



STRUCTURAL
CHEMISTRY

Volume 74 (2018)

Supporting information for article:

Binary polymorphic cocrystals: an update on the available literature in the Cambridge Structural Database, including a new polymorph of the pharmaceutical 1:1 cocrystal theophylline–3,4-dihydroxybenzoic acid

Malitsatsi J. Mnguni, Joseph P. Michael and Andreas Lemmerer

Supplementary Information

How many polymorphic pharmaceutical co-crystals are out there?

M. J. Mnguni, J. P. Michael and A. Lemmerer

1. Lists of CSD Ref. Codes

Table S1: Refcodes of compound that had conformational polymorphism

ACONIR	FITQII	KIGKER	PUTPAV01	UBUJIM03	WUVKEE01
ACONIR01	FITQII03	KIGKER01	PUTPAV03	UBUJIM04	XOLHUC
ACOYOG	FOSMIL	LOFKIB	ROJROZ	UKOSAP	XOLHUC01
ACOYOG01	FOSMIL01	LOFKIB01	ROJROZ01	UKOSAP01	XOLHUC02
CEVPOK	GESBIR	NISLOQ	SAYMUB	VATXOF	PDTOMS10
CEVPOK08	GESBIR01	NISLOQ01	SAYMUB01	VATXOF02	PDTOMS11
EKECOM	IYUVEE	PHNSNB10	TEHNAW	WOQBAF	
EKECOM08	IYUVEE01	PIYQEU	TEHNAW01	WOQBAF02	
ELEGUY	JICTUK01	PIYQEU01	UBUJIM	WUKGAK	
ELEGUY01	JICTUK10	PIYQEU02	UBUJIM01	WUKGAK01	

Table S2: Refcodes of compound that displayed synthon polymorphism

BUFCEL	FEXHOH	JILZOU	MOXVIF01	SETSAN	WOQBAF	NARSOP01
BUFCEL02	FOFZEH	JILZOU01	MOXVIF02	SETSAN01	WOQBAF02	RIFQAY
DINSOK	FOFZEH01	KIHYOQ	NUGZEV	SETSAN02	ZIKPUG	RIFQAY01
DINSOK01	FOSFUQ	KIHYOQ01	NUGZEV01	UNEZAO	ZIKPUG02	RIFQAY02
DIPHUH	FOSFUQ01	KIJSIH	NUKYUO	UNEZAO01	GADGUN01	RIFQAY03
DIPHUH01	GADGUN	KIJSIH01	NUKYUO02	UYAZEA	WOBQEK	
DURZAR	HOLJAU	LIQQIN	ODOBIT	WATREP	WOBQEK01	
DURZAR01	HOLJAU03	LIQQIN01	ODOBIT01	WATREP02	NARSOP	

Table S3: Refcodes of compound that displayed packing polymorphism

ABUNIU	CEKKOU01	FAFTEL01	KATBAJ	NEHJER	PIRNOV	RIWWEA01	VUHFI001
ABUNIU01	COHWIF01	HOLWAI	KATBAJ01	NEHJER01	PIRNOV01	RURROM	XETZIG
BIVSIJ	COHWIF02	HOLWAI01	KONZEU	NIWMEN	PIRQIS	RURROM01	XETZIG01
BIVSIJ01	DAYWAC	HOLWAI02	KOPKEH	NIWMEN01	PIRQIS01	RUYHEZ	YABHAM
BIVSIJ02	DAYWAC01	IJETEW	MOXSAU	NOVSIA	QUIDON	RUYHEZ01	YABHAM01
BOWJII	DIPHUH	IJETEW01	MOXSAU01	NOVSIA01	QUIDON01	TAMBUE	RIFQAY
BOWJII01	DIPHUH01	IJETOG	MOXVIF01	NUKXEX	QULLUF	TAMBUE01	RIFQAY01
BZPPAM	EXUQUJ	IJETOG02	MOXVIF02	NUKXEX01	QULLUF01	VAKTOS	RIFQAY03
BZPPAM01	EXUQUJ01	JOWZIG	NAPYMA	PANQUS	QULLUF02	VAKTOS01	NITRIR
CEKKOU	FAFTEL	JOWZIG01	NAPYMA01	PANQUS01	RIWWEA	VUHFI0	NITRIR01
LEZPUC	LEZPUC01	FEHLEF01	FEHLEF02				

Table S4: Refcodes of all co-crystals found (2925)

