

Fig. 1A

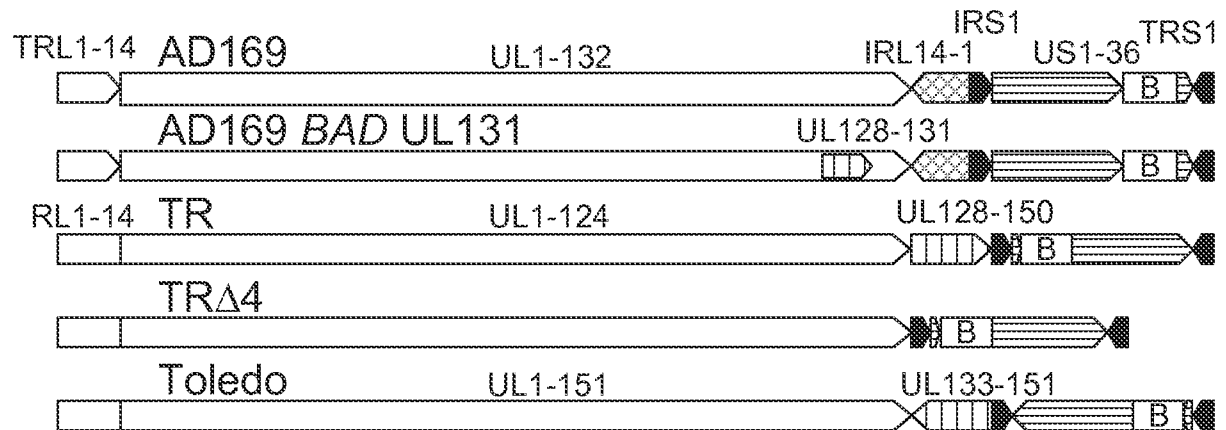


Fig. 1B

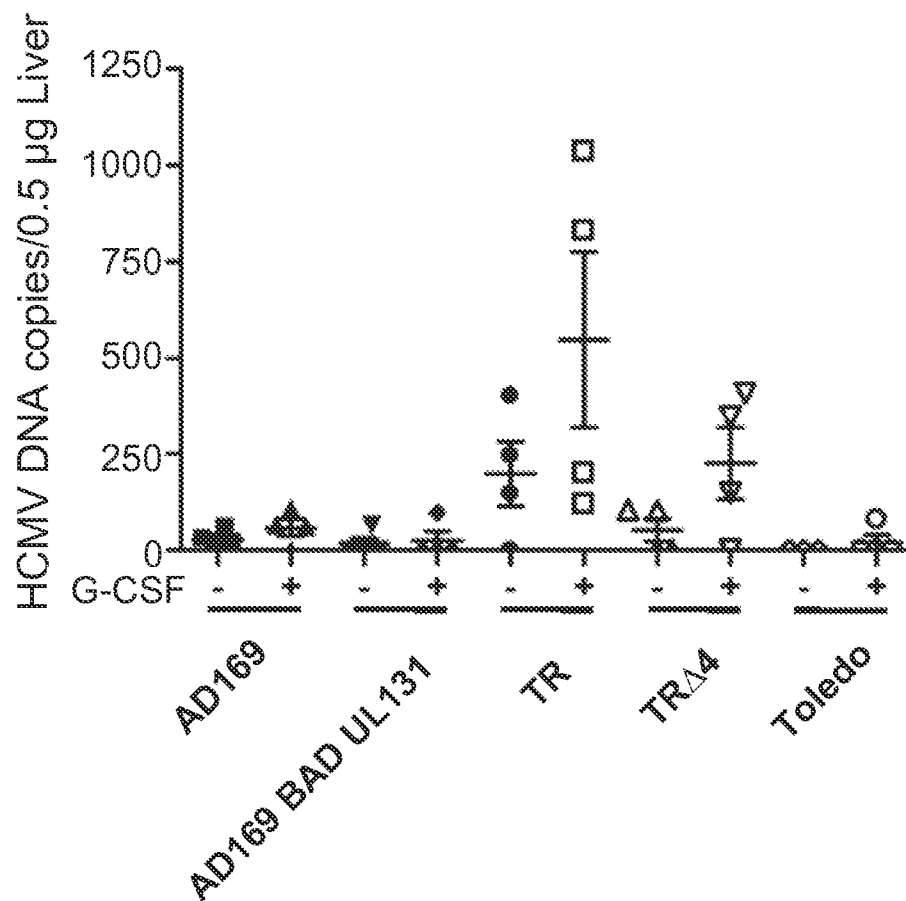




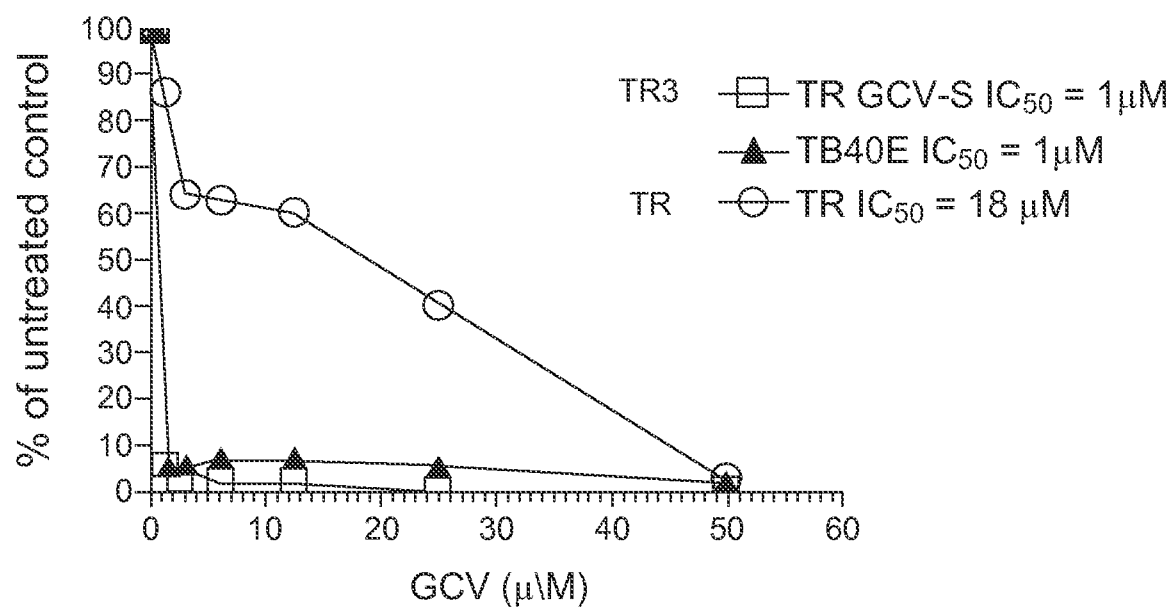
Fig. 3

