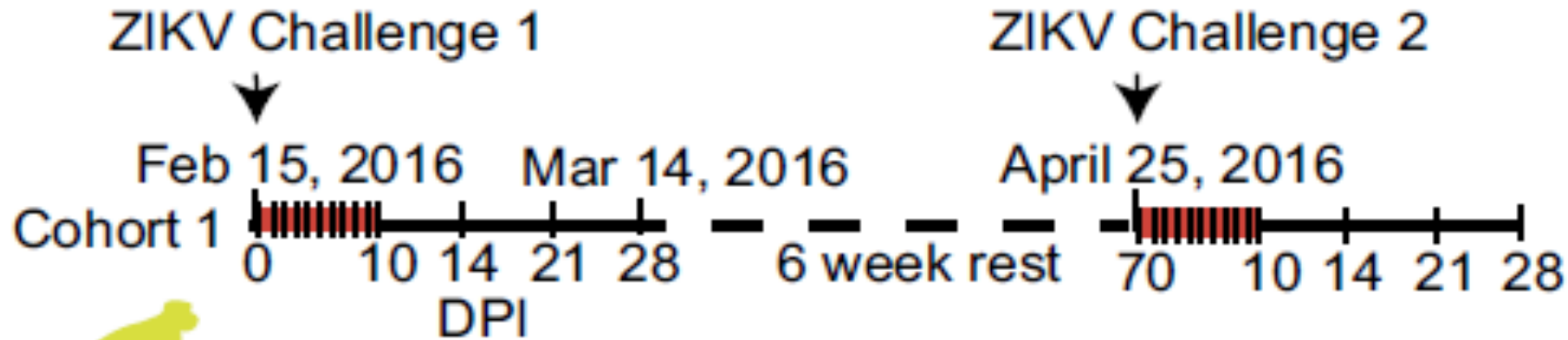


Rhesus Plasma binding to whole ZIKV along challenge and re-challenge time points



Trends:

- ✓ No binding at baseline (Day -3 or Day 0)
- ✓ Very low to no binding to ZIKV in 1st two weeks
- ✓ Wk 3 – 10 = high binding
- ✓ Wk 13 (3 week after re-challenge) = high to moderate binding



