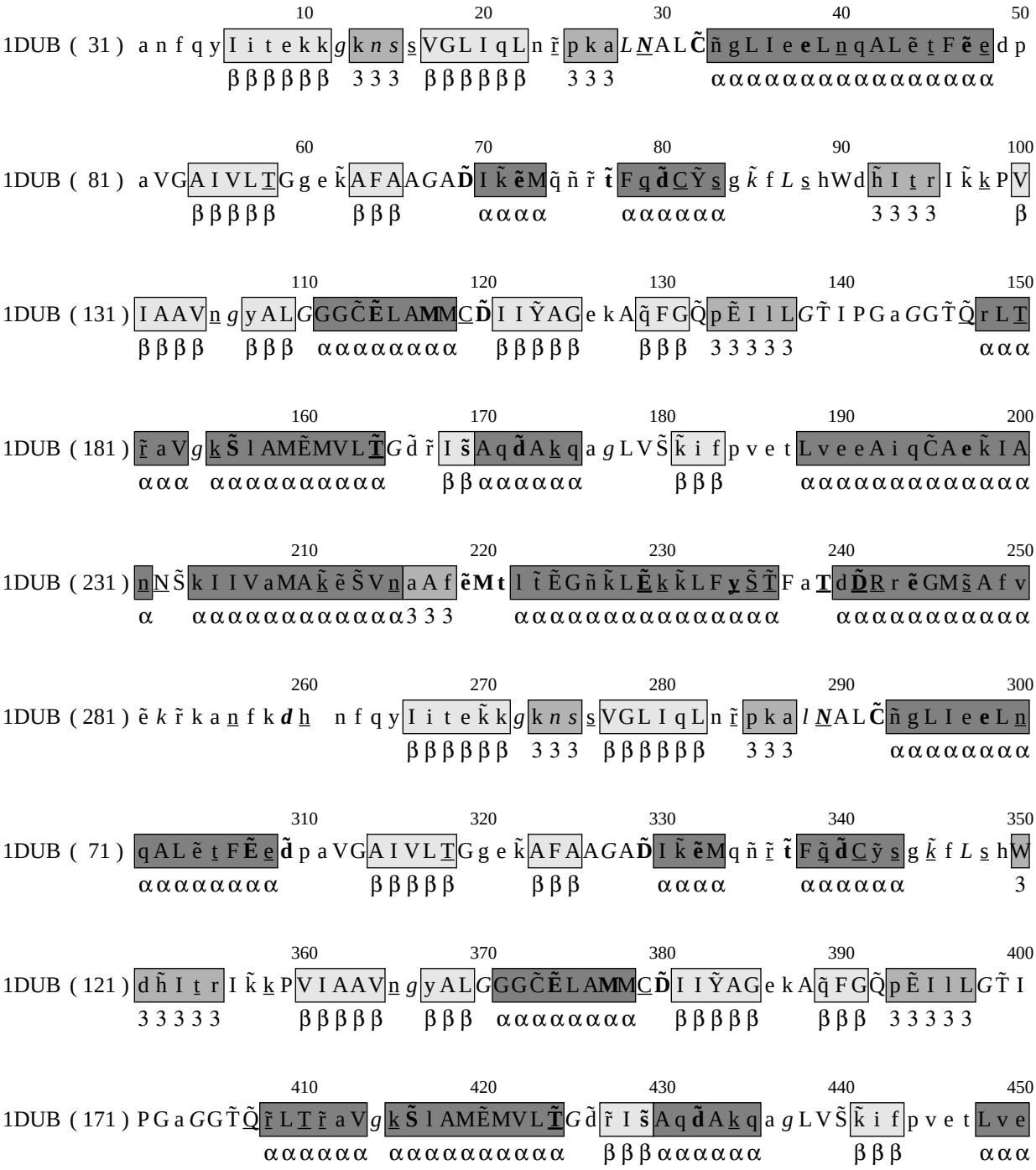
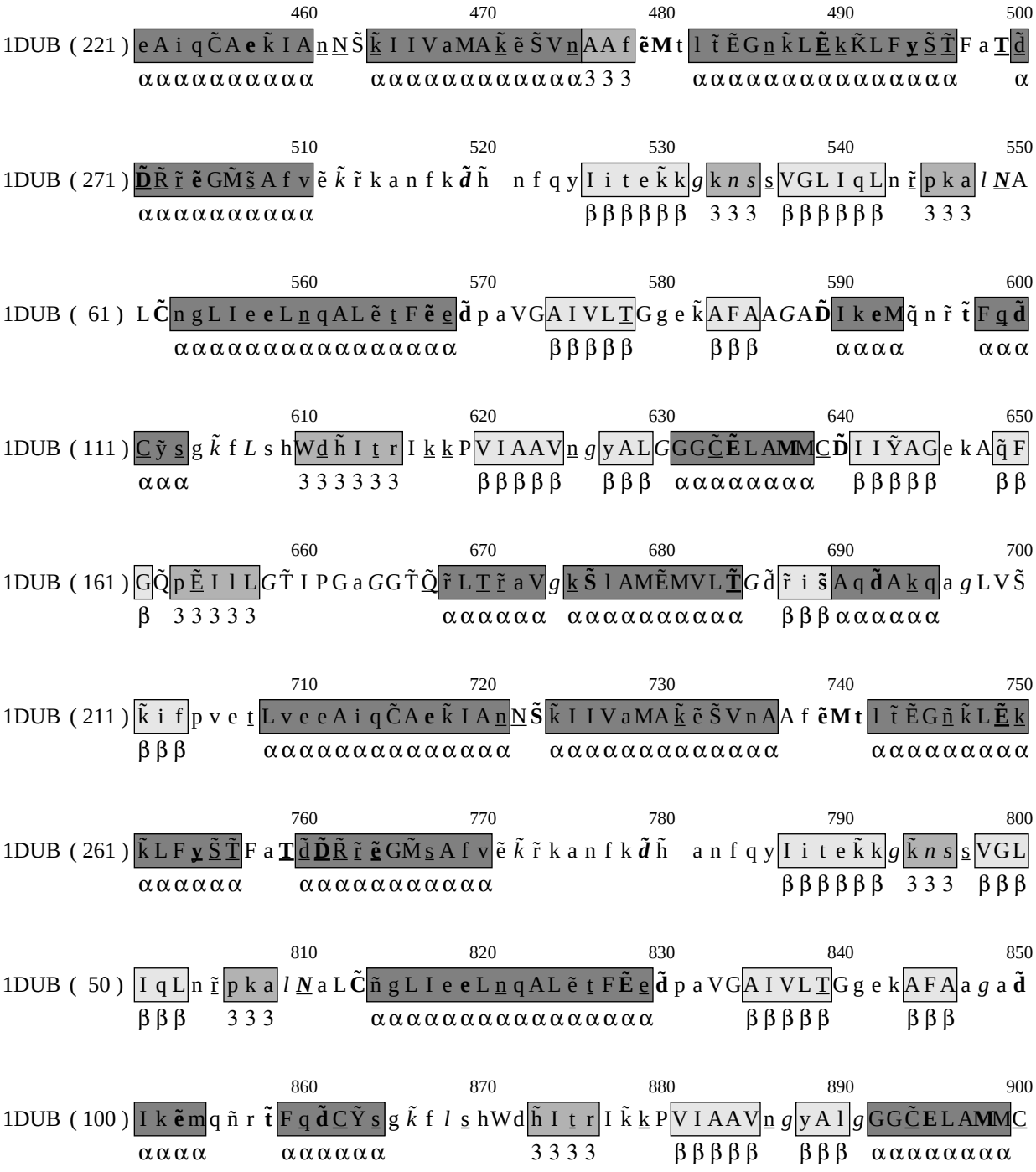
