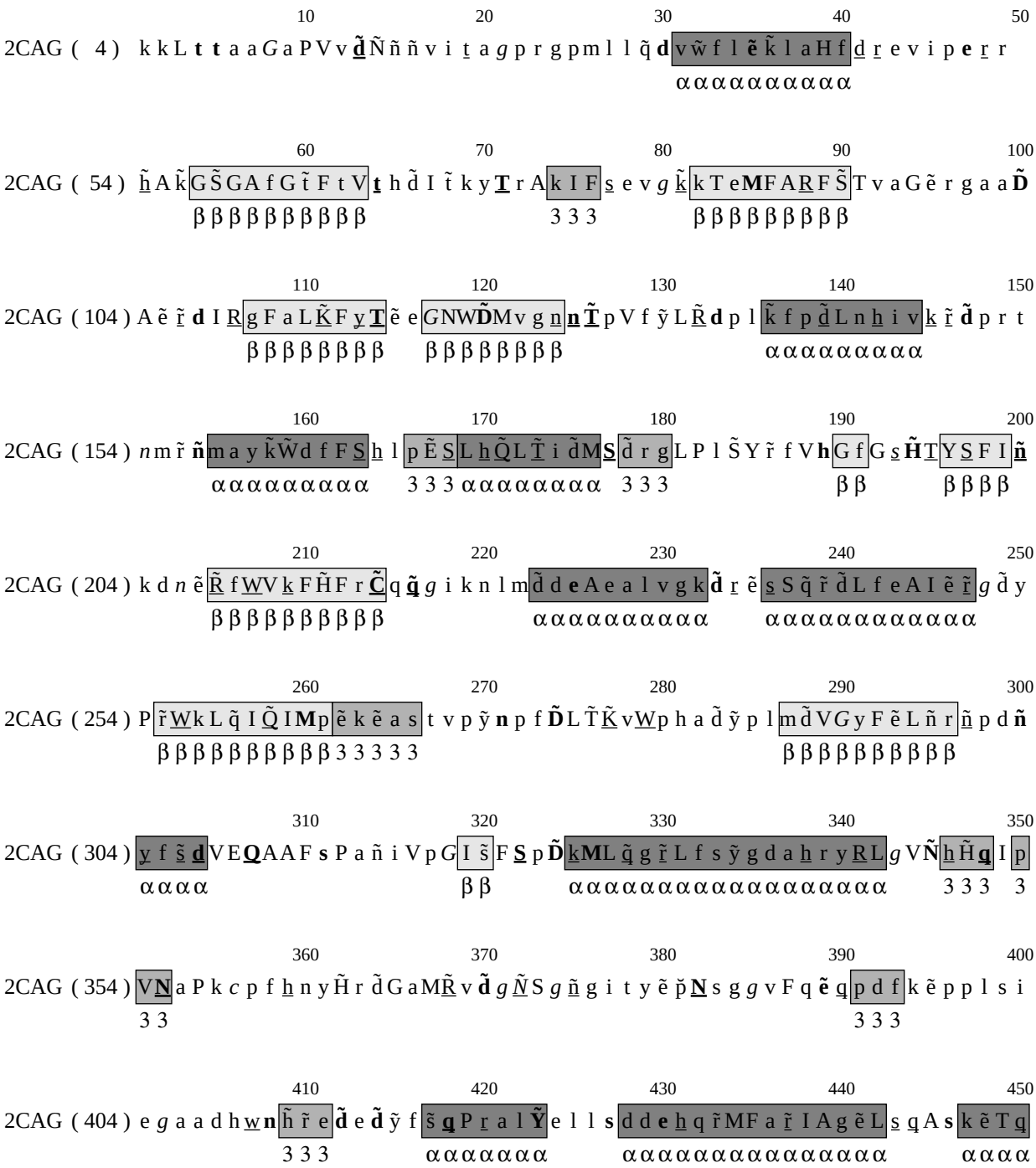
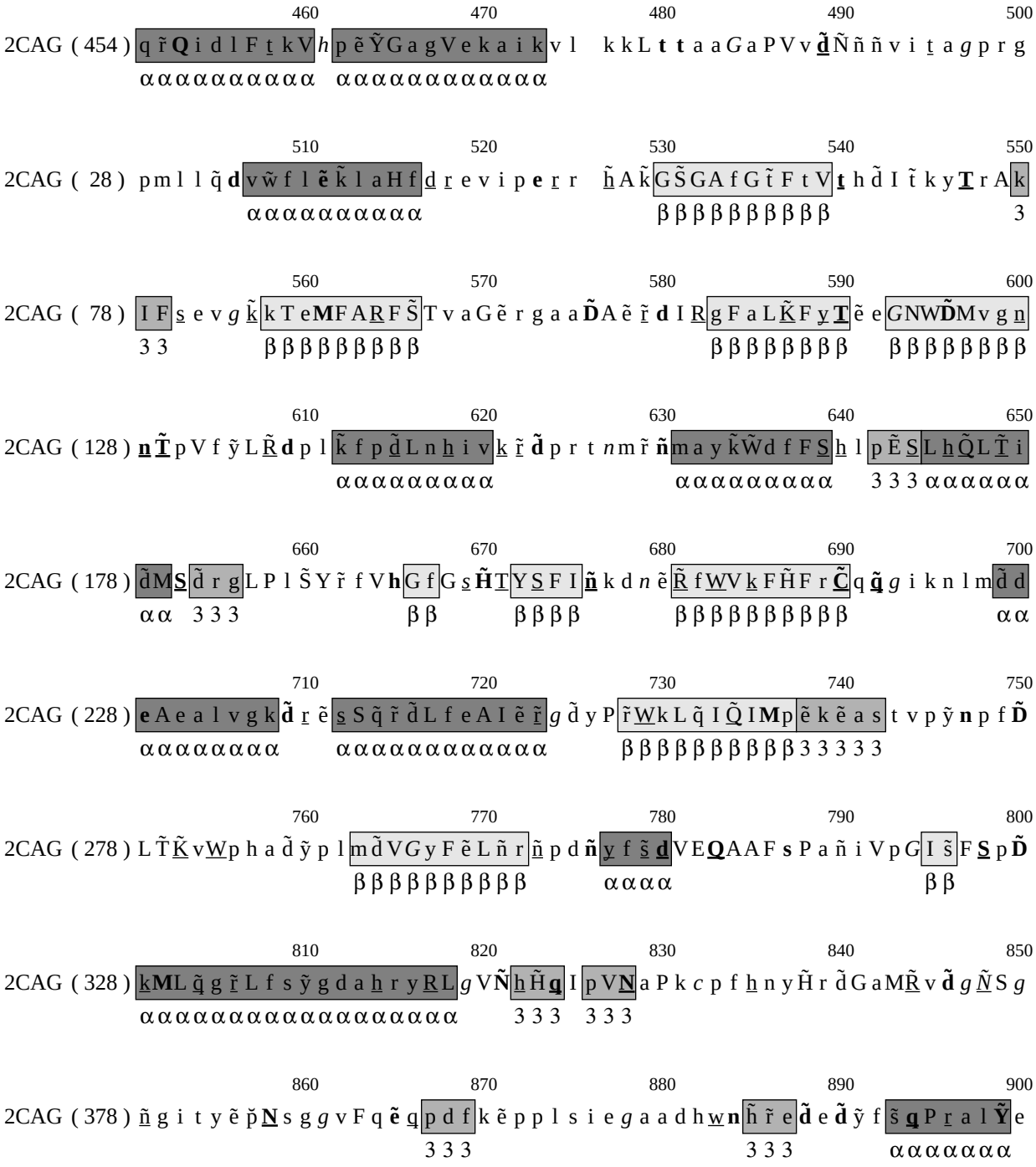
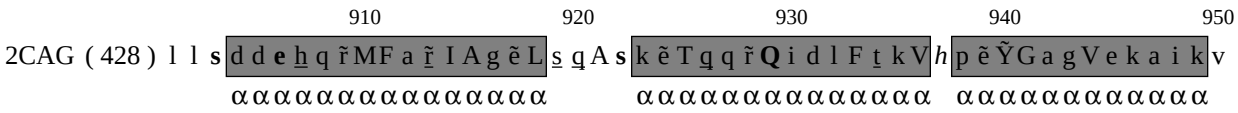

10 20 30 40 50
2CAG (4) k k L t t a a G a P V v d Ñ ñ ñ v i t a g p r g p m l l q d v w f l e k l a H f d r e v i p e r r
α α α α α α α α α α
60 70 80 90 100
2CAG (54) h A k G S G A f G t F t V t h d I t k y T r A k I F s e v g k k T e M F A R F S T v a G e r g a a D
β β β β β β β β β β 3 3 3 β β β β β β β β β
110 120 130 140 150
2CAG (104) A e r d I R g F a L K F y T e e G N W D M v g n n T p V f y L R d p l k f p d L n h i v k r d p r t
β β β β β β β β β β β β β β β α α α α α α α α α
160 170 180 190 200
2CAG (154) n m r n m a y k W d f F S h l p E S L h Q L T i d M S d r g L P l S Y r f V h G f G s H T Y S F I n
α α α α α α α α α α 3 3 3 α α α α α α α α α α 3 3 3 β β β β β β β β
210 220 230 240 250
2CAG (204) k d n e R f W V k F H F r C q q g i k n l m d d e A e a l v g k d r e s S q r d L f e A I e r g d y
β β β β β β β β β β α α α α α α α α α α α α α α α α α α α α α α α α
260 270 280 290 300
2CAG (254) P r W k L q I Q I M p e k e a s t v p y n p f D L T K v W p h a d y p l m d V G y F e L n r n p d n
β β β β β β β β β β 3 3 3 3 3 β β β β β β β β β β
