

Initial Correspondence

Initial: -:k:ʔkj

	Maru	OBurm	Atsi
branch / twig	–	<i>kuiñh</i>	<i>kjaŋ</i> ⁵¹

Initial: -:m:ʔmj

	Maru	OBurm	Atsi
cow	–	<i>maʔ</i> *maX	<i>mji</i> ⁵⁵

Initial: -:n:ŋj

	Maru	OBurm	Atsi
morning	–	<i>nak</i> *nak	<i>ŋji</i> ⁵⁵

Initial: -:ph:p^h

	Maru	OBurm	Atsi
patch (clothing)	–	<i>pha</i> *pa, *ʔpa, *ʔpa	<i>pho</i> ⁵¹

Initial: -:s:s

	Maru	OBurm	Atsi
sheep	–	<i>suiwḥ</i> *ʔsuH, *suH, *ʃuH	<i>sau</i> ²¹

Initial: -:t:ʔts

	Maru	OBurm	Atsi
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	Maru	OBurm	Atsi
	Maru	OBurm	Atsi
south	–	to₂ñ *duŋ	tsuŋ ⁵¹

Initial: -:tɕh:t

	Maru	OBurm	Atsi
dye (stuff)	–	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	ten ⁵⁵

Initial: -:p:ʔŋj

	Maru	OBurm	Atsi
shrivel up / wither	–	ñhuiwḥ *ʔpuH, *ʔpuH	ŋjui ²¹

Initial: k:-:k

	Maru	OBurm	Atsi
clumsy / awkward	kɔ ³¹ *ga	–	ko ⁵¹
man	kai ³¹ *gai	–	ke ⁵¹
crack / rift / fissure	kɔʔ ³¹ *gak	–	koʔ ²¹
divide / share (things)	kɛ ³¹ *gam	–	kam ⁵¹
classifier for trees	kɛ ³¹ *gam	–	kam ⁵¹
warm oneself by (a fire)	kɔ ³¹ *gaŋ	–	kaŋ ⁵¹
chest	kɔ ³¹ *gaŋ	–	kaŋ ⁵¹
solid	kaŋ ³⁵ *ganH, *giŋH	–	kɣŋ ²¹

Initial: k:-:ʔk

	Maru	OBurm	Atsi
pick up	kauk ³¹ *guk	–	kui ⁵¹

Initial: k:k:k

	Maru	OBurm	Atsi
spider	kɔ̃ ³⁵	ku	kaŋ ²¹
prize / pry	*gaŋH kak ³¹	*gu kan?	kik ²¹
nine	*gik kuk ³¹	*ganX kuiwḥ	kau ²¹
rice (paddy)	*gu, *guH, *guX kauk ³¹ *guk	*guH ko₂k *guk	ku? ²¹

Initial: k:t:k

	Maru	OBurm	Atsi
rainbow	kaŋ ³⁵ *ganH, *giŋH	tam *dam	kan ²¹

Initial: kh:-:k^h

	Maru	OBurm	Atsi
cut / rip open	khɔ̃ ⁵⁵ *kak	–	kho? ⁵⁵
blade (of grass)	khe? ⁵⁵ *kap, *kat	–	khat ⁵⁵
chase after	khe? ⁵⁵ *kap, *kat	–	khat ⁵⁵
cucumber	khu ³⁵ *koH	–	kho ²¹
inside	khuk ³¹	–	khau ⁵¹

Initial: kh:-:k^{hj}

	Maru	OBurm	Atsi
sunken / dented	khøʔ⁵⁵	–	khjop⁵⁵

Initial: kh:-:x

	Maru	OBurm	Atsi
who	khǝ³¹	–	xau⁵⁵

Initial: kh:kh:k^h

	Maru	OBurm	Atsi
fetch / draw (water)	khẽ³¹	khap	kham⁵¹
bitter	*kam khǝ³⁵	*ʔkap, *ʔkap, *kap khaḥ	kho²¹
gnaw / nibble	*kaH khai³⁵	*ʔkaH, *ʔkaH, *kaH khayḥ	khe²¹
smoke	*kaiH khuk⁵⁵	*ʔkaiH, *ʔkaiH, *kaiH khuiwḥ	khau²¹
steal	*ku, *kuH, *kuX khuk⁵⁵ *ku, *kuH, *kuX	*ʔkuH, *ʔkuH, *kuH khuiwḥ *ʔkuH, *ʔkuH, *kuH	khau²¹

Initial: kh:kh:k^hu

	Maru	OBurm	Atsi
dog	kha³⁵	khuyḥ *ʔkuiH, *ʔkuiH, *kuiH	khui²¹

Initial: khj:-:k

	Maru	OBurm	Atsi
locust	khjak⁵⁵ *kjik, *krik, *klik	–	kam⁵⁵

Initial: khj:-:k^h

	Maru	OBurm	Atsi
classifier for rope	khjeʔ⁵⁵	–	khat⁵⁵

	Maru	OBurm	Atsi
	*kjap, *kjat, *krap, *krat, *klap, *klat		

Initial: khj:-:k^{hj}

	Maru	OBurm	Atsi
classifier for bowls	khjeɽ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
month's (work)	khjeɽ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
page	khjeɽ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
sheet (of paper)	khjeɽ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
rafter (of building)	khjɔ³¹ *kjaŋ, *kraŋ, *klaŋ	–	khjaŋ⁵¹
puttee	khjik³¹	–	khji⁵¹
hoof (note:+even _t oed)	khjik³¹	–	khji⁵¹
rescue / save	khji³¹ *kje, *kre, *kle	–	khji⁵¹
lay (eggs)	khjɔ⁵⁵ *kjaX, *kraX, *klaX	–	khjo⁵⁵
garden (plot)	khjɛ³¹ *kjam, *kram, *klam	–	khjam⁵¹
road	khjɔ³¹ *kja, *kra, *kla	–	khjo⁵¹
goose	khjɔ⁵⁵ *kjaŋX, *kraŋX, *klaŋX	–	khjaŋ⁵⁵
blow (one's nose)	khjuk⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	–	khjui²¹
buckwheat	khjau³¹	–	khjau⁵⁵
onion / scallion	khjauŋ³⁵ *kjuŋH, *kruŋH, *kluŋH	–	khjoŋ⁵⁵

Initial: khj:-:m

	Maru	OBurm	Atsi
that side / there	khjə ³¹ *kja, *kra, *kla	–	ma ⁵⁵

Initial: khj:khj:k^hj

	Maru	OBurm	Atsi
snap / break (a stick)	khjuk ⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	khyuiwḥ *ʔkjuH, *ʔkjuH, *kjuH	khjui ²¹
horn	khjuk ³¹	khyuiw *ʔkju, *ʔkju, *kju	khjui ⁵¹
cough	khjaun ³⁵ *kjuŋH, *kruŋH, *klunH	khyo₂nḥ *ʔkjuŋH, *ʔkjuŋH, *kjuŋH	khjuŋ ²¹

Initial: khj:khj:k^hj

	Maru	OBurm	Atsi
excrement	khjik ⁵⁵ *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	khliyḥ *ʔkliH, *ʔkliH, *kliH	khji ²¹
sew (up)	khjap ⁵⁵ *kjup, *kjip, *krup, *krip, *klup, *klip	khlap *ʔklup, *ʔklup, *klup	khjup ⁵⁵

Initial: khj:khr:k^hj

	Maru	OBurm	Atsi
six	khjauk ⁵⁵ *kjuk, *kruk, *kluk	khro₂k *ʔkruk, *ʔkruk, *kruk	khju? ⁵⁵

Initial: kj:-:kj

	Maru	OBurm	Atsi
downstairs	kjē ³⁵	–	kjam ²¹

	Maru	OBurm	Atsi
monk	*gjamH, *gramH, *glamH kji ³¹	–	kji ²¹
soldier	*gje, *gre, *gle kje ³¹	–	kje ⁵¹
team (of oxen)	*gje, *gre, *gle kja ³⁵	–	kja ⁵⁵
cold (weather, water)	kjo? ³¹	–	kjo? ²¹
thinner, get (body)	*gjak, *grak, *glak kji ⁵⁵	–	kji ⁵⁵
copper (note:+red)	*gjeX, *greX, *gleX kjik ⁵⁵	–	kji ²¹
eaten one's fill, have	kji ³⁵ *gjeH, *greH, *gleH	–	kji ²¹

Initial: kj:-:pj

	Maru	OBurm	Atsi
fall down (a house) / collapse	kjo? ³¹	–	pjo? ²¹

Initial: kj:-:s

	Maru	OBurm	Atsi
clear (water)	kjan ³⁵ *gjinH, *grinH, *glinH	–	sen ⁵¹

Initial: kj:-:kj

	Maru	OBurm	Atsi
rust	kjik ⁵⁵	–	kjik ⁵⁵

Initial: kj:kj:kj

	Maru	OBurm	Atsi
drop	kjo ⁵⁵ *gjaX, *graX, *glaX	kya? *gjaX	kjo ⁵⁵

Initial: kj:kr:kj

	Maru	OBurm	Atsi
hear	kjɔ ³⁵	krah	kjo ²¹
	*gjaH, *graH, *glaH	*graH	
tendon / sinew	kji ³¹	kro₂h	kji ²¹
	*gje, *gre, *gle		
afraid, be	kjauk ³¹	kro₂k	kju? ²¹
	*gjuk, *gruk, *gluk	*gruk	

Initial: kjh:khr:k^{hj}

	Maru	OBurm	Atsi
thread	kjhaŋ ³¹	khrañ	khjiŋ ⁵¹
		*ʔkriŋ, *ʔkriŋ, *kriŋ	

Initial: l:-:l

	Maru	OBurm	Atsi
donkey	lɔ ³¹	–	lo ²¹
	*la		
leopard / panther	lɔ ³⁵	–	lo ²¹
	*laH		
stallion	lɔ ³⁵	–	lo ²¹
	*laH		
cat	lɔ̃ ³¹	–	lă ²¹
go out	lɔ ⁵⁵	–	lo ⁵⁵
	*laX		
spacious / commodious	lɛ̃ ³¹	–	lam ⁵¹
	*lam		
fathom	lɛ̃ ³¹	–	lam ⁵¹
	*lam		
well	lɔ̃ ³⁵	–	laŋ ⁵¹
	*laŋH		
hail	lak ³¹	–	lik ²¹
	*lik		
rely / lean on	lam ³¹	–	lum ⁵¹
	*lum, *lim		
fall over / down	laŋ ³⁵	–	leŋ ²¹
	*liŋH		

Initial: l:-m

	Maru	OBurm	Atsi
river	lɔ̃ ³¹ *laŋ	–	mo ⁵⁵

Initial: l:-ʔl

	Maru	OBurm	Atsi
snake	lɔ̃ ³¹ *laŋ	–	laŋ ⁵¹
classifier for brooms	lam ³⁵ *lumH, *limH	–	lum ²¹
head	lam ³⁵ *lumH, *limH	–	lum ²¹

Initial: l:kl:l

	Maru	OBurm	Atsi
tiger	lɔ ³⁵ *laH	klaḥ *glaH	lo ²¹

Initial: l:l:l

	Maru	OBurm	Atsi
come	lɔ ³¹ *la	la *la	lo ⁵¹
finger	lɔʔ ³¹ *lak	lak *lak	loʔ ²¹
husband	lɔ ³¹ *laŋ	lañ *laŋ	laŋ ⁵¹
wait	lɔ ⁵⁵ *laŋX	lañʔ *laŋX	laŋ ⁵⁵
wind	la ³¹ *li	liy *li	lai ⁵¹
bow (for arrow)	la ³⁵ *liH	liyḥ *liH	lai ²¹
heavy	la ³⁵ *liH	liyḥ *liH	lai ²¹
neck	laŋ ³¹ *liŋ	lañ *liŋ	lin ⁵¹

	Maru	OBurm	Atsi
lie down	laŋ ³⁵ *liŋH	lañḥ *liŋH	leʔ ²¹
roll	laŋ ⁵⁵ *liŋX	limʔ *limX	leŋ ²¹
circle / circular	laŋ ⁵⁵ *liŋX	lumḥ *lumH	liŋ ⁵⁵

Initial: l:l:ʔl

	Maru	OBurm	Atsi
heart	lam ³⁵ *lumH, *limH	lumḥ *lumH	lum ²¹

Initial: lu:-:lu

	Maru	OBurm	Atsi
grind (flour)	lui ³⁵ *luiH	–	lui ⁵⁵
millstones	lui ³⁵ *luiH	–	lui ⁵⁵

Initial: m:-:m

	Maru	OBurm	Atsi
thumb	mɔ ⁵⁵ *maX	–	mo ⁵⁵
accustomed to, be / habit of, haveve	məŋ ⁵⁵ *manX	–	man ⁵⁵
ink (Chinese)	mɛʔ ³¹ *map, *mat	–	mə ²¹
corpse	mɔ̃ ³¹ *maŋ	–	maŋ ⁵¹
dragon	mɔ̃ ³¹ *maŋ	–	man ⁵¹
tangerine	mak ³¹ *mik	–	mak ²¹
meal	ma ⁵⁵	–	ma ⁵¹
paper	muk ³¹ *mu, *muH, *muX	–	mau ⁵¹

Initial: m:-mj

	Maru	OBurm	Atsi
coal	<i>mɛʔ</i> ³¹ *map, *mat	–	<i>mji</i> ²¹

Initial: m:m:m

	Maru	OBurm	Atsi
widow	<i>mɔ</i> ⁵⁵ *maX	<i>maʔ</i> *maX	<i>mo</i> ⁵⁵
son-in-law	<i>mɔʔ</i> ³¹ *mak	<i>mak</i> *mak	<i>moʔ</i> ⁵⁵
dream	<i>mɔʔ</i> ³¹ *mak	<i>mak</i> *mak	<i>moʔ</i> ²¹
old / elderly	<i>mɔ̃</i> ³⁵ *maŋH	<i>mañh</i> *maŋH	<i>maŋ</i> ²¹
thunder	<i>muk</i> ⁵⁵	<i>muiwɰ</i> *muH	<i>mau</i> ²¹
feather / plume	<i>muk</i> ⁵⁵	<i>muyh</i> *muiH	<i>mau</i> ⁵⁵

Initial: m:m:mj

	Maru	OBurm	Atsi
name	<i>maŋ</i> ³¹ *miŋ	<i>mañ</i> *miŋ	<i>mjiŋ</i> ⁵¹

Initial: m:ṁ:m

	Maru	OBurm	Atsi
mushroom	<i>muk</i> ³¹ *mu, *muH, *muX	<i>mhuiw</i> *ʔmu, *ʔmu	<i>mau</i> ⁵¹

Initial: mj:-m

	Maru	OBurm	Atsi
dawn (the day)	<i>mjɔʔ</i> ³¹ *mjak, *mrak, *mlak	–	<i>mau</i> ²¹

Initial: mj:-:mj

	Maru	OBurm	Atsi
worry / anxious, be	<i>mjik</i> ³¹ *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	–	<i>mjo</i> ²¹
marry	<i>mji</i> ³⁵ *mjeH, *mreH, *mleH	–	<i>mji</i> ²¹
mirror	<i>mjoʔ</i> ³¹	–	<i>mjoʔ</i> ²¹
winter	<i>mjo</i> ³¹ *mja, *mra, *mla	–	<i>mjo</i> ²¹
meow	<i>mjaŋ</i> ³¹ *mjiŋ, *mriŋ, *mliŋ	–	<i>mjiŋ</i> ⁵¹

Initial: mj:m:mj

	Maru	OBurm	Atsi
ask / question	<i>mjik</i> ⁵⁵	<i>miyh</i> *miH	<i>mji</i> ²¹
fire	<i>mji</i> ³⁵	<i>miḥ</i> *meH, *meH	<i>mji</i> ²¹

Initial: mj:mj:mj

	Maru	OBurm	Atsi
eye	<i>mjoʔ</i> ³¹ *mjak, *mrak, *mlak	<i>myak</i> *mjak	<i>mjoʔ</i> ²¹
monkey	<i>mjauk</i> ³¹ *mjuk, *mruk, *mluk	<i>myo₂k</i> *mjuk	<i>mju</i> ²¹
many / much	<i>mjo</i> ³⁵ *mjaH, *mraH, *mlaH	<i>myah</i> *mjaH	<i>mjo</i> ²¹

Initial: mj:mj:ʔmj

	Maru	OBurm	Atsi
swallow	<i>mjuk</i> ³¹ *mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	<i>myuiw</i> *mju	<i>mji</i> ⁵¹

Initial: mj:ml:mj

	Maru	OBurm	Atsi
peanut	<i>mjik</i> ³¹ *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	<i>mliy</i> *mli	<i>mji</i> ⁵¹

Initial: mj:mr:mj

	Maru	OBurm	Atsi
see	<i>mjɔ̃</i> ³¹ *mjaŋ, *mraŋ, *mlaŋ	<i>mrañ</i> *mraŋ	<i>mjaŋ</i> ⁵¹
horse	<i>mjɔ̃</i> ³⁵ *mjaŋH, *mraŋH, *mlaŋH	<i>mrañh</i> *mraŋH	<i>mjaŋ</i> ²¹

Initial: mj:m̥:mj

	Maru	OBurm	Atsi
face	<i>mjɔ̃ʔ</i> ³¹ *mjak, *mrak, *mlak	<i>mho₂k</i> *ʔmuk, *ʔmuk	<i>mjoʔ</i> ²¹

Initial: n:-:n

	Maru	OBurm	Atsi
patient	<i>nɔ̃</i> ³¹ *na	–	<i>no</i> ⁵¹
plowshare	<i>nɔ̃</i> ³¹	–	<i>na</i> ²¹
rest	<i>nɔ̃</i> ³⁵ *naH	–	<i>no</i> ²¹
early	<i>nɔ̃ʔ</i> ⁵⁵	–	<i>noʔ</i> ²¹
shiver / tremble	<i>nəŋ</i> ⁵⁵ *nanX	–	<i>nan</i> ⁵⁵
every day	<i>nɛʔ</i> ³¹ *nap, *nat	–	<i>nap</i> ²¹
stamp (one's foot)	<i>nɔ̃</i> ³⁵ *naŋH	–	<i>naŋ</i> ²¹
plait	<i>nak</i> ³¹	–	<i>nik</i> ²¹

	Maru	OBurm	Atsi
like (to eat)	*nik nuk ³¹	–	nau ⁵¹
baby	*nu, *nuH, *nuX nau ⁵⁵	–	nu ⁵⁵

Initial: n:-:ts

	Maru	OBurm	Atsi
chick	nau ⁵⁵	–	tso ²¹

Initial: n:-:ɲj

	Maru	OBurm	Atsi
be (in the house)	na ³¹ *ni	–	ɲji ⁵¹

Initial: n:-:ʔn

	Maru	OBurm	Atsi
ear / spike	nɛ ³¹ *nam	–	nam ⁵¹

Initial: n:n:n

	Maru	OBurm	Atsi
ill, to be	nɔ ³¹ *na	na *na	no ⁵¹
black	nɔʔ ³¹ *nak	nak *nak	noʔ ²¹
deep	nɔʔ ³¹ *nak	nak *nak	nik ²¹
smell	nɛ ³¹ *nam	namh *namH	nam ⁵¹
you	nɔ ³¹ *naŋ	nañ *naŋ	naŋ ⁵¹
milk	nuk ⁵⁵	nuiw? *nuX	no ²¹
red	nɛ ³¹	ni	ne ⁵¹

	Maru	OBurm	Atsi
	*nɛ	*ne, *nɛ	

Initial: n:n:ɲj

	Maru	OBurm	Atsi
day (time)	na ⁵⁵ *niX	niy? *niX	ɲji ⁵⁵

Initial: n:ŋ:ʔn

	Maru	OBurm	Atsi
ring in cow's nose used to lead it about	nŋʔ ³⁵	nha *ʔna, *ʔna	nŋ ⁵¹

Initial: p:-:p

	Maru	OBurm	Atsi
there is (water in the bowl)	pɔ ³¹ *ba	–	pɔ ⁵¹
rake (the fields)	pa ³⁵	–	pa ⁵⁵
all / whole, the	pəŋ ³¹ *ban	–	pan ²¹
strike (the table)	pɛʔ ³¹ *bap, *bat	–	pat ²¹
beat / thump	pɛʔ ³¹ *bap, *bat	–	pat ²¹
fall over / down	pɛʔ ³¹ *bap, *bat	–	pat ²¹
fight	pɛʔ ³¹ *bap, *bat	–	pat ²¹
come loose (shoelace)	pak ³¹ *bik	–	prk ²¹
guest	paŋ ⁵⁵ *biŋX	–	piŋ ⁵⁵
hill / mountain	pam ³¹ *bum, *bim	–	pum ⁵¹
steamer (of bamboo, for food)	pauŋ ³⁵ *buŋH	–	puŋ ²¹
monk	puŋ ³¹	–	puŋ ²¹

	Maru	OBurm	Atsi
rice (glutinous)	<i>pauŋ</i> ³⁵ *buŋH	–	<i>puŋ</i> ²¹

Initial: p:-:pj

	Maru	OBurm	Atsi
fan (winnowing)	<i>pɔ</i> ⁵⁵ *baX	–	<i>pjo</i> ⁵¹
tears	<i>pik</i> ³¹ *bi, *biH, *biX	–	<i>pji</i> ²¹

Initial: p:-:pu

	Maru	OBurm	Atsi
sweat	<i>pau</i> ³¹	–	<i>pui</i> ⁵¹
relatives	<i>pa</i> ³¹	–	<i>pui</i> ⁵¹
east	<i>pa</i> ³¹	–	<i>pui</i> ⁵¹

Initial: p:-:ʔp

	Maru	OBurm	Atsi
accomplish / succeed	<i>pəŋ</i> ³¹ *ban	–	<i>pan</i> ⁵⁵

Initial: p:p:p

	Maru	OBurm	Atsi
flower	<i>pəŋ</i> ³⁵ *banH	<i>panh</i> *banH	<i>pan</i> ²¹
snail	<i>pɛʔ</i> ³¹ *bap, *bat	<i>pak</i> *bak	<i>pap</i> ²¹
shoot (an arrow)	<i>pak</i> ³¹ *bik	<i>pac</i> *bik	<i>pik</i> ²¹
insect / worm	<i>puk</i> ⁵⁵	<i>puiwɰ</i> *buH	<i>pau</i> ²¹

Initial Correspondence

	Maru	OBurm	Atsi
rot	pap ³¹ *bup, *bip	pup *bup	pup ²¹

Initial: *ph:-:p^h*

	Maru	OBurm	Atsi
cock	phɔ ⁵⁵ *paX	–	pho ⁵⁵
escape / run away	phɔ̃ ³¹ *paŋ	–	phaŋ ⁵¹
untie / undo	phak ⁵⁵ *pik	–	phik ⁵⁵
expensive	phuk ⁵⁵ *pu, *puH, *puX	–	phau ²¹
turn over (on bed)	phauk ⁵⁵ *puk	–	phu? ⁵⁵
woodpecker	phauk ⁵⁵ *puk	–	phu? ⁵¹

Initial: *ph:-:ts*

	Maru	OBurm	Atsi
uncle (father's younger brother)	phɔ ⁵⁵ *paX	–	tso ²¹

Initial: *ph:-:v*

	Maru	OBurm	Atsi
uncle (mother's sister's husband)	phɔ ⁵⁵ *paX	–	va ²¹

Initial: *ph:-:ʔp*

	Maru	OBurm	Atsi
gruel / porridge	phɔʔ ⁵⁵ *pak	–	puʔ ⁵⁵

Initial: *ph:ph:v*

	Maru	OBurm	Atsi
father	phɔ ⁵⁵ *paX	phaʔ *paX, *ʔpaX, *ʔpaX	va ²¹

Initial: ph:pr:p^h

	Maru	OBurm	Atsi
butterfly	phə ³¹	pra *bra	phə ⁵⁵

Initial: phj:-pj

	Maru	OBurm	Atsi
separate (cause to)	phjɔʔ ⁵⁵ *pjak, *prak, *plak	–	pjoʔ ⁵⁵

Initial: phj:-p^hj

	Maru	OBurm	Atsi
hot / spicy	phjak ⁵⁵ *pjik, *prik, *plik	–	phjik ⁵⁵
consult / discuss	phje ⁵⁵ *pjeX, *preX, *pleX	–	phje ⁵⁵