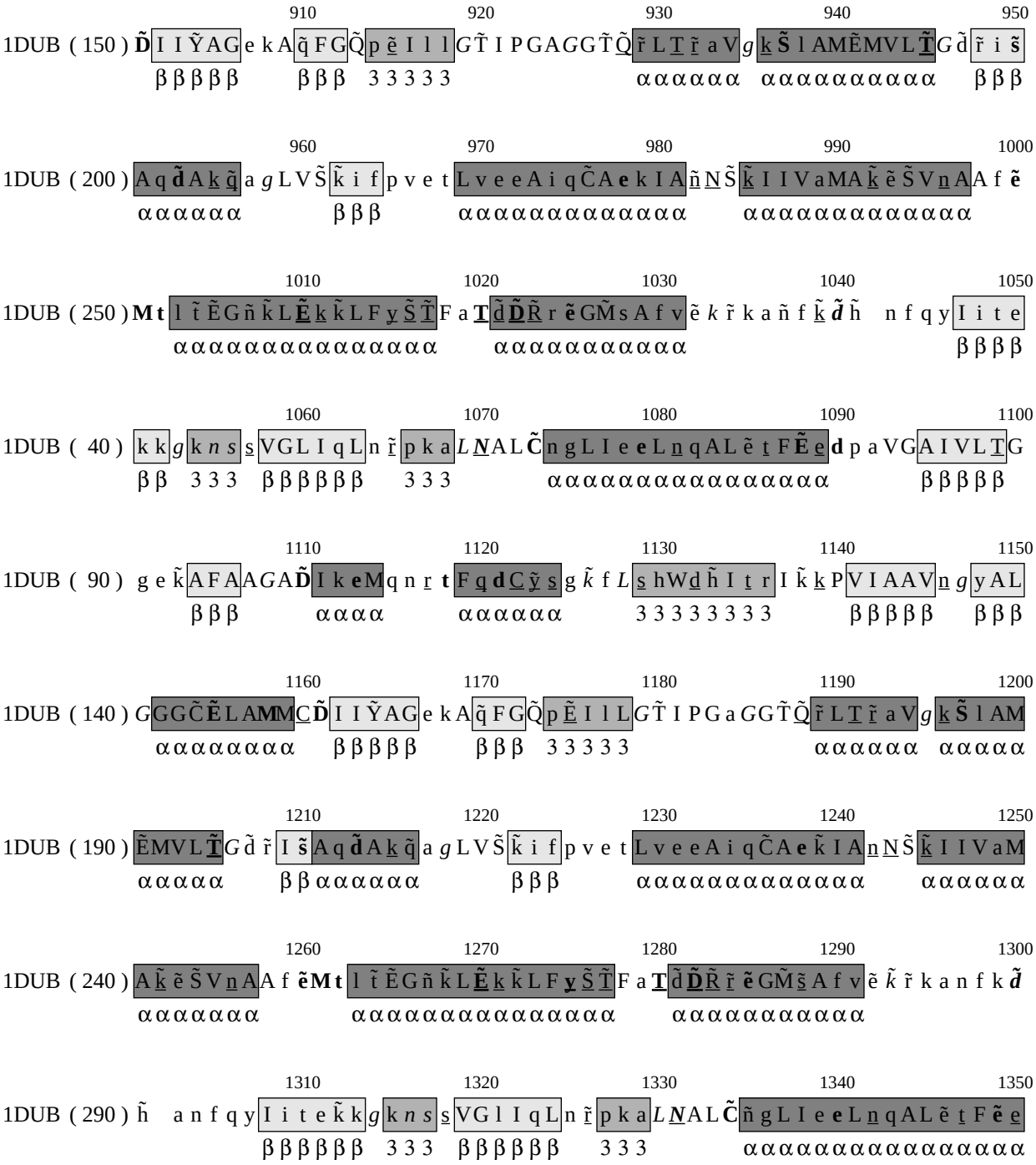
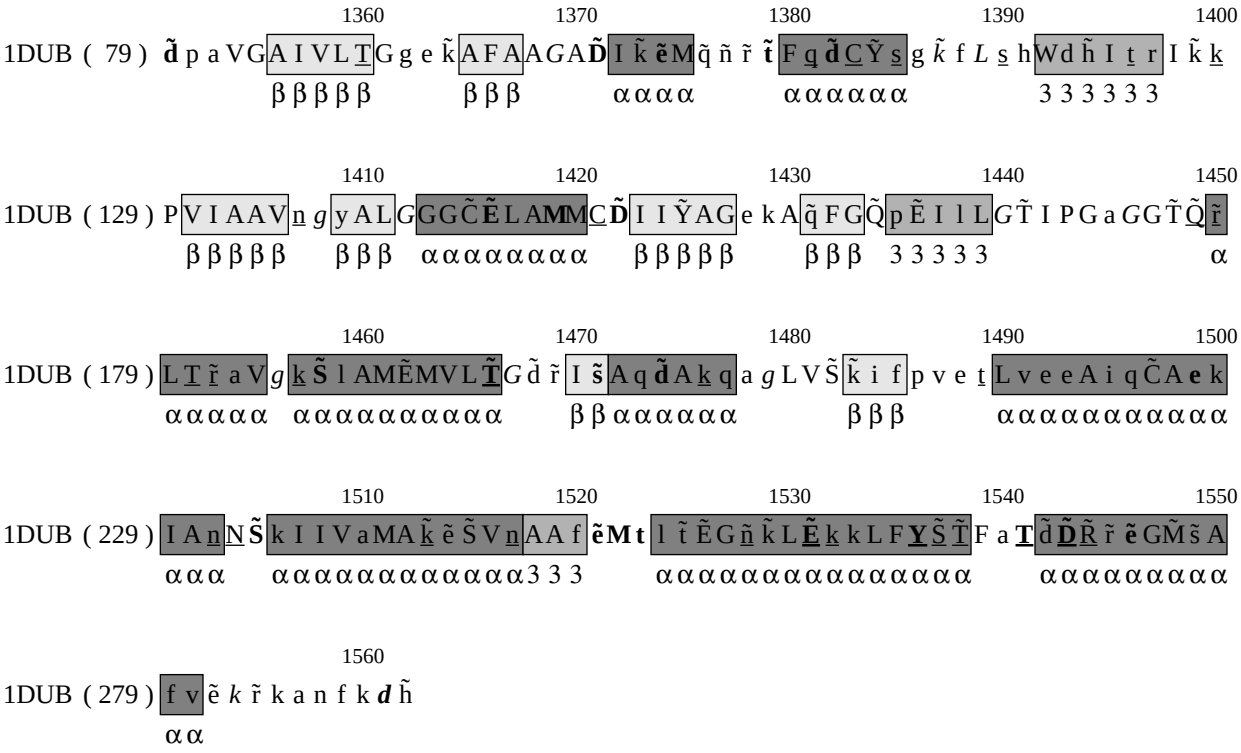

