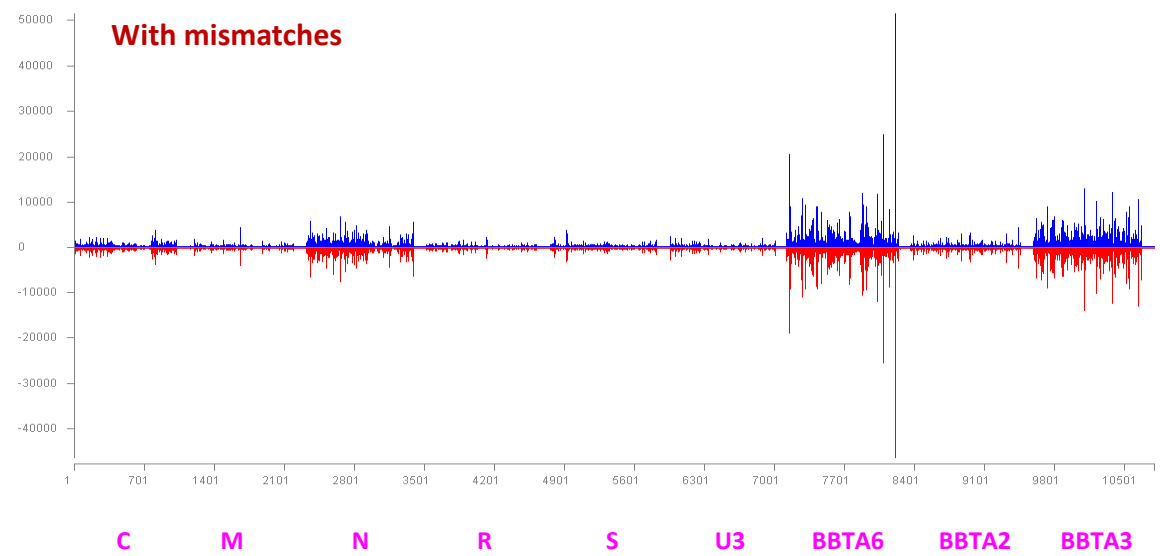
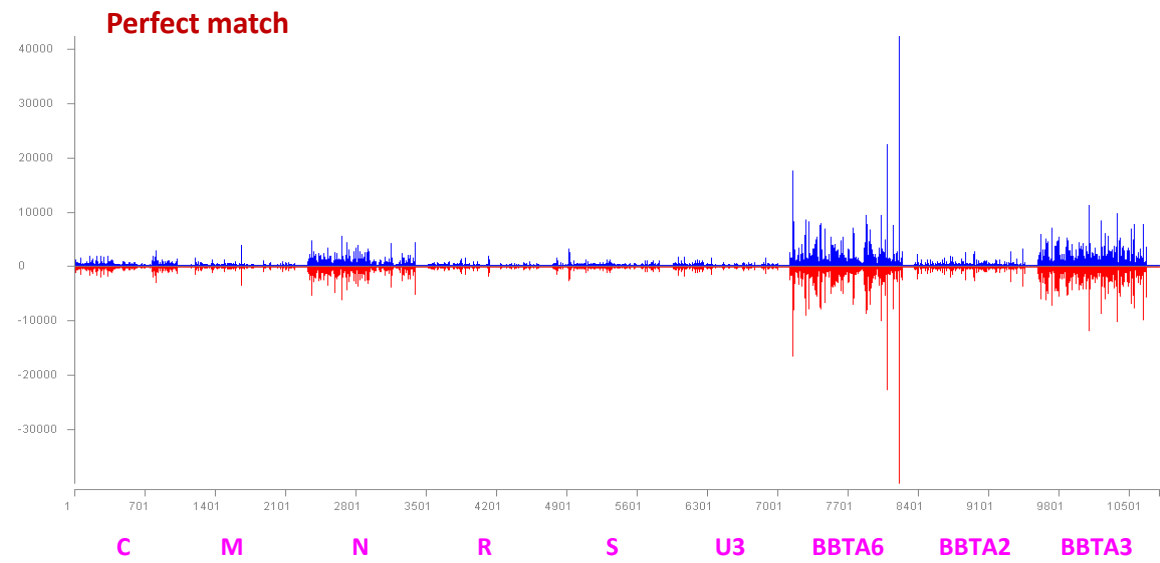


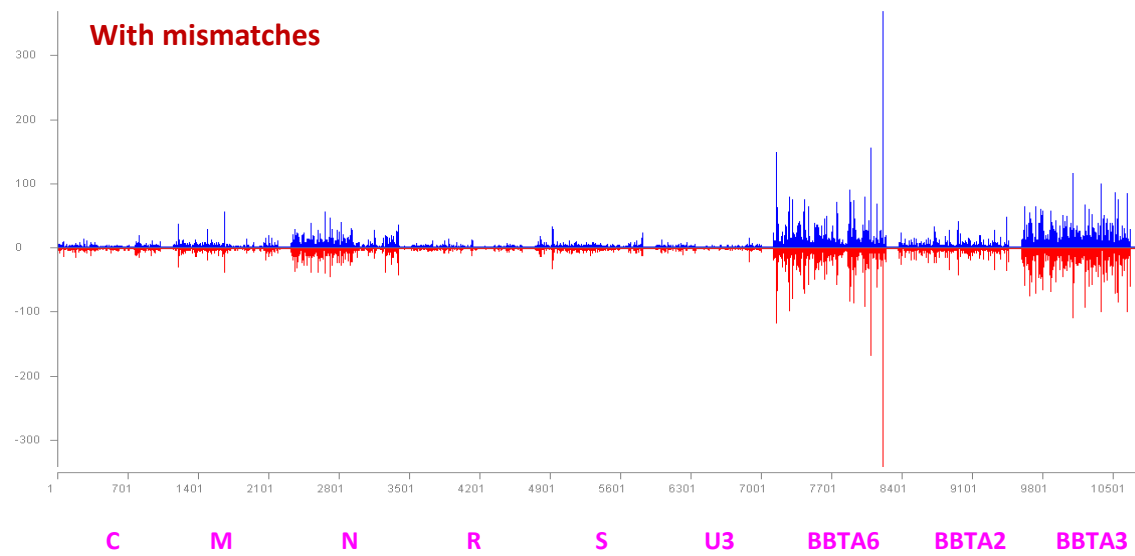
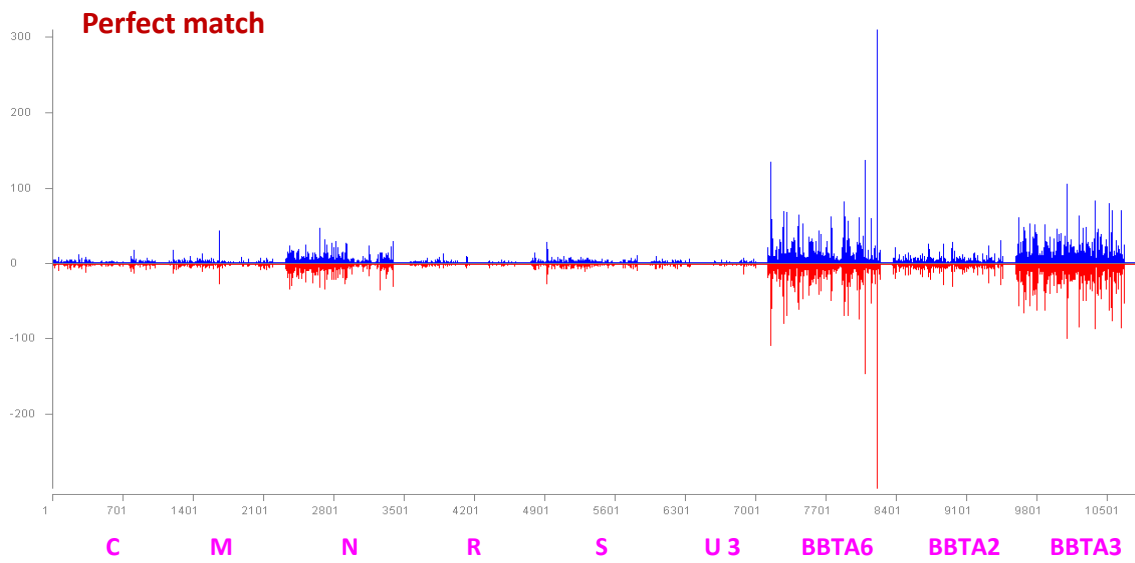
**Figure S3. Maps of Illumina sequencing reads of viral DNA enriched by rolling circle amplification of total DNA from BBTV- and alphasatellite-infected banana and their neighbor non-banana plants.** The Illumina 125 nt paired-end reads were mapped without or with mismatches on the concatenated reference sequences of BBTV genome components (C, M, N, R, S, U3), alphasatellites (BBTA2, BBTA3, BBTA5, BBTA6) and their defective (d) derivatives (d-BBTA2, d-BBTA5, d-R) identified and reconstructed from each plant sample (ALYU) and the mapped reads were visualized using MISIS-2 [17]. In each panel, histograms plot the numbers of viral 125 nt forward and reverse reads at each nucleotide position of the concatenated virome genome: blue bars above the axis represent forward reads ending at each respective position red bars below the axis represent reverse reads ending at each respective position. **(A)** Musa (ALYU-26) vs Commelina (ALYU-27). **(B)** Musa (ALYU-26) vs Ipomoea (ALYU-28). **(C)** Musa (ALYU-29) vs Phyllanthus (ALYU-30). **(D)** Musa (ALYU-29) vs Arachis (ALYU-31). **(E)** Musa (ALYU-37) vs Bidens (ALYU-38). **(F)** Musa (ALYU-42) vs Chromolaena (ALYU-41). **(G)** Musa (ALYU-43) vs Chromolaena (ALYU-41). **(H)** Musa (ALYU-46) vs Musa (ALYU-52).

