FGL	Ttufeggel	Ttur ₁ R ₂ r ₃	Afeggel	Ar ₁ R ₂ r ₃	Imfeggel	Imr ₁ R ₂ r ₃	–	–	–	–
FHM	Ssefhem	Ssr ₁ r ₂ r ₃	Lefhama	Lr ₁ r ₂ ar ₃ a	Afehham	Ar ₁ R ₂ ar ₃	–	–	Lfahem	r ₁ r ₂ ar ₃ r ₄
FHR	Sfuhri	Sr ₁ ur ₂ r ₃ i	Afuhri	Ar ₁ ur ₂ r ₃ i	–	–	–	–	–	–
FĤM	Ssefĥem	Ssr ₁ r ₂ r ₃	Afĥam	Ar ₁ r ₂ ar ₃	Afeĥĥam	Ar ₁ R ₁ ar ₃	Lefĥem	R ₁ r ₂ r ₃ r ₄	–	–
FL	Myeflu	Myr ₁ r ₂ u	Fellu	r ₁ R ₂ u	–	–	–	–	Tifli	Tir ₁ r ₂ i
FLĤ	Sfulleĥ	Sr ₁ uR ₂ r ₃	Tafellaĥt	Tar ₁ R ₂ ar ₃ t	Afellaĥ	Ar ₁ R ₂ ar ₃	–	–	–	–
FTN	Sfeynen	Sr ₁ r ₂ r ₃ r ₄	Tifeynent	Tir ₁ r ₂ r ₃ r ₄ t	Afaynan	Ar ₁ ar ₂ r ₃ ar ₄	–	–	–	–
FQD	Ssefqed	Ssr ₁ r ₂ r ₃	Asfqed	Asr ₁ r ₂ r ₃	Amsefqed	Amsr ₁ r ₂ r ₃	–	–	–	–
FR	Sferfer	Sr ₁ r ₂ r ₁ r ₂	Aferfer	Ar ₁ r ₂ r ₁ r ₂	Imsefarfer	Imsr ₁ ar ₂ r ₁ r ₂	Tabusfarfart	Tar ₁ ur ₂ r ₃ ar ₄ r ₅ ar ₆ t	–	–
FR	Ssefru	Ssr ₁ r ₂ u	Asefru	Asr ₁ r ₂ u	Amsefru	Amsr ₁ r ₂ u	–	–	Tifrat	Tir ₁ r ₂ at

FRḤ	Msefraḥ	Msr ₁ r ₂ ar ₃	Lferḥ	r ₁ r ₂ r ₃ r ₄	Aferḥ	Ar ₁ R ₂ ar ₃	–	–	Taferrāḥt	Tar ₁ R ₂ ar ₃ t
FRJ	Mferḥaj	Mr ₁ R ₂ ar ₃	Aferḥej	Ar ₁ R ₂ r ₃	Amferḥej	Amr ₁ R ₂ r ₃	–	–	Lfarja	r ₁ r ₂ ar ₃ r ₄ a
FRQ	Mfareq	Mr ₁ ar ₂ r ₃	Afaraq	Ar ₁ ar ₂ ar ₃	Amfareq	Amr ₁ ar ₂ r ₃	–	–	Lefreq	r ₁ r ₂ r ₃ r ₄
FRS	Twifres	Twir ₁ r ₂ r ₃	Afras	Ar ₁ r ₂ ar ₃	–	–	Tafarrast	Tar ₁ aR ₂ ar ₃ t	Afrasen	Ar ₁ r ₂ ar ₃ r ₄
FRX	Ssefrurex	Ssr ₁ r ₂ ur ₁ r ₂	Afrurex	Ar ₁ r ₂ ur ₃ r ₄	Imsefrurex	Imsr ₁ r ₂ ur ₃ r ₄	–	–	Afrux	Ar ₁ r ₂ ur ₃
FSD	Ttwafsed	Ttwar ₁ r ₂ r ₃	Afsad	Ar ₁ r ₂ ar ₃	Amsefsed	Amsr ₁ r ₂ r ₃	–	–	Lfasad	r ₁ r ₂ ar ₃ ar ₄
FSX	Ssefsax	Ssr ₁ r ₂ ar ₃	Asefsax	Asr ₁ r ₂ ar ₃	–	–	–	–	Lfasux	r ₁ r ₂ ar ₃ ur ₄
FS	Msefsi	Msr ₁ r ₂ i	Afsay	Ar ₁ r ₂ ar ₃	Amsefsi	Amsr ₁ r ₂ i	–	–	–	–
FŞL	Ttufeşşel	Ttur ₁ R ₂ r ₃	Afeşşel	Ar ₁ R ₂ r ₃	Amfeşşel	Amr ₁ R ₂ r ₃	–	–	Lmefşel	R ₁ r ₂ r ₃ r ₄ r ₅
FTS	Sseftutes	Ssr ₁ r ₂ ur ₃ r ₄	Aftutes	Ar ₁ r ₂ ur ₃ r ₄	–	–	–	–	Taftatast	Tar ₁ r ₂ ar ₃ ar ₄ t
GJL	Sgujel	Sr ₁ ur ₂ r ₃	Tiggujelt	TiR ₂ ur ₂ r ₃ t	Agujil	Ar ₁ ur ₂ ir ₃	–	–	–	–
GL	Mseglu	Msr ₁ r ₂ u	Aseglu	Asr ₁ r ₂ u	Amseglu	Amsr ₁ r ₂ r ₃ u	Tasaglut	Tar ₁ ar ₂ r ₃ ut	Taseglut	Tar ₁ r ₂ r ₃ ut
GM	Sgugem	Sr ₁ ur ₁ r ₂	Tiggugemt	TiR ₁ ur ₁ r ₂ t	Agugam	Ar ₁ ur ₁ ar ₂	–	–	–	–
GM	Sgem	Sr ₁ r ₂	Asgam	Asr ₁ ar ₂	Isegmi	Isr ₁ r ₂ i	–	–	Tigemmi	Tir ₁ R ₂ i
GN	Mmesgen	Mmr ₁ r ₂ r ₃	Taguni	Tar ₁ ur ₂ i	Amgun	Amr ₁ ur ₂	Asgen	Ar ₁ r ₂ r ₃	Asggan	Ar ₁ R ₂ ar ₃
GN	Ssegnu	Ssr ₁ r ₂ u	Gnu	R ₁ r ₂ u	Amsegnu	Amsr ₁ r ₂ u	Asegnu	Ar ₁ r ₂ r ₃ u	–	–

