**Figure 6 Schematic overview of the strategy used for construction of antigen specific phage library**

1. **Infected HIV-1 Patient**
   - PBMCs
   - EBV Transformation

2. **96 well stage**
   - Positive wells expanded
   - 24 well stage
   - Pooled and transferred to culture flasks
   - Flask stage

3. **Total RNA isolation**

4. **cDNA synthesis**

5. **Amplification of VH and VL genes**

6. **scFv construction**
   - SfiI
   - Linker
   - NotI

7. **Cloning into pCANTAB-5E vector**