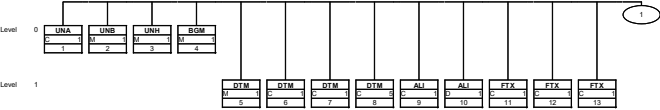
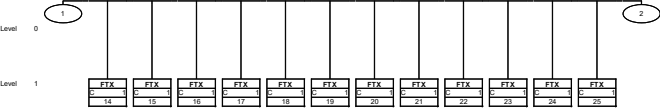


Branching diagram

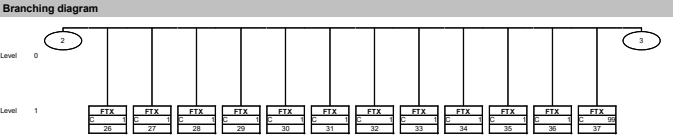


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Branching diagram

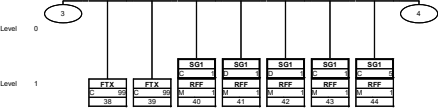


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Branching diagram



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Level 0



Level 2

Level 3

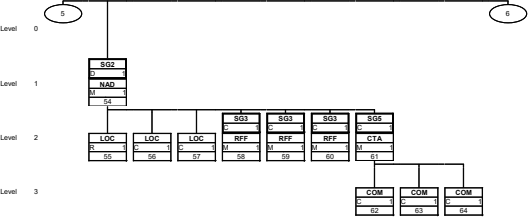
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27.11.2020

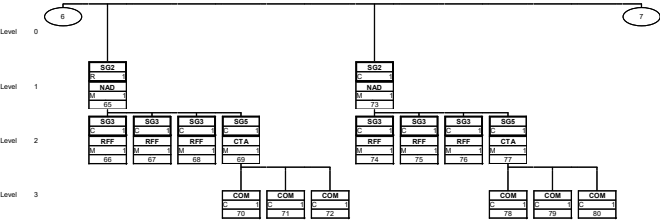
Page 5

Branching diagram



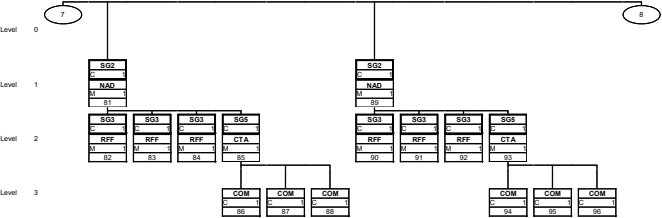
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Branching diagram



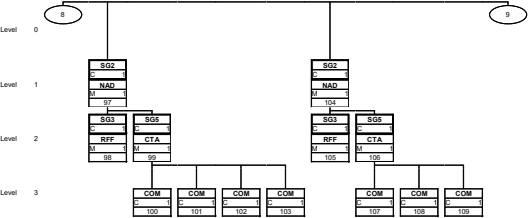
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Branching diagram



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Branching diagram



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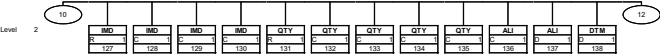
Figure 1 illustrates a hierarchical tree diagram showing the classification of 11 samples (labeled 9, 10, 11) based on gene expression data. The tree structure is as follows:

- Level 0:** Root node splits into two main branches: **9** (left) and **11** (right).
- Level 1:**
 - Branch **9** splits into **S02**, **NAD**, and **S05**.
 - Branch **10** splits into **S03**, **S04**, and **S06**.
 - Branch **11** splits into **S07**, **S08**, and **S09**.
- Level 2:**
 - Node **S02** splits into **NAD** and **S05**.
 - Node **S03** splits into **NPF** and **CTA**.
 - Node **S04** splits into **NPF** and **CTA**.
 - Node **S05** splits into **NPF** and **CTA**.
 - Node **S06** splits into **NPF** and **CTA**.
 - Node **S07** splits into **S08** and **S09**.
 - Node **S08** splits into **S09** and **S10**.
 - Node **S09** splits into **S10** and **S11**.
- Level 3:**
 - Node **S02** splits into **COM** and **COM**.
 - Node **S03** splits into **COM** and **COM**.
 - Node **S04** splits into **COM** and **COM**.
 - Node **S05** splits into **COM** and **COM**.
 - Node **S06** splits into **COM** and **COM**.
 - Node **S07** splits into **S08** and **S09**.
 - Node **S08** splits into **S09** and **S10**.
 - Node **S09** splits into **S10** and **S11**.