826226 - ZIKV001, male, 10⁶ challenge



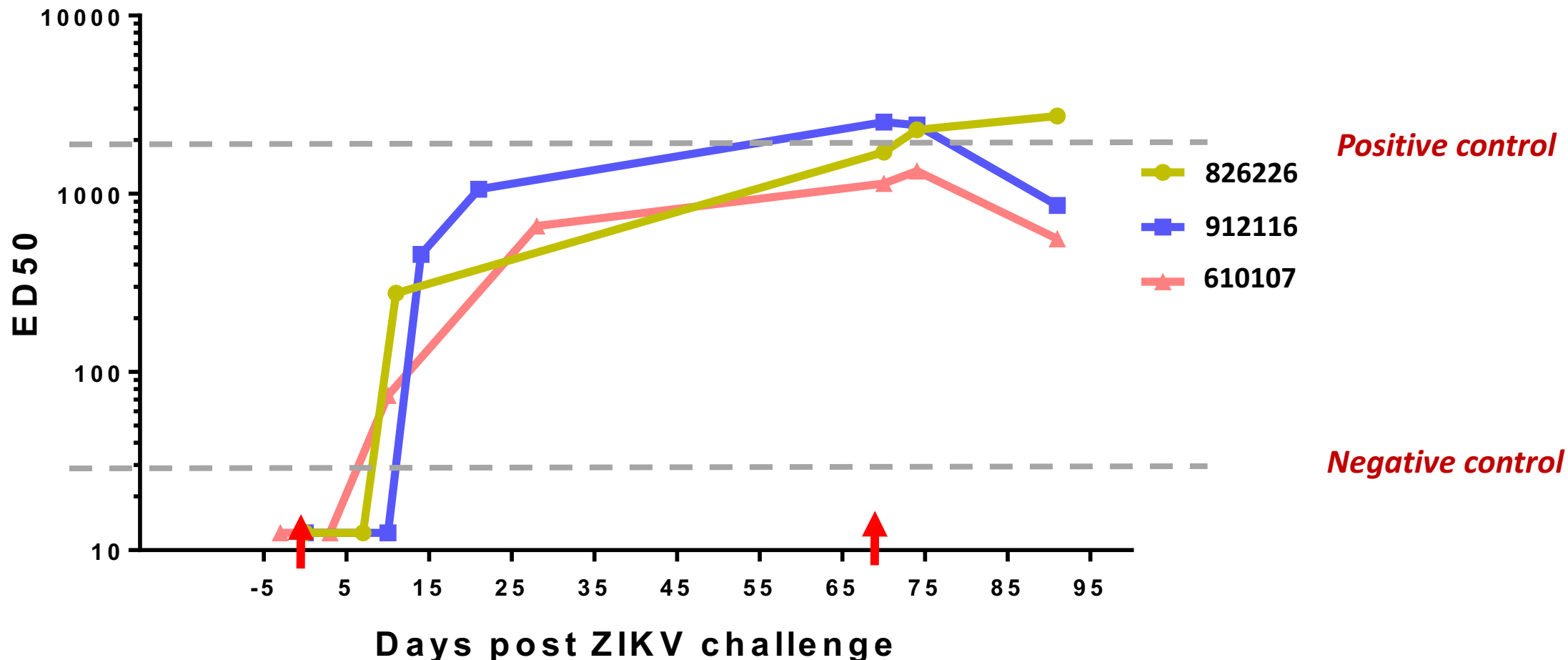
912116 - ZIKV001, male, 10⁴ challenge



610107 - ZIKV004, female, 10⁶ challenge

**Log Y-axis*

Zika virion binding over time

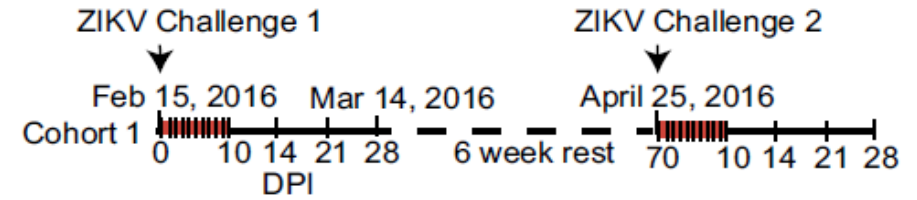


