
StructAnalyzer – a tool for sequence *versus* structure similarity analysis

Jakub Wiedemann^{1*} and Maciej Miłostan^{1,2*✉}

¹Institute of Computing Science, Poznan University of Technology, Poznań, Poland; ²Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poznań, Poland

In the world of RNAs and proteins, similarities at the level of primary structures of two comparable molecules usually correspond to structural similarities at the tertiary level. In other words, measures of sequence and structure similarities are in general correlated – a high value of sequence similarity imposes a high value of structural similarity. However, important exceptions that stay in contrast to this general rule can be identified. It is possible to find similar structures with very different sequences, as well as similar sequences with very different structures. In this paper, we focus our attention on the latter case and propose a tool, called StructAnalyzer, supporting analysis of relations between the sequence and structure similarities. Recognition of tertiary structure diversity of molecules with very similar primary structures may be the key for better understanding of mechanisms influencing folding of RNAs or proteins, and as a result for better understanding of their function. StructAnalyzer allows exploration and visualization of structural diversity in relation to sequence similarity. We show how this tool can be used to screen RNA structures in Protein Data Bank (PDB) for sequences with structural variants.

Key words: sequence similarity, structural similarity, RNA

Received: 30 May, 2016; **revised:** 28 June, 2016; **accepted:** 19 July, 2016; **available on-line:** 02 November, 2016

✉ e-mail: Maciej.Milostan@cs.put.poznan.pl

*Contributed equally to this work

Abbreviations: PDB, Protein Data Bank

Tables contains obtained subgraphs:

Table 1 consists of sequences with 100 sequence similarity.

Table 2 consists of sequences with similarity above 90% but less than 100%.

Every subgraph is represented as list of edges (column 1 and 2 stand for nodes) with value of sequence similarity (column 3)

Table 1

subgraph 0 has 6 nodes		
4LVZ:A	4LW0:A	1.0
4LVZ:A	4LVW:A	1.0
4LVZ:A	4LVX:A	1.0
4LVZ:A	4LVV:A	1.0
4LVZ:A	4LVY:A	1.0
4LVV:A	4LW0:A	1.0
4LVV:A	4LVX:A	1.0
4LVV:A	4LVY:A	1.0
4LVV:A	4LVW:A	1.0
4LVX:A	4LW0:A	1.0
4LVX:A	4LVY:A	1.0
4LVX:A	4LVW:A	1.0
4LW0:A	4LVW:A	1.0
4LW0:A	4LVY:A	1.0
4LVY:A	4LVW:A	1.0
subgraph 1 has 12 nodes		
2PWT:B	2PWT:A	1.0
2PWT:B	2F4S:B	1.0
2PWT:B	3S4P:A	1.0
2PWT:B	2F4T:A	1.0
2PWT:B	2F4S:A	1.0
2PWT:B	2F4U:A	1.0
2PWT:B	4F8V:A	1.0
2PWT:B	4F8V:B	1.0
2PWT:B	2F4U:B	1.0
2PWT:B	3S4P:B	1.0
2PWT:B	4F8U:B	1.0
2PWT:A	2F4S:B	1.0
2PWT:A	3S4P:A	1.0
2PWT:A	2F4T:A	1.0
2PWT:A	2F4S:A	1.0
2PWT:A	2F4U:A	1.0
2PWT:A	4F8V:A	1.0

2PWT:A	4F8V:B	1.0
2PWT:A	2F4U:B	1.0
2PWT:A	3S4P:B	1.0
2PWT:A	4F8U:B	1.0
2F4S:B	3S4P:A	1.0
2F4S:B	2F4T:A	1.0
2F4S:B	2F4S:A	1.0
2F4S:B	2F4U:A	1.0
2F4S:B	4F8V:A	1.0
2F4S:B	4F8V:B	1.0
2F4S:B	2F4U:B	1.0
2F4S:B	3S4P:B	1.0
2F4S:B	4F8U:B	1.0
3S4P:A	2F4T:A	1.0
3S4P:A	2F4S:A	1.0
3S4P:A	2F4U:A	1.0
3S4P:A	4F8V:A	1.0
3S4P:A	4F8V:B	1.0
3S4P:A	2F4U:B	1.0
3S4P:A	3S4P:B	1.0
3S4P:A	4F8U:B	1.0
2F4T:A	2F4S:A	1.0
2F4T:A	2F4U:A	1.0
2F4T:A	4F8V:A	1.0
2F4T:A	4F8V:B	1.0
2F4T:A	2F4U:B	1.0
2F4T:A	3S4P:B	1.0
2F4T:A	4F8U:B	1.0
2F4S:A	2F4U:A	1.0
2F4S:A	4F8V:A	1.0
2F4S:A	4F8V:B	1.0
2F4S:A	2F4U:B	1.0
2F4S:A	3S4P:B	1.0
2F4S:A	4F8U:B	1.0
2F4U:A	3S4P:B	1.0
2F4U:A	4F8V:A	1.0
2F4U:A	4F8V:B	1.0
2F4U:A	2F4U:B	1.0
2F4U:A	4F8U:B	1.0
4F8V:A	4F8V:B	1.0
4F8V:A	2F4U:B	1.0

4F8V:A	3S4P:B	1.0
4F8V:A	4F8U:B	1.0
4F8V:B	2F4U:B	1.0
4F8V:B	3S4P:B	1.0
4F8V:B	4F8U:B	1.0
2F4U:B	3S4P:B	1.0
2F4U:B	4F8U:B	1.0
3S4P:B	4F8U:B	1.0
subgraph 2 has 3 nodes		
4F8U:A	3BNL:A	1.0
4F8U:A	3BNL:B	1.0
3BNL:A	3BNL:B	1.0
subgraph 3 has 5 nodes		
1BZ3:A	1BZ2:A	1.0
1BZ3:A	1BZT:A	1.0
1BZ3:A	1FL8:A	1.0
1BZ3:A	1BZU:A	1.0
1BZT:A	1BZ2:A	1.0
1BZT:A	1FL8:A	1.0
1BZT:A	1BZU:A	1.0
1BZ2:A	1FL8:A	1.0
1BZ2:A	1BZU:A	1.0
1FL8:A	1BZU:A	1.0
subgraph 4 has 4 nodes		
3GX3:A	3GX6:A	1.0
3GX3:A	3GX2:A	1.0
3GX3:A	3GX5:A	1.0
3GX6:A	3GX2:A	1.0
3GX6:A	3GX5:A	1.0
3GX2:A	3GX5:A	1.0
subgraph 5 has 3 nodes		
2PN9:A	2OOM:A	1.0
2PN9:A	2JLT:B	1.0
2OOM:A	2JLT:B	1.0
subgraph 6 has 2 nodes		
2PN9:B	2OOM:B	1.0
subgraph 7 has 3 nodes		
1L2X:A	437D:A	1.0
1L2X:A	1L3D:A	1.0
437D:A	1L3D:A	1.0
subgraph 8 has 2 nodes		

1AJL:B	1AJT:B	1.0
subgraph 9 has 17 nodes		
1ZO3:B	1ZO3:A	1.0
1ZO3:B	1EHZ:A	1.0
1ZO3:B	1TN2:A	1.0
1ZO3:B	1TN1:A	1.0
1ZO3:B	1EVV:A	1.0
1ZO3:B	1QZB:B	1.0
1ZO3:B	1I9V:A	1.0
1ZO3:B	4TRA:A	1.0
1ZO3:B	1TRA:A	1.0
1ZO3:B	6TNA:A	1.0
1ZO3:B	4TNA:A	1.0
1ZO3:B	1FCW:E	1.0
1ZO3:B	1FCW:D	1.0
1ZO3:B	1FCW:C	1.0
1ZO3:B	1FCW:B	1.0
1ZO3:B	1FCW:A	1.0
1ZO3:A	1EHZ:A	1.0
1ZO3:A	1TN2:A	1.0
1ZO3:A	1TN1:A	1.0
1ZO3:A	1EVV:A	1.0
1ZO3:A	1QZB:B	1.0
1ZO3:A	1I9V:A	1.0
1ZO3:A	4TRA:A	1.0
1ZO3:A	1TRA:A	1.0
1ZO3:A	6TNA:A	1.0
1ZO3:A	4TNA:A	1.0
1ZO3:A	1FCW:E	1.0
1ZO3:A	1FCW:D	1.0
1ZO3:A	1FCW:C	1.0
1ZO3:A	1FCW:B	1.0
1ZO3:A	1FCW:A	1.0
1EHZ:A	1TN2:A	1.0
1EHZ:A	1TN1:A	1.0
1EHZ:A	1EVV:A	1.0
1EHZ:A	1QZB:B	1.0
1EHZ:A	1I9V:A	1.0
1EHZ:A	4TRA:A	1.0
1EHZ:A	1TRA:A	1.0
1EHZ:A	6TNA:A	1.0

1EHZ:A	4TNA:A	1.0
1EHZ:A	1FCW:E	1.0
1EHZ:A	1FCW:D	1.0
1EHZ:A	1FCW:C	1.0
1EHZ:A	1FCW:B	1.0
1EHZ:A	1FCW:A	1.0
1TN2:A	1TN1:A	1.0
1TN2:A	1EVV:A	1.0
1TN2:A	1QZB:B	1.0
1TN2:A	1I9V:A	1.0
1TN2:A	4TRA:A	1.0
1TN2:A	1TRA:A	1.0
1TN2:A	6TNA:A	1.0
1TN2:A	4TNA:A	1.0
1TN2:A	1FCW:E	1.0
1TN2:A	1FCW:D	1.0
1TN2:A	1FCW:C	1.0
1TN2:A	1FCW:B	1.0
1TN2:A	1FCW:A	1.0
1TN1:A	1EVV:A	1.0
1TN1:A	1QZB:B	1.0
1TN1:A	1I9V:A	1.0
1TN1:A	4TRA:A	1.0
1TN1:A	1TRA:A	1.0
1TN1:A	6TNA:A	1.0
1TN1:A	4TNA:A	1.0
1TN1:A	1FCW:E	1.0
1TN1:A	1FCW:D	1.0
1TN1:A	1FCW:C	1.0
1TN1:A	1FCW:B	1.0
1TN1:A	1FCW:A	1.0
1EVV:A	1QZB:B	1.0
1EVV:A	1I9V:A	1.0
1EVV:A	4TRA:A	1.0
1EVV:A	1TRA:A	1.0
1EVV:A	6TNA:A	1.0
1EVV:A	4TNA:A	1.0
1EVV:A	1FCW:E	1.0
1EVV:A	1FCW:D	1.0
1EVV:A	1FCW:C	1.0
1EVV:A	1FCW:B	1.0

1EVV:A	1FCW:A	1.0
1QZB:B	1I9V:A	1.0
1QZB:B	4TRA:A	1.0
1QZB:B	1TRA:A	1.0
1QZB:B	6TNA:A	1.0
1QZB:B	1FCW:A	1.0
1QZB:B	1FCW:E	1.0
1QZB:B	1FCW:D	1.0
1QZB:B	1FCW:C	1.0
1QZB:B	1FCW:B	1.0
1QZB:B	4TNA:A	1.0
1I9V:A	4TRA:A	1.0
1I9V:A	1TRA:A	1.0
1I9V:A	6TNA:A	1.0
1I9V:A	4TNA:A	1.0
1I9V:A	1FCW:E	1.0
1I9V:A	1FCW:D	1.0
1I9V:A	1FCW:C	1.0
1I9V:A	1FCW:B	1.0
1I9V:A	1FCW:A	1.0
4TRA:A	1TRA:A	1.0
4TRA:A	6TNA:A	1.0
4TRA:A	4TNA:A	1.0
4TRA:A	1FCW:E	1.0
4TRA:A	1FCW:D	1.0
4TRA:A	1FCW:C	1.0
4TRA:A	1FCW:B	1.0
4TRA:A	1FCW:A	1.0
1TRA:A	1FCW:A	1.0
1TRA:A	6TNA:A	1.0
1TRA:A	1FCW:E	1.0
1TRA:A	1FCW:D	1.0
1TRA:A	1FCW:C	1.0
1TRA:A	1FCW:B	1.0
1TRA:A	4TNA:A	1.0
6TNA:A	4TNA:A	1.0
6TNA:A	1FCW:E	1.0
6TNA:A	1FCW:D	1.0
6TNA:A	1FCW:C	1.0
6TNA:A	1FCW:B	1.0
6TNA:A	1FCW:A	1.0

4TNA:A	1FCW:E	1.0
4TNA:A	1FCW:D	1.0
4TNA:A	1FCW:C	1.0
4TNA:A	1FCW:B	1.0
4TNA:A	1FCW:A	1.0
1FCW:E	1FCW:D	1.0
1FCW:E	1FCW:C	1.0
1FCW:E	1FCW:B	1.0
1FCW:E	1FCW:A	1.0
1FCW:D	1FCW:C	1.0
1FCW:D	1FCW:B	1.0
1FCW:D	1FCW:A	1.0
1FCW:C	1FCW:B	1.0
1FCW:C	1FCW:A	1.0
1FCW:B	1FCW:A	1.0
subgraph 10 has 2 nodes		
2W89:B	2W89:D	1.0
subgraph 11 has 2 nodes		
1QES:B	1QES:A	1.0
subgraph 12 has 2 nodes		
1CQL:A	1CQ5:A	1.0
subgraph 13 has 11 nodes		
1Z79:A	1Z79:C	1.0
1Z79:A	1Z79:B	1.0
1Z79:A	1Z7F:B	1.0
1Z79:A	1Z7F:C	1.0
1Z79:A	1Z7F:A	1.0
1Z79:A	1YY0:A	1.0
1Z79:A	405D:B	1.0
1Z79:A	405D:A	1.0
1Z79:A	1YY0:B	1.0
1Z79:A	1YY0:C	1.0
1Z79:C	1Z79:B	1.0
1Z79:C	1Z7F:B	1.0
1Z79:C	1Z7F:C	1.0
1Z79:C	1Z7F:A	1.0
1Z79:C	1YY0:A	1.0
1Z79:C	405D:B	1.0
1Z79:C	405D:A	1.0
1Z79:C	1YY0:B	1.0
1Z79:C	1YY0:C	1.0

1Z79:B	1Z7F:B	1.0
1Z79:B	1Z7F:C	1.0
1Z79:B	1Z7F:A	1.0
1Z79:B	1YY0:A	1.0
1Z79:B	405D:B	1.0
1Z79:B	405D:A	1.0
1Z79:B	1YY0:B	1.0
1Z79:B	1YY0:C	1.0
1Z7F:B	1Z7F:C	1.0
1Z7F:B	1Z7F:A	1.0
1Z7F:B	1YY0:A	1.0
1Z7F:B	405D:B	1.0
1Z7F:B	405D:A	1.0
1Z7F:B	1YY0:B	1.0
1Z7F:B	1YY0:C	1.0
1Z7F:C	1Z7F:A	1.0
1Z7F:C	1YY0:A	1.0
1Z7F:C	405D:B	1.0
1Z7F:C	405D:A	1.0
1Z7F:C	1YY0:B	1.0
1Z7F:C	1YY0:C	1.0
1Z7F:A	1YY0:A	1.0
1Z7F:A	405D:B	1.0
1Z7F:A	405D:A	1.0
1Z7F:A	1YY0:B	1.0
1Z7F:A	1YY0:C	1.0
1YY0:A	405D:B	1.0
1YY0:A	405D:A	1.0
1YY0:A	1YY0:B	1.0
1YY0:A	1YY0:C	1.0
405D:B	405D:A	1.0
405D:B	1YY0:B	1.0
405D:B	1YY0:C	1.0
405D:A	1YY0:C	1.0
405D:A	1YY0:B	1.0
1YY0:B	1YY0:C	1.0
subgraph 14 has 15 nodes		
2GQ5:N	2GQ5:L	1.0
2GQ5:N	1R30:B	1.0
2GQ5:N	2GPM:L	1.0
2GQ5:N	2GQ4:N	1.0

2GQ5:N	2GPM:N	1.0
2GQ5:N	2G32:N	1.0
2GQ5:N	2GQ4:L	1.0
2GQ5:N	2GQ7:L	1.0
2GQ5:N	439D:B	1.0
2GQ5:N	2GQ7:N	1.0
2GQ5:N	2GQ6:L	1.0
2GQ5:N	2G32:L	1.0
2GQ5:N	2GQ6:N	1.0
2GQ5:N	1R30:D	1.0
2GQ5:L	1R30:B	1.0
2GQ5:L	2GPM:L	1.0
2GQ5:L	2GQ4:N	1.0
2GQ5:L	2GPM:N	1.0
2GQ5:L	2G32:N	1.0
2GQ5:L	2GQ4:L	1.0
2GQ5:L	2GQ7:L	1.0
2GQ5:L	439D:B	1.0
2GQ5:L	2GQ7:N	1.0
2GQ5:L	2GQ6:L	1.0
2GQ5:L	2G32:L	1.0
2GQ5:L	2GQ6:N	1.0
2GQ5:L	1R30:D	1.0
1R30:B	2GPM:L	1.0
1R30:B	2GQ4:N	1.0
1R30:B	2GPM:N	1.0
1R30:B	2G32:N	1.0
1R30:B	2GQ4:L	1.0
1R30:B	2GQ7:L	1.0
1R30:B	439D:B	1.0
1R30:B	2GQ7:N	1.0
1R30:B	2GQ6:L	1.0
1R30:B	2G32:L	1.0
1R30:B	2GQ6:N	1.0
1R30:B	1R30:D	1.0
2GPM:L	2GQ4:N	1.0
2GPM:L	2GPM:N	1.0
2GPM:L	2G32:N	1.0
2GPM:L	2GQ4:L	1.0
2GPM:L	2GQ7:L	1.0
2GPM:L	439D:B	1.0

2GPM:L	2GQ7:N	1.0
2GPM:L	2GQ6:L	1.0
2GPM:L	2G32:L	1.0
2GPM:L	2GQ6:N	1.0
2GPM:L	1R30:D	1.0
2GQ4:N	2GPM:N	1.0
2GQ4:N	2G32:N	1.0
2GQ4:N	2GQ4:L	1.0
2GQ4:N	2GQ7:L	1.0
2GQ4:N	439D:B	1.0
2GQ4:N	2GQ7:N	1.0
2GQ4:N	2GQ6:L	1.0
2GQ4:N	2G32:L	1.0
2GQ4:N	2GQ6:N	1.0
2GQ4:N	1R30:D	1.0
2GPM:N	2G32:N	1.0
2GPM:N	2GQ4:L	1.0
2GPM:N	2GQ7:L	1.0
2GPM:N	439D:B	1.0
2GPM:N	2GQ7:N	1.0
2GPM:N	2GQ6:L	1.0
2GPM:N	2G32:L	1.0
2GPM:N	2GQ6:N	1.0
2GPM:N	1R30:D	1.0
2G32:N	2GQ4:L	1.0
2G32:N	2GQ7:L	1.0
2G32:N	439D:B	1.0
2G32:N	2GQ7:N	1.0
2G32:N	2GQ6:L	1.0
2G32:N	2G32:L	1.0
2G32:N	2GQ6:N	1.0
2G32:N	1R30:D	1.0
2GQ4:L	2G32:L	1.0
2GQ4:L	2GQ7:L	1.0
2GQ4:L	439D:B	1.0
2GQ4:L	2GQ7:N	1.0
2GQ4:L	2GQ6:L	1.0
2GQ4:L	2GQ6:N	1.0
2GQ4:L	1R30:D	1.0
2GQ7:L	439D:B	1.0
2GQ7:L	2GQ7:N	1.0

2GQ7:L	2GQ6:L	1.0
2GQ7:L	2G32:L	1.0
2GQ7:L	2GQ6:N	1.0
2GQ7:L	1R30:D	1.0
439D:B	2GQ7:N	1.0
439D:B	2GQ6:L	1.0
439D:B	2G32:L	1.0
439D:B	2GQ6:N	1.0
439D:B	1R30:D	1.0
2GQ7:N	2GQ6:L	1.0
2GQ7:N	2G32:L	1.0
2GQ7:N	2GQ6:N	1.0
2GQ7:N	1R30:D	1.0
2GQ6:L	2G32:L	1.0
2GQ6:L	2GQ6:N	1.0
2GQ6:L	1R30:D	1.0
2G32:L	2GQ6:N	1.0
2G32:L	1R30:D	1.0
2GQ6:N	1R30:D	1.0
subgraph 15 has 15 nodes		
2GQ7:M	2GQ5:M	1.0
2GQ7:M	2GQ5:K	1.0
2GQ7:M	2G32:K	1.0
2GQ7:M	2GPM:K	1.0
2GQ7:M	1R30:C	1.0
2GQ7:M	439D:A	1.0
2GQ7:M	1R30:A	1.0
2GQ7:M	2GQ6:K	1.0
2GQ7:M	2GQ6:M	1.0
2GQ7:M	2GQ7:K	1.0
2GQ7:M	2GPM:M	1.0
2GQ7:M	2GQ4:M	1.0
2GQ7:M	2G32:M	1.0
2GQ7:M	2GQ4:K	1.0
2GQ5:M	2GQ5:K	1.0
2GQ5:M	2G32:K	1.0
2GQ5:M	2GPM:K	1.0
2GQ5:M	1R30:C	1.0
2GQ5:M	439D:A	1.0
2GQ5:M	1R30:A	1.0
2GQ5:M	2GQ6:K	1.0

2GQ5:M	2GQ6:M	1.0
2GQ5:M	2GQ7:K	1.0
2GQ5:M	2GPM:M	1.0
2GQ5:M	2GQ4:M	1.0
2GQ5:M	2G32:M	1.0
2GQ5:M	2GQ4:K	1.0
2GQ5:K	2G32:K	1.0
2GQ5:K	2GPM:K	1.0
2GQ5:K	1R30:C	1.0
2GQ5:K	439D:A	1.0
2GQ5:K	1R30:A	1.0
2GQ5:K	2GQ6:K	1.0
2GQ5:K	2GQ6:M	1.0
2GQ5:K	2GQ7:K	1.0
2GQ5:K	2GPM:M	1.0
2GQ5:K	2GQ4:M	1.0
2GQ5:K	2G32:M	1.0
2GQ5:K	2GQ4:K	1.0
2G32:K	2GPM:M	1.0
2G32:K	2GPM:K	1.0
2G32:K	1R30:C	1.0
2G32:K	439D:A	1.0
2G32:K	1R30:A	1.0
2G32:K	2GQ6:K	1.0
2G32:K	2GQ6:M	1.0
2G32:K	2GQ7:K	1.0
2G32:K	2GQ4:K	1.0
2G32:K	2GQ4:M	1.0
2G32:K	2G32:M	1.0
2GPM:K	2GQ4:M	1.0
2GPM:K	1R30:C	1.0
2GPM:K	439D:A	1.0
2GPM:K	1R30:A	1.0
2GPM:K	2GQ6:K	1.0
2GPM:K	2GQ6:M	1.0
2GPM:K	2GQ7:K	1.0
2GPM:K	2GPM:M	1.0
2GPM:K	2G32:M	1.0
2GPM:K	2GQ4:K	1.0
1R30:C	439D:A	1.0
1R30:C	1R30:A	1.0

1R30:C	2GQ6:K	1.0
1R30:C	2GQ6:M	1.0
1R30:C	2GQ7:K	1.0
1R30:C	2GPM:M	1.0
1R30:C	2GQ4:M	1.0
1R30:C	2G32:M	1.0
1R30:C	2GQ4:K	1.0
439D:A	1R30:A	1.0
439D:A	2GQ6:K	1.0
439D:A	2GQ6:M	1.0
439D:A	2GQ7:K	1.0
439D:A	2GPM:M	1.0
439D:A	2GQ4:M	1.0
439D:A	2G32:M	1.0
439D:A	2GQ4:K	1.0
1R30:A	2GQ6:K	1.0
1R30:A	2GQ6:M	1.0
1R30:A	2GQ7:K	1.0
1R30:A	2GPM:M	1.0
1R30:A	2GQ4:M	1.0
1R30:A	2G32:M	1.0
1R30:A	2GQ4:K	1.0
2GQ6:K	2GQ6:M	1.0
2GQ6:K	2GQ7:K	1.0
2GQ6:K	2GPM:M	1.0
2GQ6:K	2GQ4:M	1.0
2GQ6:K	2G32:M	1.0
2GQ6:K	2GQ4:K	1.0
2GQ6:M	2GQ7:K	1.0
2GQ6:M	2GPM:M	1.0
2GQ6:M	2GQ4:M	1.0
2GQ6:M	2G32:M	1.0
2GQ6:M	2GQ4:K	1.0
2GQ7:K	2GPM:M	1.0
2GQ7:K	2G32:M	1.0
2GQ7:K	2GQ4:K	1.0
2GQ7:K	2GQ4:M	1.0
2GPM:M	2GQ4:K	1.0
2GPM:M	2GQ4:M	1.0
2GPM:M	2G32:M	1.0
2GQ4:M	2G32:M	1.0

2GQ4:M	2GQ4:K	1.0
2G32:M	2GQ4:K	1.0
subgraph 16 has 2 nodes		
2G92:A	2G92:B	1.0
subgraph 17 has 6 nodes		
1F6Z:A	1F79:A	1.0
1F6Z:A	2CD6:A	1.0
1F6Z:A	2CD3:A	1.0
1F6Z:A	1F7I:A	1.0
1F6Z:A	1F7G:A	1.0
2CD6:A	1F79:A	1.0
2CD6:A	1F7G:A	1.0
2CD6:A	2CD3:A	1.0
2CD6:A	1F7I:A	1.0
1F79:A	2CD3:A	1.0
1F79:A	1F7I:A	1.0
1F79:A	1F7G:A	1.0
1F7G:A	2CD3:A	1.0
1F7G:A	1F7I:A	1.0
2CD3:A	1F7I:A	1.0
subgraph 18 has 2 nodes		
2KYE:A	1OQ0:A	1.0
subgraph 19 has 9 nodes		
468D:B	1XV6:A	1.0
468D:B	468D:A	1.0
468D:B	471D:A	1.0
468D:B	471D:B	1.0
468D:B	470D:B	1.0
468D:B	470D:A	1.0
468D:B	469D:A	1.0
468D:B	469D:B	1.0
1XV6:A	468D:A	1.0
1XV6:A	471D:A	1.0
1XV6:A	471D:B	1.0
1XV6:A	470D:B	1.0
1XV6:A	470D:A	1.0
1XV6:A	469D:A	1.0
1XV6:A	469D:B	1.0
468D:A	471D:A	1.0
468D:A	471D:B	1.0
468D:A	470D:B	1.0

468D:A	470D:A	1.0
468D:A	469D:A	1.0
468D:A	469D:B	1.0
471D:A	471D:B	1.0
471D:A	470D:B	1.0
471D:A	470D:A	1.0
471D:A	469D:A	1.0
471D:A	469D:B	1.0
471D:B	470D:B	1.0
471D:B	470D:A	1.0
471D:B	469D:A	1.0
471D:B	469D:B	1.0
470D:B	470D:A	1.0
470D:B	469D:A	1.0
470D:B	469D:B	1.0
470D:A	469D:A	1.0
470D:A	469D:B	1.0
469D:A	469D:B	1.0
subgraph 20 has 3 nodes		
2MEQ:A	1T1O:B	1.0
2MEQ:A	2MER:A	1.0
1T1O:B	2MER:A	1.0
subgraph 21 has 2 nodes		
1XST:A	1XSG:A	1.0
subgraph 22 has 5 nodes		
5C7U:B	3GER:A	1.0
5C7U:B	3G4M:A	1.0
5C7U:B	4FE5:B	1.0
5C7U:B	3GAO:A	1.0
3GER:A	3G4M:A	1.0
3GER:A	4FE5:B	1.0
3GER:A	3GAO:A	1.0
3G4M:A	4FE5:B	1.0
3G4M:A	3GAO:A	1.0
4FE5:B	3GAO:A	1.0
subgraph 23 has 28 nodes		
1XP7:A	1XP7:B	1.0
1XP7:A	3DVV:A	1.0
1XP7:A	1ZCI:A	1.0
1XP7:A	3DVV:B	1.0
1XP7:A	1ZCI:B	1.0

1XP7:A	1Y3O:A	1.0
1XP7:A	1Y3O:B	1.0
1XP7:A	3C44:A	1.0
1XP7:A	1Y3S:A	1.0
1XP7:A	1Y3S:B	1.0
1XP7:A	3C44:B	1.0
1XP7:A	2FCZ:D	1.0
1XP7:A	2FCZ:C	1.0
1XP7:A	2FCZ:B	1.0
1XP7:A	2FCZ:A	1.0
1XP7:A	2QEK:B	1.0
1XP7:A	2QEK:A	1.0
1XP7:A	1ZCI:D	1.0
1XP7:A	2FCY:B	1.0
1XP7:A	2FCX:A	1.0
1XP7:A	1ZCI:C	1.0
1XP7:A	2FCX:B	1.0
1XP7:A	1YXP:B	1.0
1XP7:A	1YXP:A	1.0
1XP7:A	2FCY:A	1.0
1XP7:A	2FD0:A	1.0
1XP7:A	2FD0:B	1.0
1XP7:B	3DVV:A	1.0
1XP7:B	1ZCI:A	1.0
1XP7:B	3DVV:B	1.0
1XP7:B	1ZCI:B	1.0
1XP7:B	1Y3O:A	1.0
1XP7:B	1Y3O:B	1.0
1XP7:B	3C44:A	1.0
1XP7:B	1Y3S:A	1.0
1XP7:B	1Y3S:B	1.0
1XP7:B	3C44:B	1.0
1XP7:B	2FCZ:D	1.0
1XP7:B	2FCZ:C	1.0
1XP7:B	2FCZ:B	1.0
1XP7:B	2FCZ:A	1.0
1XP7:B	2QEK:B	1.0
1XP7:B	2QEK:A	1.0
1XP7:B	1ZCI:D	1.0
1XP7:B	2FCY:B	1.0
1XP7:B	2FCX:A	1.0

1XP7:B	1ZCI:C	1.0
1XP7:B	2FCX:B	1.0
1XP7:B	1YXP:B	1.0
1XP7:B	1YXP:A	1.0
1XP7:B	2FCY:A	1.0
1XP7:B	2FD0:A	1.0
1XP7:B	2FD0:B	1.0
3DVV:A	1ZCI:A	1.0
3DVV:A	3DVV:B	1.0
3DVV:A	1ZCI:B	1.0
3DVV:A	1Y3O:A	1.0
3DVV:A	1Y3O:B	1.0
3DVV:A	3C44:A	1.0
3DVV:A	1Y3S:A	1.0
3DVV:A	1Y3S:B	1.0
3DVV:A	3C44:B	1.0
3DVV:A	2FCZ:D	1.0
3DVV:A	2FCZ:C	1.0
3DVV:A	2FCZ:B	1.0
3DVV:A	2FCZ:A	1.0
3DVV:A	2QEK:B	1.0
3DVV:A	2QEK:A	1.0
3DVV:A	1ZCI:D	1.0
3DVV:A	2FCY:B	1.0
3DVV:A	2FCX:A	1.0
3DVV:A	1ZCI:C	1.0
3DVV:A	2FCX:B	1.0
3DVV:A	1YXP:B	1.0
3DVV:A	1YXP:A	1.0
3DVV:A	2FCY:A	1.0
3DVV:A	2FD0:A	1.0
3DVV:A	2FD0:B	1.0
1ZCI:A	3DVV:B	1.0
1ZCI:A	1ZCI:B	1.0
1ZCI:A	1Y3O:A	1.0
1ZCI:A	1Y3O:B	1.0
1ZCI:A	3C44:A	1.0
1ZCI:A	1Y3S:A	1.0
1ZCI:A	1Y3S:B	1.0
1ZCI:A	3C44:B	1.0
1ZCI:A	2FCZ:D	1.0

1ZCI:A	2FCZ:C	1.0
1ZCI:A	2FCZ:B	1.0
1ZCI:A	2FCZ:A	1.0
1ZCI:A	2QEK:B	1.0
1ZCI:A	2QEK:A	1.0
1ZCI:A	1ZCI:D	1.0
1ZCI:A	2FCY:B	1.0
1ZCI:A	2FCX:A	1.0
1ZCI:A	1ZCI:C	1.0
1ZCI:A	2FCX:B	1.0
1ZCI:A	1YXP:B	1.0
1ZCI:A	1YXP:A	1.0
1ZCI:A	2FCY:A	1.0
1ZCI:A	2FD0:A	1.0
1ZCI:A	2FD0:B	1.0
3DVV:B	1ZCI:B	1.0
3DVV:B	1Y30:A	1.0
3DVV:B	1Y30:B	1.0
3DVV:B	3C44:A	1.0
3DVV:B	1Y3S:A	1.0
3DVV:B	1Y3S:B	1.0
3DVV:B	3C44:B	1.0
3DVV:B	2FCZ:D	1.0
3DVV:B	2FCZ:C	1.0
3DVV:B	2FCZ:B	1.0
3DVV:B	2FCZ:A	1.0
3DVV:B	2QEK:B	1.0
3DVV:B	2QEK:A	1.0
3DVV:B	1ZCI:D	1.0
3DVV:B	2FCY:B	1.0
3DVV:B	2FCX:A	1.0
3DVV:B	1ZCI:C	1.0
3DVV:B	2FCX:B	1.0
3DVV:B	1YXP:B	1.0
3DVV:B	1YXP:A	1.0
3DVV:B	2FCY:A	1.0
3DVV:B	2FD0:A	1.0
3DVV:B	2FD0:B	1.0
1ZCI:B	1Y30:A	1.0
1ZCI:B	1Y30:B	1.0
1ZCI:B	3C44:A	1.0

1ZCI:B	1Y3S:A	1.0
1ZCI:B	1Y3S:B	1.0
1ZCI:B	3C44:B	1.0
1ZCI:B	2FCZ:D	1.0
1ZCI:B	2FCZ:C	1.0
1ZCI:B	2FCZ:B	1.0
1ZCI:B	2FCZ:A	1.0
1ZCI:B	2QEK:B	1.0
1ZCI:B	2QEK:A	1.0
1ZCI:B	1ZCI:D	1.0
1ZCI:B	2FCY:B	1.0
1ZCI:B	2FCX:A	1.0
1ZCI:B	1ZCI:C	1.0
1ZCI:B	2FCX:B	1.0
1ZCI:B	1YXP:B	1.0
1ZCI:B	1YXP:A	1.0
1ZCI:B	2FCY:A	1.0
1ZCI:B	2FD0:A	1.0
1ZCI:B	2FD0:B	1.0
1Y3O:A	1Y3O:B	1.0
1Y3O:A	3C44:A	1.0
1Y3O:A	1Y3S:A	1.0
1Y3O:A	1Y3S:B	1.0
1Y3O:A	3C44:B	1.0
1Y3O:A	2FCZ:D	1.0
1Y3O:A	2FCZ:C	1.0
1Y3O:A	2FCZ:B	1.0
1Y3O:A	2FCZ:A	1.0
1Y3O:A	2QEK:B	1.0
1Y3O:A	2QEK:A	1.0
1Y3O:A	1ZCI:D	1.0
1Y3O:A	2FCY:B	1.0
1Y3O:A	2FCX:A	1.0
1Y3O:A	1ZCI:C	1.0
1Y3O:A	2FCX:B	1.0
1Y3O:A	1YXP:B	1.0
1Y3O:A	1YXP:A	1.0
1Y3O:A	2FCY:A	1.0
1Y3O:A	2FD0:A	1.0
1Y3O:A	2FD0:B	1.0
1Y3O:B	3C44:A	1.0

1Y30:B	1Y3S:A	1.0
1Y30:B	1Y3S:B	1.0
1Y30:B	3C44:B	1.0
1Y30:B	2FCZ:D	1.0
1Y30:B	2FCZ:C	1.0
1Y30:B	2FCZ:B	1.0
1Y30:B	2FCZ:A	1.0
1Y30:B	2QEK:B	1.0
1Y30:B	2QEK:A	1.0
1Y30:B	1ZCI:D	1.0
1Y30:B	2FCY:B	1.0
1Y30:B	2FCX:A	1.0
1Y30:B	1ZCI:C	1.0
1Y30:B	2FCX:B	1.0
1Y30:B	1YXP:B	1.0
1Y30:B	1YXP:A	1.0
1Y30:B	2FCY:A	1.0
1Y30:B	2FD0:A	1.0
1Y30:B	2FD0:B	1.0
3C44:A	1Y3S:A	1.0
3C44:A	1Y3S:B	1.0
3C44:A	3C44:B	1.0
3C44:A	2FCZ:D	1.0
3C44:A	2FCZ:C	1.0
3C44:A	2FCZ:B	1.0
3C44:A	2FCZ:A	1.0
3C44:A	2QEK:B	1.0
3C44:A	2QEK:A	1.0
3C44:A	1ZCI:D	1.0
3C44:A	2FCY:B	1.0
3C44:A	2FCX:A	1.0
3C44:A	1ZCI:C	1.0
3C44:A	2FCX:B	1.0
3C44:A	1YXP:B	1.0
3C44:A	1YXP:A	1.0
3C44:A	2FCY:A	1.0
3C44:A	2FD0:A	1.0
3C44:A	2FD0:B	1.0
1Y3S:A	1Y3S:B	1.0
1Y3S:A	3C44:B	1.0
1Y3S:A	2FCZ:D	1.0

1Y3S:A	2FCZ:C	1.0
1Y3S:A	2FCZ:B	1.0
1Y3S:A	2FCZ:A	1.0
1Y3S:A	2QEK:B	1.0
1Y3S:A	2QEK:A	1.0
1Y3S:A	1ZCI:D	1.0
1Y3S:A	2FCY:B	1.0
1Y3S:A	2FCX:A	1.0
1Y3S:A	1ZCI:C	1.0
1Y3S:A	2FCX:B	1.0
1Y3S:A	1YXP:B	1.0
1Y3S:A	1YXP:A	1.0
1Y3S:A	2FCY:A	1.0
1Y3S:A	2FD0:A	1.0
1Y3S:A	2FD0:B	1.0
1Y3S:B	3C44:B	1.0
1Y3S:B	2FCZ:D	1.0
1Y3S:B	2FCZ:C	1.0
1Y3S:B	2FCZ:B	1.0
1Y3S:B	2FCZ:A	1.0
1Y3S:B	2QEK:B	1.0
1Y3S:B	2QEK:A	1.0
1Y3S:B	1ZCI:D	1.0
1Y3S:B	2FCY:B	1.0
1Y3S:B	2FCX:A	1.0
1Y3S:B	1ZCI:C	1.0
1Y3S:B	2FCX:B	1.0
1Y3S:B	1YXP:B	1.0
1Y3S:B	1YXP:A	1.0
1Y3S:B	2FCY:A	1.0
1Y3S:B	2FD0:A	1.0
1Y3S:B	2FD0:B	1.0
3C44:B	2FCZ:D	1.0
3C44:B	2FCZ:C	1.0
3C44:B	2FCZ:B	1.0
3C44:B	2FCZ:A	1.0
3C44:B	2QEK:B	1.0
3C44:B	2QEK:A	1.0
3C44:B	1ZCI:D	1.0
3C44:B	2FCY:B	1.0
3C44:B	2FCX:A	1.0

3C44:B	1ZCI:C	1.0
3C44:B	2FCX:B	1.0
3C44:B	1YXP:B	1.0
3C44:B	1YXP:A	1.0
3C44:B	2FCY:A	1.0
3C44:B	2FD0:A	1.0
3C44:B	2FD0:B	1.0
2FCZ:D	2FCZ:C	1.0
2FCZ:D	2FCZ:B	1.0
2FCZ:D	2FCZ:A	1.0
2FCZ:D	2QEK:B	1.0
2FCZ:D	2QEK:A	1.0
2FCZ:D	1ZCI:D	1.0
2FCZ:D	2FCY:B	1.0
2FCZ:D	2FCX:A	1.0
2FCZ:D	1ZCI:C	1.0
2FCZ:D	2FCX:B	1.0
2FCZ:D	1YXP:B	1.0
2FCZ:D	1YXP:A	1.0
2FCZ:D	2FCY:A	1.0
2FCZ:D	2FD0:A	1.0
2FCZ:D	2FD0:B	1.0
2FCZ:C	2FCZ:B	1.0
2FCZ:C	2FCZ:A	1.0
2FCZ:C	2QEK:B	1.0
2FCZ:C	2QEK:A	1.0
2FCZ:C	1ZCI:D	1.0
2FCZ:C	2FCY:B	1.0
2FCZ:C	2FCX:A	1.0
2FCZ:C	1ZCI:C	1.0
2FCZ:C	2FCX:B	1.0
2FCZ:C	1YXP:B	1.0
2FCZ:C	1YXP:A	1.0
2FCZ:C	2FCY:A	1.0
2FCZ:C	2FD0:A	1.0
2FCZ:C	2FD0:B	1.0
2FCZ:B	2FCZ:A	1.0
2FCZ:B	2QEK:B	1.0
2FCZ:B	2QEK:A	1.0
2FCZ:B	1ZCI:D	1.0
2FCZ:B	2FCY:B	1.0

2FCZ:B	2FCX:A	1.0
2FCZ:B	1ZCI:C	1.0
2FCZ:B	2FCX:B	1.0
2FCZ:B	1YXP:B	1.0
2FCZ:B	1YXP:A	1.0
2FCZ:B	2FCY:A	1.0
2FCZ:B	2FD0:A	1.0
2FCZ:B	2FD0:B	1.0
2FCZ:A	2QEK:B	1.0
2FCZ:A	2QEK:A	1.0
2FCZ:A	1ZCI:D	1.0
2FCZ:A	2FCY:B	1.0
2FCZ:A	2FCX:A	1.0
2FCZ:A	1ZCI:C	1.0
2FCZ:A	2FCX:B	1.0
2FCZ:A	1YXP:B	1.0
2FCZ:A	1YXP:A	1.0
2FCZ:A	2FCY:A	1.0
2FCZ:A	2FD0:A	1.0
2FCZ:A	2FD0:B	1.0
2QEK:B	2QEK:A	1.0
2QEK:B	1ZCI:D	1.0
2QEK:B	2FCY:B	1.0
2QEK:B	2FCX:A	1.0
2QEK:B	1ZCI:C	1.0
2QEK:B	2FCX:B	1.0
2QEK:B	1YXP:B	1.0
2QEK:B	1YXP:A	1.0
2QEK:B	2FCY:A	1.0
2QEK:B	2FD0:A	1.0
2QEK:B	2FD0:B	1.0
2QEK:A	1ZCI:D	1.0
2QEK:A	2FCY:B	1.0
2QEK:A	2FCX:A	1.0
2QEK:A	1ZCI:C	1.0
2QEK:A	2FCX:B	1.0
2QEK:A	1YXP:B	1.0
2QEK:A	1YXP:A	1.0
2QEK:A	2FCY:A	1.0
2QEK:A	2FD0:A	1.0
2QEK:A	2FD0:B	1.0

1ZCI:D	2FCY:A	1.0
1ZCI:D	2FCY:B	1.0
1ZCI:D	2FCX:A	1.0
1ZCI:D	1ZCI:C	1.0
1ZCI:D	2FCX:B	1.0
1ZCI:D	1YXP:B	1.0
1ZCI:D	1YXP:A	1.0
1ZCI:D	2FD0:A	1.0
1ZCI:D	2FD0:B	1.0
2FCY:B	2FCX:A	1.0
2FCY:B	1ZCI:C	1.0
2FCY:B	2FCX:B	1.0
2FCY:B	1YXP:B	1.0
2FCY:B	1YXP:A	1.0
2FCY:B	2FCY:A	1.0
2FCY:B	2FD0:A	1.0
2FCY:B	2FD0:B	1.0
2FCX:A	1ZCI:C	1.0
2FCX:A	2FCX:B	1.0
2FCX:A	1YXP:B	1.0
2FCX:A	1YXP:A	1.0
2FCX:A	2FCY:A	1.0
2FCX:A	2FD0:A	1.0
2FCX:A	2FD0:B	1.0
1ZCI:C	2FCX:B	1.0
1ZCI:C	1YXP:B	1.0
1ZCI:C	1YXP:A	1.0
1ZCI:C	2FCY:A	1.0
1ZCI:C	2FD0:A	1.0
1ZCI:C	2FD0:B	1.0
2FCX:B	1YXP:B	1.0
2FCX:B	1YXP:A	1.0
2FCX:B	2FCY:A	1.0
2FCX:B	2FD0:A	1.0
2FCX:B	2FD0:B	1.0
1YXP:B	1YXP:A	1.0
1YXP:B	2FCY:A	1.0
1YXP:B	2FD0:A	1.0
1YXP:B	2FD0:B	1.0
1YXP:A	2FCY:A	1.0
1YXP:A	2FD0:A	1.0

1YXP:A	2FD0:B	1.0
2FCY:A	2FD0:A	1.0
2FCY:A	2FD0:B	1.0
2FD0:A	2FD0:B	1.0
subgraph 24 has 6 nodes		
3F30:X	3F2X:X	1.0
3F30:X	3F2W:X	1.0
3F30:X	3F2Y:X	1.0
3F30:X	3F2T:X	1.0
3F30:X	3F2Q:X	1.0
3F2Y:X	3F2X:X	1.0
3F2Y:X	3F2Q:X	1.0
3F2Y:X	3F2W:X	1.0
3F2Y:X	3F2T:X	1.0
3F2W:X	3F2X:X	1.0
3F2W:X	3F2T:X	1.0
3F2W:X	3F2Q:X	1.0
3F2T:X	3F2X:X	1.0
3F2T:X	3F2Q:X	1.0
3F2X:X	3F2Q:X	1.0
subgraph 25 has 12 nodes		
1YZD:A	1YZD:B	1.0
1YZD:A	1YZD:C	1.0
1YZD:A	4NFP:A	1.0
1YZD:A	4NFP:B	1.0
1YZD:A	4NFP:C	1.0
1YZD:A	4NFQ:A	1.0
1YZD:A	4NFQ:C	1.0
1YZD:A	4NFQ:B	1.0
1YZD:A	4NFO:C	1.0
1YZD:A	4NFO:B	1.0
1YZD:A	4NFO:A	1.0
1YZD:B	1YZD:C	1.0
1YZD:B	4NFP:A	1.0
1YZD:B	4NFP:B	1.0
1YZD:B	4NFP:C	1.0
1YZD:B	4NFQ:A	1.0
1YZD:B	4NFQ:C	1.0
1YZD:B	4NFQ:B	1.0
1YZD:B	4NFO:C	1.0
1YZD:B	4NFO:B	1.0

1YZD:B	4NFO:A	1.0
1YZD:C	4NFP:A	1.0
1YZD:C	4NFP:B	1.0
1YZD:C	4NFP:C	1.0
1YZD:C	4NFQ:A	1.0
1YZD:C	4NFQ:C	1.0
1YZD:C	4NFQ:B	1.0
1YZD:C	4NFO:C	1.0
1YZD:C	4NFO:B	1.0
1YZD:C	4NFO:A	1.0
4NFP:A	4NFP:B	1.0
4NFP:A	4NFP:C	1.0
4NFP:A	4NFQ:A	1.0
4NFP:A	4NFQ:C	1.0
4NFP:A	4NFQ:B	1.0
4NFP:A	4NFO:C	1.0
4NFP:A	4NFO:B	1.0
4NFP:A	4NFO:A	1.0
4NFP:B	4NFP:C	1.0
4NFP:B	4NFQ:A	1.0
4NFP:B	4NFQ:C	1.0
4NFP:B	4NFQ:B	1.0
4NFP:B	4NFO:C	1.0
4NFP:B	4NFO:B	1.0
4NFP:B	4NFO:A	1.0
4NFP:C	4NFQ:A	1.0
4NFP:C	4NFQ:C	1.0
4NFP:C	4NFQ:B	1.0
4NFP:C	4NFO:C	1.0
4NFP:C	4NFO:B	1.0
4NFP:C	4NFO:A	1.0
4NFQ:A	4NFQ:C	1.0
4NFQ:A	4NFQ:B	1.0
4NFQ:A	4NFO:C	1.0
4NFQ:A	4NFO:B	1.0
4NFQ:A	4NFO:A	1.0
4NFQ:C	4NFQ:B	1.0
4NFQ:C	4NFO:C	1.0
4NFQ:C	4NFO:B	1.0
4NFQ:C	4NFO:A	1.0
4NFQ:B	4NFO:C	1.0

4NFQ:B	4NFO:B	1.0
4NFQ:B	4NFO:A	1.0
4NFO:C	4NFO:B	1.0
4NFO:C	4NFO:A	1.0
4NFO:B	4NFO:A	1.0
subgraph 26 has 4 nodes		
4GPX:A	4GPW:A	1.0
4GPX:A	4GPW:B	1.0
4GPX:A	4GPX:B	1.0
4GPW:A	4GPW:B	1.0
4GPW:A	4GPX:B	1.0
4GPW:B	4GPX:B	1.0
subgraph 27 has 4 nodes		
1YKV:D	1YKQ:D	1.0
1YKV:D	1YKQ:B	1.0
1YKV:D	1YKV:B	1.0
1YKQ:D	1YKQ:B	1.0
1YKQ:D	1YKV:B	1.0
1YKQ:B	1YKV:B	1.0
subgraph 28 has 6 nodes		
1YKV:A	1YLS:A	1.0
1YKV:A	1YLS:C	1.0
1YKV:A	1YKQ:C	1.0
1YKV:A	1YKV:C	1.0
1YKV:A	1YKQ:A	1.0
1YKV:C	1YLS:A	1.0
1YKV:C	1YLS:C	1.0
1YKV:C	1YKQ:C	1.0
1YKV:C	1YKQ:A	1.0
1YKQ:C	1YLS:A	1.0
1YKQ:C	1YLS:C	1.0
1YKQ:C	1YKQ:A	1.0
1YKQ:A	1YLS:A	1.0
1YKQ:A	1YLS:C	1.0
1YLS:A	1YLS:C	1.0
subgraph 29 has 8 nodes		
1MV6:B	1MV6:A	1.0
1MV6:B	1MUV:B	1.0
1MV6:B	1MUV:A	1.0
1MV6:B	1MV1:A	1.0
1MV6:B	1MV1:B	1.0

1MV6:B	1MV2:B	1.0
1MV6:B	1MV2:A	1.0
1MV6:A	1MUV:B	1.0
1MV6:A	1MUV:A	1.0
1MV6:A	1MV1:A	1.0
1MV6:A	1MV1:B	1.0
1MV6:A	1MV2:B	1.0
1MV6:A	1MV2:A	1.0
1MUV:B	1MUV:A	1.0
1MUV:B	1MV1:A	1.0
1MUV:B	1MV1:B	1.0
1MUV:B	1MV2:B	1.0
1MUV:B	1MV2:A	1.0
1MUV:A	1MV1:A	1.0
1MUV:A	1MV1:B	1.0
1MUV:A	1MV2:B	1.0
1MUV:A	1MV2:A	1.0
1MV1:A	1MV1:B	1.0
1MV1:A	1MV2:B	1.0
1MV1:A	1MV2:A	1.0
1MV1:B	1MV2:B	1.0
1MV1:B	1MV2:A	1.0
1MV2:B	1MV2:A	1.0
subgraph 30 has 4 nodes		
4YN6:A	4J50:A	1.0
4YN6:A	4YN6:B	1.0
4YN6:A	4J50:B	1.0
4J50:A	4YN6:B	1.0
4J50:A	4J50:B	1.0
4YN6:B	4J50:B	1.0
subgraph 31 has 2 nodes		
1GID:B	1GID:A	1.0
subgraph 32 has 2 nodes		
1I4C:A	1I4B:A	1.0
subgraph 33 has 11 nodes		
379D:A	488D:A	1.0
379D:A	3D0M:X	1.0
379D:A	1MME:A	1.0
379D:A	1MME:C	1.0
379D:A	359D:A	1.0
379D:A	3CZW:X	1.0

379D:A	299D:A	1.0
379D:A	300D:A	1.0
379D:A	301D:A	1.0
379D:A	1NYI:A	1.0
488D:A	3D0M:X	1.0
488D:A	1MME:A	1.0
488D:A	1MME:C	1.0
488D:A	359D:A	1.0
488D:A	3CZW:X	1.0
488D:A	299D:A	1.0
488D:A	300D:A	1.0
488D:A	301D:A	1.0
488D:A	1NYI:A	1.0
3D0M:X	1MME:A	1.0
3D0M:X	1MME:C	1.0
3D0M:X	359D:A	1.0
3D0M:X	3CZW:X	1.0
3D0M:X	299D:A	1.0
3D0M:X	300D:A	1.0
3D0M:X	301D:A	1.0
3D0M:X	1NYI:A	1.0
1MME:A	1MME:C	1.0
1MME:A	359D:A	1.0
1MME:A	3CZW:X	1.0
1MME:A	299D:A	1.0
1MME:A	300D:A	1.0
1MME:A	301D:A	1.0
1MME:A	1NYI:A	1.0
1MME:C	359D:A	1.0
1MME:C	3CZW:X	1.0
1MME:C	299D:A	1.0
1MME:C	300D:A	1.0
1MME:C	301D:A	1.0
1MME:C	1NYI:A	1.0
359D:A	3CZW:X	1.0
359D:A	299D:A	1.0
359D:A	300D:A	1.0
359D:A	301D:A	1.0
359D:A	1NYI:A	1.0
3CZW:X	299D:A	1.0
3CZW:X	300D:A	1.0

