

#### **4 types of Analysis done using Partek Genomic Suite**

- Accession Analysis: Averages signals from all probes per organism (accession).
- Specific Probe Analysis: Signal from individual probes that are specific for one particular organism.
- Conserved Probe Analysis: Signal from individual probes targeting conserved sequences shared by two or more organisms in a family
- MAT Analysis: Detection score derived from multiple adjacent probes that are covered per sliding window. A composite score (MAT Score) is derived from the sliding windows that detects a region with multiple positive probes (test – reference)