CLAIMS

What is claimed is:

1. A composition comprising an ex vivo expanded, donor- derived, polyclonal population of CD**4**+ and CD**8**+ virus- specific human T cells (VSTs) reactive against multiple immunodominant antigens from two or more respiratory viruses, wherein the viruses comprise human metapneumovirus (hMPV) and human parainfluenza virus type 3 (PIV3), wherein the multiple immunodominant antigens from hMPV are fusion (F), nucleoprotein (N), M2-l protein (M2-1), and matrix protein (M), and wherein the multiple immunodominant antigens from PIV3 comprise matrix protein (M), hemagglutinin-neuraminidase (HN), and nucleoprotein (N).

2. A composition comprising an ex vivo expanded, donor- derived, polyclonal population of CD**4**+ and CD**8**+ virus specific human T cells (VSTs) reactive against multiple immunodominant antigens from two or more respiratory viruses, wherein the viruses comprise hMPV and human PIV3, wherein the VSTs comprise T cells reactive to one or more libraries of peptides comprising peptides that overlap in sequence to span part or all of the multiple immunodominant antigens from hMPV and PIV3, wherein the multiple immunogenic antigens from hMPV are F, N, M2-l, and M, and wherein the multiple immunogenic antigens from PIV3 comprise M, HN, and N.

3. The composition of claim **2**, wherein the peptides are at least 7 amino acids in length.

4. The composition of claim **3**, wherein the peptides overlap by at least 3 amino acids.

5. The composition of claim **2**, wherein the peptides are each 15 amino acids in length and overlap by 11 amino acids.

6. The composition of claim **2**, wherein the peptides span the entire length of each of the multiple antigens.