ABADU D	CATJUE	EBIMEI	GAXSU V	ITUJIR	LATQOO	NINXAL	PIRNOV0 1	RUXQU W	UDUZIC	WATRE P02	YESZEB
ABEKUN	CATKAL	EBIMIM	GAZWU B	IWEQU X	LATQUU	NINXOZ	PIRPAJ	RUXRA D	UDUZO I	WAWWI A	YEXSE A
ABEKUN 01	CATKEP	EBONU G	GEBLII	IWERAE	LATROP	NIPTUC	PIRPEN	RUXREH	UFERED	WAXSE V	YIKQU G
ABELAU	CATKUF	EBOSIX	GEGSU G	IWEREI	LATRUV	NIPVAK	PIRPIR	RUXRIL	UGAWI K	WAXSIZ	YIKRA N
ABELEY	CAWNE T	EBPETY	GEHRO B	IWERIM	LATSAC	NIPVEO	PIRPUD	RUYHEZ	UGOHO P	WAXSO F	YIMWI A
ABELIC	CAXFIQ	EBPMU R	GEHTUJ	IWEROS	LAVFOD	NIPVIS	PIRQAK	RUYHEZ 01	UGOHU V	WEFKID	YINWI D
ABELOI	CAXNO E	EBUCIP	GENLO B	IWOLIQ	LAVFUJ	NIPVOY	PIRQEO	RUYKUR	UGONI P	WEFKOJ	YIPCIK
ABOQU F	CAYGUF	EBUCO V	GENMA O	IXOXEZ	LAVRAB	NIQNIL	PIRQIS	RUYLAY	UHAPU O	WEGPII	YIQBU X
ABORA M	CAZTBZ	EBUCUB	GENNE T	IXUDIO	LAWBER	NISLOQ	PIRQISO 1	RUZMO O	UHAQA V	WEJHID	YIQCA E
ABTNBA	CAZTBZ 01	EBUDAI	GENNIX	IYUVAA	LAZPIL	NISLOQ 01	PIRQUE	SABCEF	UHAQE Z	WEPSU G	YIRLOB
ABTNBB	CBZTNB	EBUDE M	GEPQU P	IYUVEE	LEDBEC	NITGUS	PIRREP	SABDO Q	UHAQI D	WEPTO B	YIRPE W
ABUHIO	CECFEF	EDCDM P10	GEPREA	IYUVEE 01	LEDBIG	NITQIQ	PIRXUL	SACCAF 01	UHAQO J	WETSO D	YISDIN
ABULEQ	CEDSEL	EDECOF	GEPRO K	IZAXIQ	LEDXOJ	NIWME N	PITYAS	SADTOI	UHAQU P	WETTU K	YIVHUI 01
ABUNIU	CEFMIL	EDORO	GEQRIF	IZUZUZ	LEDYUQ	NIWME N01	PITYEW	SAFNOE	UHAW AD	WEXQIA	YIWYA G
ABUNIU 01	CEFZEU	EFAWU F	GEQRO L	JADGIF	LEFKAK	NIXJUJ	PITYIA	SALCYS	UHAWI L	WEZXO Q	YIZQA A
ABUNO A	CEGGU S	EFISOD	GEQXIL	JAKPIV	LEFQUK	NIXKAG	PITYOG	SAMTEF	UHAW UX	WEZXU W	YOCZIB
ABUPES	CEJTAM	EFUCEP	GERWE F10	JAKPOB	LEGPYI	NIXKEK	PITZEX	SANAPY	UHAXEI	WICZUF	YOCZU L
ACERAD	CEKBOJ	EGENIP	GERWIJ 10	JAKPUH	LEJLOD	NIXKIO	PIVDOO	SAPRAC	UHAZO S	WIDNAZ	YODBE A
ACEREH	CEKBUP	EGENU B	GERYIN	JAKWU N	LEJMIY	NIZQES	PIWKEL	SAPYEO	UHAZU Y	WIDNE D	YOLQO F
ACETAF	CEKKEK	EGEPAJ	GESBIR	JAQLAP	LEJXON	NODGIY	PIWXOI	SARDIY	UHELU O	WIDRU W	YOMK AN
ACOGEE	CEKKOU	EGIQAO	GESBIR 01	JAQNOF	LEJXONO 2	NOJLII	PIWXUO	SARDOE	UHEMA V	WIFXUG	YONKU I
ACOGII	CEKKOU 01	EGMCY T10	GESCAK	JAQNUL	LEQXAG	NOKWU F	PIYDEG	SARJUQ	UHEVIN	WIFYAN	YONLA O
ACONIR	CEKLAH	EGMFC Y10	GESSAY	JAQPAT	LESQOR	NOPDA Y	PIYDUW	SARLEC	UHORU F	WIFZOC	YOSM OI
ACONIR 01	CEKLEL	EGUXA G	GETYIO	JAWVA F	LESZIS	NOPXIZ	PIYFAE	SATHOK	UHOSA M	WIGBIZ	YUCPI W
ACOOY G	CEKLIJ	EHESUZ	GEWLE B	JAWVEJ	LETBIX	NOQFU V	PIYGEJ	SATJAY	UHOSE Q	WIGBUL	YUCVA U
ACOOY G01	CEKLOV	EHESUF	GEYSAE	JAWVIN	LETSAG	NOVLA N	PIYQEU	SAXHIK	UHOSI U	WIGCE W	YUPW OW
ACOOY M	CEKLUJ	EHOTO K	GEYZAL	JAWVO T	LEWDUN	NOVSIA	PIYQEU0 1	SAXJAE	UHOSO A	WIHVUF	YUQHE Y
ACOOZAT	CEKMAI	EJEVUK	GIDLUB	JAWWE K	LEWSUD	NOVSIA 01	PIYQEU0 2	SAXPAK	UHUFO U	WIHWAM	YUQLO M
ACRTM A	CEKME M	EJUZE0	GIDMAI	JAYREH	LEWTAK	NOVSO G	PMEANT	SAXPEO	UHUFU A	WIKTEP	YUQYO Z
ADECIW	CERXIH	EJUZIS	GIDME M	JAZBAO	LEXQEM	NOVSU M	PMICBZ0 1	SAYMU B	UHUNA M	WINMI Q	YUQYU F
ADEPIK	CESKAN	EKECO M	GIHBO Q	JECZAS	LEXQIQ	NOVTAT	PMTABT	SAYMU B01	UHUZII	WIQIV	YURPA D
ADETOT	CEVPOK	EKECO M01	GIHBU W	JEFFOQ	LEXQOW	NOVTEX	POCPED	SAYNIQ	UJEMO L	WIRWID	YUYFO N
ADIHOK	CEVPOK 08	EKECO M08	GIHCAD	JEFFUW	LEZQUE	NPOAPL	POCPIH	SAYNO W	UJORA M	WISROH	YUYFU T

