Figure 3: Cellular responses to wildtype-MSP1\textsubscript{19} antigen and the two mutants with four amino acid substitutions.

27+31+34+43 and 15+27+31+43 MSP1\textsubscript{19} variants in 5 individuals with different ages and malaria exposures. The stimulation index (SI) for the mutant 27+31+34+43 (dotted boxes) and 15+27+31+43 (shaded box) were significantly higher than the SI of the wildtype-MSP1\textsubscript{19} antigen (clear boxes) and it increased with age.