**Supplemental file 9: The plot of *K* vs *ΔK*: determination of optimum number of clusters in Cosmopolitan (C) genotype of DENV-2. . ‘**K’ represents thenumber of clusters. *‘ΔK’* is the rate of change of posterior probability of the data given *K*. The plot is derived to determine optimum number of clustersin Cosmopolitan (C)genotype (comprise of 84 strains) of DENV-2. The peak of ΔK is obtained at K=4, clearly indicates presence of four sub-clusters in cosmopolitan genotype.