Initial: phj:phl:p^hj

	Maru	OBurm	Atsi
white	phju ³¹ *pjo, *pro, *plo	phlu *plu, *ʔplu, *ʔplu	phju ⁵¹

Initial: pj:-pj

	Maru	OBurm	Atsi
fall / tumble down	pjik ³¹ *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	–	pjit ²¹
offer / dedicate	pjik ⁵⁵	–	pji ²¹

	Maru	OBurm	Atsi
break up (meeting) / end	<i>pjɔ</i>³¹ *bja, *bra, *bla	–	<i>pjo</i>⁵¹
make a row, racket	<i>pjoʔ</i>⁵⁵	–	<i>pjoʔ</i>²¹

Initial: pj:-:ʔpj

	Maru	OBurm	Atsi
cliff	<i>pjoʔ</i>³¹ *bjak, *brak, *blak	–	<i>pjoʔ</i>⁵⁵

Initial: pj:p:pj

	Maru	OBurm	Atsi
give	<i>pjik</i>⁵⁵	<i>piyh</i> *biH	<i>pji</i>²¹

Initial: pj:pl:pj

	Maru	OBurm	Atsi
full	<i>pjaŋ</i>⁵⁵ *bjijX, *brijX, *bliŋX	<i>plañʔ</i> *bliŋX	<i>pjiŋ</i>⁵⁵

Initial: pj:pr:pj

	Maru	OBurm	Atsi
sheath / scabbard	<i>pjɔ</i>³¹ *bjaŋ, *braŋ, *blaŋ	<i>prañ</i> *braŋ	<i>pjaŋ</i>⁵¹
pus	<i>pjaŋ</i>³¹ *bjij, *brij, *bliŋ	<i>prañ</i> *brij	<i>pjiŋ</i>⁵¹

Initial: s:-:s

	Maru	OBurm	Atsi
steam	<i>soʔ</i>⁵⁵	–	<i>soʔ</i>⁵⁵
next year	<i>sɔ̃</i>³¹ *saŋ	–	<i>saŋ</i>⁵¹

	Maru	OBurm	Atsi
host / master	saŋ ³¹ *siŋ	–	siŋ ⁵¹
oneself	saŋ ³¹ *siŋ	–	siŋ ⁵¹
walk	su ³⁵ *soH	–	so ²¹
paper	suk ⁵⁵ *su, *suH, *suX	–	sau ²¹
know	se ⁵⁵ *seX	–	se ⁵⁵
plank / board	sak ⁵⁵ *sik	–	sik ⁵⁵
mat	sai ³⁵ *saiH	–	sai ⁵⁵
rod / stick	se ³⁵ *seH	–	se ²¹

Initial: s:-f

	Maru	OBurm	Atsi
rainbow	saŋ ³¹ *siŋ	–	fiŋ ⁵⁵

Initial: s:r:s

	Maru	OBurm	Atsi
scatter (seeds)	səŋ ³⁵ *sanH	ro₁t	san ²¹

Initial: s:s:s

	Maru	OBurm	Atsi
nail	saŋ ³⁵ *siŋH	sañh *?siŋH, *siŋH, *fiŋH	siŋ ²¹
liver	saŋ ³⁵ *siŋH	sañh *?siŋH, *siŋH, *fiŋH	siŋ ²¹
three	sam ³¹ *sum, *sim	sumh *?sumH, *sumH, *fumH	sum ²¹
wood / log	sak ⁵⁵ *sik	sac *?sik, *sik, *fik	sik ⁵⁵
nest (bird)	sat ⁵⁵	suik	sut ⁵⁵

Initial Correspondence

	Maru	OBurm	Atsi
	*sut, *sit		

Initial: s:s:su

	Maru	OBurm	Atsi
blood	sa ³⁵	suyḥ *ʔsuiH, *suiH, *ʃuiH	sui ²¹

Initial: t:-:k^h

	Maru	OBurm	Atsi
back	t̃ ⁵⁵ *daŋX	–	khuy ⁵¹

Initial: t:-:t

	Maru	OBurm	Atsi
go upstairs	tɔʔ ³¹ *dak	–	toʔ ²¹
scar	tẽ ³¹ *dam	–	tam ⁵¹
catch (fire) / be (on fire)	tɛʔ ³¹ *dap, *dat	–	tap ²¹
circle / hover / wheel	t̃ ³⁵ *daŋH	–	taŋ ²¹
load on an animal's back	tɔ ³⁵ *daH	–	to ⁵⁵
roll (of cloth)	taŋ ³⁵ *diŋH	–	tiŋ ²¹
body	tau ³⁵	–	tu ²¹
classifier for birds	tau ³⁵	–	tu ²¹
cotton	tə ³¹	–	tǎʔ ²¹
willow	tau ³⁵	–	tu ²¹

Initial: t:-:ts

	Maru	OBurm	Atsi
injure / hurt (the arm)	tē ³¹ *dam	–	tsaŋ ⁵⁵
bundle / sheaf	taŋ ³⁵ *diŋH	–	tsuŋ ²¹

Initial: t:-ʃ

	Maru	OBurm	Atsi
dragonfly	təŋ ³¹ *dan	–	ʃu ²¹

Initial: t:-ʔt

	Maru	OBurm	Atsi
bean (broad)	tu ³⁵ *doH	–	tū ⁵⁵
bottle (of wine)	tau ³⁵	–	tāu ⁵⁵

Initial: t:-ʔtʃ

	Maru	OBurm	Atsi
owe (money)	tɛʔ ³¹ *dap, *dat	–	tʃin ⁵¹

Initial: t:t:t

	Maru	OBurm	Atsi
crawl (of people)	tu ³⁵ *doH	to₁h *doH	to ²¹
blunt / dull	tam ³⁵ *dumH, *dimH	tumh *dumH	tum ²¹
wing	tauŋ ³¹ *duŋ	to₂n *duŋ	tuy ⁵¹
look like / resemble	tøʔ ³¹	tu *du	tut ²¹

Initial: th:-ts

	Maru	OBurm	Atsi
flight of steps	th̃³¹ *taŋ	–	tsum⁵¹

Initial: th:-:t^h

	Maru	OBurm	Atsi
chin	th̃³¹ *taŋ	–	thaŋ⁵⁵
finger (little)	th̃⁵⁵ *taŋX	–	thaŋ⁵¹
prison	thoŋ³⁵	–	thoŋ⁵⁵
span (thumb to middle finger)	thu³¹ *to	–	tho⁵¹
open (an umbrella)	thauk⁵⁵ *tuk	–	thu?⁵⁵
spring (water)	thuk⁵⁵ *tu, *tuH, *tuX	–	tho⁵¹
withdraw / take out	thuk⁵⁵ *tu, *tuH, *tuX	–	tho?⁵⁵
embroider	thuk⁵⁵ *tu, *tuH, *tuX	–	thau²¹
hurt by stinging	thuk⁵⁵ *tu, *tuH, *tuX	–	thau²¹
stamp (one's foot)	thaŋ⁵⁵ *tiŋX	–	thiŋ⁵⁵
paddy fields	thauŋ³⁵ *tuŋH	–	thuy²¹
pestle / pound	thauŋ³⁵ *tuŋH	–	thuy²¹

Initial: th:-:v

	Maru	OBurm	Atsi
wood / log	thauŋ³⁵ *tuŋH	–	ve²¹

Initial: th:th:t^h

	Maru	OBurm	Atsi
over / above	tho?⁵⁵	thak	tho?⁵⁵

	Maru	OBurm	Atsi
sharp	*tak thɔʔ ⁵⁵	*ʔtak, *ʔtak, *tak thak	thoʔ ⁵⁵
firewood	*tak thɔ̃ ³⁵	*ʔtak, *ʔtak, *tak thañḥ	thaŋ ²¹
use or lean on (a walking stic	*taŋH thauk ⁵⁵	*ʔtaŋH, *ʔtaŋH, *taŋH tho₂k	thuʔ ⁵⁵
	*tuk	*ʔtuk, *ʔtuk, *tuk	

Initial: ts:-:m

	Maru	OBurm	Atsi
Tibetan	tsaŋ ³⁵ *dʒiŋH	–	muŋ ²¹

Initial: ts:-:s

	Maru	OBurm	Atsi
silkworm	tsɔ ³⁵ *dzaH	–	se ⁵¹
day (second of lunar month)	tsɔ ³⁵ *dzaH	–	sik ⁵⁵

Initial: ts:-:ts

	Maru	OBurm	Atsi
New Year's Day	tsəŋ ³¹ *dʒan	–	tsan ⁵¹
feed (pig) / pigwash	tsɔ ³¹ *dʒa	–	tsaŋ ²¹
rice (glutinous)	tsɔ̃ ³¹	–	tsaŋ ²¹
seedling (rice)	tsɔ ³¹ *dʒa	–	tse ²¹
baby	tsɔ̃ ³⁵	–	tsɔ̃ ²¹
old lady	tsɔ ³⁵ *dʒaH	–	tsɔ ²¹
old man	tsɔ ³⁵ *dʒaH	–	tso ²¹
orphan	tsɔ ³¹ *dʒa	–	tso ²¹

	Maru	OBurm	Atsi
nephew (brother's son)	tsɔ ³⁵ *dzaH	–	tso ²¹
shadow	tsɔ ³⁵ *dzaH	–	tso ²¹
chop / hew	tsəŋ ³⁵ *dzanH	–	tsan ⁵¹
sow	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
mare	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
pillar / column	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
neck	tsaŋ ³⁵ *dziŋH	–	tsiŋ ²¹
get together, all / assemble	tsaŋ ³⁵ *dziŋH	–	tsiŋ ²¹

Initial: ts:-:tsu

	Maru	OBurm	Atsi
work / labor	tsɔi ³¹	–	tsui ²¹
put one's hand on (sthg.) for	tsɔi ³⁵	–	tsui ²¹

Initial: ts:-:tʃ

	Maru	OBurm	Atsi
rust	tsɔ ³⁵	–	tʃo ⁵¹
open up wasteland	tsəŋ ³⁵ *dzanH	–	tʃum ²¹

Initial: ts:-:ʃ

	Maru	OBurm	Atsi
fabric (silk)	tsɔ ³¹ *dza	–	ʃu ²¹

Initial: ts:s:ts

	Maru	OBurm	Atsi
son	tso	saḥ *ʔsaH, *saH, *ʃaH	tso ²¹

Initial: ts:th:ts

	Maru	OBurm	Atsi
rice (cooked)	tsɔ ³¹ *dza	thaʔ *ʔtaX, *ʔtaX, *taX	tsaŋ ²¹

Initial: ts:tɕ:ts

	Maru	OBurm	Atsi
eat	tsɔ ³⁵ *dzaH	caḥ *dzaH, *dʒaH	tso ²¹
drum	tsaŋ ³¹ *dziŋ	cañ *dziŋ, *dʒiŋ	tsiŋ ⁵¹

Initial: tsh:-:m

	Maru	OBurm	Atsi
awn of wheat	tshẽ ³¹ *tsam	–	mi ²¹

Initial: tsh:-:n

	Maru	OBurm	Atsi
pal / partner	tshɔ̃ ³⁵	–	naŋ ⁵⁵

Initial: tsh:-:t

	Maru	OBurm	Atsi
roll up (cloth)	tshaŋ ³¹ *tsiŋ	–	tiŋ ²¹

Initial: *tsh:-:ts^h*

	Maru	OBurm	Atsi
repay	<i>tsheʔ</i> ⁵⁵ *tsap, *tsat	–	<i>tshap</i> ⁵⁵
connect / join	<i>tshoʔ</i> ⁵⁵ *tsak	–	<i>tshoʔ</i> ⁵⁵
deer	<i>tsheʔ</i> ⁵⁵ *tsap, *tsat	–	<i>tshat</i> ⁵⁵
fifty	<i>tshe</i> ³¹ *tse	–	<i>tshe</i> ⁵¹

Initial: *tsh:tɕh:ts^h*

	Maru	OBurm	Atsi
salt	<i>tsho</i> ³⁵ *tsaH	<i>chaḥ</i> *ʔtsaH, *ʔtjaH, *ʔtsaH, *ʔtjaH, *tsaH, *tjaH, *tsaH, *tjaH	<i>tsho</i> ⁵⁵
hair	<i>tshẽ</i> ³¹ *tsam	<i>cham</i> *ʔtsam, *ʔtjam, *ʔtsam, *ʔtjam, *tsam, *tjam, *tsam, *tjam	<i>tsham</i> ⁵¹
repay (a debt)	<i>tsheʔ</i> ⁵⁵ *tsap, *tsat	<i>chap</i> *ʔtsap, *ʔtjap, *ʔtsap, *ʔtjap, *tsap, *tjap, *tsap, *tjap	<i>tshap</i> ⁵⁵
twenty	<i>tshe</i> ³¹ *tse	<i>chay</i> *ʔtsai, *ʔtjai, *ʔtsai, *ʔtjai, *tsai, *tjai, *tsai, *tjai	<i>tshe</i> ⁵¹
oil (animal)	<i>tshau</i> ³¹	<i>chi</i> *ʔtse, *ʔtse, *ʔtfe, *ʔtfe, *ʔtse, *ʔtse, *ʔtfe, *ʔtfe, *tse, *tse, *tfe, *tfe, *tse, *tse, *tfe, *tfe	<i>tshu</i> ⁵¹

Initial: *tʃ:-:tʃ*

	Maru	OBurm	Atsi
right / correct	<i>tʃo</i> ³¹ *dʒa	–	<i>tʃo</i> ²¹
there are (trees on the mountain)	<i>tʃoʔ</i> ³¹	–	<i>tʃoʔ</i> ²¹

	Maru	OBurm	Atsi
break to pieces (grain)	*dʒak tʃɛʔ³¹	–	tʃap²¹
believe / trust	*dʒap, *dʒat tʃaŋ⁵⁵	–	tʃiŋ⁵⁵
dragon	*dʒiŋX tʃauŋ³⁵ *dʒuŋH	–	tʃum⁵¹

Initial: tʃh:-:tʃ^h

	Maru	OBurm	Atsi
buttocks	tʃhauʔ⁵⁵	–	tʃhi⁵⁵
dig out with finger	tʃhoʔ⁵⁵	–	tʃhoʔ⁵⁵
pulse (wrist)	*tʃak tʃhoʔ⁵⁵	–	tʃho⁵¹
cymbals	*tʃak tʃheʔ³¹	–	tʃheŋ⁵⁵
follow	tʃhɔ̃⁵⁵	–	tʃhaŋ⁵⁵
muntjac / deer (barking)	*tʃaŋX tʃhi⁵⁵ *tʃi, *tʃiH, *tʃiX	–	tʃhi⁵¹

Initial: tʃh:-:ʔtʃ

	Maru	OBurm	Atsi
armpit	tʃheʔ⁵⁵ *tʃap, *tʃat	–	tʃok⁵⁵

Initial: tʃh:khj:tʃ^h

	Maru	OBurm	Atsi
navel	tʃhoʔ⁵⁵ *tʃak	khyak *ʔkjak, *ʔkjak, *kjak	tʃhoʔ⁵⁵

Initial: tʃh:tɕh:tʃ^h

	Maru	OBurm	Atsi
	Maru	OBurm	Atsi
wash (clothes)	<i>tʃhik</i> ⁵⁵ *tʃi, *tʃiH, *tʃiX	<i>chiyh</i> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<i>tʃhi</i> ²¹
medicine	<i>tʃhik</i> ⁵⁵ *tʃi, *tʃiH, *tʃiX	<i>chiyh</i> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<i>tʃhi</i> ²¹

Initial: tʃh:tɕh:tʃ^hu

	Maru	OBurm	Atsi
widow	<i>tʃhuk</i> ⁵⁵ *tʃu, *tʃuH, *tʃuX	<i>chuiwh</i> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<i>tʃhui</i> ²¹

Initial: tʃu:-:tʃu

	Maru	OBurm	Atsi
rinse (the mouth)	<i>tʃui</i> ³⁵ *dʒuiH	–	<i>tʃui</i> ²¹

Initial: tʃu:tɕ:tʃ

	Maru	OBurm	Atsi
ride (a horse)	<i>tʃui</i> ³⁵ *dʒuiH	<i>cih</i> *dzeH, *dzeH, *dʒeH, *dʒeH	<i>tʃi</i> ²¹

Initial: v:-:k

	Maru	OBurm	Atsi
shoulder	<i>vɔʔ</i> ³¹ *wak	–	<i>koʔ</i> ²¹

Initial: v:-:v

	Maru	OBurm	Atsi
sow	vɔʔ³¹ *wak	–	vaʔ²¹
carry (sthg.) with a pole on t	vɔʔ³¹ *wak	–	vaʔ²¹
crops	vɔ³¹ *wa	–	va²¹
village	vɔ³¹ *wa	–	va⁵¹
tile	va³¹	–	va⁵¹
carry (money) on one	vəŋ³¹ *wan	–	vun⁵¹

Initial: v:r:v

	Maru	OBurm	Atsi
fall (rain)	vu³¹ *wo	ro₁ *ro	vo⁵¹

Initial: v:w:p^h

	Maru	OBurm	Atsi
stomach	vẽ³⁵	wamḥ *wamH	pham²¹

Initial: v:w:v

	Maru	OBurm	Atsi
pig	vɔʔ³¹ *wak	wak *wak	vaʔ²¹
bamboo	vɔ³⁵ *waH	wah *waH	va²¹
bear	vẽ³¹ *wam	wam *wam	vam⁵¹
wear (a bracelet)	vɛʔ³¹ *wap, *wat	wat *wat	vut²¹
enter (a house)	vɔ³¹ *waŋ	wañ *waŋ	vaŋ⁵¹

Initial: v:w:vu

Initial Correspondence

	Maru	OBurm	Atsi
buy	vai ³¹ *wai	way *wai	vui ⁵¹

Initial: x:-:x

	Maru	OBurm	Atsi
shy, be / bashful	xɔʔ ⁵⁵ *ʔrak	–	xoʔ ⁵⁵
otter	xẽ ³¹ *ʔram	–	xam ⁵¹
surname / name (family)	xu ³⁵ *ʔroH	–	xu ⁵⁵
plant / raise (wheat)	xɔ ³⁵ *ʔraH	–	xo ²¹
gold	xaŋ ³¹ *ʔriŋ	–	xiŋ ⁵¹
day before yesterday	xək ⁵⁵	–	xu ⁵⁵

Initial: x:r:x

	Maru	OBurm	Atsi
long	xaŋ ³¹ *ʔriŋ	rhañ *ʔriŋ, *ʔriŋ	xiŋ ⁵¹

Initial: ŋ:-:k

	Maru	OBurm	Atsi
fool / blockhead	ŋɔk ³¹	–	ko ⁵¹

Initial: ŋ:-:mu

	Maru	OBurm	Atsi
doze / nod off	ŋøʔ ³¹	–	mui ⁵¹

Initial: ŋ:-:ʔŋj

	Maru	OBurm	Atsi
set on fire	ŋa ⁵⁵	–	ŋje ⁵⁵

Initial: ɲ:ɲ:ɲ

	Maru	OBurm	Atsi
I	ɲɔ ³¹	ɲa	ɲa ⁵⁵
five	ɲɔ ⁵⁵	ɲah	ɲo ²¹
cry	*ɲaX ɲuk ³¹	*ɲaH ɲuiw	ɲau ⁵¹
silver	*ɲu, *ɲuH, *ɲuX ɲo ³¹	*ɲu ɲuy *ɲui	ɲun ⁵¹

Initial: ɲ:ɲ̥:ɲ

	Maru	OBurm	Atsi
banana (plantain)	ɲɔɔ ³¹ *ɲak	ɲhak *ɲak, *ɲak	ɲoɔ ⁵⁵

Initial: ɲj:-ɲj

	Maru	OBurm	Atsi
cooked, be (rice) / done	ɲjɔɔ ³¹ *ɲjak, *ɲrak, *ɲlak	–	ɲjoɔ ²¹
tongs (fire)	ɲjeɔ ³¹ *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat	–	ɲjap ²¹

Initial: ɲj:p:ɲj

	Maru	OBurm	Atsi
green	ɲjuk ³¹ *ɲju, *ɲjuH, *ɲjuX, *ɲru, *ɲruH, *ɲruX, *ɲlu, *ɲluH, *ɲluX	ɲuiw *ɲu	ɲjui ⁵¹

Initial: y:-:v

	Maru	OBurm	Atsi
pen (chicken)	ɣɔʔ ³¹ *rak	–	voʔ ²¹
soup	ɣaŋ ³⁵ *riŋH	–	viŋ ²¹
shave (the head)	ɣauk ³¹ *ruk	–	vuʔ ²¹

Initial: y:khj:v

	Maru	OBurm	Atsi
chicken	ɣɔʔ ³¹ *rak	khyak *ʔkjak, *ʔkjak, *kjak	voʔ ²¹

Initial: y:kr:ʔk

	Maru	OBurm	Atsi
big / large	ɣə ³⁵	kriḥ *greH, *greH	kə ²¹

Initial: y:r:v

	Maru	OBurm	Atsi
loom	ɣɔʔ ³¹ *rak	rak *rak	voʔ ²¹

Initial: ʃ:-:n

	Maru	OBurm	Atsi
fishy-smelling	ʃum ³¹	–	nam ⁵¹

Initial: ʃ:-:ʃ

	Maru	OBurm	Atsi
all / whole, the	ʃɔʔ ⁵⁵	–	ʃoʔ ⁵⁵

	Maru	OBurm	Atsi
person w / pockmarked face	*ʔrjak, *ʃak ʃɔʔ⁵⁵	–	ʃoʔ⁵⁵
few / little	*ʔrjak, *ʃak ʃau³¹	–	ʃau²¹
tongue	ʃɔ³¹	–	ʃo⁵¹
wok (large, iron) / pan	*ʔrja, *ʃa ʃɛ³¹	–	ʃam⁵¹
child	*ʔrjam, *ʃam ʃɔ³¹	–	ʃaŋ⁵¹
peach	*ʔrjaŋ, *ʃaŋ ʃi³⁵	–	ʃi⁵⁵
seed of Chinese prickly ash	ʃi³⁵	–	ʃi²¹
pull / drag (a log)	*ʔrjeH, *ʃeH ʃɛ³¹	–	ʃe⁵¹
pull / lead (a cow) along	*ʔrje, *ʃɛ ʃɛ³¹	–	ʃe⁵¹
	*ʔrje, *ʃɛ		

Initial: ʃ:rj:f

	Maru	OBurm	Atsi
eight	ʃɛʔ⁵⁵	rhyat	ʃit⁵⁵
	*ʔrjap, *ʔrjat, *ʃap, *ʃat	*ʔrjat, *ʔrjat	

Initial: ʃ:s:s

	Maru	OBurm	Atsi
sand	ʃɔ³¹	sayh	sǎ²¹
	*ʔrja, *ʃa	*ʔsaiH, *saiH, *ʃaiH	

Initial: ʃ:s:tsu

	Maru	OBurm	Atsi
bear (fruit)	ʃi³⁵	sih	tsui²¹
	*ʔrjeH, *ʃeH	*ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	

Initial: ʃ:s:ʃ

	Maru	OBurm	Atsi
flesh / muscle	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
meat	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
louse	ʃiŋ ³⁵	sanḥ *ʔsanH, *sanH, *ʃanH	ʃin ²¹
fruit	ʃi ³⁵ *ʔrjeH, *ʃeH	siḥ *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	ʃi ²¹
drink	ʃauk ⁵⁵ *ʔrjuk, *ʃuk	so₂k *ʔsuk, *suk, *ʃuk	ʃu ⁵⁵
die	ʃik ³¹	siy *ʔsi, *si, *ʃi	ʃi ⁵¹

Initial: ʒ:-:ʒ

	Maru	OBurm	Atsi
respective / individual / each	ʒe ³¹	–	ʒi ²¹

Initial: ʔ:-:ʔ

	Maru	OBurm	Atsi
cotton	ʔu ³¹	–	u ⁵¹
grandfather	a ³¹	–	a ⁵⁵
at the bottom of (a hill)	ɔ ³¹ *ʔa	–	o ⁵¹
elder sister	a ⁵⁵	–	a ⁵⁵
aunt (wife of father's younger brother)	a ³¹	–	a ⁵⁵
lower part of / lower reaches	ɔ ³¹ *ʔa	–	o ⁵¹
chin	ẽ ³¹ *ʔam	–	am ⁵¹