A

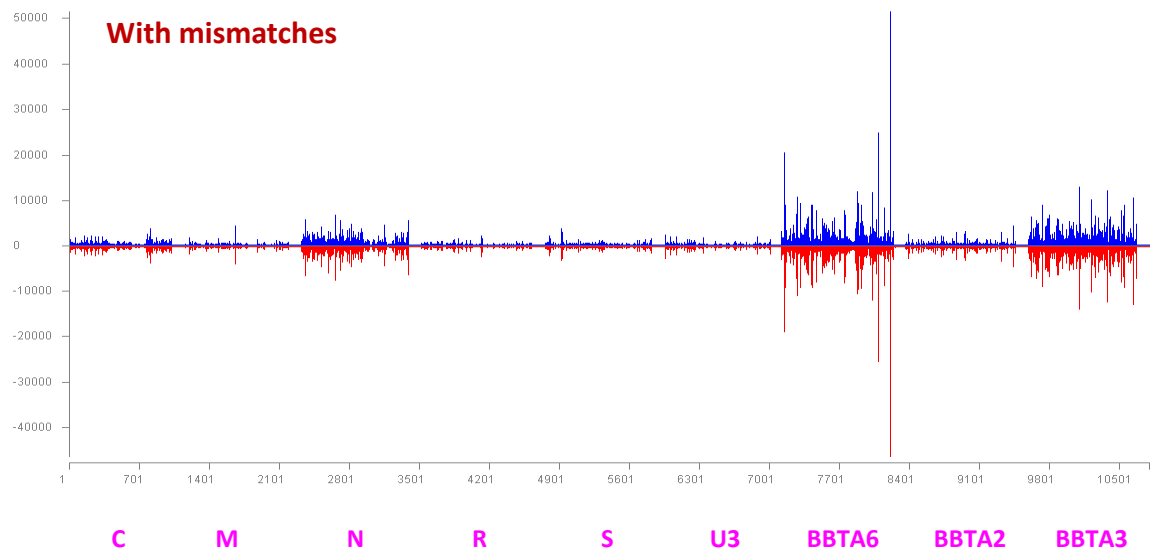
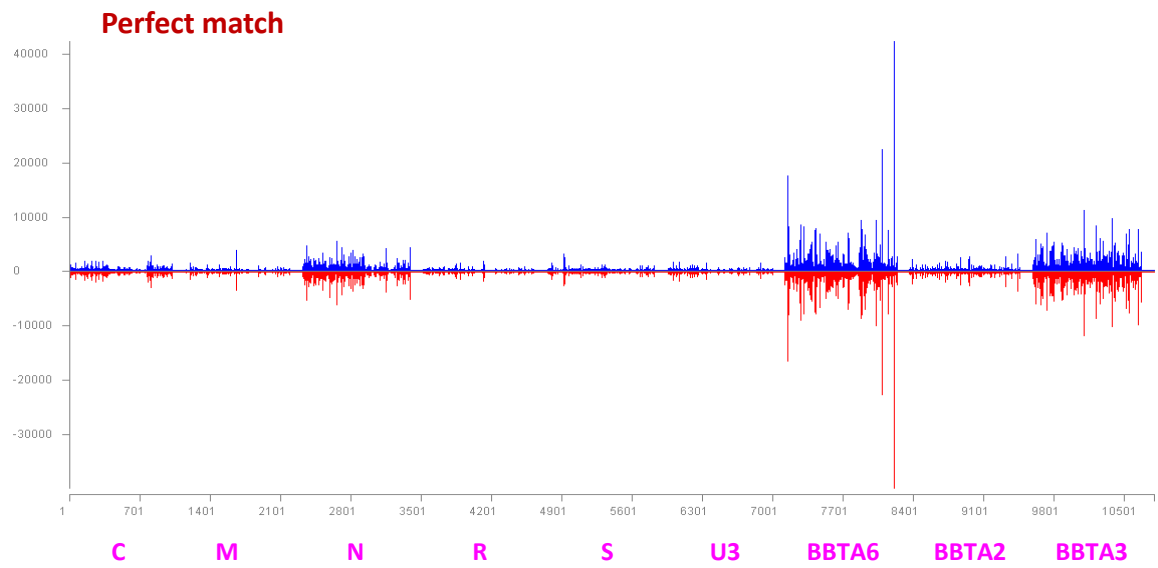
*Musa sp.*\_ALYU-26



