



Supplementary figure S2: IL-2 and Perforin Upregulating CD8+ T cells Bear Different Memory Phenotypes. *Top row:* EBV peptide 19 specific response by Subject V. The dot plot on the left illustrates the distribution of all functional cells (blue dots), irrespective of function, among the entire CD8+ T cell population (black density plots), separated according to CD27 and CD45RO, whereas the blue dots in the right panel signify only IL-2 producing cells. *Middle row:* CMV peptide 21 specific response by Subject E. Left overlay dot plot shows all responding CD8+ T cells (red dots) whereas the right plot displays only perforin-upregulating cells (red dots). *Bottom row:* CMV peptide 21 specific response by Subject C. Left overlay dot plot illustrates the distribution of all responding CD8+ T cells (red dots) across the entire CD8+ T cell population (grey density plots), separated according to CD27 and CD45RO. The right plot displays both the IL-2 producing (blue dots) and perforin-upregulating (red dots) cells. The dots were enlarged to facilitate visual identification and discrimination.