1DUB (31) a n f q y I i t e k k g k n s s V G L I q L n ř p k a L N A L C̃ ñ g L I e e L n q A L ẽ t F ẽ e d p
β β β β β β 3 3 3 β β β β β β 3 3 3 α α α α α α α α α α α α α α α α α α
1DUB (81) a V G A I V L T G g e k̃ A F A A G A D̃ I k̃ ẽ M q̃ ñ ř t̃ F q̃ d̃ C Ỹ s g k̃ f L s h W d h̃ I t r I k̃ k P V
β β β β β β β β α α α α α α α α α α 3 3 3 3 β
1DUB (131) I A A V n g y A L G G G C̃ Ẽ L A M M C D̃ I I Ỹ A G e k A q̃ F G Q̃ p Ẽ I l L G T̃ I P G a G G T̃ Q̃ r L T
β β β β β β β α α α α α α α α α β β β β β 3 3 3 3 3 α α α
1DUB (181) r̃ a V g k S̃ l A M Ẽ M V L T̃ G d̃ ř I s̃ A q d̃ A k q a g L V S̃ k̃ i f p v e t L v e e A i q C̃ A e k̃ I A
α α α α α α α α α α α α α α β β α α α α α α β β β α α α α α α α α α α α
1DUB (231) n N S̃ k I I V a M A k̃ ẽ S̃ V n a A f ẽ M t l t̃ Ẽ G ñ k̃ L Ẽ k k̃ L F y S̃ T̃ F a T d D̃ R r ẽ G M s̃ A f v
α α α α α α α α α α α α α α α 3 3 3 α α α α α α α α α α α α α α α α α α α α α α α α α α α α
1DUB (281) ẽ k ř k a n f k d h n f q y I i t e k̃ k g k n s s V G L I q L n ř p k a l N A L C̃ ñ g L I e e L n
β β β β β β β 3 3 3 β β β β β β β 3 3 3 α α α α α α α α
1DUB (71) q A L ẽ t F Ẽ e d̃ p a V G A I V L T G g e k̃ A F A A G A D̃ I k̃ ẽ M q ñ ř t̃ F q̃ d̃ C ỹ s g k̃ f L s h W
α α α α α α α α α β β β β β β β β α α α α α α α α α α α α α 3
1DUB (121) d h̃ I t r I k̃ k P V I A A V n g y A L G G G C̃ Ẽ L A M M C D̃ I I Ỹ A G e k A q̃ F G Q̃ p Ẽ I l L G T̃ I
3 3 3 3 3 β β β β β β β β β α α α α α α α α α α β β β β β β β β β 3 3 3 3 3
1DUB (171) P G a G G T̃ Q̃ ř L T ř a V g k S̃ l A M Ẽ M V L T̃ G d̃ ř I s̃ A q d̃ A k q a g L V S̃ k̃ i f p v e t L v e
α α α α α α α α α α α α α α α α β β β α α α α α α α β β β α α α


