

	Binding (EC50, ng/ml)										Neut. (IC50, ng/ml)	
	ZIKV E	DENV1 E	DENV2 E	DENV3 E	DENV4 E	DENV1 VLP	DENV2 VLP	DENV3 VLP	DENV4 VLP	DIII ZKA	ZIKV neut	DENV1 neut
ZKA3	172	510	108	17	134	12	28	10	7	-	411	346
ZKA4	172	135	23	9	22	9	11	10	8	-	961	592
ZKA5	243	877	133	22	123	37	32	25	31	-	1978	-
ZKA6	79	355	28	13	58	13	14	9	10	-	1661	-
ZKA7	112	329	74	11	95	9	18	8	7	-	646	513
ZKA8	70	136	31	8	28	8	11	7	11	-	1336	102
ZKA76	408	-	-	-	-	-	-	-	-	3756	62	nd
ZKA78	2759	1407	982	33	385	158	83	131	136	-	2863	266
ZKA117	376	1780	341	49	391	142	86	36	158	-	1945	83
ZKB27	225	-	-	-	-	nd	nd	nd	nd	-	257	nd
ZKB29	285	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB30	1560	2011	2320	344	459	nd	nd	nd	nd	-	-	nd
ZKB32	1668	-	-	-	-	nd	nd	nd	nd	-	545	nd
ZKB34	122	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB39	136	-	-	-	-	nd	nd	nd	nd	-	667	nd
ZKB41	241	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB45	125	-	-	-	-	nd	nd	nd	nd	-	1461	nd
ZKB46	3238	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB51	645	220	115	66	62	nd	nd	nd	nd	-	-	nd
ZKB52	3398	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB53	59	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB84	4373	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKC21	2069	4201	3659	877	1252	nd	nd	nd	nd	-	-	nd
ZKC22	161	347	133	330	75	nd	nd	nd	nd	-	-	nd
ZKC23	87	2162	97	37	21	nd	nd	nd	nd	-	-	nd
ZKC24	92	177	71	240	55	nd	nd	nd	nd	-	-	nd
ZKC26	52	150	61	21	28	nd	nd	nd	nd	-	420	nd
ZKD4	20	80	24	8	11	nd	nd	nd	nd	-	-	nd
ZKD5	42	254	103	17	41	nd	nd	nd	nd	-	-	nd
ZKD6	115	585	600	31	96	nd	nd	nd	nd	-	-	nd
ZKD7	33	474	147	12	44	nd	nd	nd	nd	-	-	nd
ZKD8	24	169	62	12	25	nd	nd	nd	nd	-	-	nd
ZKD15	581	-	-	-	-	nd	nd	nd	nd	-	-	nd
ZKD16	62	692	475	10	27	nd	nd	nd	nd	-	-	nd
ZKD17	14	93	32	7	12	nd	nd	nd	nd	-	-	nd
ZKD20	565	-	-	50	-	nd	nd	nd	nd	-	-	nd
ZKD21	53	63	189	13	17	nd	nd	nd	nd	-	-	nd
ZKA64	65	-	-	-	-	-	-	-	-	161	155	-
ZKA134	168	-	-	-	-	-	-	-	-	626	432	nd
ZKA190	113	-	-	-	-	-	-	-	-	444	12	nd
ZKA246	473	-	-	-	-	-	-	-	-	5974	243	nd
ZKA256	115	-	-	-	-	-	-	-	-	214	224	nd
ZKB31	73	-	-	-	-	nd	nd	nd	nd	18	-	nd
ZKB42	5561	7073	6485	12065	6884	nd	nd	nd	nd	5158	-	nd
ZKB50	653	10000	-	-	-	nd	nd	nd	nd	-	-	nd
ZKB85	953	-	-	-	-	nd	nd	nd	nd	2400	2387	nd
ZKB47	13	-	-	-	-	nd	nd	nd	nd	574	-	nd
ZKC6	8575	-	-	-	-	nd	nd	nd	nd	5533	32	nd
ZKC25	162	144	147	150	158	nd	nd	nd	nd	200	-	nd
ZKD18	17	-	-	-	-	nd	nd	nd	nd	12	-	nd
ZKA81	-	-	-	-	-	nd	nd	nd	nd	-	243	nd
ZKA144	-	-	-	-	-	nd	nd	nd	nd	-	48	nd
ZKA146	-	-	-	-	-	nd	nd	nd	nd	-	45	nd
ZKA155	-	-	-	-	-	nd	nd	nd	nd	-	99	nd
ZKA160	-	-	-	-	-	nd	nd	nd	nd	-	38	26
ZKA167	-	-	-	-	-	nd	nd	nd	nd	-	121	nd
ZKA169	-	-	-	-	-	nd	nd	nd	nd	-	321	nd
ZKA171	-	-	-	-	-	nd	nd	nd	nd	-	47	nd
ZKA172	-	-	-	-	-	nd	nd	nd	nd	-	9	nd
ZKA174	-	-	-	-	-	nd	nd	nd	nd	-	55	-
ZKA183	-	-	-	-	-	nd	nd	nd	nd	-	34	nd
ZKA185	-	-	-	-	-	nd	nd	nd	nd	-	13	-
ZKA189	-	-	-	-	-	nd	nd	nd	nd	-	273	nd
ZKA191	-	-	-	-	-	nd	nd	nd	nd	-	52	nd
ZKA195	-	-	-	-	-	nd	nd	nd	nd	-	33	-
ZKA207	-	-	-	-	-	nd	nd	nd	nd	-	43	nd
ZKA215	-	-	-	-	-	nd	nd	nd	nd	-	26	nd
ZKA218	-	-	-	-	-	nd	nd	nd	nd	-	14	nd
ZKA228	-	-	-	-	-	nd	nd	nd	nd	-	36	nd
ZKA230	-	-	-	-	-	nd	nd	nd	nd	-	10	nd
ZKB75	-	-	-	-	-	nd	nd	nd	nd	-	190	nd
ZKB79	-	-	-	-	-	nd	nd	nd	nd	-	391	nd
ZKB83	-	-	-	-	-	nd	nd	nd	nd	-	59	nd
ZKC3	-	-	-	-	-	nd	nd	nd	nd	-	170	nd
ZKC8	-	-	-	-	-	nd	nd	nd	nd	-	762	nd
ZKC15	-	-	-	-	-	nd	nd	nd	nd	-	15	nd
ZKC18	-	-	-	-	-	nd	nd	nd	nd	-	662	nd
ZKD1	-	-	-	-	-	nd	nd	nd	nd	-	1141	nd