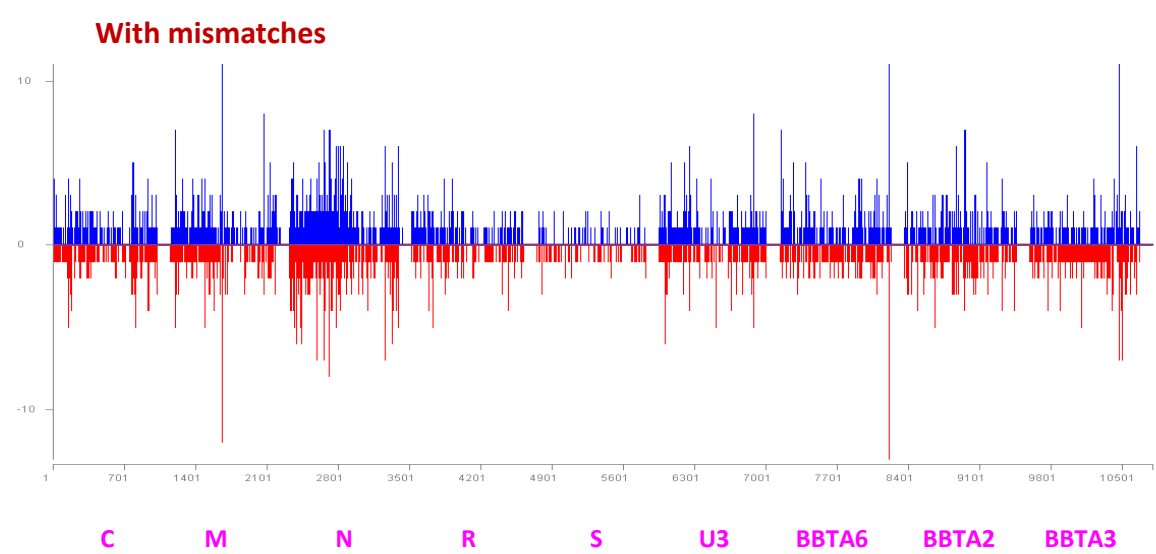
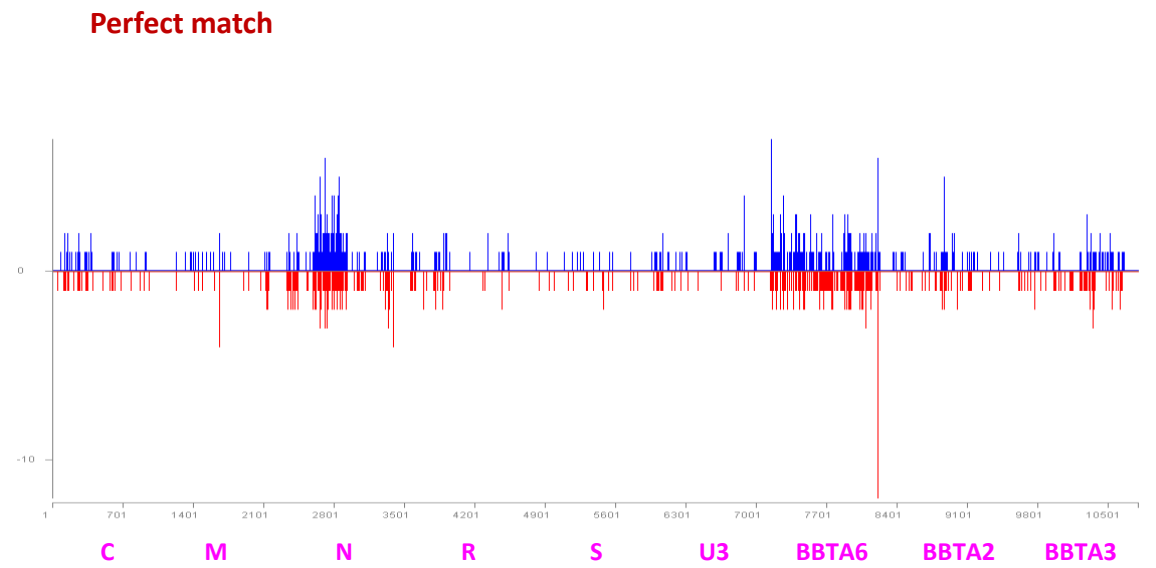
*Commelina sp.*\_ALYU-27



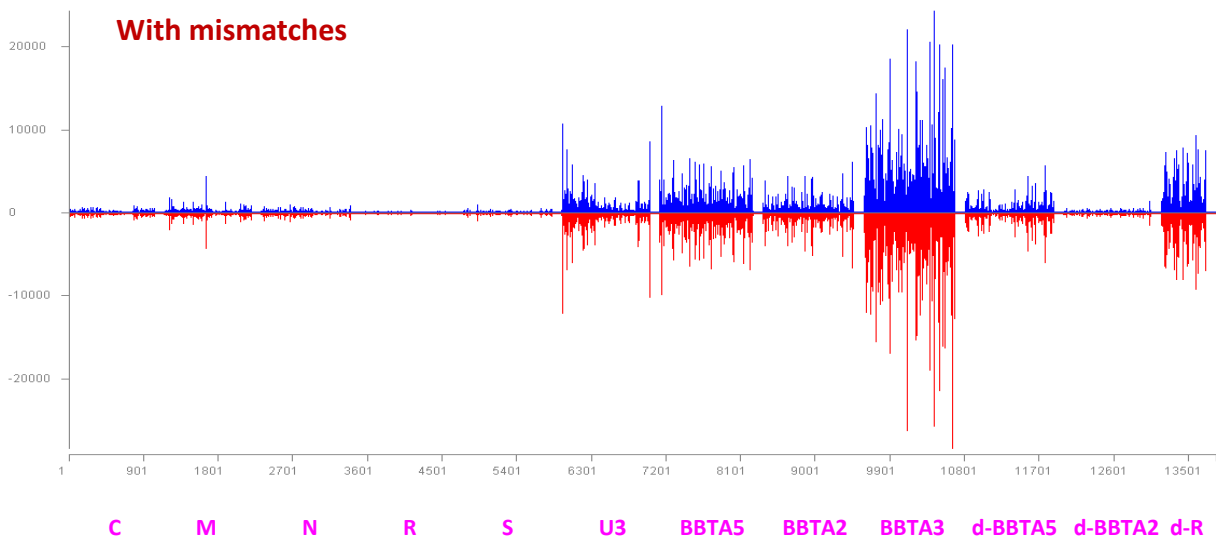
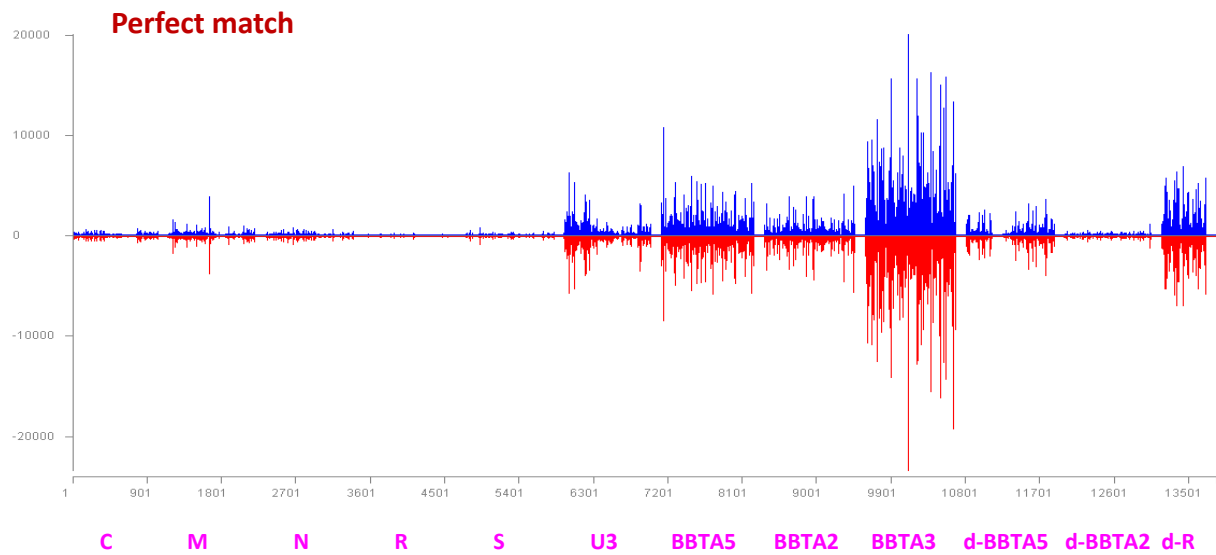
**B** *Musa sp*\_ALYU-26



