**Supplemental file 10: The plot of *K* vs *ΔK*: determination of optimum number of clusters in sylvatic (S) 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 sylvatic genotype (comprise of 16 strains) of DENV-2. The major peak of ΔK is obtained at K=2, supports presence of two lineages in sylvatic genotype.