EDIII/II

EDIII

NNB

Figure 1

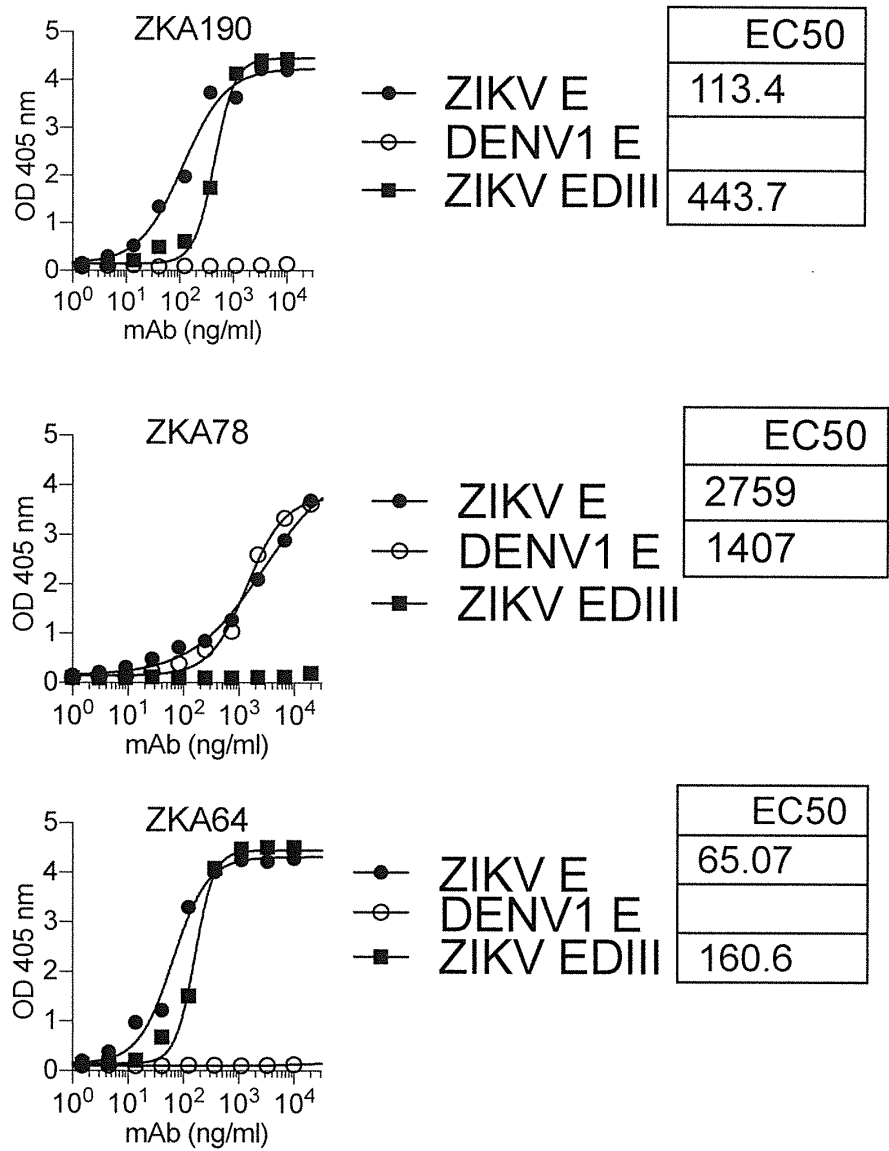


Figure 2

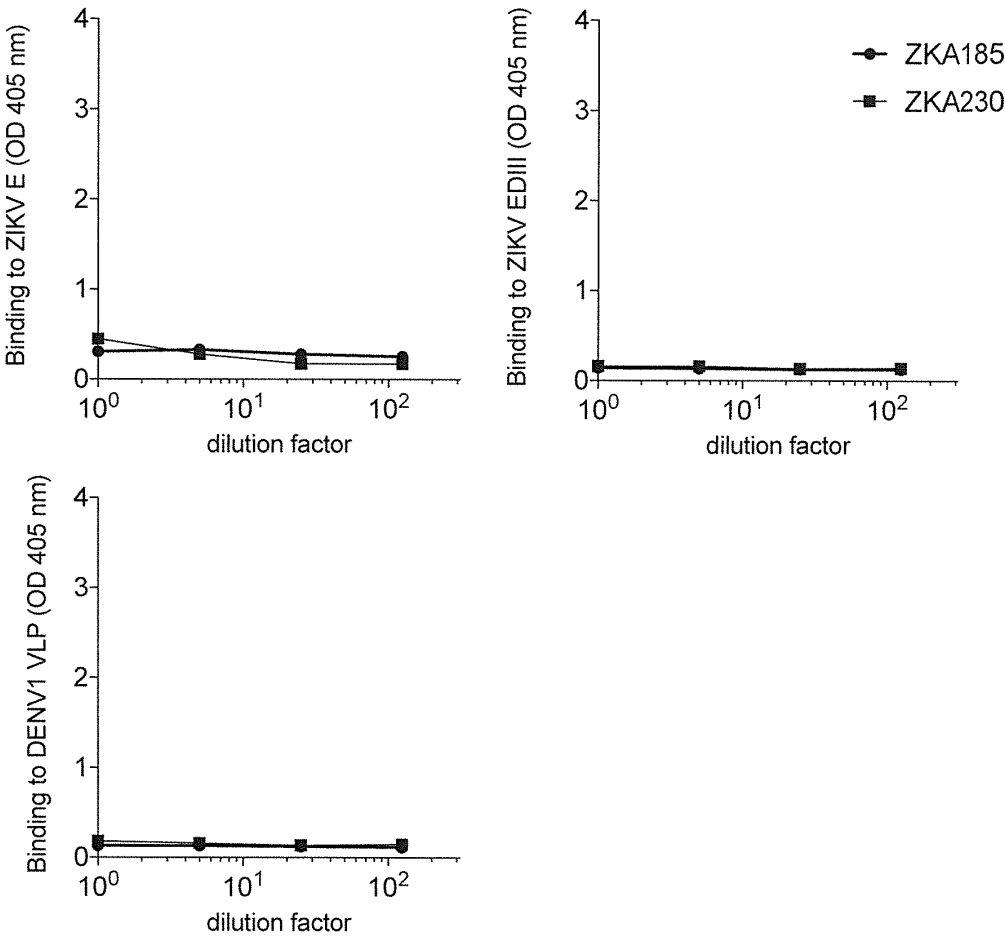


Figure 3

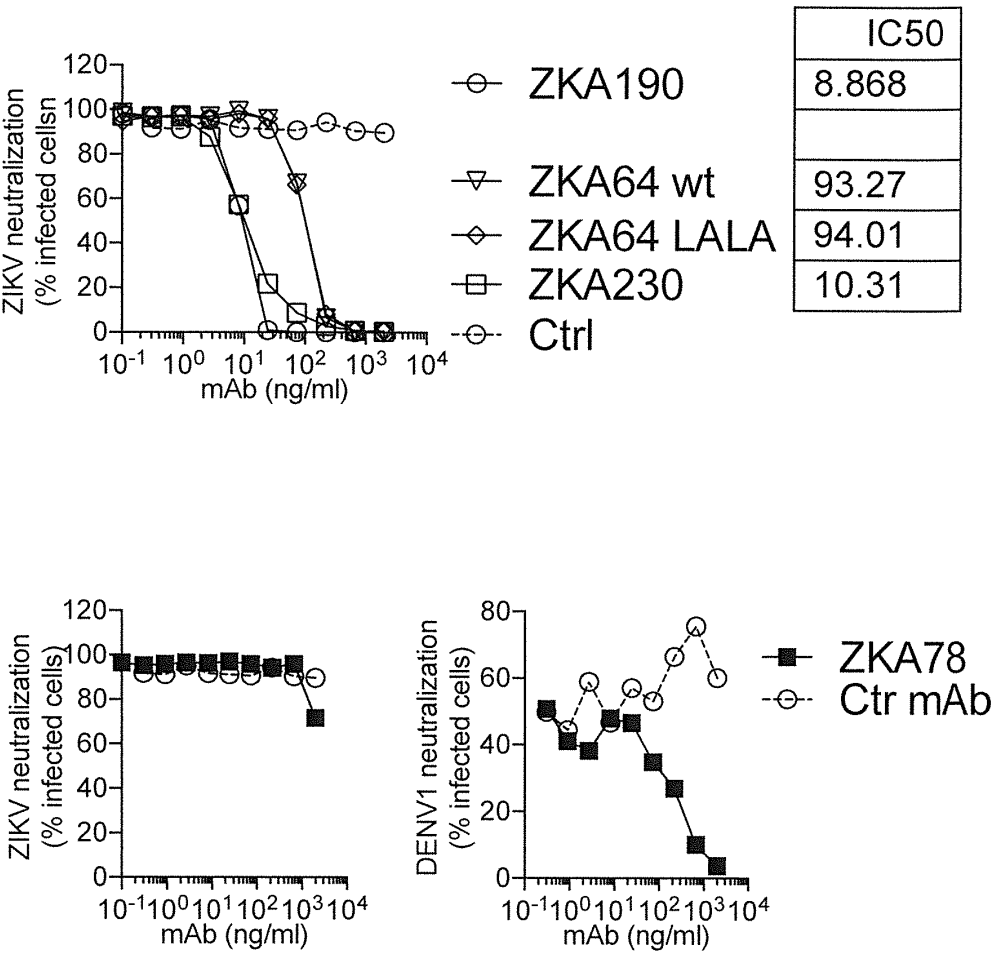


Figure 4

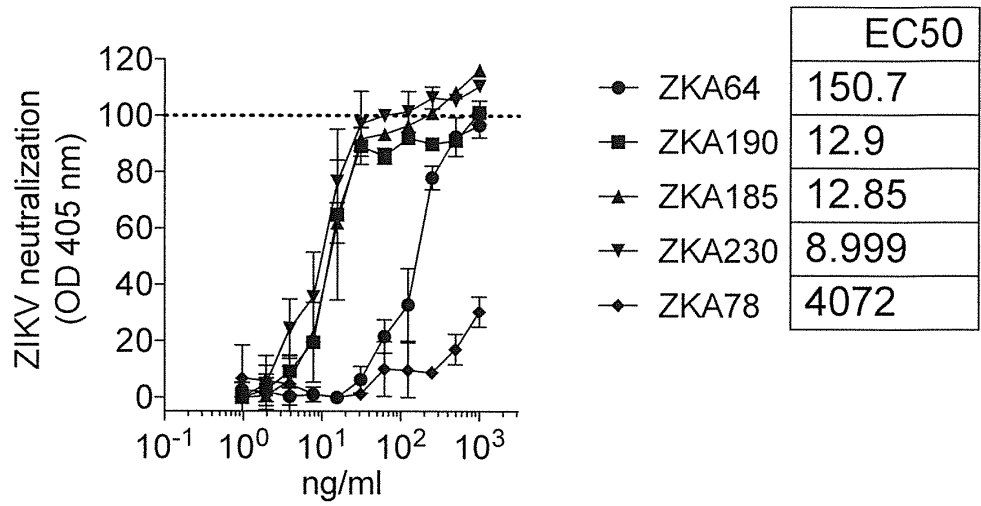


Figure 5

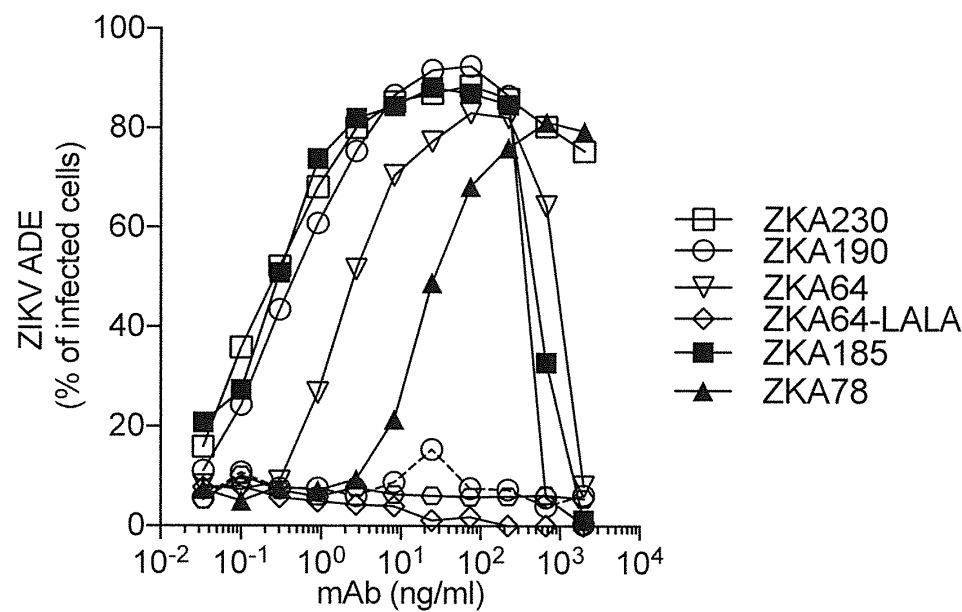


Figure 6

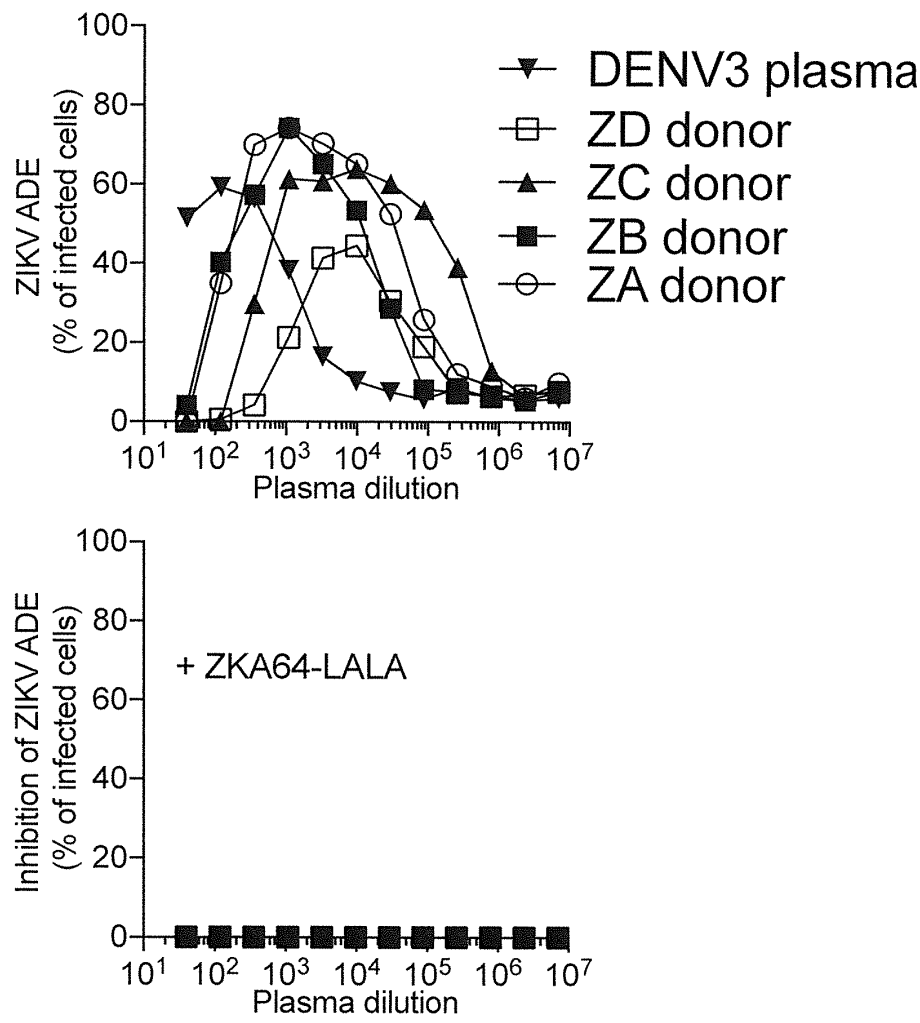


Figure 7

H1PFI2013 (KU776791)	taafftkipaetlhgtvtvovqyagtdgpcckvpqamvdmqtiipvgrliitanpvltestenskmmleldppfgdsyivlgvgekkilthhwhrs	95
SPH2015 (KU321639)		95
Zika virus strain MRS_OPY_Martinique_PaRi_2015 (KU647676)		95
MR766 (AY632535)	v.....i.v.....d.....	95
KU929309 Brazil 14-Jan-2016		95
KU870645 USA 02-Feb-2016		95
KU940228 Brazil 01-Jul-2015		95
KU365779 Brazil 2015		95
KU365778 Brazil 2015		95
KU312312 Suriname 2-Oct-15		95
KU853013 Italy 1-Feb-16		95
KU940224 Brazil 01-Aug-2015		95
KU820898 China 14-Feb-16		95
KU761564 China 12-Feb-16		95
KU729218 Brazil 2015	T.....	95
KU729217 Brazil 2015		95
KU922923 Mexico 25-Feb-16		95
KU365780 Brazil 2015		95
KU501216 Guatemala 1-Dec-15		95
KU740184 China 16-Feb		95
KU527068 Brazil 2015		95
KU955590 China 26-Feb-2016		95
KU707826 Brazil 1-Jul-15		95