GN	Sgani	Sr ₁ ar ₂ i	Agani	Ar ₁ ar ₂ i	Amegani	Amr ₁ ar ₂ i	–	–	–	–
GRFL	Sgerfel	Sr ₁ r ₂ r ₃ r ₄	Asgerfel	Asr ₁ r ₂ r ₃ r ₄	Imsgerfel	Imsr ₁ r ₂ r ₃ r ₄	–	–	–	–
GRS	Twagres	Twar ₁ r ₂ r ₃	Agras	Ar ₁ r ₂ ar ₃	–	–	Agris	Ar ₁ r ₂ ir ₃	–	–
GT	Ssuget	Ssur ₁ r ₂	Asuget	Ar ₁ ur ₂ r ₃	Amsuget	Amr ₁ ur ₂ r ₃	–	–	–	–
GZR	Myegzar	Myr ₁ r ₂ ar ₃	Agzar	Ar ₁ r ₂ ar ₃	Agezzar	Ar ₁ R ₂ ar ₃	–	–	–	–
HBL	Mmuhbel	Mmur ₁ r ₂ r ₃	Timuhbelt	Tir ₁ ur ₂ r ₃ r ₄ t	Amehbul	Amr ₁ r ₂ ur ₃	–	–	–	–
HC	Twahucc	Twar ₁ uR ₂	Ahuccu	Ar ₁ uR ₂ u	Amhuccu	Amr ₁ uR ₂ u	–	–	–	–
HDR	Myehdar	Myr ₁ r ₂ ar ₃	Ahdar	Ar ₁ r ₂ ar ₃	–	–	Lehdur	R ₁ r ₂ r ₃ ur ₄	–	–
HLK	Nnehlak	Nnr ₁ r ₂ ar ₃	Lehlak	Lr ₁ r ₂ ar ₃	Amehlak	Amr ₁ r ₂ ar ₃	–	–	–	–
HM	Shumm	Sr ₁ uR ₂	Ahummu	Ar ₁ uR ₂ u	Amhummu	Amr ₁ uR ₂ u	–	–	–	–
HRW	Ssihrew	Ssir ₁ r ₂ r ₃	Tehri	Tr ₁ r ₂ i	–	–	–	–	Tahrawt	Tar ₁ r ₂ ar ₃ t
HB	Mhibb	Mr ₁ iR ₂	Lemhiba	Lr ₁ r ₂ ir ₃	Amhibbi	Amr ₁ iR ₂ i	–	–	–	–
HBS	Ttuħbes	Ttur ₁ r ₂ r ₃	Aħbas	Ar ₁ r ₂ ar ₃	Ameħbus	Amr ₁ r ₂ ur ₃	–	–	Lmeħbes	r ₁ r ₂ r ₃ r ₄ r ₅
HCKL	Şheckel	Sr ₁ r ₂ r ₃ r ₄	Aşheckel	Asr ₁ r ₂ r ₃ r ₄	–	–	Aħeckul	Ar ₁ r ₂ r ₃ ur ₄	–	–
HĐQ	Ssehđeq	Sser ₁ r ₂ r ₃	Leħdaqa	Lr ₁ r ₂ ar ₃ a	Ameħduq	Amr ₁ r ₂ ur ₃	–	–	–	–
HĐR	Msehđar	Msr ₁ r ₂ ar ₃	Ahder	Ar ₁ r ₂ r ₃	–	–	–	–	Lhedra	r ₁ r ₂ r ₃ r ₄ a