Positive control – High binding rhesus plasma from UC Davis cohort

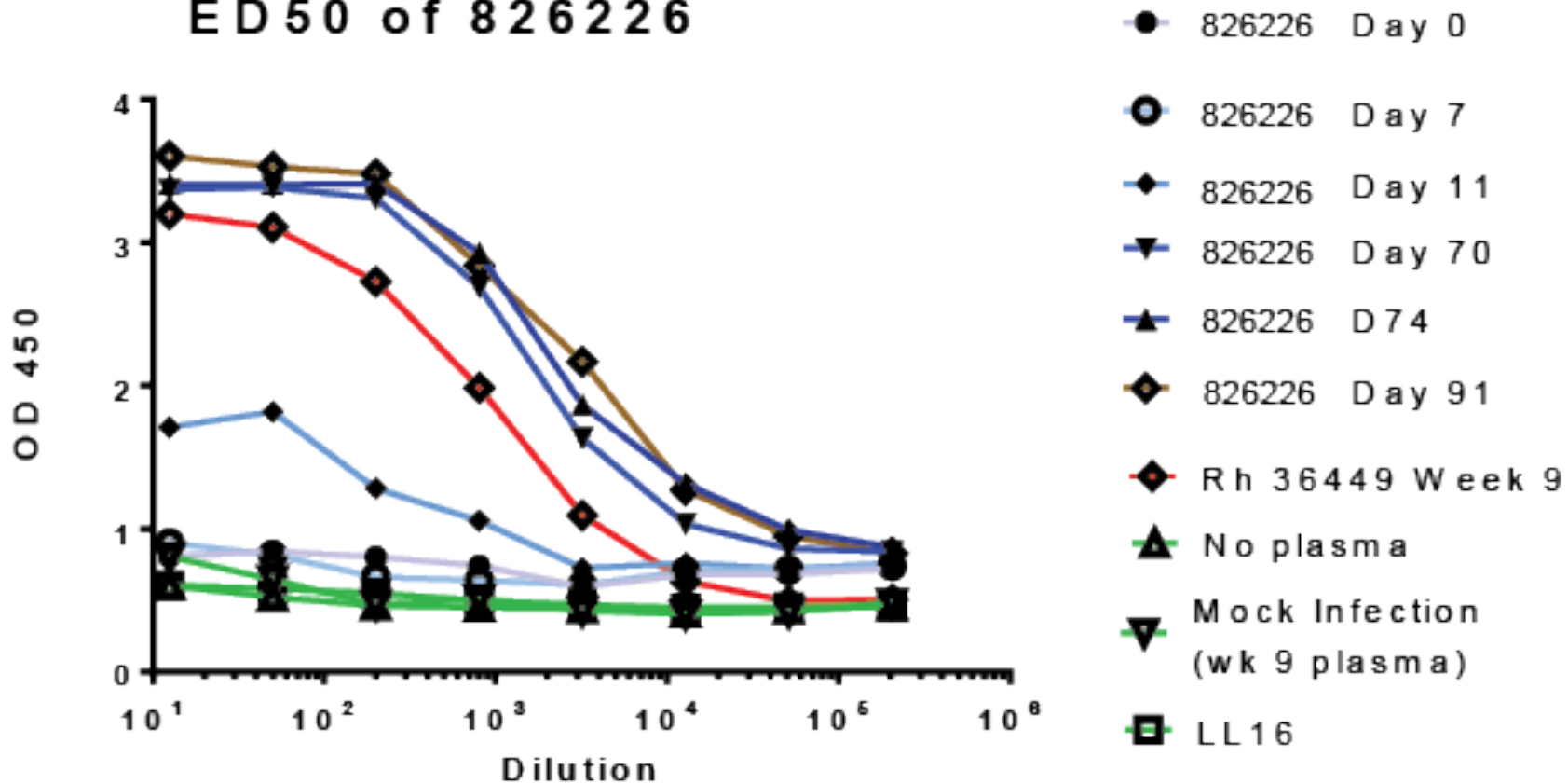
Negative control – LL16 (ZIKV- rhesus plasma from UC Davis cohort); no plasma; mock infection is no virus but growth supe.