KU922960 Mexico 25-Feb-16		95
KU866423 China 2016		95
KU501215 PuertoRico 1-Dec-15		95
KJ776791 FrenchPolynesia 28-Nov-13		95
KU501217 Guatemala 1-Nov-15		95
KU497555 Brazil 30-Nov-15		95
KU820897 Colombia 15-Dec		95
KF993678 Canada 19-Feb-13		95
KU509898 Haiti 12-Dec-14		95
KU820899 China 17-Feb-16		95
KU365777 Brazil 2015		95
KU955589 China 16-Feb-2016		95
KU853012 Italy 1-Feb-16		95
KU681081 Thailand 9-Jul-14	G.....	95
KU926310 Brazil 29-Jan-2016	A.....	95
KU744693 China 6-Feb-16	VD.....G.....G.....	95

Figure 8

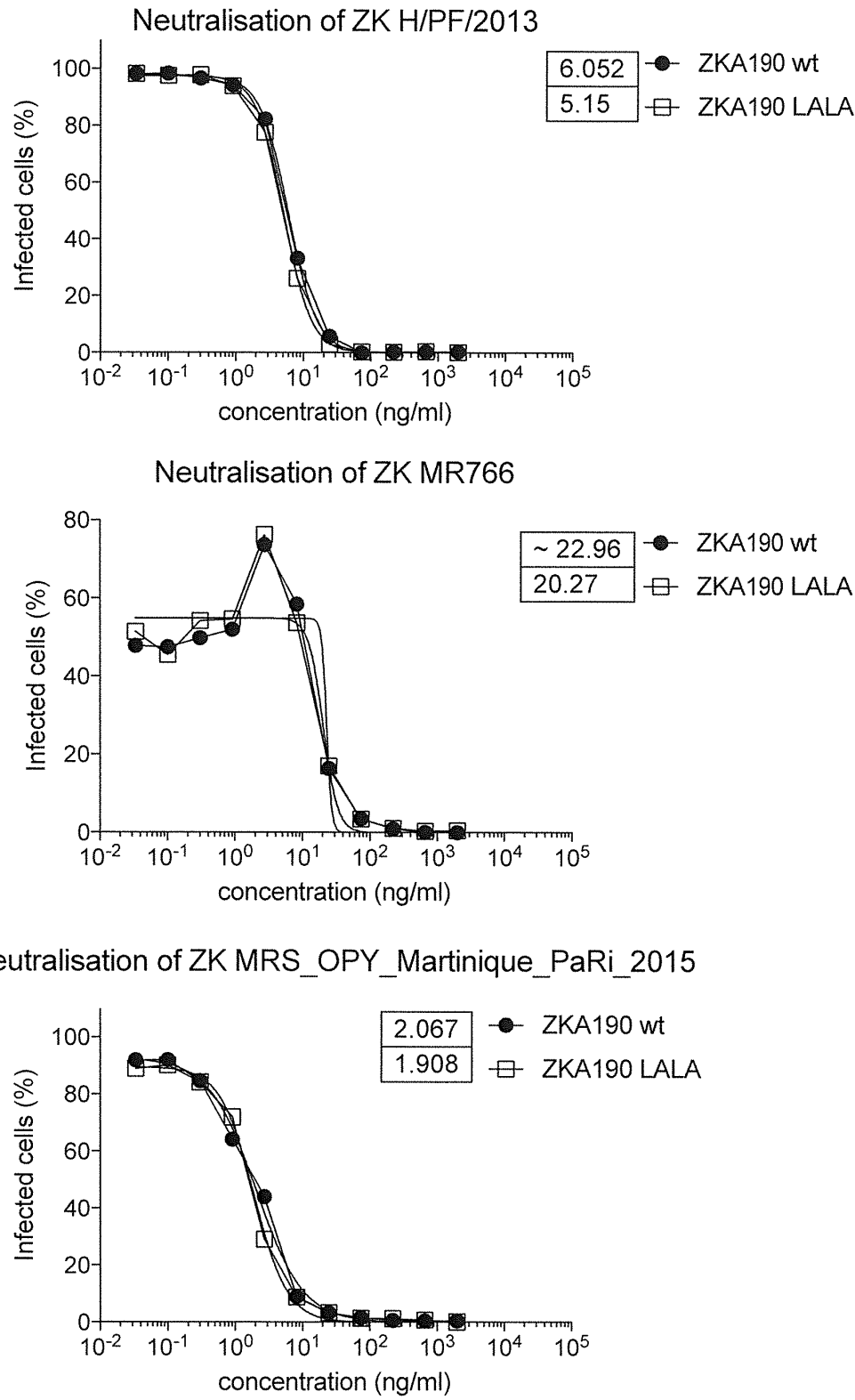
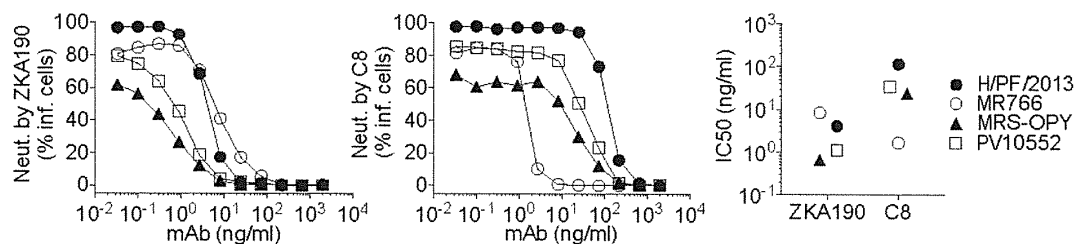


Figure 9

A



B

ZIKV strain	IC50 (ng/ml)	
	ZKA190	C8
H/PF/2013	4,09	115,80
MR766	8,37	1,67
MRS-OPY	0,65	23,48
PV10552	1,09	34,60

C

	ZKA190	C8
Number of values	4	4
Minimum	0,6484	1,665
25% Percentile	0,7581	7,119
Median	2,586	29,04
75% Percentile	7,302	95,5
Maximum	8,374	115,8
Mean	3,549	43,89
Std. Deviation	3,561	49,86
Std. Error of Mean	1,781	24,93
Lower 95% CI of mean	-2,118	-35,45
Upper 95% CI of mean	9,215	123,2
Coefficient of variation	100,35%	113,60%
Geometric mean	2,216	19,89
Geometric SD factor	3,246	5,977
Sum	14,19	175,5