3CZW:X	301D:A	1.0
3CZW:X	1NYI:A	1.0
299D:A	300D:A	1.0
299D:A	301D:A	1.0
299D:A	1NYI:A	1.0
300D:A	301D:A	1.0
300D:A	1NYI:A	1.0
301D:A	1NYI:A	1.0
subgraph 34 has 8 nodes		
379D:B	1MME:B	1.0
379D:B	1MME:D	1.0
379D:B	359D:B	1.0
379D:B	299D:B	1.0
379D:B	488D:D	1.0
379D:B	301D:B	1.0
379D:B	300D:B	1.0
1MME:B	1MME:D	1.0
1MME:B	359D:B	1.0
1MME:B	299D:B	1.0
1MME:B	488D:D	1.0
1MME:B	301D:B	1.0
1MME:B	300D:B	1.0
1MME:D	359D:B	1.0
1MME:D	299D:B	1.0
1MME:D	488D:D	1.0
1MME:D	301D:B	1.0
1MME:D	300D:B	1.0
359D:B	299D:B	1.0
359D:B	488D:D	1.0
359D:B	301D:B	1.0
359D:B	300D:B	1.0
299D:B	488D:D	1.0
299D:B	301D:B	1.0
299D:B	300D:B	1.0
488D:D	301D:B	1.0
488D:D	300D:B	1.0
301D:B	300D:B	1.0
subgraph 35 has 3 nodes		
2KGP:A	1QC8:A	1.0
2KGP:A	1EI2:A	1.0
1QC8:A	1EI2:A	1.0

subgraph 36 has 4 nodes		
4QJD:F	4QJD:D	1.0
4QJD:F	4QJD:B	1.0
4QJD:F	4QJD:H	1.0
4QJD:D	4QJD:B	1.0
4QJD:D	4QJD:H	1.0
4QJD:B	4QJD:H	1.0
subgraph 37 has 2 nodes		
1D0U:A	1D0T:A	1.0
subgraph 38 has 4 nodes		
4QJD:G	4QJD:E	1.0
4QJD:G	4QJD:C	1.0
4QJD:G	4QJD:A	1.0
4QJD:E	4QJD:C	1.0
4QJD:E	4QJD:A	1.0
4QJD:C	4QJD:A	1.0
subgraph 39 has 19 nodes		
2BCY:D	1ZFT:D	1.0
2BCY:D	2P7F:D	1.0
2BCY:D	1X9K:D	1.0
2BCY:D	2NPZ:D	1.0
2BCY:D	3B91:C	1.0
2BCY:D	1ZFX:D	1.0
2BCY:D	1ZFV:D	1.0
2BCY:D	2NPY:D	1.0
2BCY:D	2FGP:D	1.0
2BCY:D	3GS1:D	1.0
2BCY:D	4G6R:D	1.0
2BCY:D	1X9C:D	1.0
2BCY:D	2OUE:D	1.0
2BCY:D	2BCZ:D	1.0
2BCY:D	4G6P:C	1.0
2BCY:D	3GS8:D	1.0
2BCY:D	4G6S:C	1.0
2BCY:D	3BBI:C	1.0
2P7F:D	1ZFT:D	1.0
2P7F:D	1X9K:D	1.0
2P7F:D	2NPZ:D	1.0
2P7F:D	3B91:C	1.0
2P7F:D	1ZFX:D	1.0
2P7F:D	1ZFV:D	1.0

2P7F:D	2NPY:D	1.0
2P7F:D	2FGP:D	1.0
2P7F:D	3GS1:D	1.0
2P7F:D	4G6R:D	1.0
2P7F:D	1X9C:D	1.0
2P7F:D	2OUE:D	1.0
2P7F:D	2BCZ:D	1.0
2P7F:D	4G6P:C	1.0
2P7F:D	3GS8:D	1.0
2P7F:D	4G6S:C	1.0
2P7F:D	3BBI:C	1.0
1ZFT:D	3GS8:D	1.0
1ZFT:D	2NPZ:D	1.0
1ZFT:D	3B91:C	1.0
1ZFT:D	1ZFX:D	1.0
1ZFT:D	1ZFV:D	1.0
1ZFT:D	2NPY:D	1.0
1ZFT:D	2FGP:D	1.0
1ZFT:D	3GS1:D	1.0
1ZFT:D	4G6R:D	1.0
1ZFT:D	1X9C:D	1.0
1ZFT:D	2OUE:D	1.0
1ZFT:D	2BCZ:D	1.0
1ZFT:D	4G6P:C	1.0
1ZFT:D	1X9K:D	1.0
1ZFT:D	4G6S:C	1.0
1ZFT:D	3BBI:C	1.0
1X9K:D	3B91:C	1.0
1X9K:D	2NPZ:D	1.0
1X9K:D	1ZFX:D	1.0
1X9K:D	1ZFV:D	1.0
1X9K:D	2NPY:D	1.0
1X9K:D	2FGP:D	1.0
1X9K:D	3GS1:D	1.0
1X9K:D	4G6R:D	1.0
1X9K:D	1X9C:D	1.0
1X9K:D	2OUE:D	1.0
1X9K:D	2BCZ:D	1.0
1X9K:D	4G6P:C	1.0
1X9K:D	3GS8:D	1.0
1X9K:D	4G6S:C	1.0

1X9K:D	3BBI:C	1.0
2NPZ:D	3B91:C	1.0
2NPZ:D	1ZFX:D	1.0
2NPZ:D	1ZFV:D	1.0
2NPZ:D	2NPY:D	1.0
2NPZ:D	2FGP:D	1.0
2NPZ:D	3GS1:D	1.0
2NPZ:D	4G6R:D	1.0
2NPZ:D	1X9C:D	1.0
2NPZ:D	2OUE:D	1.0
2NPZ:D	2BCZ:D	1.0
2NPZ:D	4G6P:C	1.0
2NPZ:D	3GS8:D	1.0
2NPZ:D	4G6S:C	1.0
2NPZ:D	3BBI:C	1.0
3B91:C	1ZFX:D	1.0
3B91:C	1ZFV:D	1.0
3B91:C	2NPY:D	1.0
3B91:C	2FGP:D	1.0
3B91:C	3GS1:D	1.0
3B91:C	4G6R:D	1.0
3B91:C	1X9C:D	1.0
3B91:C	2OUE:D	1.0
3B91:C	2BCZ:D	1.0
3B91:C	4G6P:C	1.0
3B91:C	3GS8:D	1.0
3B91:C	4G6S:C	1.0
3B91:C	3BBI:C	1.0
1ZFX:D	1ZFV:D	1.0
1ZFX:D	2NPY:D	1.0
1ZFX:D	2FGP:D	1.0
1ZFX:D	3GS1:D	1.0
1ZFX:D	4G6R:D	1.0
1ZFX:D	1X9C:D	1.0
1ZFX:D	2OUE:D	1.0
1ZFX:D	2BCZ:D	1.0
1ZFX:D	4G6P:C	1.0
1ZFX:D	3GS8:D	1.0
1ZFX:D	4G6S:C	1.0
1ZFX:D	3BBI:C	1.0
1ZFV:D	3GS8:D	1.0

1ZFV:D	2NPY:D	1.0
1ZFV:D	2FGP:D	1.0
1ZFV:D	3GS1:D	1.0
1ZFV:D	4G6R:D	1.0
1ZFV:D	1X9C:D	1.0
1ZFV:D	2OUE:D	1.0
1ZFV:D	2BCZ:D	1.0
1ZFV:D	4G6P:C	1.0
1ZFV:D	4G6S:C	1.0
1ZFV:D	3BBI:C	1.0
2NPY:D	2FGP:D	1.0
2NPY:D	3GS1:D	1.0
2NPY:D	2BCZ:D	1.0
2NPY:D	1X9C:D	1.0
2NPY:D	2OUE:D	1.0
2NPY:D	4G6R:D	1.0
2NPY:D	4G6P:C	1.0
2NPY:D	3GS8:D	1.0
2NPY:D	4G6S:C	1.0
2NPY:D	3BBI:C	1.0
2FGP:D	3GS1:D	1.0
2FGP:D	4G6R:D	1.0
2FGP:D	1X9C:D	1.0
2FGP:D	2OUE:D	1.0
2FGP:D	2BCZ:D	1.0
2FGP:D	4G6P:C	1.0
2FGP:D	3GS8:D	1.0
2FGP:D	4G6S:C	1.0
2FGP:D	3BBI:C	1.0
3GS1:D	4G6R:D	1.0
3GS1:D	1X9C:D	1.0
3GS1:D	2OUE:D	1.0
3GS1:D	2BCZ:D	1.0
3GS1:D	4G6P:C	1.0
3GS1:D	3GS8:D	1.0
3GS1:D	4G6S:C	1.0
3GS1:D	3BBI:C	1.0
4G6R:D	2BCZ:D	1.0
4G6R:D	1X9C:D	1.0
4G6R:D	2OUE:D	1.0
4G6R:D	4G6P:C	1.0

4G6R:D	3GS8:D	1.0
4G6R:D	4G6S:C	1.0
4G6R:D	3BBI:C	1.0
1X9C:D	2OUE:D	1.0
1X9C:D	2BCZ:D	1.0
1X9C:D	4G6P:C	1.0
1X9C:D	3GS8:D	1.0
1X9C:D	4G6S:C	1.0
1X9C:D	3BBI:C	1.0
2OUE:D	2BCZ:D	1.0
2OUE:D	4G6P:C	1.0
2OUE:D	3GS8:D	1.0
2OUE:D	4G6S:C	1.0
2OUE:D	3BBI:C	1.0
2BCZ:D	4G6P:C	1.0
2BCZ:D	3GS8:D	1.0
2BCZ:D	4G6S:C	1.0
2BCZ:D	3BBI:C	1.0
4G6P:C	3GS8:D	1.0
4G6P:C	4G6S:C	1.0
4G6P:C	3BBI:C	1.0
3GS8:D	4G6S:C	1.0
3GS8:D	3BBI:C	1.0
4G6S:C	3BBI:C	1.0
subgraph 40 has 3 nodes		
1FUF:A	1FUF:B	1.0
1FUF:A	1K5:A	1.0
1FUF:B	1K5:A	1.0
subgraph 41 has 4 nodes		
3MJB:A	3B31:A	1.0
3MJB:A	3MJA:B	1.0
3MJB:A	3MJ3:B	1.0
3B31:A	3MJA:B	1.0
3B31:A	3MJ3:B	1.0
3MJA:B	3MJ3:B	1.0
subgraph 42 has 2 nodes		
1MY9:A	1MY9:B	1.0
subgraph 43 has 2 nodes		
1KIS:A	2RN1:A	1.0
subgraph 44 has 20 nodes		
2ET5:B	2ET5:A	1.0

2ET5:B	2BE0:B	1.0
2ET5:B	2BE0:A	1.0
2ET5:B	1O9M:B	1.0
2ET5:B	1J7T:A	1.0
2ET5:B	1J7T:B	1.0
2ET5:B	1O9M:A	1.0
2ET5:B	2ET4:B	1.0
2ET5:B	2ET4:A	1.0
2ET5:B	2ET3:A	1.0
2ET5:B	2ET8:B	1.0
2ET5:B	2ET8:A	1.0
2ET5:B	2BEE:B	1.0
2ET5:B	2ESJ:A	1.0
2ET5:B	2ESJ:B	1.0
2ET5:B	2BEE:A	1.0
2ET5:B	1MWL:A	1.0
2ET5:B	2ET3:B	1.0
2ET5:B	1MWL:B	1.0
2ET5:A	2ESJ:B	1.0
2ET5:A	2BE0:B	1.0
2ET5:A	2BE0:A	1.0
2ET5:A	1O9M:B	1.0
2ET5:A	1J7T:A	1.0
2ET5:A	1J7T:B	1.0
2ET5:A	1O9M:A	1.0
2ET5:A	2ET4:B	1.0
2ET5:A	2ET4:A	1.0
2ET5:A	2ET3:A	1.0
2ET5:A	2ET8:B	1.0
2ET5:A	2ET8:A	1.0
2ET5:A	2BEE:B	1.0
2ET5:A	2ESJ:A	1.0
2ET5:A	2ET3:B	1.0
2ET5:A	2BEE:A	1.0
2ET5:A	1MWL:A	1.0
2ET5:A	1MWL:B	1.0
2BE0:B	2ESJ:B	1.0
2BE0:B	2BE0:A	1.0
2BE0:B	1O9M:B	1.0
2BE0:B	1J7T:A	1.0
2BE0:B	1J7T:B	1.0

2BE0:B	1O9M:A	1.0
2BE0:B	2ET4:B	1.0
2BE0:B	2ET4:A	1.0
2BE0:B	2ET3:A	1.0
2BE0:B	2ET8:B	1.0
2BE0:B	2ET8:A	1.0
2BE0:B	2BEE:B	1.0
2BE0:B	2ESJ:A	1.0
2BE0:B	1MWL:A	1.0
2BE0:B	2BEE:A	1.0
2BE0:B	2ET3:B	1.0
2BE0:B	1MWL:B	1.0
2BE0:A	2ESJ:B	1.0
2BE0:A	1O9M:B	1.0
2BE0:A	1J7T:A	1.0
2BE0:A	1J7T:B	1.0
2BE0:A	1O9M:A	1.0
2BE0:A	2ET4:B	1.0
2BE0:A	2ET4:A	1.0
2BE0:A	2ET3:A	1.0
2BE0:A	2ET8:B	1.0
2BE0:A	2ET8:A	1.0
2BE0:A	2BEE:B	1.0
2BE0:A	2ESJ:A	1.0
2BE0:A	2ET3:B	1.0
2BE0:A	2BEE:A	1.0
2BE0:A	1MWL:A	1.0
2BE0:A	1MWL:B	1.0
1O9M:B	1J7T:A	1.0
1O9M:B	1J7T:B	1.0
1O9M:B	1O9M:A	1.0
1O9M:B	2ET4:B	1.0
1O9M:B	2ET4:A	1.0
1O9M:B	2ET3:A	1.0
1O9M:B	2ET8:B	1.0
1O9M:B	2ET8:A	1.0
1O9M:B	2BEE:B	1.0
1O9M:B	2ESJ:A	1.0
1O9M:B	2ESJ:B	1.0
1O9M:B	2BEE:A	1.0
1O9M:B	1MWL:A	1.0

109M:B	2ET3:B	1.0
109M:B	1MWL:B	1.0
1J7T:A	1J7T:B	1.0
1J7T:A	109M:A	1.0
1J7T:A	2ET4:B	1.0
1J7T:A	2ET4:A	1.0
1J7T:A	2ET3:A	1.0
1J7T:A	2ET8:B	1.0
1J7T:A	2ET8:A	1.0
1J7T:A	2BEE:B	1.0
1J7T:A	2ESJ:A	1.0
1J7T:A	2ESJ:B	1.0
1J7T:A	2BEE:A	1.0
1J7T:A	1MWL:A	1.0
1J7T:A	2ET3:B	1.0
1J7T:A	1MWL:B	1.0
1J7T:B	109M:A	1.0
1J7T:B	2ET4:B	1.0
1J7T:B	2ET4:A	1.0
1J7T:B	2ET3:A	1.0
1J7T:B	2ET8:B	1.0
1J7T:B	2ET8:A	1.0
1J7T:B	2BEE:B	1.0
1J7T:B	2ESJ:A	1.0
1J7T:B	2ESJ:B	1.0
1J7T:B	2BEE:A	1.0
1J7T:B	1MWL:A	1.0
1J7T:B	2ET3:B	1.0
1J7T:B	1MWL:B	1.0
109M:A	2ET4:B	1.0
109M:A	2ET4:A	1.0
109M:A	2ET3:A	1.0
109M:A	2ET8:B	1.0
109M:A	2ET8:A	1.0
109M:A	2BEE:B	1.0
109M:A	2ESJ:A	1.0
109M:A	2ESJ:B	1.0
109M:A	2BEE:A	1.0
109M:A	1MWL:A	1.0
109M:A	2ET3:B	1.0
109M:A	1MWL:B	1.0

2ET4:B	2ET4:A	1.0
2ET4:B	2ET3:A	1.0
2ET4:B	2ET8:B	1.0
2ET4:B	2ET8:A	1.0
2ET4:B	2BEE:B	1.0
2ET4:B	2ESJ:A	1.0
2ET4:B	2ESJ:B	1.0
2ET4:B	2BEE:A	1.0
2ET4:B	1MWL:A	1.0
2ET4:B	2ET3:B	1.0
2ET4:B	1MWL:B	1.0
2ET4:A	2ET3:A	1.0
2ET4:A	2ET8:B	1.0
2ET4:A	2ET8:A	1.0
2ET4:A	2BEE:B	1.0
2ET4:A	2ESJ:A	1.0
2ET4:A	2ESJ:B	1.0
2ET4:A	2BEE:A	1.0
2ET4:A	1MWL:A	1.0
2ET4:A	2ET3:B	1.0
2ET4:A	1MWL:B	1.0
2ET3:A	2ET8:B	1.0
2ET3:A	2ET8:A	1.0
2ET3:A	2BEE:B	1.0
2ET3:A	2ESJ:A	1.0
2ET3:A	2ESJ:B	1.0
2ET3:A	2BEE:A	1.0
2ET3:A	1MWL:A	1.0
2ET3:A	2ET3:B	1.0
2ET3:A	1MWL:B	1.0
2ET8:B	2ET8:A	1.0
2ET8:B	2BEE:B	1.0
2ET8:B	2ESJ:A	1.0
2ET8:B	2ESJ:B	1.0
2ET8:B	2BEE:A	1.0
2ET8:B	1MWL:A	1.0
2ET8:B	2ET3:B	1.0
2ET8:B	1MWL:B	1.0
2ET8:A	2BEE:B	1.0
2ET8:A	2ESJ:A	1.0
2ET8:A	2ESJ:B	1.0

2ET8:A	2BEE:A	1.0
2ET8:A	1MWL:A	1.0
2ET8:A	2ET3:B	1.0
2ET8:A	1MWL:B	1.0
2BEE:B	2ESJ:A	1.0
2BEE:B	2ESJ:B	1.0
2BEE:B	2BEE:A	1.0
2BEE:B	1MWL:A	1.0
2BEE:B	2ET3:B	1.0
2BEE:B	1MWL:B	1.0
2ESJ:A	2ESJ:B	1.0
2ESJ:A	2BEE:A	1.0
2ESJ:A	1MWL:A	1.0
2ESJ:A	2ET3:B	1.0
2ESJ:A	1MWL:B	1.0
2ESJ:B	1MWL:A	1.0
2ESJ:B	2BEE:A	1.0
2ESJ:B	2ET3:B	1.0
2ESJ:B	1MWL:B	1.0
2BEE:A	1MWL:A	1.0
2BEE:A	2ET3:B	1.0
2BEE:A	1MWL:B	1.0
1MWL:A	2ET3:B	1.0
1MWL:A	1MWL:B	1.0
2ET3:B	1MWL:B	1.0
subgraph 45 has 2 nodes		
1LPW:A	1LMV:A	1.0
subgraph 46 has 2 nodes		
1LPW:B	1LMV:B	1.0
subgraph 47 has 4 nodes		
1I9K:D	1I9K:B	1.0
1I9K:D	1I9K:C	1.0
1I9K:D	1I9K:A	1.0
1I9K:B	1I9K:C	1.0
1I9K:B	1I9K:A	1.0
1I9K:C	1I9K:A	1.0
subgraph 48 has 5 nodes		
4ENB:A	4EN5:A	1.0
4ENB:A	4ENC:A	1.0
4ENB:A	3VRS:A	1.0
4ENB:A	4ENA:A	1.0

4EN5:A	3VRS:A	1.0
4EN5:A	4ENC:A	1.0
4EN5:A	4ENA:A	1.0
4ENC:A	3VRS:A	1.0
4ENC:A	4ENA:A	1.0
3VRS:A	4ENA:A	1.0
subgraph 49 has 2 nodes		
1I3X:A	1I3Y:A	1.0
subgraph 50 has 23 nodes		
3BBK:A	2P7F:A	1.0
3BBK:A	3B5F:A	1.0
3BBK:A	3B58:A	1.0
3BBK:A	1ZFT:A	1.0
3BBK:A	4G6S:A	1.0
3BBK:A	2NPZ:A	1.0
3BBK:A	2FGP:A	1.0
3BBK:A	4G6R:A	1.0
3BBK:A	1ZFV:A	1.0
3BBK:A	4G6P:A	1.0
3BBK:A	1ZFX:A	1.0
3BBK:A	2BCY:A	1.0
3BBK:A	2D2K:A	1.0
3BBK:A	3B5S:A	1.0
3BBK:A	1X9C:A	1.0
3BBK:A	3B91:A	1.0
3BBK:A	2D2L:A	1.0
3BBK:A	3B5A:A	1.0
3BBK:A	2OUE:A	1.0
3BBK:A	3BBM:A	1.0
3BBK:A	3BBI:A	1.0
3BBK:A	2BCZ:A	1.0
2P7F:A	3B5F:A	1.0
2P7F:A	3B58:A	1.0
2P7F:A	1ZFT:A	1.0
2P7F:A	4G6S:A	1.0
2P7F:A	2NPZ:A	1.0
2P7F:A	2FGP:A	1.0
2P7F:A	2BCZ:A	1.0
2P7F:A	1ZFV:A	1.0
2P7F:A	4G6P:A	1.0
2P7F:A	1ZFX:A	1.0

2P7F:A	2BCY:A	1.0
2P7F:A	2D2K:A	1.0
2P7F:A	3B5S:A	1.0
2P7F:A	1X9C:A	1.0
2P7F:A	3B91:A	1.0
2P7F:A	2D2L:A	1.0
2P7F:A	3B5A:A	1.0
2P7F:A	2OUE:A	1.0
2P7F:A	3BBM:A	1.0
2P7F:A	3BBI:A	1.0
2P7F:A	4G6R:A	1.0
3B5F:A	3B58:A	1.0
3B5F:A	1ZFT:A	1.0
3B5F:A	4G6S:A	1.0
3B5F:A	2NPZ:A	1.0
3B5F:A	2FGP:A	1.0
3B5F:A	2BCZ:A	1.0
3B5F:A	1ZFV:A	1.0
3B5F:A	4G6P:A	1.0
3B5F:A	1ZFX:A	1.0
3B5F:A	2BCY:A	1.0
3B5F:A	2D2K:A	1.0
3B5F:A	3B5S:A	1.0
3B5F:A	1X9C:A	1.0
3B5F:A	3B91:A	1.0
3B5F:A	2D2L:A	1.0
3B5F:A	3B5A:A	1.0
3B5F:A	2OUE:A	1.0
3B5F:A	3BBM:A	1.0
3B5F:A	3BBI:A	1.0
3B5F:A	4G6R:A	1.0
3B58:A	1ZFT:A	1.0
3B58:A	4G6S:A	1.0
3B58:A	2NPZ:A	1.0
3B58:A	2FGP:A	1.0
3B58:A	2BCZ:A	1.0
3B58:A	1ZFV:A	1.0
3B58:A	4G6P:A	1.0
3B58:A	1ZFX:A	1.0
3B58:A	2BCY:A	1.0
3B58:A	2D2K:A	1.0

3B58:A	3B5S:A	1.0
3B58:A	1X9C:A	1.0
3B58:A	3B91:A	1.0
3B58:A	2D2L:A	1.0
3B58:A	3B5A:A	1.0
3B58:A	2OUE:A	1.0
3B58:A	3BBM:A	1.0
3B58:A	3BBI:A	1.0
3B58:A	4G6R:A	1.0
1ZFT:A	4G6S:A	1.0
1ZFT:A	2NPZ:A	1.0
1ZFT:A	2FGP:A	1.0
1ZFT:A	2BCZ:A	1.0
1ZFT:A	1ZFV:A	1.0
1ZFT:A	4G6P:A	1.0
1ZFT:A	1ZFX:A	1.0
1ZFT:A	2BCY:A	1.0
1ZFT:A	2D2K:A	1.0
1ZFT:A	3B5S:A	1.0
1ZFT:A	1X9C:A	1.0
1ZFT:A	3B91:A	1.0
1ZFT:A	2D2L:A	1.0
1ZFT:A	3B5A:A	1.0
1ZFT:A	2OUE:A	1.0
1ZFT:A	3BBM:A	1.0
1ZFT:A	3BBI:A	1.0
1ZFT:A	4G6R:A	1.0
4G6S:A	2NPZ:A	1.0
4G6S:A	2FGP:A	1.0
4G6S:A	2BCZ:A	1.0
4G6S:A	1ZFV:A	1.0
4G6S:A	4G6P:A	1.0
4G6S:A	1ZFX:A	1.0
4G6S:A	2BCY:A	1.0
4G6S:A	2D2K:A	1.0
4G6S:A	3B5S:A	1.0
4G6S:A	1X9C:A	1.0
4G6S:A	3B91:A	1.0
4G6S:A	2D2L:A	1.0
4G6S:A	3B5A:A	1.0
4G6S:A	2OUE:A	1.0

4G6S:A	3BBM:A	1.0
4G6S:A	3BBI:A	1.0
4G6S:A	4G6R:A	1.0
2NPZ:A	2FGP:A	1.0
2NPZ:A	4G6R:A	1.0
2NPZ:A	1ZFV:A	1.0
2NPZ:A	4G6P:A	1.0
2NPZ:A	1ZFX:A	1.0
2NPZ:A	2BCY:A	1.0
2NPZ:A	2D2K:A	1.0
2NPZ:A	3B5S:A	1.0
2NPZ:A	1X9C:A	1.0
2NPZ:A	3B91:A	1.0
2NPZ:A	2D2L:A	1.0
2NPZ:A	3B5A:A	1.0
2NPZ:A	2OUE:A	1.0
2NPZ:A	3BBM:A	1.0
2NPZ:A	3BBI:A	1.0
2NPZ:A	2BCZ:A	1.0
2FGP:A	2BCZ:A	1.0
2FGP:A	1ZFV:A	1.0
2FGP:A	4G6P:A	1.0
2FGP:A	1ZFX:A	1.0
2FGP:A	2BCY:A	1.0
2FGP:A	2D2K:A	1.0
2FGP:A	3B5S:A	1.0
2FGP:A	1X9C:A	1.0
2FGP:A	3B91:A	1.0
2FGP:A	2D2L:A	1.0
2FGP:A	3B5A:A	1.0
2FGP:A	2OUE:A	1.0
2FGP:A	3BBM:A	1.0
2FGP:A	3BBI:A	1.0
2FGP:A	4G6R:A	1.0
2BCZ:A	4G6R:A	1.0
2BCZ:A	1ZFV:A	1.0
2BCZ:A	4G6P:A	1.0
2BCZ:A	1ZFX:A	1.0
2BCZ:A	2BCY:A	1.0
2BCZ:A	2D2K:A	1.0
2BCZ:A	3B5S:A	1.0

2BCZ:A	1X9C:A	1.0
2BCZ:A	3B91:A	1.0
2BCZ:A	2D2L:A	1.0
2BCZ:A	3B5A:A	1.0
2BCZ:A	2OUE:A	1.0
2BCZ:A	3BBM:A	1.0
2BCZ:A	3BBI:A	1.0
1ZFV:A	4G6P:A	1.0
1ZFV:A	1ZFX:A	1.0
1ZFV:A	2BCY:A	1.0
1ZFV:A	2D2K:A	1.0
1ZFV:A	3B5S:A	1.0
1ZFV:A	1X9C:A	1.0
1ZFV:A	3B91:A	1.0
1ZFV:A	2D2L:A	1.0
1ZFV:A	3B5A:A	1.0
1ZFV:A	2OUE:A	1.0
1ZFV:A	3BBM:A	1.0
1ZFV:A	3BBI:A	1.0
1ZFV:A	4G6R:A	1.0
4G6P:A	1ZFX:A	1.0
4G6P:A	2BCY:A	1.0
4G6P:A	2D2K:A	1.0
4G6P:A	3B5S:A	1.0
4G6P:A	1X9C:A	1.0
4G6P:A	3B91:A	1.0
4G6P:A	2D2L:A	1.0
4G6P:A	3B5A:A	1.0
4G6P:A	2OUE:A	1.0
4G6P:A	3BBM:A	1.0
4G6P:A	3BBI:A	1.0
4G6P:A	4G6R:A	1.0
1ZFX:A	2BCY:A	1.0
1ZFX:A	2D2K:A	1.0
1ZFX:A	3B5S:A	1.0
1ZFX:A	1X9C:A	1.0
1ZFX:A	3B91:A	1.0
1ZFX:A	2D2L:A	1.0
1ZFX:A	3B5A:A	1.0
1ZFX:A	2OUE:A	1.0
1ZFX:A	3BBM:A	1.0

1ZFX:A	3BBI:A	1.0
1ZFX:A	4G6R:A	1.0
2BCY:A	2D2K:A	1.0
2BCY:A	3B5S:A	1.0
2BCY:A	1X9C:A	1.0
2BCY:A	3B91:A	1.0
2BCY:A	2D2L:A	1.0
2BCY:A	3B5A:A	1.0
2BCY:A	2OUE:A	1.0
2BCY:A	3BBM:A	1.0
2BCY:A	3BBI:A	1.0
2BCY:A	4G6R:A	1.0
2D2K:A	3B5S:A	1.0
2D2K:A	1X9C:A	1.0
2D2K:A	3B91:A	1.0
2D2K:A	2D2L:A	1.0
2D2K:A	3B5A:A	1.0
2D2K:A	2OUE:A	1.0
2D2K:A	3BBM:A	1.0
2D2K:A	3BBI:A	1.0
2D2K:A	4G6R:A	1.0
3B5S:A	4G6R:A	1.0
3B5S:A	1X9C:A	1.0
3B5S:A	3B91:A	1.0
3B5S:A	2D2L:A	1.0
3B5S:A	3B5A:A	1.0
3B5S:A	2OUE:A	1.0
3B5S:A	3BBM:A	1.0
3B5S:A	3BBI:A	1.0
1X9C:A	3B91:A	1.0
1X9C:A	2D2L:A	1.0
1X9C:A	3B5A:A	1.0
1X9C:A	2OUE:A	1.0
1X9C:A	3BBM:A	1.0
1X9C:A	3BBI:A	1.0
1X9C:A	4G6R:A	1.0
3B91:A	2D2L:A	1.0
3B91:A	3B5A:A	1.0
3B91:A	2OUE:A	1.0
3B91:A	3BBM:A	1.0
3B91:A	3BBI:A	1.0

3B91:A	4G6R:A	1.0
2D2L:A	3B5A:A	1.0
2D2L:A	2OUE:A	1.0
2D2L:A	3BBM:A	1.0
2D2L:A	3BBI:A	1.0
2D2L:A	4G6R:A	1.0
3B5A:A	2OUE:A	1.0
3B5A:A	3BBM:A	1.0
3B5A:A	3BBI:A	1.0
3B5A:A	4G6R:A	1.0
2OUE:A	4G6R:A	1.0
2OUE:A	3BBM:A	1.0
2OUE:A	3BBI:A	1.0
3BBM:A	3BBI:A	1.0
3BBM:A	4G6R:A	1.0
3BBI:A	4G6R:A	1.0
subgraph 51 has 17 nodes		
1ZFX:C	2NPZ:C	1.0
1ZFX:C	2P7F:C	1.0
1ZFX:C	2BCY:C	1.0
1ZFX:C	2D2K:C	1.0
1ZFX:C	3GS1:C	1.0
1ZFX:C	2FGP:C	1.0
1ZFX:C	2D2L:C	1.0
1ZFX:C	1ZFV:C	1.0
1ZFX:C	2OUE:C	1.0
1ZFX:C	4G6R:C	1.0
1ZFX:C	1X9C:C	1.0
1ZFX:C	1X9K:C	1.0
1ZFX:C	2BCZ:C	1.0
1ZFX:C	3GS8:C	1.0
1ZFX:C	1ZFT:C	1.0
1ZFX:C	2NPY:C	1.0
2NPZ:C	2P7F:C	1.0
2NPZ:C	2BCY:C	1.0
2NPZ:C	2BCZ:C	1.0
2NPZ:C	3GS1:C	1.0
2NPZ:C	2FGP:C	1.0
2NPZ:C	2D2L:C	1.0
2NPZ:C	4G6R:C	1.0
2NPZ:C	1ZFV:C	1.0

2NPZ:C	2OUE:C	1.0
2NPZ:C	2D2K:C	1.0
2NPZ:C	1X9C:C	1.0
2NPZ:C	1X9K:C	1.0
2NPZ:C	3GS8:C	1.0
2NPZ:C	1ZFT:C	1.0
2NPZ:C	2NPY:C	1.0
2P7F:C	2BCY:C	1.0
2P7F:C	2D2K:C	1.0
2P7F:C	3GS1:C	1.0
2P7F:C	2FGP:C	1.0
2P7F:C	2D2L:C	1.0
2P7F:C	1ZFV:C	1.0
2P7F:C	2OUE:C	1.0
2P7F:C	4G6R:C	1.0
2P7F:C	1X9C:C	1.0
2P7F:C	1X9K:C	1.0
2P7F:C	2BCZ:C	1.0
2P7F:C	3GS8:C	1.0
2P7F:C	1ZFT:C	1.0
2P7F:C	2NPY:C	1.0
2BCY:C	4G6R:C	1.0
2BCY:C	2D2K:C	1.0
2BCY:C	3GS1:C	1.0
2BCY:C	2FGP:C	1.0
2BCY:C	2D2L:C	1.0
2BCY:C	1ZFV:C	1.0
2BCY:C	2OUE:C	1.0
2BCY:C	2BCZ:C	1.0
2BCY:C	1X9C:C	1.0
2BCY:C	1X9K:C	1.0
2BCY:C	3GS8:C	1.0
2BCY:C	1ZFT:C	1.0
2BCY:C	2NPY:C	1.0
2D2K:C	4G6R:C	1.0
2D2K:C	3GS1:C	1.0
2D2K:C	2FGP:C	1.0
2D2K:C	2D2L:C	1.0
2D2K:C	1ZFV:C	1.0
2D2K:C	2OUE:C	1.0
2D2K:C	2BCZ:C	1.0

2D2K:C	1X9C:C	1.0
2D2K:C	1X9K:C	1.0
2D2K:C	3GS8:C	1.0
2D2K:C	1ZFT:C	1.0
2D2K:C	2NPY:C	1.0
3GS1:C	1X9K:C	1.0
3GS1:C	2FGP:C	1.0
3GS1:C	2D2L:C	1.0
3GS1:C	1ZFV:C	1.0
3GS1:C	2OUE:C	1.0
3GS1:C	4G6R:C	1.0
3GS1:C	1X9C:C	1.0
3GS1:C	1ZFT:C	1.0
3GS1:C	2BCZ:C	1.0
3GS1:C	3GS8:C	1.0
3GS1:C	2NPY:C	1.0
2FGP:C	2D2L:C	1.0
2FGP:C	1ZFV:C	1.0
2FGP:C	2OUE:C	1.0
2FGP:C	4G6R:C	1.0
2FGP:C	1X9C:C	1.0
2FGP:C	1X9K:C	1.0
2FGP:C	2BCZ:C	1.0
2FGP:C	3GS8:C	1.0
2FGP:C	1ZFT:C	1.0
2FGP:C	2NPY:C	1.0
2D2L:C	1ZFV:C	1.0
2D2L:C	2OUE:C	1.0
2D2L:C	4G6R:C	1.0
2D2L:C	1X9C:C	1.0
2D2L:C	1X9K:C	1.0
2D2L:C	2BCZ:C	1.0
2D2L:C	3GS8:C	1.0
2D2L:C	1ZFT:C	1.0
2D2L:C	2NPY:C	1.0
1ZFV:C	2OUE:C	1.0
1ZFV:C	4G6R:C	1.0
1ZFV:C	1X9C:C	1.0
1ZFV:C	1X9K:C	1.0
1ZFV:C	2BCZ:C	1.0
1ZFV:C	3GS8:C	1.0

1ZJV:C	1ZFT:C	1.0
1ZJV:C	2NPY:C	1.0
2OUE:C	4G6R:C	1.0
2OUE:C	1X9C:C	1.0
2OUE:C	1X9K:C	1.0
2OUE:C	2BCZ:C	1.0
2OUE:C	3GS8:C	1.0
2OUE:C	1ZFT:C	1.0
2OUE:C	2NPY:C	1.0
4G6R:C	2BCZ:C	1.0
4G6R:C	1X9C:C	1.0
4G6R:C	1X9K:C	1.0
4G6R:C	3GS8:C	1.0
4G6R:C	1ZFT:C	1.0
4G6R:C	2NPY:C	1.0
1X9C:C	1X9K:C	1.0
1X9C:C	2BCZ:C	1.0
1X9C:C	3GS8:C	1.0
1X9C:C	1ZFT:C	1.0
1X9C:C	2NPY:C	1.0
1X9K:C	1ZFT:C	1.0
1X9K:C	2BCZ:C	1.0
1X9K:C	3GS8:C	1.0
1X9K:C	2NPY:C	1.0
2BCZ:C	3GS8:C	1.0
2BCZ:C	1ZFT:C	1.0
2BCZ:C	2NPY:C	1.0
3GS8:C	1ZFT:C	1.0
3GS8:C	2NPY:C	1.0
1ZFT:C	2NPY:C	1.0
subgraph 52 has 10 nodes		
2NPZ:B	2P7F:B	1.0
2NPZ:B	3GS1:B	1.0
2NPZ:B	2D2K:B	1.0
2NPZ:B	2D2L:B	1.0
2NPZ:B	2FGP:B	1.0
2NPZ:B	2OUE:B	1.0
2NPZ:B	1X9C:B	1.0
2NPZ:B	3GS8:B	1.0
2NPZ:B	2NPY:B	1.0
2P7F:B	3GS1:B	1.0

2P7F:B	2D2K:B	1.0
2P7F:B	2D2L:B	1.0
2P7F:B	2FGP:B	1.0
2P7F:B	2OUE:B	1.0
2P7F:B	1X9C:B	1.0
2P7F:B	3GS8:B	1.0
2P7F:B	2NPY:B	1.0
3GS1:B	2D2K:B	1.0
3GS1:B	2D2L:B	1.0
3GS1:B	2FGP:B	1.0
3GS1:B	2OUE:B	1.0
3GS1:B	1X9C:B	1.0
3GS1:B	3GS8:B	1.0
3GS1:B	2NPY:B	1.0
2D2K:B	2D2L:B	1.0
2D2K:B	2FGP:B	1.0
2D2K:B	2OUE:B	1.0
2D2K:B	1X9C:B	1.0
2D2K:B	3GS8:B	1.0
2D2K:B	2NPY:B	1.0
2D2L:B	2FGP:B	1.0
2D2L:B	2OUE:B	1.0
2D2L:B	1X9C:B	1.0
2D2L:B	3GS8:B	1.0
2D2L:B	2NPY:B	1.0
2FGP:B	2OUE:B	1.0
2FGP:B	1X9C:B	1.0
2FGP:B	3GS8:B	1.0
2FGP:B	2NPY:B	1.0
2OUE:B	1X9C:B	1.0
2OUE:B	3GS8:B	1.0
2OUE:B	2NPY:B	1.0
1X9C:B	3GS8:B	1.0
1X9C:B	2NPY:B	1.0
3GS8:B	2NPY:B	1.0
subgraph 53 has 5 nodes		
4E59:A	4E58:C	1.0
4E59:A	4E59:B	1.0
4E59:A	4E58:D	1.0
4E59:A	4E58:E	1.0
4E58:C	4E59:B	1.0

4E58:C	4E58:D	1.0
4E58:C	4E58:E	1.0
4E59:B	4E58:D	1.0
4E59:B	4E58:E	1.0
4E58:D	4E58:E	1.0
subgraph 54 has 3 nodes		
3E5F:A	3E5C:A	1.0
3E5F:A	3E5E:A	1.0
3E5C:A	3E5E:A	1.0
subgraph 55 has 2 nodes		
2BCY:B	1ZFY:B	1.0
subgraph 56 has 4 nodes		
420D:B	420D:A	1.0
420D:B	2H1M:A	1.0
420D:B	2H1M:B	1.0
420D:A	2H1M:A	1.0
420D:A	2H1M:B	1.0
2H1M:A	2H1M:B	1.0
subgraph 57 has 2 nodes		
1MWG:A	1MWG:B	1.0
subgraph 58 has 2 nodes		
2KD4:A	2KD4:B	1.0
subgraph 59 has 14 nodes		
2B8R:B	2B8R:A	1.0
2B8R:B	1XPE:B	1.0
2B8R:B	2OJO:B	1.0
2B8R:B	2OJO:A	1.0
2B8R:B	1XPE:A	1.0
2B8R:B	2OIY:B	1.0
2B8R:B	2OIY:A	1.0
2B8R:B	1JU1:B	1.0
2B8R:B	1JU1:A	1.0
2B8R:B	3FAR:B	1.0
2B8R:B	2OIJ:A	1.0
2B8R:B	2OIJ:B	1.0
2B8R:B	3FAR:A	1.0
2B8R:A	1XPE:B	1.0
2B8R:A	2OJO:B	1.0
2B8R:A	2OJO:A	1.0
2B8R:A	1XPE:A	1.0
2B8R:A	2OIY:B	1.0

2B8R:A	2OIY:A	1.0
2B8R:A	1JU1:B	1.0
2B8R:A	1JU1:A	1.0
2B8R:A	3FAR:B	1.0
2B8R:A	2OIJ:A	1.0
2B8R:A	2OIJ:B	1.0
2B8R:A	3FAR:A	1.0
1XPE:B	2OJ0:B	1.0
1XPE:B	2OJ0:A	1.0
1XPE:B	1XPE:A	1.0
1XPE:B	2OIY:B	1.0
1XPE:B	2OIY:A	1.0
1XPE:B	1JU1:B	1.0
1XPE:B	1JU1:A	1.0
1XPE:B	3FAR:B	1.0
1XPE:B	2OIJ:A	1.0
1XPE:B	2OIJ:B	1.0
1XPE:B	3FAR:A	1.0
2OJ0:B	2OJ0:A	1.0
2OJ0:B	1XPE:A	1.0
2OJ0:B	2OIY:B	1.0
2OJ0:B	2OIY:A	1.0
2OJ0:B	1JU1:B	1.0
2OJ0:B	1JU1:A	1.0
2OJ0:B	3FAR:B	1.0
2OJ0:B	2OIJ:A	1.0
2OJ0:B	2OIJ:B	1.0
2OJ0:B	3FAR:A	1.0
2OJ0:A	1XPE:A	1.0
2OJ0:A	2OIY:B	1.0
2OJ0:A	2OIY:A	1.0
2OJ0:A	1JU1:B	1.0
2OJ0:A	1JU1:A	1.0
2OJ0:A	3FAR:B	1.0
2OJ0:A	2OIJ:A	1.0
2OJ0:A	2OIJ:B	1.0
2OJ0:A	3FAR:A	1.0
1XPE:A	2OIY:B	1.0
1XPE:A	2OIY:A	1.0
1XPE:A	1JU1:B	1.0
1XPE:A	1JU1:A	1.0

1XPE:A	3FAR:B	1.0
1XPE:A	2OIJ:A	1.0
1XPE:A	2OIJ:B	1.0
1XPE:A	3FAR:A	1.0
2OIJ:B	2OIJ:A	1.0
2OIJ:B	1JU1:B	1.0
2OIJ:B	1JU1:A	1.0
2OIJ:B	3FAR:B	1.0
2OIJ:B	2OIJ:A	1.0
2OIJ:B	2OIJ:B	1.0
2OIJ:B	3FAR:A	1.0
2OIJ:A	1JU1:B	1.0
2OIJ:A	1JU1:A	1.0
2OIJ:A	3FAR:B	1.0
2OIJ:A	2OIJ:A	1.0
2OIJ:A	2OIJ:B	1.0
2OIJ:A	3FAR:A	1.0
1JU1:B	1JU1:A	1.0
1JU1:B	3FAR:B	1.0
1JU1:B	2OIJ:A	1.0
1JU1:B	2OIJ:B	1.0
1JU1:B	3FAR:A	1.0
1JU1:A	3FAR:B	1.0
1JU1:A	2OIJ:A	1.0
1JU1:A	2OIJ:B	1.0
1JU1:A	3FAR:A	1.0
3FAR:B	2OIJ:A	1.0
3FAR:B	2OIJ:B	1.0
3FAR:B	3FAR:A	1.0
2OIJ:A	2OIJ:B	1.0
2OIJ:A	3FAR:A	1.0
2OIJ:B	3FAR:A	1.0
subgraph 60 has 10 nodes		
2HOP:A	4NYB:A	1.0
2HOP:A	2HOM:A	1.0
2HOP:A	4NYD:A	1.0
2HOP:A	2HOJ:A	1.0
2HOP:A	4NYG:A	1.0
2HOP:A	2HOL:A	1.0
2HOP:A	2HOK:A	1.0
2HOP:A	4NYC:A	1.0

2HOP:A	2HOO:A	1.0
2HOM:A	4NYD:A	1.0
2HOM:A	2HOJ:A	1.0
2HOM:A	4NYG:A	1.0
2HOM:A	4NYB:A	1.0
2HOM:A	2HOL:A	1.0
2HOM:A	2HOK:A	1.0
2HOM:A	4NYC:A	1.0
2HOM:A	2HOO:A	1.0
4NYD:A	2HOJ:A	1.0
4NYD:A	4NYG:A	1.0
4NYD:A	4NYB:A	1.0
4NYD:A	2HOL:A	1.0
4NYD:A	2HOK:A	1.0
4NYD:A	4NYC:A	1.0
4NYD:A	2HOO:A	1.0
2HOJ:A	4NYG:A	1.0
2HOJ:A	4NYB:A	1.0
2HOJ:A	2HOL:A	1.0
2HOJ:A	2HOK:A	1.0
2HOJ:A	4NYC:A	1.0
2HOJ:A	2HOO:A	1.0
4NYG:A	4NYB:A	1.0
4NYG:A	2HOL:A	1.0
4NYG:A	2HOK:A	1.0
4NYG:A	4NYC:A	1.0
4NYG:A	2HOO:A	1.0
4NYB:A	2HOL:A	1.0
4NYB:A	2HOK:A	1.0
4NYB:A	4NYC:A	1.0
4NYB:A	2HOO:A	1.0
2HOL:A	2HOK:A	1.0
2HOL:A	4NYC:A	1.0
2HOL:A	2HOO:A	1.0
2HOK:A	4NYC:A	1.0
2HOK:A	2HOO:A	1.0
4NYC:A	2HOO:A	1.0
subgraph 61 has 6 nodes		
1KD4:A	1KD3:B	1.0
1KD4:A	1KD4:B	1.0
1KD4:A	1KD5:A	1.0

1KD4:A	1KD3:A	1.0
1KD4:A	1KD5:B	1.0
1KD3:B	1KD4:B	1.0
1KD3:B	1KD5:A	1.0
1KD3:B	1KD3:A	1.0
1KD3:B	1KD5:B	1.0
1KD4:B	1KD3:A	1.0
1KD4:B	1KD5:A	1.0
1KD4:B	1KD5:B	1.0
1KD5:A	1KD3:A	1.0
1KD5:A	1KD5:B	1.0
1KD3:A	1KD5:B	1.0
subgraph 62 has 5 nodes		
1MDG:A	1J6S:D	1.0
1MDG:A	1J6S:A	1.0
1MDG:A	1J6S:B	1.0
1MDG:A	1J6S:C	1.0
1J6S:D	1J6S:A	1.0
1J6S:D	1J6S:B	1.0
1J6S:D	1J6S:C	1.0
1J6S:A	1J6S:B	1.0
1J6S:A	1J6S:C	1.0
1J6S:B	1J6S:C	1.0
subgraph 63 has 2 nodes		
3BNR:B	3BNS:B	1.0
subgraph 64 has 7 nodes		
3BNR:C	3BNR:A	1.0
3BNR:C	3BNS:C	1.0
3BNR:C	3BNS:A	1.0
3BNR:C	3BNQ:A	1.0
3BNR:C	3BNQ:B	1.0
3BNR:C	3BNQ:C	1.0
3BNR:A	3BNS:C	1.0
3BNR:A	3BNS:A	1.0
3BNR:A	3BNQ:A	1.0
3BNR:A	3BNQ:B	1.0
3BNR:A	3BNQ:C	1.0
3BNS:C	3BNS:A	1.0
3BNS:C	3BNQ:A	1.0
3BNS:C	3BNQ:B	1.0
3BNS:C	3BNQ:C	1.0

3BNS:A	3BNQ:A	1.0
3BNS:A	3BNQ:B	1.0
3BNS:A	3BNQ:C	1.0
3BNQ:A	3BNQ:B	1.0
3BNQ:A	3BNQ:C	1.0
3BNQ:B	3BNQ:C	1.0
subgraph 65 has 3 nodes		
3BNQ:D	3BNS:D	1.0
3BNQ:D	3BNR:D	1.0
3BNS:D	3BNR:D	1.0
subgraph 66 has 2 nodes		
3RG5:B	3RG5:A	1.0
subgraph 67 has 4 nodes		
2M18:A	2M18:B	1.0
2M18:A	2M18:C	1.0
2M18:A	2M18:D	1.0
2M18:B	2M18:C	1.0
2M18:B	2M18:D	1.0
2M18:C	2M18:D	1.0
subgraph 68 has 3 nodes		
3NPQ:B	3NPQ:C	1.0
3NPQ:B	3NPQ:A	1.0
3NPQ:C	3NPQ:A	1.0
subgraph 69 has 2 nodes		
1XSU:A	1XSH:A	1.0
subgraph 70 has 4 nodes		
5C45:Y	3F4G:Y	1.0
5C45:Y	3F4H:Y	1.0
5C45:Y	3F4E:Y	1.0
3F4G:Y	3F4H:Y	1.0
3F4G:Y	3F4E:Y	1.0
3F4H:Y	3F4E:Y	1.0
subgraph 71 has 10 nodes		
429D:B	429D:D	1.0
429D:B	1NUV:H	1.0
429D:B	1NUJ:H	1.0
429D:B	1NUV:F	1.0
429D:B	1NUJ:D	1.0
429D:B	1NUV:B	1.0
429D:B	1NUV:D	1.0
429D:B	1NUJ:F	1.0

429D:B	1NUJ:B	1.0
429D:D	1NUV:H	1.0
429D:D	1NUJ:H	1.0
429D:D	1NUV:F	1.0
429D:D	1NUJ:D	1.0
429D:D	1NUV:B	1.0
429D:D	1NUV:D	1.0
429D:D	1NUJ:F	1.0
429D:D	1NUJ:B	1.0
1NUV:H	1NUJ:H	1.0
1NUV:H	1NUV:F	1.0
1NUV:H	1NUJ:D	1.0
1NUV:H	1NUV:B	1.0
1NUV:H	1NUV:D	1.0
1NUV:H	1NUJ:F	1.0
1NUV:H	1NUJ:B	1.0
1NUJ:H	1NUV:F	1.0
1NUJ:H	1NUJ:D	1.0
1NUJ:H	1NUV:B	1.0
1NUJ:H	1NUV:D	1.0
1NUJ:H	1NUJ:F	1.0
1NUJ:H	1NUJ:B	1.0
1NUV:F	1NUJ:D	1.0
1NUV:F	1NUV:B	1.0
1NUV:F	1NUV:D	1.0
1NUV:F	1NUJ:F	1.0
1NUV:F	1NUJ:B	1.0
1NUJ:D	1NUV:B	1.0
1NUJ:D	1NUV:D	1.0
1NUJ:D	1NUJ:F	1.0
1NUJ:D	1NUJ:B	1.0
1NUV:B	1NUJ:F	1.0
1NUV:B	1NUV:D	1.0
1NUV:B	1NUJ:B	1.0
1NUV:D	1NUJ:F	1.0
1NUV:D	1NUJ:B	1.0
1NUJ:F	1NUJ:B	1.0
subgraph 72 has 10 nodes		
429D:A	429D:C	1.0
429D:A	1NUV:C	1.0
429D:A	1NUV:G	1.0

429D:A	1NUV:E	1.0
429D:A	1NUV:A	1.0
429D:A	1NUJ:E	1.0
429D:A	1NUJ:G	1.0
429D:A	1NUJ:A	1.0
429D:A	1NUJ:C	1.0
429D:C	1NUV:G	1.0
429D:C	1NUV:C	1.0
429D:C	1NUV:E	1.0
429D:C	1NUV:A	1.0
429D:C	1NUJ:E	1.0
429D:C	1NUJ:G	1.0
429D:C	1NUJ:A	1.0
429D:C	1NUJ:C	1.0
1NUV:C	1NUV:G	1.0
1NUV:C	1NUV:E	1.0
1NUV:C	1NUV:A	1.0
1NUV:C	1NUJ:E	1.0
1NUV:C	1NUJ:G	1.0
1NUV:C	1NUJ:A	1.0
1NUV:C	1NUJ:C	1.0
1NUV:G	1NUV:E	1.0
1NUV:G	1NUV:A	1.0
1NUV:G	1NUJ:E	1.0
1NUV:G	1NUJ:G	1.0
1NUV:G	1NUJ:A	1.0
1NUV:G	1NUJ:C	1.0
1NUV:E	1NUV:A	1.0
1NUV:E	1NUJ:E	1.0
1NUV:E	1NUJ:G	1.0
1NUV:E	1NUJ:A	1.0
1NUV:E	1NUJ:C	1.0
1NUV:A	1NUJ:E	1.0
1NUV:A	1NUJ:G	1.0
1NUV:A	1NUJ:A	1.0
1NUV:A	1NUJ:C	1.0
1NUJ:E	1NUJ:G	1.0
1NUJ:E	1NUJ:A	1.0
1NUJ:E	1NUJ:C	1.0
1NUJ:G	1NUJ:A	1.0
1NUJ:G	1NUJ:C	1.0

1NUJ:A	1NUJ:C	1.0
subgraph 73 has 6 nodes		
1LC6:A	1SY4:A	1.0
1LC6:A	1SYZ:A	1.0
1LC6:A	2KEZ:A	1.0
1LC6:A	2KF0:A	1.0
1LC6:A	1NZ1:A	1.0
1SY4:A	1NZ1:A	1.0
1SY4:A	1SYZ:A	1.0
1SY4:A	2KEZ:A	1.0
1SY4:A	2KF0:A	1.0
1NZ1:A	1SYZ:A	1.0
1NZ1:A	2KF0:A	1.0
1NZ1:A	2KEZ:A	1.0
1SYZ:A	2KEZ:A	1.0
1SYZ:A	2KF0:A	1.0
2KEZ:A	2KF0:A	1.0
subgraph 74 has 2 nodes		
3CJZ:B	3CJZ:A	1.0
subgraph 75 has 8 nodes		
434D:B	434D:D	1.0
434D:B	466D:D	1.0
434D:B	466D:B	1.0
434D:B	435D:D	1.0
434D:B	464D:D	1.0
434D:B	464D:B	1.0
434D:B	435D:B	1.0
434D:D	466D:D	1.0
434D:D	466D:B	1.0
434D:D	435D:D	1.0
434D:D	464D:D	1.0
434D:D	464D:B	1.0
434D:D	435D:B	1.0
466D:D	466D:B	1.0
466D:D	435D:D	1.0
466D:D	464D:D	1.0
466D:D	464D:B	1.0
466D:D	435D:B	1.0
466D:B	435D:D	1.0
466D:B	464D:D	1.0
466D:B	464D:B	1.0

466D:B	435D:B	1.0
435D:D	464D:D	1.0
435D:D	464D:B	1.0
435D:D	435D:B	1.0
464D:D	464D:B	1.0
464D:D	435D:B	1.0
464D:B	435D:B	1.0
subgraph 76 has 2 nodes		
1NBR:A	1AQO:A	1.0
subgraph 77 has 24 nodes		
1Y99:A	1Y99:B	1.0
1Y99:A	1Y73:A	1.0
1Y99:A	1Y73:B	1.0
1Y99:A	1XPF:A	1.0
1Y99:A	462D:A	1.0
1Y99:A	462D:B	1.0
1Y99:A	1XPF:B	1.0
1Y99:A	1Y90:A	1.0
1Y99:A	1Y90:B	1.0
1Y99:A	1NLC:B	1.0
1Y99:A	1O3Z:B	1.0
1Y99:A	1O3Z:A	1.0
1Y99:A	1NLC:A	1.0
1Y99:A	1WVD:B	1.0
1Y99:A	1Y95:A	1.0
1Y99:A	1Y95:B	1.0
1Y99:A	1WVD:A	1.0
1Y99:A	2B8S:B	1.0
1Y99:A	2B8S:A	1.0
1Y99:A	1Y6S:B	1.0
1Y99:A	1Y6S:A	1.0
1Y99:A	1Y6T:A	1.0
1Y99:A	1Y6T:B	1.0
1Y99:B	1Y73:A	1.0
1Y99:B	1Y73:B	1.0
1Y99:B	1XPF:A	1.0
1Y99:B	462D:A	1.0
1Y99:B	462D:B	1.0
1Y99:B	1XPF:B	1.0
1Y99:B	1Y90:A	1.0
1Y99:B	1Y90:B	1.0

