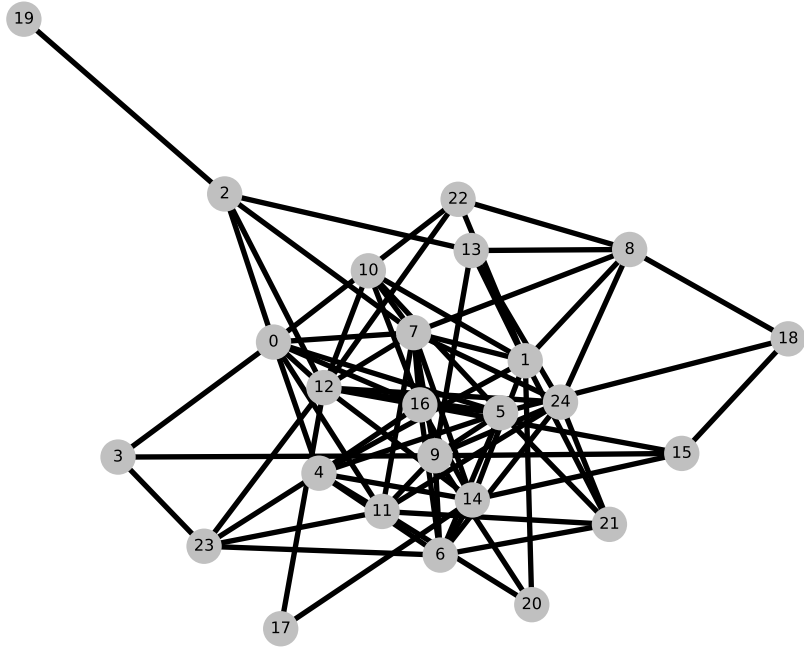
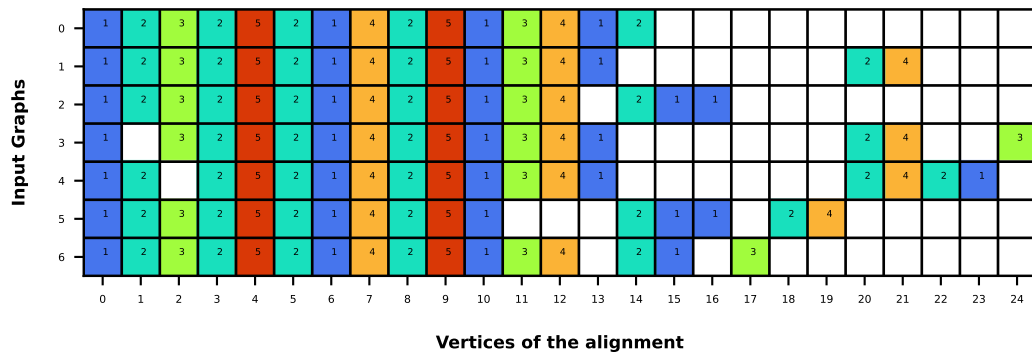


The graph consists of 25 nodes, labeled 0 through 24. Node 19 is at the top left, connected to node 2. Node 2 is connected to nodes 0, 3, 4, 6, 7, 10, 12, 16, 17, 22, 23, and 24. The remaining nodes (0, 3, 4, 6, 7, 10, 12, 16, 17, 22, 23, 24) form a dense, interconnected cluster. Node 18 is connected to nodes 8, 15, and 22. Node 8 is connected to nodes 1, 13, 15, and 22. Node 15 is connected to nodes 1, 5, 9, 14, 20, 21, and 24. Node 1 is connected to nodes 5, 7, 13, 16, 22, and 24. Node 5 is connected to nodes 9, 14, 20, 21, and 24. Node 9 is connected to nodes 14, 20, 21, and 24. Node 14 is connected to nodes 20, 21, and 24. Node 20 is connected to nodes 21 and 24. Node 21 is connected to node 24. Node 24 is connected to nodes 1, 5, 9, 14, 20, 21, and 15. Node 16 is connected to nodes 0, 4, 7, 10, 12, 17, and 23. Node 10 is connected to nodes 0, 7, 12, 16, and 23. Node 7 is connected to nodes 0, 10, 12, 16, and 23. Node 12 is connected to nodes 0, 7, 10, 16, and 23. Node 4 is connected to nodes 0, 16, 17, and 23. Node 17 is connected to nodes 4, 16, and 23. Node 23 is connected to nodes 0, 4, 16, 17, and 24. Node 6 is connected to nodes 2, 11, 14, 20, and 21. Node 11 is connected to nodes 6, 14, 20, and 21. Node 14 is connected to nodes 6, 11, 20, and 21. Node 20 is connected to nodes 6, 14, 21, and 24. Node 21 is connected to nodes 6, 14, 20, and 24.



### Matrix Representation of the Alignment



## Color code of vertex labels

- 1: (vPrimalLabel, vC)
- 2: (vPrimalLabel, vB)
- 3: (vPrimalLabel, vE)
- 4: (vPrimalLabel, vA)
- 5: (vPrimalLabel, vD)