Figure 10

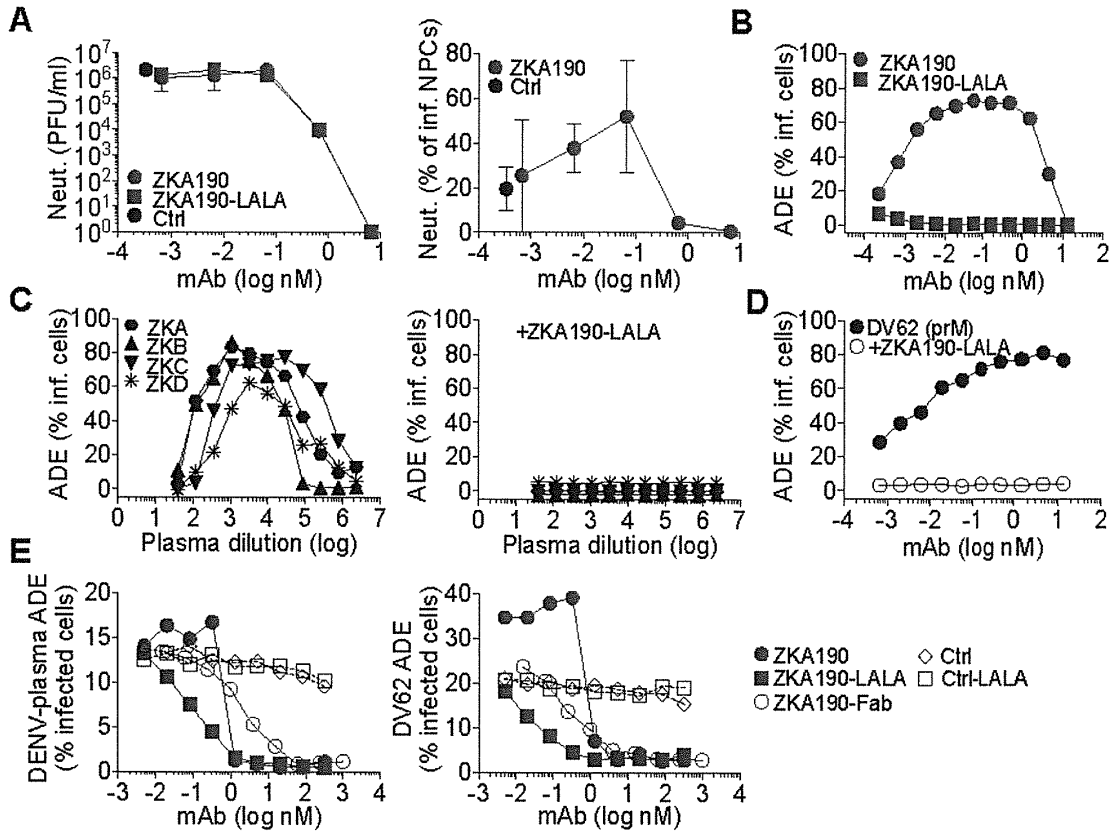


Figure 11

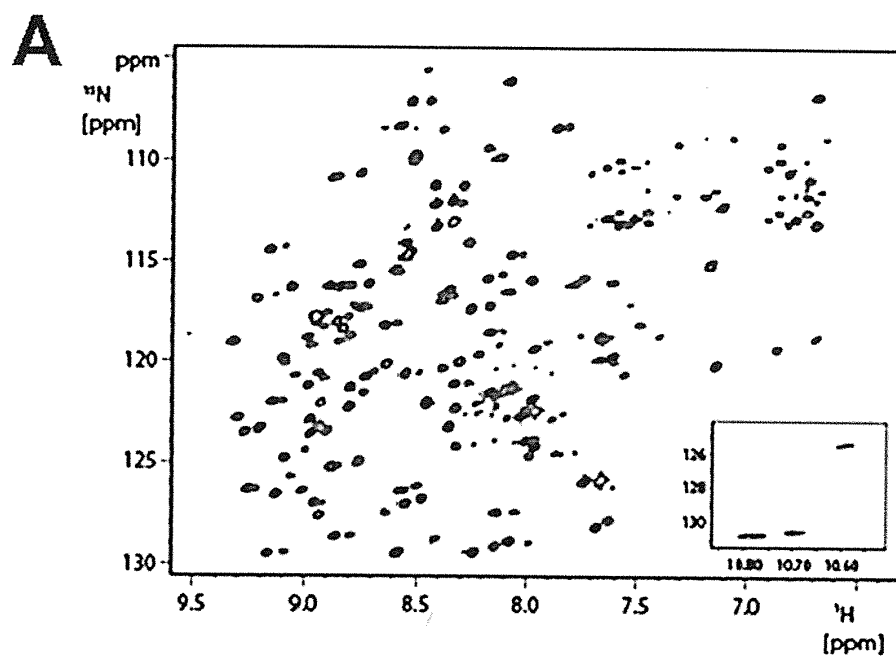


Figure 12

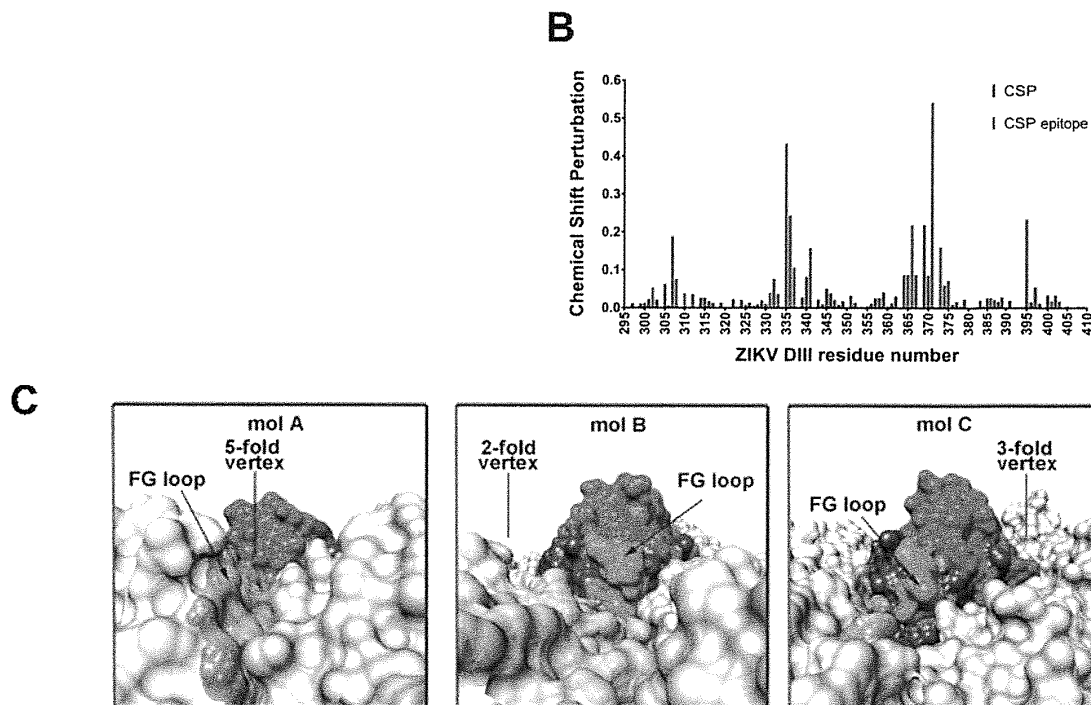


Figure 12 (continued)

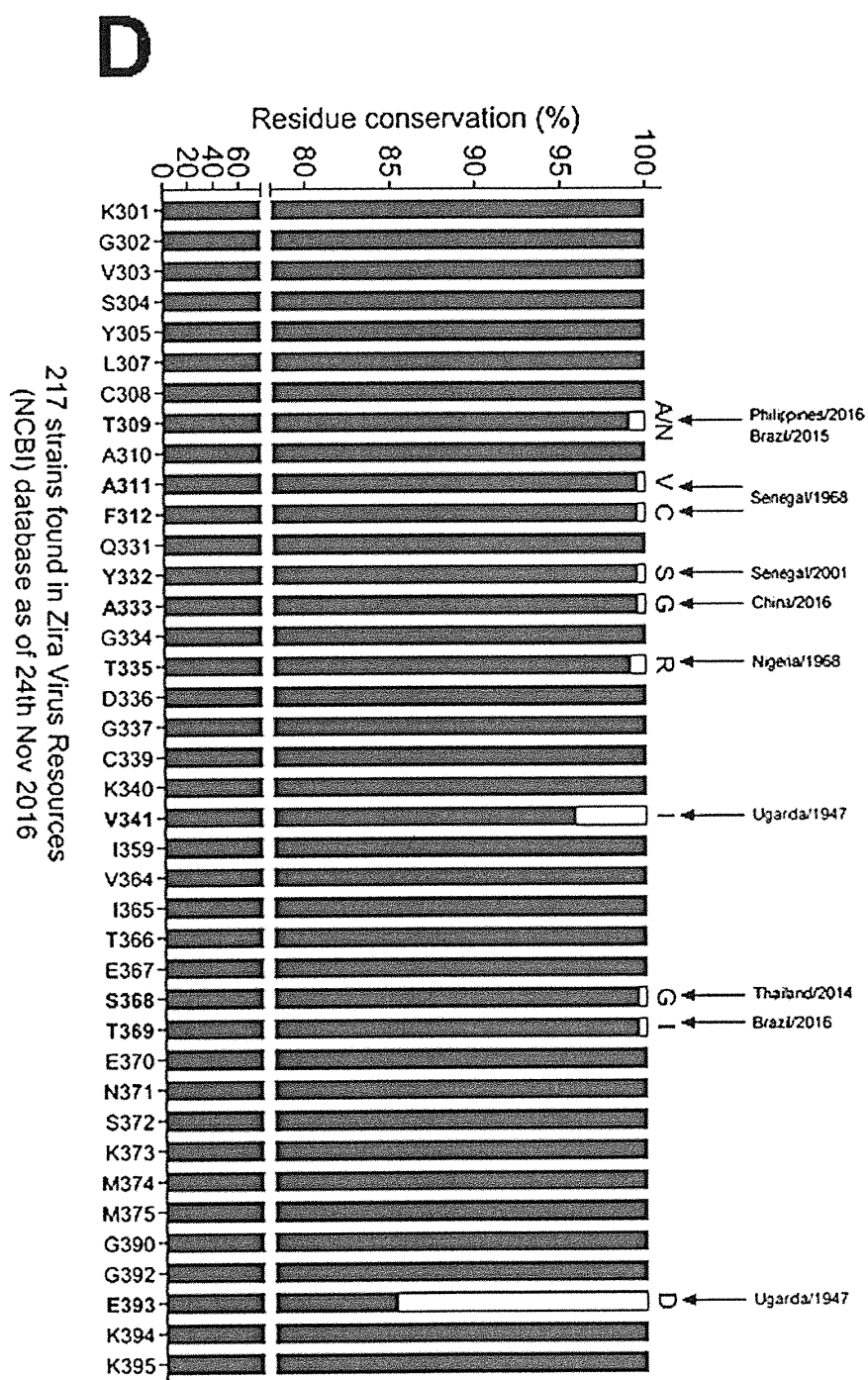


Figure 12 (continued)

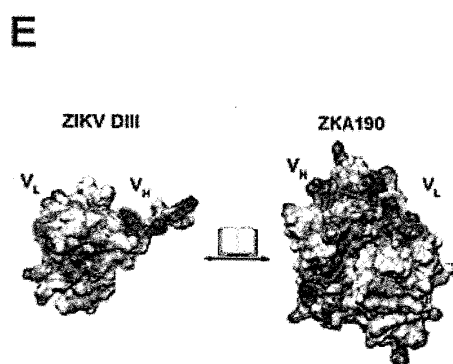


Figure 12 (continued)