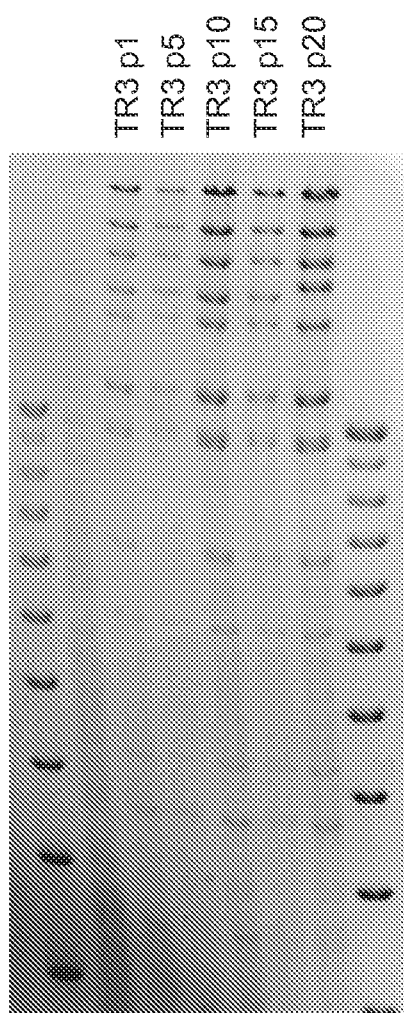
Fig. 4A

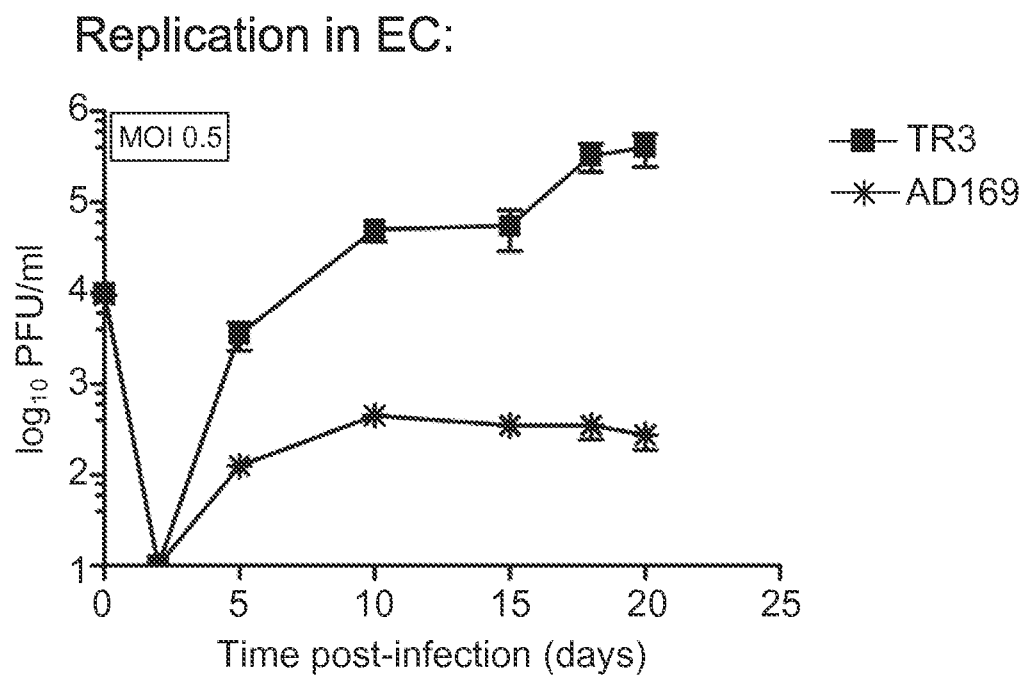
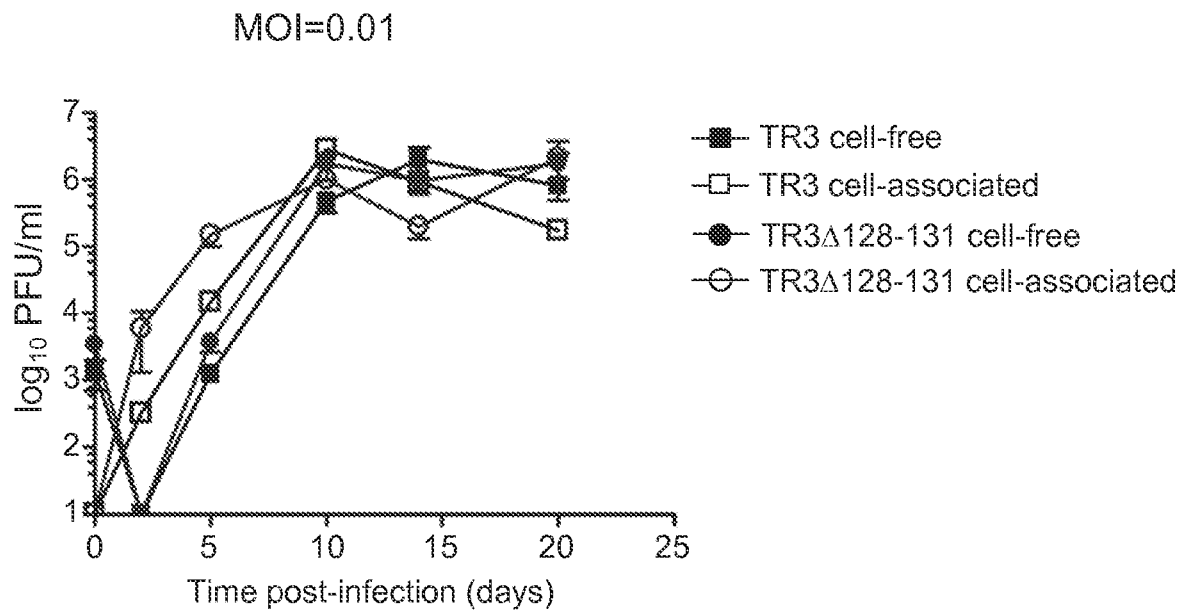
Fig. 4B**Fig. 5**