1Y99:B	1NLC:B	1.0
1Y99:B	1O3Z:B	1.0
1Y99:B	1O3Z:A	1.0
1Y99:B	1NLC:A	1.0
1Y99:B	1WVD:B	1.0
1Y99:B	1Y95:A	1.0
1Y99:B	1Y95:B	1.0
1Y99:B	1WVD:A	1.0
1Y99:B	2B8S:B	1.0
1Y99:B	2B8S:A	1.0
1Y99:B	1Y6S:B	1.0
1Y99:B	1Y6S:A	1.0
1Y99:B	1Y6T:A	1.0
1Y99:B	1Y6T:B	1.0
1Y73:A	1Y73:B	1.0
1Y73:A	1XPF:A	1.0
1Y73:A	462D:A	1.0
1Y73:A	462D:B	1.0
1Y73:A	1XPF:B	1.0
1Y73:A	1Y90:A	1.0
1Y73:A	1Y90:B	1.0
1Y73:A	1NLC:B	1.0
1Y73:A	1O3Z:B	1.0
1Y73:A	1O3Z:A	1.0
1Y73:A	1NLC:A	1.0
1Y73:A	1WVD:B	1.0
1Y73:A	1Y95:A	1.0
1Y73:A	1Y95:B	1.0
1Y73:A	1WVD:A	1.0
1Y73:A	2B8S:B	1.0
1Y73:A	2B8S:A	1.0
1Y73:A	1Y6S:B	1.0
1Y73:A	1Y6S:A	1.0
1Y73:A	1Y6T:A	1.0
1Y73:A	1Y6T:B	1.0
1Y73:B	1XPF:A	1.0
1Y73:B	462D:A	1.0
1Y73:B	462D:B	1.0
1Y73:B	1XPF:B	1.0
1Y73:B	1Y90:A	1.0
1Y73:B	1Y90:B	1.0

1Y73:B	1NLC:B	1.0
1Y73:B	1O3Z:B	1.0
1Y73:B	1O3Z:A	1.0
1Y73:B	1NLC:A	1.0
1Y73:B	1WVD:B	1.0
1Y73:B	1Y95:A	1.0
1Y73:B	1Y95:B	1.0
1Y73:B	1WVD:A	1.0
1Y73:B	2B8S:B	1.0
1Y73:B	2B8S:A	1.0
1Y73:B	1Y6S:B	1.0
1Y73:B	1Y6S:A	1.0
1Y73:B	1Y6T:A	1.0
1Y73:B	1Y6T:B	1.0
1XPF:A	462D:A	1.0
1XPF:A	462D:B	1.0
1XPF:A	1XPF:B	1.0
1XPF:A	1Y90:A	1.0
1XPF:A	1Y90:B	1.0
1XPF:A	1NLC:B	1.0
1XPF:A	1O3Z:B	1.0
1XPF:A	1O3Z:A	1.0
1XPF:A	1NLC:A	1.0
1XPF:A	1WVD:B	1.0
1XPF:A	1Y95:A	1.0
1XPF:A	1Y95:B	1.0
1XPF:A	1WVD:A	1.0
1XPF:A	2B8S:B	1.0
1XPF:A	2B8S:A	1.0
1XPF:A	1Y6S:B	1.0
1XPF:A	1Y6S:A	1.0
1XPF:A	1Y6T:A	1.0
1XPF:A	1Y6T:B	1.0
462D:A	462D:B	1.0
462D:A	1XPF:B	1.0
462D:A	1Y90:A	1.0
462D:A	1Y90:B	1.0
462D:A	1NLC:B	1.0
462D:A	1O3Z:B	1.0
462D:A	1O3Z:A	1.0
462D:A	1NLC:A	1.0

462D:A	1WVD:B	1.0
462D:A	1Y95:A	1.0
462D:A	1Y95:B	1.0
462D:A	1WVD:A	1.0
462D:A	2B8S:B	1.0
462D:A	2B8S:A	1.0
462D:A	1Y6S:B	1.0
462D:A	1Y6S:A	1.0
462D:A	1Y6T:A	1.0
462D:A	1Y6T:B	1.0
462D:B	1XPF:B	1.0
462D:B	1Y90:A	1.0
462D:B	1Y90:B	1.0
462D:B	1NLC:B	1.0
462D:B	1O3Z:B	1.0
462D:B	1O3Z:A	1.0
462D:B	1NLC:A	1.0
462D:B	1WVD:B	1.0
462D:B	1Y95:A	1.0
462D:B	1Y95:B	1.0
462D:B	1WVD:A	1.0
462D:B	2B8S:B	1.0
462D:B	2B8S:A	1.0
462D:B	1Y6S:B	1.0
462D:B	1Y6S:A	1.0
462D:B	1Y6T:A	1.0
462D:B	1Y6T:B	1.0
1XPF:B	1Y90:A	1.0
1XPF:B	1Y90:B	1.0
1XPF:B	1NLC:B	1.0
1XPF:B	1O3Z:B	1.0
1XPF:B	1O3Z:A	1.0
1XPF:B	1NLC:A	1.0
1XPF:B	1WVD:B	1.0
1XPF:B	1Y95:A	1.0
1XPF:B	1Y95:B	1.0
1XPF:B	1WVD:A	1.0
1XPF:B	2B8S:B	1.0
1XPF:B	2B8S:A	1.0
1XPF:B	1Y6S:B	1.0
1XPF:B	1Y6S:A	1.0

1XPF:B	1Y6T:A	1.0
1XPF:B	1Y6T:B	1.0
1Y90:A	1Y90:B	1.0
1Y90:A	1NLC:B	1.0
1Y90:A	1O3Z:B	1.0
1Y90:A	1O3Z:A	1.0
1Y90:A	1NLC:A	1.0
1Y90:A	1WVD:B	1.0
1Y90:A	1Y95:A	1.0
1Y90:A	1Y95:B	1.0
1Y90:A	1WVD:A	1.0
1Y90:A	2B8S:B	1.0
1Y90:A	2B8S:A	1.0
1Y90:A	1Y6S:B	1.0
1Y90:A	1Y6S:A	1.0
1Y90:A	1Y6T:A	1.0
1Y90:A	1Y6T:B	1.0
1Y90:B	1NLC:B	1.0
1Y90:B	1O3Z:B	1.0
1Y90:B	1O3Z:A	1.0
1Y90:B	1NLC:A	1.0
1Y90:B	1WVD:B	1.0
1Y90:B	1Y95:A	1.0
1Y90:B	1Y95:B	1.0
1Y90:B	1WVD:A	1.0
1Y90:B	2B8S:B	1.0
1Y90:B	2B8S:A	1.0
1Y90:B	1Y6S:B	1.0
1Y90:B	1Y6S:A	1.0
1Y90:B	1Y6T:A	1.0
1Y90:B	1Y6T:B	1.0
1NLC:B	1O3Z:B	1.0
1NLC:B	1O3Z:A	1.0
1NLC:B	1NLC:A	1.0
1NLC:B	1WVD:B	1.0
1NLC:B	1Y95:A	1.0
1NLC:B	1Y95:B	1.0
1NLC:B	1WVD:A	1.0
1NLC:B	2B8S:B	1.0
1NLC:B	2B8S:A	1.0
1NLC:B	1Y6S:B	1.0

1NLC:B	1Y6S:A	1.0
1NLC:B	1Y6T:A	1.0
1NLC:B	1Y6T:B	1.0
1O3Z:B	1O3Z:A	1.0
1O3Z:B	1NLC:A	1.0
1O3Z:B	1WVD:B	1.0
1O3Z:B	1Y95:A	1.0
1O3Z:B	1Y95:B	1.0
1O3Z:B	1WVD:A	1.0
1O3Z:B	2B8S:B	1.0
1O3Z:B	2B8S:A	1.0
1O3Z:B	1Y6S:B	1.0
1O3Z:B	1Y6S:A	1.0
1O3Z:B	1Y6T:A	1.0
1O3Z:B	1Y6T:B	1.0
1O3Z:A	1NLC:A	1.0
1O3Z:A	1WVD:B	1.0
1O3Z:A	1Y95:A	1.0
1O3Z:A	1Y95:B	1.0
1O3Z:A	1WVD:A	1.0
1O3Z:A	2B8S:B	1.0
1O3Z:A	2B8S:A	1.0
1O3Z:A	1Y6S:B	1.0
1O3Z:A	1Y6S:A	1.0
1O3Z:A	1Y6T:A	1.0
1O3Z:A	1Y6T:B	1.0
1NLC:A	1WVD:B	1.0
1NLC:A	1Y95:A	1.0
1NLC:A	1Y95:B	1.0
1NLC:A	1WVD:A	1.0
1NLC:A	2B8S:B	1.0
1NLC:A	2B8S:A	1.0
1NLC:A	1Y6S:B	1.0
1NLC:A	1Y6S:A	1.0
1NLC:A	1Y6T:A	1.0
1NLC:A	1Y6T:B	1.0
1WVD:B	1Y95:A	1.0
1WVD:B	1Y95:B	1.0
1WVD:B	1WVD:A	1.0
1WVD:B	2B8S:B	1.0
1WVD:B	2B8S:A	1.0

1WVD:B	1Y6S:B	1.0
1WVD:B	1Y6S:A	1.0
1WVD:B	1Y6T:A	1.0
1WVD:B	1Y6T:B	1.0
1Y95:A	1Y95:B	1.0
1Y95:A	1WVD:A	1.0
1Y95:A	2B8S:B	1.0
1Y95:A	2B8S:A	1.0
1Y95:A	1Y6S:B	1.0
1Y95:A	1Y6S:A	1.0
1Y95:A	1Y6T:A	1.0
1Y95:A	1Y6T:B	1.0
1Y95:B	1WVD:A	1.0
1Y95:B	2B8S:B	1.0
1Y95:B	2B8S:A	1.0
1Y95:B	1Y6S:B	1.0
1Y95:B	1Y6S:A	1.0
1Y95:B	1Y6T:A	1.0
1Y95:B	1Y6T:B	1.0
1WVD:A	2B8S:B	1.0
1WVD:A	2B8S:A	1.0
1WVD:A	1Y6S:B	1.0
1WVD:A	1Y6S:A	1.0
1WVD:A	1Y6T:A	1.0
1WVD:A	1Y6T:B	1.0
2B8S:B	2B8S:A	1.0
2B8S:B	1Y6S:B	1.0
2B8S:B	1Y6S:A	1.0
2B8S:B	1Y6T:A	1.0
2B8S:B	1Y6T:B	1.0
2B8S:A	1Y6S:B	1.0
2B8S:A	1Y6S:A	1.0
2B8S:A	1Y6T:A	1.0
2B8S:A	1Y6T:B	1.0
1Y6S:B	1Y6S:A	1.0
1Y6S:B	1Y6T:A	1.0
1Y6S:B	1Y6T:B	1.0
1Y6S:A	1Y6T:A	1.0
1Y6S:A	1Y6T:B	1.0
1Y6T:A	1Y6T:B	1.0
subgraph 78 has 2 nodes		

435D:A	435D:C	1.0
subgraph 79 has 11 nodes		
4P20:B	4P20:A	1.0
4P20:B	1YRJ:A	1.0
4P20:B	2F4T:B	1.0
4P20:B	1LC4:B	1.0
4P20:B	2O3X:A	1.0
4P20:B	1LC4:A	1.0
4P20:B	1YRJ:B	1.0
4P20:B	2O3X:B	1.0
4P20:B	2ESI:A	1.0
4P20:B	2ESI:B	1.0
4P20:A	1YRJ:A	1.0
4P20:A	2F4T:B	1.0
4P20:A	1LC4:B	1.0
4P20:A	2O3X:A	1.0
4P20:A	1LC4:A	1.0
4P20:A	1YRJ:B	1.0
4P20:A	2O3X:B	1.0
4P20:A	2ESI:A	1.0
4P20:A	2ESI:B	1.0
1YRJ:A	2F4T:B	1.0
1YRJ:A	1LC4:B	1.0
1YRJ:A	2O3X:A	1.0
1YRJ:A	1LC4:A	1.0
1YRJ:A	1YRJ:B	1.0
1YRJ:A	2O3X:B	1.0
1YRJ:A	2ESI:A	1.0
1YRJ:A	2ESI:B	1.0
2F4T:B	1LC4:B	1.0
2F4T:B	2O3X:A	1.0
2F4T:B	1LC4:A	1.0
2F4T:B	1YRJ:B	1.0
2F4T:B	2O3X:B	1.0
2F4T:B	2ESI:A	1.0
2F4T:B	2ESI:B	1.0
1LC4:B	1YRJ:B	1.0
1LC4:B	1LC4:A	1.0
1LC4:B	2O3X:A	1.0
1LC4:B	2O3X:B	1.0
1LC4:B	2ESI:A	1.0

1LC4:B	2ESI:B	1.0
2O3X:A	1LC4:A	1.0
2O3X:A	2ESI:B	1.0
2O3X:A	2O3X:B	1.0
2O3X:A	2ESI:A	1.0
2O3X:A	1YRJ:B	1.0
1LC4:A	1YRJ:B	1.0
1LC4:A	2O3X:B	1.0
1LC4:A	2ESI:A	1.0
1LC4:A	2ESI:B	1.0
1YRJ:B	2ESI:A	1.0
1YRJ:B	2O3X:B	1.0
1YRJ:B	2ESI:B	1.0
2O3X:B	2ESI:A	1.0
2O3X:B	2ESI:B	1.0
2ESI:A	2ESI:B	1.0
subgraph 80 has 13 nodes		
434D:C	4U37:A	1.0
434D:C	466D:A	1.0
434D:C	4U38:A	1.0
434D:C	4U38:C	1.0
434D:C	434D:A	1.0
434D:C	466D:C	1.0
434D:C	4U35:A	1.0
434D:C	4U38:G	1.0
434D:C	464D:C	1.0
434D:C	4U38:E	1.0
434D:C	464D:A	1.0
434D:C	4U34:A	1.0
4U37:A	434D:A	1.0
4U37:A	4U38:A	1.0
4U37:A	4U38:C	1.0
4U37:A	466D:A	1.0
4U37:A	4U38:G	1.0
4U37:A	4U35:A	1.0
4U37:A	464D:C	1.0
4U37:A	4U38:E	1.0
4U37:A	464D:A	1.0
4U37:A	4U34:A	1.0
4U37:A	466D:C	1.0
4U38:A	434D:A	1.0

4U38:A	4U38:C	1.0
4U38:A	4U38:E	1.0
4U38:A	466D:A	1.0
4U38:A	4U35:A	1.0
4U38:A	4U38:G	1.0
4U38:A	464D:C	1.0
4U38:A	464D:A	1.0
4U38:A	4U34:A	1.0
4U38:A	466D:C	1.0
4U38:C	434D:A	1.0
4U38:C	466D:A	1.0
4U38:C	4U35:A	1.0
4U38:C	4U38:G	1.0
4U38:C	464D:C	1.0
4U38:C	4U38:E	1.0
4U38:C	464D:A	1.0
4U38:C	4U34:A	1.0
4U38:C	466D:C	1.0
434D:A	466D:A	1.0
434D:A	4U38:G	1.0
434D:A	4U35:A	1.0
434D:A	464D:C	1.0
434D:A	4U38:E	1.0
434D:A	464D:A	1.0
434D:A	4U34:A	1.0
434D:A	466D:C	1.0
466D:A	4U38:G	1.0
466D:A	4U35:A	1.0
466D:A	464D:C	1.0
466D:A	4U38:E	1.0
466D:A	464D:A	1.0
466D:A	4U34:A	1.0
466D:A	466D:C	1.0
4U35:A	4U38:G	1.0
4U35:A	464D:C	1.0
4U35:A	4U38:E	1.0
4U35:A	464D:A	1.0
4U35:A	4U34:A	1.0
4U35:A	466D:C	1.0
4U38:G	464D:C	1.0
4U38:G	4U38:E	1.0

4U38:G	464D:A	1.0
4U38:G	4U34:A	1.0
4U38:G	466D:C	1.0
464D:C	4U38:E	1.0
464D:C	464D:A	1.0
464D:C	4U34:A	1.0
464D:C	466D:C	1.0
4U38:E	464D:A	1.0
4U38:E	4U34:A	1.0
4U38:E	466D:C	1.0
464D:A	4U34:A	1.0
464D:A	466D:C	1.0
4U34:A	466D:C	1.0
subgraph 81 has 7 nodes		
2A0P:B	2A0P:A	1.0
2A0P:B	1RXB:B	1.0
2A0P:B	1RXB:A	1.0
2A0P:B	259D:A	1.0
2A0P:B	259D:B	1.0
2A0P:B	1RXA:A	1.0
2A0P:A	1RXB:B	1.0
2A0P:A	1RXB:A	1.0
2A0P:A	259D:A	1.0
2A0P:A	259D:B	1.0
2A0P:A	1RXA:A	1.0
1RXB:B	1RXB:A	1.0
1RXB:B	259D:A	1.0
1RXB:B	259D:B	1.0
1RXB:B	1RXA:A	1.0
1RXB:A	259D:A	1.0
1RXB:A	259D:B	1.0
1RXB:A	1RXA:A	1.0
259D:A	259D:B	1.0
259D:A	1RXA:A	1.0
259D:B	1RXA:A	1.0
subgraph 82 has 2 nodes		
2DD3:A	2DD2:A	1.0
subgraph 83 has 3 nodes		
2DD3:B	1XV0:B	1.0
2DD3:B	2DD2:B	1.0
1XV0:B	2DD2:B	1.0

subgraph 84 has 12 nodes		
1T4X:B	1T4X:A	1.0
1T4X:B	1I7J:A	1.0
1T4X:B	310D:A	1.0
1T4X:B	310D:B	1.0
1T4X:B	1I7J:B	1.0
1T4X:B	1PBL:A	1.0
1T4X:B	1PBL:B	1.0
1T4X:B	1PBM:B	1.0
1T4X:B	1PBM:A	1.0
1T4X:B	1G3A:B	1.0
1T4X:B	1G3A:A	1.0
1T4X:A	1I7J:A	1.0
1T4X:A	310D:A	1.0
1T4X:A	310D:B	1.0
1T4X:A	1I7J:B	1.0
1T4X:A	1PBL:A	1.0
1T4X:A	1PBL:B	1.0
1T4X:A	1PBM:B	1.0
1T4X:A	1PBM:A	1.0
1T4X:A	1G3A:B	1.0
1T4X:A	1G3A:A	1.0
1I7J:A	310D:A	1.0
1I7J:A	310D:B	1.0
1I7J:A	1I7J:B	1.0
1I7J:A	1PBL:A	1.0
1I7J:A	1PBL:B	1.0
1I7J:A	1PBM:B	1.0
1I7J:A	1PBM:A	1.0
1I7J:A	1G3A:B	1.0
1I7J:A	1G3A:A	1.0
310D:A	310D:B	1.0
310D:A	1I7J:B	1.0
310D:A	1PBL:A	1.0
310D:A	1PBL:B	1.0
310D:A	1PBM:B	1.0
310D:A	1PBM:A	1.0
310D:A	1G3A:B	1.0
310D:A	1G3A:A	1.0
310D:B	1I7J:B	1.0
310D:B	1PBL:A	1.0

310D:B	1PBL:B	1.0
310D:B	1PBM:B	1.0
310D:B	1PBM:A	1.0
310D:B	1G3A:B	1.0
310D:B	1G3A:A	1.0
1I7J:B	1PBM:A	1.0
1I7J:B	1PBL:A	1.0
1I7J:B	1PBL:B	1.0
1I7J:B	1PBM:B	1.0
1I7J:B	1G3A:A	1.0
1I7J:B	1G3A:B	1.0
1PBL:A	1PBL:B	1.0
1PBL:A	1PBM:B	1.0
1PBL:A	1PBM:A	1.0
1PBL:A	1G3A:B	1.0
1PBL:A	1G3A:A	1.0
1PBL:B	1PBM:B	1.0
1PBL:B	1PBM:A	1.0
1PBL:B	1G3A:B	1.0
1PBL:B	1G3A:A	1.0
1PBM:B	1PBM:A	1.0
1PBM:B	1G3A:B	1.0
1PBM:B	1G3A:A	1.0
1PBM:A	1G3A:A	1.0
1PBM:A	1G3A:B	1.0
1G3A:B	1G3A:A	1.0
subgraph 85 has 4 nodes		
2LBQ:A	2LBR:A	1.0
2LBQ:A	2LA9:A	1.0
2LBQ:A	2LAC:A	1.0
2LBR:A	2LA9:A	1.0
2LBR:A	2LAC:A	1.0
2LA9:A	2LAC:A	1.0
subgraph 86 has 2 nodes		
4E5C:A	4E5C:B	1.0
subgraph 87 has 2 nodes		
361D:A	361D:B	1.0
subgraph 88 has 5 nodes		
3IBK:A	3MIJ:A	1.0
3IBK:A	2KBP:B	1.0
3IBK:A	2KBP:A	1.0

3IBK:A	3IBK:B	1.0
3MIJ:A	2KBP:B	1.0
3MIJ:A	2KBP:A	1.0
3MIJ:A	3IBK:B	1.0
2KBP:A	3IBK:B	1.0
2KBP:A	2KBP:B	1.0
3IBK:B	2KBP:B	1.0
subgraph 89 has 4 nodes		
3D0X:A	3D0U:A	1.0
3D0X:A	4ERL:A	1.0
3D0X:A	4ERJ:A	1.0
3D0U:A	4ERL:A	1.0
3D0U:A	4ERJ:A	1.0
4ERL:A	4ERJ:A	1.0
subgraph 90 has 14 nodes		
3OWW:A	3OWW:B	1.0
3OWW:A	3OX0:B	1.0
3OWW:A	3OXJ:A	1.0
3OWW:A	3OXJ:B	1.0
3OWW:A	3OX0:A	1.0
3OWW:A	3OWI:B	1.0
3OWW:A	3OWI:A	1.0
3OWW:A	3OXE:B	1.0
3OWW:A	3OXE:A	1.0
3OWW:A	3OWZ:A	1.0
3OWW:A	3OWZ:B	1.0
3OWW:A	3OXM:B	1.0
3OWW:A	3OXM:A	1.0
3OWW:B	3OX0:B	1.0
3OWW:B	3OXJ:A	1.0
3OWW:B	3OXJ:B	1.0
3OWW:B	3OX0:A	1.0
3OWW:B	3OWI:B	1.0
3OWW:B	3OWI:A	1.0
3OWW:B	3OXE:B	1.0
3OWW:B	3OXE:A	1.0
3OWW:B	3OWZ:A	1.0
3OWW:B	3OWZ:B	1.0
3OWW:B	3OXM:B	1.0
3OWW:B	3OXM:A	1.0
3OX0:B	3OXJ:A	1.0

3OX0:B	3OXJ:B	1.0
3OX0:B	3OX0:A	1.0
3OX0:B	3OWI:B	1.0
3OX0:B	3OWI:A	1.0
3OX0:B	3OXE:B	1.0
3OX0:B	3OXE:A	1.0
3OX0:B	3OWZ:A	1.0
3OX0:B	3OWZ:B	1.0
3OX0:B	3OXM:B	1.0
3OX0:B	3OXM:A	1.0
3OXJ:A	3OXJ:B	1.0
3OXJ:A	3OX0:A	1.0
3OXJ:A	3OWI:B	1.0
3OXJ:A	3OWI:A	1.0
3OXJ:A	3OXE:B	1.0
3OXJ:A	3OXE:A	1.0
3OXJ:A	3OWZ:A	1.0
3OXJ:A	3OWZ:B	1.0
3OXJ:A	3OXM:B	1.0
3OXJ:A	3OXM:A	1.0
3OXJ:B	3OX0:A	1.0
3OXJ:B	3OWI:B	1.0
3OXJ:B	3OWI:A	1.0
3OXJ:B	3OXE:B	1.0
3OXJ:B	3OXE:A	1.0
3OXJ:B	3OWZ:A	1.0
3OXJ:B	3OWZ:B	1.0
3OXJ:B	3OXM:B	1.0
3OXJ:B	3OXM:A	1.0
3OX0:A	3OWI:B	1.0
3OX0:A	3OWI:A	1.0
3OX0:A	3OXE:B	1.0
3OX0:A	3OXE:A	1.0
3OX0:A	3OWZ:A	1.0
3OX0:A	3OWZ:B	1.0
3OX0:A	3OXM:B	1.0
3OX0:A	3OXM:A	1.0
3OWI:B	3OWI:A	1.0
3OWI:B	3OXE:B	1.0
3OWI:B	3OXE:A	1.0
3OWI:B	3OWZ:A	1.0

3OWI:B	3OWZ:B	1.0
3OWI:B	3OXM:B	1.0
3OWI:B	3OXM:A	1.0
3OWI:A	3OXE:B	1.0
3OWI:A	3OXE:A	1.0
3OWI:A	3OWZ:A	1.0
3OWI:A	3OWZ:B	1.0
3OWI:A	3OXM:B	1.0
3OWI:A	3OXM:A	1.0
3OXE:B	3OXE:A	1.0
3OXE:B	3OWZ:A	1.0
3OXE:B	3OWZ:B	1.0
3OXE:B	3OXM:B	1.0
3OXE:B	3OXM:A	1.0
3OXE:A	3OWZ:A	1.0
3OXE:A	3OWZ:B	1.0
3OXE:A	3OXM:B	1.0
3OXE:A	3OXM:A	1.0
3OWZ:A	3OWZ:B	1.0
3OWZ:A	3OXM:B	1.0
3OWZ:A	3OXM:A	1.0
3OWZ:B	3OXM:B	1.0
3OWZ:B	3OXM:A	1.0
3OXM:B	3OXM:A	1.0
subgraph 91 has 2 nodes		
2MTJ:A	2MTK:A	1.0
subgraph 92 has 6 nodes		
409D:F	409D:E	1.0
409D:F	409D:D	1.0
409D:F	409D:C	1.0
409D:F	409D:B	1.0
409D:F	409D:A	1.0
409D:E	409D:D	1.0
409D:E	409D:C	1.0
409D:E	409D:B	1.0
409D:E	409D:A	1.0
409D:D	409D:C	1.0
409D:D	409D:B	1.0
409D:D	409D:A	1.0
409D:C	409D:B	1.0
409D:C	409D:A	1.0

409D:B	409D:A	1.0
subgraph 93 has 3 nodes		
1KKA:A	2AWQ:A	1.0
1KKA:A	1J4Y:A	1.0
2AWQ:A	1J4Y:A	1.0
subgraph 94 has 2 nodes		
1Q8N:A	1F1T:A	1.0
subgraph 95 has 6 nodes		
2L8H:A	1ARJ:N	1.0
2L8H:A	1ANR:A	1.0
2L8H:A	1UTS:B	1.0
2L8H:A	1UUI:B	1.0
2L8H:A	1UUD:B	1.0
1UUI:B	1ARJ:N	1.0
1UUI:B	1ANR:A	1.0
1UUI:B	1UTS:B	1.0
1UUI:B	1UUD:B	1.0
1UTS:B	1ARJ:N	1.0
1UTS:B	1ANR:A	1.0
1UTS:B	1UUD:B	1.0
1ARJ:N	1ANR:A	1.0
1ARJ:N	1UUD:B	1.0
1ANR:A	1UUD:B	1.0
subgraph 96 has 8 nodes		
3DW5:A	483D:A	1.0
3DW5:A	1Q9A:A	1.0
3DW5:A	3DW6:A	1.0
3DW5:A	3DVZ:A	1.0
3DW5:A	3DW4:A	1.0
3DW5:A	480D:A	1.0
3DW5:A	3DW7:A	1.0
1Q9A:A	483D:A	1.0
1Q9A:A	3DW6:A	1.0
1Q9A:A	3DVZ:A	1.0
1Q9A:A	3DW4:A	1.0
1Q9A:A	480D:A	1.0
1Q9A:A	3DW7:A	1.0
3DW6:A	483D:A	1.0
3DW6:A	3DVZ:A	1.0
3DW6:A	3DW4:A	1.0
3DW6:A	480D:A	1.0

3DW6:A	3DW7:A	1.0
3DVZ:A	483D:A	1.0
3DVZ:A	3DW4:A	1.0
3DVZ:A	480D:A	1.0
3DVZ:A	3DW7:A	1.0
3DW4:A	483D:A	1.0
3DW4:A	480D:A	1.0
3DW4:A	3DW7:A	1.0
480D:A	483D:A	1.0
480D:A	3DW7:A	1.0
483D:A	3DW7:A	1.0
subgraph 97 has 2 nodes		
1SDR:D	1SDR:B	1.0
subgraph 98 has 2 nodes		
1SDR:C	1SDR:A	1.0
subgraph 99 has 4 nodes		
5EW4:B	5EW4:A	1.0
5EW4:B	5EW7:A	1.0
5EW4:B	5EW7:B	1.0
5EW4:A	5EW7:A	1.0
5EW4:A	5EW7:B	1.0
5EW7:A	5EW7:B	1.0
subgraph 100 has 2 nodes		
2KTZ:A	2KU0:A	1.0
subgraph 101 has 3 nodes		
157D:B	157D:A	1.0
157D:B	2Q1R:A	1.0
157D:A	2Q1R:A	1.0
subgraph 102 has 5 nodes		
3R1D:D	3R1D:E	1.0
3R1D:D	3R1D:A	1.0
3R1D:D	3R1D:B	1.0
3R1D:D	3R1D:C	1.0
3R1D:E	3R1D:A	1.0
3R1D:E	3R1D:B	1.0
3R1D:E	3R1D:C	1.0
3R1D:A	3R1D:B	1.0
3R1D:A	3R1D:C	1.0
3R1D:B	3R1D:C	1.0
subgraph 103 has 10 nodes		
2O3V:B	2O3V:A	1.0

203V:B	2FQN:A	1.0
203V:B	203W:B	1.0
203V:B	203W:A	1.0
203V:B	2FQN:B	1.0
203V:B	2G5K:A	1.0
203V:B	2G5K:B	1.0
203V:B	203Y:A	1.0
203V:B	203Y:B	1.0
203V:A	2FQN:A	1.0
203V:A	203W:B	1.0
203V:A	203W:A	1.0
203V:A	2FQN:B	1.0
203V:A	2G5K:A	1.0
203V:A	2G5K:B	1.0
203V:A	203Y:A	1.0
203V:A	203Y:B	1.0
2FQN:A	203W:B	1.0
2FQN:A	203W:A	1.0
2FQN:A	2FQN:B	1.0
2FQN:A	2G5K:A	1.0
2FQN:A	2G5K:B	1.0
2FQN:A	203Y:A	1.0
2FQN:A	203Y:B	1.0
203W:B	203W:A	1.0
203W:B	2FQN:B	1.0
203W:B	2G5K:A	1.0
203W:B	2G5K:B	1.0
203W:B	203Y:A	1.0
203W:B	203Y:B	1.0
203W:A	2FQN:B	1.0
203W:A	2G5K:A	1.0
203W:A	2G5K:B	1.0
203W:A	203Y:A	1.0
203W:A	203Y:B	1.0
2FQN:B	2G5K:A	1.0
2FQN:B	2G5K:B	1.0
2FQN:B	203Y:A	1.0
2FQN:B	203Y:B	1.0
2G5K:A	2G5K:B	1.0
2G5K:A	203Y:A	1.0
2G5K:A	203Y:B	1.0

2G5K:B	2O3Y:A	1.0
2G5K:B	2O3Y:B	1.0
2O3Y:A	2O3Y:B	1.0
subgraph 104 has 2 nodes		
1AKX:A	1AJU:A	1.0
subgraph 105 has 2 nodes		
4Y1M:B	4Y1M:A	1.0
subgraph 106 has 6 nodes		
3WRU:A	4GPY:B	1.0
3WRU:A	3WRU:B	1.0
3WRU:A	4PDQ:A	1.0
3WRU:A	4PDQ:B	1.0
3WRU:A	4GPY:A	1.0
3WRU:B	4GPY:B	1.0
3WRU:B	4GPY:A	1.0
3WRU:B	4PDQ:A	1.0
3WRU:B	4PDQ:B	1.0
4GPY:B	4PDQ:A	1.0
4GPY:B	4PDQ:B	1.0
4GPY:B	4GPY:A	1.0
4GPY:A	4PDQ:A	1.0
4GPY:A	4PDQ:B	1.0
4PDQ:A	4PDQ:B	1.0
subgraph 107 has 4 nodes		
4Y1O:A	4Y1O:B	1.0
4Y1O:A	4Y1N:A	1.0
4Y1O:A	4Y1N:B	1.0
4Y1O:B	4Y1N:A	1.0
4Y1O:B	4Y1N:B	1.0
4Y1N:A	4Y1N:B	1.0
subgraph 108 has 4 nodes		
2D18:A	2D18:B	1.0
2D18:A	2D19:A	1.0
2D18:A	2D19:B	1.0
2D18:B	2D19:A	1.0
2D18:B	2D19:B	1.0
2D19:A	2D19:B	1.0
subgraph 109 has 2 nodes		
4FAW:A	4E8M:A	1.0
subgraph 110 has 7 nodes		
4E8Q:A	4E8V:A	1.0

4E8Q:A	4E8K:A	1.0
4E8Q:A	4E8P:A	1.0
4E8Q:A	4E8T:A	1.0
4E8Q:A	4E8R:A	1.0
4E8Q:A	4E8N:A	1.0
4E8V:A	4E8K:A	1.0
4E8V:A	4E8P:A	1.0
4E8V:A	4E8T:A	1.0
4E8V:A	4E8R:A	1.0
4E8V:A	4E8N:A	1.0
4E8K:A	4E8P:A	1.0
4E8K:A	4E8T:A	1.0
4E8K:A	4E8R:A	1.0
4E8K:A	4E8N:A	1.0
4E8P:A	4E8T:A	1.0
4E8P:A	4E8R:A	1.0
4E8P:A	4E8N:A	1.0
4E8T:A	4E8R:A	1.0
4E8T:A	4E8N:A	1.0
4E8R:A	4E8N:A	1.0
subgraph 111 has 2 nodes		
1YLS:B	1YLS:D	1.0
subgraph 112 has 2 nodes		
4XW0:A	4XW0:B	1.0
subgraph 113 has 2 nodes		
1WTT:A	1WTS:A	1.0
subgraph 114 has 5 nodes		
3G78:A	3BWP:A	1.0
3G78:A	3EOH:A	1.0
3G78:A	3IGI:A	1.0
3G78:A	3EOG:A	1.0
3BWP:A	3EOH:A	1.0
3BWP:A	3IGI:A	1.0
3BWP:A	3EOG:A	1.0
3EOH:A	3IGI:A	1.0
3EOH:A	3EOG:A	1.0
3IGI:A	3EOG:A	1.0
subgraph 115 has 2 nodes		
3EOG:B	3EOH:B	1.0
subgraph 116 has 18 nodes		
3OK2:D	3OK4:B	1.0

30K2:D	30K2:F	1.0
30K2:D	30K4:X	1.0
30K2:D	30K4:F	1.0
30K2:D	30K2:B	1.0
30K2:D	30K4:J	1.0
30K2:D	30K4:H	1.0
30K2:D	30K4:D	1.0
30K2:D	30K4:N	1.0
30K2:D	30K4:L	1.0
30K2:D	30K4:R	1.0
30K2:D	30K4:P	1.0
30K2:D	30K4:V	1.0
30K2:D	30K4:2	1.0
30K2:D	30K4:4	1.0
30K2:D	30K4:Z	1.0
30K2:D	30K4:T	1.0
30K2:F	30K4:F	1.0
30K2:F	30K4:D	1.0
30K2:F	30K4:J	1.0
30K2:F	30K4:H	1.0
30K2:F	30K4:T	1.0
30K2:F	30K4:N	1.0
30K2:F	30K4:L	1.0
30K2:F	30K4:R	1.0
30K2:F	30K2:B	1.0
30K2:F	30K4:P	1.0
30K2:F	30K4:B	1.0
30K2:F	30K4:2	1.0
30K2:F	30K4:4	1.0
30K2:F	30K4:Z	1.0
30K2:F	30K4:X	1.0
30K2:F	30K4:V	1.0
30K4:X	30K4:F	1.0
30K4:X	30K4:D	1.0
30K4:X	30K4:J	1.0
30K4:X	30K4:4	1.0
30K4:X	30K4:H	1.0
30K4:X	30K4:N	1.0
30K4:X	30K4:L	1.0
30K4:X	30K4:R	1.0
30K4:X	30K2:B	1.0

3OK4:X	3OK4:P	1.0
3OK4:X	3OK4:B	1.0
3OK4:X	3OK4:2	1.0
3OK4:X	3OK4:T	1.0
3OK4:X	3OK4:Z	1.0
3OK4:X	3OK4:V	1.0
3OK4:F	3OK2:B	1.0
3OK4:F	3OK4:J	1.0
3OK4:F	3OK4:H	1.0
3OK4:F	3OK4:D	1.0
3OK4:F	3OK4:N	1.0
3OK4:F	3OK4:L	1.0
3OK4:F	3OK4:R	1.0
3OK4:F	3OK4:P	1.0
3OK4:F	3OK4:B	1.0
3OK4:F	3OK4:2	1.0
3OK4:F	3OK4:4	1.0
3OK4:F	3OK4:Z	1.0
3OK4:F	3OK4:T	1.0
3OK4:F	3OK4:V	1.0
3OK2:B	3OK4:D	1.0
3OK2:B	3OK4:J	1.0
3OK2:B	3OK4:4	1.0
3OK2:B	3OK4:H	1.0
3OK2:B	3OK4:N	1.0
3OK2:B	3OK4:L	1.0
3OK2:B	3OK4:R	1.0
3OK2:B	3OK4:P	1.0
3OK2:B	3OK4:B	1.0
3OK2:B	3OK4:2	1.0
3OK2:B	3OK4:T	1.0
3OK2:B	3OK4:Z	1.0
3OK2:B	3OK4:V	1.0
3OK4:J	3OK4:D	1.0
3OK4:J	3OK4:4	1.0
3OK4:J	3OK4:H	1.0
3OK4:J	3OK4:N	1.0
3OK4:J	3OK4:L	1.0
3OK4:J	3OK4:R	1.0
3OK4:J	3OK4:P	1.0
3OK4:J	3OK4:B	1.0

3OK4:J	3OK4:2	1.0
3OK4:J	3OK4:T	1.0
3OK4:J	3OK4:Z	1.0
3OK4:J	3OK4:V	1.0
3OK4:H	3OK4:D	1.0
3OK4:H	3OK4:4	1.0
3OK4:H	3OK4:N	1.0
3OK4:H	3OK4:L	1.0
3OK4:H	3OK4:R	1.0
3OK4:H	3OK4:P	1.0
3OK4:H	3OK4:B	1.0
3OK4:H	3OK4:2	1.0
3OK4:H	3OK4:T	1.0
3OK4:H	3OK4:Z	1.0
3OK4:H	3OK4:V	1.0
3OK4:D	3OK4:4	1.0
3OK4:D	3OK4:N	1.0
3OK4:D	3OK4:L	1.0
3OK4:D	3OK4:R	1.0
3OK4:D	3OK4:P	1.0
3OK4:D	3OK4:B	1.0
3OK4:D	3OK4:2	1.0
3OK4:D	3OK4:T	1.0
3OK4:D	3OK4:Z	1.0
3OK4:D	3OK4:V	1.0
3OK4:N	3OK4:4	1.0
3OK4:N	3OK4:L	1.0
3OK4:N	3OK4:R	1.0
3OK4:N	3OK4:P	1.0
3OK4:N	3OK4:B	1.0
3OK4:N	3OK4:2	1.0
3OK4:N	3OK4:T	1.0
3OK4:N	3OK4:Z	1.0
3OK4:N	3OK4:V	1.0
3OK4:L	3OK4:4	1.0
3OK4:L	3OK4:R	1.0
3OK4:L	3OK4:P	1.0
3OK4:L	3OK4:B	1.0
3OK4:L	3OK4:2	1.0
3OK4:L	3OK4:T	1.0
3OK4:L	3OK4:Z	1.0

3OK4:L	3OK4:V	1.0
3OK4:R	3OK4:4	1.0
3OK4:R	3OK4:2	1.0
3OK4:R	3OK4:P	1.0
3OK4:R	3OK4:B	1.0
3OK4:R	3OK4:T	1.0
3OK4:R	3OK4:Z	1.0
3OK4:R	3OK4:V	1.0
3OK4:P	3OK4:4	1.0
3OK4:P	3OK4:B	1.0
3OK4:P	3OK4:2	1.0
3OK4:P	3OK4:T	1.0
3OK4:P	3OK4:Z	1.0
3OK4:P	3OK4:V	1.0
3OK4:B	3OK4:4	1.0
3OK4:B	3OK4:V	1.0
3OK4:B	3OK4:2	1.0
3OK4:B	3OK4:T	1.0
3OK4:B	3OK4:Z	1.0
3OK4:2	3OK4:4	1.0
3OK4:2	3OK4:T	1.0
3OK4:2	3OK4:Z	1.0
3OK4:2	3OK4:V	1.0
3OK4:4	3OK4:T	1.0
3OK4:4	3OK4:Z	1.0
3OK4:4	3OK4:V	1.0
3OK4:Z	3OK4:T	1.0
3OK4:Z	3OK4:V	1.0
3OK4:T	3OK4:V	1.0
subgraph 117 has 3 nodes		
3Q50:A	3GCA:A	1.0
3Q50:A	3Q51:A	1.0
3GCA:A	3Q51:A	1.0
subgraph 118 has 2 nodes		
1LDZ:A	2LDZ:A	1.0
subgraph 119 has 2 nodes		
2W89:A	2W89:C	1.0
subgraph 120 has 4 nodes		
3B4B:A	2H0W:A	1.0
3B4B:A	3B4C:A	1.0
3B4B:A	2GCV:A	1.0

2H0W:A	3B4C:A	1.0
2H0W:A	2GCV:A	1.0
3B4C:A	2GCV:A	1.0
subgraph 121 has 7 nodes		
2H07:B	2H0W:B	1.0
2H07:B	2GCV:B	1.0
2H07:B	2H06:B	1.0
2H07:B	2H0X:B	1.0
2H07:B	2GCS:B	1.0
2H07:B	3B4C:B	1.0
2H0W:B	2H06:B	1.0
2H0W:B	2GCV:B	1.0
2H0W:B	2H0X:B	1.0
2H0W:B	2GCS:B	1.0
2H0W:B	3B4C:B	1.0
2GCV:B	2H06:B	1.0
2GCV:B	2H0X:B	1.0
2GCV:B	2GCS:B	1.0
2GCV:B	3B4C:B	1.0
2H06:B	2H0X:B	1.0
2H06:B	2GCS:B	1.0
2H06:B	3B4C:B	1.0
2H0X:B	2GCS:B	1.0
2H0X:B	3B4C:B	1.0
2GCS:B	3B4C:B	1.0
subgraph 122 has 2 nodes		
3B4B:B	3B4A:B	1.0
subgraph 123 has 2 nodes		
406D:A	406D:E	1.0
subgraph 124 has 3 nodes		
1BYJ:A	1PBR:A	1.0
1BYJ:A	2M4Q:1	1.0
1PBR:A	2M4Q:1	1.0
subgraph 125 has 2 nodes		
2F88:A	2LPT:A	1.0
subgraph 126 has 8 nodes		
3SKW:A	3SKW:B	1.0
3SKW:A	3SKL:B	1.0
3SKW:A	3SKL:A	1.0
3SKW:A	3SKR:A	1.0
3SKW:A	3SKR:B	1.0

3SKW:A	3SKT:B	1.0
3SKW:A	3SKT:A	1.0
3SKW:B	3SKL:B	1.0
3SKW:B	3SKL:A	1.0
3SKW:B	3SKR:A	1.0
3SKW:B	3SKR:B	1.0
3SKW:B	3SKT:B	1.0
3SKW:B	3SKT:A	1.0
3SKL:B	3SKL:A	1.0
3SKL:B	3SKR:A	1.0
3SKL:B	3SKR:B	1.0
3SKL:B	3SKT:B	1.0
3SKL:B	3SKT:A	1.0
3SKL:A	3SKR:A	1.0
3SKL:A	3SKR:B	1.0
3SKL:A	3SKT:B	1.0
3SKL:A	3SKT:A	1.0
3SKR:A	3SKR:B	1.0
3SKR:A	3SKT:B	1.0
3SKR:A	3SKT:A	1.0
3SKR:B	3SKT:B	1.0
3SKR:B	3SKT:A	1.0
3SKT:B	3SKT:A	1.0
subgraph 127 has 2 nodes		
4C40:A	4CS1:A	1.0
subgraph 128 has 8 nodes		
3D2G:A	3D2G:B	1.0
3D2G:A	3D2V:A	1.0
3D2G:A	3D2V:B	1.0
3D2G:A	2CKY:A	1.0
3D2G:A	3D2X:B	1.0
3D2G:A	3D2X:A	1.0
3D2G:A	2CKY:B	1.0
3D2G:B	3D2V:A	1.0
3D2G:B	3D2V:B	1.0
3D2G:B	2CKY:A	1.0
3D2G:B	3D2X:B	1.0
3D2G:B	3D2X:A	1.0
3D2G:B	2CKY:B	1.0
3D2V:A	3D2V:B	1.0
3D2V:A	2CKY:A	1.0

3D2V:A	3D2X:B	1.0
3D2V:A	3D2X:A	1.0
3D2V:A	2CKY:B	1.0
3D2V:B	2CKY:A	1.0
3D2V:B	3D2X:B	1.0
3D2V:B	3D2X:A	1.0
3D2V:B	2CKY:B	1.0
2CKY:A	3D2X:B	1.0
2CKY:A	3D2X:A	1.0
2CKY:A	2CKY:B	1.0
3D2X:B	3D2X:A	1.0
3D2X:B	2CKY:B	1.0
3D2X:A	2CKY:B	1.0
subgraph 129 has 2 nodes		
402D:B	402D:A	1.0
subgraph 130 has 2 nodes		
165D:B	165D:A	1.0
subgraph 131 has 2 nodes		
2RP1:A	2RP0:A	1.0
subgraph 132 has 2 nodes		
1F5U:B	1F5U:A	1.0
subgraph 133 has 2 nodes		
2LPS:A	1R2P:A	1.0
subgraph 134 has 3 nodes		
1U3K:A	2A9L:A	1.0
1U3K:A	1A9L:A	1.0
1A9L:A	2A9L:A	1.0
subgraph 135 has 2 nodes		
4E6B:A	4E6B:B	1.0
subgraph 136 has 2 nodes		
4E6B:E	4E6B:F	1.0
subgraph 137 has 4 nodes		
2D1B:B	2D1B:A	1.0
2D1B:B	2D1A:A	1.0
2D1B:B	2D1A:B	1.0
2D1B:A	2D1A:A	1.0
2D1B:A	2D1A:B	1.0
2D1A:A	2D1A:B	1.0
subgraph 138 has 2 nodes		
1RHT:A	1TFN:A	1.0
subgraph 139 has 2 nodes		

2OIU:Q	2OIU:P	1.0
subgraph 140 has 12 nodes		
3DIR:A	3DIS:A	1.0
3DIR:A	3DIZ:A	1.0
3DIR:A	3DJ0:A	1.0
3DIR:A	3DIL:A	1.0
3DIR:A	3DIO:X	1.0
3DIR:A	3DIX:A	1.0
3DIR:A	3DIQ:A	1.0
3DIR:A	3DJ2:A	1.0
3DIR:A	3DIG:X	1.0
3DIR:A	3DIM:A	1.0
3DIR:A	3DIY:A	1.0
3DIS:A	3DIZ:A	1.0
3DIS:A	3DJ0:A	1.0
3DIS:A	3DIL:A	1.0
3DIS:A	3DIO:X	1.0
3DIS:A	3DIX:A	1.0
3DIS:A	3DIQ:A	1.0
3DIS:A	3DJ2:A	1.0
3DIS:A	3DIG:X	1.0
3DIS:A	3DIM:A	1.0
3DIS:A	3DIY:A	1.0
3DIZ:A	3DJ0:A	1.0
3DIZ:A	3DIL:A	1.0
3DIZ:A	3DIO:X	1.0
3DIZ:A	3DIX:A	1.0
3DIZ:A	3DIQ:A	1.0
3DIZ:A	3DJ2:A	1.0
3DIZ:A	3DIG:X	1.0
3DIZ:A	3DIM:A	1.0
3DIZ:A	3DIY:A	1.0
3DJ0:A	3DIL:A	1.0
3DJ0:A	3DIO:X	1.0
3DJ0:A	3DIX:A	1.0
3DJ0:A	3DIQ:A	1.0
3DJ0:A	3DJ2:A	1.0
3DJ0:A	3DIG:X	1.0
3DJ0:A	3DIM:A	1.0
3DJ0:A	3DIY:A	1.0
3DIL:A	3DIO:X	1.0

3DIL:A	3DIX:A	1.0
3DIL:A	3DIQ:A	1.0
3DIL:A	3DJ2:A	1.0
3DIL:A	3DIG:X	1.0
3DIL:A	3DIM:A	1.0
3DIL:A	3DIY:A	1.0
3DIO:X	3DIX:A	1.0
3DIO:X	3DIQ:A	1.0
3DIO:X	3DJ2:A	1.0
3DIO:X	3DIG:X	1.0
3DIO:X	3DIM:A	1.0
3DIO:X	3DIY:A	1.0
3DIX:A	3DIQ:A	1.0
3DIX:A	3DJ2:A	1.0
3DIX:A	3DIG:X	1.0
3DIX:A	3DIM:A	1.0
3DIX:A	3DIY:A	1.0
3DIQ:A	3DJ2:A	1.0
3DIQ:A	3DIG:X	1.0
3DIQ:A	3DIM:A	1.0
3DIQ:A	3DIY:A	1.0
3DJ2:A	3DIG:X	1.0
3DJ2:A	3DIM:A	1.0
3DJ2:A	3DIY:A	1.0
3DIG:X	3DIM:A	1.0
3DIG:X	3DIY:A	1.0
3DIM:A	3DIY:A	1.0
subgraph 141 has 4 nodes		
3DG2:B	3DG0:B	1.0
3DG2:B	3DG5:B	1.0
3DG2:B	3DG4:B	1.0
3DG0:B	3DG5:B	1.0
3DG0:B	3DG4:B	1.0
3DG5:B	3DG4:B	1.0
subgraph 142 has 2 nodes		
3S7C:A	4NXH:A	1.0
subgraph 143 has 8 nodes		
3SLM:B	3SLM:A	1.0
3SLM:B	3SLQ:B	1.0
3SLM:B	3SLQ:A	1.0
3SLM:B	3SKI:B	1.0

3SLM:B	3SKI:A	1.0
3SLM:B	3SKZ:A	1.0
3SLM:B	3SKZ:B	1.0
3SLM:A	3SLQ:B	1.0
3SLM:A	3SLQ:A	1.0
3SLM:A	3SKI:B	1.0
3SLM:A	3SKI:A	1.0
3SLM:A	3SKZ:A	1.0
3SLM:A	3SKZ:B	1.0
3SLQ:B	3SLQ:A	1.0
3SLQ:B	3SKI:B	1.0
3SLQ:B	3SKI:A	1.0
3SLQ:B	3SKZ:A	1.0
3SLQ:B	3SKZ:B	1.0
3SLQ:A	3SKI:B	1.0
3SLQ:A	3SKI:A	1.0
3SLQ:A	3SKZ:A	1.0
3SLQ:A	3SKZ:B	1.0
3SKI:B	3SKI:A	1.0
3SKI:B	3SKZ:A	1.0
3SKI:B	3SKZ:B	1.0
3SKI:A	3SKZ:A	1.0
3SKI:A	3SKZ:B	1.0
3SKZ:A	3SKZ:B	1.0
subgraph 144 has 8 nodes		
2N4J:B	2N4J:A	1.0
2N4J:B	3P4A:D	1.0
2N4J:B	3P4A:E	1.0
2N4J:B	3P4A:F	1.0
2N4J:B	3P4A:A	1.0
2N4J:B	3P4A:B	1.0
2N4J:B	3P4A:C	1.0
2N4J:A	3P4A:D	1.0
2N4J:A	3P4A:E	1.0
2N4J:A	3P4A:F	1.0
2N4J:A	3P4A:A	1.0
2N4J:A	3P4A:B	1.0
2N4J:A	3P4A:C	1.0
3P4A:D	3P4A:E	1.0
3P4A:D	3P4A:F	1.0
3P4A:D	3P4A:A	1.0

3P4A:D	3P4A:B	1.0
3P4A:D	3P4A:C	1.0
3P4A:E	3P4A:F	1.0
3P4A:E	3P4A:A	1.0
3P4A:E	3P4A:B	1.0
3P4A:E	3P4A:C	1.0
3P4A:F	3P4A:A	1.0
3P4A:F	3P4A:B	1.0
3P4A:F	3P4A:C	1.0
3P4A:A	3P4A:B	1.0
3P4A:A	3P4A:C	1.0
3P4A:B	3P4A:C	1.0
subgraph 145 has 3 nodes		
2TRA:A	1VTQ:A	1.0
2TRA:A	3TRA:A	1.0
1VTQ:A	3TRA:A	1.0
subgraph 146 has 3 nodes		
2QWY:C	2QWY:B	1.0
2QWY:C	2QWY:A	1.0
2QWY:B	2QWY:A	1.0
subgraph 147 has 36 nodes		
3R1C:j	3R1C:i	1.0
3R1C:j	3R1C:h	1.0
3R1C:j	3R1C:g	1.0
3R1C:j	3R1C:f	1.0
3R1C:j	3R1C:e	1.0
3R1C:j	3R1C:d	1.0
3R1C:j	3R1C:c	1.0
3R1C:j	3R1C:b	1.0
3R1C:j	3R1C:a	1.0
3R1C:j	3R1C:O	1.0
3R1C:j	3R1C:N	1.0
3R1C:j	3R1C:M	1.0
3R1C:j	3R1C:L	1.0
3R1C:j	3R1C:K	1.0
3R1C:j	3R1C:J	1.0
3R1C:j	3R1C:I	1.0
3R1C:j	3R1C:H	1.0
3R1C:j	3R1C:G	1.0
3R1C:j	3R1C:F	1.0
3R1C:j	3R1C:E	1.0