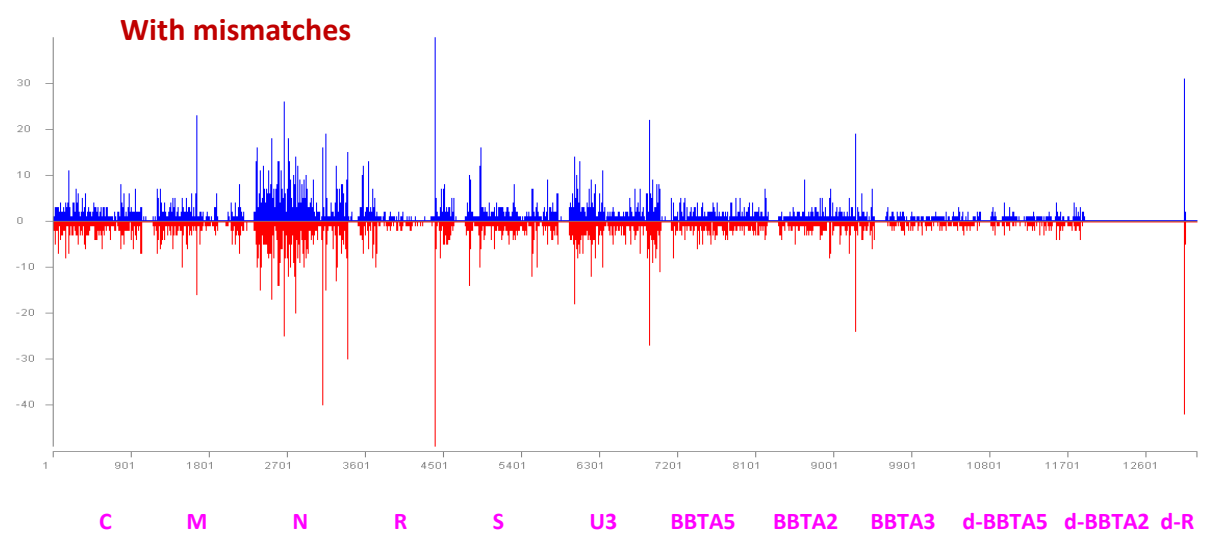
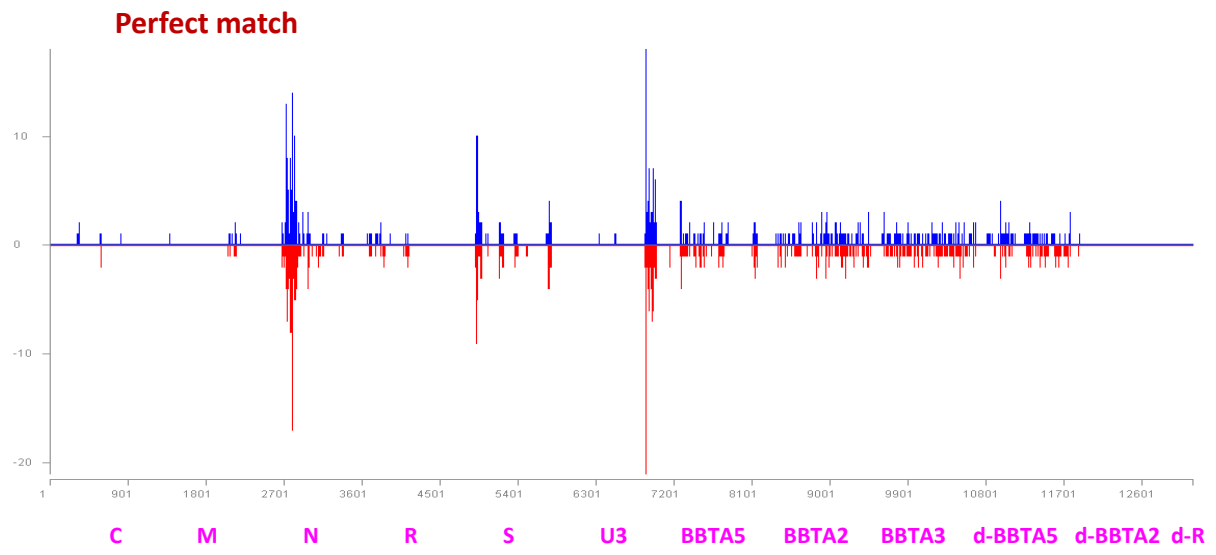
*Ipomoea aquatica*\_ALYU-28



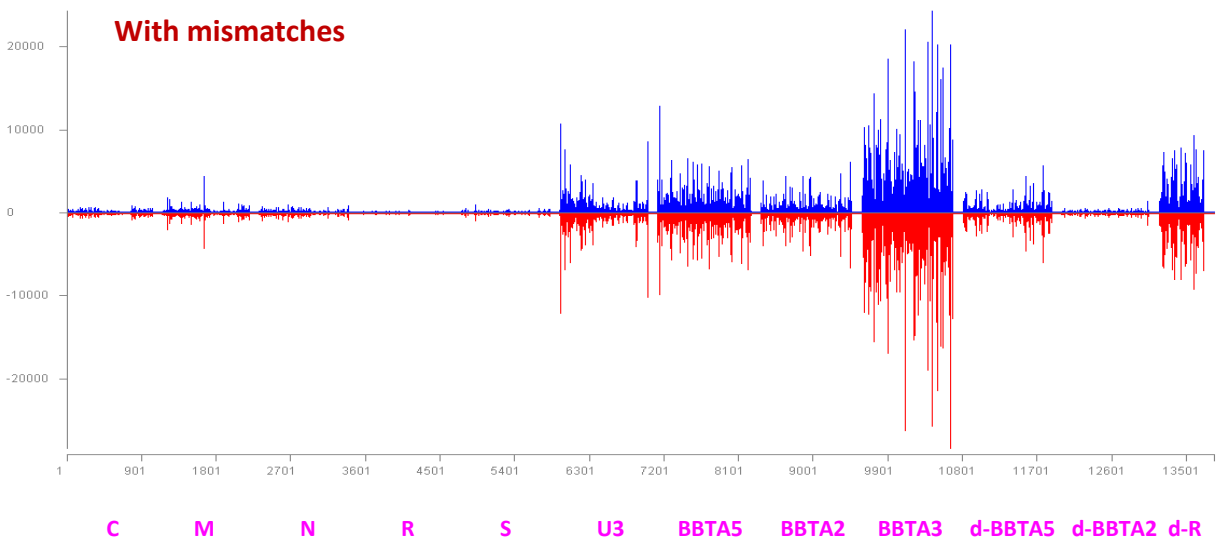
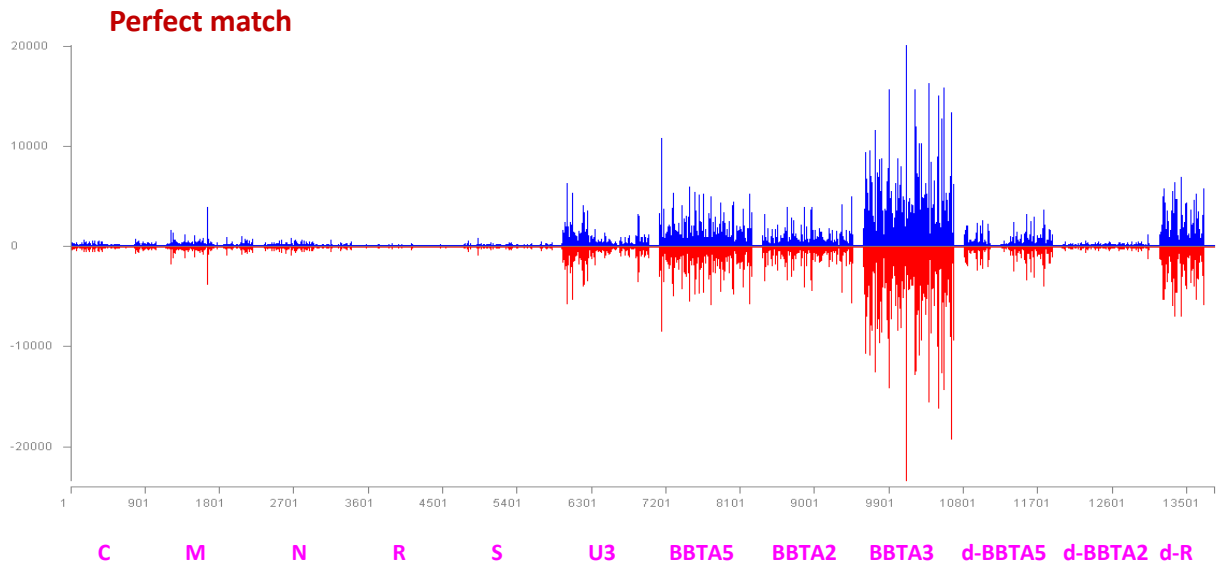
C *Musa* AA Pisang mas\_ALYU-29