460 470 480 490 500
1DUB (221) eAiqCAeKIAnNSkIIVaMAkeSVnAAfeMtlteGnkLEkKLFySTFaTd
αααααααααα ααααααααααα333 αααααααααααααααα α
510 520 530 540 550
1DUB (271) DRreGMsAfvekrkanfkdh nfqyIiteKkgknssVGLIqLnrpkalNA
αααααααααα βββββ 333 βββββ 333
560 570 580 590 600
1DUB (61) LCngLIeeLnqALetFeedpaVGAIVLTGgekAFAAGADIkeMqnrtFqd
αααααααααααααααααα βββββ βββ ααα ααα
610 620 630 640 650
1DUB (111) CysgkfLshWdhItrIkkPVIAAVngyALGGGCELAMMCDIIYAGekAqF
ααα 3333333 βββββ βββ αααααααα βββββ ββ
660 670 680 690 700
1DUB (161) GQpEIlLGTIPGaGGTQrLTraVgkSlAMEMVLTGdrisAqdAkqagLVS
β 33333 ααααααα αααααααααααα βββααααααα
710 720 730 740 750
1DUB (211) kifpvetLveeAiqCAekInNSkIIVaMAkeSVnAAfeMtlteGnkLEk
βββ αααααααααααααααα αααααααααααααα ααααααααα
760 770 780 790 800
1DUB (261) kLFySTFaTdDRreGMsAfvekrkanfkdh anfqyIiteKkgknssVGL
ααααααα αααααααααααα βββββββ 333 βββ
810 820 830 840 850
1DUB (50) IqLnrpkalNaLCngLIeeLnqALetFEedpaVGAIVLTGgekAFAagad
βββ 333 αααααααααααααααααα βββββ βββ
860 870 880 890 900
1DUB (100) IkemqnrtFqdCYsgkfl shWdhItrIkkPVIAAVngyAlgGGCELAMMC
αααα αααααααα 3333 βββββ βββ αααααααααα