ADIJEC	CEVQAX	EKEMUC	GIHCEH	JEFZUQ	LIBCOQ	NPQHRQ	POCPON	SAYNOX	UJOREQ	WISSAU	YUYFUU
ADOFIJ	CEWYM20	ELEGUY	GIHCIL	JEGBAZ	LIDVAW	NPQNHQ	PODLAV	SAYNUC	UKOKIO	WISSIC	YUZVEV
AFABEP	CEWYOT	ELEGUY01	GIJBEG	JEGBED	LIDXUR	NUBBAN	POFVOV	SAYNUD	UKOKOU	WITVEC	YUZVUK
AFICID	CIKCEF	EMEBO N	GIKKAM	JEGBIH	LIGYOR	NUCHEZ	POLLUZ	SAYPAK	UKOKUA	WITVIG	ZAGKOH
AGIGEE	CIKRAP	ENAGEG	GIKVEB	JEGBON	LIJBEM	NUCQEH	POLMAG	SAYPAL	UKOLAH	WITVOM	ZAGKUN
AHASUX	CILLAM	ENAGIK	GINKUK	JEGBUT	LIJNOH	NUCQIL	POLMEK	SAYPEO	UKOLEL	WIVDUA	ZAJCOC
AHATAE	CILLEQ	ENAGUW	GIPQOL	JEJIS	LIKWIN	NUFSAI	PONYAS	SAYPOY	UKOLIP	WIVFAI	ZAJDAP
AHATEI	CILLIU	ENAHADR	GIPQUR	JEPIY	LILMEA	NUFSAI01	POVGAK	SAYPUE	UKOSAP	WIVHEP	ZAQSOB
AHATIM	CILLOA	ENAEH	GIQRON	JEMDIP	LILMIE	NUFSEM	POVGEO	SAYQAL	UKOSAP01	WIVHIT	ZARFUV
AHIPOW	CILLUG	ENAHIL	GIRDAN	JESVIN	LILMOK	NUFSIQ	POVGIS	SAZKEK	UKOSET	WIXDOY	ZEBKOO
AHIPUC	CILMAN	ENIBOT	GIRDIV	JEWNUU	LILMUQ	NUGRAJ	PRORES	SECJIV	UKOSOD	WIXDUE	ZEBXEL
AJAKAX	CILMER	ENIBUZ	GIRPON	JEWNUU10	LINFIX	NUGZEV	PTZPMA	SEDJUI	ULAWOT	WIYLAT	ZEBXIP
AJAKEB	CILRAQ	ENICEK	GISGUK	JEXNOP	LIPWUC	NUGZEV01	PUFFUS	SEGFUG	ULAWUZ	WOBJOM	ZEBXOV
AJAKUR	CIRKOD	EPUPUB	GIWBIX	JICTIY	LIPXAJ	NUGZOF	PUHFAA	SEHBAI	ULAXAG	WOCFAX	ZEBXUB
AJALAY	CIRMU N	EPUPUB01	GIYHUS	JICTOE10	LIPXEN	NUHBAN	PUHROZ	SEMROS	ULAXEK	WOCHIH	ZEFKIG
AJEZEV	CIRNAU	EPUQEM	GLAUED	JICTUK01	LIPXIR	NUHMEI	PUJBOM	SENYIV	ULAZEM	WOCHON	ZEFKOM
AJIWIA	CIRNEY	EPUQIQ	GOCLIV	JICTUK10	LIPXUD	NUJDOL	PUJHUY	SEPKON	ULAZIQ	WOCHUT	ZEFTOV
AJIWOG	CIRWEG	EQISIH	GODNAO	JICVAS10	LIPYAK	NUJFEF	PUJNIS	SEPLUV	ULEJIE	WOCVIT	ZEFVAJ
AJIWUM	CISCOW	EQISON	GODTUO	JICVEW10	LIQFAU	NUJWAR	PUKDIJ	SEPQUZ	ULEKIG	WOFVES	ZEGKIF10
AJIXOH	CITXAG	ERLANG20	GOGQID	JICVIA10	LIQQAF	NUJWEV	PUKPER	SEPREK	ULEWIS	WOJHEJ	ZEXTIF
AJOGAI	CIWDAO	ESATOH	GOLDOC	JICVUM10	LIQQEJ	NUJWIZ	PULWUO	SEPSIP	ULOXIC	WOJWIB	ZEXVUV
AJOHEN	CIWFIZ	ESATUNT	GOMDE	JILZOU	LIQQIN	NUJWOF	PUMWEZ	SEQRAJ	UMIMOS	WOJWOH	ZEXWEG
AKENEK	CIWFOF	ESAWOK	GOMRAD	JILZOU01	LIQQINO1	NUJWUL	PUNYUS	SESLIM	UMIMUY	WOJWUN	ZEXWIK
ALOLIW	CIWGAS	ESAWUQ	GONBAM	JIMDOY	LIQQINO2	NUJXAS	PUPGUD	SESPAH01	UMINEJ	WOJXAU	ZIJHAD
AMBAM10	CIWGEW	ETABFU	GOPGX	JIMDUE	LIRBOF	NUJXEW	PUQGEO	SETQOY	UMIQIR	WOMGOV	ZIJHEH
AMFURA	CIWGIA	ETAMBU10	GOPJUQ	JITXAL	LIWHOQ	NUKBAX	PUQQIB	SETRIU	UMURUQ	WOMGUB	ZIKNOY
AMIDEF	CIWGU M	ETELOF	GOPKUR	JOCMOD	LIXMEL	NUKBEB	PUTPAV01	SETROA	UMUYOR	WONZEG	ZIKPUG
AMIVUO	CIWHAT	EVAXUV	GOPLII	JOHFOD	LIZVIB	NUKBIF	PUTPAV03	SETRUG	UMUYUX	WOPCOV	ZIKPUG02
AMPCYB	CIWHEX	EVEXUZ	GOPLOO	JOHPOL	LIZVOH	NUKBOL	PUVMIC	SETSAN	UMUZA	WOPDEM	ZILCOO
AMUBAM	CIWHIB	EVEZOV	GOSFEB	JOHPUR	LIZVUN	NUKVAR	PUVMOI	SETSAN01	UNEBOE	WOPPOH	ZILLUB
ANCTNB	CIXBUI	EVIRIK	GOXDII	JOHRAZ	LIZWIC	NUKXAT	PUWFO01	SETSAN02	UNEFUO	WOQBAF	ZILMAI
ANCTNB01	CIXMED	EWAMUL	GUCMOH	JOKJEA	LIZWUO	NUKXEX	PUYTAE	SEYCEF	UNEGAV	WOQBAF02	ZILMEM
ANPHXN	CIXNAA	EWANAS	GUCQUQ	JOPPAF	LOCKEU	NUKXEX01	PVVBFD01	SIBGUF	UNEGEZ	WOQBIN	ZINFEJ01
ANTPIC	CIXNII	EWANEW	GUCRAX	JOPVAN	LOCQIF	NUKYEY	PVVBGS01	SIBHEQ	UNEZAO	WOQBUZ	ZINZUR
ANTPML	CIYDAR	EWANO	GUCSA	JOQGE	LODFAN	NUKYIC	PVVBHJO	SIDSEF	UNEZA	WOWFE	ZIPBAB