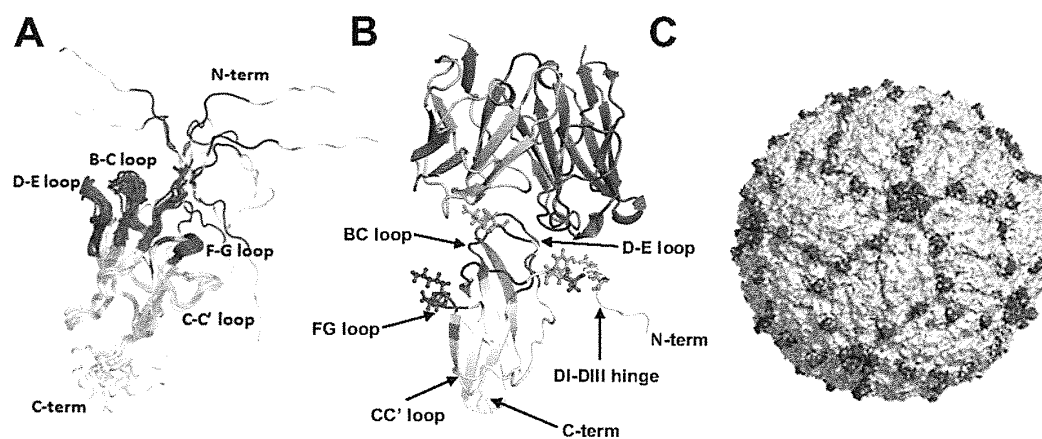


Figure 13

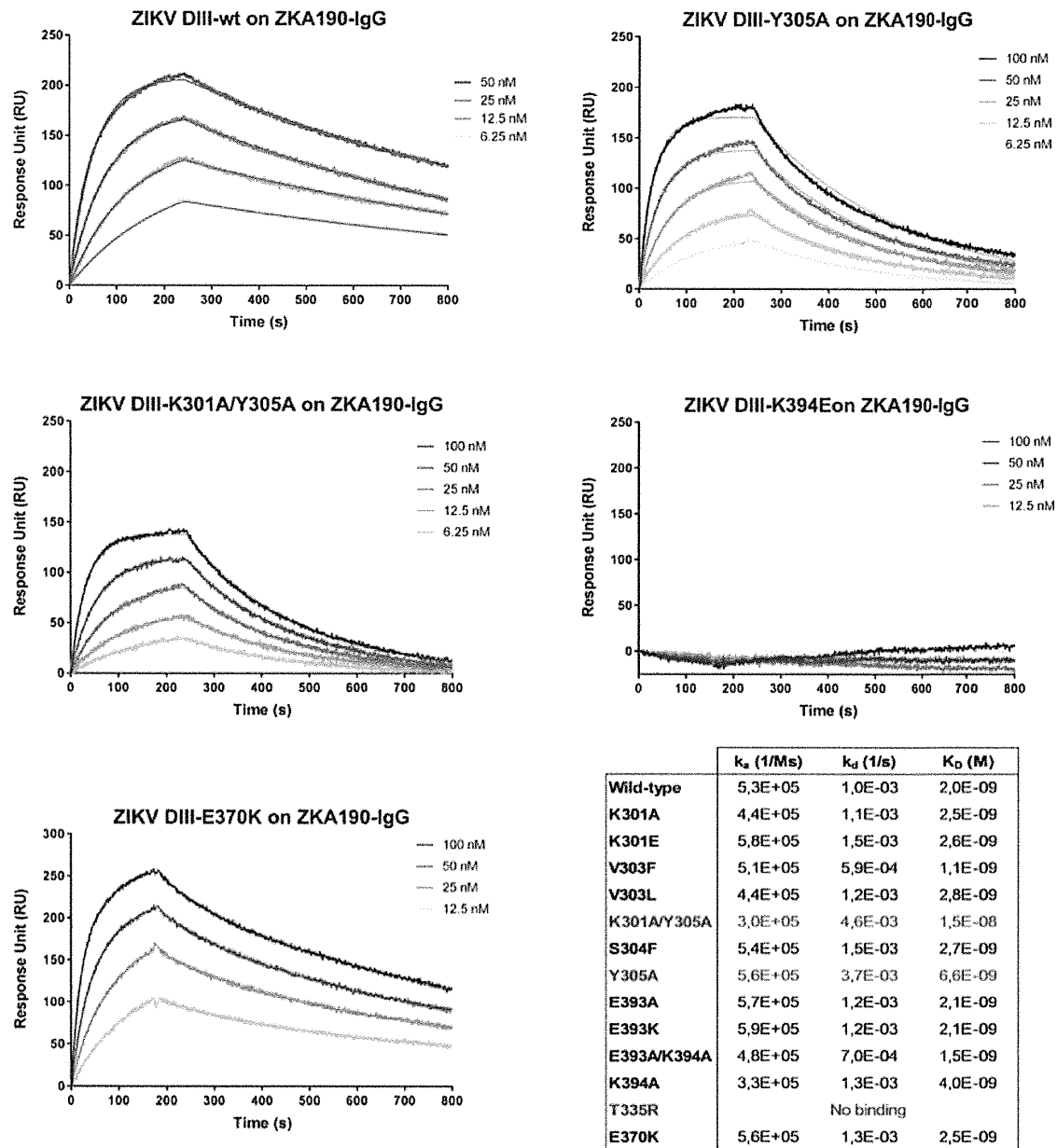


Figure 14

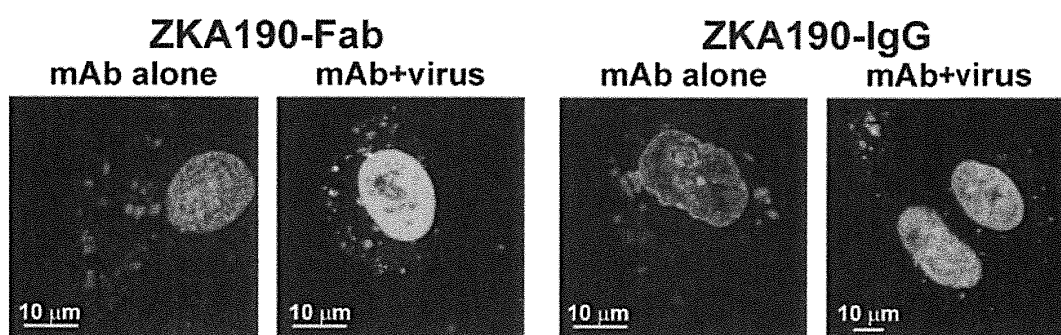


Figure 15

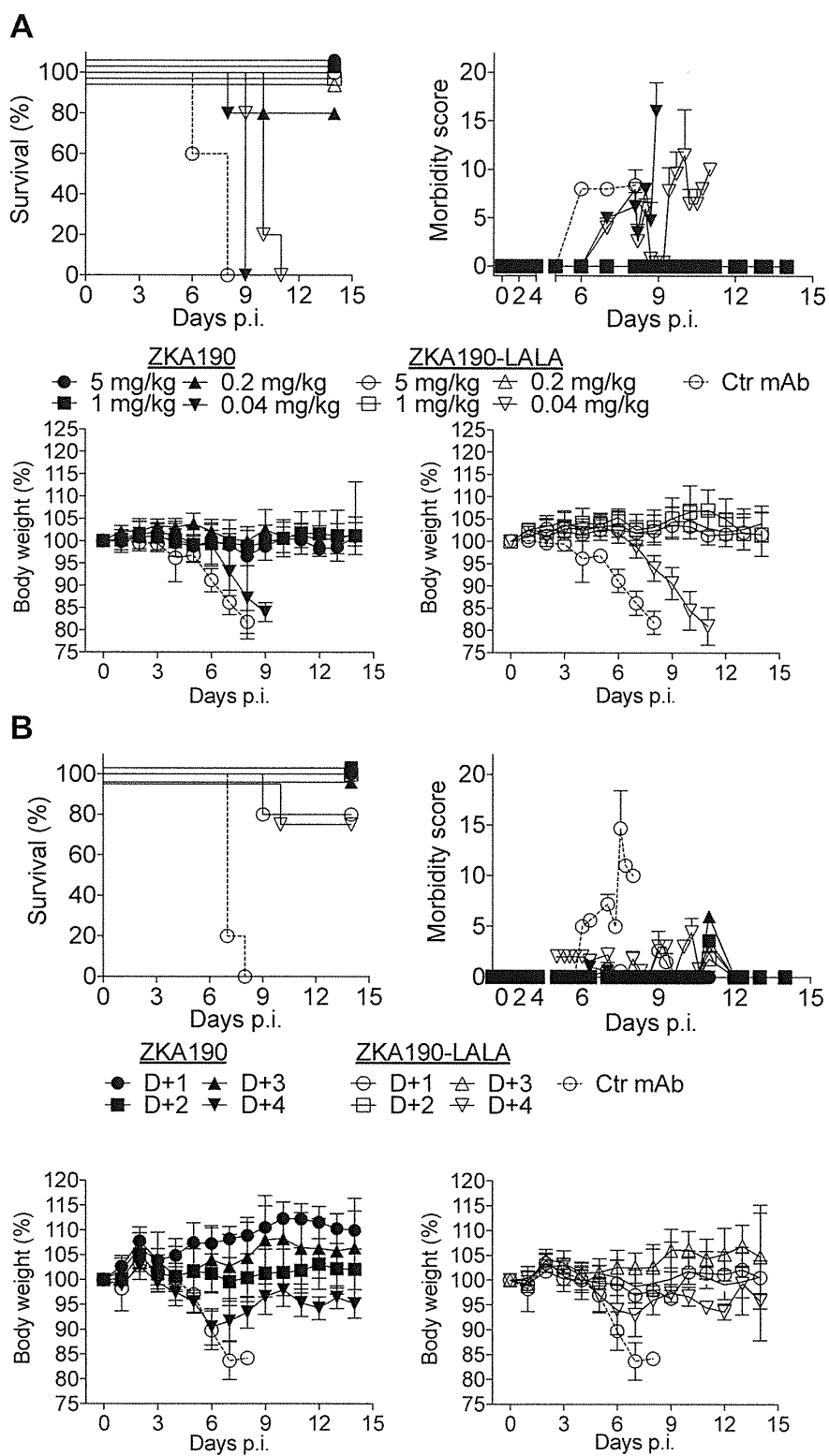


Figure 16