Initial: ʔ:r:ʔ

	Maru	OBurm	Atsi
sell	auŋ ³⁵ *ʔuŋH	ro₂ñh *ruŋH	uŋ ²¹

Initial: ʔ:ʔ:ʔ

	Maru	OBurm	Atsi
intestine	a	u *ʔu	u ⁵¹
head	au ³⁵	uh *ʔuH	u ²¹

Initial: ʔj:-:kj

	Maru	OBurm	Atsi
yell / shout	jɔ̃ ³¹ *jaŋ	–	kji ⁵¹

Initial: ʔj:-:v

	Maru	OBurm	Atsi
ask s.b. to come here / fetch	jɔ̃ ³¹ *jaŋ	–	vut ²¹

Initial: ʔj:-:ʒ

	Maru	OBurm	Atsi
one hundred and one	jɔ̃ ³¹ *ja	–	ʒa ²¹

Initial: ʔj:-:ʔj

	Maru	OBurm	Atsi
bee	jɔ̃ ³¹ *jaŋ	–	jaŋ ²¹
open up wasteland	jɔ̃ ³¹ *ja	–	jo ⁵¹

	Maru	OBurm	Atsi
lick / lap	jɔʔ³¹ *jak	–	joʔ²¹
edge / rim / margin	jẽ³¹ *jam	–	jam⁵¹
jar (earthen)	jẽ³⁵ *jamH	–	jam²¹
pot / jar / tin	jẽ³⁵ *jamH	–	jam²¹
they	jɔ̃³⁵ *jaŋH	–	jaŋ⁵⁵
he	jɔ̃³⁵ *jaŋH	–	jaŋ²¹
grow (a boil)	jauk³¹ *juk	–	juʔ²¹
askew / awry / slanting	jak⁵⁵ *ʔjik	–	joŋ⁵⁵
oneself	jam³¹ *ʔjum, *ʔjim	–	jum⁵¹

Initial: ʔj:j:ʔj

	Maru	OBurm	Atsi
right	jɔ³¹ *ja	ya *ʔja, *ja	jo⁵¹
angry, be / take offense	jo³¹	yaḥ *ʔjaH, *jaH	jo²¹
leak	juk³¹ *ju, *juH, *juX	yuiw *ʔju, *ju	jui⁵¹
man	jauk³¹ *juk	yo₂k *ʔjuk, *juk	juʔ²¹

Initial: ʔj:pj:ʔj

	Maru	OBurm	Atsi
fly	jɔ̃³¹ *jaŋ	pyam *bjam	jaŋ⁵¹

Initial: ʔj:rj:ʔj

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	Maru	OBurm	Atsi
stand	Maru jɛʔ³¹ *jap, *jat	OBurm ryap	Atsi jap²¹

Initial: ʔj:ʔ:ʔj

	Maru	OBurm	Atsi
dream	Maru jap³¹ *jup, *jip	OBurm ip *ʔip, *ʔjip, *jip	Atsi jup⁵⁵
house	Maru jam³¹ *ʔjum, *ʔjim	OBurm im *ʔim, *ʔjim, *jim	Atsi jum⁵¹

Initial: ʔk:-:ʔk

	Maru	OBurm	Atsi
wrap	Maru kak⁵⁵ *ʔkik	OBurm –	Atsi kjeʔ²¹

Initial: ʔk:-:ʔk

	Maru	OBurm	Atsi
knock / strike	Maru kɔʔ⁵⁵ *ʔkak	OBurm –	Atsi kɔk⁵⁵
put in (salt)	Maru kɛʔ⁵⁵ *ʔkap, *ʔkat	OBurm –	Atsi kat⁵⁵

Initial: ʔkj:-:ʔkj

	Maru	OBurm	Atsi
scale	Maru kjɛʔ⁵⁵ *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat	OBurm –	Atsi kjap⁵⁵
trivet	Maru kjɔ³¹ *ʔkja, *ʔkra, *ʔkla	OBurm –	Atsi kjo⁵¹
on the other side (of a riv	Maru kjɔ³¹ *ʔkja, *ʔkra, *ʔkla	OBurm –	Atsi kjo⁵¹
turtledove	Maru kjuk⁵⁵	OBurm –	Atsi kjui²¹

	Maru	OBurm	Atsi
comb	*ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX kjɔʔ⁵⁵	–	kjoʔ⁵⁵
frighten / scare	*ʔkjak, *ʔkrak, *ʔklak kjauk⁵⁵ *ʔkjuk, *ʔkruk, *ʔkluk	–	kjuʔ⁵⁵

Initial: ʔkj:KHR:ʔkj

	Maru	OBurm	Atsi
mosquito	kjɔ̃³¹	khrañ	kjaŋ⁵¹
burnt / scorched	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ kjauk⁵⁵ *ʔkjuk, *ʔkruk, *ʔkluk	*ʔkraŋ, *ʔkraŋ, *ʔkraŋ khro₂k *ʔkruk, *ʔkruk, *ʔkruk	kjuʔ⁵⁵

Initial: ʔkj:kr:ʔkj

	Maru	OBurm	Atsi
star	kji³¹ *ʔkje, *ʔkre, *ʔkle	kray *grai	kji⁵¹

Initial: ʔl:-:ʔl

	Maru	OBurm	Atsi
pants / trousers	lɔ̃³⁵	–	lɔ̃²¹
February	*ʔlaH lɔ̃⁵⁵	–	lɔ̃⁵⁵
damage / spoil	*ʔlaX lɔʔ⁵⁵	–	lɔʔ⁵⁵
mess up	*ʔlak lɔʔ⁵⁵	–	lɔʔ⁵⁵
bend	*ʔlak lɔʔ⁵⁵	–	lɔʔ⁵⁵
dry (clothes) in the sun	*ʔlak lɛʔ⁵⁵	–	lap⁵⁵
lightning	*ʔlap, *ʔlat lɛʔ⁵⁵	–	lap⁵⁵
circle / hover / wheel	*ʔlap, *ʔlat laŋ³¹ *ʔliŋ	–	liŋ⁵¹

	Maru	OBurm	Atsi
overthrow / down with	laŋ ³¹ *ʔliŋ	–	leŋ ²¹

Initial: ʔl:l:l

	Maru	OBurm	Atsi
fight / vie for	lat ⁵⁵ *ʔlut, *ʔlit	luʔ *luX	lu ⁵⁵

Initial: ʔl:l:ʔl

	Maru	OBurm	Atsi
boat / ship	la ³¹ *ʔli	lhiy *ʔli, *ʔli	lai ⁵¹
flea	la ³⁵ *ʔliH	lhiyh *ʔliH, *ʔliH	lai ²¹

Initial: ʔm:-:ʔm

	Maru	OBurm	Atsi
deceive / cheat	muḱ ⁵⁵ *ʔmu, *ʔmuH, *ʔmuX	–	mau ⁵⁵

Initial: ʔm:m:mj

	Maru	OBurm	Atsi
ripe, be (fruit)	maŋ ⁵⁵ *ʔmiŋX	mhañʔ *ʔmiŋX, *ʔmiŋX	mjiŋ ⁵⁵

Initial: ʔmj:m:ʔmj

	Maru	OBurm	Atsi
forget	mjik ⁵⁵ *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	miyʔ *miX	mji ⁵⁵

Initial: ʔn:-ʔn

	Maru	OBurm	Atsi
press / push down	<i>nai</i> ⁵⁵ *ʔnaiX	–	<i>ne</i> ⁵⁵
make / cause	<i>nɔ̃</i> ³¹ *ʔnaŋ	–	<i>naŋ</i> ⁵¹
scold	<i>nak</i> ⁵⁵ *ʔnik	–	<i>niŋ</i> ²¹

Initial: ʔn:ŋ:ʔn

	Maru	OBurm	Atsi
mucus (nasal)	<i>nɛʔ</i> ⁵⁵ *ʔnap, *ʔnat	<i>nhap</i> *ʔnap, *ʔnap	<i>nap</i> ⁵⁵
we (two)	<i>nak</i> ⁵⁵ *ʔnik	<i>nhac</i> *ʔnik, *ʔnik	<i>nik</i> ⁵⁵
last year	<i>nak</i> ⁵⁵ *ʔnik	<i>nhac</i> *ʔnik, *ʔnik	<i>nik</i> ⁵⁵
heart	<i>nak</i> ⁵⁵ *ʔnik	<i>nhac</i> *ʔnik, *ʔnik	<i>nik</i> ⁵⁵
lip	<i>nat</i> ⁵⁵ *ʔnut, *ʔnit	<i>nhut</i> *ʔnut, *ʔnut	<i>nut</i> ⁵⁵

Initial: ʔp:-ʔp

	Maru	OBurm	Atsi
calf	<i>pau</i> ⁵⁵	–	<i>pu</i> ⁵⁵
willow	<i>pəŋ</i> ³¹ *ʔpan	–	<i>pan</i> ²¹
kick	<i>pak</i> ⁵⁵ *ʔpik	–	<i>pik</i> ⁵⁵

Initial: ʔp:-ʔp

	Maru	OBurm	Atsi
smoke (a cigarette)	<i>pauk</i> ⁵⁵ *ʔpuk	–	<i>pok</i> ⁵⁵
cuddle / embrace	<i>pɔ̃</i> ³¹ *ʔpa	–	<i>pɔ̃</i> ⁵¹

	Maru	OBurm	Atsi
astringent	pəŋ ³¹ *ʔpan	–	pān ⁵¹
sting (of wasps)	pɛʔ ⁵⁵ *ʔpap, *ʔpat	–	pāt ⁵⁵
dregs / sediment	pøʔ ⁵⁵	–	pāt ⁵⁵

Initial: ʔp:ph:ʔp

	Maru	OBurm	Atsi
frog	pɔ ³⁵ *ʔpaH	phaḥ *paH, *ʔpaH, *ʔpaH	pǔ ²¹

Initial: ʔpj:-ʔpj

	Maru	OBurm	Atsi
porcupine	pju ³¹ *ʔpjo, *ʔpro, *ʔplo	–	pju ⁵¹
comb	pje ³⁵ *ʔpjeH, *ʔpreH, *ʔpleH	–	pje ²¹

Initial: ʔpj:ph:ʔpj

	Maru	OBurm	Atsi
horizontal	pji ³¹ *ʔpje, *ʔpre, *ʔple	phi *pe, *pe, *ʔpe, *ʔpe, *ʔpe, *ʔpe	pji ⁵¹

Initial: ʔs:-s

	Maru	OBurm	Atsi
stroke / touch	sø ⁵⁵	–	sop ⁵⁵
chaotic / disorderly / messy	sət ⁵⁵ *ʔsut, *ʔsit	–	sut ⁵⁵

Initial: ʔs:s:s

	Maru	OBurm	Atsi
kill	sɛʔ ⁵⁵ *ʔsap, *ʔsat	sat *ʔsat, *sat, *ʃat	sat ²¹
tree	sak ⁵⁵ *ʔsik	sac *ʔsik, *sik, *ʃik	sik ⁵⁵
wipe (the table)	sət ⁵⁵ *ʔsut, *ʔsit	sut *ʔsut, *sut, *ʃut	sut ⁵⁵

Initial: ʔt:-:ʔt

	Maru	OBurm	Atsi
throw / toss	tɔ̃ ⁵⁵ *ʔtaX	–	tu ⁵⁵
gather (of water) / build up	taŋ ⁵⁵ *ʔtiŋX	–	tiŋ ⁵⁵

Initial: ʔt:-:ʔt

	Maru	OBurm	Atsi
put in order / arrange	tɔ̃ ³⁵ *ʔtaH	–	tɔ̃ ²¹
rise / stand up	tɔ̃ ⁵⁵ *ʔtaX	–	tɔ̃ʔ ⁵⁵
light (a fire)	tɛʔ ⁵⁵ *ʔtap, *ʔtat	–	tap ⁵⁵
infect	tɛʔ ⁵⁵ *ʔtap, *ʔtat	–	tɔ̃ʔ ⁵⁵
near / close to	tɛʔ ⁵⁵ *ʔtap, *ʔtat	–	tep ⁵⁵
reverse	tuk ⁵⁵ *ʔtu, *ʔtuH, *ʔtuX	–	tau ²¹
welcome, bid s.b. / greet	tɔ̃i ³¹	–	tɛ ⁵¹

Initial: ʔt:-:ʔtʃ

	Maru	OBurm	Atsi
piece of cloth with straps for carrying a toddler	ta ⁵⁵ *ʔtiX	–	tʃi ⁵⁵

Initial: ʔt:k:t

	Maru	OBurm	Atsi
paste / stick / glue	<i>tɛʔ</i> ⁵⁵ *ʔtap, *ʔtat	<i>kap</i> *gap	<i>tap</i> ⁵⁵

Initial: ʔt:t:t

	Maru	OBurm	Atsi
tell	<i>tə</i> ⁵⁵ *ʔtiX	<i>tuin</i>	<i>tai</i> ²¹

Initial: ʔts:tɕh:ʔts

	Maru	OBurm	Atsi
cough	<i>tsuk</i> ⁵⁵ *ʔtsu, *ʔtsuH, *ʔtsuX	<i>chuiwḥ</i> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<i>tsau</i> ²¹
millet	<i>tsɛʔ</i> ⁵⁵ *ʔtsap, *ʔtsat	<i>chat</i> *ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	<i>tsap</i> ⁵⁵
lung	<i>tsat</i> ⁵⁵ *ʔtsut, *ʔtsit	<i>chut</i> *ʔtsut, *ʔtʃut, *ʔtsut, *ʔtʃut, *tsut, *tʃut, *tsut, *tʃut	<i>tsut</i> ⁵⁵

Initial: ʔtʃ:-:k

	Maru	OBurm	Atsi
kitchen	<i>tʃɔʔ</i> ⁵⁵ *ʔtʃak	–	<i>kai</i> ⁵⁵

Initial: ʔtʃ:-:tʃ

	Maru	OBurm	Atsi
testicle	<i>tʃik</i> ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<i>tʃi</i> ⁵⁵

Initial: [?]tʃ:-:ʃ^h

	Maru	OBurm	Atsi
block up / plug	tʃik ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	tʃhi ⁵⁵

Initial: [?]tʃ:-:ʔt

	Maru	OBurm	Atsi
wet	tʃuk ⁵⁵ *ʔtʃu, *ʔtʃuH, *ʔtʃuX	–	tɛʔ ⁵⁵

Initial: [?]tʃ:-:ʔtʃ

	Maru	OBurm	Atsi
cook / boil	tʃɔʔ ⁵⁵ *ʔtʃak	–	tʃoʔ ⁵⁵
decoct (herbal medicine)	tʃɔʔ ⁵⁵ *ʔtʃak	–	tʃoʔ ⁵⁵
narrow	tʃɛʔ ⁵⁵ *ʔtʃap, *ʔtʃat	–	tʃap ⁵⁵
borrow (money)	tʃik ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	tʃi ²¹

Initial: [?]ŋ:-:ʔŋ

	Maru	OBurm	Atsi
count (numbers)	ŋɛʔ ⁵⁵ *ʔŋap, *ʔŋat	–	ŋap ⁵⁵

Initial: [?]ŋ:ŋ:-:ʔŋ

	Maru	OBurm	Atsi
frost	ŋaŋ ³¹ *ʔŋan, *ʔŋiŋ	nhañh *ʔnaŋH, *ʔnaŋH	ŋan ⁵¹

Initial: [?]ŋ:ŋ:-:ʔŋ

	Maru	OBurm	Atsi
bird	ηɔʔ⁵⁵ *ʔηak	ñhak *ʔηak, *ʔηak	ηoʔ⁵⁵

Initial: ʔη:ʔ:ʔ

	Maru	OBurm	Atsi
needle	ηɛʔ⁵⁵ *ʔηap, *ʔηat	ap *ʔap	ap⁵⁵

Medial Correspondence

Medial: j:-:j

	Maru	OBurm	Atsi
give	<i>pjik</i> ⁵⁵	—	<i>pji</i> ²¹
fall / tumble down	<i>pjik</i> ³¹ *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	—	<i>pjit</i> ²¹
offer / dedicate	<i>pjik</i> ⁵⁵	—	<i>pji</i> ²¹
break up (meeting) / end	<i>pjo</i> ³¹ *bja, *bra, *bla	—	<i>pjo</i> ⁵¹
fall down (a house) / collapse	<i>kjoʔ</i> ³¹	—	<i>pjoʔ</i> ²¹
make a row, racket	<i>pjoʔ</i> ⁵⁵	—	<i>pjoʔ</i> ²¹
cliff	<i>pjoʔ</i> ³¹ *bjak, *brak, *blak	—	<i>pjoʔ</i> ⁵⁵
yell / shout	<i>jō</i> ³¹ *jaŋ	—	<i>kji</i> ⁵¹
bee	<i>jō</i> ³¹ *jaŋ	—	<i>jaŋ</i> ²¹
downstairs	<i>kjē</i> ³⁵ *gjamH, *gramH, *glamH	—	<i>kjam</i> ²¹
monk	<i>kji</i> ³¹ *gje, *gre, *gle	—	<i>kji</i> ²¹
soldier	<i>kje</i> ³¹ *gje, *gre, *glε	—	<i>kje</i> ⁵¹
team (of oxen)	<i>kja</i> ³⁵	—	<i>kja</i> ⁵⁵
cold (weather, water)	<i>kjoʔ</i> ³¹ *gjak, *grak, *glak	—	<i>kjoʔ</i> ²¹
thinner, get (body)	<i>kji</i> ⁵⁵ *gjeX, *greX, *gleX	—	<i>kji</i> ⁵⁵
copper (note:+red)	<i>kjik</i> ⁵⁵	—	<i>kji</i> ²¹
eaten one's fill, have	<i>kji</i> ³⁵	—	<i>kji</i> ²¹

	Maru	OBurm	Atsi
rust	*gjeH, *greH, *gleH kjik ⁵⁵	–	kjik ⁵⁵
clear (water)	kjaŋ ³⁵	–	kjiŋ ²¹
open up wasteland	*gjiŋH, *grinH, *glinH jɔ ³¹	–	jo ⁵¹
right	*ja jɔ ³¹	–	jo ⁵¹
angry, be / take offense	*ja jo ³¹	–	jo ²¹
lick / lap	jɔɿ ³¹	–	joɿ ²¹
edge / rim / margin	*jak jɛ ³¹	–	jam ⁵¹
jar (earthen)	*jam jɛ ³⁵	–	jam ²¹
pot / jar / tin	*jamH jɛ ³⁵	–	jam ²¹
stand	*jamH jɛɿ ³¹	–	jap ²¹
they	*jap, *jat jɔ ³⁵	–	jaŋ ⁵⁵
he	*jaŋH jɔ ³⁵	–	jaŋ ²¹
dream	*jaŋH jap ³¹	–	jup ⁵⁵
flow (of water)	*jup, *jip juk ³¹	–	jui ⁵¹
man	*ju, *juH, *juX jauk ³¹	–	juɿ ²¹
grow (a boil)	*juk jauk ³¹	–	juɿ ²¹
classifier for bowls	*juk khjɛ ⁵⁵	–	khjap ⁵⁵
month's (work)	*kjap, *kjat, *krap, *krat, *klap, *klat khjɛ ⁵⁵	–	khjap ⁵⁵
page	*kjap, *kjat, *krap, *krat, *klap, *klat khjɛ ⁵⁵	–	khjap ⁵⁵
scale	*kjap, *kjat, *krap, *krat, *klap, *klat kjɛ ⁵⁵	–	kjap ⁵⁵

	Maru	OBurm	Atsi
sheet (of paper)	*ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat khje ⁵⁵	–	khjap ⁵⁵
rafter (of building)	*kjap, *kjat, *krap, *krat, *klap, *klat khjə ³¹	–	khjan ⁵¹
puttee	*kjaŋ, *kraŋ, *klaŋ khjik ³¹	–	khji ⁵¹
hoof (note: +even _t oed)	khjik ³¹	–	khji ⁵¹
rescue / save	khji ³¹	–	khji ⁵¹
lay (eggs)	*kje, *kre, *kle khjo ⁵⁵	–	khjo ⁵⁵
garden (plot)	*kjaX, *kraX, *klaX khjē ³¹	–	khjam ⁵¹
trivet	*kjam, *kram, *klam kjə ³¹	–	kjo ⁵¹
on the other side (of a riv	*ʔkja, *ʔkra, *ʔkla kjə ³¹	–	kjo ⁵¹
road	*ʔkja, *ʔkra, *ʔkla khjo ³¹	–	khjo ⁵¹
goose	*kja, *kra, *kla khjə ⁵⁵	–	khjan ⁵⁵
blow (one's nose)	*kjaŋX, *kraŋX, *klaŋX khjuk ⁵⁵	–	khjui ²¹
turtledove	*kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX kjuk ⁵⁵	–	kjui ²¹
buckwheat	*ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX khjau ³¹	–	khjau ⁵⁵
worry / anxious, be	mjik ³¹	–	mjo ²¹
ask / question	*mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX mjik ⁵⁵	–	mji ²¹
set on fire	mji ³⁵	–	mji ²¹
marry	mji ³⁵	–	mji ²¹

	Maru	OBurm	Atsi
forget	*mjeH, *mreH, *mleH mjik ⁵⁵	–	mji ⁵⁵
face	*ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX mjoʔ ³¹	–	mjoʔ ²¹
mirror	*mjak, *mrak, *mlak mjoʔ ³¹	–	mjoʔ ²¹
winter	mjo ³¹	–	mjo ²¹
meow	*mja, *mra, *mla mjaŋ ³¹	–	mjiŋ ⁵¹
hot / spicy	*mjiŋ, *mriŋ, *mliŋ phjak ⁵⁵	–	phjik ⁵⁵
consult / discuss	*pjik, *prik, *plik phje ⁵⁵	–	phje ⁵⁵
unseam (clothing)	*pjeX, *preX, *pleX phjoʔ ⁵⁵	–	pjoʔ ⁵⁵
cooked, be (rice) / done	*pjak, *prak, *plak ŋjoʔ ³¹	–	ŋjoʔ ²¹
tongs (fire)	*ŋjak, *ŋrak, *ŋlak ŋjeʔ ³¹	–	ŋjap ²¹
blue	*ŋjap, *ŋjat, *ŋrap, *ŋrat, *ŋlap, *ŋlat ŋjuk ³¹	–	ŋjui ⁵¹
askew / awry / slanting	*ŋju, *ŋjuH, *ŋjuX, *ŋru, *ŋruH, *ŋruX, *ŋlu, *ŋluH, *ŋluX jak ⁵⁵	–	jon ⁵⁵
eaves	*ʔjik jam ³¹	–	jum ⁵¹
oneself	*ʔjum, *ʔjim jam ³¹	–	jum ⁵¹
comb	*ʔjum, *ʔjim kjoʔ ⁵⁵	–	kjoʔ ⁵⁵
frighten / scare	*ʔkjak, *ʔkrak, *ʔklak kjauk ⁵⁵	–	kjuʔ ⁵⁵
onion / scallion	*ʔkjuk, *ʔkruk, *ʔkluk khjaun ³⁵	–	khjoŋ ⁵⁵
horizontal	*kjuŋH, *kruŋH, *klunH pji ³¹	–	pji ⁵¹
porcupine	*ʔpje, *ʔpre, *ʔple pju ³¹	–	pju ⁵¹

	Maru	OBurm	Atsi
comb	*ʔpjo, *ʔpro, *ʔplo pje ³⁵ *ʔpjeH, *ʔpreH, *ʔpleH	–	pje ²¹

Medial: j:j:j

	Maru	OBurm	Atsi
fly	jɔ ³¹ *jaŋ	pyam *bjam	jaŋ ⁵¹
drop	kjɔ ⁵⁵ *gjaX, *graX, *glaX	kyaʔ *gjaX	kjo ⁵⁵
snap / break (a stick)	khjuk ⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	khyuiwḥ *ʔkjuH, *ʔkjuH, *kjuH	khjui ²¹
horn	khjuk ³¹	khyuiw *ʔkju, *ʔkju, *kju	khjui ⁵¹
eye	mjɔʔ ³¹ *mjak, *mrak, *mlak	myak *mjak	mjoʔ ²¹
swallow	mjuk ³¹ *mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	myuiw *mju	mji ⁵¹
monkey	mjauk ³¹ *mjuk, *mruk, *mluk	myo₂k *mjuk	mju ²¹
many / much	mjɔ ³⁵ *mjaH, *mraH, *mlaH	myaḥ *mjaH	mjo ²¹
cough	khjaun ³⁵ *kjunH, *kruŋH, *klunH	khyo₂nḥ *ʔkjunH, *ʔkjunH, *kjunH	khjun ²¹