		G	Y	D			1		001	T	
ANTPML01	CIYDEV	EWAPAU	GUDNAU	JORJOP	LODFIV	NUKYOI	PYMAST	SIHQOR	UNEZES	WOYPEH	ZIPBEF
ANUNED	CIYDIZ	EWAPAU01	GUFDOB	JORYUK	LODHOD	NUKYUO	PYMSTL	SILKIH	UNIBIC	WUDQAN	ZIPBIJ
APAMOU	CNQNP0	EWAPIC	GUGDIV	JOWZIG	LODKUM	NUKYU002	PYOCHP	SIQBIE	UNISUG	WUKGAK	ZIQDUA
APANBZ	COBLAG	EWAPOI	GUHTOT	JOWZIG01	LOFKIB	NUKZAV	PYRBPC	SIQBOK	UNITAN	WUKGAK01	ZIQFAI
APIBOR	COBME0	EWAQAV	GUHTUZ	JOXBUV	LOFLAV	NUKZEZ	PYRBZQ	SIRBUR	UNUQOK	WUKGEO	ZIQFEM
APIBUX	COFCEF10	EWAQID	GUJSEL	JUBNAV	LOFLEZ	NUKZEZ01	PYRPMA01	SIVBAA	UPATEL	WUKREZ	ZIYYOX
APICIM	COGJOZ	EWARAW	GULQAH	JUBRAZ	LOFLID	NUKZID	PYRTNB	SIYCEJ	UPOQIA	WUKRID	ZIYYUD
APYSAL	COGJUF	EWAREA	GULQEL	JUDNAX	LOFLUP	NUKZOJ	PYTQIM	SIYCIN	UPUHUJ	WUKROJ	ZIYZAK
AQIKOB	COGKAM	EWARIE	GUMNUY	JUDVIN	LOJCES	NUMGUZ	QAFZUT	SIYWAZ	URIHUZ	WUNNUP	ZIZYUE
ARIFOX	COHWIF	EWAROK	GUQHUV	JUDWOU	LOKRAE	NUMHAG	QAGHEN	SKTNIB	URIJAH	WUPTIK	ZIZZAL
ASAVUL	COHWIF01	EWEVOS	GUSRES	JUDYIQ	LOLSUA	NUMHEK	QAKRIF	SMZTMP	URIJEL	WURNON	ZIZZEP
ASAXIB	COHWIF02	EWEVUY	GUSSES	JUHKII	LOMHUR	NUMHI0	QAMRUS	SOBMEC	URIJIP	WURNUT	ZOCRIU
ASAXOH	COLGUG	EXANAT	GUWDEH	JUHKOO	LOMLOP	NUMHOU	QARXEN	SOCMEE	URIJOV	WURPAB	ZODWEU
ASAXUN	COLHAN	EXANEX	GUYBUX	JUHKUU	LOMTAI	NUMHUA	QAWNAD	SOCXEN	URIJUB	WUVKEE	ZOHTEX
ASAXUN01	COLLOG	EXANIB	HAJQOZ	JUHLAB	LOMTEM	NUMJAI	QECYII	SODDIZ	URIKAI	WUVKEE01	ZOHTIB
ASAYAU	COLLUM	EXANUN	HAJQUF	JUHLIJ	LOWQUL	NUMJEM	QEDFEK	SODDOF	URIKEM	WUWRIQ	ZOHTOH
ASAYEY	CONPAW	EXAQA	HALHOT	JUKJII	LOYRIC	NUMJIQ	QEFPOG	SODKOM	URIKIQ	WUZHOP	ZOHTUN
ASAYIC	CONYAF10	EXEJOH	HANHEL	JUKJOO	LUDFUL	NUMJOW	QEGKAO	SOGLAC	URIKOW	WUZHOP01	ZOHVAV
ASKNBZ	CORPIJ	EXEJUN	HARHUF	JURHUZ	LUDYOZ	NUMJUC	QELYAI	SOGXUH	URIKUC	WUZMUZ	ZOHVEZ
ATEXOM	COWHUS	EXEYIQ	HAXVEH	KABLEG	LUJCOJ	NUMKAJ	QETMOS	SOJPEM	URILAJ	XAHZAH	ZOHVID
ATOGLUM	COWJAA	EXEYOW	HAYJIA	KACXET	LUJCUP	NUMKEN	QETMUY	SOLBEC	URILEN	XAPWIU	ZOHVOJ
AWAJOX	COWJO0	EXEYUC	HAZGUL	KAMSEW	LUJDEA	NUQKOA	QETNAF	SOLBEC01	URILIR	XAPWOA	ZOHVUP
AWAJOX01	COWTAK	EXEZAJ	HEBDUP	KAPJAN	LUJSIT	NUSVON	QEWHEH	SOLFAC	URILOX	XAPWUG	ZOHVAW
AWAJOX02	COXHAZ	EXEZEN	HEBFAX	KARHOA	LUJSOZ	NUWGUH	QEWHLI	SOLFEG	URILUD	XAQQEM	ZOHVEA
AWAJOX04	COXLEG	EXEZIR	HEBFEB	KASYEJ	LUKFAY	NUYBUF	QIGVEH	SOLFIK	URIMAK	XAQQIQ	ZOHVIE
AWAJOX05	COZXIZ	EXEZOX	HEDRAL	KATBAJ	LUKXUL	OBECU	QIGVIL	SOLFUW	URISAQ	XAQQOW	ZOHVOK
AWAJOX06	COZXOF	EXEZUD	HEDREP	KATBAJ01	LUMNPO20	OBEDF	QIGVOR	SOLGAD	URUR	XAQQUC	ZOHVUQ
AWEXUW	COZXUL	EXIBAP	HEDRIT	KAXRIM	LUNMAI	OBEDIJ	QIJCUH	SOLHUY	USINAM	XAQRAJ	ZOHVAX
AWEYAD	COZYAS	EXIBET	HEDROZ	KAXROS	LUNMEM	OBEDOP	QILCAR	SOLJAG	USOBOU	XAQRIR	ZOKYON
AWUDEB	COZYEW	EXIBIX	HEDSAM	KAXRUY	LUNMIQ	OBEDUV	QIMHUP	SOLJEK	USOCAH	XASDEA	ZOKYUV
AWUQUF	COZYIA	EXIBOD	HEDSEQ	KAXSOT	LUNMOW	OBUBOE	QIMJAX	SOLJIO	UVIMES	XAVROB	ZONYOQ
AWUVEU	COZYUM	EXIBUJ	HEGGAD	KAXSUZ	LUNMUC	OCAMUC	QISMIQ	SOMJEK	UWEPUI	XAVTEV	ZOPGOC
AXAKUG	COZZAT	EXICAQ	HEPKES	KAYFOH	LUNNEN	OCATUH	QISNEM	SOMKEL	UXEZIH	XAXPOB	ZOXVUF
AXOGIE	COZZEX	EXICEU	HIBFUT	KAYFUN	LUNNIR	OCEBUV	QIVBAA	SONCED	UXOFO	XAXPUH	ZOYBEW