3R1C:j	3R1C:D	1.0
3R1C:j	3R1C:C	1.0
3R1C:j	3R1C:B	1.0
3R1C:j	3R1C:A	1.0
3R1C:j	3R1C:Z	1.0
3R1C:j	3R1C:Y	1.0
3R1C:j	3R1C:X	1.0
3R1C:j	3R1C:W	1.0
3R1C:j	3R1C:V	1.0
3R1C:j	3R1C:U	1.0
3R1C:j	3R1C:T	1.0
3R1C:j	3R1C:S	1.0
3R1C:j	3R1C:R	1.0
3R1C:j	3R1C:Q	1.0
3R1C:j	3R1C:P	1.0
3R1C:i	3R1C:h	1.0
3R1C:i	3R1C:g	1.0
3R1C:i	3R1C:f	1.0
3R1C:i	3R1C:e	1.0
3R1C:i	3R1C:d	1.0
3R1C:i	3R1C:c	1.0
3R1C:i	3R1C:b	1.0
3R1C:i	3R1C:a	1.0
3R1C:i	3R1C:O	1.0
3R1C:i	3R1C:N	1.0
3R1C:i	3R1C:M	1.0
3R1C:i	3R1C:L	1.0
3R1C:i	3R1C:K	1.0
3R1C:i	3R1C:J	1.0
3R1C:i	3R1C:I	1.0
3R1C:i	3R1C:H	1.0
3R1C:i	3R1C:G	1.0
3R1C:i	3R1C:F	1.0
3R1C:i	3R1C:E	1.0
3R1C:i	3R1C:D	1.0
3R1C:i	3R1C:C	1.0
3R1C:i	3R1C:B	1.0
3R1C:i	3R1C:A	1.0
3R1C:i	3R1C:Z	1.0
3R1C:i	3R1C:Y	1.0
3R1C:i	3R1C:X	1.0

3R1C:i	3R1C:W	1.0
3R1C:i	3R1C:V	1.0
3R1C:i	3R1C:U	1.0
3R1C:i	3R1C:T	1.0
3R1C:i	3R1C:S	1.0
3R1C:i	3R1C:R	1.0
3R1C:i	3R1C:Q	1.0
3R1C:i	3R1C:P	1.0
3R1C:h	3R1C:g	1.0
3R1C:h	3R1C:f	1.0
3R1C:h	3R1C:e	1.0
3R1C:h	3R1C:d	1.0
3R1C:h	3R1C:c	1.0
3R1C:h	3R1C:b	1.0
3R1C:h	3R1C:a	1.0
3R1C:h	3R1C:O	1.0
3R1C:h	3R1C:N	1.0
3R1C:h	3R1C:M	1.0
3R1C:h	3R1C:L	1.0
3R1C:h	3R1C:K	1.0
3R1C:h	3R1C:J	1.0
3R1C:h	3R1C:I	1.0
3R1C:h	3R1C:H	1.0
3R1C:h	3R1C:G	1.0
3R1C:h	3R1C:F	1.0
3R1C:h	3R1C:E	1.0
3R1C:h	3R1C:D	1.0
3R1C:h	3R1C:C	1.0
3R1C:h	3R1C:B	1.0
3R1C:h	3R1C:A	1.0
3R1C:h	3R1C:Z	1.0
3R1C:h	3R1C:Y	1.0
3R1C:h	3R1C:X	1.0
3R1C:h	3R1C:W	1.0
3R1C:h	3R1C:V	1.0
3R1C:h	3R1C:U	1.0
3R1C:h	3R1C:T	1.0
3R1C:h	3R1C:S	1.0
3R1C:h	3R1C:R	1.0
3R1C:h	3R1C:Q	1.0
3R1C:h	3R1C:P	1.0

3R1C:g	3R1C:f	1.0
3R1C:g	3R1C:e	1.0
3R1C:g	3R1C:d	1.0
3R1C:g	3R1C:c	1.0
3R1C:g	3R1C:b	1.0
3R1C:g	3R1C:a	1.0
3R1C:g	3R1C:O	1.0
3R1C:g	3R1C:N	1.0
3R1C:g	3R1C:M	1.0
3R1C:g	3R1C:L	1.0
3R1C:g	3R1C:K	1.0
3R1C:g	3R1C:J	1.0
3R1C:g	3R1C:I	1.0
3R1C:g	3R1C:H	1.0
3R1C:g	3R1C:G	1.0
3R1C:g	3R1C:F	1.0
3R1C:g	3R1C:E	1.0
3R1C:g	3R1C:D	1.0
3R1C:g	3R1C:C	1.0
3R1C:g	3R1C:B	1.0
3R1C:g	3R1C:A	1.0
3R1C:g	3R1C:Z	1.0
3R1C:g	3R1C:Y	1.0
3R1C:g	3R1C:X	1.0
3R1C:g	3R1C:W	1.0
3R1C:g	3R1C:V	1.0
3R1C:g	3R1C:U	1.0
3R1C:g	3R1C:T	1.0
3R1C:g	3R1C:S	1.0
3R1C:g	3R1C:R	1.0
3R1C:g	3R1C:Q	1.0
3R1C:g	3R1C:P	1.0
3R1C:f	3R1C:e	1.0
3R1C:f	3R1C:d	1.0
3R1C:f	3R1C:c	1.0
3R1C:f	3R1C:b	1.0
3R1C:f	3R1C:a	1.0
3R1C:f	3R1C:O	1.0
3R1C:f	3R1C:N	1.0
3R1C:f	3R1C:M	1.0
3R1C:f	3R1C:L	1.0

3R1C:f	3R1C:K	1.0
3R1C:f	3R1C:J	1.0
3R1C:f	3R1C:I	1.0
3R1C:f	3R1C:H	1.0
3R1C:f	3R1C:G	1.0
3R1C:f	3R1C:F	1.0
3R1C:f	3R1C:E	1.0
3R1C:f	3R1C:D	1.0
3R1C:f	3R1C:C	1.0
3R1C:f	3R1C:B	1.0
3R1C:f	3R1C:A	1.0
3R1C:f	3R1C:Z	1.0
3R1C:f	3R1C:Y	1.0
3R1C:f	3R1C:X	1.0
3R1C:f	3R1C:W	1.0
3R1C:f	3R1C:V	1.0
3R1C:f	3R1C:U	1.0
3R1C:f	3R1C:T	1.0
3R1C:f	3R1C:S	1.0
3R1C:f	3R1C:R	1.0
3R1C:f	3R1C:Q	1.0
3R1C:f	3R1C:P	1.0
3R1C:e	3R1C:d	1.0
3R1C:e	3R1C:c	1.0
3R1C:e	3R1C:b	1.0
3R1C:e	3R1C:a	1.0
3R1C:e	3R1C:O	1.0
3R1C:e	3R1C:N	1.0
3R1C:e	3R1C:M	1.0
3R1C:e	3R1C:L	1.0
3R1C:e	3R1C:K	1.0
3R1C:e	3R1C:J	1.0
3R1C:e	3R1C:I	1.0
3R1C:e	3R1C:H	1.0
3R1C:e	3R1C:G	1.0
3R1C:e	3R1C:F	1.0
3R1C:e	3R1C:E	1.0
3R1C:e	3R1C:D	1.0
3R1C:e	3R1C:C	1.0
3R1C:e	3R1C:B	1.0
3R1C:e	3R1C:A	1.0

3R1C:e	3R1C:Z	1.0
3R1C:e	3R1C:Y	1.0
3R1C:e	3R1C:X	1.0
3R1C:e	3R1C:W	1.0
3R1C:e	3R1C:V	1.0
3R1C:e	3R1C:U	1.0
3R1C:e	3R1C:T	1.0
3R1C:e	3R1C:S	1.0
3R1C:e	3R1C:R	1.0
3R1C:e	3R1C:Q	1.0
3R1C:e	3R1C:P	1.0
3R1C:d	3R1C:c	1.0
3R1C:d	3R1C:b	1.0
3R1C:d	3R1C:a	1.0
3R1C:d	3R1C:O	1.0
3R1C:d	3R1C:N	1.0
3R1C:d	3R1C:M	1.0
3R1C:d	3R1C:L	1.0
3R1C:d	3R1C:K	1.0
3R1C:d	3R1C:J	1.0
3R1C:d	3R1C:I	1.0
3R1C:d	3R1C:H	1.0
3R1C:d	3R1C:G	1.0
3R1C:d	3R1C:F	1.0
3R1C:d	3R1C:E	1.0
3R1C:d	3R1C:D	1.0
3R1C:d	3R1C:C	1.0
3R1C:d	3R1C:B	1.0
3R1C:d	3R1C:A	1.0
3R1C:d	3R1C:Z	1.0
3R1C:d	3R1C:Y	1.0
3R1C:d	3R1C:X	1.0
3R1C:d	3R1C:W	1.0
3R1C:d	3R1C:V	1.0
3R1C:d	3R1C:U	1.0
3R1C:d	3R1C:T	1.0
3R1C:d	3R1C:S	1.0
3R1C:d	3R1C:R	1.0
3R1C:d	3R1C:Q	1.0
3R1C:d	3R1C:P	1.0
3R1C:c	3R1C:b	1.0

3R1C:c	3R1C:a	1.0
3R1C:c	3R1C:O	1.0
3R1C:c	3R1C:N	1.0
3R1C:c	3R1C:M	1.0
3R1C:c	3R1C:L	1.0
3R1C:c	3R1C:K	1.0
3R1C:c	3R1C:J	1.0
3R1C:c	3R1C:I	1.0
3R1C:c	3R1C:H	1.0
3R1C:c	3R1C:G	1.0
3R1C:c	3R1C:F	1.0
3R1C:c	3R1C:E	1.0
3R1C:c	3R1C:D	1.0
3R1C:c	3R1C:C	1.0
3R1C:c	3R1C:B	1.0
3R1C:c	3R1C:A	1.0
3R1C:c	3R1C:Z	1.0
3R1C:c	3R1C:Y	1.0
3R1C:c	3R1C:X	1.0
3R1C:c	3R1C:W	1.0
3R1C:c	3R1C:V	1.0
3R1C:c	3R1C:U	1.0
3R1C:c	3R1C:T	1.0
3R1C:c	3R1C:S	1.0
3R1C:c	3R1C:R	1.0
3R1C:c	3R1C:Q	1.0
3R1C:c	3R1C:P	1.0
3R1C:b	3R1C:a	1.0
3R1C:b	3R1C:O	1.0
3R1C:b	3R1C:N	1.0
3R1C:b	3R1C:M	1.0
3R1C:b	3R1C:L	1.0
3R1C:b	3R1C:K	1.0
3R1C:b	3R1C:J	1.0
3R1C:b	3R1C:I	1.0
3R1C:b	3R1C:H	1.0
3R1C:b	3R1C:G	1.0
3R1C:b	3R1C:F	1.0
3R1C:b	3R1C:E	1.0
3R1C:b	3R1C:D	1.0
3R1C:b	3R1C:C	1.0

3R1C:b	3R1C:B	1.0
3R1C:b	3R1C:A	1.0
3R1C:b	3R1C:Z	1.0
3R1C:b	3R1C:Y	1.0
3R1C:b	3R1C:X	1.0
3R1C:b	3R1C:W	1.0
3R1C:b	3R1C:V	1.0
3R1C:b	3R1C:U	1.0
3R1C:b	3R1C:T	1.0
3R1C:b	3R1C:S	1.0
3R1C:b	3R1C:R	1.0
3R1C:b	3R1C:Q	1.0
3R1C:b	3R1C:P	1.0
3R1C:a	3R1C:O	1.0
3R1C:a	3R1C:N	1.0
3R1C:a	3R1C:M	1.0
3R1C:a	3R1C:L	1.0
3R1C:a	3R1C:K	1.0
3R1C:a	3R1C:J	1.0
3R1C:a	3R1C:I	1.0
3R1C:a	3R1C:H	1.0
3R1C:a	3R1C:G	1.0
3R1C:a	3R1C:F	1.0
3R1C:a	3R1C:E	1.0
3R1C:a	3R1C:D	1.0
3R1C:a	3R1C:C	1.0
3R1C:a	3R1C:B	1.0
3R1C:a	3R1C:A	1.0
3R1C:a	3R1C:Z	1.0
3R1C:a	3R1C:Y	1.0
3R1C:a	3R1C:X	1.0
3R1C:a	3R1C:W	1.0
3R1C:a	3R1C:V	1.0
3R1C:a	3R1C:U	1.0
3R1C:a	3R1C:T	1.0
3R1C:a	3R1C:S	1.0
3R1C:a	3R1C:R	1.0
3R1C:a	3R1C:Q	1.0
3R1C:a	3R1C:P	1.0
3R1C:O	3R1C:N	1.0
3R1C:O	3R1C:M	1.0

3R1C:O	3R1C:L	1.0
3R1C:O	3R1C:K	1.0
3R1C:O	3R1C:J	1.0
3R1C:O	3R1C:I	1.0
3R1C:O	3R1C:H	1.0
3R1C:O	3R1C:G	1.0
3R1C:O	3R1C:F	1.0
3R1C:O	3R1C:E	1.0
3R1C:O	3R1C:D	1.0
3R1C:O	3R1C:C	1.0
3R1C:O	3R1C:B	1.0
3R1C:O	3R1C:A	1.0
3R1C:O	3R1C:Z	1.0
3R1C:O	3R1C:Y	1.0
3R1C:O	3R1C:X	1.0
3R1C:O	3R1C:W	1.0
3R1C:O	3R1C:V	1.0
3R1C:O	3R1C:U	1.0
3R1C:O	3R1C:T	1.0
3R1C:O	3R1C:S	1.0
3R1C:O	3R1C:R	1.0
3R1C:O	3R1C:Q	1.0
3R1C:O	3R1C:P	1.0
3R1C:N	3R1C:M	1.0
3R1C:N	3R1C:L	1.0
3R1C:N	3R1C:K	1.0
3R1C:N	3R1C:J	1.0
3R1C:N	3R1C:I	1.0
3R1C:N	3R1C:H	1.0
3R1C:N	3R1C:G	1.0
3R1C:N	3R1C:F	1.0
3R1C:N	3R1C:E	1.0
3R1C:N	3R1C:D	1.0
3R1C:N	3R1C:C	1.0
3R1C:N	3R1C:B	1.0
3R1C:N	3R1C:A	1.0
3R1C:N	3R1C:Z	1.0
3R1C:N	3R1C:Y	1.0
3R1C:N	3R1C:X	1.0
3R1C:N	3R1C:W	1.0
3R1C:N	3R1C:V	1.0

3R1C:N	3R1C:U	1.0
3R1C:N	3R1C:T	1.0
3R1C:N	3R1C:S	1.0
3R1C:N	3R1C:R	1.0
3R1C:N	3R1C:Q	1.0
3R1C:N	3R1C:P	1.0
3R1C:M	3R1C:L	1.0
3R1C:M	3R1C:K	1.0
3R1C:M	3R1C:J	1.0
3R1C:M	3R1C:I	1.0
3R1C:M	3R1C:H	1.0
3R1C:M	3R1C:G	1.0
3R1C:M	3R1C:F	1.0
3R1C:M	3R1C:E	1.0
3R1C:M	3R1C:D	1.0
3R1C:M	3R1C:C	1.0
3R1C:M	3R1C:B	1.0
3R1C:M	3R1C:A	1.0
3R1C:M	3R1C:Z	1.0
3R1C:M	3R1C:Y	1.0
3R1C:M	3R1C:X	1.0
3R1C:M	3R1C:W	1.0
3R1C:M	3R1C:V	1.0
3R1C:M	3R1C:U	1.0
3R1C:M	3R1C:T	1.0
3R1C:M	3R1C:S	1.0
3R1C:M	3R1C:R	1.0
3R1C:M	3R1C:Q	1.0
3R1C:M	3R1C:P	1.0
3R1C:L	3R1C:K	1.0
3R1C:L	3R1C:J	1.0
3R1C:L	3R1C:I	1.0
3R1C:L	3R1C:H	1.0
3R1C:L	3R1C:G	1.0
3R1C:L	3R1C:F	1.0
3R1C:L	3R1C:E	1.0
3R1C:L	3R1C:D	1.0
3R1C:L	3R1C:C	1.0
3R1C:L	3R1C:B	1.0
3R1C:L	3R1C:A	1.0
3R1C:L	3R1C:Z	1.0

3R1C:L	3R1C:Y	1.0
3R1C:L	3R1C:X	1.0
3R1C:L	3R1C:W	1.0
3R1C:L	3R1C:V	1.0
3R1C:L	3R1C:U	1.0
3R1C:L	3R1C:T	1.0
3R1C:L	3R1C:S	1.0
3R1C:L	3R1C:R	1.0
3R1C:L	3R1C:Q	1.0
3R1C:L	3R1C:P	1.0
3R1C:K	3R1C:J	1.0
3R1C:K	3R1C:I	1.0
3R1C:K	3R1C:H	1.0
3R1C:K	3R1C:G	1.0
3R1C:K	3R1C:F	1.0
3R1C:K	3R1C:E	1.0
3R1C:K	3R1C:D	1.0
3R1C:K	3R1C:C	1.0
3R1C:K	3R1C:B	1.0
3R1C:K	3R1C:A	1.0
3R1C:K	3R1C:Z	1.0
3R1C:K	3R1C:Y	1.0
3R1C:K	3R1C:X	1.0
3R1C:K	3R1C:W	1.0
3R1C:K	3R1C:V	1.0
3R1C:K	3R1C:U	1.0
3R1C:K	3R1C:T	1.0
3R1C:K	3R1C:S	1.0
3R1C:K	3R1C:R	1.0
3R1C:K	3R1C:Q	1.0
3R1C:K	3R1C:P	1.0
3R1C:J	3R1C:I	1.0
3R1C:J	3R1C:H	1.0
3R1C:J	3R1C:G	1.0
3R1C:J	3R1C:F	1.0
3R1C:J	3R1C:E	1.0
3R1C:J	3R1C:D	1.0
3R1C:J	3R1C:C	1.0
3R1C:J	3R1C:B	1.0
3R1C:J	3R1C:A	1.0
3R1C:J	3R1C:Z	1.0

3R1C:J	3R1C:Y	1.0
3R1C:J	3R1C:X	1.0
3R1C:J	3R1C:W	1.0
3R1C:J	3R1C:V	1.0
3R1C:J	3R1C:U	1.0
3R1C:J	3R1C:T	1.0
3R1C:J	3R1C:S	1.0
3R1C:J	3R1C:R	1.0
3R1C:J	3R1C:Q	1.0
3R1C:J	3R1C:P	1.0
3R1C:I	3R1C:H	1.0
3R1C:I	3R1C:G	1.0
3R1C:I	3R1C:F	1.0
3R1C:I	3R1C:E	1.0
3R1C:I	3R1C:D	1.0
3R1C:I	3R1C:C	1.0
3R1C:I	3R1C:B	1.0
3R1C:I	3R1C:A	1.0
3R1C:I	3R1C:Z	1.0
3R1C:I	3R1C:Y	1.0
3R1C:I	3R1C:X	1.0
3R1C:I	3R1C:W	1.0
3R1C:I	3R1C:V	1.0
3R1C:I	3R1C:U	1.0
3R1C:I	3R1C:T	1.0
3R1C:I	3R1C:S	1.0
3R1C:I	3R1C:R	1.0
3R1C:I	3R1C:Q	1.0
3R1C:I	3R1C:P	1.0
3R1C:H	3R1C:G	1.0
3R1C:H	3R1C:F	1.0
3R1C:H	3R1C:E	1.0
3R1C:H	3R1C:D	1.0
3R1C:H	3R1C:C	1.0
3R1C:H	3R1C:B	1.0
3R1C:H	3R1C:A	1.0
3R1C:H	3R1C:Z	1.0
3R1C:H	3R1C:Y	1.0
3R1C:H	3R1C:X	1.0
3R1C:H	3R1C:W	1.0
3R1C:H	3R1C:V	1.0

3R1C:H	3R1C:U	1.0
3R1C:H	3R1C:T	1.0
3R1C:H	3R1C:S	1.0
3R1C:H	3R1C:R	1.0
3R1C:H	3R1C:Q	1.0
3R1C:H	3R1C:P	1.0
3R1C:G	3R1C:F	1.0
3R1C:G	3R1C:E	1.0
3R1C:G	3R1C:D	1.0
3R1C:G	3R1C:C	1.0
3R1C:G	3R1C:B	1.0
3R1C:G	3R1C:A	1.0
3R1C:G	3R1C:Z	1.0
3R1C:G	3R1C:Y	1.0
3R1C:G	3R1C:X	1.0
3R1C:G	3R1C:W	1.0
3R1C:G	3R1C:V	1.0
3R1C:G	3R1C:U	1.0
3R1C:G	3R1C:T	1.0
3R1C:G	3R1C:S	1.0
3R1C:G	3R1C:R	1.0
3R1C:G	3R1C:Q	1.0
3R1C:G	3R1C:P	1.0
3R1C:F	3R1C:E	1.0
3R1C:F	3R1C:D	1.0
3R1C:F	3R1C:C	1.0
3R1C:F	3R1C:B	1.0
3R1C:F	3R1C:A	1.0
3R1C:F	3R1C:Z	1.0
3R1C:F	3R1C:Y	1.0
3R1C:F	3R1C:X	1.0
3R1C:F	3R1C:W	1.0
3R1C:F	3R1C:V	1.0
3R1C:F	3R1C:U	1.0
3R1C:F	3R1C:T	1.0
3R1C:F	3R1C:S	1.0
3R1C:F	3R1C:R	1.0
3R1C:F	3R1C:Q	1.0
3R1C:F	3R1C:P	1.0
3R1C:E	3R1C:D	1.0
3R1C:E	3R1C:C	1.0

3R1C:E	3R1C:B	1.0
3R1C:E	3R1C:A	1.0
3R1C:E	3R1C:Z	1.0
3R1C:E	3R1C:Y	1.0
3R1C:E	3R1C:X	1.0
3R1C:E	3R1C:W	1.0
3R1C:E	3R1C:V	1.0
3R1C:E	3R1C:U	1.0
3R1C:E	3R1C:T	1.0
3R1C:E	3R1C:S	1.0
3R1C:E	3R1C:R	1.0
3R1C:E	3R1C:Q	1.0
3R1C:E	3R1C:P	1.0
3R1C:D	3R1C:C	1.0
3R1C:D	3R1C:B	1.0
3R1C:D	3R1C:A	1.0
3R1C:D	3R1C:Z	1.0
3R1C:D	3R1C:Y	1.0
3R1C:D	3R1C:X	1.0
3R1C:D	3R1C:W	1.0
3R1C:D	3R1C:V	1.0
3R1C:D	3R1C:U	1.0
3R1C:D	3R1C:T	1.0
3R1C:D	3R1C:S	1.0
3R1C:D	3R1C:R	1.0
3R1C:D	3R1C:Q	1.0
3R1C:D	3R1C:P	1.0
3R1C:C	3R1C:B	1.0
3R1C:C	3R1C:A	1.0
3R1C:C	3R1C:Z	1.0
3R1C:C	3R1C:Y	1.0
3R1C:C	3R1C:X	1.0
3R1C:C	3R1C:W	1.0
3R1C:C	3R1C:V	1.0
3R1C:C	3R1C:U	1.0
3R1C:C	3R1C:T	1.0
3R1C:C	3R1C:S	1.0
3R1C:C	3R1C:R	1.0
3R1C:C	3R1C:Q	1.0
3R1C:C	3R1C:P	1.0
3R1C:B	3R1C:A	1.0

3R1C:B	3R1C:Z	1.0
3R1C:B	3R1C:Y	1.0
3R1C:B	3R1C:X	1.0
3R1C:B	3R1C:W	1.0
3R1C:B	3R1C:V	1.0
3R1C:B	3R1C:U	1.0
3R1C:B	3R1C:T	1.0
3R1C:B	3R1C:S	1.0
3R1C:B	3R1C:R	1.0
3R1C:B	3R1C:Q	1.0
3R1C:B	3R1C:P	1.0
3R1C:A	3R1C:Z	1.0
3R1C:A	3R1C:Y	1.0
3R1C:A	3R1C:X	1.0
3R1C:A	3R1C:W	1.0
3R1C:A	3R1C:V	1.0
3R1C:A	3R1C:U	1.0
3R1C:A	3R1C:T	1.0
3R1C:A	3R1C:S	1.0
3R1C:A	3R1C:R	1.0
3R1C:A	3R1C:Q	1.0
3R1C:A	3R1C:P	1.0
3R1C:Z	3R1C:Y	1.0
3R1C:Z	3R1C:X	1.0
3R1C:Z	3R1C:W	1.0
3R1C:Z	3R1C:V	1.0
3R1C:Z	3R1C:U	1.0
3R1C:Z	3R1C:T	1.0
3R1C:Z	3R1C:S	1.0
3R1C:Z	3R1C:R	1.0
3R1C:Z	3R1C:Q	1.0
3R1C:Z	3R1C:P	1.0
3R1C:Y	3R1C:X	1.0
3R1C:Y	3R1C:W	1.0
3R1C:Y	3R1C:V	1.0
3R1C:Y	3R1C:U	1.0
3R1C:Y	3R1C:T	1.0
3R1C:Y	3R1C:S	1.0
3R1C:Y	3R1C:R	1.0
3R1C:Y	3R1C:Q	1.0
3R1C:Y	3R1C:P	1.0

3R1C:X	3R1C:W	1.0
3R1C:X	3R1C:V	1.0
3R1C:X	3R1C:U	1.0
3R1C:X	3R1C:T	1.0
3R1C:X	3R1C:S	1.0
3R1C:X	3R1C:R	1.0
3R1C:X	3R1C:Q	1.0
3R1C:X	3R1C:P	1.0
3R1C:W	3R1C:V	1.0
3R1C:W	3R1C:U	1.0
3R1C:W	3R1C:T	1.0
3R1C:W	3R1C:S	1.0
3R1C:W	3R1C:R	1.0
3R1C:W	3R1C:Q	1.0
3R1C:W	3R1C:P	1.0
3R1C:V	3R1C:U	1.0
3R1C:V	3R1C:T	1.0
3R1C:V	3R1C:S	1.0
3R1C:V	3R1C:R	1.0
3R1C:V	3R1C:Q	1.0
3R1C:V	3R1C:P	1.0
3R1C:U	3R1C:T	1.0
3R1C:U	3R1C:S	1.0
3R1C:U	3R1C:R	1.0
3R1C:U	3R1C:Q	1.0
3R1C:U	3R1C:P	1.0
3R1C:T	3R1C:S	1.0
3R1C:T	3R1C:R	1.0
3R1C:T	3R1C:Q	1.0
3R1C:T	3R1C:P	1.0
3R1C:S	3R1C:R	1.0
3R1C:S	3R1C:Q	1.0
3R1C:S	3R1C:P	1.0
3R1C:R	3R1C:Q	1.0
3R1C:R	3R1C:P	1.0
3R1C:Q	3R1C:P	1.0
subgraph 148 has 3 nodes		
4TZY:X	4XNR:X	1.0
4TZY:X	4TZX:X	1.0
4XNR:X	4TZX:X	1.0
subgraph 149 has 4 nodes		

1F5G:A	1F5H:A	1.0
1F5G:A	1F5H:B	1.0
1F5G:A	1F5G:B	1.0
1F5H:A	1F5H:B	1.0
1F5H:A	1F5G:B	1.0
1F5H:B	1F5G:B	1.0
subgraph 150 has 9 nodes		
3J2F:N	3J2A:N	1.0
3J2F:N	3J2E:N	1.0
3J2F:N	3J2H:N	1.0
3J2F:N	3J2G:N	1.0
3J2F:N	3J2B:N	1.0
3J2F:N	3J2D:N	1.0
3J2F:N	3J28:N	1.0
3J2F:N	3J29:N	1.0
3J2A:N	3J2E:N	1.0
3J2A:N	3J2H:N	1.0
3J2A:N	3J2G:N	1.0
3J2A:N	3J2B:N	1.0
3J2A:N	3J2D:N	1.0
3J2A:N	3J28:N	1.0
3J2A:N	3J29:N	1.0
3J2E:N	3J2H:N	1.0
3J2E:N	3J2G:N	1.0
3J2E:N	3J2B:N	1.0
3J2E:N	3J2D:N	1.0
3J2E:N	3J28:N	1.0
3J2E:N	3J29:N	1.0
3J2H:N	3J2G:N	1.0
3J2H:N	3J2B:N	1.0
3J2H:N	3J2D:N	1.0
3J2H:N	3J28:N	1.0
3J2H:N	3J29:N	1.0
3J2G:N	3J2B:N	1.0
3J2G:N	3J2D:N	1.0
3J2G:N	3J28:N	1.0
3J2G:N	3J29:N	1.0
3J2B:N	3J2D:N	1.0
3J2B:N	3J28:N	1.0
3J2B:N	3J29:N	1.0
3J2D:N	3J28:N	1.0

3J2D:N	3J29:N	1.0
3J28:N	3J29:N	1.0
subgraph 151 has 2 nodes		
1L8V:A	1L8V:B	1.0
subgraph 152 has 18 nodes		
3OK2:E	3OK4:C	1.0
3OK2:E	3OK4:3	1.0
3OK2:E	3OK4:A	1.0
3OK2:E	3OK2:A	1.0
3OK2:E	3OK4:E	1.0
3OK2:E	3OK2:C	1.0
3OK2:E	3OK4:K	1.0
3OK2:E	3OK4:I	1.0
3OK2:E	3OK4:O	1.0
3OK2:E	3OK4:1	1.0
3OK2:E	3OK4:M	1.0
3OK2:E	3OK4:S	1.0
3OK2:E	3OK4:Q	1.0
3OK2:E	3OK4:W	1.0
3OK2:E	3OK4:U	1.0
3OK2:E	3OK4:G	1.0
3OK2:E	3OK4:Y	1.0
3OK4:C	3OK4:3	1.0
3OK4:C	3OK4:A	1.0
3OK4:C	3OK2:A	1.0
3OK4:C	3OK4:E	1.0
3OK4:C	3OK2:C	1.0
3OK4:C	3OK4:K	1.0
3OK4:C	3OK4:I	1.0
3OK4:C	3OK4:O	1.0
3OK4:C	3OK4:1	1.0
3OK4:C	3OK4:M	1.0
3OK4:C	3OK4:S	1.0
3OK4:C	3OK4:Q	1.0
3OK4:C	3OK4:W	1.0
3OK4:C	3OK4:U	1.0
3OK4:C	3OK4:G	1.0
3OK4:C	3OK4:Y	1.0
3OK4:A	3OK2:A	1.0
3OK4:A	3OK4:E	1.0
3OK4:A	3OK2:C	1.0

3OK4:A	3OK4:K	1.0
3OK4:A	3OK4:I	1.0
3OK4:A	3OK4:O	1.0
3OK4:A	3OK4:1	1.0
3OK4:A	3OK4:M	1.0
3OK4:A	3OK4:3	1.0
3OK4:A	3OK4:Q	1.0
3OK4:A	3OK4:W	1.0
3OK4:A	3OK4:U	1.0
3OK4:A	3OK4:S	1.0
3OK4:A	3OK4:G	1.0
3OK4:A	3OK4:Y	1.0
3OK2:A	3OK4:G	1.0
3OK2:A	3OK4:E	1.0
3OK2:A	3OK2:C	1.0
3OK2:A	3OK4:K	1.0
3OK2:A	3OK4:I	1.0
3OK2:A	3OK4:O	1.0
3OK2:A	3OK4:1	1.0
3OK2:A	3OK4:M	1.0
3OK2:A	3OK4:3	1.0
3OK2:A	3OK4:Q	1.0
3OK2:A	3OK4:W	1.0
3OK2:A	3OK4:U	1.0
3OK2:A	3OK4:S	1.0
3OK2:A	3OK4:Y	1.0
3OK4:E	3OK2:C	1.0
3OK4:E	3OK4:K	1.0
3OK4:E	3OK4:I	1.0
3OK4:E	3OK4:O	1.0
3OK4:E	3OK4:1	1.0
3OK4:E	3OK4:M	1.0
3OK4:E	3OK4:3	1.0
3OK4:E	3OK4:Q	1.0
3OK4:E	3OK4:W	1.0
3OK4:E	3OK4:U	1.0
3OK4:E	3OK4:S	1.0
3OK4:E	3OK4:G	1.0
3OK4:E	3OK4:Y	1.0
3OK2:C	3OK4:K	1.0
3OK2:C	3OK4:I	1.0

30K2:C	30K4:O	1.0
30K2:C	30K4:1	1.0
30K2:C	30K4:M	1.0
30K2:C	30K4:3	1.0
30K2:C	30K4:Q	1.0
30K2:C	30K4:W	1.0
30K2:C	30K4:U	1.0
30K2:C	30K4:S	1.0
30K2:C	30K4:G	1.0
30K2:C	30K4:Y	1.0
30K4:K	30K4:I	1.0
30K4:K	30K4:O	1.0
30K4:K	30K4:1	1.0
30K4:K	30K4:M	1.0
30K4:K	30K4:3	1.0
30K4:K	30K4:Q	1.0
30K4:K	30K4:W	1.0
30K4:K	30K4:U	1.0
30K4:K	30K4:S	1.0
30K4:K	30K4:G	1.0
30K4:K	30K4:Y	1.0
30K4:I	30K4:O	1.0
30K4:I	30K4:1	1.0
30K4:I	30K4:M	1.0
30K4:I	30K4:3	1.0
30K4:I	30K4:Q	1.0
30K4:I	30K4:W	1.0
30K4:I	30K4:U	1.0
30K4:I	30K4:S	1.0
30K4:I	30K4:G	1.0
30K4:I	30K4:Y	1.0
30K4:O	30K4:1	1.0
30K4:O	30K4:M	1.0
30K4:O	30K4:3	1.0
30K4:O	30K4:Q	1.0
30K4:O	30K4:W	1.0
30K4:O	30K4:U	1.0
30K4:O	30K4:S	1.0
30K4:O	30K4:G	1.0
30K4:O	30K4:Y	1.0
30K4:1	30K4:M	1.0

3OK4:1	3OK4:3	1.0
3OK4:1	3OK4:Q	1.0
3OK4:1	3OK4:W	1.0
3OK4:1	3OK4:U	1.0
3OK4:1	3OK4:S	1.0
3OK4:1	3OK4:G	1.0
3OK4:1	3OK4:Y	1.0
3OK4:M	3OK4:3	1.0
3OK4:M	3OK4:Q	1.0
3OK4:M	3OK4:W	1.0
3OK4:M	3OK4:U	1.0
3OK4:M	3OK4:S	1.0
3OK4:M	3OK4:G	1.0
3OK4:M	3OK4:Y	1.0
3OK4:3	3OK4:S	1.0
3OK4:3	3OK4:Q	1.0
3OK4:3	3OK4:W	1.0
3OK4:3	3OK4:U	1.0
3OK4:3	3OK4:G	1.0
3OK4:3	3OK4:Y	1.0
3OK4:Q	3OK4:W	1.0
3OK4:Q	3OK4:U	1.0
3OK4:Q	3OK4:S	1.0
3OK4:Q	3OK4:G	1.0
3OK4:Q	3OK4:Y	1.0
3OK4:W	3OK4:U	1.0
3OK4:W	3OK4:S	1.0
3OK4:W	3OK4:G	1.0
3OK4:W	3OK4:Y	1.0
3OK4:U	3OK4:S	1.0
3OK4:U	3OK4:G	1.0
3OK4:U	3OK4:Y	1.0
3OK4:S	3OK4:G	1.0
3OK4:S	3OK4:Y	1.0
3OK4:G	3OK4:Y	1.0
subgraph 153 has 2 nodes		
1FYO:A	1FYP:A	1.0
subgraph 154 has 2 nodes		
3Q3Z:V	3Q3Z:A	1.0
subgraph 155 has 2 nodes		
4P9R:A	4P95:A	1.0

subgraph 156 has 2 nodes		
1IE1:A	1IE2:A	1.0
subgraph 157 has 12 nodes		
2JYH:B	2JYH:A	1.0
2JYH:B	2I7E:B	1.0
2JYH:B	2I7Z:B	1.0
2JYH:B	2JYF:A	1.0
2JYH:B	2JYF:B	1.0
2JYH:B	2JYJ:A	1.0
2JYH:B	2JYJ:B	1.0
2JYH:B	2I7E:A	1.0
2JYH:B	2ADT:B	1.0
2JYH:B	2ADT:A	1.0
2JYH:B	2I7Z:A	1.0
2JYH:A	2I7E:B	1.0
2JYH:A	2I7Z:B	1.0
2JYH:A	2JYF:A	1.0
2JYH:A	2JYF:B	1.0
2JYH:A	2JYJ:A	1.0
2JYH:A	2JYJ:B	1.0
2JYH:A	2I7E:A	1.0
2JYH:A	2ADT:B	1.0
2JYH:A	2ADT:A	1.0
2JYH:A	2I7Z:A	1.0
2I7E:B	2I7E:A	1.0
2I7E:B	2I7Z:B	1.0
2I7E:B	2JYF:A	1.0
2I7E:B	2JYF:B	1.0
2I7E:B	2JYJ:A	1.0
2I7E:B	2JYJ:B	1.0
2I7E:B	2ADT:B	1.0
2I7E:B	2ADT:A	1.0
2I7E:B	2I7Z:A	1.0
2I7Z:B	2I7E:A	1.0
2I7Z:B	2JYF:A	1.0
2I7Z:B	2JYF:B	1.0
2I7Z:B	2JYJ:A	1.0
2I7Z:B	2JYJ:B	1.0
2I7Z:B	2ADT:B	1.0
2I7Z:B	2ADT:A	1.0
2I7Z:B	2I7Z:A	1.0

2JYF:A	2JYF:B	1.0
2JYF:A	2JYJ:A	1.0
2JYF:A	2JYJ:B	1.0
2JYF:A	2I7E:A	1.0
2JYF:A	2ADT:B	1.0
2JYF:A	2ADT:A	1.0
2JYF:A	2I7Z:A	1.0
2JYF:B	2JYJ:A	1.0
2JYF:B	2JYJ:B	1.0
2JYF:B	2I7E:A	1.0
2JYF:B	2ADT:B	1.0
2JYF:B	2ADT:A	1.0
2JYF:B	2I7Z:A	1.0
2JYJ:A	2JYJ:B	1.0
2JYJ:A	2I7E:A	1.0
2JYJ:A	2ADT:B	1.0
2JYJ:A	2ADT:A	1.0
2JYJ:A	2I7Z:A	1.0
2JYJ:B	2I7E:A	1.0
2JYJ:B	2ADT:B	1.0
2JYJ:B	2ADT:A	1.0
2JYJ:B	2I7Z:A	1.0
2I7E:A	2ADT:B	1.0
2I7E:A	2ADT:A	1.0
2I7E:A	2I7Z:A	1.0
2ADT:B	2ADT:A	1.0
2ADT:B	2I7Z:A	1.0
2ADT:A	2I7Z:A	1.0
subgraph 158 has 3 nodes		
4QJH:C	4QJH:A	1.0
4QJH:C	4QJH:E	1.0
4QJH:A	4QJH:E	1.0
subgraph 159 has 3 nodes		
4QJH:B	4QJH:F	1.0
4QJH:B	4QJH:D	1.0
4QJH:F	4QJH:D	1.0
subgraph 160 has 4 nodes		
1DUQ:E	1DUQ:G	1.0
1DUQ:E	1DUQ:A	1.0
1DUQ:E	1DUQ:C	1.0
1DUQ:G	1DUQ:A	1.0

1DUQ:G	1DUQ:C	1.0
1DUQ:A	1DUQ:C	1.0
subgraph 161 has 4 nodes		
1DUQ:D	1DUQ:F	1.0
1DUQ:D	1DUQ:H	1.0
1DUQ:D	1DUQ:B	1.0
1DUQ:F	1DUQ:H	1.0
1DUQ:F	1DUQ:B	1.0
1DUQ:H	1DUQ:B	1.0
subgraph 162 has 2 nodes		
1PJY:A	2JUK:A	1.0
subgraph 163 has 2 nodes		
1KPZ:A	1KPY:A	1.0
subgraph 164 has 4 nodes		
3DG5:A	3DG0:A	1.0
3DG5:A	3DG2:A	1.0
3DG5:A	3DG4:A	1.0
3DG0:A	3DG2:A	1.0
3DG0:A	3DG4:A	1.0
3DG2:A	3DG4:A	1.0
subgraph 165 has 2 nodes		
1I9X:A	1I9X:B	1.0
subgraph 166 has 8 nodes		
4JAH:E	4JAH:D	1.0
4JAH:E	4JAH:F	1.0
4JAH:E	4JAH:A	1.0
4JAH:E	4JAH:C	1.0
4JAH:E	4JAH:B	1.0
4JAH:E	4JAB:B	1.0
4JAH:E	4JAB:A	1.0
4JAH:D	4JAH:F	1.0
4JAH:D	4JAH:A	1.0
4JAH:D	4JAH:C	1.0
4JAH:D	4JAH:B	1.0
4JAH:D	4JAB:B	1.0
4JAH:D	4JAB:A	1.0
4JAH:F	4JAH:A	1.0
4JAH:F	4JAH:C	1.0
4JAH:F	4JAH:B	1.0
4JAH:F	4JAB:B	1.0
4JAH:F	4JAB:A	1.0

4JAH:A	4JAH:C	1.0
4JAH:A	4JAH:B	1.0
4JAH:A	4JAB:B	1.0
4JAH:A	4JAB:A	1.0
4JAH:C	4JAH:B	1.0
4JAH:C	4JAB:B	1.0
4JAH:C	4JAB:A	1.0
4JAH:B	4JAB:B	1.0
4JAH:B	4JAB:A	1.0
4JAB:B	4JAB:A	1.0
subgraph 167 has 2 nodes		
1DQF:A	1DQH:A	1.0
subgraph 168 has 2 nodes		
2L9E:A	1FEQ:A	1.0
subgraph 169 has 9 nodes		
4WCS:A	4WCS:B	1.0
4WCS:A	4WCP:B	1.0
4WCS:A	4WCP:C	1.0
4WCS:A	4WCP:A	1.0
4WCS:A	4WCR:A	1.0
4WCS:A	4WCR:B	1.0
4WCS:A	4WCQ:B	1.0
4WCS:A	4WCQ:A	1.0
4WCS:B	4WCP:B	1.0
4WCS:B	4WCP:C	1.0
4WCS:B	4WCP:A	1.0
4WCS:B	4WCR:A	1.0
4WCS:B	4WCR:B	1.0
4WCS:B	4WCQ:B	1.0
4WCS:B	4WCQ:A	1.0
4WCP:B	4WCP:C	1.0
4WCP:B	4WCP:A	1.0
4WCP:B	4WCR:A	1.0
4WCP:B	4WCR:B	1.0
4WCP:B	4WCQ:B	1.0
4WCP:B	4WCQ:A	1.0
4WCP:C	4WCP:A	1.0
4WCP:C	4WCR:A	1.0
4WCP:C	4WCR:B	1.0
4WCP:C	4WCQ:B	1.0
4WCP:C	4WCQ:A	1.0

4WCP:A	4WCR:A	1.0
4WCP:A	4WCR:B	1.0
4WCP:A	4WCQ:B	1.0
4WCP:A	4WCQ:A	1.0
4WCR:A	4WCR:B	1.0
4WCR:A	4WCQ:B	1.0
4WCR:A	4WCQ:A	1.0
4WCR:B	4WCQ:B	1.0
4WCR:B	4WCQ:A	1.0
4WCQ:B	4WCQ:A	1.0
subgraph 170 has 8 nodes		
2R22:A	2R22:B	1.0
2R22:A	2R1S:A	1.0
2R22:A	2R1S:B	1.0
2R22:A	2R20:B	1.0
2R22:A	2R20:A	1.0
2R22:A	2R21:B	1.0
2R22:A	2R21:A	1.0
2R22:B	2R1S:A	1.0
2R22:B	2R1S:B	1.0
2R22:B	2R20:B	1.0
2R22:B	2R20:A	1.0
2R22:B	2R21:B	1.0
2R22:B	2R21:A	1.0
2R1S:A	2R1S:B	1.0
2R1S:A	2R20:B	1.0
2R1S:A	2R20:A	1.0
2R1S:A	2R21:B	1.0
2R1S:A	2R21:A	1.0
2R1S:B	2R20:B	1.0
2R1S:B	2R20:A	1.0
2R1S:B	2R21:B	1.0
2R1S:B	2R21:A	1.0
2R20:B	2R20:A	1.0
2R20:B	2R21:B	1.0
2R20:B	2R21:A	1.0
2R20:A	2R21:B	1.0
2R20:A	2R21:A	1.0
2R21:B	2R21:A	1.0
subgraph 171 has 2 nodes		
2M24:A	2M23:A	1.0

subgraph 172 has 2 nodes		
2M23:B	2K65:B	1.0
subgraph 173 has 4 nodes		
4K32:A	4K32:B	1.0
4K32:A	4K31:C	1.0
4K32:A	4K31:B	1.0
4K32:B	4K31:C	1.0
4K32:B	4K31:B	1.0
4K31:C	4K31:B	1.0
subgraph 174 has 22 nodes		
4RNE:E	4RNE:D	1.0
4RNE:E	4RNE:G	1.0
4RNE:E	4RNE:F	1.0
4RNE:E	4RNE:A	1.0
4RNE:E	1J8G:C	1.0
4RNE:E	4RNE:C	1.0
4RNE:E	4RNE:B	1.0
4RNE:E	4RKV:A	1.0
4RNE:E	1RAU:D	1.0
4RNE:E	1RAU:C	1.0
4RNE:E	4RNE:H	1.0
4RNE:E	1RAU:A	1.0
4RNE:E	1RAU:B	1.0
4RNE:E	1J8G:A	1.0
4RNE:E	4RKV:B	1.0
4RNE:E	4XK0:A	1.0
4RNE:E	1J8G:B	1.0
4RNE:E	4XK0:C	1.0
4RNE:E	4RJ1:A	1.0
4RNE:E	1J8G:D	1.0
4RNE:E	4RJ1:B	1.0
4RNE:D	4RNE:G	1.0
4RNE:D	4RNE:F	1.0
4RNE:D	4RNE:A	1.0
4RNE:D	1J8G:C	1.0
4RNE:D	4RNE:C	1.0
4RNE:D	4RNE:B	1.0
4RNE:D	4RKV:A	1.0
4RNE:D	1RAU:D	1.0
4RNE:D	1RAU:C	1.0
4RNE:D	4RNE:H	1.0

4RNE:D	1RAU:A	1.0
4RNE:D	1RAU:B	1.0
4RNE:D	1J8G:A	1.0
4RNE:D	4RKV:B	1.0
4RNE:D	4XK0:A	1.0
4RNE:D	1J8G:B	1.0
4RNE:D	4XK0:C	1.0
4RNE:D	4RJ1:A	1.0
4RNE:D	1J8G:D	1.0
4RNE:D	4RJ1:B	1.0
4RNE:G	1J8G:D	1.0
4RNE:G	4RNE:F	1.0
4RNE:G	4RNE:A	1.0
4RNE:G	1J8G:C	1.0
4RNE:G	4RNE:C	1.0
4RNE:G	4RNE:B	1.0
4RNE:G	4RKV:A	1.0
4RNE:G	1RAU:D	1.0
4RNE:G	1RAU:C	1.0
4RNE:G	4RNE:H	1.0
4RNE:G	1RAU:A	1.0
4RNE:G	1RAU:B	1.0
4RNE:G	1J8G:A	1.0
4RNE:G	4RKV:B	1.0
4RNE:G	4XK0:A	1.0
4RNE:G	1J8G:B	1.0
4RNE:G	4XK0:C	1.0
4RNE:G	4RJ1:A	1.0
4RNE:G	4RJ1:B	1.0
4RNE:F	1RAU:D	1.0
4RNE:F	4RNE:A	1.0
4RNE:F	1J8G:C	1.0
4RNE:F	4RNE:C	1.0
4RNE:F	4RNE:B	1.0
4RNE:F	4RKV:A	1.0
4RNE:F	4RKV:B	1.0
4RNE:F	1RAU:C	1.0
4RNE:F	4RNE:H	1.0
4RNE:F	1RAU:A	1.0
4RNE:F	1RAU:B	1.0
4RNE:F	1J8G:A	1.0

4RNE:F	4XK0:A	1.0
4RNE:F	1J8G:B	1.0
4RNE:F	4XK0:C	1.0
4RNE:F	4RJ1:A	1.0
4RNE:F	1J8G:D	1.0
4RNE:F	4RJ1:B	1.0
4RNE:A	1J8G:B	1.0
4RNE:A	1J8G:C	1.0
4RNE:A	4RNE:C	1.0
4RNE:A	4RNE:B	1.0
4RNE:A	4RKV:A	1.0
4RNE:A	1RAU:D	1.0
4RNE:A	1RAU:C	1.0
4RNE:A	4RNE:H	1.0
4RNE:A	1RAU:A	1.0
4RNE:A	1RAU:B	1.0
4RNE:A	1J8G:A	1.0
4RNE:A	4RKV:B	1.0
4RNE:A	4XK0:A	1.0
4RNE:A	4XK0:C	1.0
4RNE:A	4RJ1:A	1.0
4RNE:A	1J8G:D	1.0
4RNE:A	4RJ1:B	1.0
4RNE:C	1J8G:C	1.0
4RNE:C	4RNE:B	1.0
4RNE:C	4RKV:A	1.0
4RNE:C	1RAU:D	1.0
4RNE:C	1RAU:C	1.0
4RNE:C	4RNE:H	1.0
4RNE:C	1RAU:A	1.0
4RNE:C	1RAU:B	1.0
4RNE:C	1J8G:A	1.0
4RNE:C	4RKV:B	1.0
4RNE:C	4XK0:A	1.0
4RNE:C	1J8G:B	1.0
4RNE:C	4XK0:C	1.0
4RNE:C	4RJ1:A	1.0
4RNE:C	1J8G:D	1.0
4RNE:C	4RJ1:B	1.0
4RNE:B	1J8G:C	1.0
4RNE:B	1J8G:A	1.0

4RNE:B	4RKV:A	1.0
4RNE:B	1RAU:D	1.0
4RNE:B	1RAU:C	1.0
4RNE:B	4RNE:H	1.0
4RNE:B	1RAU:A	1.0
4RNE:B	1RAU:B	1.0
4RNE:B	4RKV:B	1.0
4RNE:B	4XK0:A	1.0
4RNE:B	1J8G:B	1.0
4RNE:B	4XK0:C	1.0
4RNE:B	4RJ1:A	1.0
4RNE:B	1J8G:D	1.0
4RNE:B	4RJ1:B	1.0
1RAU:D	1J8G:C	1.0
1RAU:D	4RKV:A	1.0
1RAU:D	1J8G:A	1.0
1RAU:D	1RAU:C	1.0
1RAU:D	4RNE:H	1.0
1RAU:D	1RAU:A	1.0
1RAU:D	1RAU:B	1.0
1RAU:D	4RKV:B	1.0
1RAU:D	4XK0:A	1.0
1RAU:D	1J8G:B	1.0
1RAU:D	4XK0:C	1.0
1RAU:D	4RJ1:A	1.0
1RAU:D	1J8G:D	1.0
1RAU:D	4RJ1:B	1.0
1RAU:C	1J8G:C	1.0
1RAU:C	4RKV:A	1.0
1RAU:C	4RNE:H	1.0
1RAU:C	1RAU:A	1.0
1RAU:C	1RAU:B	1.0
1RAU:C	1J8G:A	1.0
1RAU:C	4RKV:B	1.0
1RAU:C	4XK0:A	1.0
1RAU:C	1J8G:B	1.0
1RAU:C	4XK0:C	1.0
1RAU:C	4RJ1:A	1.0
1RAU:C	1J8G:D	1.0
1RAU:C	4RJ1:B	1.0
4RNE:H	1J8G:C	1.0

4RNE:H	4RKV:A	1.0
4RNE:H	1RAU:B	1.0
4RNE:H	1RAU:A	1.0
4RNE:H	1J8G:A	1.0
4RNE:H	4RKV:B	1.0
4RNE:H	4XK0:A	1.0
4RNE:H	1J8G:B	1.0
4RNE:H	4XK0:C	1.0
4RNE:H	4RJ1:A	1.0
4RNE:H	1J8G:D	1.0
4RNE:H	4RJ1:B	1.0
1RAU:A	1J8G:C	1.0
1RAU:A	4RKV:A	1.0
1RAU:A	1RAU:B	1.0
1RAU:A	1J8G:A	1.0
1RAU:A	4RKV:B	1.0
1RAU:A	4XK0:A	1.0
1RAU:A	1J8G:B	1.0
1RAU:A	4XK0:C	1.0
1RAU:A	4RJ1:A	1.0
1RAU:A	1J8G:D	1.0
1RAU:A	4RJ1:B	1.0
4RJ1:A	1J8G:C	1.0
4RJ1:A	4RKV:A	1.0
4RJ1:A	1RAU:B	1.0
4RJ1:A	1J8G:A	1.0
4RJ1:A	4RKV:B	1.0
4RJ1:A	4XK0:A	1.0
4RJ1:A	1J8G:B	1.0
4RJ1:A	4XK0:C	1.0
4RJ1:A	1J8G:D	1.0
4RJ1:A	4RJ1:B	1.0
4RJ1:B	1J8G:C	1.0
4RJ1:B	4RKV:A	1.0
4RJ1:B	1RAU:B	1.0
4RJ1:B	1J8G:A	1.0
4RJ1:B	4RKV:B	1.0
4RJ1:B	4XK0:A	1.0
4RJ1:B	1J8G:B	1.0
4RJ1:B	4XK0:C	1.0
4RJ1:B	1J8G:D	1.0

1RAU:B	1J8G:C	1.0
1RAU:B	4RKV:A	1.0
1RAU:B	1J8G:A	1.0
1RAU:B	4RKV:B	1.0
1RAU:B	4XK0:A	1.0
1RAU:B	1J8G:B	1.0
1RAU:B	4XK0:C	1.0
1RAU:B	1J8G:D	1.0
1J8G:D	1J8G:C	1.0
1J8G:D	4RKV:A	1.0
1J8G:D	1J8G:A	1.0
1J8G:D	4RKV:B	1.0
1J8G:D	4XK0:A	1.0
1J8G:D	1J8G:B	1.0
1J8G:D	4XK0:C	1.0
1J8G:B	1J8G:C	1.0
1J8G:B	4RKV:A	1.0
1J8G:B	1J8G:A	1.0
1J8G:B	4RKV:B	1.0
1J8G:B	4XK0:A	1.0
1J8G:B	4XK0:C	1.0
1J8G:C	4RKV:A	1.0
1J8G:C	1J8G:A	1.0
1J8G:C	4RKV:B	1.0
1J8G:C	4XK0:A	1.0
1J8G:C	4XK0:C	1.0
1J8G:A	4RKV:A	1.0
1J8G:A	4RKV:B	1.0
1J8G:A	4XK0:A	1.0
1J8G:A	4XK0:C	1.0
4RKV:A	4RKV:B	1.0
4RKV:A	4XK0:A	1.0
4RKV:A	4XK0:C	1.0
4RKV:B	4XK0:A	1.0
4RKV:B	4XK0:C	1.0
4XK0:A	4XK0:C	1.0
subgraph 175 has 2 nodes		
1QCU:B	1QCU:C	1.0
subgraph 176 has 2 nodes		
1QCU:A	1QCU:D	1.0
subgraph 177 has 2 nodes		

