

Fig. S7. Subject D-5018. Alignment of translated amino acids.



D\_177\_02  
D\_177\_03  
D\_177\_04  
D\_177\_05  
D\_177\_06  
D\_177\_07  
D\_177\_08  
D\_177\_09  
D\_301\_01  
D\_301\_03  
D\_301\_04  
D\_301\_05  
D\_301\_07  
D\_301\_08  
D\_301\_09  
D\_301\_10  
D\_301\_11  
D\_301\_12  
D\_301\_13  
D\_393\_01  
D\_393\_02  
D\_393\_03  
D\_393\_01R  
D\_393\_02R  
D\_393\_03R  
D\_393\_04R  
D\_393\_05R  
D\_393\_06R  
D\_393\_08R  
D\_393\_09R

110 120 130 140 150 160 170 180 190 200

D\_006\_01 KEAADQ GKVSHNYPIVQNLQGGMVHQAMSPRTLNAWVKVVEEKAFSP EVIPMFTALSEGATPSDLNSMLNAVGGHQAMQMLKETINDEAAEWDRVHPVH  
D\_006\_01RNA  
D\_006\_02  
D\_006\_03  
D\_006\_03RNA  
D\_006\_04  
D\_006\_04RNA  
D\_006\_05  
D\_006\_05RNA  
D\_006\_06  
D\_006\_06RNA  
D\_006\_07  
D\_006\_07RNA



D\_301\_10 .....L  
D\_301\_11 .....L  
D\_301\_12 .....P.....L  
D\_301\_13 .....P.....L  
D\_393\_01 .....  
D\_393\_02 .....P.....L  
D\_393\_03 .....  
D\_393\_01R .....T.....C.....L  
D\_393\_02R .....P.....L  
D\_393\_03R .....P.....L  
D\_393\_04R .....P.....  
D\_393\_05R .....P.....  
D\_393\_06R .....P.....  
D\_393\_08R .....P.....S.....L  
D\_393\_09R .....P.....C.....L

210 220 230 240 250 260 270 280 290 300

D\_006\_01 AGPAAPGOMREPRGSDIAGTTSTLQEQIAWMTSNPPIPVGDYKRWIVLGLNKIVRMYSPVSILDIKQGPKESFRDYVDREFFKTLRAEQSTQEVKNWMTD  
D\_006\_01RNA .....  
D\_006\_02 .....  
D\_006\_03 .....  
D\_006\_03RNA .....  
D\_006\_04 .....  
D\_006\_04RNA .....  
D\_006\_05 .....  
D\_006\_05RNA .....  
D\_006\_06 .....  
D\_006\_06RNA .....  
D\_006\_07 .....  
D\_006\_07RNA .....  
D\_006\_08 .....  
D\_006\_08RNA .....  
D\_006\_09 .....  
D\_006\_09RNA .....  
D\_006\_10 .....  
D\_006\_10RNA .....  
D\_006\_11 .....  
D\_006\_11RNA .....  
D\_006\_12 .....  
D\_006\_12RNA .....  
D\_006\_13RNA .....  
D\_006\_14RNA .....  
D\_006\_15RNA .....  
D\_006\_18RNA .....  
D\_006\_19RNA .....

D\_006\_20RNA .....  
D\_103\_02 .....  
D\_103\_03 .....  
D\_103\_04 .....  
D\_103\_05 .....  
D\_103\_06 .....  
D\_103\_08 .....  
D\_103\_09 .....  
D\_148\_01 .....  
D\_148\_03 .....  
D\_148\_04 .....  
D\_148\_07 .....  
D\_148\_08 .....  
D\_148\_09 .....  
D\_148\_10 .....  
D\_177\_01 .....  
D\_177\_02 .....  
D\_177\_03 .....  
D\_177\_04 .....  
D\_177\_05 .....  
D\_177\_06 .....  
D\_177\_07 .....  
D\_177\_08 .....  
D\_177\_09 .....  
D\_301\_01 .....  
D\_301\_03 .....  
D\_301\_04 .....  
D\_301\_05 .....  
D\_301\_07 .....  
D\_301\_08 ..... P .....  
D\_301\_09 .....  
D\_301\_10 ..... P .....  
D\_301\_11 .....  
D\_301\_12 ..... V .....  
D\_301\_13 ..... V .....  
D\_393\_01 .....  
D\_393\_02 .....  
D\_393\_03 .....  
D\_393\_01R ..... V .....  
D\_393\_02R .....  
D\_393\_03R ..... V .....  
D\_393\_04R ..... V ..... P .....  
D\_393\_05R ..... V ..... P .....  
D\_393\_06R ..... V .....  
D\_393\_08R .....  
D\_393\_09R .....

	310	320	330	340	350	360	370	380	390	400															
D_006_01	TLLVQ	NANPD	CKTIL	RALG	P	GATLE	EEMMT	ACQ	GVGG	PSH	KARVLA	EAMS	QANN	PNIMI	QRGN	FKG	PRRIV	KCFN	CGKE	GHI	ARN	CRAP	RKKG	CWKC	GKEG
D_006_01RNA	.....																								
D_006_02	.....																								
D_006_03	.....																								
D_006_03RNA	.....																								
D_006_04	.....																								
D_006_04RNA	.....																								
D_006_05	.....																								
D_006_05RNA	.....																								
D_006_06	.....																								
D_006_06RNA	.....																								
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D_006_07RNA	.....																								
D_006_08	.....																								
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D_006_18RNA	.....																								
D_006_19RNA	.....																								
D_006_20RNA	.....																								
D_103_02	.....																								
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D_103_04	.....																								
D_103_05	.....																								
D_103_06	.....																								
D_103_08	.....																								
D_103_09	.....																								
D_148_01	.....																								
D_148_03	.....																								
D_148_04	.....																								
D_148_07	.....																								
D_148_08	.....																								
D_148_09	.....																								
D_148_10	.....																								







D\_301\_09 .....  
D\_301\_10 .....P.....  
D\_301\_11 .....  
D\_301\_12 .....P.....  
D\_301\_13 .....P.....  
D\_393\_01 .....  
D\_393\_02 .....P.....  
D\_393\_03 .....  
D\_393\_01R .....P.....  
D\_393\_02R .....N.....  
D\_393\_03R .....P.....  
D\_393\_04R .....N.P.....T.....  
D\_393\_05R .....P.....  
D\_393\_06R .....P.....  
D\_393\_08R .....P.....  
D\_393\_09R .....  
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