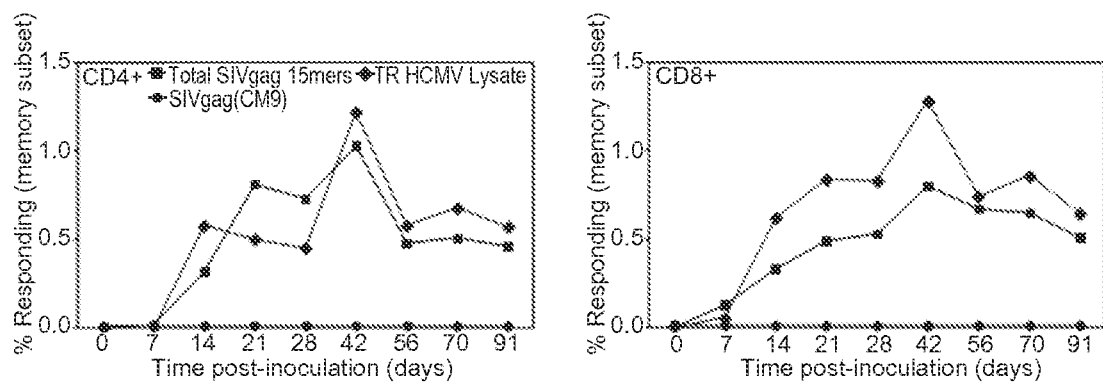
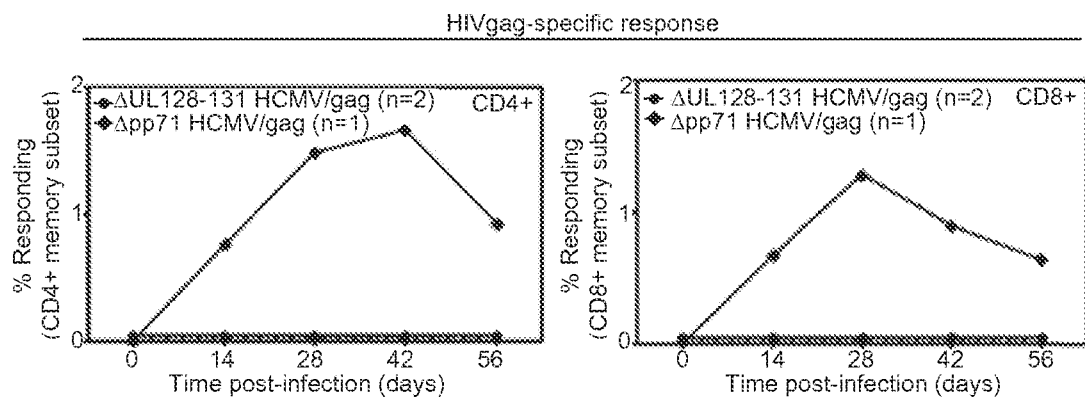
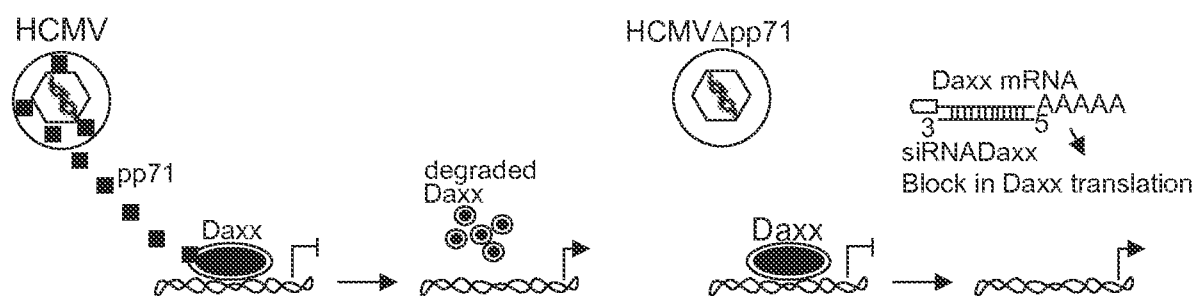
Fig. 6A**Fig. 6B****Fig. 7A**