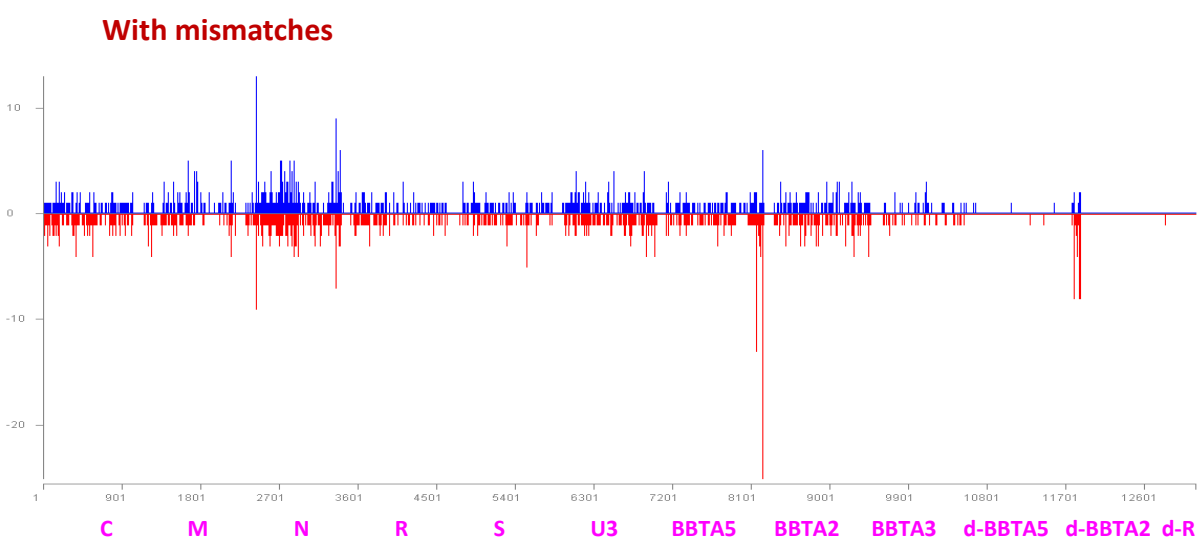
*Phyllanthus* sp.\_ALYU-30



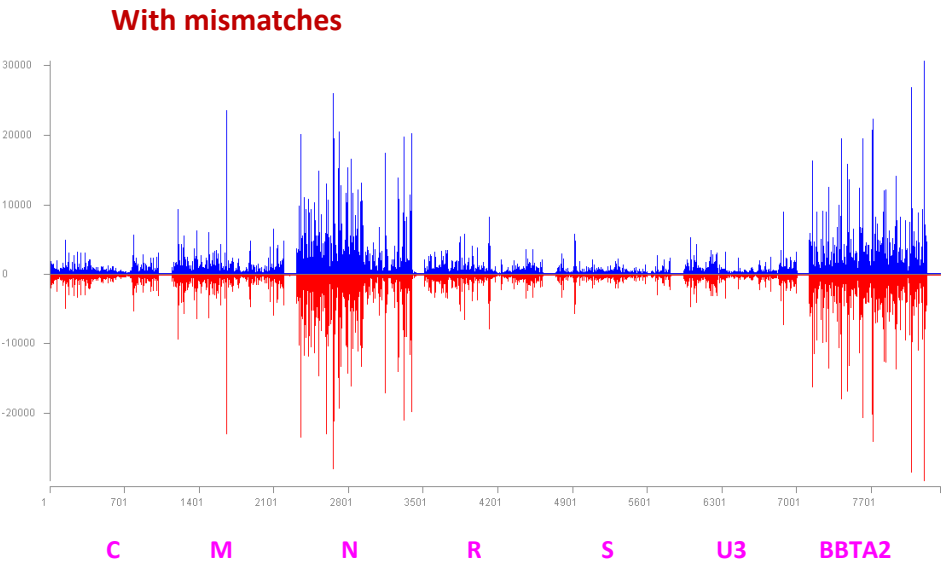
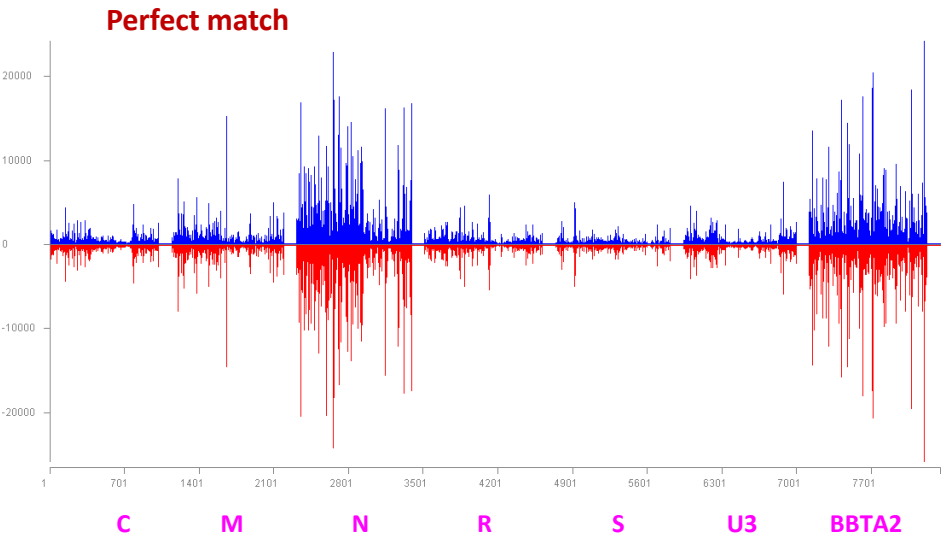
D *Musa AA Pisang mas*\_ALYU-29



