Karen,

Shown below is a description of the column headers for the spreadsheet labeled “Coriell\_Sample\_List\_072919.xls”. The column labeled “Expansion” designates the individual expansions stored at Coriell. The “0” expansion is the original line whereas the “A”, “B”, etc. expansions are generally expansions from the original line. The column labeled "From Expansion" indicates where the current expansion was derived. For example, on the 1000 Genomes tab of the spreadsheet, HG00096 Expansion A is an expansion from Expansion 0/the original line.

A full set of column descriptors is shown below:

**Ref**: Unique Coriell Reference ID for each cell line

**Expansion**: Expansion designator for the cell line available

**FromRef**: Coriell Reference ID that this cell line is derived from (in this case, it is the same as Ref)

**FromExpansion**: Indicates where the current expansion was derived from

**SampleDesc**: Sample Description as found on the Coriell Catalog

**Freeze** **Passage**: Passage number that this line was frozen at

**Family\_Number**: Designator linking family members

**Family\_Member\_Number**: Designator indicating relationship within a family