AXOGO K	COZZIB	EXICIY	HIBGII	KAYGA U	LUNPAL	OCEGEK	QIXVUO	SORWE B	UYAZE A	XAXQA O	ZOYBI A
AXOPAF	COZZO H	EXIFAT	HIBGOP	KAYGEY	LUNQIU	OCIQAT	QIZYOP	SORWE D	UYOPA A	XAYXEA	ZOYCA T
AXOPEJ	COZZU N	EXIFEX	HIBJUX	KAYGIC	LUNRER	OCIQEX	QOGBAR	SORWIF	UYOSU X	XEBFOA	ZOYCE X
AXORIO	CSATBR	EXIMO O	HIBKAE	KAYGOI	MAAZNB	OCUJUR	QOGBAR	SORXED	UYOTA E	XEGHE W	ZUDBIJ
AXORO U	CSATEO	EXIZUH	HIBKEI	KAYHA V	MAHKAJ	ODEHIO	QOGBEV	SOVDIQ	UYOTEI	XEHMA Y	ZUFQA U
AXUGO Q	CTHXDL	EXUQE U	HICTOD	KAYHEZ	MAHPUI	ODEHO U	QOGBIZ	SOVFIS	UYOTI M	XEJXIU	ZUFW UU
AYEGA M	CUBBA D	EXUQUJ	HICWU M	KAYHU P	MAHWU O	ODEJIR	QOLMA H	SOVHE Q	UYOTO S	XEMCID	ZUFXA B
AYORO W	CUBBEH	EXUQUJ 01	HIDQO C	KAYJAX	MAKKEQ	ODOBIT	QOLMEL	SOVKAR	UYOTU Y	XEPBIF	ZUFXIJ
AYOWE R	CUBKER	EYUJEO	HIDQUI	KAYNED	MAMPU M01	ODOBIT 01	QOLMIP	SOXJIY	UYOVA G	XEPBOL	ZUPKU Q
AYUHEI	CUDQU P	EZEDAP	HIDRAP	KEBHU W	MAMPU M02	ODOHE V	QOLMO V	STHSA M01	UYOVE K	XEPBUR	ZUPLA X
AZOVU H	CUGBO W	EZEGIA	HIDRET	KEBJIM	MAQYAF	ODOHIZ	QOLMU B	STINBZ	UZOXO X	XEPCAY	ZUTLU V
BABYOT	CUGCAI	EZIDOH	HIDRIX	KEBLIO	MAQEYJ	OFOKEA	QOLNAI	SUGCAY	UZOXU D	XEQCIH	ZZZAGJ 01
BAGDU K	CUJMO K	EZIDUN	HIDWA T	KECYUN	MAWPU W	OFOKIE	QOLNE M	SULTHE 01	VABVO L	XEQCO N	ZZZAG S10
BAHLAX 10	CUJMU Q	EZIFAV	HIFZIF	KEFBIH	MAZYUI	OFOKO K	QOLNIQ	SURMA D10	VAFWO P	XEQCUT	ZZZAK D10
BAJROU	CUJNAX	EZIFID	HIFZUR	KEFBON	MBUMA D10	OFUGU R	QOLNO W	SUTTUX	VAFWU V	XEQDAA	
BAPMA H	CUJNEB	FADGOI	HIHPEU	KEFBUT	MEBRAN	OFUYIZ	QOLSAM	SUVZEO	VAFXAC	XESSAQ	
BARAAD	CUMNE E	FADGU O	HIMGAL	KEFCAA	MEBRER	OGAFO S	QOMMU C	SUWGO G	VAFXE G	XETZIG0 2	
BARAPY 10	CUMRA E	FADHAV	HIMGEP	KEFCEE	MEBRUH	OGAFU Y	QONYUP	SUWYO Z	VAFXIK	XEW TIC	
BARJOT 11	CUSYOF	FADHEZ	HIMMI A	KEFCII	MECHAF	OGENA Q	QOQJOX	SUXVO W	VAFYEY	XEWTOI	
BARMP N	CUSZAS	FADHID	HIQQOP	KEGCIJ	MEHFOV	OGEPIA	QOQKEO	SUXVUC	VAFYIL	XEWTO O	
BASYOL	CUSZIA	FADHOJ	HIQRO Q	KEGPU H	MEKWU U	OGEPO G	QOQKOY	SUZQIO	VAKTOR	XEWVA W	
BASYUR	CUTBAV	FADHUP	HIQRU W	KEKGOX	MELNAB	OGEZOP	QOTCEH	SUZZOC	VAKTOS	XEXCAE	
BAVVEZ	CUTBEZ	FAFSIO	HIQSAD	KEKHIS	MICFEJ	OGIKUL	QOVHOZ	TACBAC	VAKTOS01	XEXCEI	
BAXGAI	CUTBID	FAF TAH	HIQSEH	KEMCEL	MIGROJ	OHAQO D	QOVHUF	TACBEG	VAKTUX	XIBQUU	
BAZCUA	CUVSES	FAFTEL	HISRUY	KEMYIK	MIGTEC	OHIQUS	QOXQAW	TACBIK	VAKVIN	XICRUY	
BAZDAH	CUWZAW	FAFTEL 01	HISZEQ	KERSAB	MIGTECO 1	OJENIA	QOZKAS	TACBO Q	VAPFEX	XICSAF	
BECNUS 02	CUYXU Q	FAGDOI	HISZIU	KEWZUI	MIJTEG	OKIRAB	QQQEYV 01	TACBU W	VARJAA	XIDGAU	
BECNUS 10	CUZDAC	FAGDU O	HIVGAW	KEXJIH	MIMTIM	OLOBAS	QQQGH M01	TACCAD	VATCOI	XIDGEY	
BEFGIC	DACNOM	FAGFA W	HIYCAT	KEXZIX	MIPSAF	OMAXE F	QULLUF	TACCEH	VATMIN	XIFKUT	
BEMLO V	DAJLEF	FAKFUU	HIZBEY	KEXZOD	MIPVEM	OMESOP	QULLUF 01	TACCUX	VATTIV	XIPSEW	
BEMLUB	DAJPUA	FAKJOS	HIZROZ	KEXZUJ	MIPVOW	OMTFN Q	QULLUF 02	TACDAE	VATXOF	XIPVAU	
BEPPAN	DALPOX	FAKJUY	HMTH QU	KEYGAY	MIRJEE	ONAPUP	QUPNA Q	TACTAU	VATXOF02	XIWDAI	
BEWKUJ 14	DALPUD	FAKQUF	HMTM CR	KIBQOC	MIUDAP 10	ONAQAW	QUTFAN	TALCOA	VAWLAG	XIWHES	
BEYDUF	DALQAK	FAKRAM	HMTOHQ	KIBQOC 01	MODPAX	ONAQIE	QUWZIS	TALCUG	VAWLE K	XOBCAT	
BICMUX	DANLA	FARMA	HOBBA	KICWIE	MOFXUB	ORAWI	QUWZO	TAMBU	VAXQUI	XOBCU	