4WFM:A	4WFM:B	1.0
subgraph 178 has 2 nodes		
2KY0:B	2KY0:A	1.0
subgraph 179 has 4 nodes		
2GDI:X	4NYA:A	1.0
2GDI:X	4NYA:B	1.0
2GDI:X	2GDI:Y	1.0
4NYA:A	2GDI:Y	1.0
4NYA:A	4NYA:B	1.0
4NYA:B	2GDI:Y	1.0
subgraph 180 has 2 nodes		
3DS7:B	3DS7:A	1.0
subgraph 181 has 4 nodes		
1S9L:C	1S9L:B	1.0
1S9L:C	1S9L:A	1.0
1S9L:C	1S9L:D	1.0
1S9L:B	1S9L:A	1.0
1S9L:B	1S9L:D	1.0
1S9L:A	1S9L:D	1.0
subgraph 182 has 3 nodes		
2KXM:A	2MXS:A	1.0
2KXM:A	2NOJ:A	1.0
2NOJ:A	2MXS:A	1.0
subgraph 183 has 6 nodes		
2CD5:A	1F78:A	1.0
2CD5:A	1F7H:A	1.0
2CD5:A	1F7F:A	1.0
2CD5:A	1F6X:A	1.0
2CD5:A	2CD1:A	1.0
1F7F:A	1F78:A	1.0
1F7F:A	2CD1:A	1.0
1F7F:A	1F6X:A	1.0
1F7F:A	1F7H:A	1.0
1F78:A	2CD1:A	1.0
1F78:A	1F6X:A	1.0
1F78:A	1F7H:A	1.0
2CD1:A	1F6X:A	1.0
2CD1:A	1F7H:A	1.0
1F7H:A	1F6X:A	1.0
subgraph 184 has 9 nodes		
1NJO:0	2O45:A	1.0

1NJO:0	2O44:A	1.0
1NJO:0	1NJN:0	1.0
1NJO:0	1Z58:2	1.0
1NJO:0	2O43:A	1.0
1NJO:0	1P9X:0	1.0
1NJO:0	3FWO:A	1.0
1NJO:0	3JQ4:A	1.0
2O45:A	1Z58:2	1.0
2O45:A	2O44:A	1.0
2O45:A	1NJN:0	1.0
2O45:A	1P9X:0	1.0
2O45:A	2O43:A	1.0
2O45:A	3FWO:A	1.0
2O45:A	3JQ4:A	1.0
2O44:A	1NJN:0	1.0
2O44:A	1Z58:2	1.0
2O44:A	1P9X:0	1.0
2O44:A	2O43:A	1.0
2O44:A	3FWO:A	1.0
2O44:A	3JQ4:A	1.0
1NJN:0	1Z58:2	1.0
1NJN:0	1P9X:0	1.0
1NJN:0	2O43:A	1.0
1NJN:0	3FWO:A	1.0
1NJN:0	3JQ4:A	1.0
1Z58:2	1P9X:0	1.0
1Z58:2	2O43:A	1.0
1Z58:2	3FWO:A	1.0
1Z58:2	3JQ4:A	1.0
2O43:A	1P9X:0	1.0
2O43:A	3FWO:A	1.0
2O43:A	3JQ4:A	1.0
1P9X:0	3FWO:A	1.0
1P9X:0	3JQ4:A	1.0
3FWO:A	3JQ4:A	1.0
subgraph 185 has 2 nodes		
364D:B	357D:B	1.0
subgraph 186 has 2 nodes		
357D:A	364D:A	1.0
subgraph 187 has 2 nodes		
3P4D:A	3P4D:B	1.0

subgraph 188 has 4 nodes		
4O41:D	4O41:B	1.0
4O41:D	4O41:C	1.0
4O41:D	4O41:A	1.0
4O41:B	4O41:C	1.0
4O41:B	4O41:A	1.0
4O41:C	4O41:A	1.0
subgraph 189 has 2 nodes		
1SLP:A	1SLO:A	1.0
subgraph 190 has 2 nodes		
1L3Z:A	1L3Z:B	1.0
subgraph 191 has 2 nodes		
4JRD:A	4JRD:B	1.0
subgraph 192 has 4 nodes		
3GM7:H	3GM7:G	1.0
3GM7:H	1ZEV:B	1.0
3GM7:H	1ZEV:A	1.0
3GM7:G	1ZEV:A	1.0
3GM7:G	1ZEV:B	1.0
1ZEV:B	1ZEV:A	1.0
subgraph 193 has 3 nodes		
2X2Q:D	3GVN:A	1.0
2X2Q:D	2X2Q:B	1.0
3GVN:A	2X2Q:B	1.0
subgraph 194 has 2 nodes		
2AP0:A	2AP5:A	1.0
subgraph 195 has 3 nodes		
1Q96:C	1Q96:B	1.0
1Q96:C	1Q96:A	1.0
1Q96:B	1Q96:A	1.0
subgraph 196 has 3 nodes		
1YN2:A	1YN1:A	1.0
1YN2:A	1TBK:A	1.0
1YN1:A	1TBK:A	1.0
subgraph 197 has 2 nodes		
433D:B	433D:A	1.0
subgraph 198 has 8 nodes		
2GRB:H	2GRB:E	1.0
2GRB:H	2GRB:D	1.0
2GRB:H	2GRB:G	1.0
2GRB:H	2GRB:F	1.0

2GRB:H	2GRB:A	1.0
2GRB:H	2GRB:C	1.0
2GRB:H	2GRB:B	1.0
2GRB:E	2GRB:D	1.0
2GRB:E	2GRB:G	1.0
2GRB:E	2GRB:F	1.0
2GRB:E	2GRB:A	1.0
2GRB:E	2GRB:C	1.0
2GRB:E	2GRB:B	1.0
2GRB:D	2GRB:G	1.0
2GRB:D	2GRB:F	1.0
2GRB:D	2GRB:A	1.0
2GRB:D	2GRB:C	1.0
2GRB:D	2GRB:B	1.0
2GRB:G	2GRB:F	1.0
2GRB:G	2GRB:A	1.0
2GRB:G	2GRB:C	1.0
2GRB:G	2GRB:B	1.0
2GRB:F	2GRB:A	1.0
2GRB:F	2GRB:C	1.0
2GRB:F	2GRB:B	1.0
2GRB:A	2GRB:C	1.0
2GRB:A	2GRB:B	1.0
2GRB:C	2GRB:B	1.0
subgraph 199 has 2 nodes		
3GOG:A	2EET:A	1.0
subgraph 200 has 2 nodes		
2VAL:C	2VAL:D	1.0
subgraph 201 has 2 nodes		
2VAL:B	2VAL:A	1.0
subgraph 202 has 2 nodes		
5A18:A	5A17:A	1.0
subgraph 203 has 5 nodes		
1FOQ:E	1FOQ:D	1.0
1FOQ:E	1FOQ:A	1.0
1FOQ:E	1FOQ:C	1.0
1FOQ:E	1FOQ:B	1.0
1FOQ:D	1FOQ:A	1.0
1FOQ:D	1FOQ:C	1.0
1FOQ:D	1FOQ:B	1.0
1FOQ:A	1FOQ:C	1.0

1FOQ:A	1FOQ:B	1.0
1FOQ:C	1FOQ:B	1.0
subgraph 204 has 4 nodes		
3B31:B	3MJB:B	1.0
3B31:B	3MJA:C	1.0
3B31:B	3MJ3:C	1.0
3MJB:B	3MJA:C	1.0
3MJB:B	3MJ3:C	1.0
3MJA:C	3MJ3:C	1.0
subgraph 205 has 2 nodes		
1AL5:B	1AL5:A	1.0
subgraph 206 has 2 nodes		
3GS1:A	3GS8:A	1.0
subgraph 207 has 2 nodes		
1JP0:A	1JOX:A	1.0
subgraph 208 has 2 nodes		
4QLN:A	4QLM:A	1.0
subgraph 209 has 2 nodes		
2YIF:Z	2YIE:Z	1.0
subgraph 210 has 2 nodes		
1Q29:B	1NYI:B	1.0
subgraph 211 has 2 nodes		
2QUS:B	2QUS:A	1.0
subgraph 212 has 3 nodes		
4E48:A	4E48:B	1.0
4E48:A	4E48:D	1.0
4E48:B	4E48:D	1.0
subgraph 213 has 4 nodes		
3P22:E	3P22:G	1.0
3P22:E	3P22:A	1.0
3P22:E	3P22:C	1.0
3P22:G	3P22:A	1.0
3P22:G	3P22:C	1.0
3P22:A	3P22:C	1.0
subgraph 214 has 4 nodes		
3P22:D	3P22:F	1.0
3P22:D	3P22:H	1.0
3P22:D	3P22:B	1.0
3P22:F	3P22:H	1.0
3P22:F	3P22:B	1.0
3P22:H	3P22:B	1.0

subgraph 215 has 12 nodes		
4U3P:A	4U3P:B	1.0
4U3P:A	4U3R:B	1.0
4U3P:A	4U3R:A	1.0
4U3P:A	4U78:A	1.0
4U3P:A	4U78:B	1.0
4U3P:A	4U3L:A	1.0
4U3P:A	4U3L:B	1.0
4U3P:A	4U47:B	1.0
4U3P:A	4U30:B	1.0
4U3P:A	4U30:A	1.0
4U3P:A	4U47:A	1.0
4U3P:B	4U3R:B	1.0
4U3P:B	4U3R:A	1.0
4U3P:B	4U78:A	1.0
4U3P:B	4U78:B	1.0
4U3P:B	4U3L:A	1.0
4U3P:B	4U3L:B	1.0
4U3P:B	4U47:B	1.0
4U3P:B	4U30:B	1.0
4U3P:B	4U30:A	1.0
4U3P:B	4U47:A	1.0
4U3R:B	4U3R:A	1.0
4U3R:B	4U78:A	1.0
4U3R:B	4U78:B	1.0
4U3R:B	4U3L:A	1.0
4U3R:B	4U3L:B	1.0
4U3R:B	4U47:B	1.0
4U3R:B	4U30:B	1.0
4U3R:B	4U30:A	1.0
4U3R:B	4U47:A	1.0
4U3R:A	4U78:A	1.0
4U3R:A	4U78:B	1.0
4U3R:A	4U3L:A	1.0
4U3R:A	4U3L:B	1.0
4U3R:A	4U47:B	1.0
4U3R:A	4U30:B	1.0
4U3R:A	4U30:A	1.0
4U3R:A	4U47:A	1.0
4U78:A	4U78:B	1.0
4U78:A	4U3L:A	1.0

4U78:A	4U3L:B	1.0
4U78:A	4U47:B	1.0
4U78:A	4U30:B	1.0
4U78:A	4U30:A	1.0
4U78:A	4U47:A	1.0
4U78:B	4U3L:A	1.0
4U78:B	4U3L:B	1.0
4U78:B	4U47:B	1.0
4U78:B	4U30:B	1.0
4U78:B	4U30:A	1.0
4U78:B	4U47:A	1.0
4U3L:A	4U3L:B	1.0
4U3L:A	4U47:B	1.0
4U3L:A	4U30:B	1.0
4U3L:A	4U30:A	1.0
4U3L:A	4U47:A	1.0
4U3L:B	4U47:B	1.0
4U3L:B	4U30:B	1.0
4U3L:B	4U30:A	1.0
4U3L:B	4U47:A	1.0
4U47:B	4U30:B	1.0
4U47:B	4U30:A	1.0
4U47:B	4U47:A	1.0
4U30:B	4U30:A	1.0
4U30:B	4U47:A	1.0
4U30:A	4U47:A	1.0
subgraph 216 has 2 nodes		
2KY1:B	2KY1:A	1.0
subgraph 217 has 8 nodes		
5AY4:A	5AY2:D	1.0
5AY4:A	5AY2:C	1.0
5AY4:A	5AY2:B	1.0
5AY4:A	5AY2:A	1.0
5AY4:A	5AY4:B	1.0
5AY4:A	5AY3:B	1.0
5AY4:A	5AY3:A	1.0
5AY2:D	5AY4:B	1.0
5AY2:D	5AY2:C	1.0
5AY2:D	5AY2:B	1.0
5AY2:D	5AY2:A	1.0
5AY2:D	5AY3:B	1.0

5AY2:D	5AY3:A	1.0
5AY2:C	5AY2:B	1.0
5AY2:C	5AY2:A	1.0
5AY2:C	5AY4:B	1.0
5AY2:C	5AY3:B	1.0
5AY2:C	5AY3:A	1.0
5AY2:B	5AY2:A	1.0
5AY2:B	5AY4:B	1.0
5AY2:B	5AY3:B	1.0
5AY2:B	5AY3:A	1.0
5AY2:A	5AY4:B	1.0
5AY2:A	5AY3:B	1.0
5AY2:A	5AY3:A	1.0
5AY4:B	5AY3:B	1.0
5AY4:B	5AY3:A	1.0
5AY3:B	5AY3:A	1.0
subgraph 218 has 2 nodes		
1EBQ:A	1EBS:A	1.0
subgraph 219 has 2 nodes		
1YLG:A	1YNC:A	1.0
subgraph 220 has 2 nodes		
1JZV:A	1JZV:C	1.0
subgraph 221 has 2 nodes		
1JZV:B	1JZV:D	1.0
subgraph 222 has 2 nodes		
2O81:A	2O81:B	1.0
subgraph 223 has 6 nodes		
4IQS:E	4IQS:D	1.0
4IQS:E	4IQS:F	1.0
4IQS:E	4IQS:A	1.0
4IQS:E	4IQS:C	1.0
4IQS:E	4IQS:B	1.0
4IQS:D	4IQS:F	1.0
4IQS:D	4IQS:A	1.0
4IQS:D	4IQS:C	1.0
4IQS:D	4IQS:B	1.0
4IQS:F	4IQS:A	1.0
4IQS:F	4IQS:C	1.0
4IQS:F	4IQS:B	1.0
4IQS:A	4IQS:C	1.0
4IQS:A	4IQS:B	1.0

4IQS:C	4IQS:B	1.0
subgraph 224 has 2 nodes		
4JRC:B	4JRC:A	1.0
subgraph 225 has 2 nodes		
4FAW:B	4E8T:B	1.0
subgraph 226 has 2 nodes		
4MEH:B	4MEG:B	1.0
subgraph 227 has 6 nodes		
2L8W:A	2L8U:B	1.0
2L8W:A	2L8U:A	1.0
2L8W:A	2L8W:B	1.0
2L8W:A	2L8C:A	1.0
2L8W:A	2L8C:B	1.0
2L8W:B	2L8U:B	1.0
2L8W:B	2L8U:A	1.0
2L8W:B	2L8C:A	1.0
2L8W:B	2L8C:B	1.0
2L8C:A	2L8U:B	1.0
2L8C:A	2L8U:A	1.0
2L8C:A	2L8C:B	1.0
2L8C:B	2L8U:B	1.0
2L8C:B	2L8U:A	1.0
2L8U:B	2L8U:A	1.0
subgraph 228 has 2 nodes		
2K96:A	1YMO:A	1.0
subgraph 229 has 4 nodes		
4MEG:A	2HO7:A	1.0
4MEG:A	4MEH:A	1.0
4MEG:A	2HO6:A	1.0
2HO7:A	4MEH:A	1.0
2HO7:A	2HO6:A	1.0
4MEH:A	2HO6:A	1.0
subgraph 230 has 2 nodes		
438D:B	438D:A	1.0
subgraph 231 has 2 nodes		
3CW6:A	3CW5:A	1.0
subgraph 232 has 2 nodes		
2AGN:A	1F84:A	1.0
subgraph 233 has 2 nodes		
2MVS:2	2MVS:1	1.0
subgraph 234 has 4 nodes		

3RKF:A	3RKF:B	1.0
3RKF:A	3RKF:C	1.0
3RKF:A	3RKF:D	1.0
3RKF:B	3RKF:C	1.0
3RKF:B	3RKF:D	1.0
3RKF:C	3RKF:D	1.0
subgraph 235 has 2 nodes		
1MIS:B	1MIS:A	1.0
subgraph 236 has 6 nodes		
4MCF:H	4MCF:F	1.0
4MCF:H	4MCF:D	1.0
4MCF:H	4MCE:B	1.0
4MCF:H	4MCF:B	1.0
4MCF:H	4MCE:D	1.0
4MCF:F	4MCF:D	1.0
4MCF:F	4MCE:B	1.0
4MCF:F	4MCF:B	1.0
4MCF:F	4MCE:D	1.0
4MCF:D	4MCE:B	1.0
4MCF:D	4MCF:B	1.0
4MCF:D	4MCE:D	1.0
4MCE:B	4MCF:B	1.0
4MCE:B	4MCE:D	1.0
4MCF:B	4MCE:D	1.0
subgraph 237 has 6 nodes		
4MCE:A	4MCF:G	1.0
4MCE:A	4MCE:C	1.0
4MCE:A	4MCF:E	1.0
4MCE:A	4MCF:C	1.0
4MCE:A	4MCF:A	1.0
4MCF:G	4MCE:C	1.0
4MCF:G	4MCF:E	1.0
4MCF:G	4MCF:C	1.0
4MCF:G	4MCF:A	1.0
4MCE:C	4MCF:E	1.0
4MCE:C	4MCF:C	1.0
4MCE:C	4MCF:A	1.0
4MCF:E	4MCF:C	1.0
4MCF:E	4MCF:A	1.0
4MCF:C	4MCF:A	1.0
subgraph 238 has 2 nodes		

364D:C	357D:C	1.0
subgraph 239 has 2 nodes		
1JU7:A	1JWC:A	1.0
subgraph 240 has 5 nodes		
4U38:H	4U38:B	1.0
4U38:H	4U35:B	1.0
4U38:H	4U38:D	1.0
4U38:H	4U38:F	1.0
4U38:B	4U35:B	1.0
4U38:B	4U38:D	1.0
4U38:B	4U38:F	1.0
4U35:B	4U38:D	1.0
4U35:B	4U38:F	1.0
4U38:D	4U38:F	1.0
subgraph 241 has 2 nodes		
1AJL:A	1AJT:A	1.0
subgraph 242 has 2 nodes		
4ZNP:A	4ZNP:B	1.0
subgraph 243 has 10 nodes		
3BBK:B	3BBM:B	1.0
3BBK:B	3B91:B	1.0
3BBK:B	3B5F:B	1.0
3BBK:B	3B5S:B	1.0
3BBK:B	3B5A:B	1.0
3BBK:B	3B58:B	1.0
3BBK:B	3BBI:B	1.0
3BBK:B	4G6P:B	1.0
3BBK:B	4G6S:B	1.0
3BBM:B	3B91:B	1.0
3BBM:B	3B5F:B	1.0
3BBM:B	3B5S:B	1.0
3BBM:B	3B5A:B	1.0
3BBM:B	3B58:B	1.0
3BBM:B	3BBI:B	1.0
3BBM:B	4G6P:B	1.0
3BBM:B	4G6S:B	1.0
3B91:B	3B5F:B	1.0
3B91:B	3B5S:B	1.0
3B91:B	3B5A:B	1.0
3B91:B	3B58:B	1.0
3B91:B	3BBI:B	1.0

3B91:B	4G6P:B	1.0
3B91:B	4G6S:B	1.0
3B5F:B	3B5S:B	1.0
3B5F:B	3B5A:B	1.0
3B5F:B	3B58:B	1.0
3B5F:B	3BBI:B	1.0
3B5F:B	4G6P:B	1.0
3B5F:B	4G6S:B	1.0
3B5S:B	3B5A:B	1.0
3B5S:B	3B58:B	1.0
3B5S:B	3BBI:B	1.0
3B5S:B	4G6P:B	1.0
3B5S:B	4G6S:B	1.0
3B5A:B	3B58:B	1.0
3B5A:B	3BBI:B	1.0
3B5A:B	4G6P:B	1.0
3B5A:B	4G6S:B	1.0
3B58:B	3BBI:B	1.0
3B58:B	4G6P:B	1.0
3B58:B	4G6S:B	1.0
3BBI:B	4G6P:B	1.0
3BBI:B	4G6S:B	1.0
4G6P:B	4G6S:B	1.0
subgraph 244 has 2 nodes		
2PCV:A	2PCW:A	1.0
subgraph 245 has 6 nodes		
4RGF:A	4RGE:B	1.0
4RGF:A	4RGE:C	1.0
4RGF:A	4RGE:A	1.0
4RGF:A	4RGF:C	1.0
4RGF:A	4RGF:B	1.0
4RGF:C	4RGE:B	1.0
4RGF:C	4RGE:C	1.0
4RGF:C	4RGE:A	1.0
4RGF:C	4RGF:B	1.0
4RGF:B	4RGE:B	1.0
4RGF:B	4RGE:C	1.0
4RGF:B	4RGE:A	1.0
4RGE:B	4RGE:C	1.0
4RGE:B	4RGE:A	1.0
4RGE:C	4RGE:A	1.0

subgraph 246 has 4 nodes		
3TD1:A	3TD1:B	1.0
3TD1:A	3TD0:A	1.0
3TD1:A	3TD0:B	1.0
3TD1:B	3TD0:A	1.0
3TD1:B	3TD0:B	1.0
3TD0:A	3TD0:B	1.0
subgraph 247 has 4 nodes		
4ZC7:D	4ZC7:A	1.0
4ZC7:D	4ZC7:B	1.0
4ZC7:D	4ZC7:C	1.0
4ZC7:A	4ZC7:B	1.0
4ZC7:A	4ZC7:C	1.0
4ZC7:B	4ZC7:C	1.0
subgraph 248 has 2 nodes		
1EKA:B	1EKA:A	1.0
subgraph 249 has 2 nodes		
2U2A:A	1U2A:A	1.0
subgraph 250 has 4 nodes		
3BNO:B	3BNO:C	1.0
3BNO:B	3BNO:A	1.0
3BNO:B	3BNO:D	1.0
3BNO:C	3BNO:A	1.0
3BNO:C	3BNO:D	1.0
3BNO:A	3BNO:D	1.0
subgraph 251 has 2 nodes		
1OSU:A	3HGA:X	1.0
subgraph 252 has 2 nodes		
2L5Z:A	2MIS:A	1.0
subgraph 253 has 2 nodes		
5CNR:E	5CNR:A	1.0
subgraph 254 has 2 nodes		
5CNR:F	5CNR:B	1.0
subgraph 255 has 4 nodes		
1J9H:D	1J9H:B	1.0
1J9H:D	1J9H:C	1.0
1J9H:D	1J9H:A	1.0
1J9H:B	1J9H:C	1.0
1J9H:B	1J9H:A	1.0
1J9H:C	1J9H:A	1.0
subgraph 256 has 2 nodes		

2YIF:X	2YIE:X	1.0
subgraph 257 has 2 nodes		
4QKA:A	4QK8:A	1.0
subgraph 258 has 4 nodes		
4MGN:B	4MGM:A	1.0
4MGN:B	4MGN:D	1.0
4MGN:B	4MGM:B	1.0
4MGM:A	4MGN:D	1.0
4MGM:A	4MGM:B	1.0
4MGN:D	4MGM:B	1.0
subgraph 259 has 2 nodes		
4MGN:C	4MGN:A	1.0
subgraph 260 has 2 nodes		
1SCL:A	430D:A	1.0
subgraph 261 has 4 nodes		
2A05:D	2A05:C	1.0
2A05:D	2A05:B	1.0
2A05:D	2A05:A	1.0
2A05:C	2A05:B	1.0
2A05:C	2A05:A	1.0
2A05:B	2A05:A	1.0
subgraph 262 has 6 nodes		
1QBP:D	1QBP:E	1.0
1QBP:D	1QBP:F	1.0
1QBP:D	1QBP:A	1.0
1QBP:D	1QBP:B	1.0
1QBP:D	1QBP:C	1.0
1QBP:E	1QBP:F	1.0
1QBP:E	1QBP:A	1.0
1QBP:E	1QBP:B	1.0
1QBP:E	1QBP:C	1.0
1QBP:F	1QBP:A	1.0
1QBP:F	1QBP:B	1.0
1QBP:F	1QBP:C	1.0
1QBP:A	1QBP:B	1.0
1QBP:A	1QBP:C	1.0
1QBP:B	1QBP:C	1.0
subgraph 263 has 2 nodes		
1BAU:B	1BAU:A	1.0
subgraph 264 has 3 nodes		
3CGS:A	3CGQ:A	1.0

3CGS:A	3CGP:A	1.0
3CGQ:A	3CGP:A	1.0
subgraph 265 has 8 nodes		
1ZX7:F	1ZX7:D	1.0
1ZX7:F	1ZX7:B	1.0
1ZX7:F	1ZZ5:D	1.0
1ZX7:F	1ZZ5:B	1.0
1ZX7:F	1ZX7:H	1.0
1ZX7:F	2A04:D	1.0
1ZX7:F	2A04:B	1.0
1ZX7:D	1ZX7:B	1.0
1ZX7:D	1ZZ5:D	1.0
1ZX7:D	1ZZ5:B	1.0
1ZX7:D	1ZX7:H	1.0
1ZX7:D	2A04:D	1.0
1ZX7:D	2A04:B	1.0
1ZX7:B	1ZZ5:D	1.0
1ZX7:B	1ZZ5:B	1.0
1ZX7:B	1ZX7:H	1.0
1ZX7:B	2A04:D	1.0
1ZX7:B	2A04:B	1.0
1ZZ5:D	1ZZ5:B	1.0
1ZZ5:D	1ZX7:H	1.0
1ZZ5:D	2A04:D	1.0
1ZZ5:D	2A04:B	1.0
1ZZ5:B	1ZX7:H	1.0
1ZZ5:B	2A04:D	1.0
1ZZ5:B	2A04:B	1.0
1ZX7:H	2A04:D	1.0
1ZX7:H	2A04:B	1.0
2A04:D	2A04:B	1.0
subgraph 266 has 8 nodes		
1ZX7:G	1ZX7:E	1.0
1ZX7:G	1ZX7:C	1.0
1ZX7:G	1ZX7:A	1.0
1ZX7:G	1ZZ5:C	1.0
1ZX7:G	1ZZ5:A	1.0
1ZX7:G	2A04:C	1.0
1ZX7:G	2A04:A	1.0
1ZX7:E	1ZX7:C	1.0
1ZX7:E	1ZX7:A	1.0

1ZX7:E	1ZZ5:C	1.0
1ZX7:E	1ZZ5:A	1.0
1ZX7:E	2A04:C	1.0
1ZX7:E	2A04:A	1.0
1ZX7:C	1ZX7:A	1.0
1ZX7:C	1ZZ5:C	1.0
1ZX7:C	1ZZ5:A	1.0
1ZX7:C	2A04:C	1.0
1ZX7:C	2A04:A	1.0
1ZX7:A	1ZZ5:C	1.0
1ZX7:A	1ZZ5:A	1.0
1ZX7:A	2A04:C	1.0
1ZX7:A	2A04:A	1.0
1ZZ5:C	1ZZ5:A	1.0
1ZZ5:C	2A04:C	1.0
1ZZ5:C	2A04:A	1.0
1ZZ5:A	2A04:C	1.0
1ZZ5:A	2A04:A	1.0
2A04:C	2A04:A	1.0
subgraph 267 has 3 nodes		
3SUY:X	3SUH:X	1.0
3SUY:X	3SUX:X	1.0
3SUH:X	3SUX:X	1.0
subgraph 268 has 2 nodes		
2OJ7:A	2OJ8:A	1.0
subgraph 269 has 2 nodes		
2KXZ:B	2KXZ:A	1.0
subgraph 270 has 2 nodes		
4XWF:A	4XW7:A	1.0
subgraph 271 has 12 nodes		
2G3S:J	2G3S:I	1.0
2G3S:J	2G3S:H	1.0
2G3S:J	2G3S:G	1.0
2G3S:J	2G3S:F	1.0
2G3S:J	2G3S:E	1.0
2G3S:J	2G3S:D	1.0
2G3S:J	2G3S:C	1.0
2G3S:J	2G3S:B	1.0
2G3S:J	2G3S:A	1.0
2G3S:J	1EKD:B	1.0
2G3S:J	1EKD:A	1.0

2G3S:I	2G3S:H	1.0
2G3S:I	2G3S:G	1.0
2G3S:I	2G3S:F	1.0
2G3S:I	2G3S:E	1.0
2G3S:I	2G3S:D	1.0
2G3S:I	2G3S:C	1.0
2G3S:I	2G3S:B	1.0
2G3S:I	2G3S:A	1.0
2G3S:I	1EKD:B	1.0
2G3S:I	1EKD:A	1.0
2G3S:H	2G3S:G	1.0
2G3S:H	2G3S:F	1.0
2G3S:H	2G3S:E	1.0
2G3S:H	2G3S:D	1.0
2G3S:H	2G3S:C	1.0
2G3S:H	2G3S:B	1.0
2G3S:H	2G3S:A	1.0
2G3S:H	1EKD:B	1.0
2G3S:H	1EKD:A	1.0
2G3S:G	2G3S:F	1.0
2G3S:G	2G3S:E	1.0
2G3S:G	2G3S:D	1.0
2G3S:G	2G3S:C	1.0
2G3S:G	2G3S:B	1.0
2G3S:G	2G3S:A	1.0
2G3S:G	1EKD:B	1.0
2G3S:G	1EKD:A	1.0
2G3S:F	2G3S:E	1.0
2G3S:F	2G3S:D	1.0
2G3S:F	2G3S:C	1.0
2G3S:F	2G3S:B	1.0
2G3S:F	2G3S:A	1.0
2G3S:F	1EKD:B	1.0
2G3S:F	1EKD:A	1.0
2G3S:E	2G3S:D	1.0
2G3S:E	2G3S:C	1.0
2G3S:E	2G3S:B	1.0
2G3S:E	2G3S:A	1.0
2G3S:E	1EKD:B	1.0
2G3S:E	1EKD:A	1.0
2G3S:D	2G3S:C	1.0

2G3S:D	2G3S:B	1.0
2G3S:D	2G3S:A	1.0
2G3S:D	1EKD:B	1.0
2G3S:D	1EKD:A	1.0
2G3S:C	2G3S:B	1.0
2G3S:C	2G3S:A	1.0
2G3S:C	1EKD:B	1.0
2G3S:C	1EKD:A	1.0
2G3S:B	2G3S:A	1.0
2G3S:B	1EKD:B	1.0
2G3S:B	1EKD:A	1.0
2G3S:A	1EKD:B	1.0
2G3S:A	1EKD:A	1.0
1EKD:B	1EKD:A	1.0
subgraph 272 has 2 nodes		
2XSL:C	2XSL:A	1.0
subgraph 273 has 2 nodes		
2XSL:B	2XSL:D	1.0
subgraph 274 has 4 nodes		
2Q10:D	2Q10:C	1.0
2Q10:D	2Q10:B	1.0
2Q10:D	2Q10:A	1.0
2Q10:C	2Q10:B	1.0
2Q10:C	2Q10:A	1.0
2Q10:B	2Q10:A	1.0
subgraph 275 has 2 nodes		
4TS0:Y	4TS2:Y	1.0
subgraph 276 has 2 nodes		
4TS0:X	4TS2:X	1.0
subgraph 277 has 3 nodes		
3FU2:B	3FU2:C	1.0
3FU2:B	3FU2:A	1.0
3FU2:C	3FU2:A	1.0
subgraph 278 has 2 nodes		
2K41:B	2K3Z:B	1.0
subgraph 279 has 2 nodes		
1NTA:B	1NTB:B	1.0
subgraph 280 has 2 nodes		
1NTA:A	1NTB:A	1.0
subgraph 281 has 2 nodes		
2AGN:E	1KH6:A	1.0

subgraph 282 has 2 nodes		
4KYY:A	4KYY:B	1.0
subgraph 283 has 7 nodes		
3NJ6:A	3NJ7:B	1.0
3NJ6:A	3NJ7:C	1.0
3NJ6:A	3NJ7:A	1.0
3NJ6:A	3NJ7:F	1.0
3NJ6:A	3NJ7:D	1.0
3NJ6:A	3NJ7:E	1.0
3NJ7:B	3NJ7:C	1.0
3NJ7:B	3NJ7:A	1.0
3NJ7:B	3NJ7:F	1.0
3NJ7:B	3NJ7:D	1.0
3NJ7:B	3NJ7:E	1.0
3NJ7:C	3NJ7:A	1.0
3NJ7:C	3NJ7:F	1.0
3NJ7:C	3NJ7:D	1.0
3NJ7:C	3NJ7:E	1.0
3NJ7:A	3NJ7:F	1.0
3NJ7:A	3NJ7:D	1.0
3NJ7:A	3NJ7:E	1.0
3NJ7:F	3NJ7:D	1.0
3NJ7:F	3NJ7:E	1.0
3NJ7:D	3NJ7:E	1.0
subgraph 284 has 2 nodes		
2GCS:A	2H0X:A	1.0
subgraph 285 has 2 nodes		
2EUY:A	2P89:A	1.0
subgraph 286 has 4 nodes		
3BNN:D	3BNN:C	1.0
3BNN:D	3BNN:B	1.0
3BNN:D	3BNN:A	1.0
3BNN:C	3BNN:B	1.0
3BNN:C	3BNN:A	1.0
3BNN:B	3BNN:A	1.0
subgraph 287 has 5 nodes		
3GLP:B	3GLP:C	1.0
3GLP:B	3GLP:A	1.0
3GLP:B	3GLP:D	1.0
3GLP:B	3GLP:E	1.0
3GLP:C	3GLP:A	1.0

3GLP:C	3GLP:D	1.0
3GLP:C	3GLP:E	1.0
3GLP:A	3GLP:D	1.0
3GLP:A	3GLP:E	1.0
3GLP:D	3GLP:E	1.0
subgraph 288 has 3 nodes		
1D4R:A	1D4R:C	1.0
1D4R:A	1D4R:B	1.0
1D4R:C	1D4R:B	1.0
subgraph 289 has 3 nodes		
2AGN:C	1P5P:A	1.0
2AGN:C	1P5O:A	1.0
1P5P:A	1P5O:A	1.0
subgraph 290 has 2 nodes		
1YG3:A	1YG4:A	1.0
subgraph 291 has 3 nodes		
3PDR:A	3PDR:X	1.0
3PDR:A	2QBZ:X	1.0
2QBZ:X	3PDR:X	1.0
subgraph 292 has 2 nodes		
2M39:B	2M39:A	1.0
subgraph 293 has 2 nodes		
4PCJ:A	4FNJ:A	1.0
subgraph 294 has 2 nodes		
4Y1I:B	4Y1I:A	1.0
subgraph 295 has 7 nodes		
3JXQ:B	3JXQ:A	1.0
3JXQ:B	3JXQ:K	1.0
3JXQ:B	3JXQ:L	1.0
3JXQ:B	3JXR:K	1.0
3JXQ:B	3JXR:A	1.0
3JXQ:B	3JXR:B	1.0
3JXQ:A	3JXQ:K	1.0
3JXQ:A	3JXQ:L	1.0
3JXQ:A	3JXR:K	1.0
3JXQ:A	3JXR:A	1.0
3JXQ:A	3JXR:B	1.0
3JXQ:K	3JXQ:L	1.0
3JXQ:K	3JXR:K	1.0
3JXQ:K	3JXR:A	1.0
3JXQ:K	3JXR:B	1.0

3JXQ:L	3JXR:K	1.0
3JXQ:L	3JXR:A	1.0
3JXQ:L	3JXR:B	1.0
3JXR:K	3JXR:A	1.0
3JXR:K	3JXR:B	1.0
3JXR:A	3JXR:B	1.0
subgraph 296 has 2 nodes		
28SR:A	28SP:A	1.0
subgraph 297 has 2 nodes		
1S34:A	1S2F:A	1.0
subgraph 298 has 4 nodes		
3B5S:C	3B5F:C	1.0
3B5S:C	3B5A:C	1.0
3B5S:C	3B58:C	1.0
3B5F:C	3B5A:C	1.0
3B5F:C	3B58:C	1.0
3B5A:C	3B58:C	1.0
subgraph 299 has 8 nodes		
2AWE:H	2AWE:G	1.0
2AWE:H	2AWE:F	1.0
2AWE:H	2AWE:E	1.0
2AWE:H	2AWE:D	1.0
2AWE:H	2AWE:C	1.0
2AWE:H	2AWE:B	1.0
2AWE:H	2AWE:A	1.0
2AWE:G	2AWE:F	1.0
2AWE:G	2AWE:E	1.0
2AWE:G	2AWE:D	1.0
2AWE:G	2AWE:C	1.0
2AWE:G	2AWE:B	1.0
2AWE:G	2AWE:A	1.0
2AWE:F	2AWE:E	1.0
2AWE:F	2AWE:D	1.0
2AWE:F	2AWE:C	1.0
2AWE:F	2AWE:B	1.0
2AWE:F	2AWE:A	1.0
2AWE:E	2AWE:D	1.0
2AWE:E	2AWE:C	1.0
2AWE:E	2AWE:B	1.0
2AWE:E	2AWE:A	1.0
2AWE:D	2AWE:C	1.0

2AWE:D	2AWE:B	1.0
2AWE:D	2AWE:A	1.0
2AWE:C	2AWE:B	1.0
2AWE:C	2AWE:A	1.0
2AWE:B	2AWE:A	1.0
subgraph 300 has 2 nodes		
1GUC:A	1GUC:B	1.0
subgraph 301 has 2 nodes		
4YB0:R	4YB0:A	1.0
subgraph 302 has 2 nodes		
2N3Q:A	2N3R:A	1.0
subgraph 303 has 6 nodes		
2G9C:A	2X00:A	1.0
2G9C:A	2XNZ:A	1.0
2G9C:A	2XNW:A	1.0
2G9C:A	3GOT:A	1.0
2G9C:A	3GES:A	1.0
2XNW:A	2X00:A	1.0
2XNW:A	2XNZ:A	1.0
2XNW:A	3GOT:A	1.0
2XNW:A	3GES:A	1.0
2XNZ:A	2X00:A	1.0
2XNZ:A	3GOT:A	1.0
2XNZ:A	3GES:A	1.0
2X00:A	3GOT:A	1.0
2X00:A	3GES:A	1.0
3GOT:A	3GES:A	1.0
subgraph 304 has 2 nodes		
205D:A	205D:B	1.0
subgraph 305 has 2 nodes		
2JXS:B	2JXQ:B	1.0
subgraph 306 has 7 nodes		
3S49:C	3S49:B	1.0
3S49:C	3S49:A	1.0
3S49:C	3S49:G	1.0
3S49:C	3S49:F	1.0
3S49:C	3S49:E	1.0
3S49:C	3S49:D	1.0
3S49:B	3S49:A	1.0
3S49:B	3S49:G	1.0
3S49:B	3S49:F	1.0

3S49:B	3S49:E	1.0
3S49:B	3S49:D	1.0
3S49:A	3S49:G	1.0
3S49:A	3S49:F	1.0
3S49:A	3S49:E	1.0
3S49:A	3S49:D	1.0
3S49:G	3S49:F	1.0
3S49:G	3S49:E	1.0
3S49:G	3S49:D	1.0
3S49:F	3S49:E	1.0
3S49:F	3S49:D	1.0
3S49:E	3S49:D	1.0
subgraph 307 has 8 nodes		
3P4B:C	3P4B:B	1.0
3P4B:C	3P4B:A	1.0
3P4B:C	3P4B:F	1.0
3P4B:C	3P4B:E	1.0
3P4B:C	3P4B:D	1.0
3P4B:C	3P4C:B	1.0
3P4B:C	3P4C:A	1.0
3P4B:B	3P4B:A	1.0
3P4B:B	3P4B:F	1.0
3P4B:B	3P4B:E	1.0
3P4B:B	3P4B:D	1.0
3P4B:B	3P4C:B	1.0
3P4B:B	3P4C:A	1.0
3P4B:A	3P4B:F	1.0
3P4B:A	3P4B:E	1.0
3P4B:A	3P4B:D	1.0
3P4B:A	3P4C:B	1.0
3P4B:A	3P4C:A	1.0
3P4B:F	3P4B:E	1.0
3P4B:F	3P4B:D	1.0
3P4B:F	3P4C:B	1.0
3P4B:F	3P4C:A	1.0
3P4B:E	3P4B:D	1.0
3P4B:E	3P4C:B	1.0
3P4B:E	3P4C:A	1.0
3P4B:D	3P4C:B	1.0
3P4B:D	3P4C:A	1.0
3P4C:B	3P4C:A	1.0

subgraph 308 has 2 nodes		
4U37:B	4U34:B	1.0
subgraph 309 has 4 nodes		
3P59:F	3P59:D	1.0
3P59:F	3P59:B	1.0
3P59:F	3P59:H	1.0
3P59:D	3P59:B	1.0
3P59:D	3P59:H	1.0
3P59:B	3P59:H	1.0
subgraph 310 has 4 nodes		
3P59:G	3P59:E	1.0
3P59:G	3P59:C	1.0
3P59:G	3P59:A	1.0
3P59:E	3P59:C	1.0
3P59:E	3P59:A	1.0
3P59:C	3P59:A	1.0
subgraph 311 has 2 nodes		
3MEI:B	3MEI:A	1.0
subgraph 312 has 2 nodes		
3CGQ:B	3CGP:B	1.0
subgraph 313 has 2 nodes		
1QET:A	1QET:B	1.0
subgraph 314 has 2 nodes		
2IRO:B	2IRO:A	1.0
subgraph 315 has 2 nodes		
2G91:B	2G91:A	1.0
subgraph 316 has 4 nodes		
5C45:X	3F4G:X	1.0
5C45:X	3F4E:X	1.0
5C45:X	3F4H:X	1.0
3F4G:X	3F4E:X	1.0
3F4G:X	3F4H:X	1.0
3F4E:X	3F4H:X	1.0
subgraph 317 has 2 nodes		
2QUW:B	2QUW:D	1.0
subgraph 318 has 2 nodes		
2OE8:B	2OE6:B	1.0
subgraph 319 has 2 nodes		
2OE8:A	2OE6:A	1.0
subgraph 320 has 2 nodes		
1O15:A	1EHT:A	1.0

subgraph 321 has 2 nodes		
5EAO:A	5EAQ:A	1.0
subgraph 322 has 2 nodes		
5EAO:B	5EAQ:B	1.0
subgraph 323 has 2 nodes		
4P97:A	4P97:C	1.0
subgraph 324 has 2 nodes		
4P97:B	4P97:D	1.0
subgraph 325 has 2 nodes		
2F4X:A	2F4X:B	1.0
subgraph 326 has 2 nodes		
3FTM:D	3FTM:B	1.0
subgraph 327 has 2 nodes		
3FTM:C	3FTM:A	1.0
subgraph 328 has 3 nodes		
2BCZ:B	4G6R:B	1.0
2BCZ:B	1ZFT:B	1.0
1ZFT:B	4G6R:B	1.0
subgraph 329 has 2 nodes		
4FRN:B	4FRN:A	1.0
subgraph 330 has 2 nodes		
1HR2:B	1HR2:A	1.0
subgraph 331 has 2 nodes		
2QUW:C	2QUW:A	1.0
subgraph 332 has 5 nodes		
4JIY:A	377D:D	1.0
4JIY:A	377D:C	1.0
4JIY:A	377D:B	1.0
4JIY:A	377D:A	1.0
377D:D	377D:C	1.0
377D:D	377D:B	1.0
377D:D	377D:A	1.0
377D:C	377D:B	1.0
377D:C	377D:A	1.0
377D:B	377D:A	1.0
subgraph 333 has 2 nodes		
1DQF:B	1DQH:B	1.0
subgraph 334 has 2 nodes		
2IRN:B	2IRN:A	1.0
subgraph 335 has 5 nodes		
2PN4:A	2PN3:A	1.0

2PN4:A	2PN4:C	1.0
2PN4:A	2NOK:C	1.0
2PN4:A	2NOK:A	1.0
2PN3:A	2PN4:C	1.0
2PN3:A	2NOK:C	1.0
2PN3:A	2NOK:A	1.0
2PN4:C	2NOK:C	1.0
2PN4:C	2NOK:A	1.0
2NOK:C	2NOK:A	1.0
subgraph 336 has 2 nodes		
2GM0:B	2GM0:A	1.0
subgraph 337 has 2 nodes		
1LUU:A	1LUX:A	1.0
subgraph 338 has 4 nodes		
1X8W:D	1X8W:A	1.0
1X8W:D	1X8W:B	1.0
1X8W:D	1X8W:C	1.0
1X8W:A	1X8W:B	1.0
1X8W:A	1X8W:C	1.0
1X8W:B	1X8W:C	1.0
subgraph 339 has 2 nodes		
2KY2:A	2KY2:B	1.0
subgraph 340 has 2 nodes		
4FRG:B	4FRG:X	1.0
subgraph 341 has 3 nodes		
1Q93:B	1Q93:C	1.0
1Q93:B	1Q93:A	1.0
1Q93:C	1Q93:A	1.0
subgraph 342 has 2 nodes		
1XV0:A	2DD1:A	1.0
subgraph 343 has 2 nodes		
2LX1:B	2LX1:A	1.0
subgraph 344 has 9 nodes		
1ET4:D	1ET4:E	1.0
1ET4:D	1ET4:B	1.0
1ET4:D	1ET4:C	1.0
1ET4:D	1ET4:A	1.0
1ET4:D	1DDY:C	1.0
1ET4:D	1DDY:A	1.0
1ET4:D	1DDY:G	1.0
1ET4:D	1DDY:E	1.0

1ET4:E	1ET4:B	1.0
1ET4:E	1ET4:C	1.0
1ET4:E	1ET4:A	1.0
1ET4:E	1DDY:C	1.0
1ET4:E	1DDY:A	1.0
1ET4:E	1DDY:G	1.0
1ET4:E	1DDY:E	1.0
1ET4:B	1ET4:C	1.0
1ET4:B	1ET4:A	1.0
1ET4:B	1DDY:C	1.0
1ET4:B	1DDY:A	1.0
1ET4:B	1DDY:G	1.0
1ET4:B	1DDY:E	1.0
1ET4:C	1ET4:A	1.0
1ET4:C	1DDY:C	1.0
1ET4:C	1DDY:A	1.0
1ET4:C	1DDY:G	1.0
1ET4:C	1DDY:E	1.0
1ET4:A	1DDY:C	1.0
1ET4:A	1DDY:A	1.0
1ET4:A	1DDY:G	1.0
1ET4:A	1DDY:E	1.0
1DDY:C	1DDY:A	1.0
1DDY:C	1DDY:G	1.0
1DDY:C	1DDY:E	1.0
1DDY:A	1DDY:G	1.0
1DDY:A	1DDY:E	1.0
1DDY:G	1DDY:E	1.0
subgraph 345 has 2 nodes		
3IQR:A	3IQP:A	1.0
subgraph 346 has 5 nodes		
2PN4:D	2PN3:B	1.0
2PN4:D	2PN4:B	1.0
2PN4:D	2NOK:B	1.0
2PN4:D	2NOK:D	1.0
2PN4:B	2NOK:D	1.0
2PN4:B	2NOK:B	1.0
2PN4:B	2PN3:B	1.0
2NOK:B	2PN3:B	1.0
2NOK:B	2NOK:D	1.0
2NOK:D	2PN3:B	1.0

subgraph 347 has 2 nodes		
3JQ4:B	3FWO:B	1.0
subgraph 348 has 2 nodes		
1RNA:B	1RNA:A	1.0
subgraph 349 has 2 nodes		
5BTM:A	5BTM:B	1.0
subgraph 350 has 2 nodes		
3R1E:A	3R1E:B	1.0
subgraph 351 has 2 nodes		
1GRZ:A	1GRZ:B	1.0
subgraph 352 has 2 nodes		
2AGN:B	1KP7:A	1.0
subgraph 353 has 5 nodes		
280D:B	1RNG:A	1.0
280D:B	280D:A	1.0
280D:B	280D:D	1.0
280D:B	280D:C	1.0
1RNG:A	280D:C	1.0
1RNG:A	280D:A	1.0
1RNG:A	280D:D	1.0
280D:A	280D:D	1.0
280D:A	280D:C	1.0
280D:D	280D:C	1.0
subgraph 354 has 2 nodes		
2KYD:B	2KYD:A	1.0
subgraph 355 has 4 nodes		
3SYW:B	3SYW:A	1.0
3SYW:B	3SZX:A	1.0
3SYW:B	3SZX:B	1.0
3SYW:A	3SZX:A	1.0
3SYW:A	3SZX:B	1.0
3SZX:A	3SZX:B	1.0
subgraph 356 has 2 nodes		
422D:A	422D:B	1.0
subgraph 357 has 2 nodes		
1TOD:D	1TOD:B	1.0
subgraph 358 has 2 nodes		
1TOD:C	1TOD:A	1.0
subgraph 359 has 2 nodes		
2BJ2:A	1BJ2:A	1.0
subgraph 360 has 2 nodes		

2BJ2:B	1BJ2:B	1.0
subgraph 361 has 3 nodes		
4PLX:A	4PLX:B	1.0
4PLX:A	4PLX:C	1.0
4PLX:B	4PLX:C	1.0
subgraph 362 has 2 nodes		
2X2Q:A	2X2Q:C	1.0
subgraph 363 has 2 nodes		
3OXB:A	3OXB:B	1.0
subgraph 364 has 2 nodes		
3OXD:B	3OXD:A	1.0
subgraph 365 has 2 nodes		
1NBS:A	1NBS:B	1.0
subgraph 366 has 2 nodes		
1Z2J:A	2L94:A	1.0
subgraph 367 has 7 nodes		
1YFV:B	1YFV:A	1.0
1YFV:B	1SA9:B	1.0
1YFV:B	1SA9:C	1.0
1YFV:B	1SA9:A	1.0
1YFV:B	1SA9:D	1.0
1YFV:B	1SA9:E	1.0
1YFV:A	1SA9:B	1.0
1YFV:A	1SA9:C	1.0
1YFV:A	1SA9:A	1.0
1YFV:A	1SA9:D	1.0
1YFV:A	1SA9:E	1.0
1SA9:B	1SA9:C	1.0
1SA9:B	1SA9:A	1.0
1SA9:B	1SA9:D	1.0
1SA9:B	1SA9:E	1.0
1SA9:C	1SA9:A	1.0
1SA9:C	1SA9:D	1.0
1SA9:C	1SA9:E	1.0
1SA9:A	1SA9:D	1.0
1SA9:A	1SA9:E	1.0
1SA9:D	1SA9:E	1.0
subgraph 368 has 5 nodes		
1SAQ:B	1SAQ:C	1.0
1SAQ:B	1SAQ:A	1.0
1SAQ:B	1SAQ:D	1.0

1SAQ:B	1SAQ:E	1.0
1SAQ:C	1SAQ:A	1.0
1SAQ:C	1SAQ:D	1.0
1SAQ:C	1SAQ:E	1.0
1SAQ:A	1SAQ:D	1.0
1SAQ:A	1SAQ:E	1.0
1SAQ:D	1SAQ:E	1.0
subgraph 369 has 2 nodes		
2RQJ:A	2RQJ:B	1.0
subgraph 370 has 2 nodes		
5BTP:A	5BTP:B	1.0
subgraph 371 has 9 nodes		
4MSR:B	4MSR:A	1.0
4MSR:B	4MSB:B	1.0
4MSR:B	4MSB:C	1.0
4MSR:B	4MSB:A	1.0
4MSR:B	4MSB:F	1.0
4MSR:B	4MSB:D	1.0
4MSR:B	4MSB:E	1.0
4MSR:B	4MS9:A	1.0
4MSR:A	4MSB:B	1.0
4MSR:A	4MSB:C	1.0
4MSR:A	4MSB:A	1.0
4MSR:A	4MSB:F	1.0
4MSR:A	4MSB:D	1.0
4MSR:A	4MSB:E	1.0
4MSR:A	4MS9:A	1.0
4MSB:B	4MSB:C	1.0
4MSB:B	4MSB:A	1.0
4MSB:B	4MSB:F	1.0
4MSB:B	4MSB:D	1.0
4MSB:B	4MSB:E	1.0
4MSB:B	4MS9:A	1.0
4MSB:C	4MSB:A	1.0
4MSB:C	4MSB:F	1.0
4MSB:C	4MSB:D	1.0
4MSB:C	4MSB:E	1.0
4MSB:C	4MS9:A	1.0
4MSB:A	4MSB:F	1.0
4MSB:A	4MSB:D	1.0
4MSB:A	4MSB:E	1.0

4MSB:A	4MS9:A	1.0
4MSB:F	4MS9:A	1.0
4MSB:F	4MSB:D	1.0
4MSB:F	4MSB:E	1.0
4MSB:D	4MSB:E	1.0
4MSB:D	4MS9:A	1.0
4MSB:E	4MS9:A	1.0
subgraph 372 has 2 nodes		
1YNE:A	1YNG:A	1.0
subgraph 373 has 2 nodes		
2O83:B	2O83:A	1.0
subgraph 374 has 2 nodes		
2MS5:S	2MS5:A	1.0
subgraph 375 has 5 nodes		
4PCO:B	4PCO:C	1.0
4PCO:B	4PCO:A	1.0
4PCO:B	4PCO:D	1.0
4PCO:B	4PCO:E	1.0
4PCO:C	4PCO:A	1.0
4PCO:C	4PCO:D	1.0
4PCO:C	4PCO:E	1.0
4PCO:A	4PCO:D	1.0
4PCO:A	4PCO:E	1.0
4PCO:D	4PCO:E	1.0
subgraph 376 has 2 nodes		
4Y1J:A	4Y1J:B	1.0
subgraph 377 has 2 nodes		
2IL9:A	2IL9:M	1.0
subgraph 378 has 2 nodes		
2MVY:1	2MVY:2	1.0
subgraph 379 has 2 nodes		
3IVN:A	3IVN:B	1.0
subgraph 380 has 2 nodes		
3BBK:C	3BBM:C	1.0
subgraph 381 has 4 nodes		
1K9W:D	1K9W:A	1.0
1K9W:D	1K9W:B	1.0
1K9W:D	1K9W:C	1.0
1K9W:A	1K9W:B	1.0
1K9W:A	1K9W:C	1.0
1K9W:B	1K9W:C	1.0

subgraph 382 has 2 nodes		
4YAZ:A	4YAZ:R	1.0

Table 2

subgraph 0 has 11 nodes		
2HO7:B	4MEH:B	0.960317460317
2HO7:B	3B4B:B	0.992
2HO7:B	3B4A:B	0.992
2HO7:B	4MEG:B	0.960317460317
2H0W:B	4MEH:B	0.960317460317
2H0W:B	3B4B:B	0.992
2H0W:B	3B4A:B	0.992
2H0W:B	4MEG:B	0.960317460317
4MEH:B	2H0X:B	0.960317460317
4MEH:B	2HO6:B	0.960317460317
4MEH:B	3B4B:B	0.952380952381
4MEH:B	3B4A:B	0.952380952381
4MEH:B	2GCV:B	0.960317460317
4MEH:B	2GCS:B	0.960317460317
4MEH:B	3B4C:B	0.960317460317
2H0X:B	3B4B:B	0.992
2H0X:B	3B4A:B	0.992
2H0X:B	4MEG:B	0.960317460317
2HO6:B	3B4B:B	0.992
2HO6:B	3B4A:B	0.992
2HO6:B	4MEG:B	0.960317460317
3B4B:B	4MEG:B	0.952380952381
3B4B:B	2GCV:B	0.992
3B4B:B	2GCS:B	0.992
3B4B:B	3B4C:B	0.992
3B4A:B	4MEG:B	0.952380952381
3B4A:B	2GCV:B	0.992
3B4A:B	2GCS:B	0.992
3B4A:B	3B4C:B	0.992
4MEG:B	2GCV:B	0.960317460317
4MEG:B	2GCS:B	0.960317460317
4MEG:B	3B4C:B	0.960317460317
subgraph 1 has 16 nodes		
1XSG:A	2CD5:A	0.962962962963
1XSG:A	1XSH:A	0.962962962963