Fig. 7B

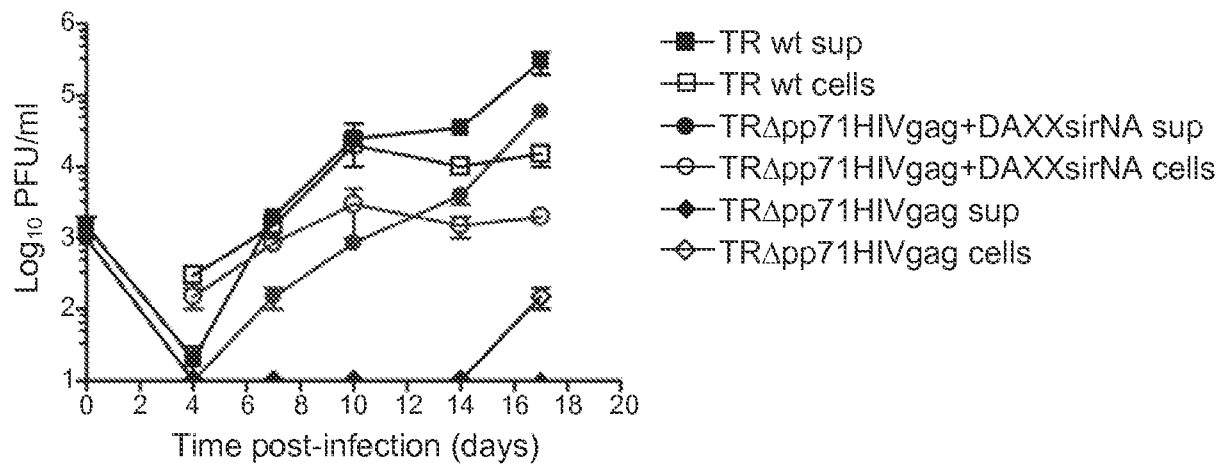


Fig. 8A

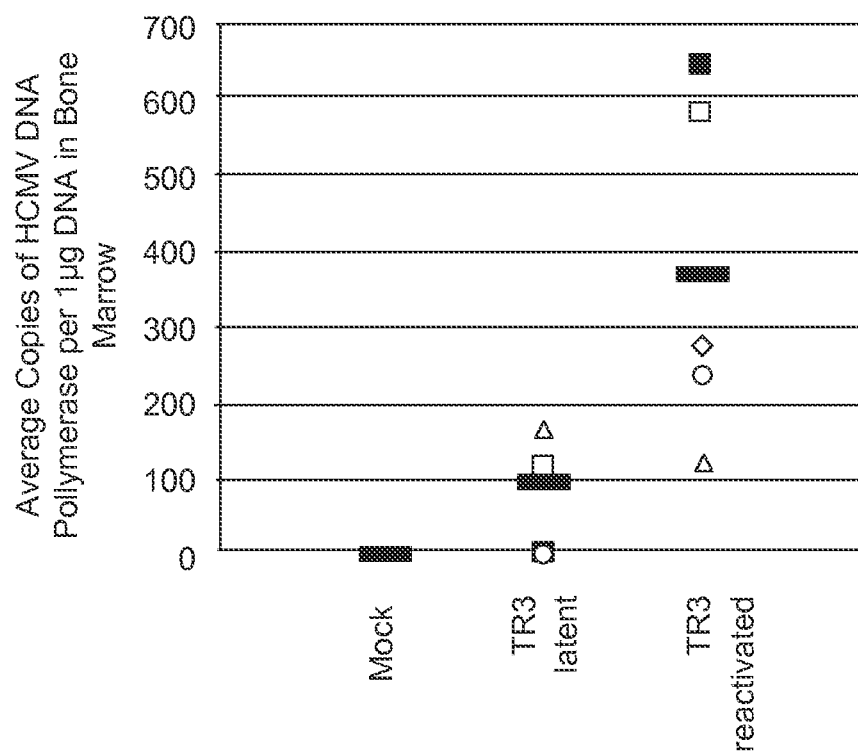


Fig. 8B

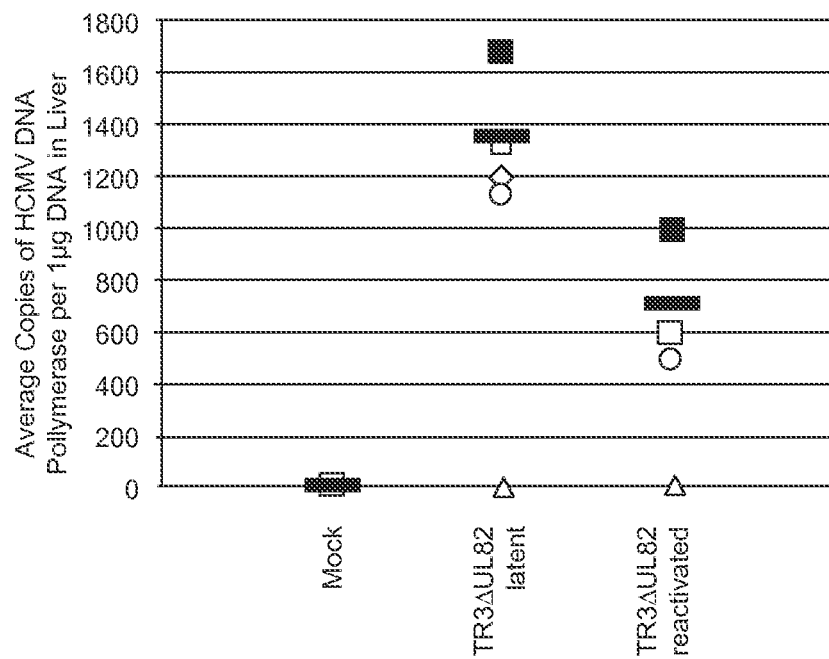


Fig. 9