Medial: j:l:j

	Maru	OBurm	Atsi
full	pjaŋ ⁵⁵ *bjinX, *brinX, *blinX	plañʔ *blinX	pjin ⁵⁵
excrement	khjik ⁵⁵ *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	khliyḥ *ʔkliH, *ʔkliH, *kliH	khji ²¹
sew (up)	khjap ⁵⁵	khlap	khjup ⁵⁵

	Maru	OBurm	Atsi
peanut	*kjup, *kjiḡ, *krup, *krip, *klup, *kliḡ mjiḡ ³¹	*ʔklup, *ʔklup, *klup mliḡ *mli	mji ⁵¹
white	*mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX phju ³¹	phlu *plu, *ʔplu, *ʔplu	phju ⁵¹

Medial: j:r:j

	Maru	OBurm	Atsi
soul / spirit	pjo ³¹ *bja, *bra, *bla	pra *bra	pjo ⁵¹
sheath / scabbard	pjō ³¹ *bjaḡ, *braḡ, *blaḡ	praḡ *braḡ	pjaḡ ⁵¹
pus	pjaḡ ³¹ *bjiḡ, *briḡ, *bliḡ	praḡ *briḡ	pjiḡ ⁵¹
hear	kjo ³⁵ *gjaH, *graH, *glaH	kraḡ *graH	kjo ²¹
tendon / sinew	kji ³¹ *gje, *gre, *gle	kro₂ḡ *gruk	kji ²¹
afraid, be	kjauk ³¹ *gjuk, *gruk, *gluk	kro₂k *gruk	kju ²¹
star	kji ³¹ *ʔkje, *ʔkre, *ʔkle	kraḡ *grai	kji ⁵¹
see	mjō ³¹ *mjaḡ, *mraḡ, *mlaḡ	mraḡ *mraḡ	mjaḡ ⁵¹
horse	mjō ³⁵ *mjaḡH, *mraḡH, *mlaḡH	mraḡḡ *mraḡH	mjaḡ ²¹
mosquito	kjō ³¹ *ʔkjaḡ, *ʔkraḡ, *ʔklaḡ	khraḡ *ʔkraḡ, *ʔkraḡ, *kraḡ	kjaḡ ⁵¹
six	khjauk ⁵⁵ *kjuk, *kruk, *kluk	khro₂k *ʔkruk, *ʔkruk, *kruk	khju ⁵⁵
burnt / scorched	kjauk ⁵⁵ *ʔkjuk, *ʔkruk, *ʔkluk	khro₂k *ʔkruk, *ʔkruk, *kruk	kju ⁵⁵

Medial: jh:r:j

	Maru	OBurm	Atsi
thread	kjhaḡ ³¹	khraḡ	khjiḡ ⁵¹

Medial Correspondence

	Maru	OBurm	Atsi
		*ʔkriŋ, *ʔkriŋ, *kriŋ	

Medial: u:-:u

	Maru	OBurm	Atsi
rinse (the mouth)	<i>tsui</i> ³⁵ *dʒuiH	–	<i>tsui</i> ²¹
grind (flour)	<i>lui</i> ³⁵ *luiH	–	<i>lui</i> ⁵⁵
millstones	<i>lui</i> ³⁵ *luiH	–	<i>lui</i> ⁵⁵

Rime Correspondence

Rime: -:a:ji

	Maru	OBurm	Atsi
cow	–	maʔ *maX	mji ⁵⁵

Rime: -:a:o

	Maru	OBurm	Atsi
patch (clothing)	–	pha *pa, *ʔpa, *ʔpa	pho ⁵¹

Rime: -:ak:ji

	Maru	OBurm	Atsi
morning	–	nak *nak	ŋji ⁵⁵

Rime: -:əw:au

	Maru	OBurm	Atsi
sheep	–	suiwḥ *ʔsuH, *suH, *ʃuH	sau ²¹

Rime: -:əw:en

	Maru	OBurm	Atsi
dye (stuff)	–	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	ten ⁵⁵

Rime: -:əw:jui

Rime Correspondence

	Maru	OBurm	Atsi
shrivel up / wither	–	ñhuiwḥ *ʔpuH, *ʔpuH	ɲɰi²¹

Rime: -:əŋ:jaŋ

	Maru	OBurm	Atsi
branch / twig	–	kuiṇḥ	kjaŋ⁵¹

Rime: -:uŋ:uŋ

	Maru	OBurm	Atsi
south	–	to₂ṇ *duŋ	tsuŋ⁵¹

Rime: a:-:a

	Maru	OBurm	Atsi
rake (the fields)	pa³⁵	–	pa⁵⁵
meal	ma⁵⁵	–	ma⁵¹
tile	va³¹	–	va⁵¹
grandfather	a³¹	–	a⁵⁵
elder sister	a⁵⁵	–	a⁵⁵
aunt (wife of father's younger brother)	a³¹	–	a⁵⁵

Rime: a:-:i

	Maru	OBurm	Atsi
piece of cloth with straps for carrying a toddler	ta⁵⁵ *ʔtiX	–	tʃi⁵⁵

Rime: a:-:je

	Maru	OBurm	Atsi
set on fire	ɲa ⁵⁵	–	ɲje ⁵⁵

Rime: a:-:ji

	Maru	OBurm	Atsi
be (in the house)	na ³¹ *ni	–	ɲji ⁵¹

Rime: a:-:ui

	Maru	OBurm	Atsi
relatives	pa ³¹	–	pui ⁵¹
east	pa ³¹	–	pui ⁵¹

Rime: a:u:u

	Maru	OBurm	Atsi
intestine	a	u *ʔu	u ⁵¹

Rime: a:uj:ui

	Maru	OBurm	Atsi
blood	sa ³⁵	suyḥ *ʔsuiH, *suiH, *ʃuiH	sui ²¹
dog	kha ³⁵	khuyḥ *ʔkuiH, *ʔkuiH, *kuiH	khui ²¹

Rime: a:əj:ai

	Maru	OBurm	Atsi
wind	la ³¹ *li	liy *li	lai ⁵¹
bow (for arrow)	la ³⁵ *liH	liyḥ *liH	lai ²¹
heavy	la ³⁵	liyḥ	lai ²¹

Rime Correspondence

	Maru	OBurm	Atsi
boat / ship	*liH la ³¹	*liH lhiy	lai ⁵¹
flea	*ʔli la ³⁵ *ʔliH	*ʔli, *ʔli lhiyh *ʔliH, *ʔliH	lai ²¹

Rime: a:əj:ji

	Maru	OBurm	Atsi
day (time)	na ⁵⁵ *niX	niyʔ *niX	ŋji ⁵⁵

Rime: a:əŋ:ai

	Maru	OBurm	Atsi
tell	ta ⁵⁵ *ʔtiX	tuiñ	tai ²¹

Rime: ai:-:ai

	Maru	OBurm	Atsi
mat	sai ³⁵ *saiH	–	sai ⁵⁵

Rime: ai:-:e

	Maru	OBurm	Atsi
man	kai ³¹ *gai	–	ke ⁵¹
press / push down	nai ⁵⁵ *ʔnaiX	–	ne ⁵⁵

Rime: ai:aj:e

	Maru	OBurm	Atsi
gnaw / nibble	khai ³⁵ *kaiH	khayh *ʔkaiH, *ʔkaiH, *kaiH	khe ²¹

Rime: ai:aj:ui

	Maru	OBurm	Atsi
buy	vai ³¹ *wai	way *wai	vui ⁵¹

Rime: ak:-:ak

	Maru	OBurm	Atsi
tangerine	mak ³¹ *mik	–	mak ²¹

Rime: ak:-:ik

	Maru	OBurm	Atsi
hail	lak ³¹ *lik	–	lik ²¹
plait	nak ³¹ *nik	–	nik ²¹
untie / undo	phak ⁵⁵ *pik	–	phik ⁵⁵
plank / board	sak ⁵⁵ *sik	–	sik ⁵⁵
kick	pak ⁵⁵ *ʔpik	–	pik ⁵⁵

Rime: ak:-:iŋ

	Maru	OBurm	Atsi
scold	naŋ ⁵⁵ *ʔnik	–	niŋ ²¹

Rime: ak:-:jeʔ

	Maru	OBurm	Atsi
wrap	kak ⁵⁵ *ʔkik	–	kjeʔ ²¹

Rime: ak:-:ɾk

	Maru	OBurm	Atsi
come loose (shoelace)	pak ³¹ *bik	–	prk ²¹

Rime: ak:ac:ik

	Maru	OBurm	Atsi
shoot (an arrow)	pak ³¹ *bik	pac *bik	pik ²¹
tree	sak ⁵⁵ *ʔsik	sac *ʔsik, *sik, *ʃik	sik ⁵⁵
wood / log	sak ⁵⁵ *sik	sac *ʔsik, *sik, *ʃik	sik ⁵⁵
we (two)	nak ⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik ⁵⁵
last year	nak ⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik ⁵⁵
heart	nak ⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik ⁵⁵

Rime: ak:an:ik

	Maru	OBurm	Atsi
prize / pry	kak ³¹ *gik	kan? *ganX	kik ²¹

Rime: am:-:um

	Maru	OBurm	Atsi
hill / mountain	pam ³¹ *bum, *bim	–	pum ⁵¹
rely / lean on	lam ³¹ *lum, *lim	–	lum ⁵¹
classifier for brooms	lam ³⁵ *lumH, *limH	–	lum ²¹
head	lam ³⁵ *lumH, *limH	–	lum ²¹

Rime: am:um:um

	Maru	OBurm	Atsi
blunt / dull	<i>tam</i> ³⁵ *dumH, *dimH	<i>tumḥ</i> *dumH	<i>tum</i> ²¹
heart	<i>lam</i> ³⁵ *lumH, *limH	<i>lumḥ</i> *lumH	<i>lum</i> ²¹
three	<i>sam</i> ³¹ *sum, *sim	<i>sumḥ</i> *ʔsumH, *sumH, *ʃumH	<i>sum</i> ²¹

Rime: ap:up:up

	Maru	OBurm	Atsi
rot	<i>pap</i> ³¹ *bup, *bip	<i>pup</i> *bup	<i>pup</i> ²¹

Rime: at:-:ut

	Maru	OBurm	Atsi
chaotic / disorderly / messy	<i>sət</i> ⁵⁵ *ʔsut, *ʔsit	–	<i>sut</i> ⁵⁵

Rime: at:u:u

	Maru	OBurm	Atsi
fight / vie for	<i>lat</i> ⁵⁵ *ʔlut, *ʔlit	<i>luʔ</i> *lɔX	<i>lu</i> ⁵⁵

Rime: at:ut:ut

	Maru	OBurm	Atsi
lip	<i>nat</i> ⁵⁵ *ʔnut, *ʔnit	<i>nhut</i> *ʔnut, *ʔnut	<i>nut</i> ⁵⁵
wipe (the table)	<i>sət</i> ⁵⁵ *ʔsut, *ʔsit	<i>sut</i> *ʔsut, *sut, *ʃut	<i>sut</i> ⁵⁵
lung	<i>tsət</i> ⁵⁵ *ʔtsut, *ʔtsit	<i>chut</i> *ʔtsut, *ʔtʃut, *ʔtsut, *ʔtʃut, *tsut, *tʃut, *tsut, *tʃut	<i>tsut</i> ⁵⁵

Rime: at:ək:ut

Rime Correspondence

	Maru	OBurm	Atsi
nest (bird)	sat ⁵⁵ *sut, *sit	suik	sut ⁵⁵

Rime: au:-:au

	Maru	OBurm	Atsi
few / little	ɬau ³¹	–	ɬau ²¹
bottle (of wine)	tau ³⁵	–	tau ⁵⁵

Rime: au:-:o

	Maru	OBurm	Atsi
chick	nau ⁵⁵	–	tso ²¹

Rime: au:-:u

	Maru	OBurm	Atsi
calf	pau ⁵⁵	–	pu ⁵⁵
body	tau ³⁵	–	tu ²¹
classifier for birds	tau ³⁵	–	tu ²¹
baby	nau ⁵⁵	–	nu ⁵⁵
cotton	au ³¹	–	u ⁵¹
willow	tau ³⁵	–	tu ²¹

Rime: au:-:ui

	Maru	OBurm	Atsi
sweat	pau ³¹	–	pui ⁵¹

Rime: au:i:u

	Maru	OBurm	Atsi
oil (animal)	tshau ³¹	chi *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *tse, *tse, *tʃe, *tʃe, *tse, *tse, *tʃe, *tʃe	tshu ⁵¹

Rime: au:u:u

	Maru	OBurm	Atsi
head	au ³⁵	uh *ʔuH	u ²¹

Rime: auk:-:ok

	Maru	OBurm	Atsi
smoke (a cigarette)	pauk ⁵⁵ *ʔpuk	–	pok ⁵⁵

Rime: auk:-:ui

	Maru	OBurm	Atsi
pick up	kauk ³¹ *guk	–	kui ⁵¹

Rime: auk:-:u?

	Maru	OBurm	Atsi
plough / till	phauk ⁵⁵ *puk	–	phu? ⁵⁵
woodpecker	phauk ⁵⁵ *puk	–	phu? ⁵¹
shave (the head)	yauk ³¹ *ruk	–	vu? ²¹
open (an umbrella)	thauk ⁵⁵ *tuk	–	thu? ⁵⁵

Rime: auk:uk:u?

	Maru	OBurm	Atsi
rice (paddy)	<i>kauk</i> ³¹ *guk	<i>ko₂k</i> *guk	<i>ku?</i> ²¹
use or lean on (a walking stick)	<i>thauk</i> ⁵⁵ *tuk	<i>tho₂k</i> *ʔtuk, *ʔtuk, *tuk	<i>thu?</i> ⁵⁵
drink	<i>ʃauk</i> ⁵⁵ *ʔrjuk, *ʃuk	<i>so₂k</i> *ʔsuk, *suk, *ʃuk	<i>ʃu?</i> ⁵⁵

Rime: auŋ:-e

	Maru	OBurm	Atsi
wood / log	<i>thauŋ</i> ³⁵ *tuŋH	–	<i>ve</i> ²¹

Rime: auŋ:-um

	Maru	OBurm	Atsi
dragon	<i>tʃauŋ</i> ³⁵ *dʒuŋH	–	<i>tʃum</i> ⁵¹

Rime: auŋ:-uŋ

	Maru	OBurm	Atsi
steamer (of bamboo, for food)	<i>pauŋ</i> ³⁵ *buŋH	–	<i>puŋ</i> ²¹
rice (glutinous)	<i>pauŋ</i> ³⁵ *buŋH	–	<i>puŋ</i> ²¹
paddy fields	<i>thauŋ</i> ³⁵ *tuŋH	–	<i>thuŋ</i> ²¹
pestle / pound	<i>thauŋ</i> ³⁵ *tuŋH	–	<i>thuŋ</i> ²¹

Rime: auŋ:uŋ:uŋ

	Maru	OBurm	Atsi
wing	<i>tauŋ</i> ³¹ *duŋ	<i>to₂ŋ</i> *duŋ	<i>tuŋ</i> ⁵¹
sell	<i>auŋ</i> ³⁵	<i>ro₂ŋh</i>	<i>uŋ</i> ²¹

	Maru	OBurm	Atsi
	*ʔuŋH	*ruŋH	

Rime: auʔ:-:i

	Maru	OBurm	Atsi
buttocks	tʃhauʔ⁵⁵	–	tʃhi⁵⁵

Rime: aŋ:-:eŋ

	Maru	OBurm	Atsi
fall over / down	laŋ³⁵ *liŋH	–	leŋ²¹
overthrow / down with	laŋ³¹ *ʔliŋ	–	leŋ²¹

Rime: aŋ:-:iŋ

	Maru	OBurm	Atsi
guest	paŋ⁵⁵ *biŋX	–	piŋ⁵⁵
sow	tsaŋ³¹ *dziŋ	–	tsiŋ⁵¹
mare	tsaŋ³¹ *dziŋ	–	tsiŋ⁵¹
pillar / column	tsaŋ³¹ *dziŋ	–	tsiŋ⁵¹
roll (of cloth)	taŋ³⁵ *diŋH	–	tiŋ²¹
neck	tsaŋ³⁵ *dziŋH	–	tsiŋ²¹
get together, all / assemble	tsaŋ³⁵ *dziŋH	–	tsiŋ²¹
roll up (cloth)	tshaŋ³¹ *tsiŋ	–	tiŋ²¹
believe / trust	tʃaŋ⁵⁵ *dʒiŋX	–	tʃiŋ⁵⁵
soup	yaŋ³⁵ *riŋH	–	viŋ²¹
host / master	saŋ³¹ *siŋ	–	siŋ⁵¹

	Maru	OBurm	Atsi
rainbow	saŋ ³¹ *siŋ	–	ʃiŋ ⁵⁵
oneself	saŋ ³¹ *siŋ	–	siŋ ⁵¹
circle / hover / wheel	laŋ ³¹ *ʔliŋ	–	liŋ ⁵¹
gold	xaŋ ³¹ *ʔriŋ	–	xiŋ ⁵¹
stamp (one's foot)	thaŋ ⁵⁵ *tiŋX	–	thiŋ ⁵⁵
gather (of water) / build up	taŋ ⁵⁵ *ʔtiŋX	–	tiŋ ⁵⁵

Rime: aŋ:-:uŋ

	Maru	OBurm	Atsi
bundle / sheaf	taŋ ³⁵ *diŋH	–	tsuŋ ²¹
Tibetan	tsaŋ ³⁵ *dziŋH	–	muŋ ²¹

Rime: aŋ:-:ɣŋ

	Maru	OBurm	Atsi
solid	kaŋ ³⁵ *ganH, *giŋH	–	kɣŋ ²¹

Rime: aŋ:am:an

	Maru	OBurm	Atsi
rainbow	kaŋ ³⁵ *ganH, *giŋH	tam *dam	kan ²¹

Rime: aŋ:aŋ:an

	Maru	OBurm	Atsi
frost	ŋaŋ ³¹ *ʔŋan, *ʔŋiŋ	nhan̩h *ʔnaŋH, *ʔnaŋH	ŋan ⁵¹

Rime: aŋ:aŋ:eʔ

	Maru	OBurm	Atsi
lie down	laŋ ³⁵ *liŋH	lañḥ *liŋH	leʔ ²¹

Rime: aŋ:aŋ:iŋ

	Maru	OBurm	Atsi
collar	laŋ ³¹ *liŋ	lañ *liŋ	lin ⁵¹

Rime: aŋ:aŋ:iŋ

	Maru	OBurm	Atsi
drum	tsaŋ ³¹ *dziŋ	cañ *dziŋ, *dʒiŋ	tsiŋ ⁵¹
nail	saŋ ³⁵ *siŋH	sañḥ *ʔsiŋH, *siŋH, *ʃiŋH	siŋ ²¹
liver	saŋ ³⁵ *siŋH	sañḥ *ʔsiŋH, *siŋH, *ʃiŋH	siŋ ²¹
long	xaŋ ³¹ *ʔriŋ	rhañ *ʔriŋ, *ʔriŋ	xiŋ ⁵¹

Rime: aŋ:aŋ:jiŋ

	Maru	OBurm	Atsi
name	maŋ ³¹ *miŋ	mañ *miŋ	mjiŋ ⁵¹
ripe, be (fruit)	maŋ ⁵⁵ *ʔmiŋX	mhañʔ *ʔmiŋX, *ʔmiŋX	mjiŋ ⁵⁵

Rime: aŋ:im:eŋ

	Maru	OBurm	Atsi
roll	laŋ ⁵⁵ *liŋX	limʔ *limX	leŋ ²¹

Rime: aŋ:um:iŋ

	Maru	OBurm	Atsi
circle / circular	laŋ ⁵⁵ *liŋX	lumḥ *lumH	liŋ ⁵⁵

Rime: i:-:i

	Maru	OBurm	Atsi
seed of Chinese prickly ash	ʃi ³⁵ *ʔrjeH, *ʃeH	–	ʃi ²¹

Rime: i:i:i

	Maru	OBurm	Atsi
fruit	ʃi ³⁵ *ʔrjeH, *ʃeH	siḥ *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	ʃi ²¹

Rime: i:i:ui

	Maru	OBurm	Atsi
bear (fruit)	ʃi ³⁵ *ʔrjeH, *ʃeH	siḥ *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	tsui ²¹

Rime: ik:-:i

	Maru	OBurm	Atsi
block up / plug	tʃik ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	tʃhi ⁵⁵
testicle	tʃik ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	tʃi ⁵⁵
borrow (money)	tʃik ⁵⁵ *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	tʃi ²¹
muntjac / deer (barking)	tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	–	tʃhi ⁵¹

Rime: ik:-:ji

	Maru	OBurm	Atsi
tears	pik ³¹ *bi, *biH, *biX	–	pji ²¹

Rime: ik:əj:i

	Maru	OBurm	Atsi
die	ʃik ³¹	siy *ʔsi, *si, *ʃi	ʃi ⁵¹
wash (clothes)	tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	chih *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	tʃhi ²¹
medicine	tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	chih *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	tʃhi ²¹

Rime: iŋ:an:in

	Maru	OBurm	Atsi
louse	ʃiŋ ³⁵	sanḥ *ʔsanH, *sanH, *ʃanH	ʃin ²¹

Rime: ja:-:ja

	Maru	OBurm	Atsi
team (of oxen)	kja ³⁵	–	kja ⁵⁵

Rime: jak:-:am

	Maru	OBurm	Atsi
locust	khjak ⁵⁵ *kʲik, *krik, *klik	–	kam ⁵⁵

Rime: jak:-:jik

	Maru	OBurm	Atsi
hot / spicy	phjak ⁵⁵	–	phjik ⁵⁵

	Maru	OBurm	Atsi
	*pjik, *prik, *plik		

Rime: jak:-:jon

	Maru	OBurm	Atsi
askew / awry / slanting	jak ⁵⁵ *ʔjik	–	jon ⁵⁵

Rime: jam:-:jum

	Maru	OBurm	Atsi
oneself	jam ³¹ *ʔjum, *ʔjim	–	jum ⁵¹

Rime: jam:im:jum

	Maru	OBurm	Atsi
house	jam ³¹ *ʔjum, *ʔjim	im *ʔim, *ʔjim, *jim	jum ⁵¹

Rime: jap:ip:jup

	Maru	OBurm	Atsi
dream	jap ³¹ *jup, *jip	ip *ʔip, *ʔjip, *jip	jup ⁵⁵

Rime: jap:lup:jup

	Maru	OBurm	Atsi
sew (up)	khjap ⁵⁵ *kjup, *kjip, *krup, *krip, *klup, *klip	khlap *ʔklup, *ʔklup, *klup	khjup ⁵⁵

Rime: jau:-:jau

	Maru	OBurm	Atsi
buckwheat	khjau ³¹	–	khjau ⁵⁵

	Maru	OBurm	Atsi
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Rime: jauk:-ju?

	Maru	OBurm	Atsi
grow (a boil)	jauk ³¹	–	ju? ²¹
	*juk		
frighten / scare	kjauk ⁵⁵	–	kju? ⁵⁵
	*?kjuk, *?kruk, *?kluk		

Rime: jauk:juk:ju?

	Maru	OBurm	Atsi
monkey	mjauk ³¹	myo₂k	mju? ²¹
	*mjuk, *mruk, *mluk	*mjuk	

Rime: jauk:rok:ju?

	Maru	OBurm	Atsi
afraid, be	kjauk ³¹	kro₂k	kju? ²¹
	*gjuk, *gruk, *gluk	*gruk	
six	khjauk ⁵⁵	khro₂k	khju? ⁵⁵
	*kjuk, *kruk, *kluk	*?kruk, *?kruk, *kruk	
burnt / scorched	kjauk ⁵⁵	khro₂k	kju? ⁵⁵
	*?kjuk, *?kruk, *?kluk	*?kruk, *?kruk, *kruk	

Rime: jauk:uk:ju?