1XSG:A	1F78:A	0.962962962963
1XSG:A	2CD6:A	0.925925925926
1XSG:A	1F7F:A	0.962962962963
1XSG:A	1F6Z:A	0.925925925926
1XSG:A	1F7G:A	0.925925925926
1XSG:A	1F79:A	0.925925925926
1XSG:A	2CD3:A	0.925925925926
1XSG:A	1F6X:A	0.962962962963
1XSG:A	2CD1:A	0.962962962963
1XSG:A	1F7H:A	0.962962962963
1XSG:A	1F7I:A	0.925925925926
1XSG:A	1XSU:A	0.962962962963
2CD5:A	1XSH:A	0.962962962963
2CD5:A	1F79:A	0.962962962963
2CD5:A	2CD6:A	0.962962962963
2CD5:A	2CD3:A	0.962962962963
2CD5:A	1F6Z:A	0.962962962963
2CD5:A	1F7G:A	0.962962962963
2CD5:A	1XST:A	0.962962962963
2CD5:A	1F7I:A	0.962962962963
2CD5:A	1XSU:A	0.962962962963
1XSH:A	1F7F:A	0.962962962963
1XSH:A	1F78:A	0.962962962963
1XSH:A	2CD6:A	0.962962962963
1XSH:A	1F6Z:A	0.962962962963
1XSH:A	1F7G:A	0.962962962963
1XSH:A	1F79:A	0.962962962963
1XSH:A	2CD3:A	0.962962962963
1XSH:A	2CD1:A	0.962962962963
1XSH:A	1F7H:A	0.962962962963
1XSH:A	1XST:A	0.962962962963
1XSH:A	1F7I:A	0.962962962963
1XSH:A	1F6X:A	0.962962962963
1F78:A	1F6Z:A	0.962962962963
1F78:A	2CD6:A	0.962962962963
1F78:A	2CD3:A	0.962962962963
1F78:A	1F79:A	0.962962962963
1F78:A	1F7G:A	0.962962962963
1F78:A	1XST:A	0.962962962963
1F78:A	1F7I:A	0.962962962963
1F78:A	1XSU:A	0.962962962963

2CD6:A	1F7F:A	0.962962962963
2CD6:A	1XST:A	0.925925925926
2CD6:A	1F6X:A	0.962962962963
2CD6:A	2CD1:A	0.962962962963
2CD6:A	1F7H:A	0.962962962963
2CD6:A	1XSU:A	0.962962962963
1F7F:A	1F79:A	0.962962962963
1F7F:A	2CD3:A	0.962962962963
1F7F:A	1F6Z:A	0.962962962963
1F7F:A	1F7G:A	0.962962962963
1F7F:A	1XST:A	0.962962962963
1F7F:A	1F7I:A	0.962962962963
1F7F:A	1XSU:A	0.962962962963
1F6Z:A	1XST:A	0.925925925926
1F6Z:A	1F6X:A	0.962962962963
1F6Z:A	2CD1:A	0.962962962963
1F6Z:A	1F7H:A	0.962962962963
1F6Z:A	1XSU:A	0.962962962963
1F7G:A	1XST:A	0.925925925926
1F7G:A	1F6X:A	0.962962962963
1F7G:A	2CD1:A	0.962962962963
1F7G:A	1F7H:A	0.962962962963
1F7G:A	1XSU:A	0.962962962963
1F79:A	1XST:A	0.925925925926
1F79:A	1F6X:A	0.962962962963
1F79:A	2CD1:A	0.962962962963
1F79:A	1F7H:A	0.962962962963
1F79:A	1XSU:A	0.962962962963
2CD3:A	1XST:A	0.925925925926
2CD3:A	1F6X:A	0.962962962963
2CD3:A	2CD1:A	0.962962962963
2CD3:A	1F7H:A	0.962962962963
2CD3:A	1XSU:A	0.962962962963
1F6X:A	1XST:A	0.962962962963
1F6X:A	1F7I:A	0.962962962963
1F6X:A	1XSU:A	0.962962962963
2CD1:A	1XST:A	0.962962962963
2CD1:A	1F7I:A	0.962962962963
2CD1:A	1XSU:A	0.962962962963
1F7H:A	1XST:A	0.962962962963
1F7H:A	1F7I:A	0.962962962963

1F7H:A	1XSU:A	0.962962962963
1XST:A	1F7I:A	0.925925925926
1XST:A	1XSU:A	0.962962962963
1F7I:A	1XSU:A	0.962962962963
subgraph 2 has 11 nodes		
2H07:A	2H0W:A	0.962962962963
2H07:A	3B4B:A	0.962962962963
2H07:A	3B4A:A	0.964285714286
2H07:A	2H0X:A	0.962962962963
2H07:A	3B4C:A	0.962962962963
2H07:A	2GCS:A	0.962962962963
2H07:A	2GCV:A	0.962962962963
2H0W:A	2H06:A	0.962962962963
2H0W:A	4MEH:A	0.962962962963
2H0W:A	3B4A:A	0.928571428571
2H0W:A	4MEG:A	0.962962962963
2H0W:A	2GCS:A	0.962962962963
2H0W:A	2H0X:A	0.962962962963
4MEH:A	3B4B:A	0.962962962963
4MEH:A	3B4A:A	0.964285714286
4MEH:A	2H0X:A	0.962962962963
4MEH:A	3B4C:A	0.962962962963
4MEH:A	2GCS:A	0.962962962963
4MEH:A	2GCV:A	0.962962962963
3B4B:A	2H06:A	0.962962962963
3B4B:A	3B4A:A	0.928571428571
3B4B:A	4MEG:A	0.962962962963
3B4B:A	2GCS:A	0.962962962963
3B4B:A	2H0X:A	0.962962962963
3B4A:A	4MEG:A	0.964285714286
3B4A:A	2H06:A	0.964285714286
3B4A:A	2H0X:A	0.928571428571
3B4A:A	3B4C:A	0.928571428571
3B4A:A	2GCS:A	0.928571428571
3B4A:A	2GCV:A	0.928571428571
4MEG:A	2H0X:A	0.962962962963
4MEG:A	3B4C:A	0.962962962963
4MEG:A	2GCS:A	0.962962962963
4MEG:A	2GCV:A	0.962962962963
2H06:A	2H0X:A	0.962962962963
2H06:A	3B4C:A	0.962962962963

2H06:A	2GCS:A	0.962962962963
2H06:A	2GCV:A	0.962962962963
2H0X:A	3B4C:A	0.962962962963
2H0X:A	2GCV:A	0.962962962963
3B4C:A	2GCS:A	0.962962962963
2GCS:A	2GCV:A	0.962962962963
subgraph 3 has 4 nodes		
1YG3:A	2AP0:A	0.964285714286
1YG3:A	2AP5:A	0.964285714286
1YG4:A	2AP0:A	0.964285714286
1YG4:A	2AP5:A	0.964285714286
subgraph 4 has 6 nodes		
2LX1:B	2KY0:B	0.909090909091
2LX1:B	2KXZ:B	0.909090909091
2LX1:B	2KXZ:A	0.909090909091
2LX1:B	2KY0:A	0.909090909091
2LX1:A	2KY0:B	0.909090909091
2LX1:A	2KXZ:B	0.909090909091
2LX1:A	2KXZ:A	0.909090909091
2LX1:A	2KY0:A	0.909090909091
subgraph 5 has 15 nodes		
2B8R:B	1JTJ:A	0.95652173913
2B8R:A	1JTJ:A	0.95652173913
1XPE:B	1JTJ:A	0.95652173913
2OJ0:B	1JTJ:A	0.95652173913
2OJ0:A	1JTJ:A	0.95652173913
1XPE:A	1JTJ:A	0.95652173913
2OIJ:B	1JTJ:A	0.95652173913
2OIJ:A	1JTJ:A	0.95652173913
1JU1:B	1JTJ:A	0.95652173913
1JU1:A	1JTJ:A	0.95652173913
1JTJ:A	3FAR:B	0.95652173913
1JTJ:A	2OIJ:A	0.95652173913
1JTJ:A	2OIJ:B	0.95652173913
1JTJ:A	3FAR:A	0.95652173913
subgraph 6 has 27 nodes		
2H1M:A	1Z79:A	0.9375
2H1M:A	1Z79:C	0.9375
2H1M:A	1Z79:B	0.9375
2H1M:A	1Z7F:B	0.9375
2H1M:A	1Z7F:C	0.9375

2H1M:A	1Z7F:A	0.9375
2H1M:A	1YY0:A	0.9375
2H1M:A	405D:B	0.9375
2H1M:A	1YY0:C	0.9375
2H1M:A	1YY0:B	0.9375
2H1M:A	405D:A	0.9375
2H1M:B	1Z79:A	0.9375
2H1M:B	1Z79:C	0.9375
2H1M:B	1Z79:B	0.9375
2H1M:B	1Z7F:B	0.9375
2H1M:B	1Z7F:C	0.9375
2H1M:B	1Z7F:A	0.9375
2H1M:B	1YY0:A	0.9375
2H1M:B	405D:B	0.9375
2H1M:B	1YY0:C	0.9375
2H1M:B	1YY0:B	0.9375
2H1M:B	405D:A	0.9375
1Z79:A	1YZD:A	0.9375
1Z79:A	1YZD:B	0.9375
1Z79:A	4NFP:C	0.9375
1Z79:A	420D:B	0.9375
1Z79:A	4NFP:A	0.9375
1Z79:A	4NFP:B	0.9375
1Z79:A	420D:A	0.9375
1Z79:A	4NFQ:A	0.9375
1Z79:A	4NFQ:C	0.9375
1Z79:A	4NFQ:B	0.9375
1Z79:A	4NFO:C	0.9375
1Z79:A	4NFO:B	0.9375
1Z79:A	4NFO:A	0.9375
1Z79:A	1YZD:C	0.9375
1YZD:A	1Z79:C	0.9375
1YZD:A	1Z79:B	0.9375
1YZD:A	1Z7F:B	0.9375
1YZD:A	1Z7F:C	0.9375
1YZD:A	1Z7F:A	0.9375
1YZD:A	1YY0:A	0.9375
1YZD:A	405D:B	0.9375
1YZD:A	1YY0:C	0.9375
1YZD:A	1YY0:B	0.9375
1YZD:A	405D:A	0.9375

1Z79:C	1YZD:B	0.9375
1Z79:C	4NFP:C	0.9375
1Z79:C	420D:B	0.9375
1Z79:C	4NFP:A	0.9375
1Z79:C	4NFP:B	0.9375
1Z79:C	420D:A	0.9375
1Z79:C	4NFQ:A	0.9375
1Z79:C	4NFQ:C	0.9375
1Z79:C	4NFQ:B	0.9375
1Z79:C	4NFO:C	0.9375
1Z79:C	4NFO:B	0.9375
1Z79:C	4NFO:A	0.9375
1Z79:C	1YZD:C	0.9375
1Z79:B	1YZD:B	0.9375
1Z79:B	4NFP:C	0.9375
1Z79:B	420D:B	0.9375
1Z79:B	4NFP:A	0.9375
1Z79:B	4NFP:B	0.9375
1Z79:B	420D:A	0.9375
1Z79:B	4NFQ:A	0.9375
1Z79:B	4NFQ:C	0.9375
1Z79:B	4NFQ:B	0.9375
1Z79:B	4NFO:C	0.9375
1Z79:B	4NFO:B	0.9375
1Z79:B	4NFO:A	0.9375
1Z79:B	1YZD:C	0.9375
4NFP:A	1Z7F:B	0.9375
4NFP:A	1Z7F:C	0.9375
4NFP:A	1Z7F:A	0.9375
4NFP:A	1YY0:A	0.9375
4NFP:A	405D:B	0.9375
4NFP:A	1YY0:C	0.9375
4NFP:A	1YY0:B	0.9375
4NFP:A	405D:A	0.9375
4NFP:B	1Z7F:B	0.9375
4NFP:B	1Z7F:C	0.9375
4NFP:B	1Z7F:A	0.9375
4NFP:B	1YY0:A	0.9375
4NFP:B	405D:B	0.9375
4NFP:B	1YY0:C	0.9375
4NFP:B	1YY0:B	0.9375

4NFP:B	405D:A	0.9375
4NFP:C	1Z7F:B	0.9375
4NFP:C	1Z7F:C	0.9375
4NFP:C	1Z7F:A	0.9375
4NFP:C	1YY0:A	0.9375
4NFP:C	405D:B	0.9375
4NFP:C	1YY0:C	0.9375
4NFP:C	1YY0:B	0.9375
4NFP:C	405D:A	0.9375
4NFQ:A	1Z7F:B	0.9375
4NFQ:A	1Z7F:C	0.9375
4NFQ:A	1Z7F:A	0.9375
4NFQ:A	1YY0:A	0.9375
4NFQ:A	405D:B	0.9375
4NFQ:A	1YY0:C	0.9375
4NFQ:A	1YY0:B	0.9375
4NFQ:A	405D:A	0.9375
4NFQ:C	1Z7F:B	0.9375
4NFQ:C	1Z7F:C	0.9375
4NFQ:C	1Z7F:A	0.9375
4NFQ:C	1YY0:A	0.9375
4NFQ:C	405D:B	0.9375
4NFQ:C	1YY0:C	0.9375
4NFQ:C	1YY0:B	0.9375
4NFQ:C	405D:A	0.9375
4NFQ:B	1Z7F:B	0.9375
4NFQ:B	1Z7F:C	0.9375
4NFQ:B	1Z7F:A	0.9375
4NFQ:B	1YY0:A	0.9375
4NFQ:B	405D:B	0.9375
4NFQ:B	1YY0:C	0.9375
4NFQ:B	1YY0:B	0.9375
4NFQ:B	405D:A	0.9375
4NFO:C	1Z7F:B	0.9375
4NFO:C	1Z7F:C	0.9375
4NFO:C	1Z7F:A	0.9375
4NFO:C	1YY0:A	0.9375
4NFO:C	405D:B	0.9375
4NFO:C	1YY0:C	0.9375
4NFO:C	1YY0:B	0.9375
4NFO:C	405D:A	0.9375

4NFO:B	1Z7F:B	0.9375
4NFO:B	1Z7F:C	0.9375
4NFO:B	1Z7F:A	0.9375
4NFO:B	1YY0:A	0.9375
4NFO:B	405D:B	0.9375
4NFO:B	1YY0:C	0.9375
4NFO:B	1YY0:B	0.9375
4NFO:B	405D:A	0.9375
4NFO:A	1Z7F:B	0.9375
4NFO:A	1Z7F:C	0.9375
4NFO:A	1Z7F:A	0.9375
4NFO:A	1YY0:A	0.9375
4NFO:A	405D:B	0.9375
4NFO:A	1YY0:C	0.9375
4NFO:A	1YY0:B	0.9375
4NFO:A	405D:A	0.9375
1YY0:A	1YZD:B	0.9375
1YY0:A	420D:B	0.9375
1YY0:A	420D:A	0.9375
1YY0:A	1YZD:C	0.9375
405D:B	1YZD:B	0.9375
405D:B	420D:B	0.9375
405D:B	420D:A	0.9375
405D:B	1YZD:C	0.9375
1YY0:C	1YZD:B	0.9375
1YY0:C	420D:B	0.9375
1YY0:C	420D:A	0.9375
1YY0:C	1YZD:C	0.9375
1YY0:B	1YZD:B	0.9375
1YY0:B	420D:B	0.9375
1YY0:B	420D:A	0.9375
1YY0:B	1YZD:C	0.9375
420D:B	1Z7F:B	0.9375
420D:B	1Z7F:C	0.9375
420D:B	1Z7F:A	0.9375
420D:B	405D:A	0.9375
420D:A	1Z7F:B	0.9375
420D:A	1Z7F:C	0.9375
420D:A	1Z7F:A	0.9375
420D:A	405D:A	0.9375
1YZD:B	1Z7F:B	0.9375

1YZD:B	1Z7F:C	0.9375
1YZD:B	1Z7F:A	0.9375
1YZD:B	405D:A	0.9375
1YZD:C	1Z7F:B	0.9375
1YZD:C	1Z7F:C	0.9375
1YZD:C	1Z7F:A	0.9375
1YZD:C	405D:A	0.9375
subgraph 7 has 12 nodes		
2GIS:A	3IQP:A	0.989361702128
2GIS:A	3GX3:A	0.978723404255
2GIS:A	3GX7:A	0.936170212766
2GIS:A	4AOB:A	0.904255319149
2GIS:A	2YDH:A	0.957446808511
2GIS:A	3IQN:A	0.978723404255
2GIS:A	4B5R:A	0.936170212766
2GIS:A	3GX5:A	0.978723404255
2GIS:A	3GX6:A	0.978723404255
2GIS:A	3IQR:A	0.989361702128
2GIS:A	3GX2:A	0.978723404255
3IQP:A	3GX3:A	0.989361702128
3IQP:A	3GX5:A	0.989361702128
3IQP:A	3IQN:A	0.989361702128
3IQP:A	4B5R:A	0.946808510638
3IQP:A	2YDH:A	0.968085106383
3IQP:A	3GX6:A	0.989361702128
3IQP:A	3GX7:A	0.946808510638
3IQP:A	3GX2:A	0.989361702128
3GX3:A	3GX7:A	0.957446808511
3GX3:A	2YDH:A	0.978723404255
3GX3:A	3IQN:A	0.978723404255
3GX3:A	4B5R:A	0.946808510638
3GX3:A	3IQR:A	0.989361702128
3GX7:A	2YDH:A	0.936170212766
3GX7:A	3IQN:A	0.936170212766
3GX7:A	4B5R:A	0.904255319149
3GX7:A	3GX5:A	0.957446808511
3GX7:A	3GX6:A	0.957446808511
3GX7:A	3IQR:A	0.946808510638
3GX7:A	3GX2:A	0.957446808511
2YDH:A	3IQN:A	0.957446808511
2YDH:A	4B5R:A	0.925531914894

2YDH:A	3GX5:A	0.978723404255
2YDH:A	3GX6:A	0.978723404255
2YDH:A	3IQR:A	0.968085106383
2YDH:A	3GX2:A	0.978723404255
3IQN:A	4B5R:A	0.936170212766
3IQN:A	3GX5:A	0.978723404255
3IQN:A	3GX6:A	0.978723404255
3IQN:A	3IQR:A	0.989361702128
3IQN:A	3GX2:A	0.978723404255
4B5R:A	3GX5:A	0.946808510638
4B5R:A	3GX6:A	0.946808510638
4B5R:A	3IQR:A	0.946808510638
4B5R:A	3GX2:A	0.946808510638
3GX5:A	3IQR:A	0.989361702128
3GX6:A	3IQR:A	0.989361702128
3IQR:A	3GX2:A	0.989361702128
subgraph 8 has 3 nodes		
364D:B	1A4D:A	0.904761904762
357D:B	1A4D:A	0.904761904762
subgraph 9 has 4 nodes		
2KE6:A	2KUV:A	0.9375
2KE6:A	2KUR:A	0.958333333333
2KE6:A	2KUU:A	0.916666666667
2KUR:A	2KUU:A	0.916666666667
subgraph 10 has 3 nodes		
1N66:A	2GRW:A	0.954545454545
1N66:A	2GV4:A	0.954545454545
2GRW:A	2GV4:A	0.954545454545
subgraph 11 has 92 nodes		
4GPX:B	3WRU:A	0.95652173913
4GPX:B	3WRU:B	0.95652173913
4GPX:B	3TD1:A	0.913043478261
4GPX:B	3TD1:B	0.913043478261
4GPX:B	3TD0:A	0.913043478261
4GPX:B	3TD0:B	0.913043478261
4GPX:B	4GPY:B	0.95652173913
4GPX:B	4GPY:A	0.95652173913
4GPX:B	4PDQ:A	0.95652173913
4GPX:B	4PDQ:B	0.95652173913
4GPX:A	3WRU:A	0.95652173913
4GPX:A	3WRU:B	0.95652173913

4GPX:A	3TD1:A	0.913043478261
4GPX:A	3TD1:B	0.913043478261
4GPX:A	3TD0:A	0.913043478261
4GPX:A	3TD0:B	0.913043478261
4GPX:A	4GPY:B	0.95652173913
4GPX:A	4GPY:A	0.95652173913
4GPX:A	4PDQ:A	0.95652173913
4GPX:A	4PDQ:B	0.95652173913
3TD1:A	4WCR:B	0.95652173913
3TD1:A	4WCS:A	0.95652173913
3TD1:A	4WCS:B	0.95652173913
3TD1:A	4WCP:B	0.95652173913
3TD1:A	4WCP:C	0.95652173913
3TD1:A	4WCP:A	0.95652173913
3TD1:A	4WCR:A	0.95652173913
3TD1:A	4GPW:B	0.913043478261
3TD1:A	4WCQ:B	0.95652173913
3TD1:A	4WCQ:A	0.95652173913
3TD1:A	4GPW:A	0.913043478261
3TD1:B	4WCR:B	0.95652173913
3TD1:B	4WCS:A	0.95652173913
3TD1:B	4WCS:B	0.95652173913
3TD1:B	4WCP:B	0.95652173913
3TD1:B	4WCP:C	0.95652173913
3TD1:B	4WCP:A	0.95652173913
3TD1:B	4WCR:A	0.95652173913
3TD1:B	4GPW:B	0.913043478261
3TD1:B	4WCQ:B	0.95652173913
3TD1:B	4WCQ:A	0.95652173913
3TD1:B	4GPW:A	0.913043478261
2ESI:B	2PWT:B	0.913043478261
2ESI:B	2PWT:A	0.913043478261
2ESI:B	1J7T:A	0.913043478261
2ESI:B	1J7T:B	0.913043478261
2ESI:B	3S4P:A	0.913043478261
2ESI:B	2F4T:A	0.913043478261
2ESI:B	2F4U:A	0.913043478261
2ESI:B	2F4U:B	0.913043478261
2ESI:B	4GPY:B	0.913043478261
2ESI:B	4GPY:A	0.913043478261
2ESI:B	2BE0:B	0.913043478261

2ESI:B	2ESJ:A	0.913043478261
2ESI:B	2ET4:B	0.913043478261
2ESI:B	2ET4:A	0.913043478261
2ESI:B	2ET3:A	0.913043478261
2ESI:B	2ET3:B	0.913043478261
2ESI:B	4PDQ:A	0.913043478261
2ESI:B	4PDQ:B	0.913043478261
2ESI:B	2ET5:B	0.913043478261
2ESI:B	2ET5:A	0.913043478261
2ESI:B	1MWL:A	0.913043478261
2ESI:B	2BE0:A	0.913043478261
2ESI:B	2ET8:B	0.913043478261
2ESI:B	2ET8:A	0.913043478261
2ESI:B	3S4P:B	0.913043478261
2ESI:B	2BEE:A	0.913043478261
2ESI:B	4F8U:B	0.913043478261
2ESI:B	4F8U:A	0.95652173913
2ESI:B	3BNL:A	0.95652173913
2ESI:B	3BNL:B	0.95652173913
2ESI:B	3WRU:A	0.913043478261
2ESI:B	4F8V:B	0.913043478261
2ESI:B	3WRU:B	0.913043478261
2ESI:B	1O9M:B	0.913043478261
2ESI:B	1O9M:A	0.913043478261
2ESI:B	2F4S:B	0.913043478261
2ESI:B	2F4S:A	0.913043478261
2ESI:B	4F8V:A	0.913043478261
2ESI:B	2ESJ:B	0.913043478261
2ESI:B	2BEE:B	0.913043478261
2ESI:B	1MWL:B	0.913043478261
4F8U:A	4P20:B	0.95652173913
4F8U:A	2PWT:B	0.954545454545
4F8U:A	2PWT:A	0.954545454545
4F8U:A	1J7T:A	0.954545454545
4F8U:A	1J7T:B	0.954545454545
4F8U:A	1LC4:A	0.95652173913
4F8U:A	2F4T:A	0.954545454545
4F8U:A	2F4T:B	0.95652173913
4F8U:A	4P20:A	0.95652173913
4F8U:A	2F4U:A	0.954545454545
4F8U:A	2F4U:B	0.954545454545

4F8U:A	3S4P:B	0.954545454545
4F8U:A	2BE0:B	0.954545454545
4F8U:A	2ET4:B	0.954545454545
4F8U:A	2ET4:A	0.954545454545
4F8U:A	1LC4:B	0.95652173913
4F8U:A	2ET3:A	0.954545454545
4F8U:A	2ET3:B	0.954545454545
4F8U:A	2O3X:A	0.95652173913
4F8U:A	2O3X:B	0.95652173913
4F8U:A	2ESJ:A	0.954545454545
4F8U:A	2ET5:B	0.954545454545
4F8U:A	2ET5:A	0.954545454545
4F8U:A	2ESJ:B	0.954545454545
4F8U:A	2BE0:A	0.954545454545
4F8U:A	2ET8:B	0.954545454545
4F8U:A	2ET8:A	0.954545454545
4F8U:A	2BEE:B	0.954545454545
4F8U:A	3S4P:A	0.954545454545
4F8U:A	4F8U:B	0.954545454545
4F8U:A	2ESI:A	0.95652173913
4F8U:A	4F8V:B	0.954545454545
4F8U:A	1O9M:B	0.954545454545
4F8U:A	1O9M:A	0.954545454545
4F8U:A	1YRJ:A	0.95652173913
4F8U:A	2F4S:B	0.954545454545
4F8U:A	2F4S:A	0.954545454545
4F8U:A	4F8V:A	0.954545454545
4F8U:A	1MWL:A	0.954545454545
4F8U:A	1YRJ:B	0.95652173913
4F8U:A	1MWL:B	0.954545454545
4F8U:A	2BEE:A	0.954545454545
2O3X:A	2PWT:B	0.913043478261
2O3X:A	2PWT:A	0.913043478261
2O3X:A	1J7T:A	0.913043478261
2O3X:A	1J7T:B	0.913043478261
2O3X:A	3S4P:A	0.913043478261
2O3X:A	2F4T:A	0.913043478261
2O3X:A	2F4U:A	0.913043478261
2O3X:A	2F4U:B	0.913043478261
2O3X:A	4GPY:B	0.913043478261
2O3X:A	4GPY:A	0.913043478261

203X:A	2BE0:B	0.913043478261
203X:A	2ESJ:A	0.913043478261
203X:A	2ET4:B	0.913043478261
203X:A	2ET4:A	0.913043478261
203X:A	2ET3:A	0.913043478261
203X:A	2ET3:B	0.913043478261
203X:A	4PDQ:A	0.913043478261
203X:A	4PDQ:B	0.913043478261
203X:A	2ET5:B	0.913043478261
203X:A	2ET5:A	0.913043478261
203X:A	1MWL:A	0.913043478261
203X:A	2BE0:A	0.913043478261
203X:A	2ET8:B	0.913043478261
203X:A	2ET8:A	0.913043478261
203X:A	3S4P:B	0.913043478261
203X:A	2BEE:A	0.913043478261
203X:A	4F8U:B	0.913043478261
203X:A	3BNL:A	0.95652173913
203X:A	3BNL:B	0.95652173913
203X:A	3WRU:A	0.913043478261
203X:A	4F8V:B	0.913043478261
203X:A	3WRU:B	0.913043478261
203X:A	1O9M:B	0.913043478261
203X:A	1O9M:A	0.913043478261
203X:A	2F4S:B	0.913043478261
203X:A	2F4S:A	0.913043478261
203X:A	4F8V:A	0.913043478261
203X:A	2ESJ:B	0.913043478261
203X:A	2BEE:B	0.913043478261
203X:A	1MWL:B	0.913043478261
203X:B	2PWT:B	0.913043478261
203X:B	2PWT:A	0.913043478261
203X:B	1J7T:A	0.913043478261
203X:B	1J7T:B	0.913043478261
203X:B	3S4P:A	0.913043478261
203X:B	2F4T:A	0.913043478261
203X:B	2F4U:A	0.913043478261
203X:B	2F4U:B	0.913043478261
203X:B	4GPY:B	0.913043478261
203X:B	4GPY:A	0.913043478261
203X:B	2BE0:B	0.913043478261

203X:B	2ESJ:A	0.913043478261
203X:B	2ET4:B	0.913043478261
203X:B	2ET4:A	0.913043478261
203X:B	2ET3:A	0.913043478261
203X:B	2ET3:B	0.913043478261
203X:B	4PDQ:A	0.913043478261
203X:B	4PDQ:B	0.913043478261
203X:B	2ET5:B	0.913043478261
203X:B	2ET5:A	0.913043478261
203X:B	1MWL:A	0.913043478261
203X:B	2BE0:A	0.913043478261
203X:B	2ET8:B	0.913043478261
203X:B	2ET8:A	0.913043478261
203X:B	3S4P:B	0.913043478261
203X:B	2BEE:A	0.913043478261
203X:B	4F8U:B	0.913043478261
203X:B	3BNL:A	0.95652173913
203X:B	3BNL:B	0.95652173913
203X:B	3WRU:A	0.913043478261
203X:B	4F8V:B	0.913043478261
203X:B	3WRU:B	0.913043478261
203X:B	1O9M:B	0.913043478261
203X:B	1O9M:A	0.913043478261
203X:B	2F4S:B	0.913043478261
203X:B	2F4S:A	0.913043478261
203X:B	4F8V:A	0.913043478261
203X:B	2ESJ:B	0.913043478261
203X:B	2BEE:B	0.913043478261
203X:B	1MWL:B	0.913043478261
4WCP:B	3BNR:C	0.913043478261
4WCP:B	3WRU:A	0.913043478261
4WCP:B	3BNR:A	0.913043478261
4WCP:B	3WRU:B	0.913043478261
4WCP:B	3BNQ:C	0.913043478261
4WCP:B	3TD0:B	0.95652173913
4WCP:B	3TD0:A	0.95652173913
4WCP:B	3BNS:C	0.913043478261
4WCP:B	3BNS:A	0.913043478261
4WCP:B	4GPY:B	0.913043478261
4WCP:B	4GPY:A	0.913043478261
4WCP:B	4PDQ:A	0.913043478261

4WCP:B	3BNQ:A	0.913043478261
4WCP:B	3BNQ:B	0.913043478261
4WCP:B	4PDQ:B	0.913043478261
4WCP:C	3BNR:C	0.913043478261
4WCP:C	3WRU:A	0.913043478261
4WCP:C	3BNR:A	0.913043478261
4WCP:C	3WRU:B	0.913043478261
4WCP:C	3BNQ:C	0.913043478261
4WCP:C	3TD0:B	0.95652173913
4WCP:C	3TD0:A	0.95652173913
4WCP:C	3BNS:C	0.913043478261
4WCP:C	3BNS:A	0.913043478261
4WCP:C	4GPY:B	0.913043478261
4WCP:C	4GPY:A	0.913043478261
4WCP:C	4PDQ:A	0.913043478261
4WCP:C	3BNQ:A	0.913043478261
4WCP:C	3BNQ:B	0.913043478261
4WCP:C	4PDQ:B	0.913043478261
4WCP:A	3BNR:C	0.913043478261
4WCP:A	3WRU:A	0.913043478261
4WCP:A	3BNR:A	0.913043478261
4WCP:A	3WRU:B	0.913043478261
4WCP:A	3BNQ:C	0.913043478261
4WCP:A	3TD0:B	0.95652173913
4WCP:A	3TD0:A	0.95652173913
4WCP:A	3BNS:C	0.913043478261
4WCP:A	3BNS:A	0.913043478261
4WCP:A	4GPY:B	0.913043478261
4WCP:A	4GPY:A	0.913043478261
4WCP:A	4PDQ:A	0.913043478261
4WCP:A	3BNQ:A	0.913043478261
4WCP:A	3BNQ:B	0.913043478261
4WCP:A	4PDQ:B	0.913043478261
1LC4:B	2PWT:B	0.913043478261
1LC4:B	2PWT:A	0.913043478261
1LC4:B	1J7T:A	0.913043478261
1LC4:B	1J7T:B	0.913043478261
1LC4:B	3S4P:A	0.913043478261
1LC4:B	2F4T:A	0.913043478261
1LC4:B	2F4U:A	0.913043478261
1LC4:B	2F4U:B	0.913043478261

1LC4:B	4GPY:B	0.913043478261
1LC4:B	4GPY:A	0.913043478261
1LC4:B	2BE0:B	0.913043478261
1LC4:B	2ESJ:A	0.913043478261
1LC4:B	2ET4:B	0.913043478261
1LC4:B	2ET4:A	0.913043478261
1LC4:B	2ET3:A	0.913043478261
1LC4:B	2ET3:B	0.913043478261
1LC4:B	4PDQ:A	0.913043478261
1LC4:B	4PDQ:B	0.913043478261
1LC4:B	2ET5:B	0.913043478261
1LC4:B	2ET5:A	0.913043478261
1LC4:B	1MWL:A	0.913043478261
1LC4:B	2BE0:A	0.913043478261
1LC4:B	2ET8:B	0.913043478261
1LC4:B	2ET8:A	0.913043478261
1LC4:B	3S4P:B	0.913043478261
1LC4:B	2BEE:A	0.913043478261
1LC4:B	4F8U:B	0.913043478261
1LC4:B	3BNL:A	0.95652173913
1LC4:B	3BNL:B	0.95652173913
1LC4:B	3WRU:A	0.913043478261
1LC4:B	4F8V:B	0.913043478261
1LC4:B	3WRU:B	0.913043478261
1LC4:B	1O9M:B	0.913043478261
1LC4:B	1O9M:A	0.913043478261
1LC4:B	2F4S:B	0.913043478261
1LC4:B	2F4S:A	0.913043478261
1LC4:B	4F8V:A	0.913043478261
1LC4:B	2ESJ:B	0.913043478261
1LC4:B	2BEE:B	0.913043478261
1LC4:B	1MWL:B	0.913043478261
1LC4:A	2PWT:B	0.913043478261
1LC4:A	2PWT:A	0.913043478261
1LC4:A	1J7T:A	0.913043478261
1LC4:A	1J7T:B	0.913043478261
1LC4:A	3S4P:A	0.913043478261
1LC4:A	2F4T:A	0.913043478261
1LC4:A	2F4U:A	0.913043478261
1LC4:A	2F4U:B	0.913043478261
1LC4:A	4GPY:B	0.913043478261

1LC4:A	4GPY:A	0.913043478261
1LC4:A	2BE0:B	0.913043478261
1LC4:A	2ESJ:A	0.913043478261
1LC4:A	2ET4:B	0.913043478261
1LC4:A	2ET4:A	0.913043478261
1LC4:A	2ET3:A	0.913043478261
1LC4:A	2ET3:B	0.913043478261
1LC4:A	4PDQ:A	0.913043478261
1LC4:A	4PDQ:B	0.913043478261
1LC4:A	2ET5:B	0.913043478261
1LC4:A	2ET5:A	0.913043478261
1LC4:A	1MWL:A	0.913043478261
1LC4:A	2BE0:A	0.913043478261
1LC4:A	2ET8:B	0.913043478261
1LC4:A	2ET8:A	0.913043478261
1LC4:A	3S4P:B	0.913043478261
1LC4:A	2BEE:A	0.913043478261
1LC4:A	4F8U:B	0.913043478261
1LC4:A	3BNL:A	0.95652173913
1LC4:A	3BNL:B	0.95652173913
1LC4:A	3WRU:A	0.913043478261
1LC4:A	4F8V:B	0.913043478261
1LC4:A	3WRU:B	0.913043478261
1LC4:A	1O9M:B	0.913043478261
1LC4:A	1O9M:A	0.913043478261
1LC4:A	2F4S:B	0.913043478261
1LC4:A	2F4S:A	0.913043478261
1LC4:A	4F8V:A	0.913043478261
1LC4:A	2ESJ:B	0.913043478261
1LC4:A	2BEE:B	0.913043478261
1LC4:A	1MWL:B	0.913043478261
4WCR:A	3BNR:C	0.913043478261
4WCR:A	3WRU:A	0.913043478261
4WCR:A	3BNR:A	0.913043478261
4WCR:A	3WRU:B	0.913043478261
4WCR:A	3BNQ:C	0.913043478261
4WCR:A	3TD0:B	0.95652173913
4WCR:A	3TD0:A	0.95652173913
4WCR:A	3BNS:C	0.913043478261
4WCR:A	3BNS:A	0.913043478261
4WCR:A	4GPY:B	0.913043478261

4WCR:A	4GPY:A	0.913043478261
4WCR:A	4PDQ:A	0.913043478261
4WCR:A	3BNQ:A	0.913043478261
4WCR:A	3BNQ:B	0.913043478261
4WCR:A	4PDQ:B	0.913043478261
4WCR:B	3BNR:C	0.913043478261
4WCR:B	3WRU:A	0.913043478261
4WCR:B	3BNR:A	0.913043478261
4WCR:B	3WRU:B	0.913043478261
4WCR:B	3BNQ:C	0.913043478261
4WCR:B	3TD0:B	0.95652173913
4WCR:B	3TD0:A	0.95652173913
4WCR:B	3BNS:C	0.913043478261
4WCR:B	3BNS:A	0.913043478261
4WCR:B	4GPY:B	0.913043478261
4WCR:B	4GPY:A	0.913043478261
4WCR:B	4PDQ:A	0.913043478261
4WCR:B	3BNQ:A	0.913043478261
4WCR:B	3BNQ:B	0.913043478261
4WCR:B	4PDQ:B	0.913043478261
2BE0:B	2PWT:B	0.954545454545
2BE0:B	2PWT:A	0.954545454545
2BE0:B	1YRJ:A	0.913043478261
2BE0:B	3BNP:A	0.909090909091
2BE0:B	2F4T:A	0.954545454545
2BE0:B	2F4T:B	0.913043478261
2BE0:B	2F4U:A	0.954545454545
2BE0:B	2F4U:B	0.954545454545
2BE0:B	3S4P:B	0.954545454545
2BE0:B	2ESI:A	0.913043478261
2BE0:B	4P20:B	0.913043478261
2BE0:B	4P20:A	0.913043478261
2BE0:B	1YRJ:B	0.913043478261
2BE0:B	4F8U:B	0.954545454545
2BE0:B	3BNL:A	0.954545454545
2BE0:B	3BNL:B	0.954545454545
2BE0:B	2F4S:B	0.954545454545
2BE0:B	2F4S:A	0.954545454545
2BE0:B	4F8V:A	0.954545454545
2BE0:B	4F8V:B	0.954545454545
2BE0:B	3S4P:A	0.954545454545

2F4T:A	4P20:B	0.913043478261
2F4T:A	1J7T:A	0.954545454545
2F4T:A	1J7T:B	0.954545454545
2F4T:A	1YRJ:A	0.913043478261
2F4T:A	2F4T:B	0.913043478261
2F4T:A	3BNP:B	0.904761904762
2F4T:A	2ET4:B	0.954545454545
2F4T:A	2ET4:A	0.954545454545
2F4T:A	2ET3:A	0.954545454545
2F4T:A	2ET3:B	0.954545454545
2F4T:A	2ESJ:A	0.954545454545
2F4T:A	2ET5:B	0.954545454545
2F4T:A	2ESJ:B	0.954545454545
2F4T:A	4P20:A	0.913043478261
2F4T:A	2BE0:A	0.954545454545
2F4T:A	2ET8:B	0.954545454545
2F4T:A	2ET8:A	0.954545454545
2F4T:A	2BEE:B	0.954545454545
2F4T:A	2ET5:A	0.954545454545
2F4T:A	2ESI:A	0.913043478261
2F4T:A	3BNL:A	0.954545454545
2F4T:A	3BNL:B	0.954545454545
2F4T:A	1O9M:B	0.954545454545
2F4T:A	1O9M:A	0.954545454545
2F4T:A	1MWL:B	0.954545454545
2F4T:A	1MWL:A	0.954545454545
2F4T:A	1YRJ:B	0.913043478261
2F4T:A	2BEE:A	0.954545454545
2F4T:B	2PWT:B	0.913043478261
2F4T:B	2PWT:A	0.913043478261
2F4T:B	1J7T:A	0.913043478261
2F4T:B	1J7T:B	0.913043478261
2F4T:B	3S4P:A	0.913043478261
2F4T:B	2F4U:A	0.913043478261
2F4T:B	2F4U:B	0.913043478261
2F4T:B	4GPY:B	0.913043478261
2F4T:B	4GPY:A	0.913043478261
2F4T:B	2ESJ:A	0.913043478261
2F4T:B	2ET4:B	0.913043478261
2F4T:B	2ET4:A	0.913043478261
2F4T:B	2ET3:A	0.913043478261

2F4T:B	2ET3:B	0.913043478261
2F4T:B	4PDQ:A	0.913043478261
2F4T:B	4PDQ:B	0.913043478261
2F4T:B	2ET5:B	0.913043478261
2F4T:B	2ET5:A	0.913043478261
2F4T:B	1MWL:A	0.913043478261
2F4T:B	2BE0:A	0.913043478261
2F4T:B	2ET8:B	0.913043478261
2F4T:B	2ET8:A	0.913043478261
2F4T:B	3S4P:B	0.913043478261
2F4T:B	2BEE:A	0.913043478261
2F4T:B	4F8U:B	0.913043478261
2F4T:B	3BNL:A	0.95652173913
2F4T:B	3BNL:B	0.95652173913
2F4T:B	3WRU:A	0.913043478261
2F4T:B	4F8V:B	0.913043478261
2F4T:B	3WRU:B	0.913043478261
2F4T:B	1O9M:B	0.913043478261
2F4T:B	1O9M:A	0.913043478261
2F4T:B	2F4S:B	0.913043478261
2F4T:B	2F4S:A	0.913043478261
2F4T:B	4F8V:A	0.913043478261
2F4T:B	2ESJ:B	0.913043478261
2F4T:B	2BEE:B	0.913043478261
2F4T:B	1MWL:B	0.913043478261
3TD0:A	4WCS:A	0.95652173913
3TD0:A	4WCS:B	0.95652173913
3TD0:A	4GPW:B	0.913043478261
3TD0:A	4WCQ:B	0.95652173913
3TD0:A	4WCQ:A	0.95652173913
3TD0:A	4GPW:A	0.913043478261
3TD0:B	4WCS:A	0.95652173913
3TD0:B	4WCS:B	0.95652173913
3TD0:B	4GPW:B	0.913043478261
3TD0:B	4WCQ:B	0.95652173913
3TD0:B	4WCQ:A	0.95652173913
3TD0:B	4GPW:A	0.913043478261
3BNQ:D	3BNO:B	0.952380952381
3BNQ:D	3BNO:C	0.952380952381
3BNQ:D	3BNR:A	0.913043478261
3BNQ:D	3BNO:A	0.952380952381

3BNQ:D	3BNT:A	0.954545454545
3BNQ:D	3BNO:D	0.952380952381
3BNQ:D	3BNR:B	0.954545454545
3BNQ:D	3BNQ:B	0.913043478261
3BNQ:D	3BNN:D	0.904761904762
3BNQ:D	3BNN:C	0.904761904762
3BNQ:D	3BNN:B	0.904761904762
3BNQ:D	3BNN:A	0.904761904762
3BNQ:D	3BNP:B	0.904761904762
3BNQ:D	3BNS:B	0.954545454545
3BNQ:D	3BNS:C	0.913043478261
3BNQ:D	3BNS:A	0.913043478261
3BNQ:D	3BNQ:A	0.913043478261
3BNQ:D	3BNR:C	0.913043478261
3BNQ:D	3BNQ:C	0.913043478261
3BNQ:A	3WRU:A	0.913043478261
3BNQ:A	3BNR:B	0.95652173913
3BNQ:A	3WRU:B	0.913043478261
3BNQ:A	3BNT:A	0.913043478261
3BNQ:A	3BNR:D	0.913043478261
3BNQ:A	4WCS:A	0.913043478261
3BNQ:A	4WCS:B	0.913043478261
3BNQ:A	3BNS:D	0.913043478261
3BNQ:A	3BNS:B	0.95652173913
3BNQ:A	4GPY:B	0.913043478261
3BNQ:A	4WCQ:B	0.913043478261
3BNQ:A	4WCQ:A	0.913043478261
3BNQ:A	4GPY:A	0.913043478261
3BNQ:A	4PDQ:A	0.913043478261
3BNQ:A	4PDQ:B	0.913043478261
3BNQ:B	3WRU:A	0.913043478261
3BNQ:B	3BNR:B	0.95652173913
3BNQ:B	3WRU:B	0.913043478261
3BNQ:B	3BNT:A	0.913043478261
3BNQ:B	3BNR:D	0.913043478261
3BNQ:B	4WCS:A	0.913043478261
3BNQ:B	4WCS:B	0.913043478261
3BNQ:B	3BNS:D	0.913043478261
3BNQ:B	3BNS:B	0.95652173913
3BNQ:B	4GPY:B	0.913043478261
3BNQ:B	4WCQ:B	0.913043478261

3BNQ:B	4WCQ:A	0.913043478261
3BNQ:B	4GPY:A	0.913043478261
3BNQ:B	4PDQ:A	0.913043478261
3BNQ:B	4PDQ:B	0.913043478261
3BNQ:C	3WRU:A	0.913043478261
3BNQ:C	3BNR:B	0.95652173913
3BNQ:C	3WRU:B	0.913043478261
3BNQ:C	3BNT:A	0.913043478261
3BNQ:C	3BNR:D	0.913043478261
3BNQ:C	4WCS:A	0.913043478261
3BNQ:C	4WCS:B	0.913043478261
3BNQ:C	3BNS:D	0.913043478261
3BNQ:C	3BNS:B	0.95652173913
3BNQ:C	4GPY:B	0.913043478261
3BNQ:C	4WCQ:B	0.913043478261
3BNQ:C	4WCQ:A	0.913043478261
3BNQ:C	4GPY:A	0.913043478261
3BNQ:C	4PDQ:A	0.913043478261
3BNQ:C	4PDQ:B	0.913043478261
4PDQ:A	3BNR:C	0.913043478261
4PDQ:A	3BNR:A	0.913043478261
4PDQ:A	4WCQ:A	0.913043478261
4PDQ:A	1YRJ:A	0.913043478261
4PDQ:A	4WCQ:B	0.913043478261
4PDQ:A	4P20:B	0.913043478261
4PDQ:A	4P20:A	0.913043478261
4PDQ:A	1YRJ:B	0.913043478261
4PDQ:A	4GPW:A	0.95652173913
4PDQ:A	4GPW:B	0.95652173913
4PDQ:A	2ESI:A	0.913043478261
4PDQ:A	4WCS:A	0.913043478261
4PDQ:A	4WCS:B	0.913043478261
4PDQ:A	3BNS:C	0.913043478261
4PDQ:A	3BNS:A	0.913043478261
4PDQ:B	3BNR:C	0.913043478261
4PDQ:B	3BNR:A	0.913043478261
4PDQ:B	4WCQ:A	0.913043478261
4PDQ:B	1YRJ:A	0.913043478261
4PDQ:B	4WCQ:B	0.913043478261
4PDQ:B	4P20:B	0.913043478261
4PDQ:B	4P20:A	0.913043478261

4PDQ:B	1YRJ:B	0.913043478261
4PDQ:B	4GPW:A	0.95652173913
4PDQ:B	4GPW:B	0.95652173913
4PDQ:B	2ESI:A	0.913043478261
4PDQ:B	4WCS:A	0.913043478261
4PDQ:B	4WCS:B	0.913043478261
4PDQ:B	3BNS:C	0.913043478261
4PDQ:B	3BNS:A	0.913043478261
1YRJ:B	2PWT:B	0.913043478261
1YRJ:B	2PWT:A	0.913043478261
1YRJ:B	1J7T:A	0.913043478261
1YRJ:B	1J7T:B	0.913043478261
1YRJ:B	3S4P:A	0.913043478261
1YRJ:B	2F4U:A	0.913043478261
1YRJ:B	2F4U:B	0.913043478261
1YRJ:B	4GPY:B	0.913043478261
1YRJ:B	4GPY:A	0.913043478261
1YRJ:B	2ESJ:A	0.913043478261
1YRJ:B	2ET4:B	0.913043478261
1YRJ:B	2ET4:A	0.913043478261
1YRJ:B	2ET3:A	0.913043478261
1YRJ:B	2ET3:B	0.913043478261
1YRJ:B	2ET5:B	0.913043478261
1YRJ:B	2ET5:A	0.913043478261
1YRJ:B	1MWL:A	0.913043478261
1YRJ:B	2BE0:A	0.913043478261
1YRJ:B	2ET8:B	0.913043478261
1YRJ:B	2ET8:A	0.913043478261
1YRJ:B	3S4P:B	0.913043478261
1YRJ:B	2BEE:A	0.913043478261
1YRJ:B	4F8U:B	0.913043478261
1YRJ:B	3BNL:A	0.95652173913
1YRJ:B	3BNL:B	0.95652173913
1YRJ:B	3WRU:A	0.913043478261
1YRJ:B	4F8V:B	0.913043478261
1YRJ:B	3WRU:B	0.913043478261
1YRJ:B	1O9M:B	0.913043478261
1YRJ:B	1O9M:A	0.913043478261
1YRJ:B	2F4S:B	0.913043478261
1YRJ:B	2F4S:A	0.913043478261
1YRJ:B	4F8V:A	0.913043478261

1YRJ:B	2ESJ:B	0.913043478261
1YRJ:B	2BEE:B	0.913043478261
1YRJ:B	1MWL:B	0.913043478261
4GPW:A	3WRU:A	0.95652173913
4GPW:A	3WRU:B	0.95652173913
4GPW:A	4GPY:B	0.95652173913
4GPW:A	4GPY:A	0.95652173913
4GPW:B	3WRU:A	0.95652173913
4GPW:B	3WRU:B	0.95652173913
4GPW:B	4GPY:B	0.95652173913
4GPW:B	4GPY:A	0.95652173913
1YRJ:A	2PWT:B	0.913043478261
1YRJ:A	2PWT:A	0.913043478261
1YRJ:A	1J7T:A	0.913043478261
1YRJ:A	1J7T:B	0.913043478261
1YRJ:A	3S4P:A	0.913043478261
1YRJ:A	2F4U:A	0.913043478261
1YRJ:A	2F4U:B	0.913043478261
1YRJ:A	4GPY:B	0.913043478261
1YRJ:A	4GPY:A	0.913043478261
1YRJ:A	2ESJ:A	0.913043478261
1YRJ:A	2ET4:B	0.913043478261
1YRJ:A	2ET4:A	0.913043478261
1YRJ:A	2ET3:A	0.913043478261
1YRJ:A	2ET3:B	0.913043478261
1YRJ:A	2ET5:B	0.913043478261
1YRJ:A	2ET5:A	0.913043478261
1YRJ:A	1MWL:A	0.913043478261
1YRJ:A	2BEO:A	0.913043478261
1YRJ:A	2ET8:B	0.913043478261
1YRJ:A	2ET8:A	0.913043478261
1YRJ:A	3S4P:B	0.913043478261
1YRJ:A	2BEE:A	0.913043478261
1YRJ:A	4F8U:B	0.913043478261
1YRJ:A	3BNL:A	0.95652173913
1YRJ:A	3BNL:B	0.95652173913
1YRJ:A	3WRU:A	0.913043478261
1YRJ:A	4F8V:B	0.913043478261
1YRJ:A	3WRU:B	0.913043478261
1YRJ:A	1O9M:B	0.913043478261
1YRJ:A	1O9M:A	0.913043478261

1YRJ:A	2F4S:B	0.913043478261
1YRJ:A	2F4S:A	0.913043478261
1YRJ:A	4F8V:A	0.913043478261
1YRJ:A	2ESJ:B	0.913043478261
1YRJ:A	2BEE:B	0.913043478261
1YRJ:A	1MWL:B	0.913043478261
4WCQ:B	3BNR:C	0.913043478261
4WCQ:B	3WRU:A	0.913043478261
4WCQ:B	3BNR:A	0.913043478261
4WCQ:B	3WRU:B	0.913043478261
4WCQ:B	3BNS:C	0.913043478261
4WCQ:B	3BNS:A	0.913043478261
4WCQ:B	4GPY:B	0.913043478261
4WCQ:B	4GPY:A	0.913043478261
4WCQ:A	3BNR:C	0.913043478261
4WCQ:A	3WRU:A	0.913043478261
4WCQ:A	3BNR:A	0.913043478261
4WCQ:A	3WRU:B	0.913043478261
4WCQ:A	3BNS:C	0.913043478261
4WCQ:A	3BNS:A	0.913043478261
4WCQ:A	4GPY:B	0.913043478261
4WCQ:A	4GPY:A	0.913043478261
3BNO:B	3BNR:B	0.909090909091
3BNO:B	3BNT:A	0.909090909091
3BNO:B	3BNR:D	0.952380952381
3BNO:B	3BNN:D	0.904761904762
3BNO:B	3BNN:C	0.904761904762
3BNO:B	3BNN:B	0.904761904762
3BNO:B	3BNN:A	0.904761904762
3BNO:B	3BNS:D	0.952380952381
3BNO:B	3BNS:B	0.909090909091
3BNO:C	3BNR:B	0.909090909091
3BNO:C	3BNT:A	0.909090909091
3BNO:C	3BNR:D	0.952380952381
3BNO:C	3BNN:D	0.904761904762
3BNO:C	3BNN:C	0.904761904762
3BNO:C	3BNN:B	0.904761904762
3BNO:C	3BNN:A	0.904761904762
3BNO:C	3BNS:D	0.952380952381
3BNO:C	3BNS:B	0.909090909091
3BNO:A	3BNR:B	0.909090909091