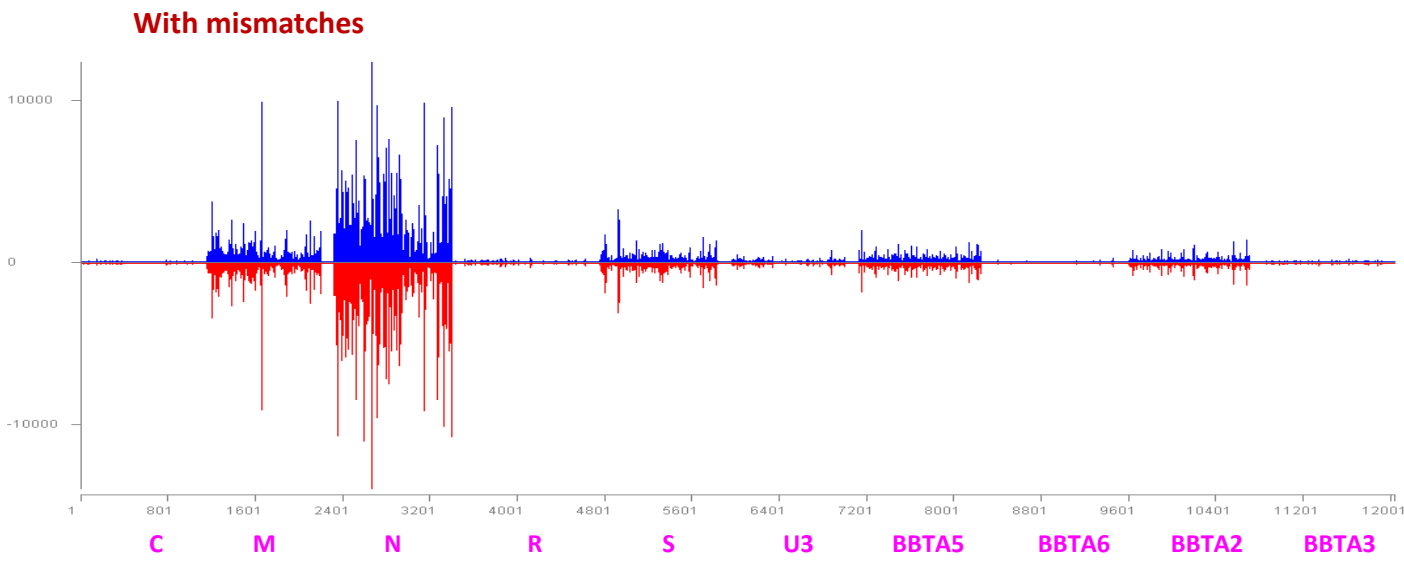
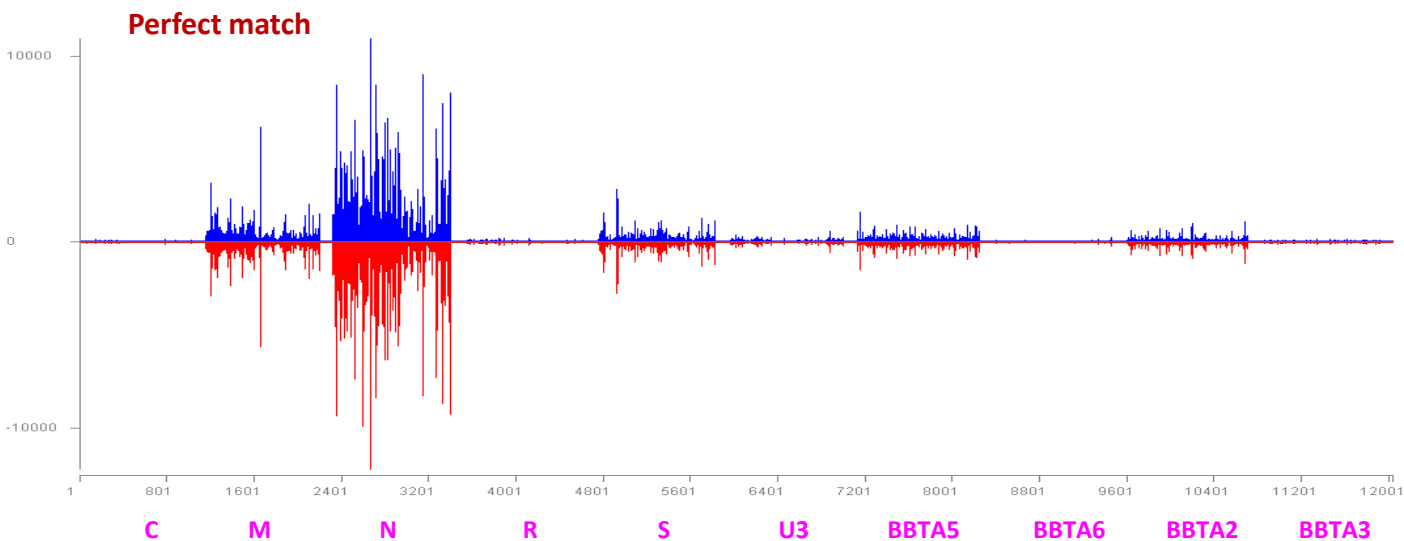
*Arachis hypogaea*\_ALYU-31



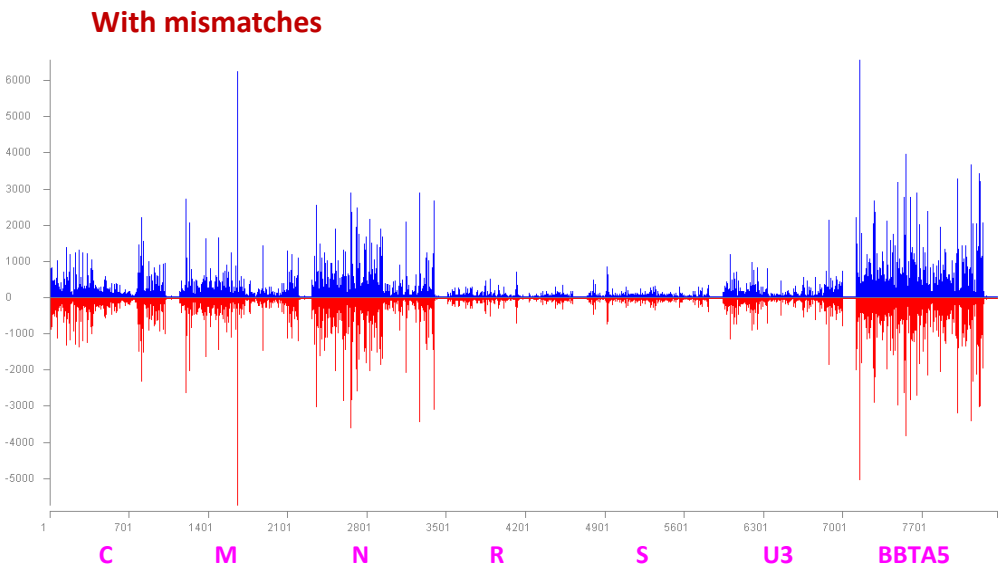
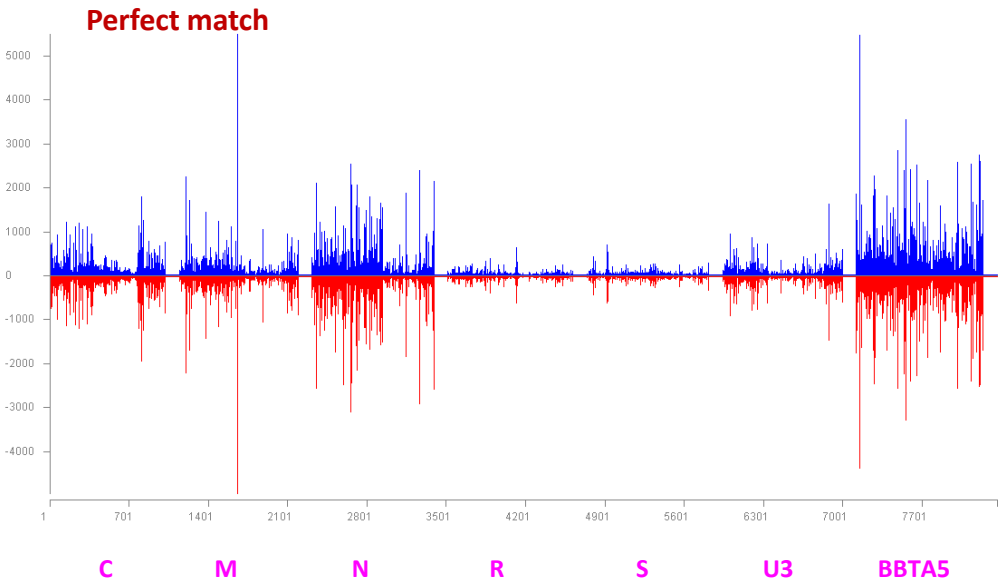
E *Musa sp.*\_ALYU-37