	Maru	OBurm	Atsi
man	jauk ³¹	yo₂k	ju? ²¹
	*juk	*?juk, *juk	

Rime: jauŋ:-joŋ

	Maru	OBurm	Atsi
onion / scallion	khjauŋ ³⁵	–	khjoŋ ⁵⁵
	*kjuŋH, *kruŋH, *klunH		

Rime: jaʊŋ:juŋ:juŋ

	Maru	OBurm	Atsi
cough	khjaʊŋ ³⁵ *kjuŋH, *kruŋH, *kluŋH	khyo₂ñh *ʔkjuŋH, *ʔkjuŋH, *kjuŋH	khjuŋ ²¹

Rime: jaŋ:-:eŋ

	Maru	OBurm	Atsi
clear (water)	kjaŋ ³⁵ *gjiŋH, *griŋH, *gliŋH	–	seŋ ⁵¹

Rime: jaŋ:-:jiŋ

	Maru	OBurm	Atsi
meow	mjaŋ ³¹ *mjiŋ, *mriŋ, *mliŋ	–	mjiŋ ⁵¹

Rime: jaŋ:laŋ:jiŋ

	Maru	OBurm	Atsi
full	pjaŋ ⁵⁵ *bjiŋX, *briŋX, *bliŋX	plañ? *bliŋX	pjiŋ ⁵⁵

Rime: jaŋ:raŋ:jiŋ

	Maru	OBurm	Atsi
pus	pjaŋ ³¹ *bjiŋ, *briŋ, *bliŋ	prañ *briŋ	pjiŋ ⁵¹

Rime: jhaŋ:raŋ:jiŋ

	Maru	OBurm	Atsi
thread	kjhaŋ ³¹	khrañ *ʔkriŋ, *ʔkriŋ, *kriŋ	khjiŋ ⁵¹

Rime: ji:-ji

	Maru	OBurm	Atsi
monk	<i>kji</i> ³¹	–	<i>kji</i> ²¹
	*gje, *gre, *gle		
thinner, get (body)	<i>kji</i> ⁵⁵	–	<i>kji</i> ⁵⁵
	*gjeX, *greX, *gleX		
eaten one's fill, have	<i>kji</i> ³⁵	–	<i>kji</i> ²¹
	*gjeH, *greH, *gleH		
rescue / save	<i>khji</i> ³¹	–	<i>khji</i> ⁵¹
	*kje, *kre, *kle		
marry	<i>mji</i> ³⁵	–	<i>mji</i> ²¹
	*mjeH, *mreH, *mleH		

Rime: ji:i:ji

	Maru	OBurm	Atsi
horizontal	<i>pji</i> ³¹	<i>phi</i>	<i>pji</i> ⁵¹
	*ʔpje, *ʔpre, *ʔple	*pe, *pe, *ʔpe, *ʔpe, *ʔpe, *ʔpe	

Rime: ji:raj:ji

	Maru	OBurm	Atsi
star	<i>kji</i> ³¹	<i>kray</i>	<i>kji</i> ⁵¹
	*ʔkje, *ʔkre, *ʔkle	*grai	

Rime: ji:ro:ji

	Maru	OBurm	Atsi
tendon / sinew	<i>kji</i> ³¹	<i>kro₂h</i>	<i>kji</i> ²¹
	*gje, *gre, *gle		

Rime: jik:-ji

	Maru	OBurm	Atsi
offer / dedicate	<i>pjik</i> ⁵⁵	–	<i>pji</i> ²¹
copper (note:+red)	<i>kjik</i> ⁵⁵	–	<i>kji</i> ²¹

	Maru	OBurm	Atsi
puttee	khjik ³¹	–	khji ⁵¹
calf	khjik ³¹	–	khji ⁵¹

Rime: jik:-:jik

	Maru	OBurm	Atsi
rust	kjik ⁵⁵	–	kjik ⁵⁵

Rime: jik:-:jit

	Maru	OBurm	Atsi
fall / tumble down	pjik ³¹ *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	–	pjit ²¹

Rime: jik:-:jo

	Maru	OBurm	Atsi
worry / anxious, be	mjik ³¹ *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	–	mjo ²¹

Rime: jik:ləj:ji

	Maru	OBurm	Atsi
excrement	khjik ⁵⁵ *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	khliyh *?kliH, *?kliH, *kliH	khji ²¹
peanut	mjik ³¹ *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	mliy *mli	mji ⁵¹

Rime: jik:əj:ji

	Maru	OBurm	Atsi
give	pjik ⁵⁵	piyh *biH	pji ²¹
ask / question	mjik ⁵⁵	miyh *miH	mji ²¹
forget	mjik ⁵⁵ *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	miy? *miX	mji ⁵⁵

Rime: jo:a:jo

	Maru	OBurm	Atsi
angry, be / take offense	jo ³¹	yah *ʔjaH, *jaH	jo ²¹

Rime: jo?:-:jo?

	Maru	OBurm	Atsi
mirror	mjo? ³¹	–	mjo? ²¹

Rime: ju:-:ju

	Maru	OBurm	Atsi
porcupine	pju ³¹ *ʔpjo, *ʔpro, *ʔplo	–	pju ⁵¹

Rime: ju:lu:ju

	Maru	OBurm	Atsi
white	phju ³¹ *pjo, *pro, *plo	phlu *plu, *ʔplu, *ʔplu	phju ⁵¹

Rime: juk:-:jui

	Maru	OBurm	Atsi
blow (one's nose)	<i>khjuk</i> ⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	–	<i>khjui</i> ²¹
turtledove	<i>kjuk</i> ⁵⁵ *ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX	–	<i>kjui</i> ²¹

Rime: juk:jəw:ji

	Maru	OBurm	Atsi
swallow	<i>mjuk</i> ³¹ *mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	<i>myuiw</i> *mju	<i>mji</i> ⁵¹

Rime: juk:jəw:jui

	Maru	OBurm	Atsi
snap / break (a stick)	<i>khjuk</i> ⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	<i>khyuiwḥ</i> *ʔkjuH, *ʔkjuH, *kjuH	<i>khjui</i> ²¹
horn	<i>khjuk</i> ³¹	<i>khyuiw</i> *ʔkju, *ʔkju, *kju	<i>khjui</i> ⁵¹

Rime: juk:əw:jui

	Maru	OBurm	Atsi
leak	<i>juk</i> ³¹ *ju, *juH, *juX	<i>yuiw</i> *ʔju, *ju	<i>jui</i> ⁵¹
green	<i>ɲjuk</i> ³¹ *ɲju, *ɲjuH, *ɲjuX, *ɲru, *ɲruH, *ɲruX, *ɲlu, *ɲluH, *ɲluX	<i>ñuiw</i> *ɲu	<i>ɲjui</i> ⁵¹

Rime: jøʔ:-:joʔ

	Maru	OBurm	Atsi
	Maru	OBurm	Atsi
fall down (a house) / collapse	<i>kjəʔ</i> ³¹	–	<i>pjoʔ</i> ²¹

Rime: jĩ:i:ji

	Maru	OBurm	Atsi
plant ash	<i>mji</i> ³⁵	<i>miḥ</i> *meH, *meH	<i>mji</i> ²¹

Rime: jɔ:-:a

	Maru	OBurm	Atsi
one hundred and one	<i>jɔ</i> ³¹ *ja	–	<i>ʒa</i> ²¹
that side / there	<i>khjɔ</i> ³¹ *kja, *kra, *kla	–	<i>ma</i> ⁵⁵

Rime: jɔ:-:jo

	Maru	OBurm	Atsi
break up (meeting) / end	<i>pjɔ</i> ³¹ *bja, *bra, *bla	–	<i>pjo</i> ⁵¹
open up wasteland	<i>jɔ</i> ³¹ *ja	–	<i>jo</i> ⁵¹
lay (eggs)	<i>khjɔ</i> ⁵⁵ *kjaX, *kraX, *klaX	–	<i>khjo</i> ⁵⁵
trivet	<i>kjɔ</i> ³¹ *ʔkja, *ʔkra, *ʔkla	–	<i>kjo</i> ⁵¹
on the other side (of a riv	<i>kjɔ</i> ³¹ *ʔkja, *ʔkra, *ʔkla	–	<i>kjo</i> ⁵¹
road	<i>khjɔ</i> ³¹ *kja, *kra, *kla	–	<i>khjo</i> ⁵¹
winter	<i>mjo</i> ³¹ *mja, *mra, *mla	–	<i>mjo</i> ²¹

Rime: jɔ:a:jo

	Maru	OBurm	Atsi
right	jɔ̌ ³¹ *ja	ya *ʔja, *ja	jo ⁵¹

Rime: jɔ̌:ja:jo

	Maru	OBurm	Atsi
drop	kjɔ̌ ⁵⁵ *gjaX, *graX, *glaX	kyaʔ *gjaX	kjo ⁵⁵
many / much	mjɔ̌ ³⁵ *mjaH, *mraH, *mlaH	myaḥ *mjaH	mjo ²¹

Rime: jɔ̌:ra:jo

	Maru	OBurm	Atsi
hear	kjɔ̌ ³⁵ *gjaH, *graH, *glaH	kraḥ *graH	kjo ²¹

Rime: jɔ̌ʔ:-au

	Maru	OBurm	Atsi
dawn (the day)	mjɔ̌ʔ ³¹ *mjak, *mrak, *mlak	–	mau ²¹

Rime: jɔ̌ʔ:-joʔ

	Maru	OBurm	Atsi
make a row, racket	pjɔ̌ʔ ⁵⁵	–	pjoʔ ²¹
cliff	pjɔ̌ʔ ³¹ *bjak, *brak, *blak	–	pjoʔ ⁵⁵
cold (weather, water)	kjɔ̌ʔ ³¹ *gjak, *grak, *glak	–	kjoʔ ²¹
lick / lap	jɔ̌ʔ ³¹ *jak	–	joʔ ²¹
unseam (clothing)	phjɔ̌ʔ ⁵⁵ *pjak, *prak, *plak	–	pjoʔ ⁵⁵
cooked, be (rice) / done	ŋjɔ̌ʔ ³¹ *ŋjak, *ŋrak, *ŋlak	–	ŋjoʔ ²¹
comb	kjɔ̌ʔ ⁵⁵	–	kjoʔ ⁵⁵

	Maru	OBurm	Atsi
	*ʔkjak, *ʔkrak, *ʔklak		

Rime: jɔʔ:jak:joʔ

	Maru	OBurm	Atsi
eye	mjɔʔ³¹ *mjak, *mrak, *mlak	myak *mjak	mjoʔ²¹

Rime: jɔʔ:uk:joʔ

	Maru	OBurm	Atsi
face	mjɔʔ³¹ *mjak, *mrak, *mlak	mho₂k *ʔmuk, *ʔmuk	mjoʔ²¹

Rime: jɔ̃ ~ :-:jaŋ

	Maru	OBurm	Atsi
bee	jɔ̃³¹ *jaŋ	–	jaŋ²¹
they	jɔ̃³⁵ *jaŋH	–	jaŋ⁵⁵
he	jɔ̃³⁵ *jaŋH	–	jaŋ²¹
rafter (of building)	khjɔ̃³¹ *kjaŋ, *kraŋ, *klaŋ	–	khjaŋ⁵¹
goose	khjɔ̃⁵⁵ *kjaŋX, *kraŋX, *klaŋX	–	khjaŋ⁵⁵

Rime: jɔ̃ ~ :-:ji

	Maru	OBurm	Atsi
yell / shout	jɔ̃³¹ *jaŋ	–	kji⁵¹

Rime: jɔ̃ ~ :-:ut

	Maru	OBurm	Atsi
ask s.b. to come here / fetch	jɔ̃³¹	–	vut²¹

	Maru	OBurm	Atsi
	*jaŋ		

Rime: jɔ̃ ~ :jam:jaŋ

	Maru	OBurm	Atsi
fly	jɔ̃³¹ *jaŋ	pyam *bjam	jaŋ⁵¹

Rime: jɔ̃ ~ :raŋ:jaŋ

	Maru	OBurm	Atsi
sheath / scabbard	pjɔ̃³¹ *bjaŋ, *braŋ, *blaŋ	prañ *braŋ	pjaŋ⁵¹
see	mjɔ̃³¹ *mjaŋ, *mraŋ, *mlaŋ	mrañ *mraŋ	mjaŋ⁵¹
horse	mjɔ̃³⁵ *mjaŋH, *mraŋH, *mlaŋH	mrañḥ *mraŋH	mjaŋ²¹
mosquito	kjɔ̃³¹ *ʔkjaŋ, *ʔkraŋ, *ʔklaŋ	khrañ *ʔkraŋ, *ʔkraŋ, *kraŋ	kjaŋ⁵¹

Rime: jɛ:-:je

	Maru	OBurm	Atsi
soldier	kje³¹ *gje, *gre, *gle	–	kje⁵¹
consult / discuss	phje⁵⁵ *pjeX, *preX, *pleX	–	phje⁵⁵
comb	pje³⁵ *ʔpjeH, *ʔpreH, *ʔpleH	–	pje²¹

Rime: jɛʔ:-:at

	Maru	OBurm	Atsi
classifier for rope	khjeʔ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khat⁵⁵

Rime: jɛʔ:-:jap

	Maru	OBurm	Atsi
classifier for bowls	khjɛʔ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
month's (work)	khjɛʔ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
page	khjɛʔ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
scale	kjɛʔ⁵⁵ *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat	–	kjap⁵⁵
sheet (of paper)	khjɛʔ⁵⁵ *kjap, *kjat, *krap, *krat, *klap, *klat	–	khjap⁵⁵
tongs (fire)	ɲjɛʔ³¹ *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat	–	ɲjap²¹

Rime: jɛʔ:ap:jap

	Maru	OBurm	Atsi
stand	jɛʔ³¹ *jap, *jat	ryap	jap²¹

Rime: jẽ ~ :-:jam

	Maru	OBurm	Atsi
downstairs	kjẽ³⁵ *gjamH, *gramH,	–	kjam²¹
edge / rim / margin	*glamH jẽ³¹ *jam	–	jam⁵¹
jar (earthen)	jẽ³⁵ *jamH	–	jam²¹
pot / jar / tin	jẽ³⁵ *jamH	–	jam²¹
garden (plot)	khjẽ³¹ *kjam, *kram, *klam	–	khjam⁵¹

Rime: o:a:o

	Maru	OBurm	Atsi
son	tso	saḥ *ʔsaH, *saH, *ʃaH	tso ²¹

Rime: oʔ:-:oʔ

	Maru	OBurm	Atsi
steam	soʔ ⁵⁵	–	soʔ ⁵⁵

Rime: u:-:o

	Maru	OBurm	Atsi
cucumber	khu ³⁵ *koH	–	kho ²¹
walk	su ³⁵ *soH	–	so ²¹
span (thumb to middle finger)	thu ³¹ *to	–	tho ⁵¹

Rime: u:-:u

	Maru	OBurm	Atsi
bean (broad)	tu ³⁵ *doH	–	tṽ ⁵⁵
surname / name (family)	xu ³⁵ *ʔroH	–	xu ⁵⁵

Rime: u:o:o

	Maru	OBurm	Atsi
crawl (of people)	tu ³⁵ *doH	to₁ḥ *doH	to ²¹
fall (rain)	vu ³¹ *wo	ro₁ *ro	vo ⁵¹

Rime: ui:-:ui

	Maru	OBurm	Atsi
rinse (the mouth)	tfui ³⁵ *dʒuiH	–	tfui ²¹
grind (flour)	lui ³⁵ *luiH	–	lui ⁵⁵
millstones	lui ³⁵ *luiH	–	lui ⁵⁵

Rime: ui:i:i

	Maru	OBurm	Atsi
ride (a horse)	tfui ³⁵ *dʒuiH	cih *dzeH, *dʒeH, *dʒeH, *dʒeH	tfi ²¹

Rime: uk:-:au

	Maru	OBurm	Atsi
paper	muk ³¹ *mu, *muH, *muX	–	mau ⁵¹
like (to eat)	nuk ³¹ *nu, *nuH, *nuX	–	nau ⁵¹
expensive	phuk ⁵⁵ *pu, *puH, *puX	–	phau ²¹
paper	suk ⁵⁵ *su, *suH, *suX	–	sau ²¹
embroider	thuk ⁵⁵ *tu, *tuH, *tuX	–	thau ²¹
hurt by stinging	thuk ⁵⁵ *tu, *tuH, *tuX	–	thau ²¹
inside	khuk ³¹	–	khau ⁵¹
deceive / cheat	muk ⁵⁵ *ʔmu, *ʔmuH, *ʔmuX	–	məu ⁵⁵
reverse	tuk ⁵⁵ *ʔtu, *ʔtuH, *ʔtuX	–	tau ²¹

Rime: uk:-:eʔ

	Maru	OBurm	Atsi
wet	tfuk ⁵⁵ *ʔtfu, *ʔtfuH, *ʔtfuX	–	teʔ ⁵⁵

Rime: uk:-:o

	Maru	OBurm	Atsi
spring (water)	thuk ⁵⁵ *tu, *tuH, *tuX	–	tho ⁵¹

Rime: uk:-:oʔ

	Maru	OBurm	Atsi
withdraw / take out	thuk ⁵⁵ *tu, *tuH, *tuX	–	thoʔ ⁵⁵

Rime: uk:uj:au

	Maru	OBurm	Atsi
feather / plume	muk ⁵⁵	muyh *muiH	mau ⁵⁵

Rime: uk:əw:au

	Maru	OBurm	Atsi
insect / worm	puk ⁵⁵	puiwḥ *buH	pau ²¹
nine	kuk ³¹ *gu, *guH, *guX	kuiwḥ *guH	kau ²¹
mushroom	muk ³¹ *mu, *muH, *muX	mhuiw *ʔmu, *ʔmu	mau ⁵¹
thunder	muk ⁵⁵	muiwḥ *muH	mau ²¹
cough	tsuk ⁵⁵ *ʔtsu, *ʔtsuH, *ʔtsuX	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	tsau ²¹
cry	ŋuk ³¹ *ŋu, *ŋuH, *ŋuX	ñuiw *ŋu	ŋau ⁵¹
smoke	khuk ⁵⁵ *ku, *kuH, *kuX	khuiwḥ *ʔkuH, *ʔkuH, *kuH	khau ²¹
steal	khuk ⁵⁵ *ku, *kuH, *kuX	khuiwḥ *ʔkuH, *ʔkuH, *kuH	khau ²¹

Rime: uk:əw:ui

	Maru	OBurm	Atsi
widow	tʃhuk ⁵⁵ *tʃu, *tʃuH, *tʃuX	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	tʃhui ²¹

Rime: uk:əw:õ

	Maru	OBurm	Atsi
milk	nuk ⁵⁵	nuiwʔ *nuX	nõ ²¹

Rime: um:-:am

	Maru	OBurm	Atsi
fishy-smelling	ʃum ³¹	–	nam ⁵¹

Rime: uŋ:-:uŋ

	Maru	OBurm	Atsi
monk	puŋ ³¹	–	puŋ ²¹

Rime: ø:-:op

	Maru	OBurm	Atsi
stroke / touch	sø ⁵⁵	–	sop ⁵⁵

Rime: ø:uj:un

	Maru	OBurm	Atsi
money	ŋø ³¹	ñuy *ŋui	ŋun ⁵¹

Rime: øʔ:-:at

	Maru	OBurm	Atsi
dregs / sediment	pøʔ ⁵⁵	–	pat ⁵⁵

Rime: øʔ:-:jop

	Maru	OBurm	Atsi
sunken / dented	khøʔ ⁵⁵	–	khjop ⁵⁵

Rime: øʔ:-:ui

	Maru	OBurm	Atsi
doze / nod off	ŋøʔ ³¹	–	mui ⁵¹

Rime: øʔ:u:ut

	Maru	OBurm	Atsi
look like / resemble	tøʔ ³¹	tu *du	tut ²¹

Rime: ʔ:-:ʔ

	Maru	OBurm	Atsi
peach	ʃɪ ³⁵	–	ʃɪ ⁵⁵

Rime: ʔŋ:a:o

	Maru	OBurm	Atsi
ring in cow's nose used to lead it about	nŋʔ ³⁵	nha *ʔna, *ʔna	nŋ ⁵¹

Rime: ɔ:-:a

	Maru	OBurm	Atsi
uncle (mother's sister's husband)	phɔ ⁵⁵	–	va ²¹
	*paX		
crops	vɔ ³¹	–	va ²¹
	*wa		
village	vɔ ³¹	–	va ⁵¹
	*wa		

Rime: ɔ:-:aŋ

	Maru	OBurm	Atsi
feed (pig) / pigwash	tsɔ ³¹	–	tsaŋ ²¹
	*dza		

Rime: ɔ:-:e

	Maru	OBurm	Atsi
seedling (rice)	tsɔ ³¹	–	tse ²¹
	*dza		
silkworm	tsɔ ³⁵	–	se ⁵¹
	*dzaH		

Rime: ɔ:-:ik

	Maru	OBurm	Atsi
day (second of lunar month)	tsɔ ³⁵	–	sik ⁵⁵
	*dzaH		

Rime: ɔ:-:jo

	Maru	OBurm	Atsi
fan (winnowing)	pɔ ⁵⁵	–	pjo ⁵¹
	*baX		

Rime: ɔ:-:o

	Maru	OBurm	Atsi
there is (water in the bowl)	pɔ ³¹	–	po ⁵¹
	*ba		
right / correct	tʃɔ ³¹	–	tʃo ²¹

	Maru	OBurm	Atsi
load on an animal's back	*dʒa tɔ ³⁵	—	to ⁵⁵
old man	*daH tso ³⁵	—	tso ²¹
orphan	*dzaH tso ³¹	—	tso ²¹
nephew (brother's son)	*dza tso ³⁵	—	tso ²¹
shadow	*dzaH tso ³⁵	—	tso ²¹
clumsy / awkward	*dzaH ko ³¹	—	ko ⁵¹
donkey	*ga lo ³¹	—	lo ²¹
leopard / panther	*la lo ³⁵	—	lo ²¹
stallion	*laH lo ³⁵	—	lo ²¹
go out	*laH lo ⁵⁵	—	lo ⁵⁵
thumb	*laX mo ⁵⁵	—	mo ⁵⁵
patient	*maX no ³¹	—	no ⁵¹
rest	*na no ³⁵	—	no ²¹
uncle (father's younger brother)	*naH pho ⁵⁵	—	tso ²¹
cock	*paX pho ⁵⁵	—	pho ⁵⁵
tongue	*paX ʃo ³¹	—	ʃo ⁵¹
at the bottom of (a hill)	*ʔrja, *ʃa ɔ ³¹	—	ɔ ⁵¹
lower part of / lower reaches	*ʔa ɔ ³¹	—	ɔ ⁵¹
pants / trousers	*ʔa lɔ ³⁵	—	lɔ ²¹
cuddle / embrace	*ʔlaH pɔ ³¹	—	pɔ ⁵¹
plant / raise (wheat)	*ʔpa xɔ ³⁵	—	xo ²¹
put in order / arrange	*ʔraH tɔ ³⁵	—	tɔ ²¹

	Maru	OBurm	Atsi
	*ʔtaH		

Rime: ɔ:-:oʔ

	Maru	OBurm	Atsi
rise / stand up	tɔ̌ ⁵⁵ *ʔtaX	–	tɔʔ ⁵⁵

Rime: ɔ:-:u

	Maru	OBurm	Atsi
fabric (silk)	tsɔ̌ ³¹ *dza	–	ʃu ²¹
throw / toss	tɔ̌ ⁵⁵ *ʔtaX	–	tu ⁵⁵

Rime: ɔ:-:õ

	Maru	OBurm	Atsi
February	lɔ̌ ⁵⁵ *ʔlaX	–	lõ ⁵⁵

Rime: ɔ:-:ɔ

	Maru	OBurm	Atsi
old lady	tsɔ̌ ³⁵ *dzaH	–	tsɔ̌ ²¹

Rime: ɔ:a:a

	Maru	OBurm	Atsi
father	phɔ̌ ⁵⁵ *paX	phaʔ *paX, *ʔpaX, *ʔpaX	va ²¹
bamboo	vɔ̌ ³⁵ *waH	waḥ *waH	va ²¹

Rime: ɔ:a:aŋ

	Maru	OBurm	Atsi
rice (cooked)	tsɔ ³¹ *dza	thaʔ *ʔtaX, *ʔtaX, *taX	tsaŋ ²¹

Rime: ɔ:a:o

	Maru	OBurm	Atsi
eat	tsɔ ³⁵ *dzaH	caḥ *dzaH, *dʒaH	tso ²¹
flesh / muscle	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
meat	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
come out	lɔ ³¹ *la	la *la	lo ⁵¹
widow	mɔ ⁵⁵ *maX	maʔ *maX	mo ⁵⁵
ill, to be	nɔ ³¹ *na	na *na	no ⁵¹
salt	tshɔ ³⁵ *tsaH	chaḥ *ʔtsaH, *ʔtʃaH, *ʔtsaH, *ʔtʃaH, *tsaH, *tʃaH, *tsaH, *tʃaH	tsho ⁵⁵
five	ŋɔ ⁵⁵ *ŋaX	ṇaḥ *ŋaH	ŋo ²¹
bitter	kho ³⁵ *kaH	khaḥ *ʔkaH, *ʔkaH, *kaH	kho ²¹