3BNO:A	3BNT:A	0.909090909091
3BNO:A	3BNR:D	0.952380952381
3BNO:A	3BNN:D	0.904761904762
3BNO:A	3BNN:C	0.904761904762
3BNO:A	3BNN:B	0.904761904762
3BNO:A	3BNN:A	0.904761904762
3BNO:A	3BNS:D	0.952380952381
3BNO:A	3BNS:B	0.909090909091
3BNO:D	3BNR:B	0.909090909091
3BNO:D	3BNT:A	0.909090909091
3BNO:D	3BNR:D	0.952380952381
3BNO:D	3BNN:D	0.904761904762
3BNO:D	3BNN:C	0.904761904762
3BNO:D	3BNN:B	0.904761904762
3BNO:D	3BNN:A	0.904761904762
3BNO:D	3BNS:D	0.952380952381
3BNO:D	3BNS:B	0.909090909091
4WCS:A	3BNR:C	0.913043478261
4WCS:A	3WRU:A	0.913043478261
4WCS:A	3BNR:A	0.913043478261
4WCS:A	3WRU:B	0.913043478261
4WCS:A	3BNS:C	0.913043478261
4WCS:A	3BNS:A	0.913043478261
4WCS:A	4GPY:B	0.913043478261
4WCS:A	4GPY:A	0.913043478261
4WCS:B	3BNR:C	0.913043478261
4WCS:B	3WRU:A	0.913043478261
4WCS:B	3BNR:A	0.913043478261
4WCS:B	3WRU:B	0.913043478261
4WCS:B	3BNS:C	0.913043478261
4WCS:B	3BNS:A	0.913043478261
4WCS:B	4GPY:B	0.913043478261
4WCS:B	4GPY:A	0.913043478261
3BNS:D	3BNR:A	0.913043478261
3BNS:D	3BNT:A	0.954545454545
3BNS:D	3BNR:B	0.954545454545
3BNS:D	3BNN:D	0.904761904762
3BNS:D	3BNN:C	0.904761904762
3BNS:D	3BNN:B	0.904761904762
3BNS:D	3BNN:A	0.904761904762
3BNS:D	3BNP:B	0.904761904762

3BNS:D	3BNS:B	0.954545454545
3BNS:D	3BNS:C	0.913043478261
3BNS:D	3BNS:A	0.913043478261
3BNS:D	3BNR:C	0.913043478261
3BNS:B	3BNR:A	0.95652173913
3BNS:B	3BNT:A	0.954545454545
3BNS:B	3BNR:D	0.954545454545
3BNS:B	3BNS:C	0.95652173913
3BNS:B	3BNS:A	0.95652173913
3BNS:B	3BNR:C	0.95652173913
3BNS:C	3WRU:A	0.913043478261
3BNS:C	3BNR:B	0.95652173913
3BNS:C	3WRU:B	0.913043478261
3BNS:C	3BNT:A	0.913043478261
3BNS:C	3BNR:D	0.913043478261
3BNS:C	4GPY:B	0.913043478261
3BNS:C	4GPY:A	0.913043478261
4F8V:B	4P20:B	0.913043478261
4F8V:B	1J7T:A	0.954545454545
4F8V:B	1J7T:B	0.954545454545
4F8V:B	3BNP:B	0.904761904762
4F8V:B	2ESI:A	0.913043478261
4F8V:B	2ET4:B	0.954545454545
4F8V:B	2ET4:A	0.954545454545
4F8V:B	2ET3:A	0.954545454545
4F8V:B	2ET3:B	0.954545454545
4F8V:B	2ESJ:A	0.954545454545
4F8V:B	2ET5:B	0.954545454545
4F8V:B	2ESJ:B	0.954545454545
4F8V:B	4P20:A	0.913043478261
4F8V:B	2BE0:A	0.954545454545
4F8V:B	2ET8:B	0.954545454545
4F8V:B	2ET8:A	0.954545454545
4F8V:B	2BEE:B	0.954545454545
4F8V:B	2ET5:A	0.954545454545
4F8V:B	3BNL:A	0.954545454545
4F8V:B	3BNL:B	0.954545454545
4F8V:B	1O9M:B	0.954545454545
4F8V:B	1O9M:A	0.954545454545
4F8V:B	1MWL:B	0.954545454545
4F8V:B	1MWL:A	0.954545454545

4F8V:B	2BEE:A	0.954545454545
3BNS:A	3WRU:A	0.913043478261
3BNS:A	3BNR:B	0.95652173913
3BNS:A	3WRU:B	0.913043478261
3BNS:A	3BNT:A	0.913043478261
3BNS:A	3BNR:D	0.913043478261
3BNS:A	4GPY:B	0.913043478261
3BNS:A	4GPY:A	0.913043478261
2BEE:B	2PWT:B	0.954545454545
2BEE:B	2PWT:A	0.954545454545
2BEE:B	3BNP:A	0.909090909091
2BEE:B	2F4U:A	0.954545454545
2BEE:B	2F4U:B	0.954545454545
2BEE:B	2ESI:A	0.913043478261
2BEE:B	4P20:B	0.913043478261
2BEE:B	4P20:A	0.913043478261
2BEE:B	3S4P:B	0.954545454545
2BEE:B	4F8U:B	0.954545454545
2BEE:B	3BNL:A	0.954545454545
2BEE:B	3BNL:B	0.954545454545
2BEE:B	2F4S:B	0.954545454545
2BEE:B	2F4S:A	0.954545454545
2BEE:B	4F8V:A	0.954545454545
2BEE:B	3S4P:A	0.954545454545
3BNR:C	3WRU:A	0.913043478261
3BNR:C	3BNR:B	0.95652173913
3BNR:C	3WRU:B	0.913043478261
3BNR:C	3BNT:A	0.913043478261
3BNR:C	3BNR:D	0.913043478261
3BNR:C	4GPY:B	0.913043478261
3BNR:C	4GPY:A	0.913043478261
3BNR:B	3BNR:A	0.95652173913
3BNR:B	3BNT:A	0.954545454545
3BNR:B	3BNR:D	0.954545454545
3BNR:A	3WRU:A	0.913043478261
3BNR:A	3WRU:B	0.913043478261
3BNR:A	3BNT:A	0.913043478261
3BNR:A	3BNR:D	0.913043478261
3BNR:A	4GPY:B	0.913043478261
3BNR:A	4GPY:A	0.913043478261
2PWT:B	4P20:B	0.913043478261

2PWT:B	1J7T:A	0.954545454545
2PWT:B	1J7T:B	0.954545454545
2PWT:B	3BNP:B	0.904761904762
2PWT:B	2ESI:A	0.913043478261
2PWT:B	2ET4:B	0.954545454545
2PWT:B	2ET4:A	0.954545454545
2PWT:B	2ET3:A	0.954545454545
2PWT:B	2ET3:B	0.954545454545
2PWT:B	2ESJ:A	0.954545454545
2PWT:B	2ET5:B	0.954545454545
2PWT:B	2ESJ:B	0.954545454545
2PWT:B	4P20:A	0.913043478261
2PWT:B	2BE0:A	0.954545454545
2PWT:B	2ET8:B	0.954545454545
2PWT:B	2ET8:A	0.954545454545
2PWT:B	2ET5:A	0.954545454545
2PWT:B	3BNL:A	0.954545454545
2PWT:B	3BNL:B	0.954545454545
2PWT:B	1O9M:B	0.954545454545
2PWT:B	1O9M:A	0.954545454545
2PWT:B	1MWL:B	0.954545454545
2PWT:B	1MWL:A	0.954545454545
2PWT:B	2BEE:A	0.954545454545
2PWT:A	4P20:B	0.913043478261
2PWT:A	1J7T:A	0.954545454545
2PWT:A	1J7T:B	0.954545454545
2PWT:A	3BNP:B	0.904761904762
2PWT:A	2ESI:A	0.913043478261
2PWT:A	2ET4:B	0.954545454545
2PWT:A	2ET4:A	0.954545454545
2PWT:A	2ET3:A	0.954545454545
2PWT:A	2ET3:B	0.954545454545
2PWT:A	2ESJ:A	0.954545454545
2PWT:A	2ET5:B	0.954545454545
2PWT:A	2ESJ:B	0.954545454545
2PWT:A	4P20:A	0.913043478261
2PWT:A	2BE0:A	0.954545454545
2PWT:A	2ET8:B	0.954545454545
2PWT:A	2ET8:A	0.954545454545
2PWT:A	2ET5:A	0.954545454545
2PWT:A	3BNL:A	0.954545454545

2PWT:A	3BNL:B	0.954545454545
2PWT:A	1O9M:B	0.954545454545
2PWT:A	1O9M:A	0.954545454545
2PWT:A	1MWL:B	0.954545454545
2PWT:A	1MWL:A	0.954545454545
2PWT:A	2BEE:A	0.954545454545
3BNR:D	3BNT:A	0.954545454545
3BNR:D	3BNN:D	0.904761904762
3BNR:D	3BNN:C	0.904761904762
3BNR:D	3BNN:B	0.904761904762
3BNR:D	3BNN:A	0.904761904762
3BNR:D	3BNP:B	0.904761904762
3BNP:A	1J7T:A	0.909090909091
3BNP:A	1J7T:B	0.909090909091
3BNP:A	3BNP:B	0.954545454545
3BNP:A	3BNT:A	0.909090909091
3BNP:A	2ET4:B	0.909090909091
3BNP:A	2ET4:A	0.909090909091
3BNP:A	2ET3:A	0.909090909091
3BNP:A	2ET3:B	0.909090909091
3BNP:A	2ESJ:A	0.909090909091
3BNP:A	2ET5:B	0.909090909091
3BNP:A	2ESJ:B	0.909090909091
3BNP:A	2ET5:A	0.909090909091
3BNP:A	2BE0:A	0.909090909091
3BNP:A	3BNN:D	0.909090909091
3BNP:A	3BNN:C	0.909090909091
3BNP:A	3BNN:B	0.909090909091
3BNP:A	3BNN:A	0.909090909091
3BNP:A	2ET8:B	0.909090909091
3BNP:A	2ET8:A	0.909090909091
3BNP:A	2BEE:A	0.909090909091
3BNP:A	1O9M:B	0.909090909091
3BNP:A	1O9M:A	0.909090909091
3BNP:A	1MWL:B	0.909090909091
3BNP:A	1MWL:A	0.909090909091
3BNP:B	3BNN:D	0.952380952381
3BNP:B	3BNN:C	0.952380952381
3BNP:B	3BNN:B	0.952380952381
3BNP:B	3BNN:A	0.952380952381
3BNP:B	2F4S:B	0.904761904762

3BNP:B	2F4U:A	0.904761904762
3BNP:B	4F8V:A	0.904761904762
3BNP:B	2F4U:B	0.904761904762
3BNP:B	3S4P:B	0.904761904762
3BNP:B	2F4S:A	0.904761904762
3BNP:B	4F8U:B	0.904761904762
3BNP:B	3S4P:A	0.904761904762
2F4U:A	4P20:B	0.913043478261
2F4U:A	1J7T:A	0.954545454545
2F4U:A	1J7T:B	0.954545454545
2F4U:A	2ESI:A	0.913043478261
2F4U:A	2ET4:B	0.954545454545
2F4U:A	2ET4:A	0.954545454545
2F4U:A	2ET3:A	0.954545454545
2F4U:A	2ET3:B	0.954545454545
2F4U:A	2ESJ:A	0.954545454545
2F4U:A	2ET5:B	0.954545454545
2F4U:A	2ESJ:B	0.954545454545
2F4U:A	4P20:A	0.913043478261
2F4U:A	2BE0:A	0.954545454545
2F4U:A	2ET8:B	0.954545454545
2F4U:A	2ET8:A	0.954545454545
2F4U:A	2ET5:A	0.954545454545
2F4U:A	3BNL:A	0.954545454545
2F4U:A	3BNL:B	0.954545454545
2F4U:A	1O9M:B	0.954545454545
2F4U:A	1O9M:A	0.954545454545
2F4U:A	1MWL:B	0.954545454545
2F4U:A	1MWL:A	0.954545454545
2F4U:A	2BEE:A	0.954545454545
2F4U:B	4P20:B	0.913043478261
2F4U:B	1J7T:A	0.954545454545
2F4U:B	1J7T:B	0.954545454545
2F4U:B	2ESI:A	0.913043478261
2F4U:B	2ET4:B	0.954545454545
2F4U:B	2ET4:A	0.954545454545
2F4U:B	2ET3:A	0.954545454545
2F4U:B	2ET3:B	0.954545454545
2F4U:B	2ESJ:A	0.954545454545
2F4U:B	2ET5:B	0.954545454545
2F4U:B	2ESJ:B	0.954545454545

2F4U:B	4P20:A	0.913043478261
2F4U:B	2BE0:A	0.954545454545
2F4U:B	2ET8:B	0.954545454545
2F4U:B	2ET8:A	0.954545454545
2F4U:B	2ET5:A	0.954545454545
2F4U:B	3BNL:A	0.954545454545
2F4U:B	3BNL:B	0.954545454545
2F4U:B	1O9M:B	0.954545454545
2F4U:B	1O9M:A	0.954545454545
2F4U:B	1MWL:B	0.954545454545
2F4U:B	1MWL:A	0.954545454545
2F4U:B	2BEE:A	0.954545454545
2ET3:A	3S4P:A	0.954545454545
2ET3:A	2ESI:A	0.913043478261
2ET3:A	4P20:B	0.913043478261
2ET3:A	4P20:A	0.913043478261
2ET3:A	3S4P:B	0.954545454545
2ET3:A	4F8U:B	0.954545454545
2ET3:A	3BNL:A	0.954545454545
2ET3:A	3BNL:B	0.954545454545
2ET3:A	2F4S:B	0.954545454545
2ET3:A	2F4S:A	0.954545454545
2ET3:A	4F8V:A	0.954545454545
2ET3:B	3S4P:A	0.954545454545
2ET3:B	2ESI:A	0.913043478261
2ET3:B	4P20:B	0.913043478261
2ET3:B	4P20:A	0.913043478261
2ET3:B	3S4P:B	0.954545454545
2ET3:B	4F8U:B	0.954545454545
2ET3:B	3BNL:A	0.954545454545
2ET3:B	3BNL:B	0.954545454545
2ET3:B	2F4S:B	0.954545454545
2ET3:B	2F4S:A	0.954545454545
2ET3:B	4F8V:A	0.954545454545
4P20:B	1J7T:A	0.913043478261
4P20:B	1J7T:B	0.913043478261
4P20:B	3S4P:A	0.913043478261
4P20:B	4GPY:B	0.913043478261
4P20:B	4GPY:A	0.913043478261
4P20:B	2ESJ:A	0.913043478261
4P20:B	2ET4:B	0.913043478261

4P20:B	2ET4:A	0.913043478261
4P20:B	2ET5:B	0.913043478261
4P20:B	2ET5:A	0.913043478261
4P20:B	1MWL:A	0.913043478261
4P20:B	2BE0:A	0.913043478261
4P20:B	2ET8:B	0.913043478261
4P20:B	2ET8:A	0.913043478261
4P20:B	3S4P:B	0.913043478261
4P20:B	2BEE:A	0.913043478261
4P20:B	4F8U:B	0.913043478261
4P20:B	3BNL:A	0.95652173913
4P20:B	3BNL:B	0.95652173913
4P20:B	3WRU:A	0.913043478261
4P20:B	3WRU:B	0.913043478261
4P20:B	1O9M:B	0.913043478261
4P20:B	1O9M:A	0.913043478261
4P20:B	2F4S:B	0.913043478261
4P20:B	2F4S:A	0.913043478261
4P20:B	4F8V:A	0.913043478261
4P20:B	2ESJ:B	0.913043478261
4P20:B	1MWL:B	0.913043478261
3WRU:A	4P20:A	0.913043478261
3WRU:A	2ESI:A	0.913043478261
4P20:A	1J7T:A	0.913043478261
4P20:A	1J7T:B	0.913043478261
4P20:A	3S4P:A	0.913043478261
4P20:A	4GPY:B	0.913043478261
4P20:A	4GPY:A	0.913043478261
4P20:A	2ESJ:A	0.913043478261
4P20:A	2ET4:B	0.913043478261
4P20:A	2ET4:A	0.913043478261
4P20:A	2ET5:B	0.913043478261
4P20:A	2ET5:A	0.913043478261
4P20:A	1MWL:A	0.913043478261
4P20:A	2BE0:A	0.913043478261
4P20:A	2ET8:B	0.913043478261
4P20:A	2ET8:A	0.913043478261
4P20:A	3S4P:B	0.913043478261
4P20:A	2BEE:A	0.913043478261
4P20:A	4F8U:B	0.913043478261
4P20:A	3BNL:A	0.95652173913

4P20:A	3BNL:B	0.95652173913
4P20:A	3WRU:B	0.913043478261
4P20:A	1O9M:B	0.913043478261
4P20:A	1O9M:A	0.913043478261
4P20:A	2F4S:B	0.913043478261
4P20:A	2F4S:A	0.913043478261
4P20:A	4F8V:A	0.913043478261
4P20:A	2ESJ:B	0.913043478261
4P20:A	1MWL:B	0.913043478261
3WRU:B	2ESI:A	0.913043478261
3S4P:B	1J7T:A	0.954545454545
3S4P:B	1J7T:B	0.954545454545
3S4P:B	2ET4:B	0.954545454545
3S4P:B	2ET4:A	0.954545454545
3S4P:B	2ESJ:A	0.954545454545
3S4P:B	2ET5:B	0.954545454545
3S4P:B	2ESJ:B	0.954545454545
3S4P:B	2BE0:A	0.954545454545
3S4P:B	2ET8:B	0.954545454545
3S4P:B	2ET8:A	0.954545454545
3S4P:B	2ET5:A	0.954545454545
3S4P:B	2ESI:A	0.913043478261
3S4P:B	3BNL:A	0.954545454545
3S4P:B	3BNL:B	0.954545454545
3S4P:B	1O9M:B	0.954545454545
3S4P:B	1O9M:A	0.954545454545
3S4P:B	1MWL:B	0.954545454545
3S4P:B	1MWL:A	0.954545454545
3S4P:B	2BEE:A	0.954545454545
3S4P:A	1J7T:A	0.954545454545
3S4P:A	1J7T:B	0.954545454545
3S4P:A	2ET4:B	0.954545454545
3S4P:A	2ET4:A	0.954545454545
3S4P:A	2ESJ:A	0.954545454545
3S4P:A	2ET5:B	0.954545454545
3S4P:A	2ESJ:B	0.954545454545
3S4P:A	2BE0:A	0.954545454545
3S4P:A	2ET8:B	0.954545454545
3S4P:A	2ET8:A	0.954545454545
3S4P:A	2ET5:A	0.954545454545
3S4P:A	2ESI:A	0.913043478261

3S4P:A	3BNL:A	0.954545454545
3S4P:A	3BNL:B	0.954545454545
3S4P:A	1O9M:B	0.954545454545
3S4P:A	1O9M:A	0.954545454545
3S4P:A	1MWL:B	0.954545454545
3S4P:A	1MWL:A	0.954545454545
3S4P:A	2BEE:A	0.954545454545
4F8U:B	1J7T:A	0.954545454545
4F8U:B	1J7T:B	0.954545454545
4F8U:B	2ET4:B	0.954545454545
4F8U:B	2ET4:A	0.954545454545
4F8U:B	2ESJ:A	0.954545454545
4F8U:B	2ET5:B	0.954545454545
4F8U:B	2ESJ:B	0.954545454545
4F8U:B	2BE0:A	0.954545454545
4F8U:B	2ET8:B	0.954545454545
4F8U:B	2ET8:A	0.954545454545
4F8U:B	2ET5:A	0.954545454545
4F8U:B	2ESI:A	0.913043478261
4F8U:B	3BNL:A	0.954545454545
4F8U:B	3BNL:B	0.954545454545
4F8U:B	1O9M:B	0.954545454545
4F8U:B	1O9M:A	0.954545454545
4F8U:B	1MWL:B	0.954545454545
4F8U:B	1MWL:A	0.954545454545
4F8U:B	2BEE:A	0.954545454545
2ESI:A	1J7T:A	0.913043478261
2ESI:A	1J7T:B	0.913043478261
2ESI:A	4GPY:B	0.913043478261
2ESI:A	4GPY:A	0.913043478261
2ESI:A	2ESJ:A	0.913043478261
2ESI:A	2ET4:B	0.913043478261
2ESI:A	2ET4:A	0.913043478261
2ESI:A	2ET5:B	0.913043478261
2ESI:A	2ET5:A	0.913043478261
2ESI:A	1MWL:A	0.913043478261
2ESI:A	2BE0:A	0.913043478261
2ESI:A	2ET8:B	0.913043478261
2ESI:A	2ET8:A	0.913043478261
2ESI:A	2BEE:A	0.913043478261
2ESI:A	3BNL:A	0.95652173913

2ESI:A	3BNL:B	0.95652173913
2ESI:A	1O9M:B	0.913043478261
2ESI:A	1O9M:A	0.913043478261
2ESI:A	2F4S:B	0.913043478261
2ESI:A	2F4S:A	0.913043478261
2ESI:A	4F8V:A	0.913043478261
2ESI:A	2ESJ:B	0.913043478261
2ESI:A	1MWL:B	0.913043478261
3BNL:A	1J7T:A	0.954545454545
3BNL:A	1J7T:B	0.954545454545
3BNL:A	2ET4:B	0.954545454545
3BNL:A	2ET4:A	0.954545454545
3BNL:A	2ESJ:A	0.954545454545
3BNL:A	2ET5:B	0.954545454545
3BNL:A	2ET5:A	0.954545454545
3BNL:A	2ESJ:B	0.954545454545
3BNL:A	2BE0:A	0.954545454545
3BNL:A	2ET8:B	0.954545454545
3BNL:A	2ET8:A	0.954545454545
3BNL:A	1O9M:B	0.954545454545
3BNL:A	1O9M:A	0.954545454545
3BNL:A	2F4S:B	0.954545454545
3BNL:A	2F4S:A	0.954545454545
3BNL:A	4F8V:A	0.954545454545
3BNL:A	1MWL:A	0.954545454545
3BNL:A	1MWL:B	0.954545454545
3BNL:A	2BEE:A	0.954545454545
3BNL:B	1J7T:A	0.954545454545
3BNL:B	1J7T:B	0.954545454545
3BNL:B	2ET4:B	0.954545454545
3BNL:B	2ET4:A	0.954545454545
3BNL:B	2ESJ:A	0.954545454545
3BNL:B	2ET5:B	0.954545454545
3BNL:B	2ET5:A	0.954545454545
3BNL:B	2ESJ:B	0.954545454545
3BNL:B	2BE0:A	0.954545454545
3BNL:B	2ET8:B	0.954545454545
3BNL:B	2ET8:A	0.954545454545
3BNL:B	1O9M:B	0.954545454545
3BNL:B	1O9M:A	0.954545454545
3BNL:B	2F4S:B	0.954545454545

3BNL:B	2F4S:A	0.954545454545
3BNL:B	4F8V:A	0.954545454545
3BNL:B	1MWL:A	0.954545454545
3BNL:B	1MWL:B	0.954545454545
3BNL:B	2BEE:A	0.954545454545
2F4S:B	1J7T:A	0.954545454545
2F4S:B	1J7T:B	0.954545454545
2F4S:B	2ET4:B	0.954545454545
2F4S:B	2ET4:A	0.954545454545
2F4S:B	2ESJ:A	0.954545454545
2F4S:B	2ET5:B	0.954545454545
2F4S:B	2ESJ:B	0.954545454545
2F4S:B	2BE0:A	0.954545454545
2F4S:B	2ET8:B	0.954545454545
2F4S:B	2ET8:A	0.954545454545
2F4S:B	2ET5:A	0.954545454545
2F4S:B	1O9M:B	0.954545454545
2F4S:B	1O9M:A	0.954545454545
2F4S:B	1MWL:B	0.954545454545
2F4S:B	1MWL:A	0.954545454545
2F4S:B	2BEE:A	0.954545454545
2F4S:A	1J7T:A	0.954545454545
2F4S:A	1J7T:B	0.954545454545
2F4S:A	2ET4:B	0.954545454545
2F4S:A	2ET4:A	0.954545454545
2F4S:A	2ESJ:A	0.954545454545
2F4S:A	2ET5:B	0.954545454545
2F4S:A	2ESJ:B	0.954545454545
2F4S:A	2BE0:A	0.954545454545
2F4S:A	2ET8:B	0.954545454545
2F4S:A	2ET8:A	0.954545454545
2F4S:A	2ET5:A	0.954545454545
2F4S:A	1O9M:B	0.954545454545
2F4S:A	1O9M:A	0.954545454545
2F4S:A	1MWL:B	0.954545454545
2F4S:A	1MWL:A	0.954545454545
2F4S:A	2BEE:A	0.954545454545
1J7T:A	4F8V:A	0.954545454545
1J7T:B	4F8V:A	0.954545454545
2ET4:B	4F8V:A	0.954545454545
2ET4:A	4F8V:A	0.954545454545

2ESJ:A	4F8V:A	0.954545454545
2ET5:B	4F8V:A	0.954545454545
2ET5:A	4F8V:A	0.954545454545
2ESJ:B	4F8V:A	0.954545454545
2BE0:A	4F8V:A	0.954545454545
2ET8:B	4F8V:A	0.954545454545
2ET8:A	4F8V:A	0.954545454545
4F8V:A	1O9M:B	0.954545454545
4F8V:A	1O9M:A	0.954545454545
4F8V:A	1MWL:B	0.954545454545
4F8V:A	1MWL:A	0.954545454545
4F8V:A	2BEE:A	0.954545454545
subgraph 12 has 21 nodes		
2G92:A	2Q1R:A	0.916666666667
2G92:A	4RBY:A	0.916666666667
2G92:A	157D:B	0.916666666667
2G92:A	157D:A	0.916666666667
2G92:A	2Q1O:D	0.916666666667
2G92:A	2Q1O:C	0.916666666667
2G92:A	2Q1O:B	0.916666666667
2G92:A	2Q1O:A	0.916666666667
157D:A	4RC0:A	0.916666666667
157D:A	4RBY:A	0.916666666667
157D:A	468D:B	0.916666666667
157D:A	1XV6:A	0.916666666667
157D:A	468D:A	0.916666666667
157D:A	4RBZ:A	0.916666666667
157D:A	471D:A	0.916666666667
157D:A	471D:B	0.916666666667
157D:A	470D:B	0.916666666667
157D:A	470D:A	0.916666666667
157D:A	469D:A	0.916666666667
157D:A	2G92:B	0.916666666667
157D:A	469D:B	0.916666666667
2Q1R:A	4RC0:A	0.916666666667
2Q1R:A	4RBY:A	0.916666666667
2Q1R:A	468D:B	0.916666666667
2Q1R:A	1XV6:A	0.916666666667
2Q1R:A	468D:A	0.916666666667
2Q1R:A	4RBZ:A	0.916666666667
2Q1R:A	471D:A	0.916666666667

2Q1R:A	471D:B	0.916666666667
2Q1R:A	470D:B	0.916666666667
2Q1R:A	470D:A	0.916666666667
2Q1R:A	469D:A	0.916666666667
2Q1R:A	2G92:B	0.916666666667
2Q1R:A	469D:B	0.916666666667
469D:B	157D:B	0.916666666667
4RBY:A	157D:B	0.916666666667
4RBY:A	2G92:B	0.916666666667
468D:B	157D:B	0.916666666667
2G92:B	157D:B	0.916666666667
2G92:B	2Q10:D	0.916666666667
2G92:B	2Q10:C	0.916666666667
2G92:B	2Q10:B	0.916666666667
2G92:B	2Q10:A	0.916666666667
1XV6:A	157D:B	0.916666666667
468D:A	157D:B	0.916666666667
4RBZ:A	157D:B	0.916666666667
157D:B	471D:B	0.916666666667
157D:B	471D:A	0.916666666667
157D:B	4RC0:A	0.916666666667
157D:B	470D:B	0.916666666667
157D:B	470D:A	0.916666666667
157D:B	469D:A	0.916666666667
subgraph 13 has 34 nodes		
2XNZ:A	4FEO:B	0.970149253731
2XNZ:A	4FEN:B	0.955223880597
2XNZ:A	3DS7:B	0.910447761194
2XNZ:A	3DS7:A	0.910447761194
2XNZ:A	3GAO:A	0.985074626866
2XNZ:A	3FO6:A	0.970588235294
2XNZ:A	2EES:A	0.955223880597
2XNZ:A	4FEL:B	0.955223880597
2XNZ:A	4FEJ:B	0.970149253731
2XNZ:A	1Y27:X	0.955882352941
2XNZ:A	2EEW:A	0.970149253731
2XNZ:A	3GER:A	0.985074626866
2XNZ:A	5C7W:C	0.955223880597
2XNZ:A	2EET:A	0.955223880597
2XNZ:A	3G4M:A	0.985074626866
2XNZ:A	2EEU:A	0.955223880597

2XNZ:A	2EEV:A	0.955223880597
2XNZ:A	3FO4:A	0.985294117647
2XNZ:A	4FE5:B	0.985074626866
2XNZ:A	2XO1:A	0.985074626866
2XNZ:A	5C7U:B	0.985074626866
2XNZ:A	3GOG:A	0.955223880597
2XNZ:A	2B57:A	0.970149253731
2XNZ:A	4FEP:B	0.970149253731
4FEO:B	4FEN:B	0.970149253731
4FEO:B	3GAO:A	0.955223880597
4FEO:B	3FO6:A	0.941176470588
4FEO:B	2EES:A	0.925373134328
4FEO:B	4FEL:B	0.985074626866
4FEO:B	4FEJ:B	0.940298507463
4FEO:B	3GES:A	0.970149253731
4FEO:B	2EEW:A	0.940298507463
4FEO:B	2G9C:A	0.970149253731
4FEO:B	3GER:A	0.955223880597
4FEO:B	5C7W:C	0.925373134328
4FEO:B	2EET:A	0.925373134328
4FEO:B	3G4M:A	0.955223880597
4FEO:B	1Y27:X	0.926470588235
4FEO:B	2EEU:A	0.940298507463
4FEO:B	2EEV:A	0.925373134328
4FEO:B	3FO4:A	0.955882352941
4FEO:B	4FE5:B	0.955223880597
4FEO:B	2XNW:A	0.970149253731
4FEO:B	2XO1:A	0.955223880597
4FEO:B	5C7U:B	0.955223880597
4FEO:B	3GOG:A	0.925373134328
4FEO:B	2XO0:A	0.970149253731
4FEO:B	3GOT:A	0.970149253731
4FEO:B	2B57:A	0.940298507463
4FEO:B	4FEP:B	0.985074626866
3GOG:A	4FEN:B	0.940298507463
3GOG:A	3GAO:A	0.970149253731
3GOG:A	3FO6:A	0.955882352941
3GOG:A	2EES:A	0.970149253731
3GOG:A	4FEL:B	0.940298507463
3GOG:A	4FEJ:B	0.955223880597
3GOG:A	3GES:A	0.955223880597

3GOG:A	2EEW:A	0.955223880597
3GOG:A	2G9C:A	0.955223880597
3GOG:A	3GER:A	0.970149253731
3GOG:A	5C7W:C	0.940298507463
3GOG:A	3G4M:A	0.970149253731
3GOG:A	1Y27:X	0.941176470588
3GOG:A	2EEU:A	0.940298507463
3GOG:A	2EEV:A	0.940298507463
3GOG:A	3FO4:A	0.941176470588
3GOG:A	4FE5:B	0.970149253731
3GOG:A	2XNW:A	0.955223880597
3GOG:A	2XO1:A	0.940298507463
3GOG:A	5C7U:B	0.970149253731
3GOG:A	2XO0:A	0.955223880597
3GOG:A	3GOT:A	0.955223880597
3GOG:A	2B57:A	0.925373134328
3GOG:A	4FEP:B	0.925373134328
4FEN:B	3GAO:A	0.970149253731
4FEN:B	3FO6:A	0.955882352941
4FEN:B	2EES:A	0.940298507463
4FEN:B	2XO0:A	0.955223880597
4FEN:B	4FEL:B	0.985074626866
4FEN:B	4FEJ:B	0.970149253731
4FEN:B	3GES:A	0.955223880597
4FEN:B	2EEW:A	0.955223880597
4FEN:B	2G9C:A	0.955223880597
4FEN:B	3GER:A	0.970149253731
4FEN:B	5C7W:C	0.940298507463
4FEN:B	2EET:A	0.940298507463
4FEN:B	3G4M:A	0.970149253731
4FEN:B	1Y27:X	0.941176470588
4FEN:B	2EEU:A	0.940298507463
4FEN:B	2EEV:A	0.940298507463
4FEN:B	3FO4:A	0.941176470588
4FEN:B	4FE5:B	0.970149253731
4FEN:B	2XNW:A	0.955223880597
4FEN:B	2XO1:A	0.940298507463
4FEN:B	5C7U:B	0.970149253731
4FEN:B	3RKF:A	0.910447761194
4FEN:B	3RKF:B	0.910447761194
4FEN:B	3RKF:C	0.910447761194

4FEN:B	3RKF:D	0.910447761194
4FEN:B	3GOT:A	0.955223880597
4FEN:B	2B57:A	0.925373134328
4FEN:B	4FEP:B	0.985074626866
3DS7:B	2G9C:A	0.910447761194
3DS7:B	3GER:A	0.925373134328
3DS7:B	4FE5:B	0.925373134328
3DS7:B	2XNW:A	0.910447761194
3DS7:B	3GAO:A	0.925373134328
3DS7:B	3FO6:A	0.911764705882
3DS7:B	3G4M:A	0.925373134328
3DS7:B	2EEU:A	0.925373134328
3DS7:B	5C7U:B	0.925373134328
3DS7:B	2XO0:A	0.910447761194
3DS7:B	2EEV:A	0.955223880597
3DS7:B	4FEJ:B	0.910447761194
3DS7:B	3GOT:A	0.910447761194
3DS7:B	3GES:A	0.910447761194
3DS7:B	2EEW:A	0.925373134328
3DS7:A	2G9C:A	0.910447761194
3DS7:A	3GER:A	0.925373134328
3DS7:A	4FE5:B	0.925373134328
3DS7:A	2XNW:A	0.910447761194
3DS7:A	3GAO:A	0.925373134328
3DS7:A	3FO6:A	0.911764705882
3DS7:A	3G4M:A	0.925373134328
3DS7:A	2EEU:A	0.925373134328
3DS7:A	5C7U:B	0.925373134328
3DS7:A	2XO0:A	0.910447761194
3DS7:A	2EEV:A	0.955223880597
3DS7:A	4FEJ:B	0.910447761194
3DS7:A	3GOT:A	0.910447761194
3DS7:A	3GES:A	0.910447761194
3DS7:A	2EEW:A	0.925373134328
3GAO:A	3FO6:A	0.985294117647
3GAO:A	2EES:A	0.970149253731
3GAO:A	2XO0:A	0.985074626866
3GAO:A	4FEL:B	0.970149253731
3GAO:A	4FEJ:B	0.985074626866
3GAO:A	3GES:A	0.985074626866
3GAO:A	2EEW:A	0.985074626866

3GAO:A	2G9C:A	0.985074626866
3GAO:A	5C7W:C	0.970149253731
3GAO:A	2EET:A	0.970149253731
3GAO:A	1Y27:X	0.970588235294
3GAO:A	2EEU:A	0.970149253731
3GAO:A	2EEV:A	0.970149253731
3GAO:A	3FO4:A	0.970588235294
3GAO:A	2XNW:A	0.985074626866
3GAO:A	2XO1:A	0.970149253731
3GAO:A	3RKF:A	0.910447761194
3GAO:A	3RKF:B	0.910447761194
3GAO:A	3RKF:C	0.910447761194
3GAO:A	3RKF:D	0.910447761194
3GAO:A	3GOT:A	0.985074626866
3GAO:A	2B57:A	0.955223880597
3GAO:A	4FEP:B	0.955223880597
3FO6:A	2EES:A	0.955882352941
3FO6:A	4FEL:B	0.955882352941
3FO6:A	4FEJ:B	0.970588235294
3FO6:A	3GES:A	0.970588235294
3FO6:A	2EEW:A	0.970588235294
3FO6:A	2G9C:A	0.970588235294
3FO6:A	3GER:A	0.985294117647
3FO6:A	5C7W:C	0.955882352941
3FO6:A	2EET:A	0.955882352941
3FO6:A	3G4M:A	0.985294117647
3FO6:A	1Y27:X	0.95652173913
3FO6:A	2EEU:A	0.955882352941
3FO6:A	2EEV:A	0.955882352941
3FO6:A	3FO4:A	0.985294117647
3FO6:A	4FE5:B	0.985294117647
3FO6:A	2XNW:A	0.970588235294
3FO6:A	2XO1:A	0.955882352941
3FO6:A	5C7U:B	0.985294117647
3FO6:A	2XO0:A	0.970588235294
3FO6:A	3GOT:A	0.970588235294
3FO6:A	2B57:A	0.941176470588
3FO6:A	4FEP:B	0.941176470588
2EES:A	4FEL:B	0.940298507463
2EES:A	4FEJ:B	0.955223880597
2EES:A	3GES:A	0.955223880597

2EES:A	2EEW:A	0.955223880597
2EES:A	2G9C:A	0.955223880597
2EES:A	3GER:A	0.970149253731
2EES:A	5C7W:C	0.940298507463
2EES:A	2EET:A	0.970149253731
2EES:A	3G4M:A	0.970149253731
2EES:A	1Y27:X	0.941176470588
2EES:A	2EEU:A	0.940298507463
2EES:A	2EEV:A	0.940298507463
2EES:A	3FO4:A	0.941176470588
2EES:A	4FE5:B	0.970149253731
2EES:A	2XNW:A	0.955223880597
2EES:A	2XO1:A	0.940298507463
2EES:A	5C7U:B	0.970149253731
2EES:A	2XO0:A	0.955223880597
2EES:A	3GOT:A	0.955223880597
2EES:A	2B57:A	0.925373134328
2EES:A	4FEP:B	0.925373134328
2XO0:A	4FEL:B	0.955223880597
2XO0:A	4FEJ:B	0.970149253731
2XO0:A	1Y27:X	0.955882352941
2XO0:A	2EEW:A	0.970149253731
2XO0:A	3GER:A	0.985074626866
2XO0:A	5C7W:C	0.955223880597
2XO0:A	2EET:A	0.955223880597
2XO0:A	3G4M:A	0.985074626866
2XO0:A	2EEU:A	0.955223880597
2XO0:A	2EEV:A	0.955223880597
2XO0:A	3FO4:A	0.985294117647
2XO0:A	4FE5:B	0.985074626866
2XO0:A	2XO1:A	0.985074626866
2XO0:A	5C7U:B	0.985074626866
2XO0:A	2B57:A	0.970149253731
2XO0:A	4FEP:B	0.970149253731
4FEL:B	3FO4:A	0.941176470588
4FEL:B	4FEJ:B	0.955223880597
4FEL:B	3GES:A	0.955223880597
4FEL:B	2EEW:A	0.955223880597
4FEL:B	2G9C:A	0.955223880597
4FEL:B	3GER:A	0.970149253731
4FEL:B	5C7W:C	0.940298507463

4FEL:B	2EET:A	0.940298507463
4FEL:B	3G4M:A	0.970149253731
4FEL:B	1Y27:X	0.941176470588
4FEL:B	2EEU:A	0.955223880597
4FEL:B	2EEV:A	0.940298507463
4FEL:B	4FE5:B	0.970149253731
4FEL:B	2XNW:A	0.955223880597
4FEL:B	2XO1:A	0.940298507463
4FEL:B	5C7U:B	0.970149253731
4FEL:B	3RKF:A	0.910447761194
4FEL:B	3RKF:B	0.910447761194
4FEL:B	3RKF:C	0.910447761194
4FEL:B	3RKF:D	0.910447761194
4FEL:B	3GOT:A	0.955223880597
4FEL:B	2B57:A	0.925373134328
4FEL:B	4FEP:B	0.970149253731
4FEJ:B	3GES:A	0.970149253731
4FEJ:B	2EEW:A	0.970149253731
4FEJ:B	2G9C:A	0.970149253731
4FEJ:B	3GER:A	0.985074626866
4FEJ:B	5C7W:C	0.955223880597
4FEJ:B	2EET:A	0.955223880597
4FEJ:B	3G4M:A	0.985074626866
4FEJ:B	1Y27:X	0.955882352941
4FEJ:B	2EEU:A	0.955223880597
4FEJ:B	2EEV:A	0.955223880597
4FEJ:B	3FO4:A	0.955882352941
4FEJ:B	4FE5:B	0.985074626866
4FEJ:B	2XNW:A	0.970149253731
4FEJ:B	2XO1:A	0.955223880597
4FEJ:B	5C7U:B	0.985074626866
4FEJ:B	3GOT:A	0.970149253731
4FEJ:B	2B57:A	0.940298507463
4FEJ:B	4FEP:B	0.955223880597
3GES:A	1Y27:X	0.955882352941
3GES:A	2EEW:A	0.970149253731
3GES:A	3GER:A	0.985074626866
3GES:A	5C7W:C	0.955223880597
3GES:A	2EET:A	0.955223880597
3GES:A	3G4M:A	0.985074626866
3GES:A	2EEU:A	0.955223880597

3GES:A	2EEV:A	0.955223880597
3GES:A	3FO4:A	0.985294117647
3GES:A	4FE5:B	0.985074626866
3GES:A	2XO1:A	0.985074626866
3GES:A	5C7U:B	0.985074626866
3GES:A	2B57:A	0.970149253731
3GES:A	4FEP:B	0.970149253731
2EEW:A	2G9C:A	0.970149253731
2EEW:A	3GER:A	0.985074626866
2EEW:A	5C7W:C	0.955223880597
2EEW:A	2EET:A	0.955223880597
2EEW:A	3G4M:A	0.985074626866
2EEW:A	1Y27:X	0.955882352941
2EEW:A	2EEU:A	0.955223880597
2EEW:A	2EEV:A	0.955223880597
2EEW:A	3FO4:A	0.955882352941
2EEW:A	4FE5:B	0.985074626866
2EEW:A	2XNW:A	0.970149253731
2EEW:A	2XO1:A	0.955223880597
2EEW:A	5C7U:B	0.985074626866
2EEW:A	3GOT:A	0.970149253731
2EEW:A	2B57:A	0.940298507463
2EEW:A	4FEP:B	0.940298507463
2G9C:A	1Y27:X	0.955882352941
2G9C:A	3GER:A	0.985074626866
2G9C:A	5C7W:C	0.955223880597
2G9C:A	2EET:A	0.955223880597
2G9C:A	3G4M:A	0.985074626866
2G9C:A	2EEU:A	0.955223880597
2G9C:A	2EEV:A	0.955223880597
2G9C:A	3FO4:A	0.985294117647
2G9C:A	4FE5:B	0.985074626866
2G9C:A	2XO1:A	0.985074626866
2G9C:A	5C7U:B	0.985074626866
2G9C:A	2B57:A	0.970149253731
2G9C:A	4FEP:B	0.970149253731
3GER:A	5C7W:C	0.970149253731
3GER:A	2EET:A	0.970149253731
3GER:A	1Y27:X	0.970588235294
3GER:A	2EEU:A	0.970149253731
3GER:A	2EEV:A	0.970149253731

3GER:A	3FO4:A	0.970588235294
3GER:A	2XNW:A	0.985074626866
3GER:A	2XO1:A	0.970149253731
3GER:A	3RKF:A	0.910447761194
3GER:A	3RKF:B	0.910447761194
3GER:A	3RKF:C	0.910447761194
3GER:A	3RKF:D	0.910447761194
3GER:A	3GOT:A	0.985074626866
3GER:A	2B57:A	0.955223880597
3GER:A	4FEP:B	0.955223880597
5C7W:C	2EET:A	0.940298507463
5C7W:C	3G4M:A	0.970149253731
5C7W:C	1Y27:X	0.941176470588
5C7W:C	2EEU:A	0.940298507463
5C7W:C	2EEV:A	0.940298507463
5C7W:C	3FO4:A	0.941176470588
5C7W:C	4FE5:B	0.970149253731
5C7W:C	2XNW:A	0.955223880597
5C7W:C	2XO1:A	0.940298507463
5C7W:C	5C7U:B	0.970149253731
5C7W:C	3GOT:A	0.955223880597
5C7W:C	2B57:A	0.925373134328
5C7W:C	4FEP:B	0.925373134328
2EET:A	3G4M:A	0.970149253731
2EET:A	1Y27:X	0.941176470588
2EET:A	2EEU:A	0.940298507463
2EET:A	2EEV:A	0.940298507463
2EET:A	3FO4:A	0.941176470588
2EET:A	4FE5:B	0.970149253731
2EET:A	2XNW:A	0.955223880597
2EET:A	2XO1:A	0.940298507463
2EET:A	5C7U:B	0.970149253731
2EET:A	3GOT:A	0.955223880597
2EET:A	2B57:A	0.925373134328
2EET:A	4FEP:B	0.925373134328
3G4M:A	1Y27:X	0.970588235294
3G4M:A	2EEU:A	0.970149253731
3G4M:A	2EEV:A	0.970149253731
3G4M:A	3FO4:A	0.970588235294
3G4M:A	2XNW:A	0.985074626866
3G4M:A	2XO1:A	0.970149253731

3G4M:A	3RKF:A	0.910447761194
3G4M:A	3RKF:B	0.910447761194
3G4M:A	3RKF:C	0.910447761194
3G4M:A	3RKF:D	0.910447761194
3G4M:A	3GOT:A	0.985074626866
3G4M:A	2B57:A	0.955223880597
3G4M:A	4FEP:B	0.955223880597
1Y27:X	2EEU:A	0.941176470588
1Y27:X	2EEV:A	0.941176470588
1Y27:X	3FO4:A	0.942028985507
1Y27:X	4FE5:B	0.970588235294
1Y27:X	2XNW:A	0.955882352941
1Y27:X	2XO1:A	0.941176470588
1Y27:X	5C7U:B	0.970588235294
1Y27:X	3RKF:A	0.911764705882
1Y27:X	3RKF:B	0.911764705882
1Y27:X	3RKF:C	0.911764705882
1Y27:X	3RKF:D	0.911764705882
1Y27:X	3GOT:A	0.955882352941
1Y27:X	2B57:A	0.941176470588
1Y27:X	4FEP:B	0.926470588235
2EEU:A	2EEV:A	0.970149253731
2EEU:A	3FO4:A	0.941176470588
2EEU:A	4FE5:B	0.970149253731
2EEU:A	2XNW:A	0.955223880597
2EEU:A	2XO1:A	0.940298507463
2EEU:A	5C7U:B	0.970149253731
2EEU:A	3GOT:A	0.955223880597
2EEU:A	2B57:A	0.925373134328
2EEU:A	4FEP:B	0.925373134328
2EEV:A	3FO4:A	0.941176470588
2EEV:A	4FE5:B	0.970149253731
2EEV:A	2XNW:A	0.955223880597
2EEV:A	2XO1:A	0.940298507463
2EEV:A	5C7U:B	0.970149253731
2EEV:A	3GOT:A	0.955223880597
2EEV:A	2B57:A	0.925373134328
2EEV:A	4FEP:B	0.925373134328
3FO4:A	4FE5:B	0.970588235294
3FO4:A	2XNW:A	0.985294117647
3FO4:A	2XO1:A	0.970588235294

3FO4:A	5C7U:B	0.970588235294
3FO4:A	3GOT:A	0.985294117647
3FO4:A	2B57:A	0.955882352941
3FO4:A	4FEP:B	0.955882352941
4FE5:B	2XNW:A	0.985074626866
4FE5:B	2XO1:A	0.970149253731
4FE5:B	3RKF:A	0.910447761194
4FE5:B	3RKF:B	0.910447761194
4FE5:B	3RKF:C	0.910447761194
4FE5:B	3RKF:D	0.910447761194
4FE5:B	3GOT:A	0.985074626866
4FE5:B	2B57:A	0.955223880597
4FE5:B	4FEP:B	0.955223880597
2XNW:A	2XO1:A	0.985074626866
2XNW:A	5C7U:B	0.985074626866
2XNW:A	2B57:A	0.970149253731
2XNW:A	4FEP:B	0.970149253731
2XO1:A	5C7U:B	0.970149253731
2XO1:A	3GOT:A	0.985074626866
2XO1:A	2B57:A	0.970149253731
2XO1:A	4FEP:B	0.955223880597
5C7U:B	3RKF:A	0.910447761194
5C7U:B	3RKF:B	0.910447761194
5C7U:B	3RKF:C	0.910447761194
5C7U:B	3RKF:D	0.910447761194
5C7U:B	3GOT:A	0.985074626866
5C7U:B	2B57:A	0.955223880597
5C7U:B	4FEP:B	0.955223880597
3GOT:A	2B57:A	0.970149253731
3GOT:A	4FEP:B	0.970149253731
2B57:A	4FEP:B	0.940298507463
subgraph 14 has 16 nodes		
2NPZ:B	1ZFX:B	0.916666666667
2NPZ:B	2BCY:B	0.916666666667
2NPZ:B	4G6R:B	0.916666666667
2NPZ:B	1ZFV:B	0.916666666667
2NPZ:B	2BCZ:B	0.916666666667
2NPZ:B	1ZFT:B	0.916666666667
1ZFX:B	3GS8:B	0.916666666667
1ZFX:B	2BCZ:B	0.916666666667
1ZFX:B	2BCY:B	0.916666666667

1ZFX:B	2P7F:B	0.916666666667
1ZFX:B	3GS1:B	0.916666666667
1ZFX:B	4G6R:B	0.916666666667
1ZFX:B	2D2L:B	0.916666666667
1ZFX:B	2FGP:B	0.916666666667
1ZFX:B	1ZFV:B	0.916666666667
1ZFX:B	2OUE:B	0.916666666667
1ZFX:B	1X9C:B	0.916666666667
1ZFX:B	2D2K:B	0.916666666667
1ZFX:B	1ZFT:B	0.916666666667
1ZFX:B	2NPY:B	0.916666666667
3GS8:B	2BCY:B	0.916666666667
3GS8:B	4G6R:B	0.916666666667
3GS8:B	1ZFV:B	0.916666666667
3GS8:B	2BCZ:B	0.916666666667
3GS8:B	1ZFT:B	0.916666666667
2BCZ:B	2BCY:B	0.916666666667
2BCZ:B	2P7F:B	0.916666666667
2BCZ:B	3GS1:B	0.916666666667
2BCZ:B	2D2K:B	0.916666666667
2BCZ:B	2D2L:B	0.916666666667
2BCZ:B	2FGP:B	0.916666666667
2BCZ:B	1ZFV:B	0.916666666667
2BCZ:B	2OUE:B	0.916666666667
2BCZ:B	1X9C:B	0.916666666667
2BCZ:B	2NPY:B	0.916666666667
2BCY:B	2P7F:B	0.916666666667
2BCY:B	3GS1:B	0.916666666667
2BCY:B	4G6R:B	0.916666666667
2BCY:B	2D2L:B	0.916666666667
2BCY:B	2FGP:B	0.916666666667
2BCY:B	2OUE:B	0.916666666667
2BCY:B	1X9C:B	0.916666666667
2BCY:B	2D2K:B	0.916666666667
2BCY:B	1ZFT:B	0.916666666667
2BCY:B	2NPY:B	0.916666666667
2P7F:B	4G6R:B	0.916666666667
2P7F:B	1ZFV:B	0.916666666667
2P7F:B	1ZFT:B	0.916666666667
3GS1:B	4G6R:B	0.916666666667
3GS1:B	1ZFV:B	0.916666666667

3GS1:B	1ZFT:B	0.916666666667
4G6R:B	2D2K:B	0.916666666667
4G6R:B	2D2L:B	0.916666666667
4G6R:B	2FGP:B	0.916666666667
4G6R:B	1ZFV:B	0.916666666667
4G6R:B	2OUE:B	0.916666666667
4G6R:B	1X9C:B	0.916666666667
4G6R:B	2NPY:B	0.916666666667
2D2L:B	1ZFV:B	0.916666666667
2D2L:B	1ZFT:B	0.916666666667
2FGP:B	1ZFV:B	0.916666666667
2FGP:B	1ZFT:B	0.916666666667
1ZFV:B	2OUE:B	0.916666666667
1ZFV:B	1X9C:B	0.916666666667
1ZFV:B	2D2K:B	0.916666666667
1ZFV:B	1ZFT:B	0.916666666667
1ZFV:B	2NPY:B	0.916666666667
2OUE:B	1ZFT:B	0.916666666667
1X9C:B	1ZFT:B	0.916666666667
2D2K:B	1ZFT:B	0.916666666667
1ZFT:B	2NPY:B	0.916666666667
subgraph 15 has 26 nodes		
3BBK:A	3GS1:A	0.928571428571
3BBK:A	2NPY:A	0.923076923077
3BBK:A	3GS8:A	0.928571428571
2P7F:A	3GS1:A	0.928571428571
2P7F:A	2NPY:A	0.923076923077
2P7F:A	3GS8:A	0.928571428571
3B5F:A	3GS1:A	0.928571428571
3B5F:A	2NPY:A	0.923076923077
3B5F:A	3GS8:A	0.928571428571
3B58:A	3GS1:A	0.928571428571
3B58:A	2NPY:A	0.923076923077
3B58:A	3GS8:A	0.928571428571
2NPY:A	1ZFT:A	0.923076923077
2NPY:A	4G6S:A	0.923076923077
2NPY:A	2NPZ:A	0.923076923077
2NPY:A	2FGP:A	0.923076923077
2NPY:A	2BCZ:A	0.923076923077
2NPY:A	1ZFV:A	0.923076923077
2NPY:A	4G6P:A	0.923076923077

