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          342       350       360       370       380       390       400
CC-lobe   YTRVVWCAVGPEEQRKCQQWSQQSGQNVTCATASTTDDCIVLVLKGEADAINLDGGYIY
BC-lobe   RARVVWCAVGPEEQRKCQQWSQQSGQIVTCATASTTDDCIALVLKGEADALSLDGGYIY
GC-lobe   CTRVVWCAVGPEEQSKCQQWSEQSGQNVTCATASTTDDCIALVLKGEADALSLDGGYIY
UC-lobe   RAQVVWCAVGSDEQLKCQEWSRQSNQSVVCATASTTEDCIALVLKGEADALSLDGGYIY
HC-lobe   RARVVWCAVGEQELRKCNQWSGLSEGSVTCSSASTTEDCIALVLKGEADAMSLDGGYVY
EC-lobe   RERVVWCAVGPEEERKCKQWSDVSNRKVACASASTTEECIALVLKGEADAINLDGGFIY
PC-lobe   QAKVVWCAVGPEELRKCRQWSSQSSQNLNCSLASTTEDCIVQVLKGEADAMSLDGGFIY

          410       420       430       440       450
CC-lobe   TAGKCGLVPVLAENRKSSKHSSLD--CVLRPTEGYLAVAVVKKANEGLTWNSLKDKKSC
BC-lobe   TAGKCGLVPVLAENRKSSKHSSLD--CVLRPTEGYLAVAVVKKANEGLTWNSLKGKKSC
GC-lobe   TAGKCGLVPVMAENRKSSKHSSLD--CVLRPTEGYLAVAVVKKANEGLTWNSLKGKKSC
UC-lobe   IAGKCGLVPVLAESQQSPESSGLD--CVHRPVKGYLAVAVVRKANIKITWNSLRGKKSC
HC-lobe   TAGKCGLVPVLAENYKSAQSEDPDPNCVDRPVEGYLAVAVVRRSDTSLTWNSVKGKKSC
EC-lobe   VAGKCGLVPVLAENQKSQNSNAPD--CVHRPPEGYLAVAVVRKSDADLTWNSLSGKKSC
PC-lobe   TAGKCGLVPVLAENQKSRQSSSSD--CVHRPTQGYFAVAVVRKANGGITWNSVRGTKSC

          460       470       480       490       500       510
CC-lobe   HTAVDRTAGWNIPMGLIVNQTGSCAFDEFFSQSCAPGADPKSRLCALCAGIDQGLIKCV
BC-lobe   HTAVDRTAGWNIPMGLIANQTGSCAFDEFFSQSCAPGADPKSRLCALCAGIDQGLIKCV
GC-lobe   HTAVDRTAGWNIPMGLIANQTGSCAFDEFFSQSCAPGADPKSSLCALCAGIDQGLIKCV
UC-lobe   HTAVDRTAGWNIPMGPLFKDTDSCRFDEFFSQSCAPGSDPRSKLCALCAGNEEGQLKCV
HC-lobe   HTAVDRTAGWNIPMGLLFNQTGSCKFDEYFSQSCAPGSDPASNLCALCIGDEEGENKCV
EC-lobe   HTGVGRTAAWNIPMGLLFNQTGSCKFDKFFSQSCAPGADPQSSLCALCVGNNENENKCM
PC-lobe   HTAVDRTAGWNIPMGLLVNQTGSCKFDEFFSQSCARGSQPGSNLCALCVGNDRGVIKCV

          520       530       540       550       560       570
CC-lobe   PNSKEKYYGYTGAFRCLAEDVGDVAFVKNDTVWENTNGESTADWAKNLKREDFRLLCLD
BC-lobe   PNSKEKYYGYTGAFRCLAEDVGDVAFVKNDTVWENTNGESTADWAKNLNREDFRLLCLD
GC-lobe   PNSKEKYYGYTGAFRCLAEDVGDVAFVKNDTVWENTNGESSADWAKNLNREDFRLLCLD
UC-lobe   PNSSERLYGYTGAFRCLAENVGDVAFVKDVTVLDNTDGKGTEQWAKDLKLGDFELLCLN
HC-lobe   PNSNERYYGYTGAFRCLAENAGDVAFVKDVTVLQNTDGNNNEAWAKDLKLADFALLCLD
EC-lobe   PNSNERYYGYTGAFRCLAEKAGDVAFVKDVTVLQNTDGKNSEPWAKDLKQEDFELLCLD
PC-lobe   PNSNERYYGYTGAFRCLAENAGDVAFVKDVTVLDNTNGQNTEEWAPELRSIDFELLCLD

          580       590       600       610       620       630
CC-lobe   GTRKPVTEAQSCHLAVAPNHAVVSREDRAAHVEQVLLHQQALFGKNGKNCPDKFCLFKS
BC-lobe   GTRKPVTEAQSCHLAVAPNHAVVSLEERAAHVEQVLLHQQALFGENGKNCPDKFCLFKS
GC-lobe   GTTKPVTEAQSCYLAVAPNHAVVSREDRAAHVEQVLLHQQALFGKNGKNCPDKFCLFKS
UC-lobe   GTRKPVTEAESCHLPVAPNHAVVSRIDKVAHLRQVLLHQQAHFGRNGEDCPGKFCLFQS
HC-lobe   GKRKPVTEARSCHLAMAPNHAVVSRMDKVERLKQVLLHQQAKFGRNGSDCPDKFCLFQS
EC-lobe   GTRKPVAEAESCHLARAPNHAVVSQEDRAQHLKKVLFLQQDQFGGNGPDCPGKFCLFKS
PC-lobe   GTRKPVTEAQNCHLAVAPSHAVVSRKEKAAQVEQVLLTEQAQFGRYGKDCPDKFCLFRS

          640       650       660       670       680
CC-lobe   ETKNLLFNDNTECLAKLGGRPTYEEYLGTEYVTAIANLKKCSTSPLLEACAFLTR
BC-lobe   ETKNLLFNDNTECLAKLGGRPTYEEYLGTEYVTAIANLKKCSTSPLLEACAFLTR
GC-lobe   ETKNLLFNDNTECLAKLGGRPTYEKYLGTEYVTAIANLKKCSTSPLLEACAFLTR
UC-lobe   KTKNLLFNDNTECLAKLQGKTTYDEYLGPQYVTAIAKLRRCSTSPLLEACAFLMR
HC-lobe   ETKNLLFNDNTECLARLHGKTTYEKYLGPQYVAGITNLKKCSTSPLLEACEFLRK
EC-lobe   ETKNLLFNDNTECLAELQGKTTYEQYLGSEYVTSITNLRRCSSSPLLEACAFLRA
PC-lobe   ETKNLLFNDNTECLAQLQGKTTYEKYLGSEYVTAIAT------------------
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Fig. S3

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