## **Supplementary digital content 3**

At Week 48, the proportion of participants with HIV-1 RNA <400 copies/mL for all 4 cohorts were 75.0%, 77.4%, 69.2% and 51.2% for cohorts 1, 2 3, and 4, respectively. For HIV-1 RNA <48 copies/ml, the response rates were 50.0%, 54.8%, 53.8% and 39.7% for Cohorts 1, 2, 3 and 4, respectively.

Median CD4+ T-cell increases ranged from a minimum of 130 (interquartile range: 53-292) cells/mm<sup>3</sup> in Cohort 4, to 286 (interquartile range: 138-474) cells/mm3 in Cohort 2. The lowest CD4+ percentage increase was seen in Cohort 3(1.5%, interquartile range: 0.5-5.5), while the highest increase was seen in Cohort 1 (6%, interquartile range: 3-13).