ḤDM	Ssehḍem	Ssr ₁ r ₂ r ₃	Aḥdam	Ar ₁ r ₂ ar ₃	Amsehḍem	Amsr ₁ r ₂ r ₃	–	–	–	–
ḤF	Ssehfu	Ssr ₁ r ₂ u	Asehfu	Asr ₁ r ₂ u	Imsehfu	Imsr ₁ r ₂ u	–	–	Leḥfa	r ₁ r ₂ r ₃ a
ḤJB	Ssehjeb	Ssr ₁ r ₂ r ₃	Leḥjubegga	R ₁ r ₂ r ₃ r ₃ Ra	Anehjub	Anr ₁ r ₂ ur ₃	Lḥijab	r ₁ r ₂ ir ₃ ar ₄	Leḥjub	r ₁ r ₂ r ₃ ur ₄
ḤKM	Myehkam	Myr ₁ r ₂ ar ₃	Leḥkem	R ₁ r ₂ r ₃ r ₄	Anehkum	Anr ₁ r ₂ ur ₃	–	–	–	–
ḤNT	Msehḥnat	Msr ₁ r ₂ ar ₃	Aḥnat	Ar ₁ r ₂ ar ₃	Uḥnit	Ur ₁ r ₂ ir ₃	–	–	–	–
ḤQR	Myehqar	Myr ₁ r ₂ ar ₃	Aḥqar	Ar ₁ r ₂ ar ₃	Aḥeqqar	Ar ₁ R ₂ ar ₃	–	–	–	–
ḤRC	Msehḥrac	Msr ₁ r ₂ ar ₃	Leḥraca	R ₁ r ₂ r ₃ ar ₄	Uḥric	Ur ₁ r ₂ ir ₃	–	–	Ameḥruc	Ar ₁ r ₂ r ₃ ur ₄
ḤRM	Shurrem	Sr ₁ uR ₂ r ₃	Ashurrem	Asr ₁ uR ₂ r ₃	–	–	Tineḥremt	Tir ₁ r ₂ r ₃ r ₄ t	–	–
ḤRT	Msehḥrat	Msr ₁ r ₂ ar ₃	Aḥrat	Ar ₁ r ₂ ar ₃	Aḥerrāt	Ar ₁ R ₂ ar ₃	–	–	ḥartadem	r ₁ ar ₂ r ₃ ar ₄ r ₅
ḌḤ	Msedḥi	Msr ₁ r ₂ i	Leḥya	R ₁ r ₂ r ₃ a	Amsedḥi	Amsr ₁ r ₂ i	–	–	–	–
ḤZN	Ssehzen	Ssr ₁ r ₂ r ₃	Leḥzen	R ₁ r ₂ r ₃ r ₄	Amḥzun	Amr ₁ r ₂ ur ₃	–	–	–	–
JB	Mjab	Mr ₁ ar ₂	Lijab	R ₁ ir ₂ ar ₃	Amjab	Amr ₁ ar ₂	–	–	Ljib	r ₁ r ₂ ir ₃
JBD	Nnejbad	Nnr ₁ r ₂ ar ₃	Ajbad	Ar ₁ r ₂ ar ₃	Amjbad	Amr ₁ r ₂ ar ₃	Ajebbad	Ar ₁ R ₂ ar ₃	Tajabbat	Tar ₁ aR ₂ at
JBR	Nnejbar	Nnr ₁ r ₂ ar ₃	Ajbar	Ar ₁ r ₂ ar ₃	Ajebbar	Ar ₁ R ₂ ar ₃	Lejbar	r ₁ r ₂ r ₃ ar ₄	–	–
JGL	Myejgugel	Myr ₁ r ₂ ur ₃ r ₄	Ajgugel	Ar ₁ r ₂ ur ₃ r ₄	–	–	Tajegagalt	Tar ₁ r ₂ ar ₃ ar ₄ t	–	–
JLKḌ	Mjelkaḍ	Mr ₁ r ₂ r ₃ ar ₄	Ajelkeḍ	Ar ₁ r ₂ r ₃ r ₄	–	–	Ajelkaḍ	Ar ₁ r ₂ r ₃ ar ₄	–	–

JML	Mjemmal	$Mr_1R_2ar_3$	Ajemmel	$Ar_1R_2r_3$	–	–	–	–	Ljemla	$r_1r_2r_3r_4a$
JME	SnejmaĒ	$Snr_1r_2ar_3$	AjmaĒ	$Ar_1r_2ar_3$	–	–	AjemmaĒ	$Ar_1R_2ar_3$	LjemĒa	$r_1r_2r_3r_4a$
JNS	Mjennas	$Mr_1R_2ar_3$	Ajanes	$Ar_1ar_2r_3$	–	–	–	–	Ljens	$r_1r_2r_3r_4$
JRB	Mjeṛṛab	$Mr_1R_2ar_3$	Ajeṛṛeb	$Ar_1R_2r_3$	Amjerreb	$Amr_1R_2r_3$	–	–	–	–
JRD	Ttujerred	$Ttur_1R_2r_3$	Ajerred	$Ar_1R_2r_3$	Imjerred	$Imr_1R_2r_3$	–	–	Lejrida	$r_1r_2r_3ir_4a$
JRH	Myejraḥ	$Myr_1r_2r_3$	Ajraḥ	$Ar_1r_2ar_3$	Amejruḥ	$Amr_1r_2ur_3$	–	–	–	–
JW	Mjjjew	$Mr_1ir_2r_3$	Tajjawt	TaR_1ar_2t	Anajaw	$Anar_1ar_2$	–	–	–	–
JWQ	Ttujewweq	$Ttur_1R_2r_3$	Ajewwaq	$Ar_1R_2ar_3$	–	–	Tajewwaqt	$Tar_1R_2ar_3t$	–	–
JGH	Mjeggah	$Mr_1R_2ar_3$	Ajeggah	$Ar_1R_2ar_3$	Imjeggah	$Imr_1R_2ar_3$	–	–	–	–
KBR	Mkebbbar	$Mr_1R_2ar_3$	Akebbbar	$Ar_1R_2ar_3$	Imkebbber	$Imr_1R_2r_3$	–	–	–	–
KCF	Mkacaf	$Mr_1ar_2ar_3$	Akacef	$Ar_1ar_2r_3$	Amkacef	$Amr_1ar_2r_3$	–	–	–	–
KDB	Skiddeb	$Sr_1Ir_2r_3$	Askideb	$Ar_1r_2ir_3r_4$	Akeddab	$Ar_1R_2ar_3$	–	–	–	–
KFL	Sseksfel	$Ssr_1r_2r_3$	Askfel	$Ar_1r_2r_3r_4$	Imseksfel	$Imsr_1r_2r_3$	–	–	Ikfil	$Ir_1r_2ir_3$
KFR	Ssekfer	$Ssr_1r_2r_3$	Askfer	$Ar_1r_2r_3r_4$	Amekfuṛ	$Amr_1r_2ur_3$	–	–	Lkafer	$r_1r_2ar_3r_4$
KFT	Skuffet	$Sr_1uR_2R_3$	Akuffet	$Ar_1uR_2r_3$	–	–	Ikuftan	$Ir_1ur_2r_3ar_4$	–	–
KR	Skerker	$Sr_1r_2r_1r_2$	Akerker	$Ar_1r_2r_1r_2$	Imskerker	$Imsr_1r_2r_1r_2$	Tabuskerkert	$Tar_1ur_2r_3r_4r_3r_4t$	–	–