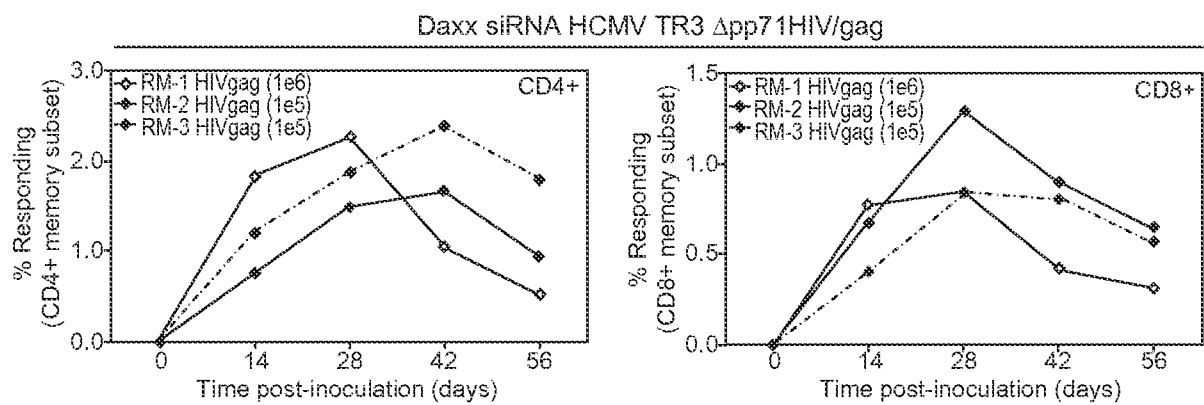


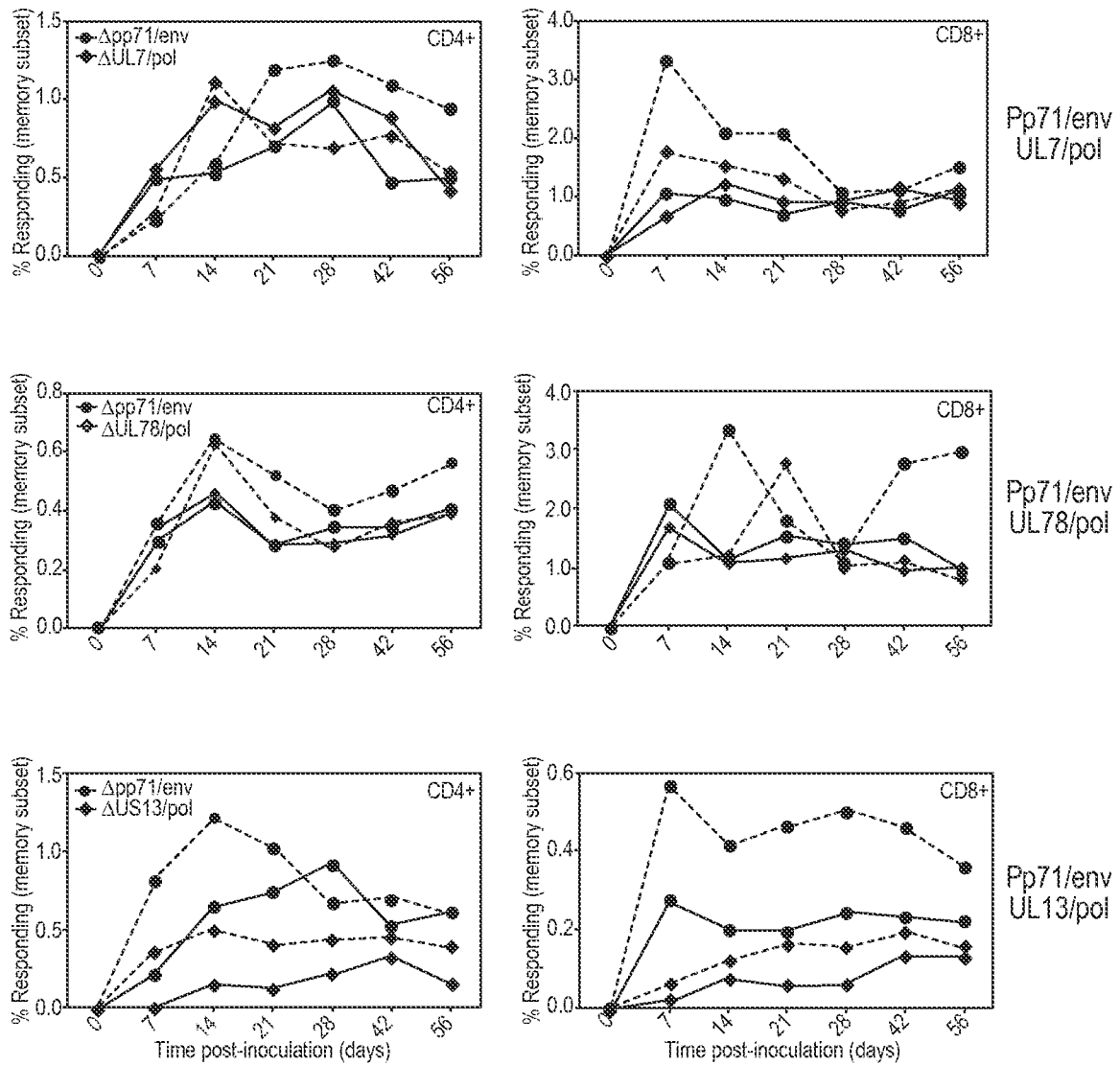
Fig. 10A

Fig. 10B

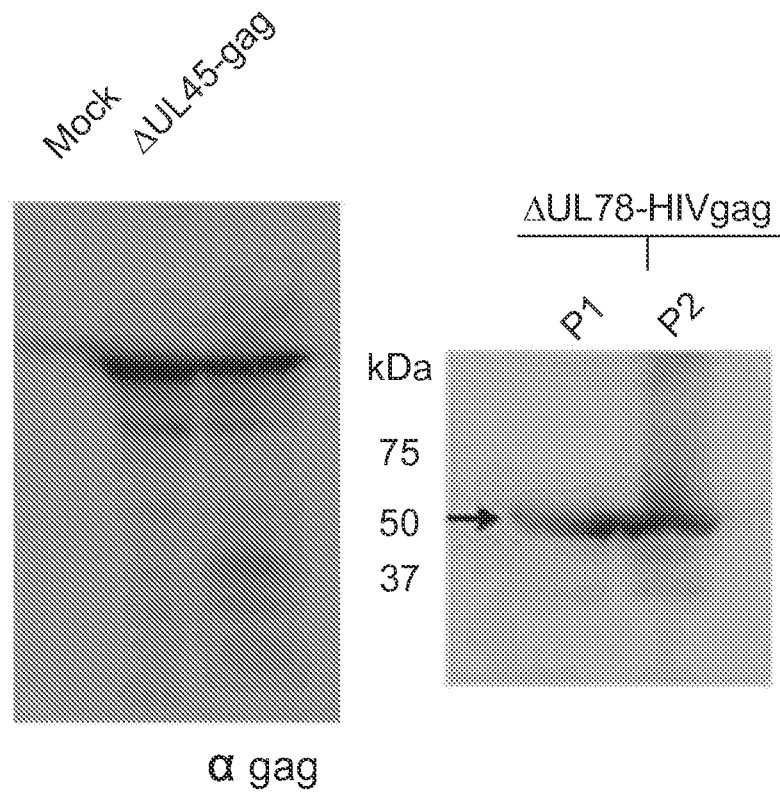


Fig. 11

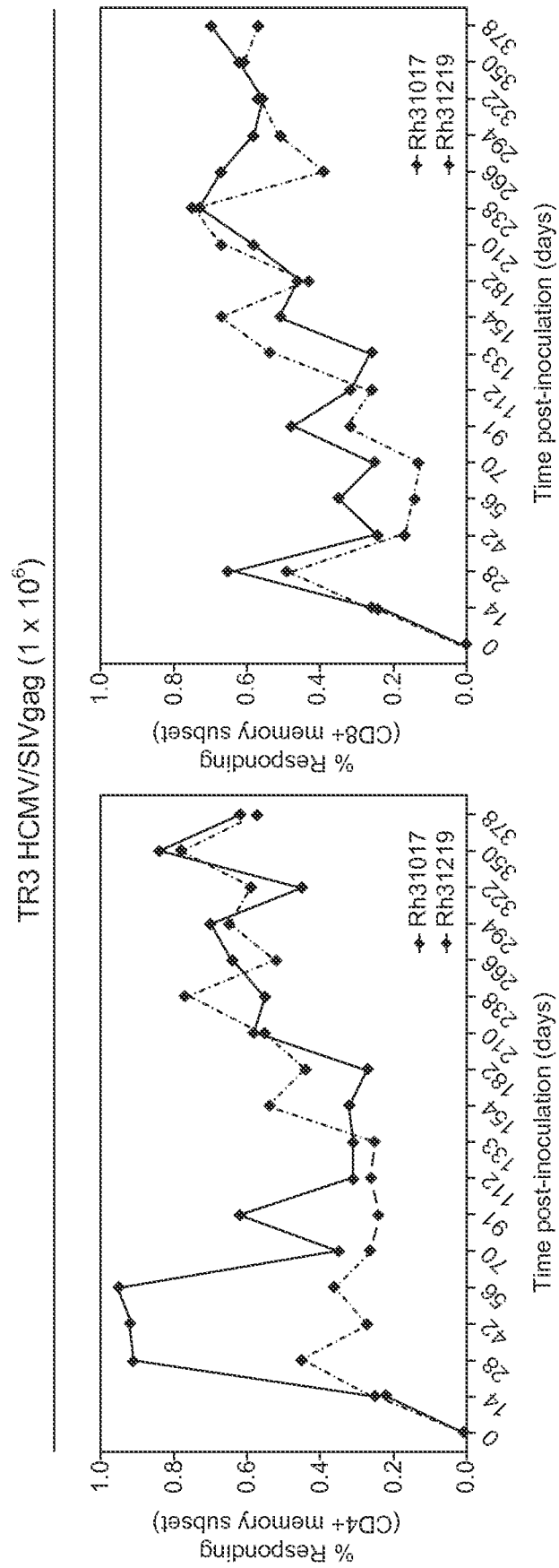


