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| **Supplemental Digital Content 1 - Table. Significant results (P≤0.05) from adjusted logistic regression analysis of study participants using continuous CD4 count change outcome at week 48.** |
| **Base position** | **Gene/ Region** | **MAF** | **Race/ ethnicity** | **Difference in CD4 Change** **(β coefficient)** | **95% CI** | **P-value** |
| 2768 | rRNA | 0.05 | NHB | 207.4 | 24.2, 390.5 | 0.03 |
| 2789 | rRNA | 0.19 | NHB | -109 | -188, -30.0 | 0.008 |
| 3594 | ND1 | 0.45 | NHB | 68.24 | 4.05, 132.4 | 0.04 |
| 7175 | CO1 | 0.19 | NHB | -109 | -188.0, -30.0 | 0.008 |
| 7274 | CO1 | 0.19 | NHB | -109.5 | -190.6, -28.3 | 0.01 |
| 7771 | CO2 | 0.19 | NHB | -109 | -188.0, -30.0 | 0.008 |
| 9221 | CO3 | 0.31 | NHB | -119.5 | -186.7, -52.3 | 0.0008 |
| 10115 | ND3 | 0.31 | NHB | -115.8 | -185.5, -46.1 | 0.002 |
| 11914 | ND4 | 0.27 | NHB | -112.8 | -186.0, -39.5 | 0.003 |
| 13105 | ND5 | 0.33 | NHB | 89.03 | 20.9, 157.2 | 0.01 |
| 13590 | ND5 | 0.31 | NHB | -109.7 | -178.7, -40.7 | 0.003 |
| 13803 | ND5 | 0.19 | NHB | -111.5 | -192.6, -30.4 | 0.009 |
| 14178 | ND6 | 0.20 | NHB | 81.56 | 2.6, 160.5 | 0.05 |
| 14566 | ND6 | 0.19 | NHB | -109 | -188.0, -30.0 | 0.008 |
| 16390 | CR | 0.31 | NHB | -108 | -176.3, -39.8 | 0.003 |
| 295 | CR | 0.02 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 2706 | rRNA | 0.02 | H | -192 | -374.9, -9.2 | 0.05 |
| 7028 | CO1 | 0.02 | H | -192 | -374.9, -9.2 | 0.05 |
| 7076 | CO1 | 0.02 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 11002 | ND4 | 0.03 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 11251 | ND4 | 0.03 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 11719 | ND4 | 0.02 | H | -175.9 | -323.6, -28.3 | 0.03 |
| 12612 | ND5 | 0.02 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 13708 | ND5 | 0.07 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 16069 | CR | 0.02 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 16145 | CR | 0.04 | H | 254.6 | 14.7, 494.6 | 0.05 |
| 16519 | CR | 0.35 | NHW | -48.36 | -91.9, -4.8 | 0.03 |
| CI= confidence interval; CR= control region; H= Hispanic; MAF= minor allele frequency; NHW= non-Hispanic white; NHB= non-Hispanic black; OR= odds ratio. See figure legend for gene/region abbreviation listing.Models adjusted for age, baseline viral load, baseline CD4 cell count, and baseline ratio of naïve-to-memory CD4 cell count. |