KR	Ssikrer	Ssir ₁ r ₂ r ₃	Asikrer	Ar ₁ ir ₂ r ₃ r ₄	Asakrar	Ar ₁ ar ₂ r ₃ ar ₃	Tasakrart	Tar ₁ ar ₂ r ₃ ar ₄ t	–	–
KRD	Twaker	Twar ₁ r ₂	Takerda	Tar ₁ r ₂ r ₃	Amakar	Amar ₁ ar ₂	–	–	–	–
KTL	Myektal	Myr ₁ r ₂ ar ₃	Aktili	Ar ₁ r ₂ ir ₃ i	Akeyyal	Ar ₁ R ₂ ar ₃	Lkil	r ₁ r ₂ ir ₃	–	–
LMD	Sselmed	Ssr ₁ r ₂ r ₃	Aselmed	Ar ₁ r ₂ r ₃ r ₄	Aselmad	Ar ₁ r ₂ r ₃ ar ₄	–	–	–	–
LNT	Sselnet	Ssr ₁ r ₂ r ₃	Aselnet	Ar ₁ r ₂ r ₃ r ₄	–	–	Ilni	Ir ₁ r ₂ i	–	–
LF	Sluy	Sr ₁ ur ₂	Aluyu	Ar ₁ ur ₂ u	Amluyu	Amr ₁ ur ₂ u	–	–	–	–
LQB	Mlaqab	Mr ₁ ar ₂ ar ₃	Alaqeb	Ar ₁ ar ₂ r ₃	Amlaqeb	Amr ₁ ar ₂ r ₃	–	–	Taselaqebt	Tar ₁ r ₂ ar ₃ r ₄ t
LQD	Mselqad	Msr ₁ r ₂ ar ₃	Alqad	Ar ₁ ar ₂ r ₃	Amelqad	Amr ₁ r ₂ ar ₃	–	–	Taselqet	Tar ₁ r ₂ r ₃ t
LQF	Sselqef	Ssr ₁ r ₂ r ₃	Aselqef	Asr ₁ r ₂ r ₃	Imselqef	Imsr ₁ r ₂ r ₃	–	–	–	–
LQM	Ttuleqqem	Ttur ₁ R ₂ r ₃	Aleqqem	Ar ₁ R ₂ r ₃	–	–	–	–	–	–
LSQ	Myelsaq	Myr ₁ r ₂ ar ₃	Alsaq	Ar ₁ r ₂ ar ₃	–	–	Llesqa	R ₁ r ₂ r ₃ a	–	–
MCH	Ssemceh	Ssr ₁ r ₂ r ₃	Amcah	Ar ₁ r ₂ ar ₃	Ameccah	Ar ₁ R ₂ ar ₃	–	–	–	–
MGL	Ttumeggel	Ttur ₁ R ₂ r ₃	Ameggel	Ar ₁ R ₂ r ₃	Ameggal	Ar ₁ R ₂ ar ₃	–	–	–	–
MGR	Ttwamger	Ttwar ₁ r ₂ r ₃	Tamegra	Tar ₁ r ₂ r ₃ a	–	–	Amger	Ar ₁ r ₂ r ₃	–	–
MHN	Ttwamhen	Ttwar ₁ r ₂ r ₃	Lemahna	R ₁ r ₂ ar ₃ r ₄ a	Umhin	Ur ₁ r ₂ ir ₃	–	–	–	–
MFR	Ssemy ^w er	Ssr ₁ r ₂ ^w r ₃	Temy ^w er	Tr ₁ r ₂ ^w r ₃	Amyar	Ar ₁ r ₂ ar ₃	–	–	–	–