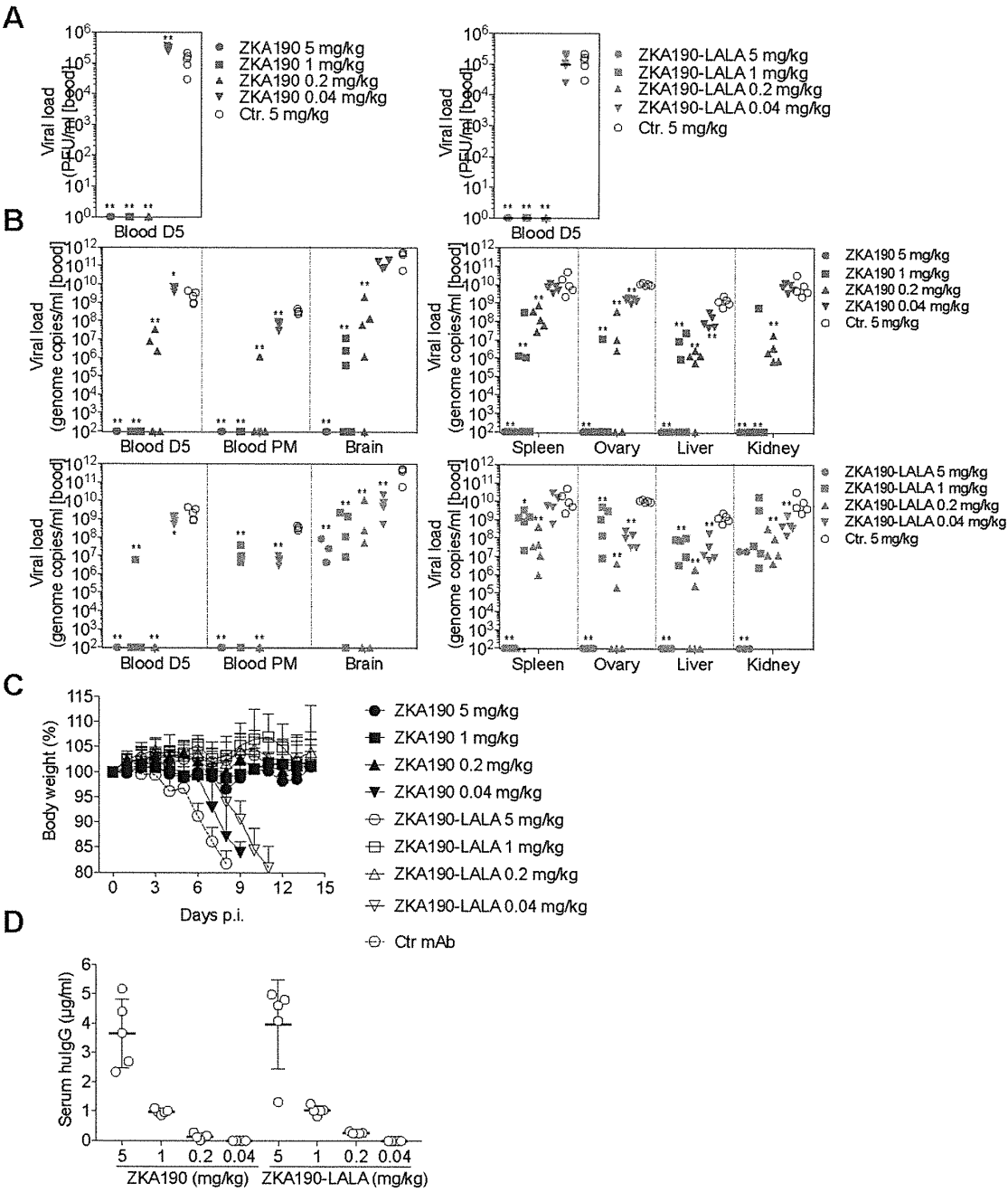


Figure 17

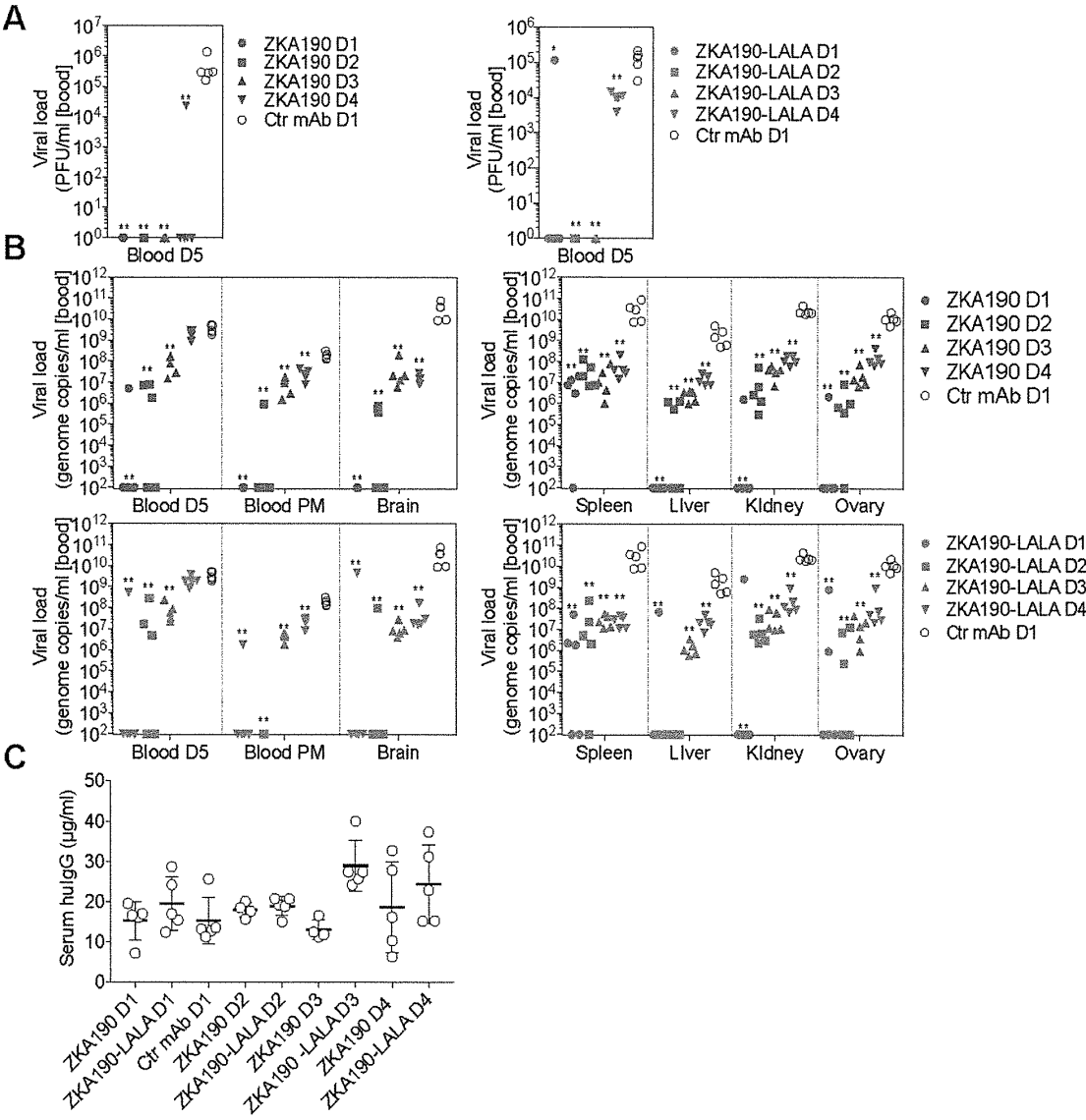


Figure 18

22/32

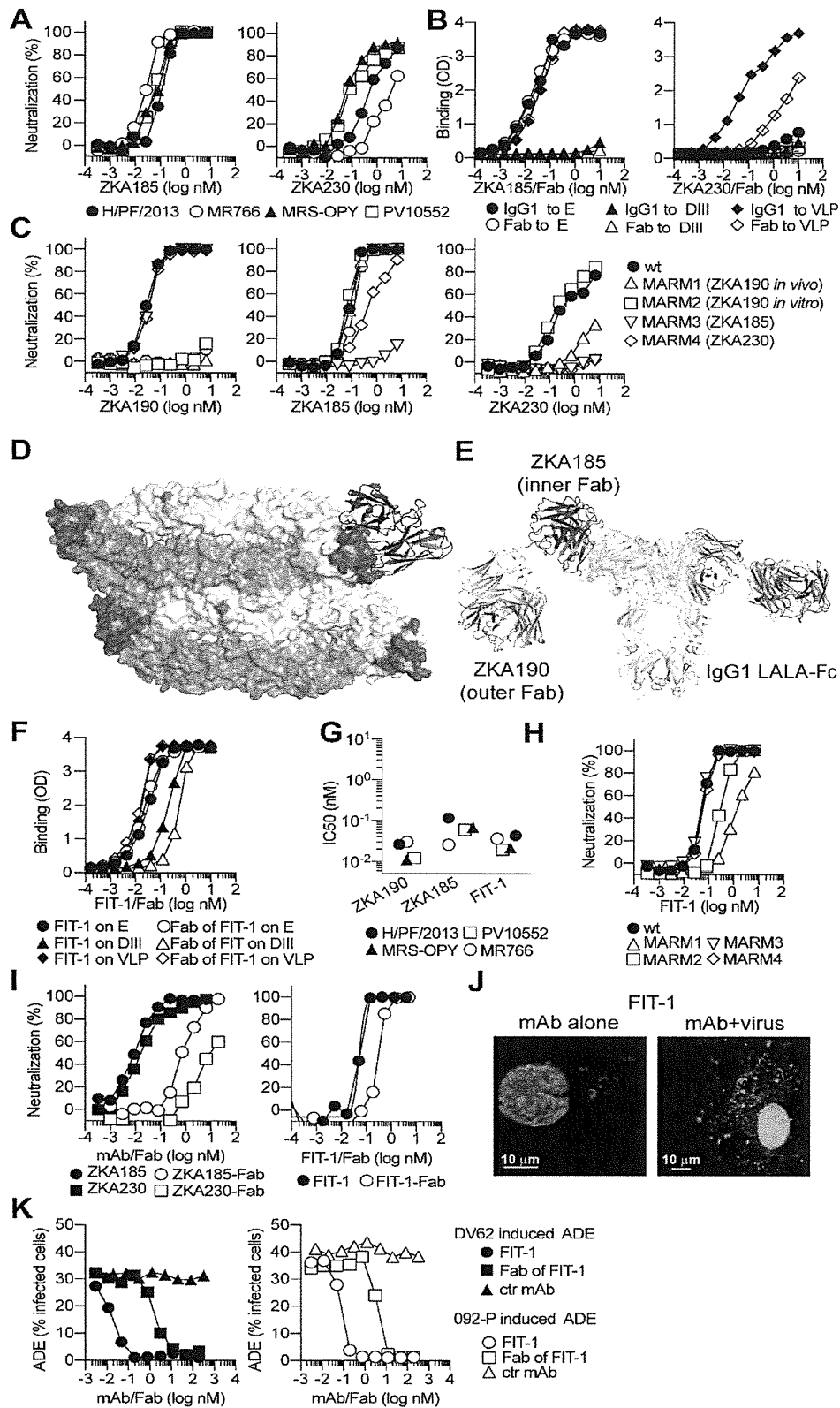


Figure 19

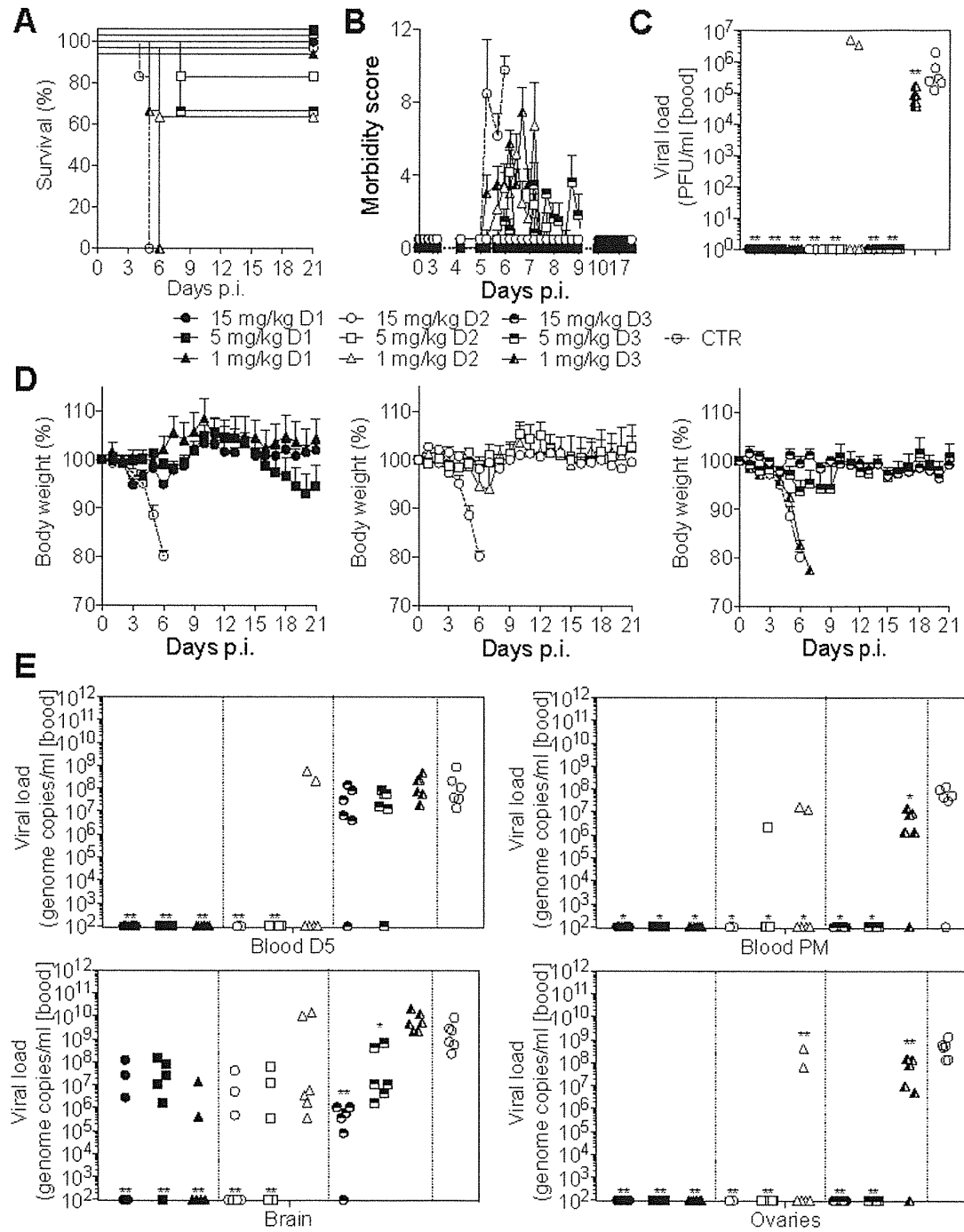


Figure 20

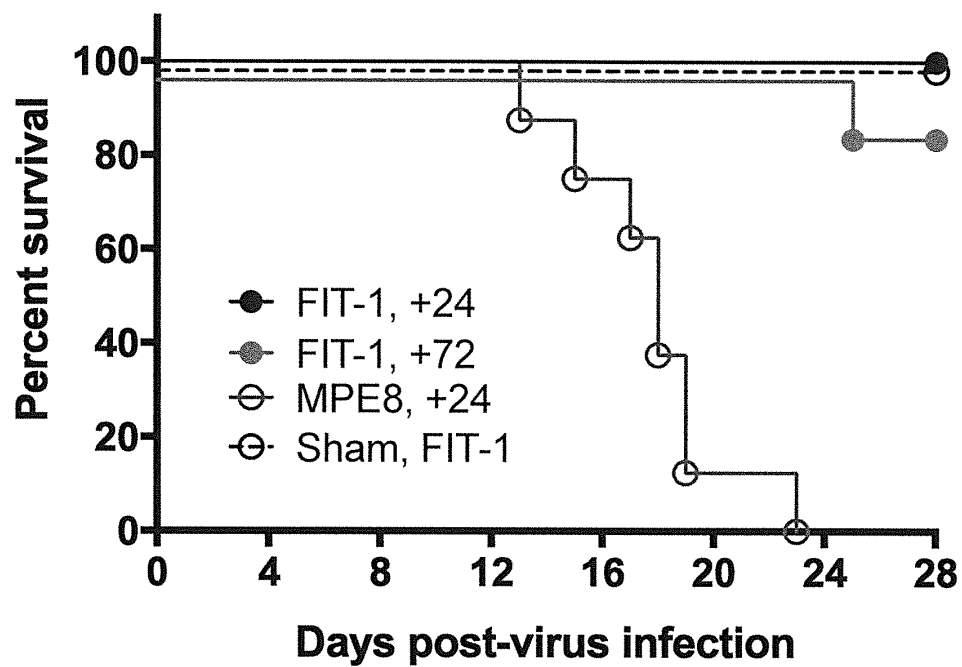