Rime: ɔ:a:õ

	Maru	OBurm	Atsi
frog	pɔ ³⁵ *ʔpaH	phaḥ *paH, *ʔpaH, *ʔpaH	põ ²¹

Rime: ɔ:aj:ă

	Maru	OBurm	Atsi
sand	ʃɔ ³¹ *ʔrja, *ʃa	sayḥ *ʔsaiH, *saiH, *ʃaiH	să ²¹

Rime: ɔ:la:o

	Maru	OBurm	Atsi
tiger	lɔ ³⁵ *laH	klah *glaH	lo ²¹

Rime: ɔi:-e

	Maru	OBurm	Atsi
welcome, bid s.b. / greet	tɔi ³¹	–	tɛ ⁵¹

Rime: ɔi:-ui

	Maru	OBurm	Atsi
work / labor	tsɔi ³¹	–	tsui ²¹
put one's hand on (sthg.) for	tsɔi ³⁵	–	tsui ²¹

Rime: ɔk:-o

	Maru	OBurm	Atsi
fool / blockhead	ɣɔk ³¹	–	ko ⁵¹

Rime: ɔŋ:-oŋ

	Maru	OBurm	Atsi
prison	thɔŋ ³⁵	–	thoŋ ⁵⁵

Rime: ɔʔ:-ai

	Maru	OBurm	Atsi
kitchen	tʃɔʔ ⁵⁵ *ʔtʃak	–	kai ⁵⁵

Rime: ɔʔ:-aʔ

	Maru	OBurm	Atsi
sow	vɔʔ³¹ *wak	–	vaʔ²¹
carry (sthg.) with a pole on t	vɔʔ³¹ *wak	–	vaʔ²¹

Rime: ɔʔ:-:o

	Maru	OBurm	Atsi
pulse (wrist)	tʃhoʔ⁵⁵ *tʃak	–	tʃho⁵¹

Rime: ɔʔ:-:ok

	Maru	OBurm	Atsi
knock / strike	kɔʔ⁵⁵ *ʔkak	–	kɔk⁵⁵

Rime: ɔʔ:-:oʔ

	Maru	OBurm	Atsi
go upstairs	tɔʔ³¹ *dak	–	toʔ²¹
there are (trees on the mountain)	tʃɔʔ³¹ *dʒak	–	tʃoʔ²¹
crack / rift / fissure	kɔʔ³¹ *gak	–	koʔ²¹
cut / rip open	khɔʔ⁵⁵ *kak	–	khoʔ⁵⁵
shoulder	vɔʔ³¹ *wak	–	koʔ²¹
early	noʔ⁵⁵	–	noʔ²¹
pen (chicken)	ɣɔʔ³¹ *rak	–	voʔ²¹
all / whole, the	ʃɔʔ⁵⁵ *ʔrjak, *ʃak	–	ʃoʔ⁵⁵
person w / pockmarked face	ʃɔʔ⁵⁵ *ʔrjak, *ʃak	–	ʃoʔ⁵⁵
shy, be / bashful	xɔʔ⁵⁵ *ʔrak	–	xoʔ⁵⁵
connect / join	tshoʔ⁵⁵	–	tshoʔ⁵⁵

	Maru	OBurm	Atsi
	*tsak		
dig out with finger	tʃhoʔ⁵⁵	–	tʃhoʔ⁵⁵
	*tʃak		
cook / boil	tʃoʔ⁵⁵	–	tʃoʔ⁵⁵
	*ʔtʃak		
decoct (herbal medicine)	tʃoʔ⁵⁵	–	tʃoʔ⁵⁵
	*ʔtʃak		
damage / spoil	loʔ⁵⁵	–	loʔ⁵⁵
	*ʔlak		
mess up	loʔ⁵⁵	–	loʔ⁵⁵
	*ʔlak		
bend	loʔ⁵⁵	–	loʔ⁵⁵
	*ʔlak		

Rime: ɔʔ:-:uʔ

	Maru	OBurm	Atsi
gruel / porridge	phoʔ⁵⁵	–	puʔ⁵⁵
	*pak		

Rime: ɔʔ:ak:aʔ

	Maru	OBurm	Atsi
pig	vɔʔ³¹	wak	vaʔ²¹
	*wak	*wak	

Rime: ɔʔ:ak:ik

	Maru	OBurm	Atsi
deep	nɔʔ³¹	nak	nik²¹
	*nak	*nak	

Rime: ɔʔ:ak:oʔ

	Maru	OBurm	Atsi
finger	loʔ³¹	lak	loʔ²¹
	*lak	*lak	
son-in-law	mɔʔ³¹	mak	moʔ⁵⁵
	*mak	*mak	
dream	mɔʔ³¹	mak	moʔ²¹

	Maru	OBurm	Atsi
black	*mak nɔʔ³¹	*mak nak	noʔ²¹
loom	*nak ɣɔʔ³¹	*nak rak	voʔ²¹
over / above	*rak thɔʔ⁵⁵	*rak thak	thoʔ⁵⁵
sharp	*tak thɔʔ⁵⁵	*ʔtak, *ʔtak, *tak thak	thoʔ⁵⁵
banana (plantain)	*tak ŋɔʔ³¹	*ʔtak, *ʔtak, *tak nhak	ŋoʔ⁵⁵
bird	*ŋak ŋɔʔ⁵⁵	*ʔŋak, *ʔŋak nhak	ŋoʔ⁵⁵
	*ʔŋak	*ʔŋak, *ʔŋak	

Rime: ɔʔ:jak:oʔ

	Maru	OBurm	Atsi
chicken	ɣɔʔ³¹	khyak	voʔ²¹
navel	*rak tʃhoʔ⁵⁵	*ʔkjak, *ʔkjak, *kjak khyak	tʃhoʔ⁵⁵
	*tʃjak	*ʔkjak, *ʔkjak, *kjak	

Rime: ʃ ~ :-:an

	Maru	OBurm	Atsi
dragon	mʃ³¹ *maŋ	–	man⁵¹

Rime: ʃ ~ :-:aŋ

	Maru	OBurm	Atsi
circle / hover / wheel	tʃ³⁵	–	taŋ²¹
warm oneself by (a fire)	*daŋH kʃ³¹	–	kaŋ⁵¹
chest	*gaŋ kʃ³¹	–	kaŋ⁵¹
snake	*gaŋ lʃ³¹	–	laŋ⁵¹
well	*laŋ lʃ³⁵ *laŋH	–	laŋ⁵¹

	Maru	OBurm	Atsi
corpse	m̃³¹ *maŋ	–	maŋ⁵¹
stamp (one's foot)	ñ³⁵ *naŋH	–	naŋ²¹
escape / run away	ph̃³¹ *paŋ	–	phaŋ⁵¹
next year	s̃³¹ *saŋ	–	saŋ⁵¹
chin	th̃³¹ *taŋ	–	thaŋ⁵⁵
finger (little)	th̃⁵⁵ *taŋX	–	thaŋ⁵¹
follow	tʃh̃⁵⁵ *tʃaŋX	–	tʃhaŋ⁵⁵
child	ʃ̃³¹ *ʔrjaŋ, *ʃaŋ	–	ʃaŋ⁵¹
make / cause	ñ³¹ *ʔnaŋ	–	naŋ⁵¹

Rime: ̃ ~ :-:o

	Maru	OBurm	Atsi
river	l̃³¹ *laŋ	–	mo⁵⁵

Rime: ̃ ~ :-:um

	Maru	OBurm	Atsi
flight of steps	th̃³¹ *taŋ	–	tsum⁵¹

Rime: ̃ ~ :-:uŋ

	Maru	OBurm	Atsi
back	t̃⁵⁵ *daŋX	–	khun⁵¹

Rime: ̃ ~ :aŋ:aŋ

	Maru	OBurm	Atsi
husband	lɔ̃ ³¹	lañ	laŋ ⁵¹
	*laŋ	*laŋ	
wait	lɔ̃ ⁵⁵	lañ?	laŋ ⁵⁵
	*laŋX	*laŋX	
old / elderly	mɔ̃ ³⁵	mañh	maŋ ²¹
	*maŋH	*maŋH	
you	nɔ̃ ³¹	nañ	naŋ ⁵¹
	*naŋ	*naŋ	
firewood	thɔ̃ ³⁵	thanh	thaŋ ²¹
	*taŋH	*ʔtaŋH, *ʔtaŋH, *taŋH	
enter (a house)	vɔ̃ ³¹	wañ	vaŋ ⁵¹
	*waŋ	*waŋ	

Rime: ɔ̃ ~ :u:aŋ

	Maru	OBurm	Atsi
spider	kɔ̃ ³⁵	ku	kaŋ ²¹
	*gaŋH	*gu	

Rime: ɔ̃:-:aŋ

	Maru	OBurm	Atsi
rice (glutinous)	tsɔ̃ ³¹	–	tsaŋ ²¹
pal / partner	tshɔ̃ ³⁵	–	naŋ ⁵⁵

Rime: ɔ̃:-:o

	Maru	OBurm	Atsi
rust	tsɔ̃ ³⁵	–	tʃo ⁵¹

Rime: ɔ̃:-:ö

	Maru	OBurm	Atsi
baby	tsɔ̃ ³⁵	–	tsö ²¹

Rime: ʒ:a:a

	Maru	OBurm	Atsi
we	ŋɔ̃ ³¹	ña *ŋa	ŋa ⁵⁵

Rime: ə:ri:o

	Maru	OBurm	Atsi
big / large	ɣə ³⁵	kriḥ *greH, *grɛH	kɔ̃ ²¹

Rime: ək:-:u

	Maru	OBurm	Atsi
day before yesterday	xək ⁵⁵	–	xu ⁵⁵

Rime: əŋ:-:an

	Maru	OBurm	Atsi
accomplish / succeed	pəŋ ³¹ *ban	–	pən ⁵⁵
all / whole, the	pəŋ ³¹ *ban	–	pan ²¹
New Year's Day	tsəŋ ³¹ *dzan	–	tsan ⁵¹
chop / hew	tsəŋ ³⁵ *dzanH	–	tsan ⁵¹
accustomed to, be / habit of, haveve	məŋ ⁵⁵ *manX	–	man ⁵⁵
shiver / tremble	nəŋ ⁵⁵ *nanX	–	nan ⁵⁵
willow	pəŋ ³¹ *ʔpan	–	pan ²¹
astringent	pəŋ ³¹ *ʔpan	–	pən ⁵¹

Rime: əŋ:-:u

Rime Correspondence

	Maru	OBurm	Atsi
dragonfly	təŋ ³¹ *dan	–	fu ²¹

Rime: əŋ:-:um

	Maru	OBurm	Atsi
open up wasteland	tsəŋ ³⁵ *dzanH	–	tfum ²¹

Rime: əŋ:-:un

	Maru	OBurm	Atsi
carry (money) on one	vəŋ ³¹ *wan	–	vun ⁵¹

Rime: əŋ:an:an

	Maru	OBurm	Atsi
flower	pəŋ ³⁵ *banH	panḥ *banH	pan ²¹

Rime: əŋ:ot:an

	Maru	OBurm	Atsi
scatter (seeds)	səŋ ³⁵ *sanH	ro₁t	san ²¹

Rime: ə:-:a

	Maru	OBurm	Atsi
plowshare	nə ³¹	–	na ²¹

Rime: ə:-:au

	Maru	OBurm	Atsi
who	khə ³¹	–	xau ⁵⁵

Rime: ǎ:-:ǎ

	Maru	OBurm	Atsi
cat	lǎ ³¹	–	lǎ ²¹

Rime: ǎ:-:ǎʔ

	Maru	OBurm	Atsi
cotton	tǎ ³¹	–	tǎ ²¹

Rime: ǎ:ra:ǎ

	Maru	OBurm	Atsi
butterfly	phǎ ³¹	pra *bra	phǎ ⁵⁵

Rime: ɛ:-:e

	Maru	OBurm	Atsi
know	sɛ ⁵⁵ *sɛX	–	sɛ ⁵⁵
pull / drag (a log)	ʃɛ ³¹ *ʔrjɛ, *ʃɛ	–	ʃɛ ⁵¹
pull / lead (a cow) along	ʃɛ ³¹ *ʔrjɛ, *ʃɛ	–	ʃɛ ⁵¹
rod / stick	sɛ ³⁵ *sɛH	–	sɛ ²¹
fifty	tshe ³¹ *tsɛ	–	tshe ⁵¹

Rime: ɛ:-:ĩ

	Maru	OBurm	Atsi
respective / individual / each	ʒɛ ³¹	–	ʒĩ ²¹

Rime: ɛ:aj:e

	Maru	OBurm	Atsi
twenty	<i>tshe</i> ³¹ *tse	<i>chay</i> *ʔtsai, *ʔtʃai, *ʔtsai, *ʔtʃai, *tsai, *tʃai, *tsai, *tʃai	<i>tshe</i> ⁵¹

Rime: ɛ:i:e

	Maru	OBurm	Atsi
red	<i>ne</i> ³¹ *nɛ	<i>ni</i> *ne, *nɛ	<i>ne</i> ⁵¹

Rime: ɛʔ:-:ap

	Maru	OBurm	Atsi
catch (fire) / be (on fire)	<i>tɛʔ</i> ³¹ *dap, *dat	–	<i>tap</i> ²¹
break to pieces (grain)	<i>tʃɛʔ</i> ³¹ *dʒap, *dʒat	–	<i>tʃap</i> ²¹
repay	<i>tsheʔ</i> ⁵⁵ *tsap, *tsat	–	<i>tshap</i> ⁵⁵
every day	<i>nɛʔ</i> ³¹ *nap, *nat	–	<i>nap</i> ²¹
dry (clothes) in the sun	<i>lɛʔ</i> ⁵⁵ *ʔlap, *ʔlat	–	<i>lap</i> ⁵⁵
lightning	<i>lɛʔ</i> ⁵⁵ *ʔlap, *ʔlat	–	<i>lap</i> ⁵⁵
light (a fire)	<i>tɛʔ</i> ⁵⁵ *ʔtap, *ʔtat	–	<i>tap</i> ⁵⁵
narrow	<i>tʃɛʔ</i> ⁵⁵ *ʔtʃap, *ʔtʃat	–	<i>tʃap</i> ⁵⁵
count (numbers)	<i>ŋɛʔ</i> ⁵⁵ *ʔŋap, *ʔŋat	–	<i>ŋap</i> ⁵⁵

Rime: ɛʔ:-:at

	Maru	OBurm	Atsi
strike (the table)	<i>pɛʔ</i> ³¹ *bap, *bat	–	<i>pat</i> ²¹
beat / thump	<i>pɛʔ</i> ³¹ *bap, *bat	–	<i>pat</i> ²¹
fall over / down	<i>pɛʔ</i> ³¹	–	<i>pat</i> ²¹

	Maru	OBurm	Atsi
fight	*bap, *bat pɛʔ³¹	–	pat²¹
blade (of grass)	*bap, *bat kheʔ⁵⁵	–	khat⁵⁵
chase after	*kap, *kat kheʔ⁵⁵	–	khat⁵⁵
deer	*kap, *kat tsheʔ⁵⁵	–	tshat⁵⁵
put in (salt)	*tsap, *tsat kɛʔ⁵⁵	–	kat⁵⁵
sting (of wasps)	*ʔkap, *ʔkat pɛʔ⁵⁵	–	pat⁵⁵
	*ʔpap, *ʔpat		

Rime: ɛʔ:-:ep

	Maru	OBurm	Atsi
near / close to	tɛʔ⁵⁵ *ʔtap, *ʔtat	–	tep⁵⁵

Rime: ɛʔ:-:eŋ

	Maru	OBurm	Atsi
cymbals	tʃheʔ³¹	–	tʃheŋ⁵⁵

Rime: ɛʔ:-:in

	Maru	OBurm	Atsi
owe (money)	tɛʔ³¹ *dap, *dat	–	tʃin⁵¹

Rime: ɛʔ:-:ji

	Maru	OBurm	Atsi
coal	mɛʔ³¹ *map, *mat	–	mji²¹

Rime: ɛʔ:-:ok

	Maru	OBurm	Atsi
armpit	tʃheʔ⁵⁵ *tʃap, *tʃat	–	tʃok⁵⁵

Rime: ɛʔ:-:oʔ

	Maru	OBurm	Atsi
infect	tɛʔ⁵⁵ *ʔtap, *ʔtat	–	tɔʔ⁵⁵

Rime: ɛʔ:-:ə

	Maru	OBurm	Atsi
ink (Chinese)	mɛʔ³¹ *map, *mat	–	mə²¹

Rime: ɛʔ:ak:ap

	Maru	OBurm	Atsi
snail	pɛʔ³¹ *bap, *bat	pak *bak	pap²¹

Rime: ɛʔ:ap:ap

	Maru	OBurm	Atsi
repay (a debt)	tsheʔ⁵⁵ *tsap, *tsat	chap *ʔtsap, *ʔtʃap, *ʔtsap, *ʔtʃap, *tsap, *tʃap, *tsap, *tʃap	tshap⁵⁵
mucus (nasal)	nɛʔ⁵⁵ *ʔnap, *ʔnat	nhap *ʔnap, *ʔnap	nap⁵⁵
paste / stick / glue	tɛʔ⁵⁵ *ʔtap, *ʔtat	kap *gap	tap⁵⁵
needle	ŋɛʔ⁵⁵ *ʔŋap, *ʔŋat	ap *ʔap	ap⁵⁵

Rime: ɛʔ:at:ap

	Maru	OBurm	Atsi
millet	<i>tsɛʔ⁵⁵</i> *ʔtsap, *ʔtsat	<i>chat</i> *ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	<i>tsap⁵⁵</i>

Rime: ɛʔ:at:at

	Maru	OBurm	Atsi
kill	<i>sɛʔ⁵⁵</i> *ʔsap, *ʔsat	<i>sat</i> *ʔsat, *sat, *ʃat	<i>sat²¹</i>

Rime: ɛʔ:at:it

	Maru	OBurm	Atsi
eight	<i>ʃɛʔ⁵⁵</i> *ʔrjap, *ʔrjat, *ʃap, *ʃat	<i>rhyat</i> *ʔrjat, *ʔrjat	<i>ʃit⁵⁵</i>

Rime: ɛʔ:at:ut

	Maru	OBurm	Atsi
wear (a bracelet)	<i>vɛʔ³¹</i> *wap, *wat	<i>wat</i> *wat	<i>vut²¹</i>

Rime: ẽ ~ -:am

	Maru	OBurm	Atsi
scar	<i>tẽ³¹</i> *dam	—	<i>tam⁵¹</i>
divide / share (things)	<i>kẽ³¹</i> *gam	—	<i>kam⁵¹</i>
classifier for trees	<i>kẽ³¹</i> *gam	—	<i>kam⁵¹</i>
spacious / commodious	<i>lẽ³¹</i> *lam	—	<i>lam⁵¹</i>
fathom	<i>lẽ³¹</i> *lam	—	<i>lam⁵¹</i>
otter	<i>xẽ³¹</i> *ʔram	—	<i>xam⁵¹</i>
wok (large, iron) / pan	<i>ʃẽ³¹</i> *ʔrjam, *ʃam	—	<i>ʃam⁵¹</i>

	Maru	OBurm	Atsi
chin	ẽ³¹	–	am⁵¹
	*ʔam		
ear / spike	nẽ³¹	–	nam⁵¹
	*nam		

Rime: ẽ ~ :-: aŋ

	Maru	OBurm	Atsi
injure / hurt (the arm)	tẽ³¹	–	tsaŋ⁵⁵
	*dam		

Rime: ẽ ~ :-: i

	Maru	OBurm	Atsi
awn of wheat	tshẽ³¹	–	mi²¹
	*tsam		

Rime: ẽ ~ :am:am

	Maru	OBurm	Atsi
smell	nẽ³¹	namḥ	nam⁵¹
	*nam	*namH	
hair	tshẽ³¹	cham	tsham⁵¹
	*tsam	*ʔtsam, *ʔtʃam, *ʔtsam, *ʔtʃam, *tsam, *tʃam, *tsam, *tʃam	
bear	vẽ³¹	wam	vam⁵¹
	*wam	*wam	

Rime: ẽ ~ :ap:am

	Maru	OBurm	Atsi
fetch / draw (water)	khẽ³¹	khap	kham⁵¹
	*kam	*ʔkap, *ʔkap, *kap	

Rime: ẽ ~ :am:am

	Maru	OBurm	Atsi
stomach	vẽ³⁵	wamḥ	pham²¹

	Maru	OBurm	Atsi
		*wamH	

	Maru	OBurm	Atsi
south	–	<i>to₂n̥</i> *duŋ	<i>tsuŋ</i> ⁵¹
patch (clothing)	–	<i>pha</i> *pa, *ʔpa, *ʔpa	<i>pho</i> ⁵¹

	Maru	OBurm	Atsi
morning	–	<i>nak</i> *nak	<i>nji</i> ⁵⁵

	Maru	OBurm	Atsi
cow	–	<i>ma?</i> *maX	<i>mji</i> ⁵⁵

	Maru	OBurm	Atsi
son	–	<i>sah</i> *ʔsaH, *saH, *ʃaH	<i>tso</i> ²¹
sheep	–	<i>suiwḥ</i> *ʔsuH, *suH, *ʃuH	<i>sau</i> ²¹
shrivel up / wither	–	<i>ñhuiwḥ</i> *ʔpuH, *ʔpuH	<i>ɲjuɪ</i> ²¹

	Maru	OBurm	Atsi
branch / twig	–	<i>kuiŋh</i>	<i>kjaŋ</i> ⁵¹

Tone: -:⁵⁵·:⁵⁵

	Maru	OBurm	Atsi
dye (stuff)	–	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	ten ⁵⁵

Tone: ³¹·:²¹

	Maru	OBurm	Atsi
all / whole, the	pəŋ ³¹ *ban	–	pan ²¹
strike (the table)	pɛʔ ³¹ *bap, *bat	–	pat ²¹
beat / thump	pɛʔ ³¹ *bap, *bat	–	pat ²¹
build by laying bricks, stones, etc.	pɛʔ ³¹ *bap, *bat	–	pat ²¹
fight	pɛʔ ³¹ *bap, *bat	–	pat ²¹
tears	pik ³¹ *bi, *biH, *biX	–	pji ²¹
come loose (shoelace)	pak ³¹ *bik	–	prk ²¹
fall / tumble down	pjik ³¹ *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	–	pjit ²¹
fall down (a house) / collapse	kjəʔ ³¹	–	pjoʔ ²¹
monk	puŋ ³¹	–	puŋ ²¹
go upstairs	tɔʔ ³¹ *dak	–	toʔ ²¹
dragonfly	təŋ ³¹ *dan	–	ʃu ²¹
catch (fire) / be (on fire)	tɛʔ ³¹ *dap, *dat	–	tap ²¹
ask s.b. to come here / fetch	jɔ̃ ³¹ *jaŋ	–	vut ²¹
bee	jɔ̃ ³¹ *jaŋ	–	jaŋ ²¹

	Maru	OBurm	Atsi
work / labor	tsɔi ³¹	—	tsui ²¹
right / correct	tʃɔ ³¹ *dʒa	—	tʃo ²¹
feed (pig) / pigwash	tsɔ ³¹ *dza	—	tsaŋ ²¹
rice (glutinous)	tsɔ ³¹	—	tsaŋ ²¹
seedling (rice)	tsɔ ³¹ *dza	—	tse ²¹
fabric (silk)	tsɔ ³¹ *dza	—	ʃu ²¹
orphan	tsɔ ³¹ *dza	—	tso ²¹
roll up (cloth)	tshaŋ ³¹ *tsiŋ	—	tiŋ ²¹
cotton	tə ³¹	—	tǎɹ ²¹
there are (trees on the mountain)	tʃɔɹ ³¹ *dʒak	—	tʃoɹ ²¹
break to pieces (grain)	tʃɛɹ ³¹ *dʒap, *dʒat	—	tʃap ²¹
crack / rift / fissure	kɔɹ ³¹ *gak	—	koɹ ²¹
monk	kji ³¹ *gje, *gre, *gle	—	kji ²¹
cold (weather, water)	kjɔɹ ³¹ *gjak, *grak, *glak	—	kjoɹ ²¹
one hundred and one	jɔ ³¹ *ja	—	ʒa ²¹
lick / lap	jɔɹ ³¹ *jak	—	joɹ ²¹
grow (a boil)	jauk ³¹ *juk	—	juɹ ²¹
respective / individual / each	ʒɛ ³¹	—	ʒi ²¹
donkey	lɔ ³¹ *la	—	lo ²¹
cat	lǎ ³¹	—	lǎ ²¹
sow	vɔɹ ³¹ *wak	—	vaɹ ²¹
carry (sthg.) with a pole on t	vɔɹ ³¹ *wak	—	vaɹ ²¹