MRDS	Smurdeş	Sr ₁ ur ₂ r ₃ r ₄	Amurdeş	Ar ₁ ur ₂ r ₃ r ₄	Amurdeş	Ar ₁ ur ₂ r ₃ ur ₄	Tasmerdeş	Tar ₁ r ₂ r ₃ r ₄ r ₅ t	–	–
MS	Ssmusses	Ssr ₁ uR ₂ r ₃	Amuses	Ar ₁ ur ₂ r ₃	Amessas	Ar ₁ R ₂ ar ₃	–	–	–	–
MSX	Twamsex	Twar ₁ r ₂ r ₃	Amsex	Ar ₁ r ₂ r ₃	Umsix	Ur ₁ r ₂ ir ₃	–	–	Lmesxa	r ₁ r ₂ r ₃ r ₄ a
NBH	Twanebbeh	Twar ₁ R ₂ r ₃	Anebbeh	Ar ₁ R ₂ r ₃	Imnebeh	Imr ₁ r ₂ r ₃	–	–	–	–
NCD	Twanced	Twar ₁ r ₂ r ₃	Ancad	Ar ₁ r ₂ ar ₃	Imneced	Imr ₁ R ₂ r ₃	–	–	–	–
ND	Ssendu	Ssr ₁ r ₂ u	Asendu	Ar ₁ r ₂ r ₃ u	Tamsendut	Tamr ₁ r ₂ r ₃ ut	–	–	–	–
ND	Mnadi	Mr ₁ ar ₂ i	Anadi	Ar ₁ ar ₂ i	Amnadi	Amr ₁ ar ₂ i	–	–	–	–
NDF	Twindex	Twir ₁ r ₂ r ₃	Andaf	Ar ₁ r ₂ ar ₃	Imsendef	Imser ₁ r ₂ r ₃	–	–	–	–
NDH	Ssendeh	Ssr ₁ r ₂ r ₃	Andah	Ar ₁ r ₂ ar ₃	Imsendeh	Imsr ₁ r ₂ r ₃	–	–	–	–
NDKWL	Ssendekwal	Ssr ₁ r ₂ r ₃ r ₄	Andekwel	Ar ₁ r ₂ r ₃ r ₄ r ₅	Amnedkwal	Amr ₁ r ₂ r ₃ r ₄ r ₅	–	–	–	–
NDR	Twander	Twar ₁ r ₂	Andar	Ar ₁ r ₂ ar ₃	Amendar	Amr ₁ r ₂ ar ₃	–	–	Amender	Ar ₁ r ₂ r ₃ r ₄
NDR	Mnadar	Mr ₁ r ₂ r ₃	Anader	Ar ₁ ar ₂ r ₃	Amnader	Amr ₁ ar ₂ r ₃	Nnwader	R ₁ r ₂ ar ₃ r ₄	–	–
NF	Myenfu	Myr ₁ r ₂ u	Neffu	r ₁ R ₂ u	Amenfi	Amr ₁ r ₂ r ₃ i	–	–	–	–
NFQ	Twanfeq	Twar ₁ r ₂ r ₃	Nnefqa	R ₁ r ₂ r ₃ a	Amnafeq	Amr ₁ ar ₂ r ₃	–	–	–	–
NGF	Ssengef	Ssr ₁ r ₂ r ₃	Angaf	Ar ₁ r ₂ ar ₃	Aneggaf	Ar ₁ R ₂ ar ₃	–	–	–	–
NGR	Ssenger	Ssr ₁ r ₂ r ₃	Angar	Ar ₁ r ₂ r ₃	Imseger	Imsr ₁ r ₂ r ₃	–	–	–	–

NHR	Twanheř	Twar _{1r2r3}	Tanheřt	Tar _{1r2r3t}	Amnehař	Amr _{1r2ar3}	–	–	–	–
NJR	Myenjař	Myer _{1r2ar3}	Anjař	Ar _{1r2ar3}	Anejjař	Ar _{1R2ar3}	Timenjeřt	Tir _{1r2r3r4t}	–	–
NR	Sneyney	Sr _{1r2r1r2}	Aneyney	Ar _{1r2r1r2}	Aneynay	Ar _{1r2r1ar2}	–	–	–	–
NRL	Ssenyel	Sr _{1r2r3}	Anyal	Ar _{1r2ar3}	Amsenyel	Amsr _{1r2r3r4}	–	–	–	–
R	Ssiy	Ssir ₁	Tiyin	Tir _{1ir2}	Amsayi	Amr _{1ar2i}	–	–	–	–
FRB	Smuyben	Smur _{1r2r3}	Amuyben	Amur _{1r2r3}	Ameybun	Amr _{1r2ur3}	–	–	–	–
FRB	Syubbeř	Sr _{1uR2r3}	Ayubbeř	Ar _{1UR2r3}	Imeybař	Imr _{1r2ar3}	–	–	Ayebbař	Ar _{1R2ar3}
FRF	Ssemyafař	SSr _{1r2ar3ar4}	Lemyafra	r _{1r2r3ar4r5a}	Amyafař	Amr _{1ar2ar3}	–	–	–	–
FLD	Sseyled	Ssr _{1r2r3}	Leylađ	r _{1r2r3ar4}	Lyaleř	r _{1r2ar3r4}	–	–	–	–
FL	Msayli	Msar _{1r2i}	Leyla	r _{1r2r3a}	Ameylawi	Amr _{1r2ar3i}	–	–	–	–
FRM	Myumm	Mr _{1uR2}	Ayummu	Ar _{1uR2u}	Amyummu	Amr _{1uR2u}	Lyumm	r _{1r2uRr3}	–	–
FRN	Myeynu	Myr _{1r2u}	Leyni	r _{1r2r3i}	Lyani	r _{1r2ar3i}	–	–	–	–
FRN	Ttuyenni	Ttur _{1R2i}	Leyna	r _{1r2r3a}	Ayennay	Ar _{1R2ar3}	–	–	–	–
FRB	Syeřreb	Sr _{1R2r3}	Ayeřreb	Ar _{1R2r3}	Ayřib	Ar _{1r2ir3}	–	–	Ayeřbi	Ar _{1r2r3i}
FRBL	Syerbel	Sr _{1r2r3r4}	Ayerbel	Ar _{1r2r3r4}	–	–	Ayerbal	Ar _{1r2r3ar4}	–	–
FRQ	Myeyraq	Myr _{1r2ar3}	Ayraq	Ar _{1ar2}	Ayeřraq	Ar _{1R2ar3}	–	–	–	–