Figure 21

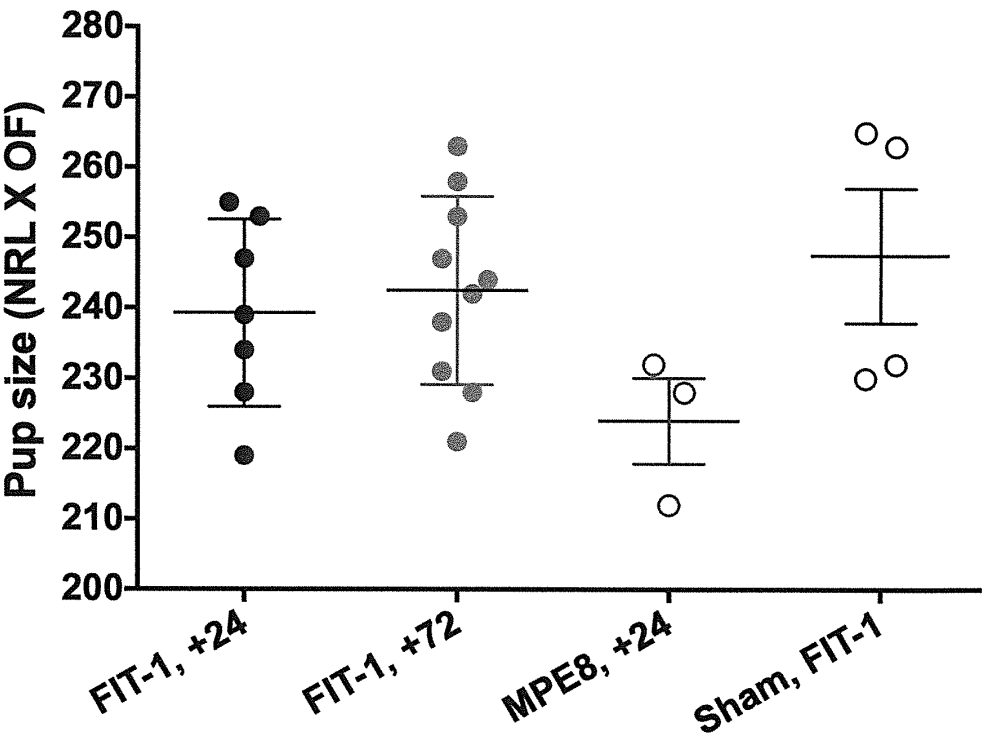


Figure 22

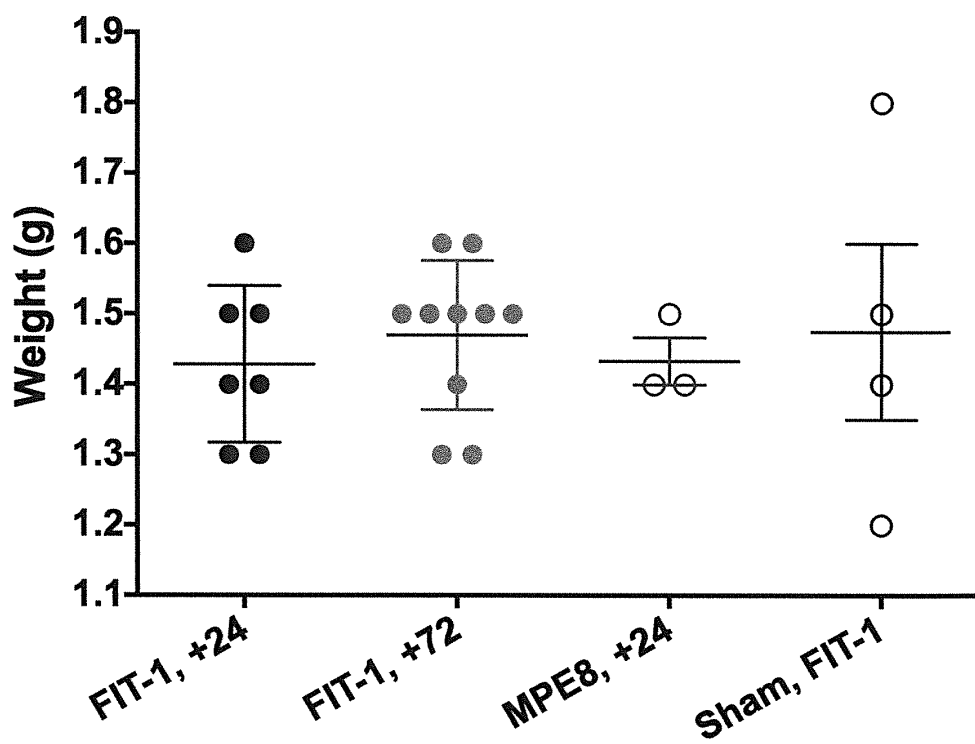


Figure 23

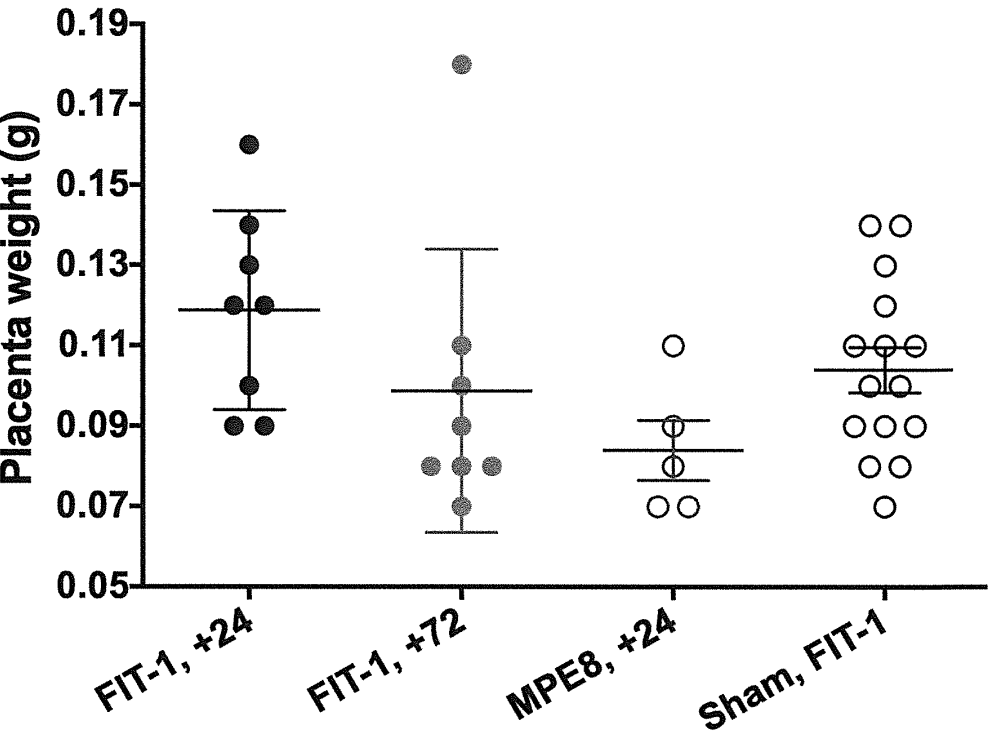


Figure 24

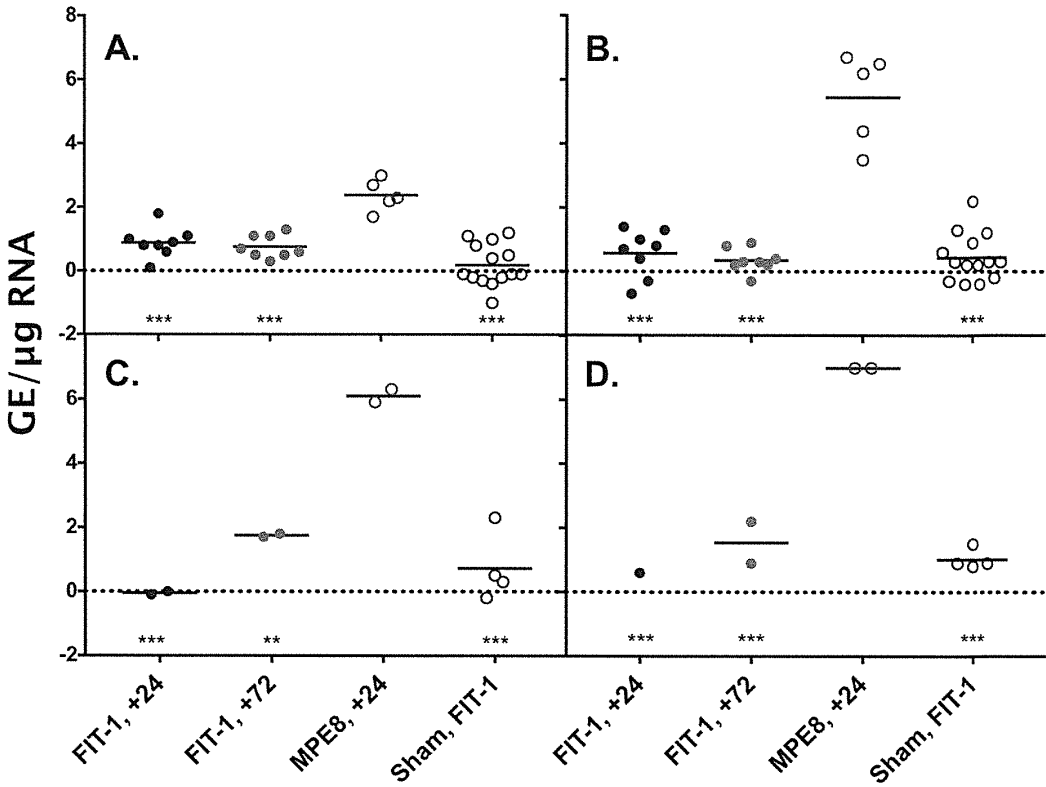