910 920 930 940 950
1DUB (150)
1010 1020 1030 1040 1050
1DUB (250)
1060 1070 1080 1090 1100
1DUB (40)
1110 1120 1130 1140 1150
1DUB (90)
1160 1170 1180 1190 1200
1DUB (140)
1210 1220 1230 1240 1250
1DUB (190)
1260 1270 1280 1290 1300
1DUB (240)
1310 1320 1330 1340 1350
1DUB (290)



1360 1370 1380 1390 1400

1DUB (79) **d̃** p a VG A I V L T̲ G g e k̃ A F A A *G* A **D̃** I k̃ **ẽ** M q̃ ñ r̃ **t̃** F q̲ **d̃** C̲ Ỹ s̲ g *k̃* f *L* s̲ h W d h̃ I t̲ r I k̃ k̲

β β β β β β β β α α α α α α α α α α 3 3 3 3 3 3

1410 1420 1430 1440 1450

1DUB (129) P V I A A V n̲ *g* y A L *G* G G C̃ **Ẽ** L A **M** M C̲ **D̃** I I Ỹ A G e k A q̃ F G Q̃ p Ẽ I l L *G* T̃ I P G a *G* G T̃ Q̃ r̃

β β β β β β β β α α α α α α α α β β β β β β β β 3 3 3 3 3 α

1460 1470 1480 1490 1500

1DUB (179) L T̲ r̃ a V *g* k̲ **S̃** l A M Ẽ M V L **T̃** *G* d̃ r̃ I **s̃** A q **d̃** A k̲ q a *g* L V S̃ k̃ i f p v e t̲ L v e e A i q C̃ A **e** k

α α α α α α α α α α α α α α α β β α α α α α α β β β α α α α α α α α α α α

1510 1520 1530 1540 1550

1DUB (229) I A n̲ N̲ **S̃** k I I V a M A k̲ ẽ S̃ V n̲ A A f **ẽ M t** l t̃ Ẽ G ñ k̃ L **Ẽ** k̲ k L F **Y** S̃ T̃ F a **T** d̃ **D̃** R̃ r̃ **ẽ** G M̃ s̃ A

α α α α α α α α α α α α α α α 3 3 3 α α α α α α α α α α α α α α α α α α α α α α α α α

1560

1DUB (279) f v ẽ *k* r̃ k a n f k ***d*** h̃

α α