Fig. 12

TR3 ΔUL78ΔUL128-130 HCMV/HIVgag

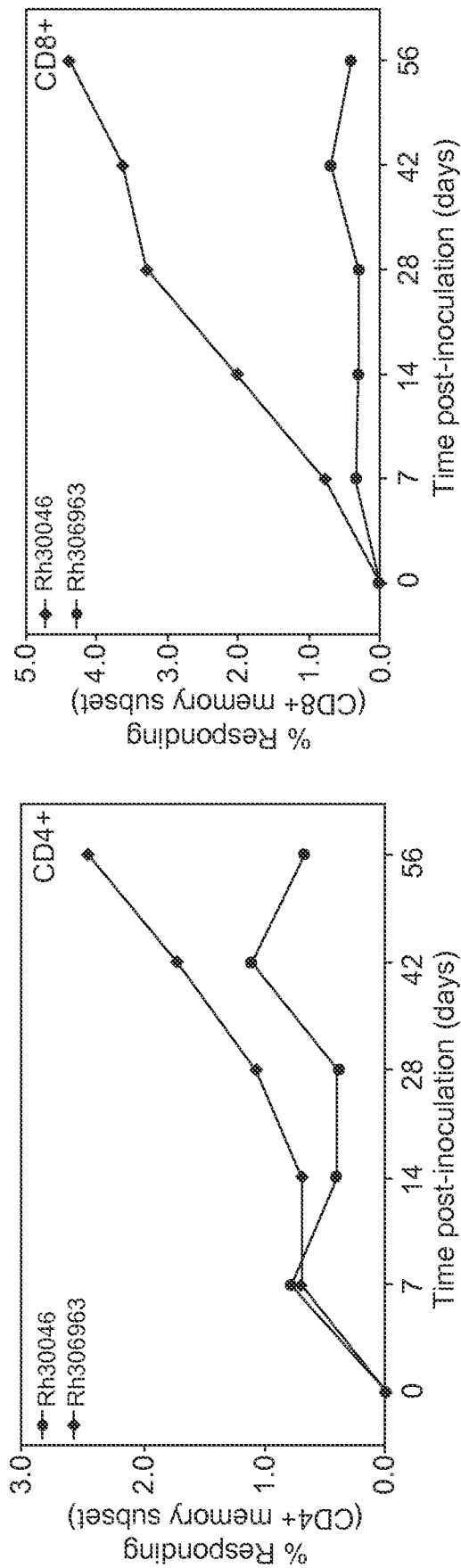


Fig. 13

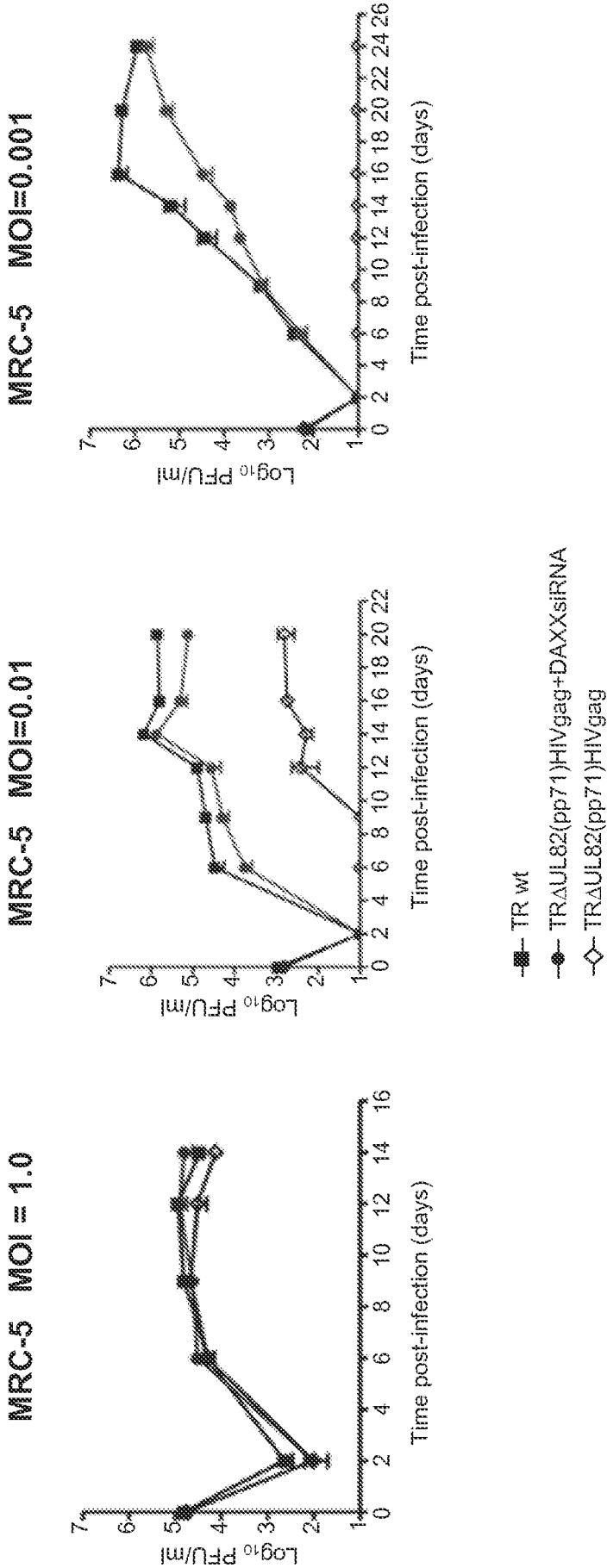


Fig. 14

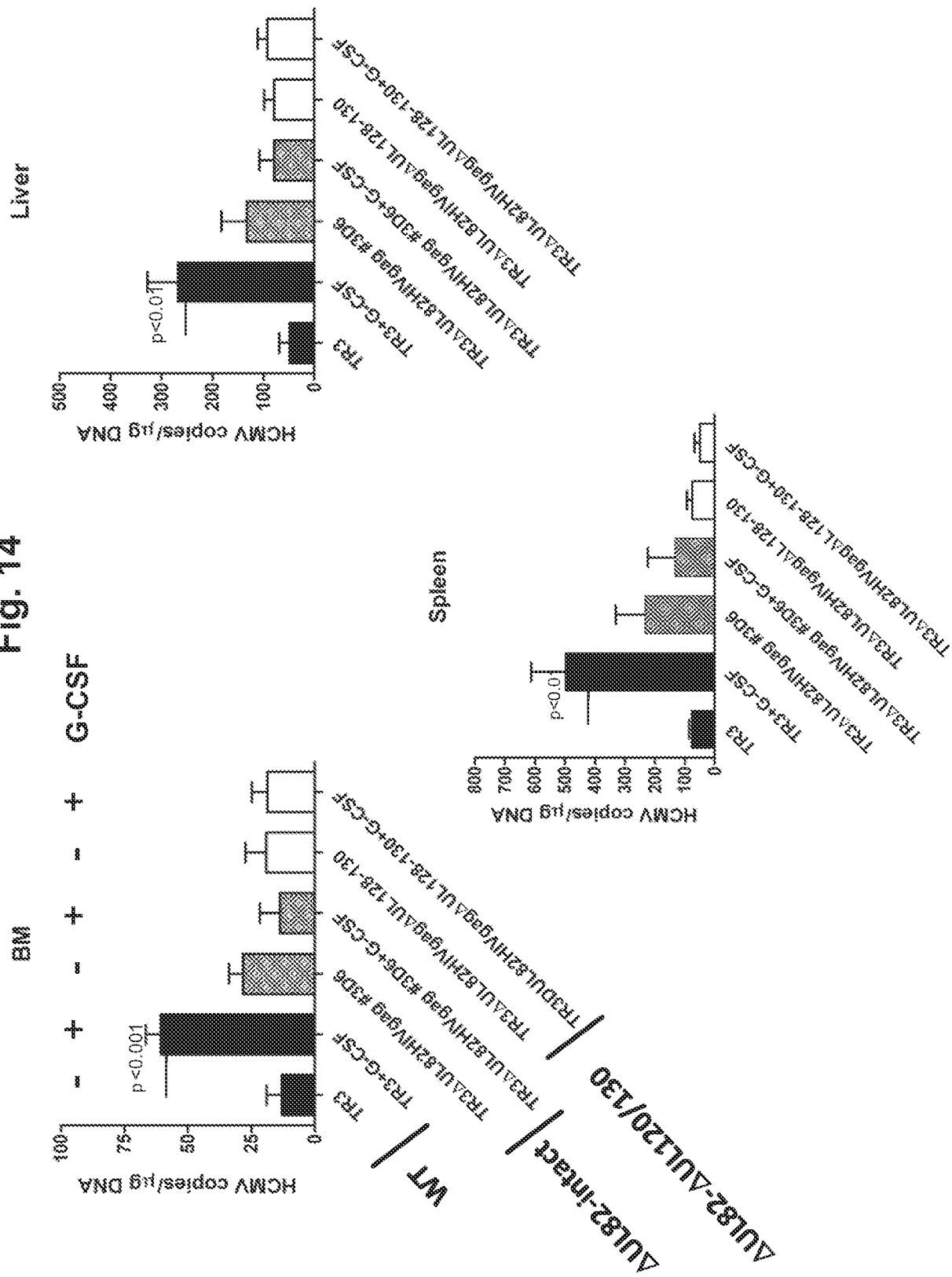