	Maru	OBurm	Atsi
shoulder	vɔʔ³¹ *wak	–	koʔ²¹
hail	lak³¹ *lik	–	lik²¹
coal	mɛʔ³¹ *map, *mat	–	mji²¹
ink (Chinese)	mɛʔ³¹ *map, *mat	–	mə²¹
worry / anxious, be	mjik³¹ *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	–	mjo²¹
tangerine	mak³¹ *mik	–	mak²¹
mirror	mjoʔ³¹	–	mjoʔ²¹
winter	mjo³¹ *mja, *mra, *mla	–	mjo²¹
dawn (the day)	mjoʔ³¹ *mjak, *mrak, *mlak	–	mau²¹
plowshare	nə³¹	–	na²¹
every day	nɛʔ³¹ *nap, *nat	–	nap²¹
plait	nak³¹ *nik	–	nik²¹
pen (chicken)	ɣɔʔ³¹ *rak	–	voʔ²¹
shave (the head)	ɣauk³¹ *ruk	–	vuʔ²¹
few / little	ʃau³¹	–	ʃau²¹
awn of wheat	tshē³¹ *tsam	–	mi²¹
crops	vɔ³¹ *wa	–	va²¹
cooked, be (rice) / done	ɲjoʔ³¹ *ɲjak, *ɲrak, *ɲlak	–	ɲjoʔ²¹
tongs (fire)	ɲjeʔ³¹ *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat	–	ɲjap²¹
overthrow / down with	ləŋ³¹ *ʔliŋ	–	ləŋ²¹
willow	pəŋ³¹	–	pan²¹

	Maru	OBurm	Atsi
	*ʔpan		
<i>Tone:</i> ³¹ :-:⁵¹			
	Maru	OBurm	Atsi
there is (water in the bowl)	pɔ ³¹ *ba	–	po ⁵¹
break up (meeting) / end	pjo ³¹ *bja, *bra, *bla	–	pjo ⁵¹
sweat	pau ³¹	–	pui ⁵¹
relatives	pa ³¹	–	pui ⁵¹
east	pa ³¹	–	pui ⁵¹
hill / mountain	pam ³¹ *bum, *bim	–	pum ⁵¹
New Year's Day	tsəŋ ³¹ *dzan	–	tsan ⁵¹
scar	tɛ ³¹ *dam	–	tam ⁵¹
owe (money)	tɛʔ ³¹ *dap, *dat	–	tʃin ⁵¹
yell / shout	jɔ ³¹ *jaŋ	–	kji ⁵¹
sow	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
mare	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
pillar / column	tsaŋ ³¹ *dziŋ	–	tsiŋ ⁵¹
clumsy / awkward	kɔ ³¹ *ga	–	ko ⁵¹
fool / blockhead	ŋɔk ³¹	–	ko ⁵¹
man	kai ³¹ *gai	–	ke ⁵¹
divide / share (things)	kɛ ³¹ *gam	–	kam ⁵¹
classifier for trees	kɛ ³¹ *gam	–	kam ⁵¹
warm oneself by (a fire)	kɔ ³¹ *gaŋ	–	kaŋ ⁵¹

	Maru	OBurm	Atsi
chest	kɔ̃³¹	–	kaŋ⁵¹
	*gaŋ		
soldier	kje³¹	–	kje⁵¹
	*gje, *gre, *gle		
pick up	kauk³¹	–	kui⁵¹
	*guk		
open up wasteland	jɔ̃³¹	–	jo⁵¹
	*ja		
vicinity / nearby	jẽ³¹	–	jam⁵¹
	*jam		
rafter (of building)	khjɔ̃³¹	–	khjaŋ⁵¹
	*kjaŋ, *kraŋ, *klaŋ		
puttee	khjik³¹	–	khji⁵¹
calf	khjik³¹	–	khji⁵¹
rescue / save	khji³¹	–	khji⁵¹
	*kje, *kre, *kle		
garden (plot)	khjẽ³¹	–	khjam⁵¹
	*kjam, *kram, *klam		
trivet	kjɔ̃³¹	–	kjo⁵¹
	*ʔkja, *ʔkra, *ʔkla		
on the other side (of a riv	kjɔ̃³¹	–	kjo⁵¹
	*ʔkja, *ʔkra, *ʔkla		
road	khjɔ̃³¹	–	khjo⁵¹
	*kja, *kra, *kla		
spacious / commodious	lẽ³¹	–	lam⁵¹
	*lam		
fathom	lẽ³¹	–	lam⁵¹
	*lam		
snake	lɔ̃³¹	–	laŋ⁵¹
	*laŋ		
rely / lean on	lam³¹	–	lum⁵¹
	*lum, *lim		
corpse	mɔ̃³¹	–	maŋ⁵¹
	*maŋ		
dragon	mɔ̃³¹	–	man⁵¹
	*maŋ		
meow	mjaŋ³¹	–	mjiŋ⁵¹
	*mjiŋ, *mriŋ, *mliŋ		
paper	muk³¹	–	mau⁵¹
	*mu, *muH, *muX		
patient	nɔ̃³¹	–	no⁵¹
	*na		

	Maru	OBurm	Atsi
be (in the house)	na ³¹ *ni	–	ŋji ⁵¹
stinking / smelly	ʃum ³¹	–	nam ⁵¹
like (to eat)	nuk ³¹ *nu, *nuH, *nuX	–	nau ⁵¹
escape / run away	phɔ̃ ³¹ *paŋ	–	phaŋ ⁵¹
otter	xɛ ³¹ *ʔram	–	xam ⁵¹
next year	sɔ̃ ³¹ *saŋ	–	saŋ ⁵¹
host / master	saŋ ³¹ *siŋ	–	siŋ ⁵¹
oneself	saŋ ³¹ *siŋ	–	siŋ ⁵¹
flight of steps	thɔ̃ ³¹ *taŋ	–	tsum ⁵¹
span (thumb to middle finger)	thu ³¹ *to	–	tho ⁵¹
village	vɔ̃ ³¹ *wa	–	va ⁵¹
tile	va ³¹	–	va ⁵¹
carry (money) on one	vəŋ ³¹ *wan	–	vun ⁵¹
doze / nod off	ŋøʔ ³¹	–	mui ⁵¹
tongue	ʃɔ̃ ³¹ *ʔrja, *ʃa	–	ʃo ⁵¹
cotton	Ɂu ³¹	–	u ⁵¹
wok (large, iron) / pan	ʃɛ ³¹ *ʔrjam, *ʃam	–	ʃam ⁵¹
child	ʃɔ̃ ³¹ *ʔrjaŋ, *ʃaŋ	–	ʃaŋ ⁵¹
at the bottom of (a hill)	ɔ̃ ³¹ *ʔa	–	o ⁵¹
lower part of / lower reaches	ɔ̃ ³¹ *ʔa	–	o ⁵¹
chin	ɛ̃ ³¹ *ʔam	–	am ⁵¹
oneself	jəm ³¹ *ʔjum, *ʔjim	–	jum ⁵¹

	Maru	OBurm	Atsi
inside	khuk ³¹	–	khau ⁵¹
circle / hover / wheel	laŋ ³¹ *ʔliŋ	–	liŋ ⁵¹
ear / spike	nē ³¹ *nam	–	nam ⁵¹
make / cause	nō ³¹ *ʔnaŋ	–	naŋ ⁵¹
cuddle / embrace	pō ³¹ *ʔpa	–	pō ⁵¹
astrigent	pəŋ ³¹ *ʔpan	–	pan ⁵¹
porcupine	pju ³¹ *ʔpjo, *ʔpro, *ʔplo	–	pju ⁵¹
gold	xaŋ ³¹ *ʔriŋ	–	xiŋ ⁵¹
pull / drag (a log)	ʃe ³¹ *ʔrje, *ʃe	–	ʃe ⁵¹
pull / lead (a cow) along	ʃe ³¹ *ʔrje, *ʃe	–	ʃe ⁵¹
welcome, bid s.b. / greet	təi ³¹	–	tē ⁵¹
fifty	tshe ³¹ *tse	–	tshe ⁵¹

Tone: ³¹:-: ⁵⁵

	Maru	OBurm	Atsi
accomplish / succeed	pəŋ ³¹ *ban	–	pan ⁵⁵
cliff	pjoʔ ³¹ *bjak, *brak, *blak	–	pjoʔ ⁵⁵
injure / hurt (the arm)	tē ³¹ *dam	–	tsaŋ ⁵⁵
that side / there	khjō ³¹ *kja, *kra, *kla	–	ma ⁵⁵
buckwheat	khjau ³¹	–	khjau ⁵⁵
river	lō ³¹ *laŋ	–	mo ⁵⁵
rainbow	saŋ ³¹ *siŋ	–	ʃiŋ ⁵⁵
chin	thō ³¹	–	thaŋ ⁵⁵

	Maru	OBurm	Atsi
cymbals	*taŋ tʃheʔ³¹	–	tʃheŋ⁵⁵
grandfather	a³¹	–	a⁵⁵
aunt (wife of father's younger brother)	a³¹	–	a⁵⁵
who	khə³¹	–	xau⁵⁵

Tone: ^{31,22,21}

	Maru	OBurm	Atsi
look like / resemble	təʔ³¹	tu *du	tut²¹

Tone: ^{31,22,51}

	Maru	OBurm	Atsi
sheath / scabbard	pjə³¹	prañ	pjaŋ⁵¹
pus	*bjaŋ, *braŋ, *blaŋ pjaŋ³¹	*braŋ prañ	pjiŋ⁵¹
fly	*bjiŋ, *briŋ, *bliŋ jə³¹	*briŋ pyam	jaŋ⁵¹
wing	*jaŋ tauŋ³¹	*bjam to₂ñ	tuŋ⁵¹
drum	*duŋ tsaŋ³¹	*duŋ cañ	tsiŋ⁵¹
right	*dziŋ jə³¹	*dziŋ, *dʒiŋ ya	jo⁵¹
leak	*ja juk³¹	*ʔja, *ja yuiw	jui⁵¹
star	*ju, *juH, *juX kji³¹	*ʔju, *ju kray	kji⁵¹
thread	*ʔkje, *ʔkre, *ʔkle kjhaŋ³¹	*grai khrañ	khjiŋ⁵¹
horn	khjuk³¹	*ʔkriŋ, *ʔkriŋ, *kriŋ khuiw	khjui⁵¹
husband	lɔ³¹	*ʔkju, *ʔkju, *kju lañ	laŋ⁵¹
wind	*laŋ la³¹	*laŋ liy	lai⁵¹

	Maru	OBurm	Atsi
	*li	*li	
neck	laŋ ³¹	lañ	lin ⁵¹
	*liŋ	*liŋ	
peanut	mjik ³¹	mliy	mji ⁵¹
	*mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	*mli	
name	maŋ ³¹	mañ	mjiŋ ⁵¹
	*miŋ	*miŋ	
swallow	mjuk ³¹	myuiw	mji ⁵¹
	*mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	*mju	
see	mjō ³¹	mrañ	mjaŋ ⁵¹
	*mjaŋ, *mraŋ, *mlaŋ	*mraŋ	
mushroom	muk ³¹	mhuiw	mau ⁵¹
	*mu, *muH, *muX	*?mu, *?mu	
ill, to be	nō ³¹	na	no ⁵¹
	*na	*na	
you	nō ³¹	nañ	naŋ ⁵¹
	*naŋ	*naŋ	
red	ne ³¹	ni	ne ⁵¹
	*ne	*ne, *ne	
white	phju ³¹	phlu	phju ⁵¹
	*pjo, *pro, *plo	*plu, *?plu, *?plu	
fall (rain)	vu ³¹	ro ₁	vo ⁵¹
	*wo	*ro	
hair	tshē ³¹	cham	tsham ⁵¹
	*tsam	*?tsam, *?tʃam, *?tsam, *?tʃam, *tsam, *tʃam, *tsam, *tʃam	
buy	vai ³¹	way	vui ⁵¹
	*wai	*wai	
bear	vē ³¹	wam	vam ⁵¹
	*wam	*wam	
enter (a house)	vō ³¹	wañ	vaŋ ⁵¹
	*waŋ	*waŋ	
cry	ŋuk ³¹	ñuiw	ŋau ⁵¹
	*ŋu, *ŋuH, *ŋuX	*ŋu	
silver	ŋø ³¹	ñuy	ŋun ⁵¹
		*ŋui	
green	ŋjuk ³¹	ñuiw	ŋjui ⁵¹

	Maru	OBurm	Atsi
iron	*ŋju, *ŋjuH, *ŋjuX, *ŋru, *ŋruH, *ŋruX, *ŋlu, *ŋluH, *ŋluX ʃɛ ³¹	*ɲu u	u ⁵¹
house	*ʔrjam, *ʃam ʃam ³¹	*ʔu im	jum ⁵¹
mosquito	*ʔjum, *ʔjim kjɔ̃ ³¹	*ʔim, *ʔjim, *jim khrañ	kjaŋ ⁵¹
boat / ship	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ la ³¹	*ʔkraŋ, *ʔkraŋ, *kraŋ lhiy	lai ⁵¹
horizontal	*ʔli pji ³¹	*ʔli, *ʔli phi	pji ⁵¹
long	*ʔpje, *ʔpre, *ʔple xaŋ ³¹	*pe, *pe, *ʔpe, *ʔpe, *ʔpe, *ʔpe rhañ	xiaŋ ⁵¹
die	*ʔriŋ ʃik ³¹	*ʔriŋ, *ʔriŋ siy	ʃi ⁵¹
twenty	tshe ³¹ *tse	*ʔsi, *si, *ʃi chay *ʔtsai, *ʔtʃai, *ʔtsai, *ʔtʃai, *tsai, *tʃai, *tsai,	tshe ⁵¹
oil (animal)	tshau ³¹	*tʃai chi *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *tse, *tse, *tʃe, *tʃe, *tse, *tse, *tʃe, *tʃe	tshu ⁵¹

Tone: ³¹·²²·⁵⁵

	Maru	OBurm	Atsi
butterfly	phə ³¹	pra	phə ⁵⁵
come	lɔ ³¹ *la	*bra la	lo ⁵⁵
we	ŋɔ ³¹	*la na *ŋa	ŋa ⁵⁵

Tone: ³¹·⁴·²¹

	Maru	OBurm	Atsi
snail	pɛ ³¹	pak	pap ²¹

	Maru	OBurm	Atsi
shoot (an arrow)	*bap, *bat <i>pak</i> ³¹	*bak <i>pac</i>	<i>pik</i> ²¹
rot	*bik <i>pap</i> ³¹	*bik <i>pup</i>	<i>pup</i> ²¹
chicken	*bup, *bip <i>ɣɔʔ</i> ³¹	*bup <i>khyak</i>	<i>voʔ</i> ²¹
afraid, be	*rak <i>kjauk</i> ³¹	*ʔkjak, *ʔkjak, *kjak <i>kro₂k</i>	<i>kjuʔ</i> ²¹
rice (paddy)	*gjuk, *gruk, *gluk <i>kauk</i> ³¹	*gruk <i>ko₂k</i>	<i>kuʔ</i> ²¹
stand	*guk <i>jeɽ</i> ³¹	*guk <i>ryap</i>	<i>jap</i> ²¹
man	*jap, *jat <i>jauk</i> ³¹	<i>yo₂k</i>	<i>juʔ</i> ²¹
finger	*juk <i>loʔ</i> ³¹	*ʔjuk, *juk <i>lak</i>	<i>loʔ</i> ²¹
pig	*lak <i>vɔʔ</i> ³¹	*lak <i>wak</i>	<i>vaʔ</i> ²¹
dream	*wak <i>mɔʔ</i> ³¹	*wak <i>mak</i>	<i>moʔ</i> ²¹
eye	*mak <i>mjoʔ</i> ³¹	*mak <i>myak</i>	<i>mjoʔ</i> ²¹
face	*mjak, *mrak, *mlak <i>mjoʔ</i> ³¹	*mjak <i>mho₂k</i>	<i>mjoʔ</i> ²¹
monkey	*mjak, *mrak, *mlak <i>mjauk</i> ³¹	*ʔmuk, *ʔmuk <i>myo₂k</i>	<i>mjuʔ</i> ²¹
black	*mjuk, *mruk, *mluk <i>nɔʔ</i> ³¹	*mjuk <i>nak</i>	<i>noʔ</i> ²¹
deep	*nak <i>nɔʔ</i> ³¹	*nak <i>nak</i>	<i>nik</i> ²¹
loom	*nak <i>ɣɔʔ</i> ³¹	*nak <i>rak</i>	<i>voʔ</i> ²¹
wear (a bracelet)	*rak <i>veʔ</i> ³¹	*rak <i>wat</i>	<i>vut</i> ²¹
	*wap, *wat	*wat	

Tone: ³¹·⁴·⁵¹

	Maru	OBurm	Atsi
fetch / draw (water)	<i>khẽ</i> ³¹	<i>khap</i>	<i>kham</i> ⁵¹
	*kam	*ʔkap, *ʔkap, *kap	

Tone: ³¹·⁴·⁵⁵

	Maru	OBurm	Atsi
dream	jap ³¹ *jup, *jip	ip *ʔip, *ʔjip, *jip	jup ⁵⁵
son-in-law	mɔʔ ³¹ *mak	mak *mak	moʔ ⁵⁵
banana (plantain)	ŋɔʔ ³¹ *ŋak	nhak *ʔŋak, *ʔŋak	ŋoʔ ⁵⁵

Tone: ³¹·⁵³·²¹

	Maru	OBurm	Atsi
rice (cooked)	tsɔ ³¹ *dza	thaʔ *ʔtaX, *ʔtaX, *taX	tsaŋ ²¹
prize / pry	kak ³¹ *gik	kanʔ *ganX	kik ²¹

Tone: ³¹·⁵⁵·²¹

	Maru	OBurm	Atsi
tendon / sinew	kji ³¹ *gje, *gre, *gle	kro₂h	kji ²¹
nine	kuk ³¹ *gu, *guH, *guX	kuiwḥ *guH	kau ²¹
angry, be / take offense	jo ³¹	yaḥ *ʔjaH, *jaH	jo ²¹
three	sam ³¹ *sum, *sim	sumḥ *ʔsumH, *sumH, *ʃumH	sum ²¹
sand	ʃɔ ³¹ *ʔrja, *ʃa	sayḥ *ʔsaiH, *saiH, *ʃaiH	să ²¹

Tone: ³¹·⁵⁵·⁵¹

	Maru	OBurm	Atsi
smell	nē ³¹ *nam	namḥ *namH	nam ⁵¹
frost	ŋaŋ ³¹ *ʔŋan, *ʔŋiŋ	nhañḥ *ʔnaŋH, *ʔnaŋH	ŋan ⁵¹

Tone: ³⁵·-·²¹

	Maru	OBurm	Atsi
steamer (of bamboo, for food)	pauŋ ³⁵ *buŋH	—	puŋ ²¹
rice (glutinous)	pauŋ ³⁵ *buŋH	—	puŋ ²¹
rinse (the mouth)	tfui ³⁵ *dʒuiH	—	tfui ²¹
circle / hover / wheel	tɔ̃ ³⁵ *daŋH	—	taŋ ²¹
put one's hand on (sthg.) for	tsɔi ³⁵	—	tsui ²¹
baby	tsɔ̃ ³⁵	—	tsö ²¹
old lady	tsɔ̃ ³⁵ *dzaH	—	tsɔ̃ ²¹
old man	tsɔ̃ ³⁵ *dzaH	—	tso ²¹
nephew (brother's son)	tsɔ̃ ³⁵ *dzaH	—	tso ²¹
shadow	tsɔ̃ ³⁵ *dzaH	—	tso ²¹
open up wasteland	tsəŋ ³⁵ *dzanH	—	tfum ²¹
roll (of cloth)	taŋ ³⁵ *diŋH	—	tiŋ ²¹
bundle / sheaf	taŋ ³⁵ *diŋH	—	tsuŋ ²¹
neck	tsaŋ ³⁵ *dziŋH	—	tsiŋ ²¹
get together, all / assemble	tsaŋ ³⁵ *dziŋH	—	tsiŋ ²¹
Tibetan	tsaŋ ³⁵ *dziŋH	—	muŋ ²¹
body	tau ³⁵	—	tu ²¹
classifier for birds	tau ³⁵	—	tu ²¹
solid	kaŋ ³⁵ *ganH, *giŋH	—	kɤŋ ²¹
downstairs	kjê ³⁵ *gjamH, *gramH, *glamH	—	kjam ²¹

	Maru	OBurm	Atsi
eaten one's fill, have	kji ³⁵ *gjeH, *greH, *gleH	–	kji ²¹
jar (earthen)	jē ³⁵ *jamH	–	jam ²¹
pot / jar / tin	jē ³⁵ *jamH	–	jam ²¹
he	jō ³⁵ *jaŋH	–	jaŋ ²¹
cucumber	khu ³⁵ *koH	–	kho ²¹
leopard / panther	lō ³⁵ *laH	–	lo ²¹
stallion	lō ³⁵ *laH	–	lo ²¹
fall over / down	laŋ ³⁵ *liŋH	–	leŋ ²¹
classifier for brooms	lam ³⁵ *lumH, *limH	–	lum ²¹
head	lam ³⁵ *lumH, *limH	–	lum ²¹
marry	mji ³⁵ *mjeH, *mreH, *mleH	–	mji ²¹
rest	nō ³⁵ *naH	–	no ²¹
stamp (one's foot)	nō ³⁵ *naŋH	–	naŋ ²¹
soup	yaŋ ³⁵ *riŋH	–	viŋ ²¹
walk	su ³⁵ *soH	–	so ²¹
seed of Chinese prickly ash	fi ³⁵ *ʔrjeH, *ʃeH	–	fi ²¹
pants / trousers	lō ³⁵ *ʔlaH	–	lo ²¹
willow	tau ³⁵	–	tu ²¹
comb	pje ³⁵ *ʔpjeH, *ʔpreH, *ʔpleH	–	pje ²¹
plant / raise (wheat)	xō ³⁵ *ʔraH	–	xo ²¹
rod / stick	se ³⁵ *seH	–	se ²¹
put in order / arrange	tō ³⁵ *ʔtaH	–	to ²¹

	Maru	OBurm	Atsi
wood / log	thauŋ ³⁵ *tuŋH	–	ve ²¹
paddy fields	thauŋ ³⁵ *tuŋH	–	thuŋ ²¹
pestle / pound	thauŋ ³⁵ *tuŋH	–	thuŋ ²¹

Tone: ³⁵·[·]·⁵¹

	Maru	OBurm	Atsi
rust	tsɔ̌ ³⁵	–	tʃo ⁵¹
silkworm	tsɔ̌ ³⁵ *dzaH	–	se ⁵¹
chop / hew	tsəŋ ³⁵ *dzanH	–	tsan ⁵¹
dragon	tʃauŋ ³⁵ *dʒuŋH	–	tʃum ⁵¹
clear (water)	kjaŋ ³⁵ *gjiŋH, *grinH, *gliŋH	–	seŋ ⁵¹
well	lɔ̌ ³⁵ *laŋH	–	laŋ ⁵¹

Tone: ³⁵·[·]·⁵⁵

	Maru	OBurm	Atsi
rake (the fields)	pa ³⁵	–	pa ⁵⁵
bean (broad)	tu ³⁵ *doH	–	tɯ ⁵⁵
day (second of lunar month)	tsɔ̌ ³⁵ *dzaH	–	sik ⁵⁵
load on an animal's back	tɔ̌ ³⁵ *daH	–	to ⁵⁵
team (of oxen)	kja ³⁵	–	kja ⁵⁵
they	jɔ̌ ³⁵ *jaŋH	–	jaŋ ⁵⁵
grind (flour)	lui ³⁵ *luiH	–	lui ⁵⁵
millstones	lui ³⁵ *luiH	–	lui ⁵⁵