ΓSL	Myeysal	Myr _{1r₂a₃}	Ayesal	Ar _{1r₂a₃}	Ayessal	Ar _{1R₂a₃}	Lmeysel	r _{1r₂r₃r₄r₅}	–	–
QBĤ	Sseqbeĥ	Ssr _{1r₂r₃}	Leqbiĥ	r _{1r₂r₃ir₄}	Uqbiĥ	Ur _{1r₂ir₃}	–	–	–	–
QBL	Mqabal	Mr _{1ar₂a₃}	Aqabel	Ar _{1ar₂r₃}	Amqabel	Amr _{1ar₂r₃}	–	–	–	–
QBR	Myeqbar	Myr _{1r₂a₃}	Aqbar	Ar _{1r₂a₃}	Uqbir	Ur _{1r₂ir₃}	–	–	–	–
QC	Sqecqec	Sr _{1r₂r₁r₂}	Aqecqec	Ar _{1r₂r₁r₂}	Aqecqac	Ar _{1r₂r₁r₂}	Tiqqad	TiR _{1ar₂}	Aqcuc	Ar _{1r₂ur₃}
QD	Myeqqad	MyR _{1ar₂}	Tuqda	Tur _{1r₂a}	–	–	–	–	–	–
QDC	Sseqdec	Ssr _{1r₂r₃}	Leqdic	r _{1r₂r₃ir₄}	Aqeddac	Ar _{1R₂a₃}	Lmeqla	R _{1r₂r₃r₄a}	–	–
QL	Myeqli	Myr _{1r₂i}	Qellu	r _{1R₂u}	–	–	Tamaqqant	Tar _{1aR₂a₃t}	–	–
QN	Ttwaqqen	TtwaR _{1r₂}	Tuqna	Tur _{1r₂a}	–	–	–	–	–	–
QS	Twiqqes	TwiR _{1r₂}	Tuqsa	Tur _{1r₂a}	–	–	–	–	–	–
R	Myaru	Myar _{2u}	Tira	Tir _{1a}	Amaru	Amar _{1u}	Tira	Tir _{1a}	–	–
RB	Ttuṛebbi	Ttur _{1R₂i}	Tterṛbega	Ttr _{1r₂r₃}	Imṛebbi	Imr _{1R₂i}	–	–	Irebbi	Ir _{1R₂i}
RCM	Twaṛcem	Twar _{1r₂r₃}	Aṛcem	Ar _{1r₂r₃}	Aṛccam	Ar _{1R₂a₃}	–	–	–	–
RDĤ	Sserḏeĥ	Sser _{1r₂r₃}	Aṛdaĥ	Ar _{1r₂a₃}	Aṛeddaĥ	Ar _{1R₂a₃}	–	–	–	–
RGL	Ssergel	Ssr _{1r₂r₃}	Argal	Ar _{1r₂a₃}	Imsergel	Imsr _{1r₂r₃}	Asergel	Ar _{1r₂r₃r₄}	–	–
RMC	Smerṛmec	Sr _{1r₂r₁r₃}	Amerṛmec	Ar _{1r₂r₂r₃}	Amerṛmac	Ar _{1r₂r₂a₂}	–	–	–	–

RN	Snerni	Sr ₁ r ₂ r ₃ i	Anerni	Ar ₁ r ₂ r ₃ i	Imnerni	Im r ₁ r ₂ r ₃ i	–	–	Tirni	Tir ₁ r ₂ i
SBI	Ttusebey	Ttur ₁ r ₂ r ₃	Asbay	Ar ₁ r ₂ ar ₃	Asebbay	Ar ₁ R ₂ ar ₃	Ssbiya	R ₁ r ₂ ir ₃ a	–	–
SKR	Ssker	Ssr ₁ r ₂	Askar	Ar ₁ r ₂ ar ₃	Asekran	Ar ₁ r ₂ r ₃ ar ₄	Ssikran	r ₁ ir ₂ r ₃ ar ₄	–	–
SLB	Smusleb	Smur ₁ r ₂ r ₃	Tiselbi	Tir ₁ r ₂ r ₃ i	Ameslub	Amr ₁ r ₂ ur ₃	–	–	–	–
SLK	Ttusellek	Ttur ₁ R ₂ r ₃	Aslak	Ar ₁ r ₂ ar ₃	Amsellek	Amr ₁ R ₂ r ₄	–	–	–	–
SM	Msusam	Mr ₁ ur ₂ ar ₃	Tasusmi	Tar ₁ ur ₂ r ₃ i	Asusam	Ar ₁ ur ₂ ar ₃	–	–	–	–
SMH	Msemmaḥ	Mr ₁ R ₂ ar ₃	Ssmaḥ	Sr ₁ r ₂ ar ₃	Amsamaḥ	Amr ₁ ar ₂ ar ₃	–	–	–	–
SND	Msunnad	Mr ₁ Ur ₂ ar ₃	Asenned	Ar ₁ R ₂ r ₃	Amsenned	Amr ₁ R ₂ r ₃	–	–	–	–
SND	Mserraḥ	Mr ₁ R ₂ ar ₃	Aserreḥ	Ar ₁ R ₂ r ₃	Imserreḥ	Imr ₁ R ₂ r ₃	–	–	–	–
TBT	Ttutebbet	Ttur ₁ R ₂ r ₃	Atebbet	Ar ₁ R ₂ r ₃	Amtebbet	Amr ₁ R ₂ r ₃	–	–	ṭtabEa	R ₁ ar ₂ r ₃ a
TBE	MsetbaE	Msr ₁ r ₂ ar ₃	AtabaE	Ar ₁ ar ₂ ar ₃	ImsetbaE	Imr ₁ r ₂ r ₃ ar ₄	–	–	–	–
STR	Ssuter	Ssur ₁ r ₂	Asuter	Ar ₁ ur ₂ r ₃	Amsuter	Amr ₁ ur ₂ r ₃	–	–	–	–
TX	Stextex	Sr ₁ r ₂ r ₁ r ₂	Atextex	Ar ₁ r ₂ r ₁ r ₂	Imtextex	Imr ₁ r ₂ r ₁ r ₂	–	–	–	–
ṬB	Ṭteḇteḇ	Sr ₁ r ₂ r ₁ r ₃	Aṭeḇteḇ	Ar ₁ r ₂ r ₁ r ₂	Imseṭeḇteḇ	Imsr ₁ r ₂ r ₃ r ₄	Aṭiṭuc	Ar ₁ ir ₂ ur ₃	ṭṭaleb	R ₁ ar ₂ r ₃
ṬC	Sṭuṭec	Sr ₁ ur ₂ r ₃	Aṭuṭec	Ar ₁ ur ₂ r ₃	–	–	–	–	–	–
ṬD	Ssuṭeḍ	Ssur ₁ r ₂	Tuṭḍa	Tur ₁ r ₂ a	Imsuṭeḍ	Imr ₁ ur ₂ r ₃	Tanattaft	Tar ₁ aR ₂ ar ₃ t	–	–