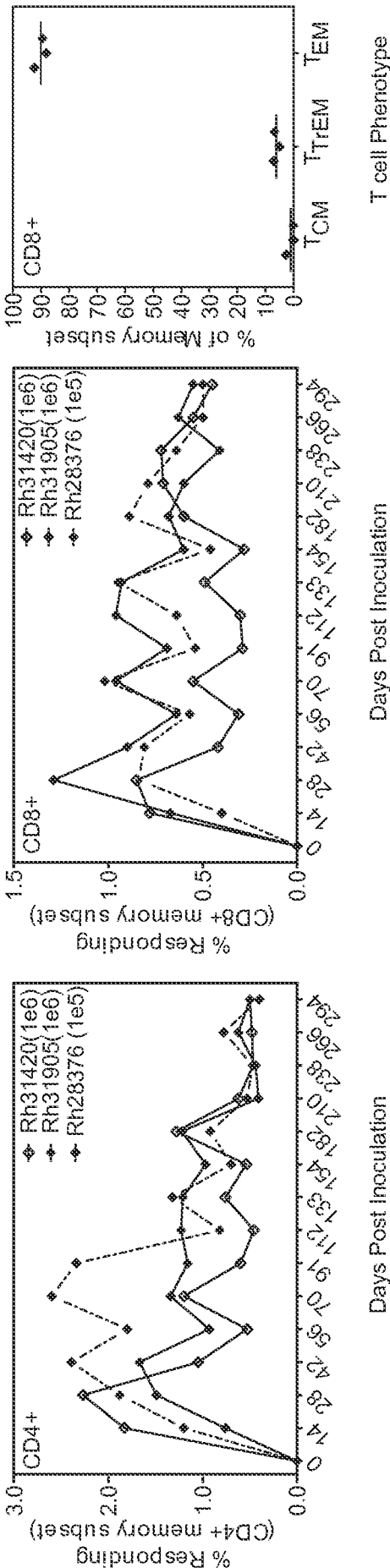


Fig. 15



Δ UL82 TR-HCMV/HIVgag

Fig. 16

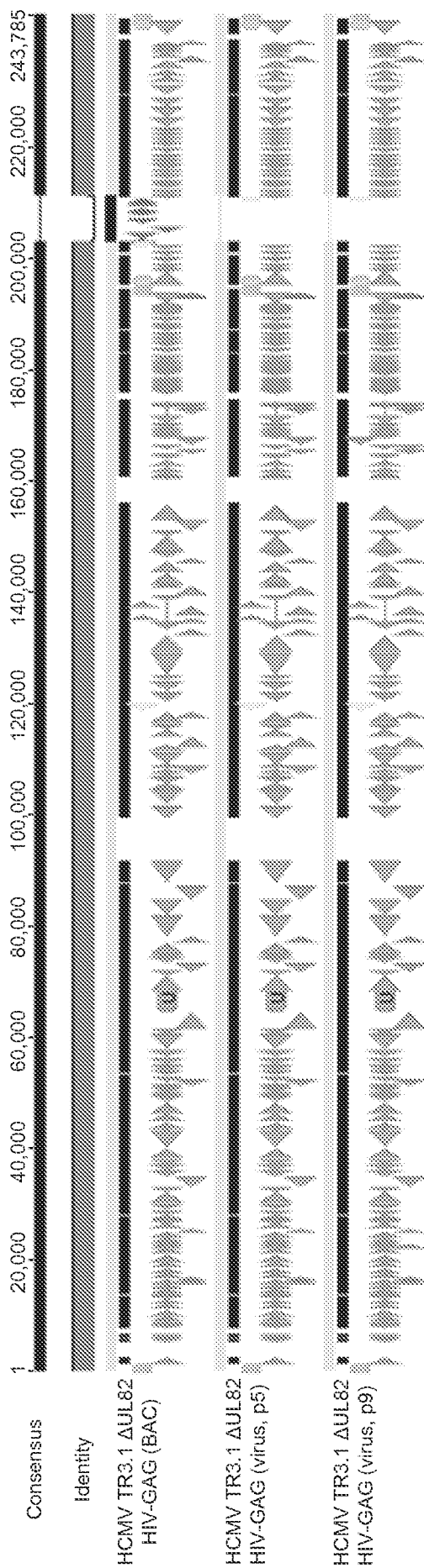
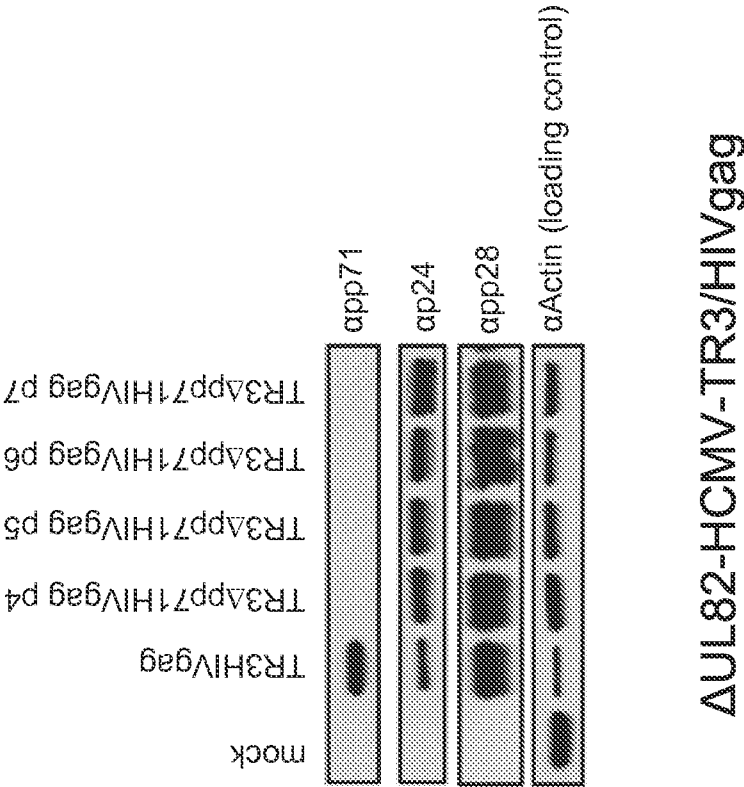