310 320 330 340 350
2CAG (304) y f s d V E Q A A F s P a n i V p G I s F S p D k M L q g r L f s y g d a h r y R L g V N h H q I p
α α α α α β β 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 3 3 3 3
360 370 380 390 400
2CAG (354) V N a P k c p f h n y H r d G a M R v d g N S g n g i t y e p N s g g v F q e q p d f k e p p l s i
3 3 3 3 3 3
410 420 430 440 450
2CAG (404) e g a a d h w n h r e d e d y f s q P r a l Y e l l s d d e h q r M F a r I A g e L s q A s k e T q
3 3 3 α α α α α α α α α α α α α α α α α α α


460 470 480 490 500
2CAG (454) q r̃ Q i d l F t̲ k V h p ẽ Ỹ G a g V e k a i k v l k k L t t a a G a P V v d̲ Ñ ñ ñ v i t̲ a g p r g
α α α α α α α α α α α α α α α α α α α α
510 520 530 540 550
2CAG (28) p m l l q̃ d v w̃ f l ẽ k̃ l a H f d̲ r̲ e v i p e r̲ r h̲ A k̃ G S̃ G A f G t̃ F t V t̲ h d̃ I t̃ k y T̲ r A k
α α α α α α α α α α α α β β β β β β β β β β 3
560 570 580 590 600
2CAG (78) I F s̲ e v g k̲ k̃ T e M F A R̲ F S̃ T v a G ẽ r g a a D̃ A ẽ r̃ d I R̲ g F a L K̲ F y̲ T̲ ẽ e G N W D̃ M v g n̲
3 3 β β β β β β β β β β β β β β β β β β β β
610 620 630 640 650
2CAG (128) n̲ T̲ p V f ỹ L R̲ d p l k̃ f p d̲ L n h̲ i v k̲ r̃ d̃ p r t n m r̃ ñ m a y k̃ W̃ d f F S̲ h l p Ẽ S̲ L h̲ Q̃ L T̲ i