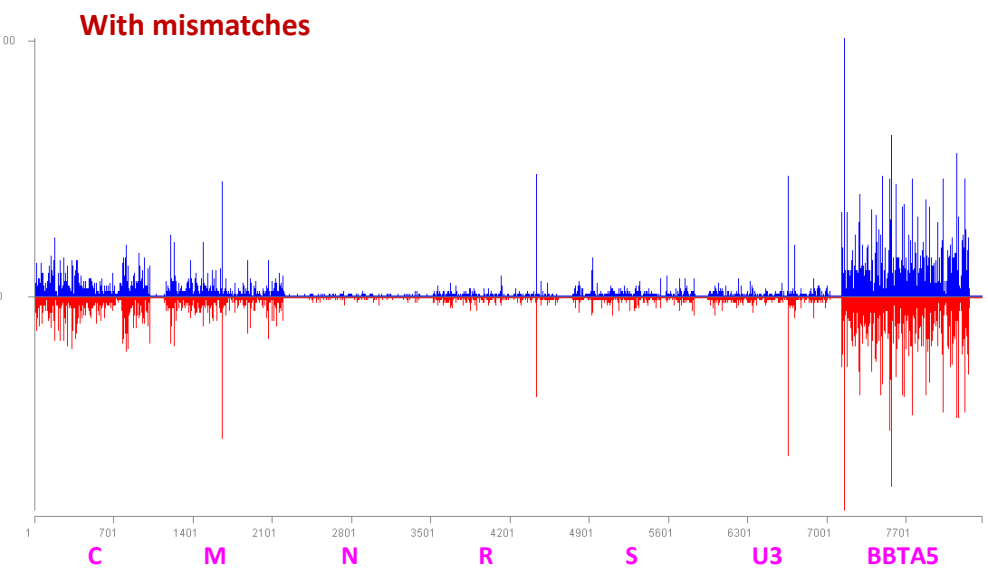
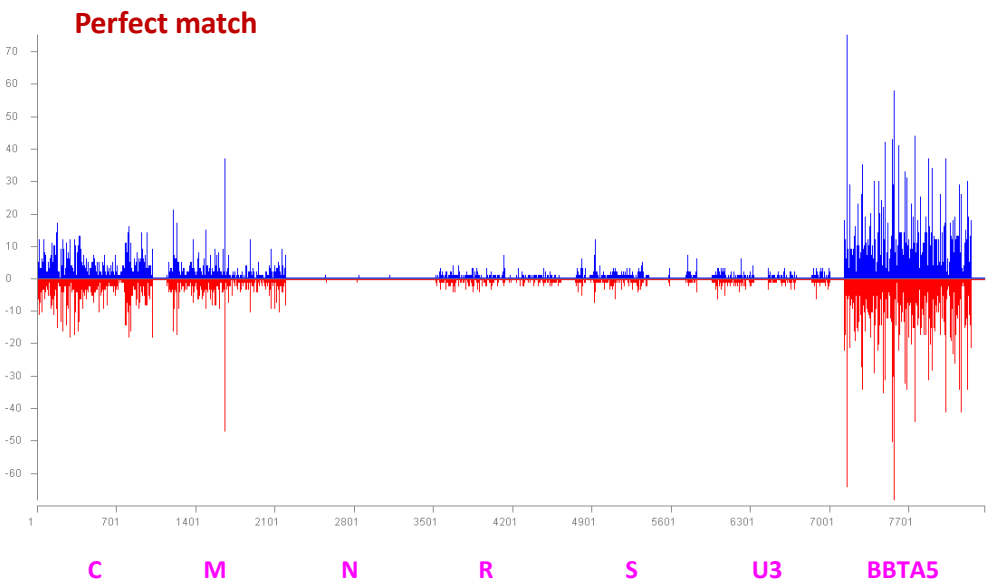
*Bidens pilosa*\_ALYU-38



F *Musa acuminata* Cavendish\_ALYU-42

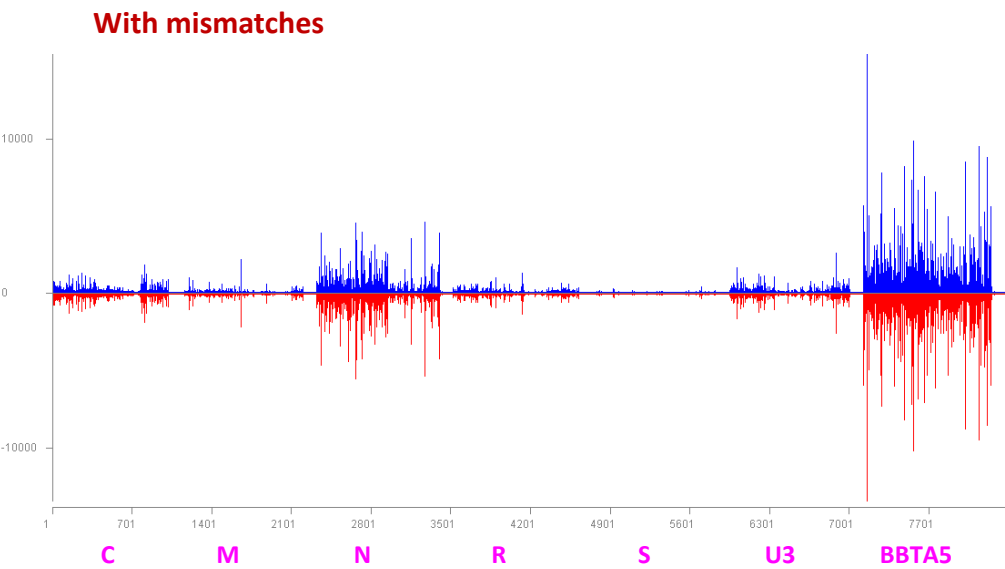
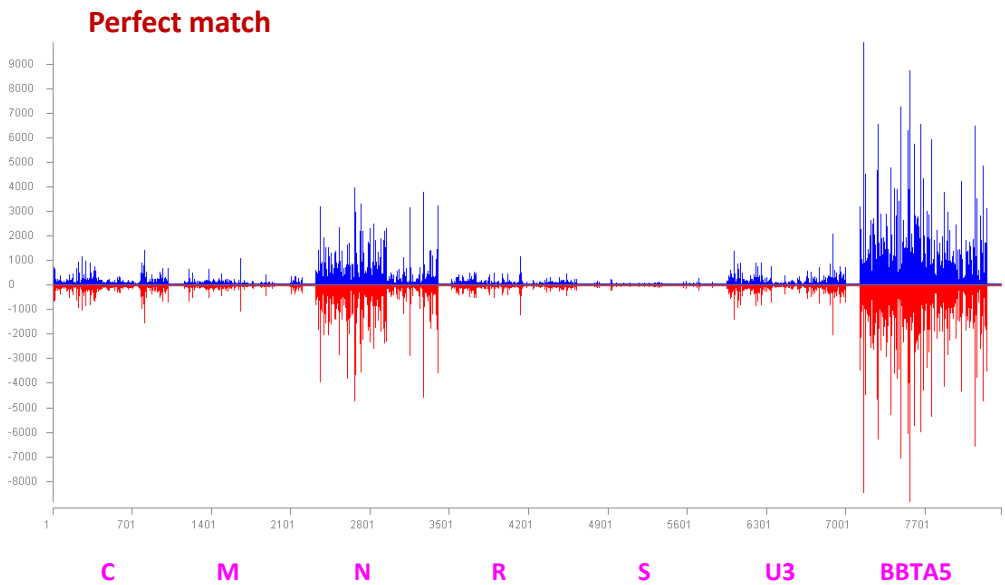