Tone Correspondence

	Maru	OBurm	Atsi
surname / name (family)	xu ³⁵	–	xu ⁵⁵
	*ʔroH		
prison	thoŋ ³⁵	–	thoŋ ⁵⁵
pal / partner	tshɔ̃ ³⁵	–	naŋ ⁵⁵
peach	ʃɪ ³⁵	–	ʃɪ ⁵⁵
onion / scallion	khjaun ³⁵	–	khjoŋ ⁵⁵
	*kjuŋH, *kruŋH,		
mat	*klunH sai ³⁵	–	sai ⁵⁵
	*saiH		
bottle (of wine)	tau ³⁵	–	tau ⁵⁵

Tone: ^{35,22,21}

	Maru	OBurm	Atsi
rainbow	kaŋ ³⁵	tam	kan ²¹
	*ganH, *giŋH	*dam	
spider	kɔ̃ ³⁵	ku	kaŋ ²¹
	*gaŋH	*gʊ	

Tone: ^{35,22,51}

	Maru	OBurm	Atsi
ring in cow's nose used to lead it about	nũŋ ³⁵	nha	nɔ̃ ⁵¹
		*ʔna, *ʔna	

Tone: ^{35,4,21}

	Maru	OBurm	Atsi
scatter (seeds)	səŋ ³⁵	ro₁t	san ²¹
	*sanH		

Tone: ^{35,55,21}

	Maru	OBurm	Atsi
flower	pəŋ ³⁵	panh	pan ²¹

	Maru	OBurm	Atsi
ride (a horse)	*banH tfui ³⁵ *dʒuiH	*banH ciḥ *dzeH, *dzeH, *dʒeH, *dʒeH	tfi ²¹
crawl (of people)	tu ³⁵ *doH	toḥ *doH	to ²¹
blunt / dull	tam ³⁵ *dumH, *dimH	tumḥ *dumH	tum ²¹
eat	tsɔ ³⁵ *dzaH	caḥ *dzaH, *dʒaH	tso ²¹
flesh / muscle	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
meat	ʃɔ ³⁵ *ʔrjaH, *ʃaH	saḥ *ʔsaH, *saH, *ʃaH	ʃo ²¹
hear	kjɔ ³⁵ *gjaH, *graH, *glaH	kraḥ *graH	kjo ²¹
big / large	ʏə ³⁵	kriḥ *greH, *grɛH	kɔ ²¹
tiger	lɔ ³⁵ *laH	klaḥ *glaH	lo ²¹
bow (for arrow)	la ³⁵ *liH	liyḥ *liH	lai ²¹
heavy	la ³⁵ *liH	liyḥ *liH	lai ²¹
lie down	laŋ ³⁵ *liŋH	lañḥ *liŋH	leʔ ²¹
heart	lam ³⁵ *lumH, *limH	lumḥ *lumH	lum ²¹
old / elderly	mɔ̃ ³⁵ *maŋH	mañḥ *maŋH	maŋ ²¹
fire	mji ³⁵	miḥ *meH, *meH	mji ²¹
many / much	mjo ³⁵ *mjaH, *mraH, *mlaH	myaḥ *mjaH	mjo ²¹
horse	mjɔ̃ ³⁵ *mjaŋH, *mraŋH, *mlaŋH	mrañḥ *mraŋH	mjaŋ ²¹
nail	saŋ ³⁵ *siŋH	sañḥ *ʔsiŋH, *siŋH, *ʃiŋH	siŋ ²¹
liver	saŋ ³⁵ *siŋH	sañḥ *ʔsiŋH, *siŋH, *ʃiŋH	siŋ ²¹
blood	sa ³⁵	suyḥ *ʔsuiH, *suiH, *ʃuiH	sui ²¹
firewood	thɔ̃ ³⁵	thanḥ	thaŋ ²¹

	Maru	OBurm	Atsi
bamboo	*taŋH vɔ ³⁵	*ʔtaŋH, *ʔtaŋH, *taŋH wah	va ²¹
stomach	*waH vɛ ³⁵	*waH wamh	pham ²¹
louse	ʃiŋ ³⁵	*wamH sanh	ʃin ²¹
fruit	ʃi ³⁵ *ʔrjeH, *ʃeH	*ʔsanH, *sanH, *ʃanH sih	ʃi ²¹
bear (fruit)	ʃi ³⁵ *ʔrjeH, *ʃeH	*ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH sih	tsui ²¹
bitter	khɔ ³⁵ *kaH	*ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH khaḥ	kho ²¹
gnaw / nibble	khai ³⁵ *kaiH	*ʔkaH, *ʔkaH, *kaH khayḥ	khe ²¹
cough	khjauŋ ³⁵ *kjuŋH, *kruŋH, *kluŋH	*ʔkaiH, *ʔkaiH, *kaiH khyo₂ṇḥ	khjuŋ ²¹
dog	kha ³⁵	*ʔkjuŋH, *ʔkjuŋH, *kjuŋH khuyḥ	khui ²¹
flea	lɔ ³⁵ *ʔliH	*ʔkuiH, *ʔkuiH, *kuiH lhiyḥ	lɔi ²¹
frog	pɔ ³⁵ *ʔpaH	*ʔliH, *ʔliH phaḥ	pɔ ²¹
sell	auŋ ³⁵ *ʔuŋH	*paH, *ʔpaH, *ʔpaH ro₂ṇḥ	uŋ ²¹
head	au ³⁵	*ruŋH uḥ	u ²¹
		*ʔuH	

Tone: ^{35,55,55}

	Maru	OBurm	Atsi
salt	tshɔ ³⁵ *tsaH	chaḥ *ʔtsaH, *ʔtʃaH, *ʔtsaH, *ʔtʃaH, *tsaH, *tʃaH, *tsaH, *tʃaH	tsho ⁵⁵

Tone: ^{55,-,21}

	Maru	OBurm	Atsi
offer / dedicate	pjik ⁵⁵	–	pji ²¹

	Maru	OBurm	Atsi
make a row, racket	pjoʔ ⁵⁵	–	pjoʔ ²¹
chick	nau ⁵⁵	–	tso ²¹
copper (note:+red)	kjik ⁵⁵	–	kji ²¹
blow (one's nose)	khjuk ⁵⁵	–	khjui ²¹
turtledove	*kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX kjuk ⁵⁵	–	kjui ²¹
early	*ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX noʔ ⁵⁵	–	noʔ ²¹
uncle (father's younger brother)	pho ⁵⁵	–	tso ²¹
uncle (mother's sister's husband)	*paX pho ⁵⁵	–	va ²¹
expensive	*paX phuk ⁵⁵	–	phau ²¹
paper	*pu, *puH, *puX suk ⁵⁵	–	sau ²¹
embroider	*su, *suH, *suX thuk ⁵⁵	–	thau ²¹
hurt by stinging	*tu, *tuH, *tuX thuk ⁵⁵	–	thau ²¹
wrap	*tu, *tuH, *tuX kək ⁵⁵	–	kjeʔ ²¹
scold	*ʔkik nak ⁵⁵	–	niŋ ²¹
reverse	*ʔnik tuk ⁵⁵	–	təu ²¹
borrow (money)	*ʔtu, *ʔtuH, *ʔtuX tʃik ⁵⁵	–	tʃi ²¹
	*ʔtʃi, *ʔtʃiH, *ʔtʃiX		

Tone: ⁵⁵:-: ⁵¹

	Maru	OBurm	Atsi
fan (winnowing)	pɔ ⁵⁵ *baX	–	pjo ⁵¹

	Maru	OBurm	Atsi
meal	ma ⁵⁵	–	ma ⁵¹
woodpecker	phauk ⁵⁵	–	phu? ⁵¹
back	*puk tɕ ⁵⁵	–	khun? ⁵¹
finger (little)	*daŋX thɕ ⁵⁵	–	thaŋ? ⁵¹
pulse (wrist)	*taŋX tʃhoʔ ⁵⁵	–	tʃho ⁵¹
spring (water)	*tʃak thuk ⁵⁵	–	tho ⁵¹
muntjac / deer (barking)	*tu, *tuH, *tuX tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	–	tʃhi ⁵¹

Tone: ⁵⁵·:·⁵⁵

	Maru	OBurm	Atsi
guest	paŋ ⁵⁵	–	piŋ ⁵⁵
calf	*biŋX pau ⁵⁵	–	pu ⁵⁵
believe / trust	tʃaŋ ⁵⁵	–	tʃiŋ ⁵⁵
thinner, get (body)	*dʒiŋX kji ⁵⁵	–	kji ⁵⁵
rust	*gjeX, *greX, *gleX kjik ⁵⁵	–	kjik ⁵⁵
cut / rip open	khəʔ ⁵⁵	–	kho? ⁵⁵
knock / strike	*kak kəʔ ⁵⁵	–	kək ⁵⁵
blade (of grass)	*ʔkak kheʔ ⁵⁵	–	khat ⁵⁵
chase after	*kap, *kat kheʔ ⁵⁵	–	khat ⁵⁵
classifier for bowls	*kap, *kat khjeʔ ⁵⁵	–	khjap ⁵⁵
classifier for rope	*kjap, *kjat, *krap, *krat, *klap, *klat khjeʔ ⁵⁵	–	khat ⁵⁵
month's (work)	*kjap, *kjat, *krap, *krat, *klap, *klat khjeʔ ⁵⁵	–	khjap ⁵⁵

	Maru	OBurm	Atsi
page	*kjap, *kjat, *krap, *krat, *klap, *klat khjeʔ⁵⁵	—	khjap⁵⁵
repay	*kjap, *kjat, *krap, *krat, *klap, *klat tshɛʔ⁵⁵	—	tshap⁵⁵
scale	*tsap, *tsat kjɛʔ⁵⁵	—	kjap⁵⁵
sheet (of paper)	*ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat khjeʔ⁵⁵	—	khjap⁵⁵
buttocks	*kjap, *kjat, *krap, *krat, *klap, *klat tʃhauʔ⁵⁵	—	tʃhi⁵⁵
locust	khjak⁵⁵	—	kam⁵⁵
lay (eggs)	*kjik, *krik, *klik khjɔ⁵⁵	—	khjo⁵⁵
goose	*kjaX, *kraX, *klaX khjɔ⁵⁵	—	khjaŋ⁵⁵
go out	*kjaŋX, *kraŋX, *klaŋX lɔ⁵⁵	—	lo⁵⁵
thumb	*laX mɔ⁵⁵	—	mo⁵⁵
accustomed to, be / habit of, haveve	*maX məŋ⁵⁵	—	man⁵⁵
shiver / tremble	*manX nəŋ⁵⁵	—	nan⁵⁵
baby	*nanX nau⁵⁵	—	nu⁵⁵
cock	phɔ⁵⁵	—	pho⁵⁵
gruel / porridge	*paX phɔʔ⁵⁵	—	puʔ⁵⁵
untie / undo	*pak phak⁵⁵	—	phik⁵⁵
hot / spicy	*pik phjak⁵⁵	—	phjik⁵⁵
consult / discuss	*pjik, *prik, *plik phje⁵⁵	—	phje⁵⁵
unseam (clothing)	*pjeX, *preX, *pleX phjɔʔ⁵⁵	—	pjoʔ⁵⁵
smoke (a cigarette)	*pjak, *prak, *plak pauk⁵⁵	—	pok⁵⁵

	Maru	OBurm	Atsi
plough / till	*ʔpuk phauk ⁵⁵	—	phuʔ ⁵⁵
steam	*puk soʔ ⁵⁵	—	soʔ ⁵⁵
all / whole, the	ʃoʔ ⁵⁵	—	ʃoʔ ⁵⁵
person w / pockmarked face	*ʔrjak, *ʃak ʃoʔ ⁵⁵	—	ʃoʔ ⁵⁵
shy, be / bashful	*ʔrjak, *ʃak xoʔ ⁵⁵	—	xoʔ ⁵⁵
know	*ʔrak se ⁵⁵	—	se ⁵⁵
connect / join	*seX tshoʔ ⁵⁵	—	tshoʔ ⁵⁵
open (an umbrella)	*tsak thauk ⁵⁵	—	thuʔ ⁵⁵
dig out with finger	*tuk tʃhoʔ ⁵⁵	—	tʃhoʔ ⁵⁵
cook / boil	*tʃak tʃoʔ ⁵⁵	—	tʃoʔ ⁵⁵
decoct (herbal medicine)	*ʔtʃak tʃoʔ ⁵⁵	—	tʃoʔ ⁵⁵
kitchen	*ʔtʃak tʃoʔ ⁵⁵	—	kai ⁵⁵
deer	*ʔtʃak tsheʔ ⁵⁵	—	tshat ⁵⁵
armpit	*tsap, *tsat tʃheʔ ⁵⁵	—	tʃok ⁵⁵
follow	*tʃap, *tʃat tʃhɔ̃ ⁵⁵	—	tʃhanʃ ⁵⁵
wet	*tʃanX tʃuk ⁵⁵	—	teʔ ⁵⁵
withdraw / take out	*ʔtʃu, *ʔtʃuH, *ʔtʃuX thuk ⁵⁵	—	thoʔ ⁵⁵
sunken / dented	*tu, *tuH, *tuX khøʔ ⁵⁵	—	khjop ⁵⁵
plank / board	sak ⁵⁵	—	sik ⁵⁵
elder sister	*sik a ⁵⁵	—	a ⁵⁵
askew / awry / slanting	jak ⁵⁵	—	jon ⁵⁵
put in (salt)	*ʔjik kɛʔ ⁵⁵	—	kat ⁵⁵

	Maru	OBurm	Atsi
	*ʔkap, *ʔkat		
comb	kjɔʔ⁵⁵	—	kjoʔ⁵⁵
	*ʔkjak, *ʔkrak, *ʔklak		
frighten / scare	kjaʊk⁵⁵	—	kjuʔ⁵⁵
	*ʔkjuk, *ʔkruk, *ʔkluk		
February	lɔ⁵⁵	—	lɔ⁵⁵
	*ʔlaX		
damage / spoil	lɔʔ⁵⁵	—	lɔʔ⁵⁵
	*ʔlak		
mess up	lɔʔ⁵⁵	—	lɔʔ⁵⁵
	*ʔlak		
bend	lɔʔ⁵⁵	—	lɔʔ⁵⁵
	*ʔlak		
dry (clothes) in the sun	lɛʔ⁵⁵	—	lap⁵⁵
	*ʔlap, *ʔlat		
lightning	lɛʔ⁵⁵	—	lap⁵⁵
	*ʔlap, *ʔlat		
deceive / cheat	muk⁵⁵	—	mau⁵⁵
	*ʔmu, *ʔmuH, *ʔmuX		
press / push down	naɪ⁵⁵	—	nɛ⁵⁵
	*ʔnaiX		
sting (of wasps)	pɛʔ⁵⁵	—	pat⁵⁵
	*ʔpap, *ʔpat		
dregs / sediment	pɔʔ⁵⁵	—	pat⁵⁵
kick	pak⁵⁵	—	pik⁵⁵
	*ʔpik		
day before yesterday	xək⁵⁵	—	xu⁵⁵
stroke / touch	sɔ⁵⁵	—	sop⁵⁵
chaotic / disorderly / messy	sət⁵⁵	—	sut⁵⁵
	*ʔsut, *ʔsit		
throw / toss	tɔ⁵⁵	—	tu⁵⁵
	*ʔtaX		
rise / stand up	tɔ⁵⁵	—	tɔʔ⁵⁵
	*ʔtaX		
light (a fire)	tɛʔ⁵⁵	—	tap⁵⁵
	*ʔtap, *ʔtat		
infect	tɛʔ⁵⁵	—	tɔʔ⁵⁵
	*ʔtap, *ʔtat		
near / close to	tɛʔ⁵⁵	—	tep⁵⁵
	*ʔtap, *ʔtat		
set on fire	ŋa⁵⁵	—	ŋje⁵⁵

	Maru	OBurn	Atsi
piece of cloth with straps for carrying a toddler	ta ⁵⁵	–	tʃi ⁵⁵
	*ʔtiX		
stamp (one's foot)	thaŋ ⁵⁵	–	thin ⁵⁵
	*tiŋX		
gather (of water) / build up	taŋ ⁵⁵	–	tiŋ ⁵⁵
	*ʔtiŋX		
narrow	tʃɛʔ ⁵⁵	–	tʃap ⁵⁵
	*ʔtʃap, *ʔtʃat		
block up / plug	tʃik ⁵⁵	–	tʃhi ⁵⁵
	*ʔtʃi, *ʔtʃiH, *ʔtʃiX		
testicle	tʃik ⁵⁵	–	tʃi ⁵⁵
	*ʔtʃi, *ʔtʃiH, *ʔtʃiX		
count (numbers)	ŋɛʔ ⁵⁵	–	ŋap ⁵⁵
	*ŋap, *ŋat		

Tone: $\begin{smallmatrix} 55 & 22 & 21 \\ \cdot & \cdot & \end{smallmatrix}$

	Maru	OBurm	Atsi
tell	<i>ta</i> ⁵⁵ *ʔtiX	<i>tuin</i>	<i>tai</i> ²¹

Tone: 55.4.21

	Maru	OBurm	Atsi
kill	<i>sɛʔ</i> ⁵⁵	<i>sat</i>	<i>sat</i> ²¹
	*ʔsap, *ʔsat	*ʔsat, *sat, *ʃat	

Tone: 55.4.55

	Maru	OBurm	Atsi
sew (up)	<i>khjap</i> ⁵⁵ *kjuḗ, *kjiḗ, *krup, *krip, *klup, *klip	<i>khlup</i> *ʔklup, *ʔklup, *klup	<i>khjup</i> ⁵⁵
over / above	<i>thoʔ</i> ⁵⁵ *tak	<i>thak</i> *ʔtak, *ʔtak, *tak	<i>thoʔ</i> ⁵⁵
sharp	<i>thoʔ</i> ⁵⁵ *tak	<i>thak</i> *ʔtak, *ʔtak, *tak	<i>thoʔ</i> ⁵⁵
use or lean on (a walking stic	<i>thauk</i> ⁵⁵ *tuk	<i>tho₂k</i> *ʔtuk, *ʔtuk, *tuk	<i>thuʔ</i> ⁵⁵

	Maru	OBurm	Atsi
navel	tʃhoʔ⁵⁵ *tʃak	khyak *ʔkjak, *ʔkjak, *kjak	tʃhoʔ⁵⁵
repay (a debt)	tsheʔ⁵⁵ *tsap, *tsat	chap *ʔtsap, *ʔtʃap, *ʔtsap, *ʔtʃap, *tsap, *tʃap, *tsap, *tʃap	tshap⁵⁵
eight	ʃeʔ⁵⁵ *ʔrjap, *ʔrjat, *ʃap, *ʃat	rhyat *ʔrjat, *ʔrjat	ʃit⁵⁵
tree	sək⁵⁵ *ʔsik	sac *ʔsik, *sik, *ʃik	sik⁵⁵
wood / log	sak⁵⁵ *sik	sac *ʔsik, *sik, *ʃik	sik⁵⁵
drink	ʃauk⁵⁵ *ʔrjuk, *ʃuk	so₂k *ʔsuk, *suk, *ʃuk	ʃuʔ⁵⁵
six	khjauk⁵⁵ *kjuk, *kruk, *kluk	khro₂k *ʔkruk, *ʔkruk, *kruk	khjuʔ⁵⁵
burnt / scorched	kjauk⁵⁵ *ʔkjuk, *ʔkruk, *ʔkluk	khro₂k *ʔkruk, *ʔkruk, *kruk	kjuʔ⁵⁵
mucus (nasal)	nɛʔ⁵⁵ *ʔnap, *ʔnat	nhap *ʔnap, *ʔnap	nap⁵⁵
we (two)	nək⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik⁵⁵
last year	nək⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik⁵⁵
heart	nək⁵⁵ *ʔnik	nhac *ʔnik, *ʔnik	nik⁵⁵
lip	nat⁵⁵ *ʔnut, *ʔnit	nhut *ʔnut, *ʔnut	nut⁵⁵
wipe (the table)	sət⁵⁵ *ʔsut, *ʔsit	sut *ʔsut, *sut, *ʃut	sut⁵⁵
nest (bird)	sat⁵⁵ *sut, *sit	suik	sut⁵⁵
paste / stick / glue	tɛʔ⁵⁵ *ʔtap, *ʔtat	kap *gap	tap⁵⁵
millet	tsɛʔ⁵⁵ *ʔtsap, *ʔtsat	chat *ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	tsap⁵⁵
lung	tsat⁵⁵ *ʔtsut, *ʔtsit	chut *ʔtsut, *ʔtʃut, *ʔtsut, *ʔtʃut, *tsut, *tʃut, *tsut, *tʃut	tsut⁵⁵
bird	ŋəʔ⁵⁵ *ʔŋak	nhak *ʔŋak, *ʔŋak	ŋoʔ⁵⁵

	Maru	OBurm	Atsi
needle	ŋɛʔ⁵⁵ *ʔŋap, *ʔŋat	ap *ʔap	ap⁵⁵

Tone: ^{55,53,21}

	Maru	OBurm	Atsi
roll	laŋ⁵⁵ *liŋX	limʔ *limX	leŋ²¹
milk	nuk⁵⁵	nuiwʔ *nuX	nɔ̃²¹
father	phɔ⁵⁵ *paX	phaʔ *paX, *ʔpaX, *ʔpaX	va²¹

Tone: ^{55,53,55}

	Maru	OBurm	Atsi
full	pjaŋ⁵⁵ *bjiaŋX, *briaŋX, *bliŋX	plañʔ *bliŋX	pjiŋ⁵⁵
drop	kjɔ̃⁵⁵ *gjaX, *graX, *glaX	kyaʔ *gjaX	kjo⁵⁵
wait	lɔ̃⁵⁵ *laŋX	lañʔ *laŋX	laŋ⁵⁵
fight / vie for	lɔ̃t⁵⁵ *ʔlut, *ʔlit	luʔ *lɔ̃X	lu⁵⁵
widow	mɔ̃⁵⁵ *maX	maʔ *maX	mo⁵⁵
forget	mjiŋ⁵⁵ *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	miyʔ *miX	mji⁵⁵
day (time)	na⁵⁵ *niX	niyʔ *niX	ŋji⁵⁵
ripe, be (fruit)	mɔ̃ŋ⁵⁵ *ʔmiŋX	mhañʔ *ʔmiŋX, *ʔmiŋX	mjiŋ⁵⁵

Tone: ^{55,55,21}

	Maru	OBurm	Atsi
give	pjiŋ⁵⁵	piyɸ *biH	pji²¹
insect / worm	puk⁵⁵	puiwɸ	pau²¹

	Maru	OBurm	Atsi
excrement	khjik ⁵⁵ *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	*buH khliyh *ʔkliH, *ʔkliH, *kliH	khji ²¹
snap / break (a stick)	khjuk ⁵⁵ *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	khyuiwḥ *ʔkjuH, *ʔkjuH, *kjuH	khjui ²¹
ask / question	mjik ⁵⁵	miyh *miH	mji ²¹
thunder	muk ⁵⁵	muiwḥ *muH	mau ²¹
widow	tʃhuk ⁵⁵ *tʃu, *tʃuH, *tʃuX	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	tʃhui ²¹
cough	tsuk ⁵⁵ *ʔtsu, *ʔtsuH, *ʔtsuX	chuiwḥ *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	tsau ²¹
five	ŋɔ ⁵⁵ *ŋaX	ṇaḥ *ŋaH	ŋo ²¹
smoke	khuk ⁵⁵ *ku, *kuH, *kuX	khuiwḥ *ʔkuH, *ʔkuH, *kuH	khau ²¹
steal	khuk ⁵⁵ *ku, *kuH, *kuX	khuiwḥ *ʔkuH, *ʔkuH, *kuH	khau ²¹
wash (clothes)	tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	chiyḥ *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	tʃhi ²¹
medicine	tʃhik ⁵⁵ *tʃi, *tʃiH, *tʃiX	chiyḥ *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	tʃhi ²¹

Tone: ⁵⁵·⁵⁵·⁵⁵

	Maru	OBurm	Atsi
circle / circular	laŋ ⁵⁵ *liŋX	lumḥ *lumH	liŋ ⁵⁵
feather / plume	muk ⁵⁵	muyḥ *muiH	mau ⁵⁵