α α α α α α α α α α α α α α α α 3 3 3 α α α α α α
660 670 680 690 700
2CAG (178) d̃ M S̲ d̃ r g L P l S̃ Y r̃ f V h G f G s̲ H̃ T̲ Y S̲ F I ñ̲ k d n ẽ R̃ f W̲ V k̲ F H̃ F r C̲ q q̃ g i k n l m d̃ d
α α 3 3 3 β β β β β β β β β β β β β β β β α α
710 720 730 740 750
2CAG (228) e A e a l v g k d̃ r̲ ẽ s̲ S q̃ r̃ d̃ L f e A I ẽ r̃ g d̃ y P r̃ W̲ k L q̃ I Q̃ I M p ẽ k ẽ a s t v p ỹ n p f D̃
α α α α α α α α α α α α α α α α α α α α β β β β β β β β β 3 3 3 3 3
760 770 780 790 800
2CAG (278) L T̃ K̲ v W̲ p h a d̃ ỹ p l m d̃ V G y F ẽ L ñ r ñ p d ñ y̲ f s̃ d̲ V E Q A A F s P a ñ i V p G I s̃ F S̲ p D̃
β β β β β β β β β α α α α β β
810 820 830 840 850
2CAG (328) k̲ M L q̃ g r̃ L f s ỹ g d a h̲ r y R̲ L g V Ñ h̲ H̃ q̃ I p V N̲ a P k c p f h̲ n y H̃ r d̃ G a M R̲ v d̃ g Ñ S g
α α α α α α α α α α α α α α α α α α α α α 3 3 3 3 3 3
860 870 880 890 900
2CAG (378) ñ g i t y ẽ p̌ N̲ s g g v F q ẽ q̲ p d f k ẽ p p l s i e g a a d h w̲ n h̃ r̃ e d̃ e d̃ ỹ f s̃ q̲ P r a l Ỹ e
3 3 3 3 3 3 α α α α α α α α


910
920
930
940
950
2CAG (428) l l s d d e h q r MF a r I A g e L s q A s k e T q q r Q i d l F t k V h p e Y G a g V e k a i k v
α α α