The diagram shows the hierarchical relationship between the samples and the genes (NAD, NPF, CTA, COM) used for classification. The samples are numbered 9, 10, and 11, and the genes are labeled S02, S03, S04, S05, S06, S07, S08, S09, S10, and S11.

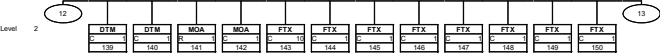
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Branching diagram



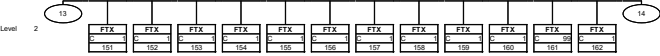
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Branching diagram



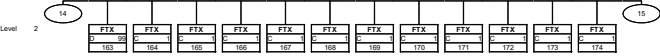
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Branching diagram

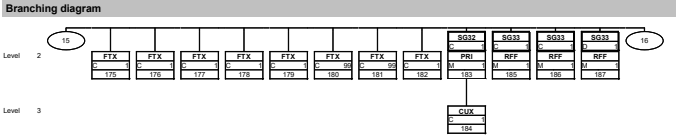


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Branching diagram

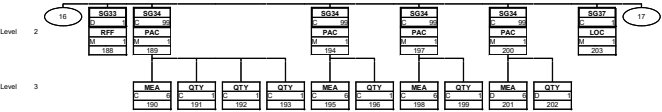


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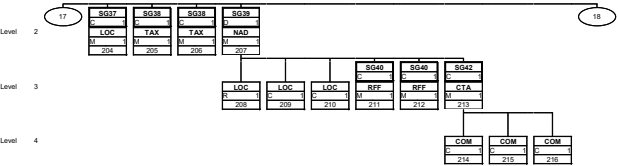
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Branching diagram



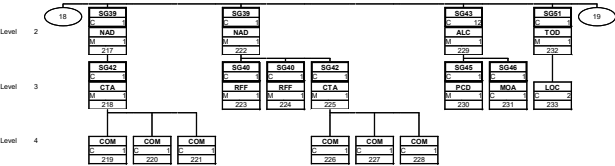
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Branching diagram



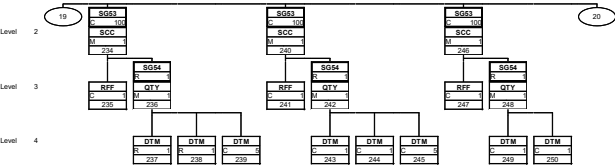
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Branching diagram



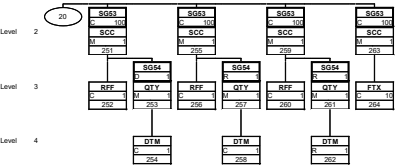
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Branching diagram



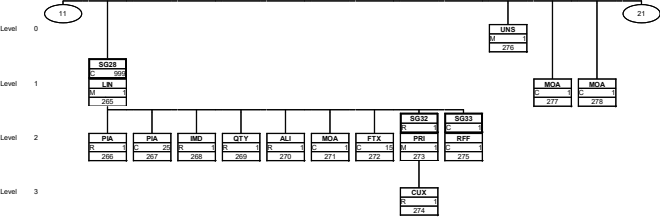
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Branching diagram



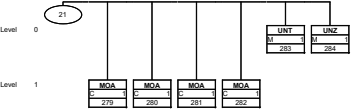
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