826226 - ZIKV001, male, 10⁶ challenge



ED 50 of 826226

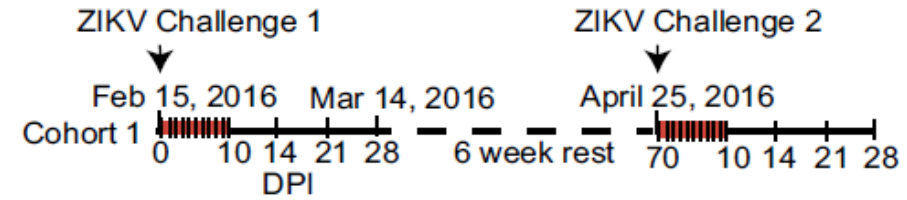


Positive control – High binding rhesus plasma from UC Davis cohort

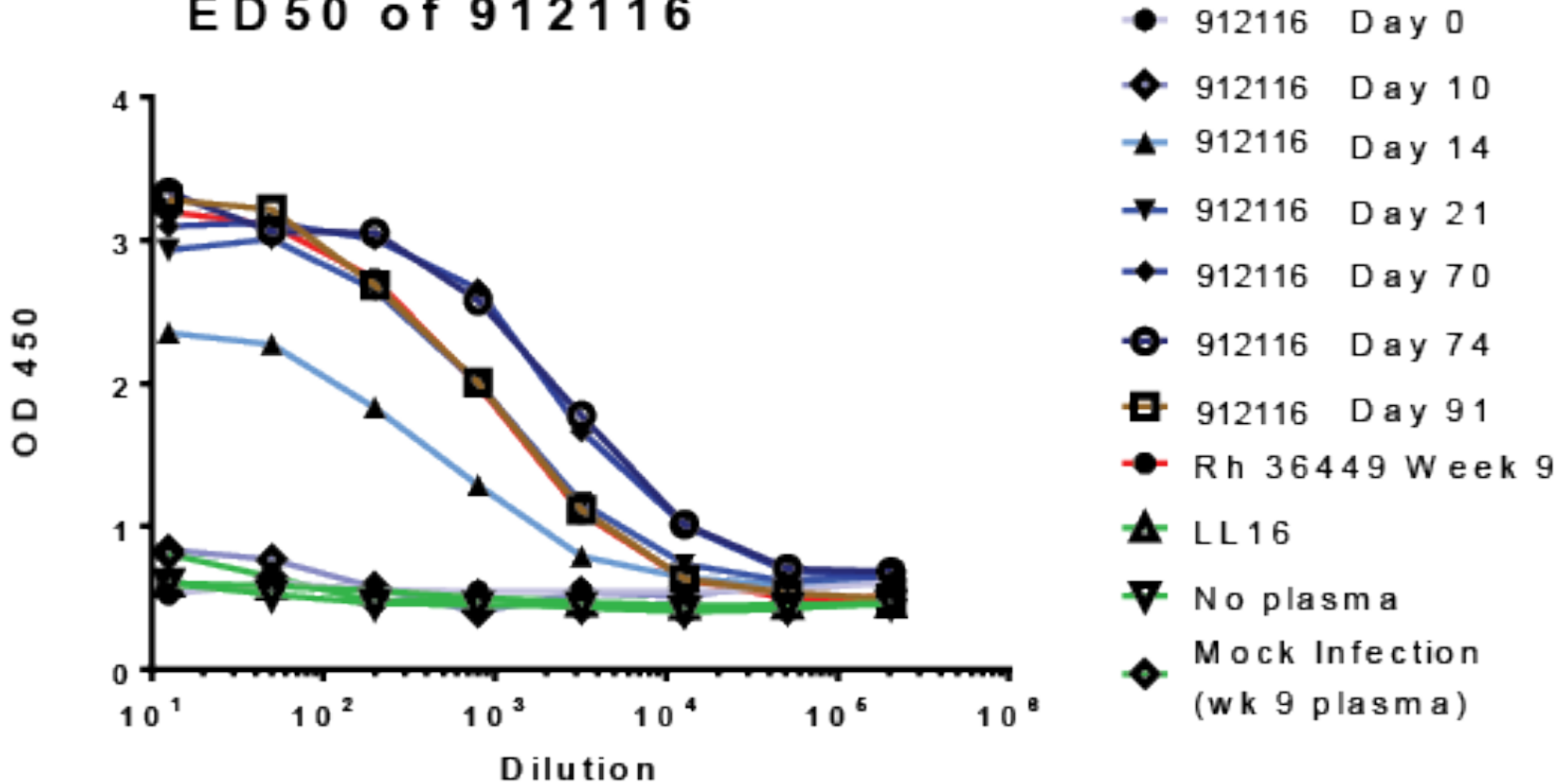
Negative control – LL16 (ZIKV- rhesus plasma from UC Davis cohort); no plasma; mock infection is no virus but growth supe.



912116 - ZIKV001, male, 10⁴ challenge



ED 50 of 912116



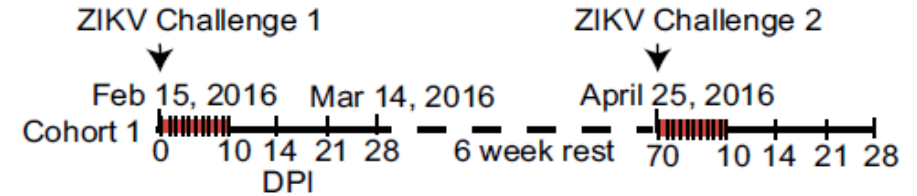
Positive control – High binding rhesus plasma from UC Davis cohort

Negative control – LL16 (ZIKV- rhesus plasma from UC Davis cohort); no plasma; mock infection is no virus but growth supe.