*Chromolaena odorata*\_ALYU-41

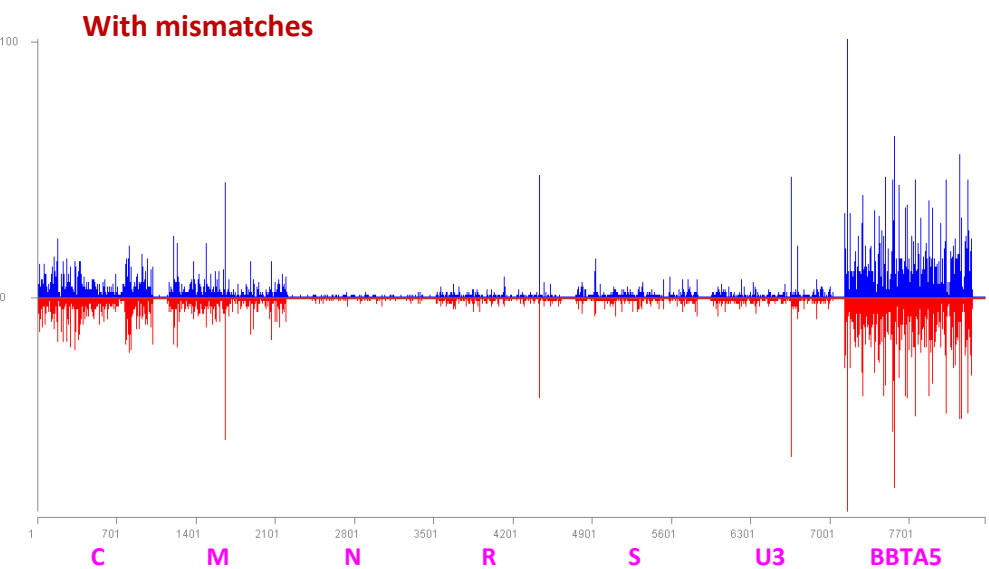
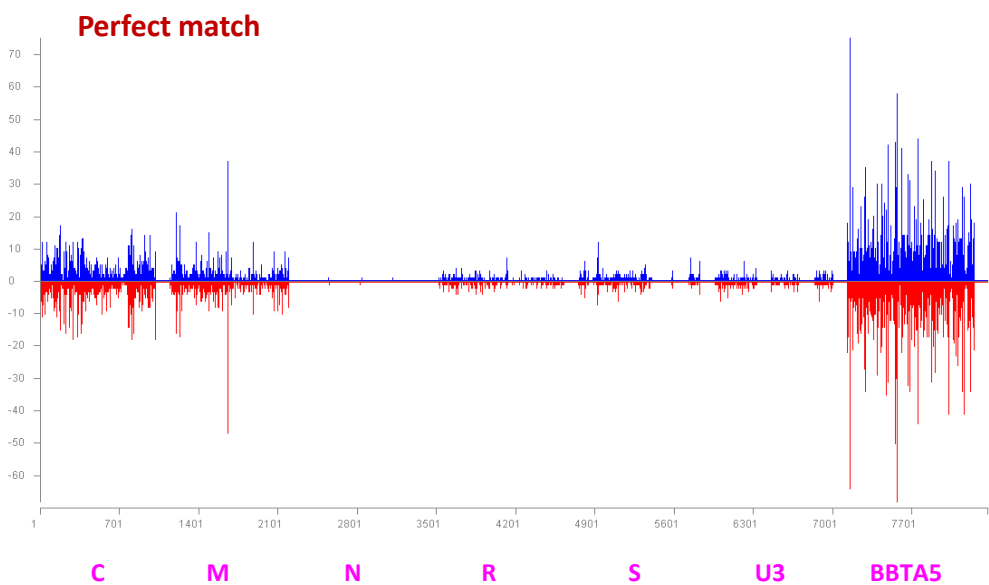


G

*Musa acuminata* Cavendish\_ALYU-43



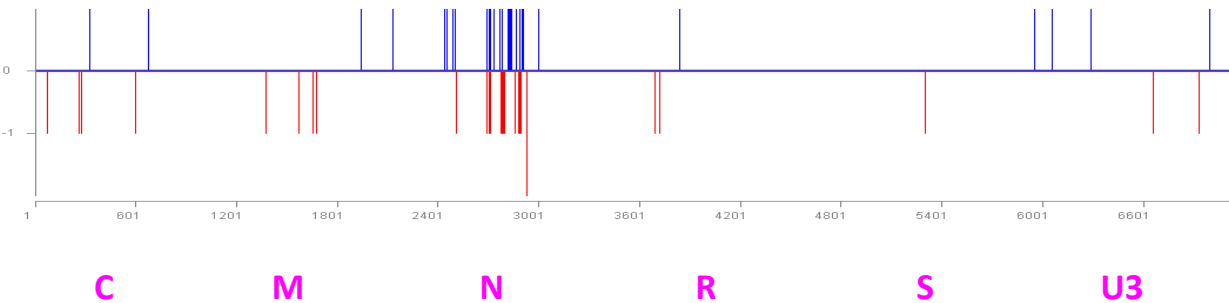
*Chromolaena odorata*\_ALYU-41



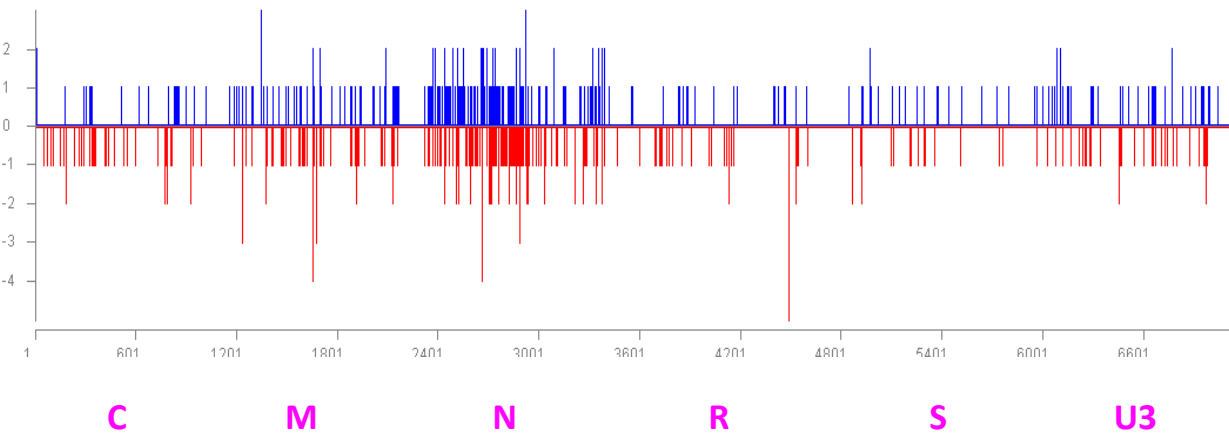


H *Musa ABB Klue Tiparot\_*ALYU-46

Perfect match

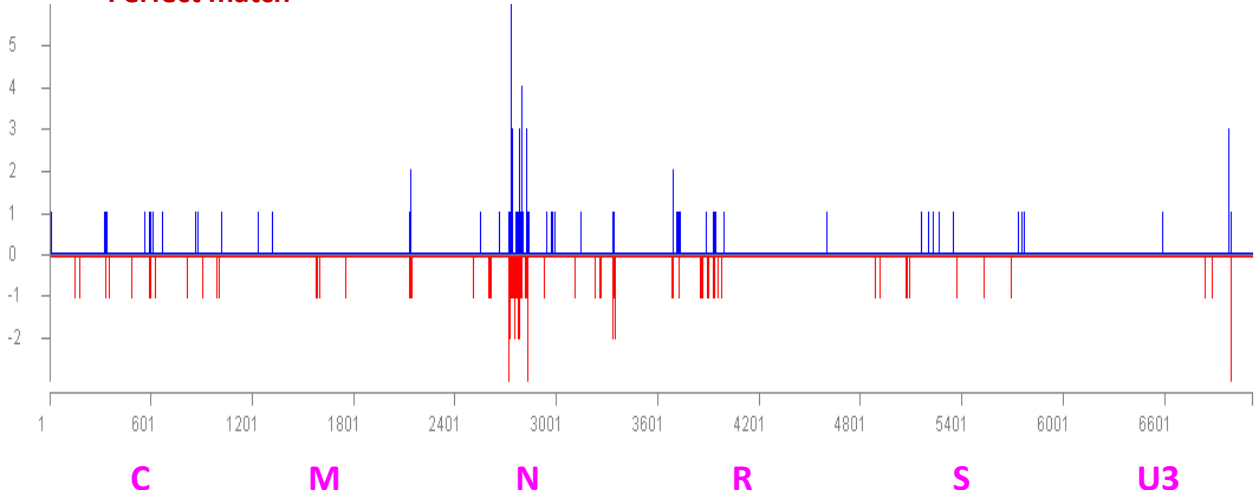


With mismatches



*Musa acuminata wild\_*ALYU-52

Perfect match



With mismatches