Figure 25

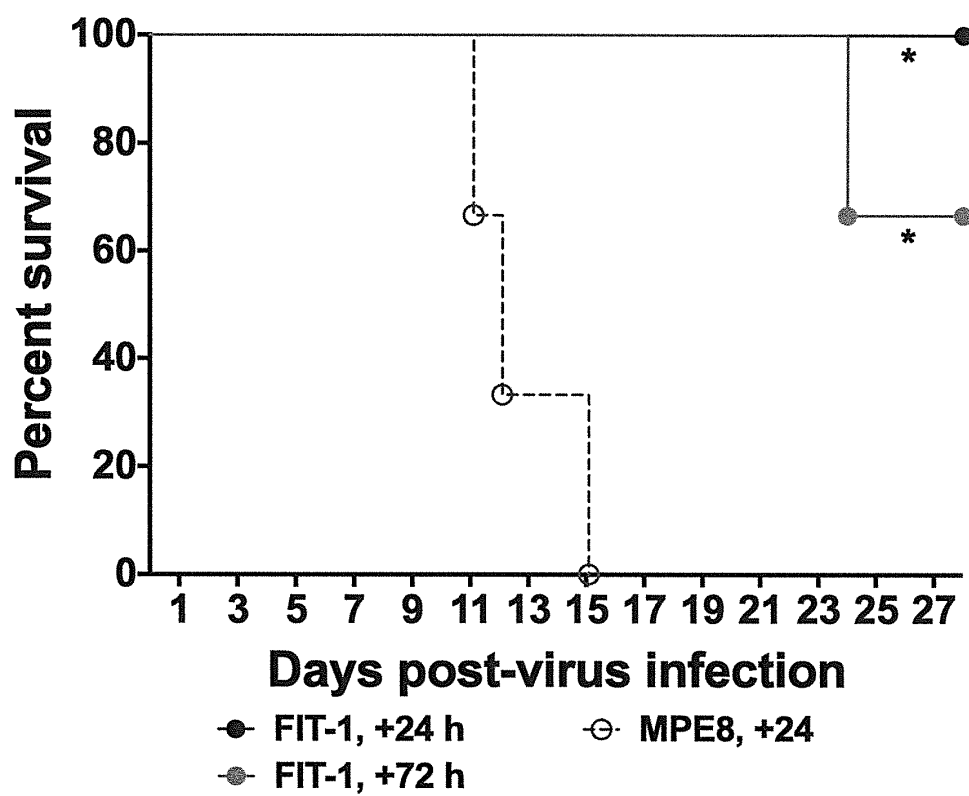


Figure 26

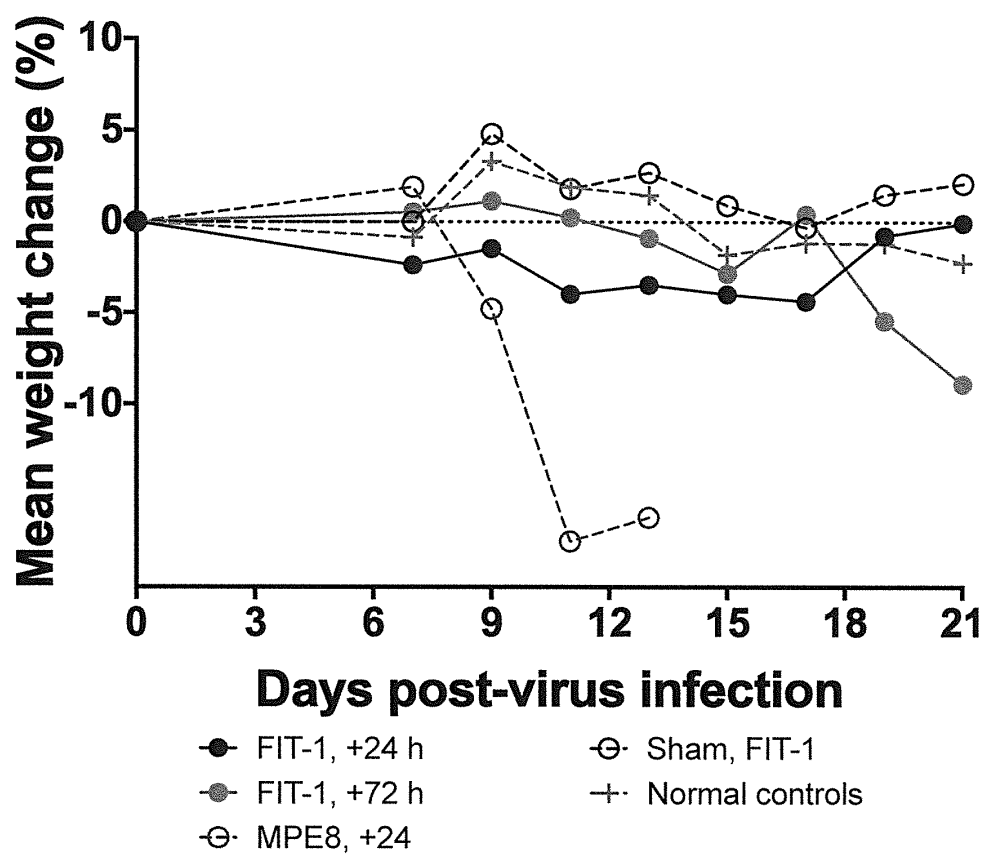


Figure 27

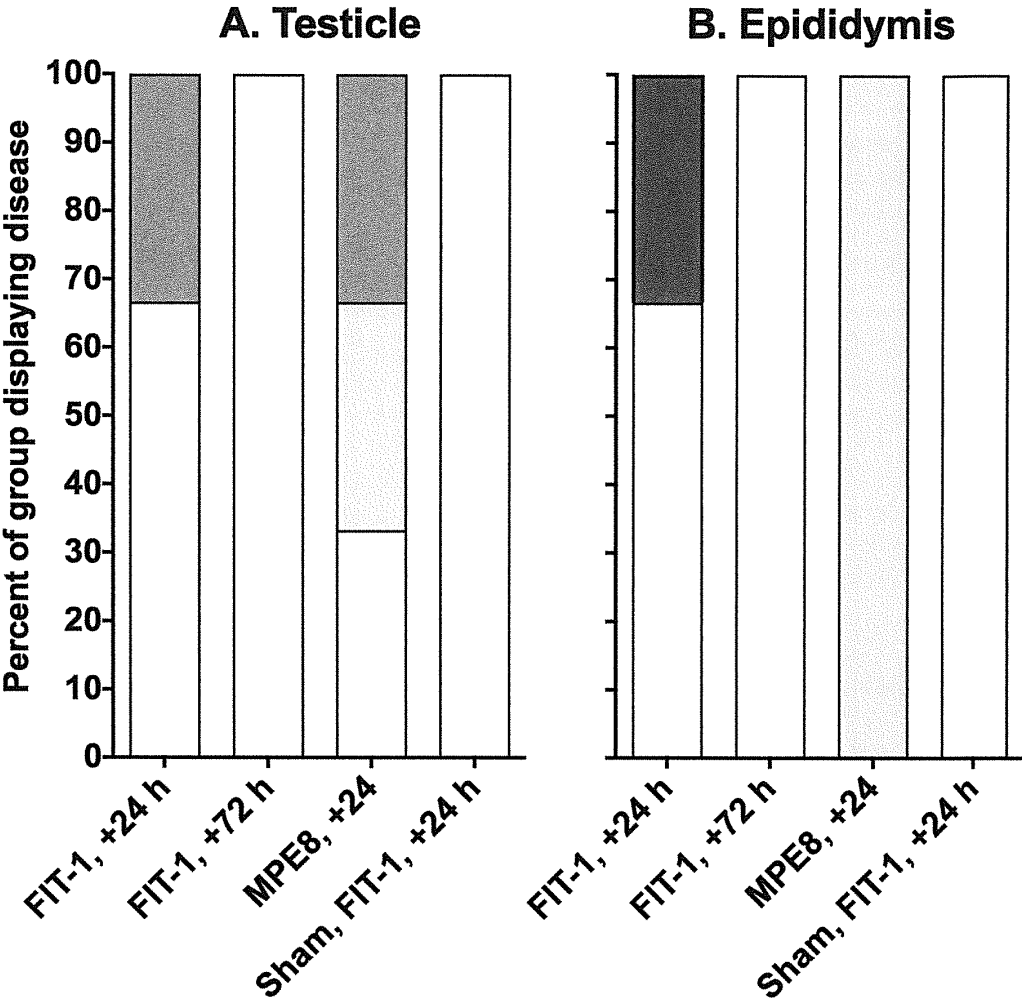


Figure 28

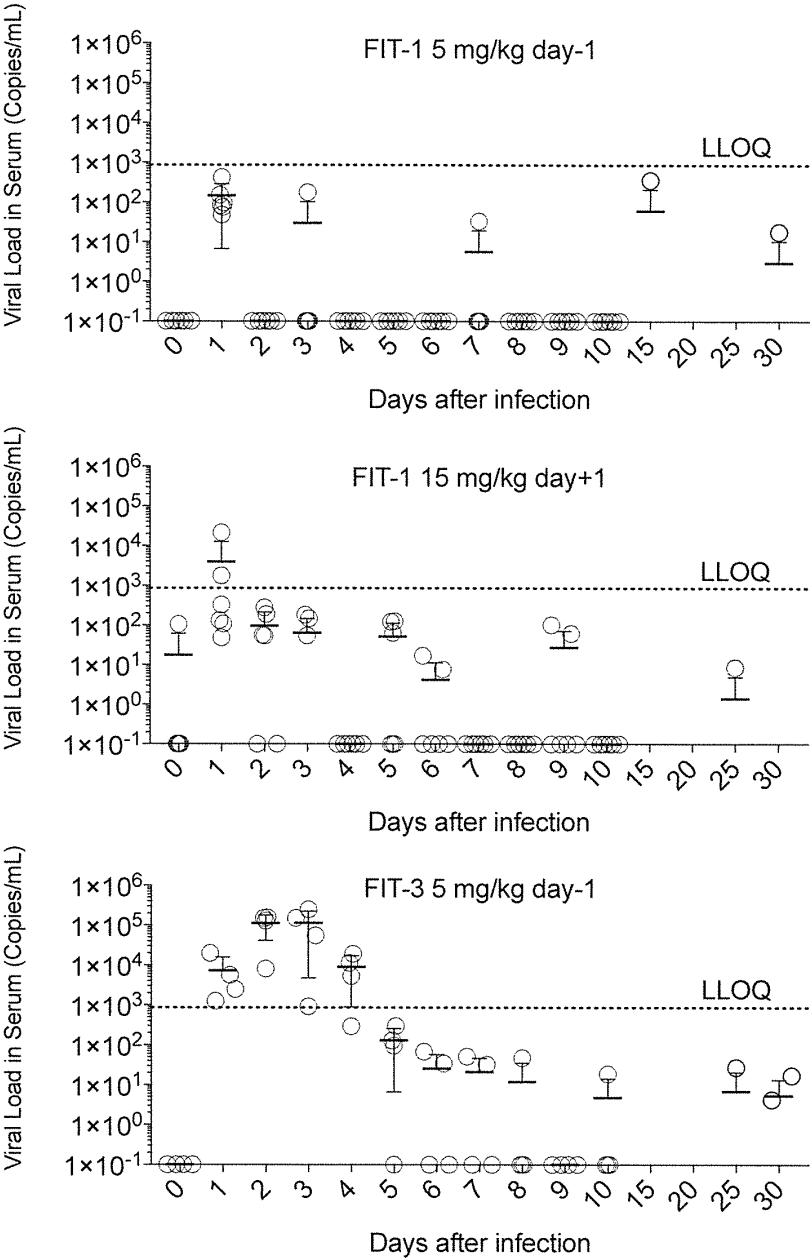


Figure 29