	G	M	B			O	Y	E		N	
BICNAE	DAQYOK	FASJUG	HOCCEJ	KIDNOB	MOGVOV	OROWEY	QUYJEA	TAMBU E01	VAXRAP	XOCLOS	
BIFFIH	DAQYUQ	FAVFAL	HOCOCT	KIDNUH	MOGWEM	ORUXOP	RADDOQ	TAPFIB	VAXRET	XODPIR	
BIFFUT	DAQZAX	FAVFIT	HOCCUZ	KIGKER	MOKQUZ	OTESAI	RADFOS	TAPNAZ	VECLIY	XOGDII	
BIGCUP	DAQZEB	FEFYAS	HOGFEQ	KIGKER01	MOMVUG	OTESEM	RADGAF	TASLAA	VEFVIM	XOGDOO	
BIHBUP10	DAQZIF	FEGPOW	HOGFUG	KIGKIV	MOQGIJ	OTOFUZ	RAFDEJ	TASLEE	VEFVUY	XOGFAC	
BIHZAU	DAQZIF01	FEQVON	HOGGAN	KIGKOB	MOQGOP	OVAROT	RAHGUC	TAWNEL	VEFWAF	XOGFIK	
BILXUP	DAQZOL	FEQXEF	HOGGER	KIGKUH	MOQGU V	OVEZUL	RAHHAJ	TAZRAO	VEMZIX	XOGFOQ	
BIQNEW	DAQZUR	FEQXIJ	HOGGOB	KIGLAO	MOQHAC	OVIBAX	RAHHEN	TAZWOH	VEQKIL	XOGMIR	
BIRDIP	DATQEV	FERPOJ	HOJKEY	KIGLES	MORVEV	OVIBEB	RAHMEU	TCQBAZ10	VESWIB	XOGMUD	
BIVCIU	DATQIZ	FERQAW	HOJLUO	KIGLIW	MORVOF	OVIVAR	RAPXAI	TCQBDX	VESWOH	XOGNEO	
BIVKAS	DATQOF	FERQEA	HOJMAV	KIGLOC	MORVUL	OVUFUH	RASBOD	TECSAV	VESWUN	XOGNIS	
BIVSIJ	DATQUL	FERQIE	HOLJAU	KIGLUI	MORWAS	OWAWAL	RASCAQ	TEDDIP	VESXAU	XOGNOY	
BIVSIJ01	DATRAS	FERQOK	HOLJAU03	KIGNEV	MOVTOH	OWEHII	RATBET	TEFRIG	VESXEY	XOGNUE	
BIVSIJ02	DAVPAS	FERQUQ	HOLVUB	KIGNIZ	MOXRUN	OWIGHH	RAVVUF	TEFROM	VESXIC	XOHWAU	
BIWVOS	DAVPEW	FERRAX	HOLWAI	KIHXAB	MOXSAU	OWIYEZ	RAWBOG	TEFRUS	VESXOI	XOHXAU	
BIWVUY	DAVQUN	FERYAD	HOLWAI01	KIHXEF	MOXSAU01	OWOYIJ	RAWCAT	TEFSAZ	VESXUO	XOJMZZ	
BIYBIU10	DAVROJ	FERYEH	HOLWAI02	KIHXIJ	MOXSEY	PABBAV	RAWCEX	TEFSED	VESYAV	XOJMUF	
BIYGOH	DAYWAC	FERYIL	HONFEX	KIHXOP	MOXTID	PACSOB	RAWCIB	TEFSIH	VESYEZ	XOJNAM	
BIZMAZ	DAYWAC01	FERYOR	HONFIB	KIHXUV	MOXTUP	PAJFAI	RAWCOH	TEFSON	VESYID	XOJNEQ	
BNATCB10	DAZBOV	FERYUX	HONSUZ	KIHYAC	MOXVAX	PAKJAO	RAWCUN	TEGFOC	VEVFOT	XOJNIU	
BNQBRP	DBTTNB	FERZAE	HONTAG	KIHYEG	MOXVEB	PAKJES	RAWDAU	TEGGIX	VEVFUZ	XOJNOA	
BNQCLP	DCPHE N	FERZEI	HONTOU	KIHYIK	MOXVIF	PAKJIW	RAWDEY	TEHNAW	VEVGA G	XOJNUG	
BNQDBP	DEBJAW	FERZIM	HONTUA	KIHYOQ	MOXVIF01	PAKJOC	RAWDIC	TEHNAW01	VEVG EK	XOJPAO	
BNQDCP	DETGEP	FETYAE	HONVAI	KIHYOQ01	MOXVIF02	PALCIP	RAYLIM	TEJGUK	VEVGIO	XOJPAP	
BNZTNB	DEXTOQ	FEVKUO	HONVEM	KIHYUW	MOXVOL	PALXND10	RAYLOS	TEJGUK01	VEVGOU	XOJYEC	
BOBQUG	DEXWEK	FEXHOH	HONVIQ	KIHZAD	MOXWAY	PAMPEA	REBXED	TEJNEC	VEVPOD	XOKSUN	
BOBRAN	DGUBCY	FEZPAB	HONVOW	KIHZEZ	MOXWEC	PAMPIE	REBXON	TEJYEN	VICHOF	XOKTIC	
BOGGUZ	DIBMEG	FICBEA	HONVUC	KIHZIL	MOXXAZ	PAMQAX	REBXUT	TEKKID	VIGFOH	XOKTOI	
BOGRIZ	DIBTUE	FICBIE	HONWAJ	KIHZOR	MOZCOU	PAMWUX	REDCIM	TELDIZ	VIGFUO	XOKTUO	
BOKHAM	DICCUP	FICYIB	HOPBZQ	KIJSAZ	MOZCUA	PANQIG	REDCOS	TELVIP	VIGGAU	XOKVEA	
BOLBAH	DICVUH	FIDKOT	HOPKAZ	KIJSZED	MOZDAH	PANQOM	REDCUY	TENKUS	VIGGEY	XOLFEL	
BOLNIA	DIDZAT	FIDLIO	HOPKIH	KIJSIH	MOZDIP	PANQUS	REDDEJ	TENNO R	VIGGOI	XOLFIP	
BOLNUM	DIDZEX	FIDLOU	HORNEI	KIJSIHO1	MPBOPA	PANQU S01	REDDIN	TENNU X	VIGKIF	XOLHUC	
BOMBOW	DIFDOM	FIDLUA	HOTZEW	KIJSUT	MTBPNP	PANYIM	REFCEK	TENSIQ	VIGKOL	XOLHUC01	