TF	Myuttaf	MyuR ₁ ar ₂	Tuttefa	TuR ₁ r ₂ a	–	–	–	–	–	–
DLB	Ttwidleb	Ttwir ₁ r ₂ r ₃	Aqlab	Ar ₁ r ₂ ar ₃	Aneqlab	Anr ₁ r ₂ ar ₃	–	–	–	–
TMBL	Stembel	Sr ₁ r ₂ r ₃ r ₄	Atembel	Ar ₁ r ₃ r ₄	Imtembel	Imr ₁ r ₂ r ₃ r ₄	–	–	–	–
DME	SsedmaE	Ssr ₁ r ₂ ar ₃	ttmaE	R ₁ r ₂ ar ₃	ttameE	R ₁ ar ₂ r ₃	–	–	–	–
XBR	Ttuxebber	Ttur ₁ R ₂ r ₃	Axebber	Ar ₁ R ₂ r ₃	Imxebber	Imr ₁ R ₂ r ₃	–	–	Axebarji	Ar ₁ r ₂ ar ₃ r ₄ i
XDM	Ssexdem	Ssr ₁ r ₂ r ₃	Lexdma	r ₁ r ₂ r ₃ a	Axeddam	Ar ₁ R ₂ ar ₃	–	–	–	–
XDE	TwixdeE	Twir ₁ r ₂ r ₃	LexdeE	r ₁ r ₂ r ₃ r ₄	AxedaE	Ar ₁ R ₂ ar ₃	–	–	–	–
XDB	Twixdeb	Twir ₁ r ₂ r ₃	Lexdubegga	r ₁ r ₂ r ₃ ur ₄ R ₅ a	Anexdab	Ar ₁ r ₂ r ₃ ar ₄	–	–	–	–
XF	Ssixfef	Ssir ₁ r ₂ r ₃	Lxeffa	r ₁ r ₂ R ₃ a	Axefifan	Ar ₁ r ₂ ir ₃ ar ₄	–	–	Lexfaf	r ₁ r ₂ r ₃ ar ₄
XL	Smexlell	Smr ₁ r ₂ R ₃	Axellel	Ar ₁ Rr ₃	Amexlul	Amr ₁ r ₂ ur ₃	–	–	Axellal	Ar ₁ r ₂ ar ₃
XLQ	Twaxleq	Twar ₁ r ₂ r ₃	Axlaq	Ar ₁ r ₂ ar ₃	Axellaq	Ar ₁ R ₂ ar ₃	–	–	–	–
XṬ	Ttuxetṭi	Ttur ₁ R ₂ i	Lextiyya	r ₁ r ₂ r ₃ iR ₄ a	Imxetṭi	Imr ₁ R ₂ i	Lxiḍ	R ₁ r ₂ ir ₃	–	–
XḐ	Mxiḍ	Mr ₁ ir ₂	Lxeyada	r ₁ r ₂ r ₃ ar ₄ a	Axeggad	Ar ₁ R ₂ ar ₃	–	–	–	–
ZBL	Ttuzebbel	Ttur ₁ R ₂ r ₃	Azebbel	Ar ₁ R ₂ r ₃	Imzebbel	Imr ₁ R ₂ r ₃	–	–	–	–
ZṬ	Mzized	Mr ₁ ir ₂ r ₃	Tizetṭ	Tir ₁ R ₂	Imiziḍ	Imir ₁ ir ₂	–	–	–	–
WFQ	Mwafaq	Mr ₁ ar ₂ ar ₃	Awafeq	Ar ₁ ar ₂ r ₃	Amwafaq	Amr ₁ ar ₂ ar ₃	–	–	–	–