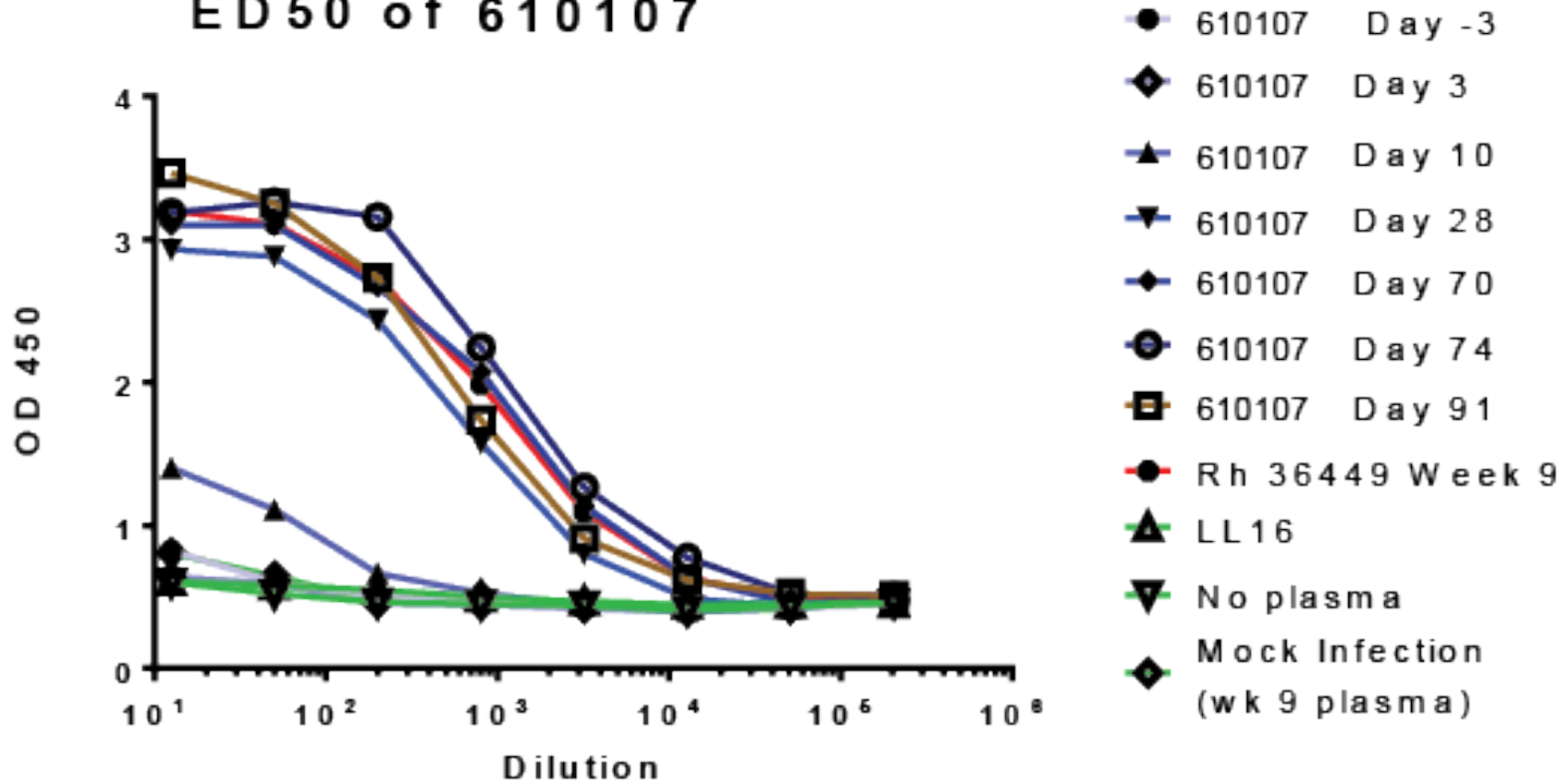


610107 - ZIKV004, female, 10⁶ challenge

610107



ED 50 of 610107



Positive control – High binding rhesus plasma from UC Davis cohort

Negative control – LL16 (ZIKV- rhesus plasma from UC Davis cohort); no plasma; mock infection is no virus but growth supe.

ED50 values

826226		912116		610107		Controls	
Day 0	<12.5	Day 0	<12.5	Day -3	<12.5	LL16	<12.5
Day 7	<12.5	Day 10	<12.5	Day 3	<12.5	No plasma	<12.5
Day 11	277	Day 14	458	Day 10	74	Mock Inf.	<12.5
Day 70	1711	Day 21	1062	Day 28	658	Rh 36449 wk 9	950
D74	2287	Day 70	2521	Day 70	1144		
Day 91	2730	Day 74	2424	Day 74	1342		
		Day 91	861	Day 91	558		

Positive control – High binding rhesus plasma from UC Davis cohort

Negative control – LL16 (ZIKV- rhesus plasma from UC Davis cohort); no plasma; mock infection is no virus but growth supe.