BOMBUC	DIFPAK	FIDMAH	HOVFO P	KIJTAA	MTHMA D	PANZEJ	REGCIR	TENSO W	VIGKUR	XOLHUC 02	
BOMCAJ	DIFPOY	FIFLAI	HOWLA H	KIJTEE	MUBRAD	PAPDIT	REGKOF	TENYAO	VIGLAY	XOMZEG	
BOMGUH	DIFPUE	FIFSUI	HQUCLA	KILJOE	MUDSAF	PAPFOB	REGKUL	TENYES	VIGLEC	XOMZOQ	
BOMROM	DIJVOH	FIHSUL	HQUNBZ	KINTUY	MUDSEJ	PARBIT	REGLAS	TEPMUW	VIGLOM	XONBAF	
BOMTOO	DIJVUN	FIHYEA	HUFZUE	KIXHEE	MUDSIN	PARBOZ	REGLEW	TERSAK	VIGLUS	XONBEJ	
BOQBEO	DIMTAW	FIJCIK	HUHDEU	KIZQIT	MUFNIK	PASKOL	REHNAT	TESBRP	VIGVOW	XONBIN	
BOQNIG	DIMTEA	FILHEN	HUHDY	KIZQOZ	MUGBAS	PASYEN	REHSAA	TEVLOW	VIHGOI	XONBOT	
BOQNU S	DIMTIE	FILHIR	HUHDUK	KIZQUF	MURPYR	PAVKU U	REHSEE	TEWWID	VIHMOQ	XONBUZ	
BOTCET	DIMZU U12	FILHOX	HUHFA S	KIZREQ	MUSPAS	PAVXAN	REHSII	TEXPOB	VIJTIR	XONCIO	
BOTCIX	DINRUP	FIQBAJ	HUHFEW	KIZVAQ	MXTTCQ 01	PAXFIF	REHSOO	TEXTUN	VIKSOZ	XONCUA	
BOTCOD	DINRUP 01	FITQII	HUHFA HUHFOG	KIZYAV	NAHZIF	PBZQH Q	REHSUU	TEXVAV	VILRUE	XONPIZ	
BOTCUJ	DINSIE	FITQII03	HUHFOG	KIZYEZ	NANPOI	PCRTXN	RELCUH	TEZMOC	VILSEP	XONPUN	
BOTDAQ	DINSOK	FIXROV	HUHFULM	KIZYID	NANPUO	PECREW	RERNUZ	TEZMUI	VILSIT	XONQEY	
BOTRIL1 0	DINSOK 01	FIZFUR	HUHGA T	KIZYOJ	NANQAV	PEFCAG	RETSEQ	TEZNET	VIPVIB	XONQIC	
BOVVEP	DIPHUH	FLABPC	HUHGE X	KIZZAW	NANQEZ	PEFNEV	REXNAL	TEZNIX	VIPXOJ	XONQOI	
BOVVIT	DIPHUH 01	FOCXAX	HUHGI B	KOBFIQ	NANQJD	PEFNIZ	REXNEP	TEZNOD	VIPXUP	XOSWIN	
BOVVOZ	DISXOU	FODTIB	HUHGOH	KODJES	NANQOJ	PEFNIZO 1	RIDFAN	THOPBA	VIRSUM	XOTYOY	
BOVVUF	DITHOE	FOFZEH	HUHRA D	KODXU Y	NAPSOO	PEFNUL	RIDFER	THYBNZ 10	VIRTAT	XOTYUB	
BOVWAM	DITHUK	FOFZEH 01	HUMY OE	KOHYAJ	NAPSUU	PEFPAT	RIGDES	TICDUF	VIRTEX	XOWKAX	
BOVWE Q	DITJAS	FOFZIL	HUPPAJ	KOLSEK	NAPTAB	PEFPEX	RIHBUG	TICKEV	VIRYOM	XOWKEB	
BOVWI U	DITJEW	FOJCAK	HUPPEN	KOMSA G	NAPTCC1 0	PEGDAH	RIKYOZ	TICREE	VIRYUS	XOWKIF	
BOVWO A	DITKAS	FOMWIN	HURYIC	KONZEU	NAPTEF	PEHFUF	RIKYUF	TICRII	VIRZAZ	XOXHEY	
BOVWU G	DIVTAD	FONHO H	HUSVU M	KOPKEH	NAPTJ	PEHSUS	RILJEB	TICROO	VISWAX	XOZJAY	
BOVXAN	DIWGO G	FORBA Q	HUSWAT	KOVSAR	NAPTOP	PEKREE	RILJOL	TICYIP	VITKEP	XOZSOV	
BOVXER	DIWTO U	FORBEU	HUSWIB	KOVSEV	NAPYMA	PEKRUU	RINHUT	TICZUC	VITKIT	XUDCII	
BOVXIV	DIYYOB	FORLAB	HUZCU A	KOVSIZ	NAPYMA 01	PEKSEF	RIQFOO	TIDBAL	VITKOZ	XUKZEI	
BOVXOB	DIYYUH	FOSFIE	HUZSE A	KOVSO F	NARWAG	PEKTAC	RIRGUV	TIDFER	VIWZEI	XULKOG	
BOVXOB 01	DOCWU N	FOSFOK	IACNCA	KOXTAU	NAWSOU	PEKWUZ	RIRPOX	TIDFUH	VIXLAR	XUNDAL	
BOVYAO	DOGQEV	FOSFUQ	IANNO B	KUCGE W	NAXJIH	PEKXAG	RIWJIQ	TIJIG	VOCHIE	XUNGIW	
BOVYES	DOLXOT	FOSFUQ 01	IBEHII	KUCGIA	NAXMEG	PEKXEK	RIWWAW	TIKNUX	VOCHOK	XUNGO C	
BOVYIW	DOMHA Q	FOSMIL	IBIXIC	KUCQEG	NAXMIK	PENPY M	RIWWEA	TIPFII	VOCJAY	XUNGUI	
BOVYUI	DOMHE U	FOSMIL 01	IBUJAQ	KUFPIK	NAXYOC	PEQBES	RIWWEA 01	TIVCOS	VOCTEO	XUNHAP	
BOVZAP	DOPCU G	FOTFAX	ICINEN	KUFWO Z	NAXYUI	PEQPAD	RIYWAY	TIVJUF	VOCZET	XUNHIX	
BOWJEE	DOPMUS	FOTFEB	IDILAI	KUMRO Z	NAYMOP	PEQPEH	RIYXUT	TIWZAA	VODCOH	XUNHOD	
BOWJII	DOPNA	FOTSEO	IDUBUF	KUNPU	NAYMUV	PEQPIL	RIZWEC	TIXTUQ	VOHKA	XUNHUJ	

