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Sonja Omlor¹², Angela R. Laird⁶, 7.8. 9o:^{:<}, 9. =o>?@ed@r¹, Simon A. BODEO^{>12}, Sara E Fenon¹²

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^TEarth QeRas Veterans Gea?h <are BiosteA, Ean Nntionio, QS HEN

!"#%6: -#0 " 19G RHP@die? ! J?@n @llKCon @JI @ @ ol r l nder?@nding o>Jrain ?@ C@reL
! nC@n rela@n?E@M and @e in @rMe @@@n o>loCal aJnormali@?. =oNe@r, imaging
nel ro?GenCe >Ce? @lo MoJlem?PQR@e raMd groN @o>@e >GRHi@ra@re and QR@e la@D
o>a in @rdi?GMinarKI ni@ed I M@l@da @Coding ?K?@m, NEi@E lead? @ ?eman @CConK ?ion.
8Ee ! llKla! @ma @d >GRH@Ja?e Sel ro?Kn@Je?@ddre??e? @e >r?@MoJlem, NEile i@
older manl allK@ ra@d Col n@Mar@ArainGaM Je?@@De? @e ?eCond i?@l e. 8E? ?@dK
inQ?@g@?i>@e @lo da @Ja?e?rea@E ?imilar ConCI ?ion? de?M@ @eir di>eren@
aMMoa@Ee?NEen deCoding Jrain area?.

4 \$#=) 601T e deQeloMed a Corre?MondenCe ?CEeme a??igning aMMoMia @ Sel ro?Kn@E @rm?
@ @rm?in @e ArainGaM@ onomK 8Ei?Corre?MondenCe ?CEeme enaJled @e ComMari?on
o>deCoding re? ! @aGo??da @Ja?e?. 8Ee da @Ja?e ol @I @Nere JeEaQol ral ! nC@n
Mo@le?o>Jrain area? ?EoNing Con?@n @and ?ele@Q@ a??oGa@n?deriQed JK @e 9orNard
and Re@r?e H@erenCe analK@e?. B@n @allK Ne ComMared @e ! nC@n Mo@le?deriQed JK
>GRH@Ja?e?Ni@re? ! @xom li@ra@re ?ear@E in inQ?Q, animalIJa?ed ?@die?.

5\$0: ,#010Qerall agreemen@n JeEaQoral ! nC@n Mo@le?Je @leen da @Ja?e?Na?goodP
in @rra@r reliaJili@?Nere e: @ellen @or ALA amKgdala and nl Qel ?a@Q mJen?C@re and
M@or >r IO9U, m09Uand an @rior in?I la. UbmMared @re? ! @on JeEaQoral ! nC@n
Mo@le?@rom inQ?Q animalIJa?ed ?@die?in Eeal @Kand QiniQal M@M la@n?, ArainGaM
o>ered le??errorLMone and mi?leading re? ! @ @e Sel ro?Kn@. Se@r@ele??, ArainGaM
o>n Na?in>erior @ Sel ro?Kn@ in @e @@@ amol n@>?@die?, NEi@E sol nd @e ?ame
?@ C@reL ! nC@n a??oGa@n.

?(0: 00) " 18Ei ?, a ! @re da @Ja?e Col Id in @gra@ a manl al and al @ma @d Coding ?K?@m
a @e ?ame @ne, JI @eeM@e ArainmaM@ onomK 8EereJK @e ! @re da @Ja?e Col Id
addre??Jo @e i?@l e?, @e raMd groN @o>@e >GRHi@ra@re and @e ?eman @CConK ?ion on
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