WHM	Ssewhem	Sser _{1r2r3}	Awham	Ar _{1r2ar3}	Awehham	Ar _{1R2ar3}	–	–	–	–
WHC	Ssewhęc	Ssr _{1r2r3}	Awhęc	Ar _{1r2ar3}	Awehçi	Ar _{1r2r3i}	–	–	–	–
TK	Mtekki	Mr _{1R2i}	Atekki	Ar _{1R2i}	Amtekki	Amr _{1R2i}	–	–	–	–
WL	Mwali	Mr _{1ar2i}	Awali	Ar _{1ar2i}	Amwali	Amr _{1ar2i}	–	–	–	–
WNS	Mwanes	Mr _{1ar2r3}	Awanes	Ar _{1ar2r3}	Amwanes	Amr _{1ar2r3}	–	–	–	–
WRB	Swireb	Sr _{1ir2r3}	Lemb ^w arba	R _{1r2^war3r4a}	Amb ^w areb	Ar _{1r2^war3r4}	Timzizdegt	Tir _{1r2ir3r4r5t}	–	–
ZDG	Zzizdeg	Zzir _{1r2r3}	Tezdeg	Tr _{1r2r3}	Azedgan	Ar _{1r2r3ar4}	Tazdamt	Tar _{1r2ar3t}	–	–
ZDM	Twazdem	Twar _{1r2r3}	Azdam	Ar _{1r2ar3}	Azeddam	Ar _{1R2ar3}	–	–	–	–
ZDI	Twazdey	Twar _{1r2r3}	Tamezduyt	Tar _{1r2r3ur4t}	Amezday	Amr _{1r2ar3}	–	–	–	–
ZKR	Mzukrar	Mr _{1ur2r3ar4}	Azucar	Ar _{1ur2ar3}	Imzukrar	Imr _{1ur2r3ar4}	–	–	Iziker	Ir _{1ir2r3}
ZL	Zzizzel	ZziR _{1r2}	Tazela	Tar _{1r2a}	Imzizzel	Imr _{1iR2r3}	–	–	Tazzela	TaR _{1r2a}
ZLF	Twazlef	Twar _{1r2r3}	Azlaf	Ar _{1r2ar3}	Azellaf	Ar _{1R2ar3}	–	–	Buzelluf	r _{1ur2R3ur4}
ZLG	Twazleg	Twar _{1r2r3}	Azlag	Ar _{1r2ar3}	Amezlagu	Amr _{1r2ar3u}	–	–	Tazlagt	Tar _{1r2ar3t}
ZLM	Snezlem	Snr _{1r2r3}	Azlam	Ar _{1r2ar3}	Imzillem	Imr _{1iR2r3}	–	–	Zzillum	R _{1R2ur3}
ZN	Twazen	Twar _{1r2}	Tuzna	Tur _{1r2a}	Amazzan	AmaR _{1ar2}	–	–	–	–
ZR	Zzuzer	Zzur _{1r2}	Tuzert	Tur _{1r2t}	Azuran	Ar _{1ur2ar3}	ZzerriĒa	R _{1ar2ir3a}	–	–

ZRE	TwizreE	Twir _{1r₂r₃}	AzreE	Ar _{1r₂r₃}	–	–	–	–	AzraraE	Ar _{1r₂r₃r₄}
ECQ	MyeEcaq	Myr _{1r₂r₃}	LeEceq	r _{1r₂r₃r₄}	AmaEcaq	Amar _{1r₂r₃}	–	–	–	–
EDM	NneEdam	Nnr _{1r₂r₃}	AEdam	Ar _{1r₂r₃}	LemaEdum	R _{1r₂r₃r₄ur₅}	–	–	–	–
EDW	MseEdaw	Msr _{1r₂r₃}	LeEdu	R _{1r₂r₃u}	AEdaw	Ar _{1r₂r₃}	LeElef	r _{1r₂r₃r₄}	–	–
ELF	SseElef	Ssr _{1r₂r₃}	AElef	Ar _{1r₂r₃}	AEllaf	Ar _{1R₂r₃}	–	–	–	–
EWJ	SseEwej	Ssr _{1r₂r₃}	AEwaj	Ar _{1r₂r₃}	UEwij	UriR ₂ ir ₃	–	–	–	–
AWN	Mεawan	Mr _{1ar₂r₃}	Lemεawna	R _{1r₂r₃ar₄r₅a}	Amεawen	Amr _{1ar₂r₃}	–	–	–	–
EZ	Nεezz	Nr _{1R₂}	Lεezz	r _{1r₂R₃}	Amaεzuz	Amar _{1r₂ur₃}	–	–	–	–

Asegzi n wawalen

L'élément de base : Aferdis n tegruma n wadda

Irréductible : Armeɣzan

Commun : Amezdi

Représentants : Igensayen

L'évolution : Tamhazt

Raison : Taytiwin

Vocalique : Arraw

Flexion : Aknaw

Affixe : Awsil

Vocabulaire : Tamawalt

Spécialiser : Amuzzeg

Procède : Asaduf

Spécifique : Ulmis

Rares : Idrus

Assez : Deqs

Apparente : Azday

Produit : Asyiri

Infirmité : Iḥawcaren

Physique : Aɣaran

Trait : Asenzey

Opérer : Mhel

Orientation : Tayda

Former : Siley

Verbalisme : Tifirezrit

Conglomérer : Semlil

Procédure : Taskirt

Formation : Tasileyt

Combinaison : Tuddsa

Linguistique : Tasnawalt

Grammatical : Tajerrumt

Opposition : Tagdilt

Menacer : Ggez

Evolution : Tanerwit

Production : Afares

Unité : Taywent

Hétérogène : Aydażar

Distinguer : Zlem

Morphème : Taguri

Lexical : Amawalan

Modèle : Tamudemt

Unité : Aferdis

Phénomène : Tumant

Expressive : Tayara

Monème : Imunimen

Classement : Abellez

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