	Z			E				01	G		
BOWJIO1	DOPNE D	FOTYET	IDUMO J	KUXTIH	NEBVOH	PEQPOR	RIZWOM	TMUBZ P10	VOHKE K	XUVQIP	
BOWJU U	DORXO Z	FOTYIX	IDUMU P	KUZBEN	NEBWIC	PEQPUX	RIZWUS	TMXST Q10	VOHKO U	XUVQO V	
BOWKE F	DORXU F	FOTYOD	IDUNA W	KUZSO O	NEBWOI	PEQQAE	ROJCAW	TNBFBT	VOHKU A	XUVQU B	
BPHIPH	DORYA M	FOVPIQ	IDUTUX	KUZSU U	NEBWU O	PEQQEI	ROJCEA	TNFLM B	VOHW UL	XUVSAJ	
BUDWA Y10	DOSPAE	FOWSAM	IFABUN	KUZZUB	NEBXAV	PEQQI M	ROJROZ	TOBLUT	VOJHA E	XUVSIR	
BUDWE C	DOSPEI	FOYTES	IFACUO	LABJIH	NEBXEZ	PEQO S	ROJROZ 1	TOBMA A	VOMW OJ	XUVSUD	
BUFCEL	DOSPIM	FUHGU L	IFIHEK	LACBU O	NEBXID	PERPML	ROJSIT	TOJBA W	VOPCU A	XUVTEO	
BUFCEL 01	DOSPOS	FUHPA A	IFIMAL	LADCA W	NEBXOJ	PESROV	ROKQAJ	TOJBEA	VOPW OM	XUVTIS	
BUFCEL 02	DOSPU Y	FUHRAC	IHUWO X	LADCEA	NEFRAT	PETNEJ	ROKQEN	TOJBUQ	VORLO E	XUVTOY	
BUFXOP	DOSQA F	FUQTO B	IJETEW	LADCU Q	NEFTIB	PETNIN	ROLFOO	TOJCAX	VOVRA B	XUVTUE	
BUMPE E	DOSZES	FUREAP	IJETEW 01	LADDAX	NEHJER	PETNOT	ROLFUU	TOJFUU	VOXWA I	XUVVA M	
BUMPE E10	DOSZIW	FUVNEP	IJETOG	LAGDO M	NEHJERO 1	PETNUZ	ROMFAC	TOKYEX	VOZNU V	XUVYAP	
BURBAD	DOSZO C	FUXYEC	IJETOG 01	LAKXUS	NEJVOP	PETPAH	ROMVU M	TOMW OJ	VUGMI T	XUYKIM	
BUREAP	DOSZUI	GABYUE	IJETOG 02	LANLUJ	NEKDAJ	PETPIP	RONDAA	TOMXE A	VUGM OZ	YABHA M	
BZANTC 10	DOWTA M	GABZAL	IJEZUT	LANYIK	NEKDOX	PETPOV	RONDEE	TOMXIE	VUHFIG	YABHA M01	
BZAPM A10	DOXDU R	GABZIT	IJIBEJ	LAPKUJ	NELTIH	PETPUB	RONDII	TONME P	VUHFIG 01	YABHIU	
BZAPRM 10	DOXFAZ	GACBES	IJIBEJ01	LAPLEU	NEMSUT	PETQAI	ROQLEQ	TONMIT	VUHKE O	YAFVOS	
BZATNB 20	DOXFED	GACBO C	IJIHOZ	LAPLIY	NEMTAA	PETQE M	ROQLOA	TOPPNP	VUJSOJ	YAGCU G	
BZPPAM	DHPZL	GACZEQ	IJJIAN	LAPLOE	NEMTEE	PEVKIK	ROQLUG	TOSGOZ	VUJSOJ 01	YAGFAP	
BZPPAM 01	DUCROJ	GADGUN	IJOYAI	LAPTUS	NEMTOO	PEVKU W	ROQMAN	TOSGUF	VUJTA W	YAHFOC	
BZQRES	DUCXO P	GADQIL	IKAFAC	LAPVAA	NENDAM	PEXNAJ	ROSMIX	TOYHE W	VULTEC	YAHJIC	
CACGUK	DUDBU Z	GAFTUE	IKANAK	LASZUC	NEPXEN	PEXPIT	ROSMOD	TOYHO G	VUQVU Z	YAHNO M	
CAFBAR 20	DUGRIG	GAHDUP	IMUEAD	LATBAL	NEQCET	PEZQAN	ROTHERP	TOYHUM	VUXBIA 01	YAHQEF	
CAFSAL	DUGROM	GAHFIF	INACQ	LATBEP	NEVKAB	PHLBZQ	ROTHIT	TOZMUS	VUYVIV	YAHRIK	
CAHLON	DUGRUS	GALRIU	INEJUG	LATFUJ	NEVKAB 01	PHNSNB 10	ROTRZ	TPYMAN	VUZME J	YALKEB	
CAHLUT	DUJLIE	GALRIU 01	INEXIJ	LATGA Q	NEWRUD	PHNSNB 12	ROVSAY	TUHHUZ	VUZNIO	YALKIF	
CAIQAG	DULJEA	GAPRUL	IPEVEF	LATGEU	NEWSAK	PICDUA	RSHMTA 02	TUJKUE	VUZZE W	YAMPIM	
CAIQEK	DULJUQ	GAPWE Z	IPEVIJ	LATGIY	NEWSEO	PICFAI	RUCDEZ	TUJLEP	WABW EB	YASGAC	
CAIQIO	DURZAR	GAPWID	IPEVOP	LATGOE	NEZLUZ	PICFEM	RUCDID	TUPYOT	WACVED	YASGIK	
CAIQOU	DURZAR01	GAPWJ	IPEVUV	LATGUK	NEZMAG	PIFHAO	RUCFAX	TUQBIR	WADTOM	YASGO Q04	
CAJRAH	DUSKUY	GAQFA H	IPEWEG	LATHAR	NEZXAT	PIFWAD	RUCFEB	UBUBIC	WAFFUG	YAWQOD	
CAJREL	DUTSO B	GAQYEE	IPEWIK	LATHEV	NEZXOH	PIKLEA	RUCFIF	UBUHO Q	WAJVO U	YAXDIL	
CAJRIP	DUVHA E	GATZIM	IPOSIP	LATHIZ	NIBJUF	PIKMIF	RUFYIC	UBUJIM	WAJVUA	YAXMIU	
CAKYOE	DUVHA E01	GATZOS	IPUPIT	LATHOF	NIBZAM	PILCUK	RUFYOI	UBUJIM 01	WAJWAH	YAXRAS	

CAKZEV	DUXXID	GAUTAM	IQAZAB	LATHUL	NIFCAH	PILKIG	RUGCED	UBUJIM03	WAJWEL	YAXSUN	
CALGAZ	DUYVUP	GAVBAI	IQEWIK	LATKOI	NIGFIS	PILKUS	RUGYEZ	UBUJIM04	WAJXAI	YAXWOL	
CALJUW	DUYWAW	GAVBEM	IRETII03	LATKUN	NIGQEA	PILLAZ	RUGYID	UCEFAJ	WANC OE	YECHY	
CALKAD	DUYWEA	GAVBIQ	ISACOV	LATKUO	NIGVIK	PILLUT	RULLUF	UCOTIQ	WANC UK	YECOE	
CALKEH	DUZPEU	GAVBOW	ISACUA	LATLAV	NIHDAJ	PILMAA	RUQFIS	UCOTUC	WANDEV	YECHUK	
CAPRES	EADBAC	GAWJEU	ISIJAW	LATLEZ	NIHGOB	PINHID	RURROM	UDEJUK	WANJIG	YECJAS	
CARSUL	EADBAR10	GAWSA Y	ISIJEA	LATLIC	NIJHEV	PINMIK	RURROM01	UDEKAR	WANJOM	YEGDEU	
CARTEW	EBAABB	GAXRUU	ISIJIE	LATMEA	NILZUD	PIRFON	RURRUS	UDEKEV	WAPXOA	YEHXOZ	
CARWUP	EBAEBH	GAXSAB	ITOXUL	LATMEZ	NIMBAM	PIRLUZ	RUVVAF	UDEKIZ	WARPIP	YEJKON	
CASNOA	EBILUX	GAXSEF	ITUJAJ	LATQEE	NIMHEX	PIRNOV	RUWJOI	UDUZEY	WATREP	YERBOM	