Fig. 17A



18/19
Fig. 17B

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HIVgag      MAARASILSGGKLDAWEKIRLRPGGKKKYRLKHLVWASRELDRLFALNPSLLETTEGCQQI 60
#3D6 p4     MAARASILSGGKLDAWEKIRLRPGGKKKYRLKHLVWASRELDRLFALNPSLLETTEGCQQI 60
#3D6 p5     MAARASILSGGKLDAWEKIRLRPGGKKKYRLKHLVWASRELDRLFALNPSLLETTEGCQQI 60
#3D6 p6     MAARASILSGGKLDAWEKIRLRPGGKKKYRLKHLVWASRELDRLFALNPSLLETTEGCQQI 60
*****

HIVgag      MNQLQPAVKTGTETEEKSLFNTVATLYCVHQRIDVKDTKEALDKIEEIQNKSKQKTQAAAA 120
#3D6 p4     MNQLQPAVKTGTETEEKSLFNTVATLYCVHQRIDVKDTKEALDKIEEIQNKSKQKTQAAAA 120
#3D6 p5     MNQLQPAVKTGTETEEKSLFNTVATLYCVHQRIDVKDTKEALDKIEEIQNKSKQKTQAAAA 120
#3D6 p6     MNQLQPAVKTGTETEEKSLFNTVATLYCVHQRIDVKDTKEALDKIEEIQNKSKQKTQAAAA 120
*****

HIVgag      DTGDSSKVSQNYPIIQNAQGQMIHQNLSPRTLNAWVKVIEEKAFSPVIMPMFSALSEGAT 180
#3D6 p4     DTGDSSKVSQNYPIIQNAQGQMIHQNLSPRTLNAWVKVIEEKAFSPVIMPMFSALSEGAT 180
#3D6 p5     DTGDSSKVSQNYPIIQNAQGQMIHQNLSPRTLNAWVKVIEEKAFSPVIMPMFSALSEGAT 180
#3D6 p6     DTGDSSKVSQNYPIIQNAQGQMIHQNLSPRTLNAWVKVIEEKAFSPVIMPMFSALSEGAT 180
*****

HIVgag      PQDLNVMLNIVGGHQAAMQMLKDTINEEAAEWDRLHPVQAGPIPPGQIREPRGSDIAGTT 240
#3D6 p4     PQDLNVMLNIVGGHQAAMQMLKDTINEEAAEWDRLHPVQAGPIPPGQIREPRGSDIAGTT 240
#3D6 p5     PQDLNVMLNIVGGHQAAMQMLKDTINEEAAEWDRLHPVQAGPIPPGQIREPRGSDIAGTT 240
#3D6 p6     PQDLNVMLNIVGGHQAAMQMLKDTINEEAAEWDRLHPVQAGPIPPGQIREPRGSDIAGTT 240
*****

HIVgag      STPQEQLQWMTGNPPIPVGNIYKRWIILGLNKIVRMYSFVSILDIKQGPKEPFRDYVDRF 300
#3D6 p4     STPQEQLQWMTGNPPIPVGNIYKRWIILGLNKIVRMYSFVSILDIKQGPKEPFRDYVDRF 300
#3D6 p5     STPQEQLQWMTGNPPIPVGNIYKRWIILGLNKIVRMYSFVSILDIKQGPKEPFRDYVDRF 300
#3D6 p6     STPQEQLQWMTGNPPIPVGNIYKRWIILGLNKIVRMYSFVSILDIKQGPKEPFRDYVDRF 300
*****

HIVgag      FKALRAEQATQDVKGWMTETLLVQANANPDCKSILKALGSGATLEEMMTACQGVGGPGHKA 360
#3D6 p4     FKALRAEQATQDVKGWMTETLLVQANANPDCKSILKALGSGATLEEMMTACQGVGGPGHKA 360
#3D6 p5     FKALRAEQATQDVKGWMTETLLVQANANPDCKSILKALGSGATLEEMMTACQGVGGPGHKA 360
#3D6 p6     FKALRAEQATQDVKGWMTETLLVQANANPDCKSILKALGSGATLEEMMTACQGVGGPGHKA 360
*****

HIVgag      RVLAEAMSQAQQTNIMMQRGNFRGQKRIKCFNCGKEGHLARNCRAPRKKGCWKCGKEGHQ 420
#3D6 p4     RVLAEAMSQAQQTNIMMQRGNFRGQKRIKCFNCGKEGHLARNCRAPRKKGCWKCGKEGHQ 420
#3D6 p5     RVLAEAMSQAQQTNIMMQRGNFRGQKRIKCFNCGKEGHLARNCRAPRKKGCWKCGKEGHQ 420
#3D6 p6     RVLAEAMSQAQQTNIMMQRGNFRGQKRIKCFNCGKEGHLARNCRAPRKKGCWKCGKEGHQ 420
*****

HIVgag      MKDCTERQANFLGKIWPSSKGRPGNFPQSRPEPTAPPAELFGMGEGIASLPKQEQKDREQ 480
#3D6 p4     MKDCTERQANFLGKIWPSSKGRPGNFPQSRPEPTAPPAELFGMGEGIASLPKQEQKDREQ 480
#3D6 p5     MKDCTERQANFLGKIWPSSKGRPGNFPQSRPEPTAPPAELFGMGEGIASLPKQEQKDREQ 480
#3D6 p6     MKDCTERQANFLGKIWPSSKGRPGNFPQSRPEPTAPPAELFGMGEGIASLPKQEQKDREQ 480
*****

HIVgag      VPPLVSLKSLFGNDPLSQ 498
#3D6 p4     VPPLVSLKSLFGNDPLSQ 498
#3D6 p5     VPPLVSLKSLFGNDPLSQ 498
#3D6 p6     VPPLVSLKSLFGNDPLSQ 498
*****!
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Fig. 18

Next generation sequencing of RhCMV 68-1.2 SIV-gag ΔUL36 viral DNA