2NPY:A	1ZFX:A	0.923076923077
2NPY:A	2BCY:A	0.923076923077
2NPY:A	2D2K:A	0.923076923077
2NPY:A	3B5S:A	0.923076923077
2NPY:A	1X9C:A	0.923076923077
2NPY:A	3B91:A	0.923076923077
2NPY:A	2D2L:A	0.923076923077
2NPY:A	3B5A:A	0.923076923077
2NPY:A	2OUE:A	0.923076923077
2NPY:A	3BBM:A	0.923076923077
2NPY:A	3BBI:A	0.923076923077
2NPY:A	4G6R:A	0.923076923077
1ZFT:A	3GS1:A	0.928571428571
1ZFT:A	3GS8:A	0.928571428571
4G6S:A	3GS1:A	0.928571428571
4G6S:A	3GS8:A	0.928571428571
2NPZ:A	3GS1:A	0.928571428571
2NPZ:A	3GS8:A	0.928571428571
2FGP:A	3GS1:A	0.928571428571
2FGP:A	3GS8:A	0.928571428571
2BCZ:A	3GS1:A	0.928571428571
2BCZ:A	3GS8:A	0.928571428571
1ZFV:A	3GS1:A	0.928571428571
1ZFV:A	3GS8:A	0.928571428571
4G6P:A	3GS1:A	0.928571428571
4G6P:A	3GS8:A	0.928571428571
1ZFX:A	3GS1:A	0.928571428571
1ZFX:A	3GS8:A	0.928571428571
2BCY:A	3GS1:A	0.928571428571
2BCY:A	3GS8:A	0.928571428571
2D2K:A	3GS1:A	0.928571428571
2D2K:A	3GS8:A	0.928571428571
3GS1:A	3B5S:A	0.928571428571
3GS1:A	1X9C:A	0.928571428571
3GS1:A	3B91:A	0.928571428571
3GS1:A	2D2L:A	0.928571428571
3GS1:A	3B5A:A	0.928571428571
3GS1:A	2OUE:A	0.928571428571
3GS1:A	3BBM:A	0.928571428571
3GS1:A	3BBI:A	0.928571428571
3GS1:A	4G6R:A	0.928571428571

3B5S:A	3GS8:A	0.928571428571
1X9C:A	3GS8:A	0.928571428571
3B91:A	3GS8:A	0.928571428571
2D2L:A	3GS8:A	0.928571428571
3B5A:A	3GS8:A	0.928571428571
2OUE:A	3GS8:A	0.928571428571
3BBM:A	3GS8:A	0.928571428571
3BBI:A	3GS8:A	0.928571428571
4G6R:A	3GS8:A	0.928571428571
subgraph 16 has 2 nodes		
2JXV:A	2KPV:A	0.911764705882
subgraph 17 has 14 nodes		
2O3V:B	4K32:A	0.95652173913
2O3V:B	4K32:B	0.95652173913
2O3V:B	4K31:C	0.95652173913
2O3V:B	4K31:B	0.95652173913
2O3V:A	4K32:A	0.95652173913
2O3V:A	4K32:B	0.95652173913
2O3V:A	4K31:C	0.95652173913
2O3V:A	4K31:B	0.95652173913
4K31:C	2FQN:A	0.95652173913
4K31:C	2O3W:B	0.95652173913
4K31:C	2O3W:A	0.95652173913
4K31:C	2FQN:B	0.95652173913
4K31:C	2G5K:A	0.95652173913
4K31:C	2G5K:B	0.95652173913
4K31:C	2O3Y:A	0.95652173913
4K31:C	2O3Y:B	0.95652173913
4K31:B	2FQN:A	0.95652173913
4K31:B	2O3W:B	0.95652173913
4K31:B	2O3W:A	0.95652173913
4K31:B	2FQN:B	0.95652173913
4K31:B	2G5K:A	0.95652173913
4K31:B	2G5K:B	0.95652173913
4K31:B	2O3Y:A	0.95652173913
4K31:B	2O3Y:B	0.95652173913
2FQN:A	4K32:A	0.95652173913
2FQN:A	4K32:B	0.95652173913
2O3W:B	4K32:A	0.95652173913
2O3W:B	4K32:B	0.95652173913
2O3W:A	4K32:A	0.95652173913

2O3W:A	4K32:B	0.95652173913
2FQN:B	4K32:A	0.95652173913
2FQN:B	4K32:B	0.95652173913
2G5K:A	4K32:A	0.95652173913
2G5K:A	4K32:B	0.95652173913
2G5K:B	4K32:A	0.95652173913
2G5K:B	4K32:B	0.95652173913
4K32:A	2O3Y:A	0.95652173913
4K32:A	2O3Y:B	0.95652173913
4K32:B	2O3Y:A	0.95652173913
4K32:B	2O3Y:B	0.95652173913
subgraph 18 has 7 nodes		
3SD3:A	4LVZ:A	0.988764044944
3SD3:A	4LVV:A	0.988764044944
3SD3:A	4LVX:A	0.988764044944
3SD3:A	4LVW:A	0.988764044944
3SD3:A	4LVY:A	0.988764044944
3SD3:A	4LW0:A	0.988764044944
subgraph 19 has 19 nodes		
1Z03:B	1QZA:B	0.986842105263
1Z03:B	2Z9Q:A	0.986842105263
1Z03:A	1QZA:B	0.986842105263
1Z03:A	2Z9Q:A	0.986842105263
1EVV:A	1QZA:B	0.986842105263
1EVV:A	2Z9Q:A	0.986842105263
1EHZ:A	1QZA:B	0.986842105263
1EHZ:A	2Z9Q:A	0.986842105263
1TN1:A	1QZA:B	0.986842105263
1TN1:A	2Z9Q:A	0.986842105263
1QZA:B	1QZB:B	0.986842105263
1QZA:B	1I9V:A	0.986842105263
1QZA:B	4TNA:A	0.986842105263
1QZA:B	4TRA:A	0.986842105263
1QZA:B	1TRA:A	0.986842105263
1QZA:B	6TNA:A	0.986842105263
1QZA:B	1FCW:A	0.986842105263
1QZA:B	1FCW:E	0.986842105263
1QZA:B	1FCW:D	0.986842105263
1QZA:B	1FCW:C	0.986842105263
1QZA:B	1FCW:B	0.986842105263
1QZA:B	1TN2:A	0.986842105263

1QZA:B	2Z9Q:A	0.973684210526
1QZB:B	2Z9Q:A	0.986842105263
1I9V:A	2Z9Q:A	0.986842105263
4TNA:A	2Z9Q:A	0.986842105263
4TRA:A	2Z9Q:A	0.986842105263
1TRA:A	2Z9Q:A	0.986842105263
6TNA:A	2Z9Q:A	0.986842105263
1FCW:A	2Z9Q:A	0.986842105263
1FCW:E	2Z9Q:A	0.986842105263
1FCW:D	2Z9Q:A	0.986842105263
1FCW:C	2Z9Q:A	0.986842105263
1FCW:B	2Z9Q:A	0.986842105263
1TN2:A	2Z9Q:A	0.986842105263
subgraph 20 has 10 nodes		
1AKX:A	1QD3:A	0.933333333333
1AKX:A	2L8H:A	0.933333333333
1AKX:A	1UUI:B	0.933333333333
1AKX:A	1UTS:B	0.933333333333
1AKX:A	1ARJ:N	0.933333333333
1AKX:A	1LVJ:A	0.967741935484
1AKX:A	1ANR:A	0.933333333333
1AKX:A	1UUD:B	0.933333333333
1QD3:A	1AJU:A	0.933333333333
1QD3:A	1LVJ:A	0.903225806452
2L8H:A	1AJU:A	0.933333333333
2L8H:A	1LVJ:A	0.935483870968
1AJU:A	1UUI:B	0.933333333333
1AJU:A	1UTS:B	0.933333333333
1AJU:A	1ARJ:N	0.933333333333
1AJU:A	1LVJ:A	0.967741935484
1AJU:A	1ANR:A	0.933333333333
1AJU:A	1UUD:B	0.933333333333
1UUI:B	1LVJ:A	0.935483870968
1UTS:B	1LVJ:A	0.935483870968
1ARJ:N	1LVJ:A	0.935483870968
1LVJ:A	1ANR:A	0.935483870968
1LVJ:A	1UUD:B	0.935483870968
subgraph 21 has 10 nodes		
4E8Q:A	4FAW:A	0.997461928934
4E8Q:A	4FB0:A	0.964376590331

4E8Q:A	4E8M:A	0.997461928934
4E8V:A	4FAW:A	0.997461928934
4E8V:A	4FB0:A	0.964376590331
4E8V:A	4E8M:A	0.997461928934
4E8K:A	4FAW:A	0.997461928934
4E8K:A	4FB0:A	0.964376590331
4E8K:A	4E8M:A	0.997461928934
4E8P:A	4FAW:A	0.997461928934
4E8P:A	4FB0:A	0.964376590331
4E8P:A	4E8M:A	0.997461928934
4E8T:A	4FAW:A	0.997461928934
4E8T:A	4FB0:A	0.964376590331
4E8T:A	4E8M:A	0.997461928934
4FB0:A	4E8M:A	0.96192893401
4FB0:A	4E8R:A	0.964376590331
4FB0:A	4E8N:A	0.964376590331
4FB0:A	4FAW:A	0.96192893401
4E8R:A	4FAW:A	0.997461928934
4E8R:A	4E8M:A	0.997461928934
4E8N:A	4FAW:A	0.997461928934
4E8N:A	4E8M:A	0.997461928934
subgraph 22 has 3 nodes		
1T0E:C	1T0D:D	0.941176470588
1T0E:C	1T0D:B	0.941176470588
subgraph 23 has 3 nodes		
1KAJ:A	1KPD:A	0.96875
1KAJ:A	1RNK:A	0.911764705882
1KPD:A	1RNK:A	0.911764705882
subgraph 24 has 12 nodes		
379D:A	1Q29:A	0.941176470588
488D:A	1Q29:A	0.941176470588
3D0M:X	1Q29:A	0.941176470588
1MME:A	1Q29:A	0.941176470588
1MME:C	1Q29:A	0.941176470588
359D:A	1Q29:A	0.941176470588
3CZW:X	1Q29:A	0.941176470588
299D:A	1Q29:A	0.941176470588
1Q29:A	300D:A	0.941176470588
1Q29:A	301D:A	0.941176470588
1Q29:A	1NYI:A	0.941176470588
subgraph 25 has 10		

nodes		
1Q29:B	379D:B	0.96
1Q29:B	1MME:B	0.96
1Q29:B	1MME:D	0.96
1Q29:B	359D:B	0.96
1Q29:B	299D:B	0.96
1Q29:B	488D:D	0.96
1Q29:B	301D:B	0.96
1Q29:B	300D:B	0.96
379D:B	1NYI:B	0.96
1MME:B	1NYI:B	0.96
1MME:D	1NYI:B	0.96
359D:B	1NYI:B	0.96
299D:B	1NYI:B	0.96
488D:D	1NYI:B	0.96
301D:B	1NYI:B	0.96
300D:B	1NYI:B	0.96
subgraph 26 has 7 nodes		
1NC0:A	1LC6:A	0.958333333333
1NC0:A	1SY4:A	0.958333333333
1NC0:A	1NZ1:A	0.958333333333
1NC0:A	1SYZ:A	0.958333333333
1NC0:A	2KEZ:A	0.958333333333
1NC0:A	2KF0:A	0.958333333333
subgraph 27 has 4 nodes		
1D4R:A	1L1W:A	0.965517241379
1L1W:A	1D4R:C	0.965517241379
1L1W:A	1D4R:B	0.965517241379
subgraph 28 has 14 nodes		
2HOP:A	2GDI:X	0.951807228916
2HOP:A	2GDI:Y	0.951807228916
2HOP:A	4NYA:B	0.951807228916
2HOP:A	4NYA:A	0.951807228916
2HOM:A	2GDI:X	0.951807228916
2HOM:A	2GDI:Y	0.951807228916
2HOM:A	4NYA:B	0.951807228916
2HOM:A	4NYA:A	0.951807228916
2GDI:X	4NYD:A	0.951807228916
2GDI:X	2HOJ:A	0.951807228916
2GDI:X	4NYG:A	0.951807228916
2GDI:X	4NYB:A	0.951807228916

2GDI:X	2HOL:A	0.951807228916
2GDI:X	2HOK:A	0.951807228916
2GDI:X	4NYC:A	0.951807228916
2GDI:X	2HOO:A	0.951807228916
2GDI:Y	4NYD:A	0.951807228916
2GDI:Y	2HOJ:A	0.951807228916
2GDI:Y	4NYG:A	0.951807228916
2GDI:Y	4NYB:A	0.951807228916
2GDI:Y	2HOL:A	0.951807228916
2GDI:Y	2HOK:A	0.951807228916
2GDI:Y	4NYC:A	0.951807228916
2GDI:Y	2HOO:A	0.951807228916
2HOJ:A	4NYA:B	0.951807228916
2HOJ:A	4NYA:A	0.951807228916
4NYG:A	4NYA:B	0.951807228916
4NYG:A	4NYA:A	0.951807228916
4NYB:A	4NYA:B	0.951807228916
4NYB:A	4NYA:A	0.951807228916
2HOL:A	4NYA:B	0.951807228916
2HOL:A	4NYA:A	0.951807228916
2HOK:A	4NYA:B	0.951807228916
2HOK:A	4NYA:A	0.951807228916
4NYC:A	4NYA:B	0.951807228916
4NYC:A	4NYA:A	0.951807228916
2HOO:A	4NYA:B	0.951807228916
2HOO:A	4NYA:A	0.951807228916
4NYD:A	4NYA:B	0.951807228916
4NYD:A	4NYA:A	0.951807228916
subgraph 29 has 3 nodes		
1MFY:A	2LWK:A	0.9375
1MFY:A	1JO7:A	0.967741935484
2LWK:A	1JO7:A	0.96875
subgraph 30 has 2 nodes		
2LP9:A	2LPA:A	0.9375
subgraph 31 has 4 nodes		
3FU2:B	3K1V:A	0.970588235294
3FU2:C	3K1V:A	0.970588235294
3FU2:A	3K1V:A	0.970588235294
subgraph 32 has 3 nodes		
2K95:A	2K96:A	0.979166666667
2K95:A	1YMO:A	0.979166666667

subgraph 33 has 56 nodes		
1XP7:A	1Y99:A	0.95652173913
1XP7:A	1Y99:B	0.95652173913
1XP7:A	1Y73:A	0.95652173913
1XP7:A	1Y73:B	0.95652173913
1XP7:A	1XPF:A	0.95652173913
1XP7:A	462D:A	0.95652173913
1XP7:A	462D:B	0.95652173913
1XP7:A	1XPF:B	0.95652173913
1XP7:A	1Y90:A	0.95652173913
1XP7:A	1Y90:B	0.95652173913
1XP7:A	1NLC:B	0.95652173913
1XP7:A	1O3Z:B	0.95652173913
1XP7:A	1O3Z:A	0.95652173913
1XP7:A	1NLC:A	0.95652173913
1XP7:A	1WVD:B	0.95652173913
1XP7:A	1Y95:A	0.95652173913
1XP7:A	1Y95:B	0.95652173913
1XP7:A	1WVD:A	0.95652173913
1XP7:A	2B8S:B	0.95652173913
1XP7:A	2B8S:A	0.95652173913
1XP7:A	1Y6S:B	0.95652173913
1XP7:A	1Y6S:A	0.95652173913
1XP7:A	1Y6T:A	0.95652173913
1XP7:A	1Y6T:B	0.95652173913
1XP7:B	1Y99:A	0.95652173913
1XP7:B	1Y99:B	0.95652173913
1XP7:B	1Y73:A	0.95652173913
1XP7:B	1Y73:B	0.95652173913
1XP7:B	1XPF:A	0.95652173913
1XP7:B	462D:A	0.95652173913
1XP7:B	462D:B	0.95652173913
1XP7:B	1XPF:B	0.95652173913
1XP7:B	1Y90:A	0.95652173913
1XP7:B	1Y90:B	0.95652173913
1XP7:B	1NLC:B	0.95652173913
1XP7:B	1O3Z:B	0.95652173913
1XP7:B	1O3Z:A	0.95652173913
1XP7:B	1NLC:A	0.95652173913
1XP7:B	1WVD:B	0.95652173913
1XP7:B	1Y95:A	0.95652173913

1XP7:B	1Y95:B	0.95652173913
1XP7:B	1WVD:A	0.95652173913
1XP7:B	2B8S:B	0.95652173913
1XP7:B	2B8S:A	0.95652173913
1XP7:B	1Y6S:B	0.95652173913
1XP7:B	1Y6S:A	0.95652173913
1XP7:B	1Y6T:A	0.95652173913
1XP7:B	1Y6T:B	0.95652173913
1Y6T:A	3DVV:A	0.95652173913
1Y6T:A	1ZCI:A	0.95652173913
1Y6T:A	3DVV:B	0.95652173913
1Y6T:A	2FCX:B	0.95652173913
1Y6T:A	1K9W:D	0.913043478261
1Y6T:A	1Y3O:A	0.95652173913
1Y6T:A	1Y3O:B	0.95652173913
1Y6T:A	3C44:A	0.95652173913
1Y6T:A	1K9W:A	0.913043478261
1Y6T:A	1K9W:B	0.913043478261
1Y6T:A	1K9W:C	0.913043478261
1Y6T:A	1Y3S:A	0.95652173913
1Y6T:A	1Y3S:B	0.95652173913
1Y6T:A	3C44:B	0.95652173913
1Y6T:A	2FCZ:D	0.95652173913
1Y6T:A	2FCZ:C	0.95652173913
1Y6T:A	2FCZ:B	0.95652173913
1Y6T:A	2FCZ:A	0.95652173913
1Y6T:A	2QEK:B	0.95652173913
1Y6T:A	2QEK:A	0.95652173913
1Y6T:A	2FCY:A	0.95652173913
1Y6T:A	2FCY:B	0.95652173913
1Y6T:A	2FCX:A	0.95652173913
1Y6T:A	1ZCI:C	0.95652173913
1Y6T:A	1ZCI:B	0.95652173913
1Y6T:A	1YXP:B	0.95652173913
1Y6T:A	1YXP:A	0.95652173913
1Y6T:A	1ZCI:D	0.95652173913
1Y6T:A	2FD0:A	0.95652173913
1Y6T:A	2FD0:B	0.95652173913
3DVV:A	1Y99:A	0.95652173913
3DVV:A	1Y99:B	0.95652173913
3DVV:A	1Y73:A	0.95652173913

3DVV:A	1Y73:B	0.95652173913
3DVV:A	1XPF:A	0.95652173913
3DVV:A	462D:A	0.95652173913
3DVV:A	462D:B	0.95652173913
3DVV:A	1XPF:B	0.95652173913
3DVV:A	1Y90:A	0.95652173913
3DVV:A	1Y90:B	0.95652173913
3DVV:A	1NLC:B	0.95652173913
3DVV:A	1O3Z:B	0.95652173913
3DVV:A	1O3Z:A	0.95652173913
3DVV:A	1NLC:A	0.95652173913
3DVV:A	1WVD:B	0.95652173913
3DVV:A	1Y95:A	0.95652173913
3DVV:A	1Y95:B	0.95652173913
3DVV:A	1WVD:A	0.95652173913
3DVV:A	2B8S:B	0.95652173913
3DVV:A	2B8S:A	0.95652173913
3DVV:A	1Y6S:B	0.95652173913
3DVV:A	1Y6S:A	0.95652173913
3DVV:A	1Y6T:B	0.95652173913
1ZCI:A	1Y99:A	0.95652173913
1ZCI:A	1Y99:B	0.95652173913
1ZCI:A	1Y73:A	0.95652173913
1ZCI:A	1Y73:B	0.95652173913
1ZCI:A	1XPF:A	0.95652173913
1ZCI:A	462D:A	0.95652173913
1ZCI:A	462D:B	0.95652173913
1ZCI:A	1XPF:B	0.95652173913
1ZCI:A	1Y90:A	0.95652173913
1ZCI:A	1Y90:B	0.95652173913
1ZCI:A	1NLC:B	0.95652173913
1ZCI:A	1O3Z:B	0.95652173913
1ZCI:A	1O3Z:A	0.95652173913
1ZCI:A	1NLC:A	0.95652173913
1ZCI:A	1WVD:B	0.95652173913
1ZCI:A	1Y95:A	0.95652173913
1ZCI:A	1Y95:B	0.95652173913
1ZCI:A	1WVD:A	0.95652173913
1ZCI:A	2B8S:B	0.95652173913
1ZCI:A	2B8S:A	0.95652173913
1ZCI:A	1Y6S:B	0.95652173913

1ZCI:A	1Y6S:A	0.95652173913
1ZCI:A	1Y6T:B	0.95652173913
3DVV:B	1Y99:A	0.95652173913
3DVV:B	1Y99:B	0.95652173913
3DVV:B	1Y73:A	0.95652173913
3DVV:B	1Y73:B	0.95652173913
3DVV:B	1XPF:A	0.95652173913
3DVV:B	462D:A	0.95652173913
3DVV:B	462D:B	0.95652173913
3DVV:B	1XPF:B	0.95652173913
3DVV:B	1Y90:A	0.95652173913
3DVV:B	1Y90:B	0.95652173913
3DVV:B	1NLC:B	0.95652173913
3DVV:B	1O3Z:B	0.95652173913
3DVV:B	1O3Z:A	0.95652173913
3DVV:B	1NLC:A	0.95652173913
3DVV:B	1WVD:B	0.95652173913
3DVV:B	1Y95:A	0.95652173913
3DVV:B	1Y95:B	0.95652173913
3DVV:B	1WVD:A	0.95652173913
3DVV:B	2B8S:B	0.95652173913
3DVV:B	2B8S:A	0.95652173913
3DVV:B	1Y6S:B	0.95652173913
3DVV:B	1Y6S:A	0.95652173913
3DVV:B	1Y6T:B	0.95652173913
1Y95:B	1ZCI:B	0.95652173913
1Y95:B	1K9W:D	0.913043478261
1Y95:B	1Y3O:A	0.95652173913
1Y95:B	1Y3O:B	0.95652173913
1Y95:B	3C44:A	0.95652173913
1Y95:B	1K9W:A	0.913043478261
1Y95:B	1K9W:B	0.913043478261
1Y95:B	1K9W:C	0.913043478261
1Y95:B	1Y3S:A	0.95652173913
1Y95:B	1Y3S:B	0.95652173913
1Y95:B	3C44:B	0.95652173913
1Y95:B	2FCZ:D	0.95652173913
1Y95:B	2FCZ:C	0.95652173913
1Y95:B	2FCZ:B	0.95652173913
1Y95:B	2FCZ:A	0.95652173913
1Y95:B	2QEK:B	0.95652173913

1Y95:B	2QEK:A	0.95652173913
1Y95:B	1ZCI:D	0.95652173913
1Y95:B	2FCY:B	0.95652173913
1Y95:B	2FCX:A	0.95652173913
1Y95:B	1ZCI:C	0.95652173913
1Y95:B	2FCX:B	0.95652173913
1Y95:B	1YXP:B	0.95652173913
1Y95:B	1YXP:A	0.95652173913
1Y95:B	2FCY:A	0.95652173913
1Y95:B	2FD0:A	0.95652173913
1Y95:B	2FD0:B	0.95652173913
1Y90:A	2FCX:B	0.95652173913
1Y90:A	1K9W:D	0.913043478261
1Y90:A	1Y30:A	0.95652173913
1Y90:A	1Y30:B	0.95652173913
1Y90:A	3C44:A	0.95652173913
1Y90:A	1K9W:A	0.913043478261
1Y90:A	1K9W:B	0.913043478261
1Y90:A	1K9W:C	0.913043478261
1Y90:A	1Y3S:A	0.95652173913
1Y90:A	1Y3S:B	0.95652173913
1Y90:A	3C44:B	0.95652173913
1Y90:A	2FCZ:D	0.95652173913
1Y90:A	2FCZ:C	0.95652173913
1Y90:A	2FCZ:B	0.95652173913
1Y90:A	2FCZ:A	0.95652173913
1Y90:A	2QEK:B	0.95652173913
1Y90:A	2QEK:A	0.95652173913
1Y90:A	2FCY:A	0.95652173913
1Y90:A	2FCY:B	0.95652173913
1Y90:A	2FCX:A	0.95652173913
1Y90:A	1ZCI:C	0.95652173913
1Y90:A	1ZCI:B	0.95652173913
1Y90:A	1YXP:B	0.95652173913
1Y90:A	1YXP:A	0.95652173913
1Y90:A	1ZCI:D	0.95652173913
1Y90:A	2FD0:A	0.95652173913
1Y90:A	2FD0:B	0.95652173913
2FCX:B	1Y99:A	0.95652173913
2FCX:B	1Y99:B	0.95652173913
2FCX:B	1Y73:A	0.95652173913

2FCX:B	1Y73:B	0.95652173913
2FCX:B	1XPF:A	0.95652173913
2FCX:B	462D:A	0.95652173913
2FCX:B	462D:B	0.95652173913
2FCX:B	1XPF:B	0.95652173913
2FCX:B	1Y90:B	0.95652173913
2FCX:B	1NLC:B	0.95652173913
2FCX:B	1O3Z:B	0.95652173913
2FCX:B	1O3Z:A	0.95652173913
2FCX:B	1NLC:A	0.95652173913
2FCX:B	1WVD:B	0.95652173913
2FCX:B	1Y95:A	0.95652173913
2FCX:B	1WVD:A	0.95652173913
2FCX:B	2B8S:B	0.95652173913
2FCX:B	2B8S:A	0.95652173913
2FCX:B	1Y6S:B	0.95652173913
2FCX:B	1Y6S:A	0.95652173913
2FCX:B	1Y6T:B	0.95652173913
1Y99:A	1K9W:D	0.913043478261
1Y99:A	1Y3O:A	0.95652173913
1Y99:A	1Y3O:B	0.95652173913
1Y99:A	3C44:A	0.95652173913
1Y99:A	1K9W:A	0.913043478261
1Y99:A	1K9W:B	0.913043478261
1Y99:A	1K9W:C	0.913043478261
1Y99:A	1Y3S:A	0.95652173913
1Y99:A	1Y3S:B	0.95652173913
1Y99:A	3C44:B	0.95652173913
1Y99:A	2FCZ:D	0.95652173913
1Y99:A	2FCZ:C	0.95652173913
1Y99:A	2FCZ:B	0.95652173913
1Y99:A	2FCZ:A	0.95652173913
1Y99:A	2QEK:B	0.95652173913
1Y99:A	2QEK:A	0.95652173913
1Y99:A	2FCY:A	0.95652173913
1Y99:A	2FCY:B	0.95652173913
1Y99:A	2FCX:A	0.95652173913
1Y99:A	1ZCI:C	0.95652173913
1Y99:A	1ZCI:B	0.95652173913
1Y99:A	1YXP:B	0.95652173913
1Y99:A	1YXP:A	0.95652173913

1Y99:A	1ZCI:D	0.95652173913
1Y99:A	2FD0:A	0.95652173913
1Y99:A	2FD0:B	0.95652173913
1Y99:B	1K9W:D	0.913043478261
1Y99:B	1Y30:A	0.95652173913
1Y99:B	1Y30:B	0.95652173913
1Y99:B	3C44:A	0.95652173913
1Y99:B	1K9W:A	0.913043478261
1Y99:B	1K9W:B	0.913043478261
1Y99:B	1K9W:C	0.913043478261
1Y99:B	1Y3S:A	0.95652173913
1Y99:B	1Y3S:B	0.95652173913
1Y99:B	3C44:B	0.95652173913
1Y99:B	2FCZ:D	0.95652173913
1Y99:B	2FCZ:C	0.95652173913
1Y99:B	2FCZ:B	0.95652173913
1Y99:B	2FCZ:A	0.95652173913
1Y99:B	2QEK:B	0.95652173913
1Y99:B	2QEK:A	0.95652173913
1Y99:B	2FCY:A	0.95652173913
1Y99:B	2FCY:B	0.95652173913
1Y99:B	2FCX:A	0.95652173913
1Y99:B	1ZCI:C	0.95652173913
1Y99:B	1ZCI:B	0.95652173913
1Y99:B	1YXP:B	0.95652173913
1Y99:B	1YXP:A	0.95652173913
1Y99:B	1ZCI:D	0.95652173913
1Y99:B	2FD0:A	0.95652173913
1Y99:B	2FD0:B	0.95652173913
1K9W:D	1Y73:A	0.913043478261
1K9W:D	1Y73:B	0.913043478261
1K9W:D	1XPF:A	0.913043478261
1K9W:D	462D:A	0.913043478261
1K9W:D	462D:B	0.913043478261
1K9W:D	1XPF:B	0.913043478261
1K9W:D	1Y90:B	0.913043478261
1K9W:D	1NLC:B	0.913043478261
1K9W:D	1O3Z:B	0.913043478261
1K9W:D	1O3Z:A	0.913043478261
1K9W:D	1NLC:A	0.913043478261
1K9W:D	1WVD:B	0.913043478261

1K9W:D	1Y95:A	0.913043478261
1K9W:D	1WVD:A	0.913043478261
1K9W:D	2B8S:B	0.913043478261
1K9W:D	2B8S:A	0.913043478261
1K9W:D	1Y6S:B	0.913043478261
1K9W:D	1Y6S:A	0.913043478261
1K9W:D	1Y6T:B	0.913043478261
1Y73:A	1Y3O:A	0.95652173913
1Y73:A	1Y3O:B	0.95652173913
1Y73:A	3C44:A	0.95652173913
1Y73:A	1K9W:A	0.913043478261
1Y73:A	1K9W:B	0.913043478261
1Y73:A	1K9W:C	0.913043478261
1Y73:A	1Y3S:A	0.95652173913
1Y73:A	1Y3S:B	0.95652173913
1Y73:A	3C44:B	0.95652173913
1Y73:A	2FCZ:D	0.95652173913
1Y73:A	2FCZ:C	0.95652173913
1Y73:A	2FCZ:B	0.95652173913
1Y73:A	2FCZ:A	0.95652173913
1Y73:A	2QEK:B	0.95652173913
1Y73:A	2QEK:A	0.95652173913
1Y73:A	2FCY:A	0.95652173913
1Y73:A	2FCY:B	0.95652173913
1Y73:A	2FCX:A	0.95652173913
1Y73:A	1ZCI:C	0.95652173913
1Y73:A	1ZCI:B	0.95652173913
1Y73:A	1YXP:B	0.95652173913
1Y73:A	1YXP:A	0.95652173913
1Y73:A	1ZCI:D	0.95652173913
1Y73:A	2FD0:A	0.95652173913
1Y73:A	2FD0:B	0.95652173913
1Y73:B	1Y3O:A	0.95652173913
1Y73:B	1Y3O:B	0.95652173913
1Y73:B	3C44:A	0.95652173913
1Y73:B	1K9W:A	0.913043478261
1Y73:B	1K9W:B	0.913043478261
1Y73:B	1K9W:C	0.913043478261
1Y73:B	1Y3S:A	0.95652173913
1Y73:B	1Y3S:B	0.95652173913
1Y73:B	3C44:B	0.95652173913

1Y73:B	2FCZ:D	0.95652173913
1Y73:B	2FCZ:C	0.95652173913
1Y73:B	2FCZ:B	0.95652173913
1Y73:B	2FCZ:A	0.95652173913
1Y73:B	2QEK:B	0.95652173913
1Y73:B	2QEK:A	0.95652173913
1Y73:B	2FCY:A	0.95652173913
1Y73:B	2FCY:B	0.95652173913
1Y73:B	2FCX:A	0.95652173913
1Y73:B	1ZCI:C	0.95652173913
1Y73:B	1ZCI:B	0.95652173913
1Y73:B	1YXP:B	0.95652173913
1Y73:B	1YXP:A	0.95652173913
1Y73:B	1ZCI:D	0.95652173913
1Y73:B	2FD0:A	0.95652173913
1Y73:B	2FD0:B	0.95652173913
1Y90:B	1Y30:A	0.95652173913
1Y90:B	1Y30:B	0.95652173913
1Y90:B	3C44:A	0.95652173913
1Y90:B	1K9W:A	0.913043478261
1Y90:B	1K9W:B	0.913043478261
1Y90:B	1K9W:C	0.913043478261
1Y90:B	1Y3S:A	0.95652173913
1Y90:B	1Y3S:B	0.95652173913
1Y90:B	3C44:B	0.95652173913
1Y90:B	2FCZ:D	0.95652173913
1Y90:B	2FCZ:C	0.95652173913
1Y90:B	2FCZ:B	0.95652173913
1Y90:B	2FCZ:A	0.95652173913
1Y90:B	2QEK:B	0.95652173913
1Y90:B	2QEK:A	0.95652173913
1Y90:B	2FCY:A	0.95652173913
1Y90:B	2FCY:B	0.95652173913
1Y90:B	2FCX:A	0.95652173913
1Y90:B	1ZCI:C	0.95652173913
1Y90:B	1ZCI:B	0.95652173913
1Y90:B	1YXP:B	0.95652173913
1Y90:B	1YXP:A	0.95652173913
1Y90:B	1ZCI:D	0.95652173913
1Y90:B	2FD0:A	0.95652173913
1Y90:B	2FD0:B	0.95652173913

1K9W:A	1XPF:A	0.913043478261
1K9W:A	462D:A	0.913043478261
1K9W:A	462D:B	0.913043478261
1K9W:A	1XPF:B	0.913043478261
1K9W:A	1NLC:B	0.913043478261
1K9W:A	1O3Z:B	0.913043478261
1K9W:A	1O3Z:A	0.913043478261
1K9W:A	1NLC:A	0.913043478261
1K9W:A	1WVD:B	0.913043478261
1K9W:A	1Y95:A	0.913043478261
1K9W:A	1WVD:A	0.913043478261
1K9W:A	2B8S:B	0.913043478261
1K9W:A	2B8S:A	0.913043478261
1K9W:A	1Y6S:B	0.913043478261
1K9W:A	1Y6S:A	0.913043478261
1K9W:A	1Y6T:B	0.913043478261
1K9W:B	1XPF:A	0.913043478261
1K9W:B	462D:A	0.913043478261
1K9W:B	462D:B	0.913043478261
1K9W:B	1XPF:B	0.913043478261
1K9W:B	1NLC:B	0.913043478261
1K9W:B	1O3Z:B	0.913043478261
1K9W:B	1O3Z:A	0.913043478261
1K9W:B	1NLC:A	0.913043478261
1K9W:B	1WVD:B	0.913043478261
1K9W:B	1Y95:A	0.913043478261
1K9W:B	1WVD:A	0.913043478261
1K9W:B	2B8S:B	0.913043478261
1K9W:B	2B8S:A	0.913043478261
1K9W:B	1Y6S:B	0.913043478261
1K9W:B	1Y6S:A	0.913043478261
1K9W:B	1Y6T:B	0.913043478261
1K9W:C	1XPF:A	0.913043478261
1K9W:C	462D:A	0.913043478261
1K9W:C	462D:B	0.913043478261
1K9W:C	1XPF:B	0.913043478261
1K9W:C	1NLC:B	0.913043478261
1K9W:C	1O3Z:B	0.913043478261
1K9W:C	1O3Z:A	0.913043478261
1K9W:C	1NLC:A	0.913043478261
1K9W:C	1WVD:B	0.913043478261

1K9W:C	1Y95:A	0.913043478261
1K9W:C	1WVD:A	0.913043478261
1K9W:C	2B8S:B	0.913043478261
1K9W:C	2B8S:A	0.913043478261
1K9W:C	1Y6S:B	0.913043478261
1K9W:C	1Y6S:A	0.913043478261
1K9W:C	1Y6T:B	0.913043478261
1Y6T:B	1Y3O:A	0.95652173913
1Y6T:B	1Y3O:B	0.95652173913
1Y6T:B	3C44:A	0.95652173913
1Y6T:B	1Y3S:A	0.95652173913
1Y6T:B	1Y3S:B	0.95652173913
1Y6T:B	3C44:B	0.95652173913
1Y6T:B	2FCZ:D	0.95652173913
1Y6T:B	2FCZ:C	0.95652173913
1Y6T:B	2FCZ:B	0.95652173913
1Y6T:B	2FCZ:A	0.95652173913
1Y6T:B	2QEK:B	0.95652173913
1Y6T:B	2QEK:A	0.95652173913
1Y6T:B	2FCY:A	0.95652173913
1Y6T:B	2FCY:B	0.95652173913
1Y6T:B	2FCX:A	0.95652173913
1Y6T:B	1ZCI:C	0.95652173913
1Y6T:B	1ZCI:B	0.95652173913
1Y6T:B	1YXP:B	0.95652173913
1Y6T:B	1YXP:A	0.95652173913
1Y6T:B	1ZCI:D	0.95652173913
1Y6T:B	2FD0:A	0.95652173913
1Y6T:B	2FD0:B	0.95652173913
1Y3O:A	1XPF:A	0.95652173913
1Y3O:A	462D:A	0.95652173913
1Y3O:A	462D:B	0.95652173913
1Y3O:A	1XPF:B	0.95652173913
1Y3O:A	1NLC:B	0.95652173913
1Y3O:A	1O3Z:B	0.95652173913
1Y3O:A	1O3Z:A	0.95652173913
1Y3O:A	1NLC:A	0.95652173913
1Y3O:A	1WVD:B	0.95652173913
1Y3O:A	1Y95:A	0.95652173913
1Y3O:A	1WVD:A	0.95652173913
1Y3O:A	2B8S:B	0.95652173913

1Y3O:A	2B8S:A	0.95652173913
1Y3O:A	1Y6S:B	0.95652173913
1Y3O:A	1Y6S:A	0.95652173913
1XPF:A	1Y3O:B	0.95652173913
1XPF:A	3C44:A	0.95652173913
1XPF:A	1Y3S:A	0.95652173913
1XPF:A	1Y3S:B	0.95652173913
1XPF:A	3C44:B	0.95652173913
1XPF:A	2FCZ:D	0.95652173913
1XPF:A	2FCZ:C	0.95652173913
1XPF:A	2FCZ:B	0.95652173913
1XPF:A	2FCZ:A	0.95652173913
1XPF:A	2QEK:B	0.95652173913
1XPF:A	2QEK:A	0.95652173913
1XPF:A	2FCY:A	0.95652173913
1XPF:A	2FCY:B	0.95652173913
1XPF:A	2FCX:A	0.95652173913
1XPF:A	1ZCI:C	0.95652173913
1XPF:A	1ZCI:B	0.95652173913
1XPF:A	1YXP:B	0.95652173913
1XPF:A	1YXP:A	0.95652173913
1XPF:A	1ZCI:D	0.95652173913
1XPF:A	2FD0:A	0.95652173913
1XPF:A	2FD0:B	0.95652173913
462D:A	1Y3O:B	0.95652173913
462D:A	3C44:A	0.95652173913
462D:A	1Y3S:A	0.95652173913
462D:A	1Y3S:B	0.95652173913
462D:A	3C44:B	0.95652173913
462D:A	2FCZ:D	0.95652173913
462D:A	2FCZ:C	0.95652173913
462D:A	2FCZ:B	0.95652173913
462D:A	2FCZ:A	0.95652173913
462D:A	2QEK:B	0.95652173913
462D:A	2QEK:A	0.95652173913
462D:A	2FCY:A	0.95652173913
462D:A	2FCY:B	0.95652173913
462D:A	2FCX:A	0.95652173913
462D:A	1ZCI:C	0.95652173913
462D:A	1ZCI:B	0.95652173913
462D:A	1YXP:B	0.95652173913

462D:A	1YXP:A	0.95652173913
462D:A	1ZCI:D	0.95652173913
462D:A	2FD0:A	0.95652173913
462D:A	2FD0:B	0.95652173913
462D:B	1Y3O:B	0.95652173913
462D:B	3C44:A	0.95652173913
462D:B	1Y3S:A	0.95652173913
462D:B	1Y3S:B	0.95652173913
462D:B	3C44:B	0.95652173913
462D:B	2FCZ:D	0.95652173913
462D:B	2FCZ:C	0.95652173913
462D:B	2FCZ:B	0.95652173913
462D:B	2FCZ:A	0.95652173913
462D:B	2QEK:B	0.95652173913
462D:B	2QEK:A	0.95652173913
462D:B	2FCY:A	0.95652173913
462D:B	2FCY:B	0.95652173913
462D:B	2FCX:A	0.95652173913
462D:B	1ZCI:C	0.95652173913
462D:B	1ZCI:B	0.95652173913
462D:B	1YXP:B	0.95652173913
462D:B	1YXP:A	0.95652173913
462D:B	1ZCI:D	0.95652173913
462D:B	2FD0:A	0.95652173913
462D:B	2FD0:B	0.95652173913
1XPF:B	1Y3O:B	0.95652173913
1XPF:B	3C44:A	0.95652173913
1XPF:B	1Y3S:A	0.95652173913
1XPF:B	1Y3S:B	0.95652173913
1XPF:B	3C44:B	0.95652173913
1XPF:B	2FCZ:D	0.95652173913
1XPF:B	2FCZ:C	0.95652173913
1XPF:B	2FCZ:B	0.95652173913
1XPF:B	2FCZ:A	0.95652173913
1XPF:B	2QEK:B	0.95652173913
1XPF:B	2QEK:A	0.95652173913
1XPF:B	2FCY:A	0.95652173913
1XPF:B	2FCY:B	0.95652173913
1XPF:B	2FCX:A	0.95652173913
1XPF:B	1ZCI:C	0.95652173913
1XPF:B	1ZCI:B	0.95652173913

1XPF:B	1YXP:B	0.95652173913
1XPF:B	1YXP:A	0.95652173913
1XPF:B	1ZCI:D	0.95652173913
1XPF:B	2FD0:A	0.95652173913
1XPF:B	2FD0:B	0.95652173913
1Y30:B	1NLC:B	0.95652173913
1Y30:B	1O3Z:B	0.95652173913
1Y30:B	1O3Z:A	0.95652173913
1Y30:B	1NLC:A	0.95652173913
1Y30:B	1WVD:B	0.95652173913
1Y30:B	1Y95:A	0.95652173913
1Y30:B	1WVD:A	0.95652173913
1Y30:B	2B8S:B	0.95652173913
1Y30:B	2B8S:A	0.95652173913
1Y30:B	1Y6S:B	0.95652173913
1Y30:B	1Y6S:A	0.95652173913
3C44:A	1NLC:B	0.95652173913
3C44:A	1O3Z:B	0.95652173913
3C44:A	1O3Z:A	0.95652173913
3C44:A	1NLC:A	0.95652173913
3C44:A	1WVD:B	0.95652173913
3C44:A	1Y95:A	0.95652173913
3C44:A	1WVD:A	0.95652173913
3C44:A	2B8S:B	0.95652173913
3C44:A	2B8S:A	0.95652173913
3C44:A	1Y6S:B	0.95652173913
3C44:A	1Y6S:A	0.95652173913
1Y3S:A	1NLC:B	0.95652173913
1Y3S:A	1O3Z:B	0.95652173913
1Y3S:A	1O3Z:A	0.95652173913
1Y3S:A	1NLC:A	0.95652173913
1Y3S:A	1WVD:B	0.95652173913
1Y3S:A	1Y95:A	0.95652173913
1Y3S:A	1WVD:A	0.95652173913
1Y3S:A	2B8S:B	0.95652173913
1Y3S:A	2B8S:A	0.95652173913
1Y3S:A	1Y6S:B	0.95652173913
1Y3S:A	1Y6S:A	0.95652173913
1Y3S:B	1NLC:B	0.95652173913
1Y3S:B	1O3Z:B	0.95652173913
1Y3S:B	1O3Z:A	0.95652173913

1Y3S:B	1NLC:A	0.95652173913
1Y3S:B	1WVD:B	0.95652173913
1Y3S:B	1Y95:A	0.95652173913
1Y3S:B	1WVD:A	0.95652173913
1Y3S:B	2B8S:B	0.95652173913
1Y3S:B	2B8S:A	0.95652173913
1Y3S:B	1Y6S:B	0.95652173913
1Y3S:B	1Y6S:A	0.95652173913
3C44:B	1NLC:B	0.95652173913
3C44:B	1O3Z:B	0.95652173913
3C44:B	1O3Z:A	0.95652173913
3C44:B	1NLC:A	0.95652173913
3C44:B	1WVD:B	0.95652173913
3C44:B	1Y95:A	0.95652173913
3C44:B	1WVD:A	0.95652173913
3C44:B	2B8S:B	0.95652173913
3C44:B	2B8S:A	0.95652173913
3C44:B	1Y6S:B	0.95652173913
3C44:B	1Y6S:A	0.95652173913
2FCZ:D	1NLC:B	0.95652173913
2FCZ:D	1O3Z:B	0.95652173913
2FCZ:D	1O3Z:A	0.95652173913
2FCZ:D	1NLC:A	0.95652173913
2FCZ:D	1WVD:B	0.95652173913
2FCZ:D	1Y95:A	0.95652173913
2FCZ:D	1WVD:A	0.95652173913
2FCZ:D	2B8S:B	0.95652173913
2FCZ:D	2B8S:A	0.95652173913
2FCZ:D	1Y6S:B	0.95652173913
2FCZ:D	1Y6S:A	0.95652173913
2FCZ:C	1NLC:B	0.95652173913
2FCZ:C	1O3Z:B	0.95652173913
2FCZ:C	1O3Z:A	0.95652173913
2FCZ:C	1NLC:A	0.95652173913
2FCZ:C	1WVD:B	0.95652173913
2FCZ:C	1Y95:A	0.95652173913
2FCZ:C	1WVD:A	0.95652173913
2FCZ:C	2B8S:B	0.95652173913
2FCZ:C	2B8S:A	0.95652173913
2FCZ:C	1Y6S:B	0.95652173913
2FCZ:C	1Y6S:A	0.95652173913

2FCZ:B	1NLC:B	0.95652173913
2FCZ:B	1O3Z:B	0.95652173913
2FCZ:B	1O3Z:A	0.95652173913
2FCZ:B	1NLC:A	0.95652173913
2FCZ:B	1WVD:B	0.95652173913
2FCZ:B	1Y95:A	0.95652173913
2FCZ:B	1WVD:A	0.95652173913
2FCZ:B	2B8S:B	0.95652173913
2FCZ:B	2B8S:A	0.95652173913
2FCZ:B	1Y6S:B	0.95652173913
2FCZ:B	1Y6S:A	0.95652173913
2FCZ:A	1NLC:B	0.95652173913
2FCZ:A	1O3Z:B	0.95652173913
2FCZ:A	1O3Z:A	0.95652173913
2FCZ:A	1NLC:A	0.95652173913
2FCZ:A	1WVD:B	0.95652173913
2FCZ:A	1Y95:A	0.95652173913
2FCZ:A	1WVD:A	0.95652173913
2FCZ:A	2B8S:B	0.95652173913
2FCZ:A	2B8S:A	0.95652173913
2FCZ:A	1Y6S:B	0.95652173913
2FCZ:A	1Y6S:A	0.95652173913
1NLC:B	2QEK:B	0.95652173913
1NLC:B	2QEK:A	0.95652173913
1NLC:B	2FCY:A	0.95652173913
1NLC:B	2FCY:B	0.95652173913
1NLC:B	2FCX:A	0.95652173913
1NLC:B	1ZCI:C	0.95652173913
1NLC:B	1ZCI:B	0.95652173913
1NLC:B	1YXP:B	0.95652173913
1NLC:B	1YXP:A	0.95652173913
1NLC:B	1ZCI:D	0.95652173913
1NLC:B	2FD0:A	0.95652173913
1NLC:B	2FD0:B	0.95652173913
1O3Z:B	2QEK:B	0.95652173913
1O3Z:B	2QEK:A	0.95652173913
1O3Z:B	2FCY:A	0.95652173913
1O3Z:B	2FCY:B	0.95652173913
1O3Z:B	2FCX:A	0.95652173913
1O3Z:B	1ZCI:C	0.95652173913
1O3Z:B	1ZCI:B	0.95652173913

103Z:B	1YXP:B	0.95652173913
103Z:B	1YXP:A	0.95652173913
103Z:B	1ZCI:D	0.95652173913
103Z:B	2FD0:A	0.95652173913
103Z:B	2FD0:B	0.95652173913
103Z:A	2QEK:B	0.95652173913
103Z:A	2QEK:A	0.95652173913
103Z:A	2FCY:A	0.95652173913
103Z:A	2FCY:B	0.95652173913
103Z:A	2FCX:A	0.95652173913
103Z:A	1ZCI:C	0.95652173913
103Z:A	1ZCI:B	0.95652173913
103Z:A	1YXP:B	0.95652173913
103Z:A	1YXP:A	0.95652173913
103Z:A	1ZCI:D	0.95652173913
103Z:A	2FD0:A	0.95652173913
103Z:A	2FD0:B	0.95652173913
1NLC:A	2QEK:B	0.95652173913
1NLC:A	2QEK:A	0.95652173913
1NLC:A	2FCY:A	0.95652173913
1NLC:A	2FCY:B	0.95652173913
1NLC:A	2FCX:A	0.95652173913
1NLC:A	1ZCI:C	0.95652173913
1NLC:A	1ZCI:B	0.95652173913
1NLC:A	1YXP:B	0.95652173913
1NLC:A	1YXP:A	0.95652173913
1NLC:A	1ZCI:D	0.95652173913
1NLC:A	2FD0:A	0.95652173913
1NLC:A	2FD0:B	0.95652173913
2QEK:B	1WVD:B	0.95652173913
2QEK:B	1Y95:A	0.95652173913
2QEK:B	1WVD:A	0.95652173913
2QEK:B	2B8S:B	0.95652173913
2QEK:B	2B8S:A	0.95652173913
2QEK:B	1Y6S:B	0.95652173913
2QEK:B	1Y6S:A	0.95652173913
2QEK:A	1WVD:B	0.95652173913
2QEK:A	1Y95:A	0.95652173913
2QEK:A	1WVD:A	0.95652173913
2QEK:A	2B8S:B	0.95652173913
2QEK:A	2B8S:A	0.95652173913

2QEK:A	1Y6S:B	0.95652173913
2QEK:A	1Y6S:A	0.95652173913
1WVD:B	2FCY:A	0.95652173913
1WVD:B	2FCY:B	0.95652173913
1WVD:B	2FCX:A	0.95652173913
1WVD:B	1ZCI:C	0.95652173913
1WVD:B	1ZCI:B	0.95652173913
1WVD:B	1YXP:B	0.95652173913
1WVD:B	1YXP:A	0.95652173913
1WVD:B	1ZCI:D	0.95652173913
1WVD:B	2FD0:A	0.95652173913
1WVD:B	2FD0:B	0.95652173913
1Y95:A	1ZCI:B	0.95652173913
1Y95:A	1ZCI:D	0.95652173913
1Y95:A	2FCY:B	0.95652173913
1Y95:A	2FCX:A	0.95652173913
1Y95:A	1ZCI:C	0.95652173913
1Y95:A	1YXP:B	0.95652173913
1Y95:A	1YXP:A	0.95652173913
1Y95:A	2FCY:A	0.95652173913
1Y95:A	2FD0:A	0.95652173913
1Y95:A	2FD0:B	0.95652173913
2FCY:B	1WVD:A	0.95652173913
2FCY:B	2B8S:B	0.95652173913
2FCY:B	2B8S:A	0.95652173913
2FCY:B	1Y6S:B	0.95652173913
2FCY:B	1Y6S:A	0.95652173913
1WVD:A	2FCY:A	0.95652173913
1WVD:A	2FCX:A	0.95652173913
1WVD:A	1ZCI:C	0.95652173913
1WVD:A	1ZCI:B	0.95652173913
1WVD:A	1YXP:B	0.95652173913
1WVD:A	1YXP:A	0.95652173913
1WVD:A	1ZCI:D	0.95652173913
1WVD:A	2FD0:A	0.95652173913
1WVD:A	2FD0:B	0.95652173913
2FCX:A	2B8S:B	0.95652173913
2FCX:A	2B8S:A	0.95652173913
2FCX:A	1Y6S:B	0.95652173913
2FCX:A	1Y6S:A	0.95652173913
1ZCI:C	2B8S:B	0.95652173913

1ZCI:C	2B8S:A	0.95652173913
1ZCI:C	1Y6S:B	0.95652173913
1ZCI:C	1Y6S:A	0.95652173913
1ZCI:B	2B8S:B	0.95652173913
1ZCI:B	2B8S:A	0.95652173913
1ZCI:B	1Y6S:B	0.95652173913
1ZCI:B	1Y6S:A	0.95652173913
1YXP:B	2B8S:B	0.95652173913
1YXP:B	2B8S:A	0.95652173913
1YXP:B	1Y6S:B	0.95652173913
1YXP:B	1Y6S:A	0.95652173913
2B8S:B	1ZCI:D	0.95652173913
2B8S:B	1YXP:A	0.95652173913
2B8S:B	2FCY:A	0.95652173913
2B8S:B	2FD0:A	0.95652173913
2B8S:B	2FD0:B	0.95652173913
2B8S:A	1ZCI:D	0.95652173913
2B8S:A	1YXP:A	0.95652173913
2B8S:A	2FCY:A	0.95652173913
2B8S:A	2FD0:A	0.95652173913
2B8S:A	2FD0:B	0.95652173913
1YXP:A	1Y6S:B	0.95652173913
1YXP:A	1Y6S:A	0.95652173913
1Y6S:B	1ZCI:D	0.95652173913
1Y6S:B	2FCY:A	0.95652173913
1Y6S:B	2FD0:A	0.95652173913
1Y6S:B	2FD0:B	0.95652173913
1Y6S:A	1ZCI:D	0.95652173913
1Y6S:A	2FCY:A	0.95652173913
1Y6S:A	2FD0:A	0.95652173913
1Y6S:A	2FD0:B	0.95652173913
subgraph 34 has 4 nodes		
255D:A	205D:A	0.916666666667
255D:A	205D:B	0.916666666667
205D:A	1ME1:A	0.916666666667
1ME1:A	205D:B	0.916666666667
subgraph 35 has 4 nodes		
4LX5:A	1Y26:X	0.915492957746
4LX5:A	3LA5:A	0.971830985915
4LX5:A	4LX6:A	0.985915492958
1Y26:X	4LX6:A	0.901408450704

3LA5:A	4LX6:A	0.985915492958
subgraph 36 has 7 nodes		
4RGF:A	5DUN:A	0.964285714286
4RGF:C	5DUN:A	0.964285714286
4RGF:B	5DUN:A	0.964285714286
4RGE:B	5DUN:A	0.964285714286
4RGE:C	5DUN:A	0.964285714286
4RGE:A	5DUN:A	0.964285714286
subgraph 37 has 15 nodes		
4NLF:A	3DW5:A	0.962962962963
4NLF:A	4Y27:A	0.925925925926
4NLF:A	3S8U:A	0.925925925926
4NLF:A	480D:A	0.962962962963
4NLF:A	1Q9A:A	0.962962962963
4NLF:A	4NMG:A	0.925925925926
4NLF:A	3S7C:A	0.925925925926
4NLF:A	4NXH:A	0.925925925926
4NLF:A	483D:A	0.962962962963
4NLF:A	3DW4:A	0.962962962963
4NLF:A	1MSY:A	0.925925925926
4NLF:A	3DVZ:A	0.962962962963
4NLF:A	3DW7:A	0.962962962963
4NLF:A	3DW6:A	0.962962962963
3DW5:A	4Y27:A	0.962962962963
3DW5:A	3S8U:A	0.962962962963
3DW5:A	4NMG:A	0.962962962963
3DW5:A	3S7C:A	0.962962962963
3DW5:A	4NXH:A	0.962962962963
3DW5:A	1MSY:A	0.962962962963
4Y27:A	3S8U:A	0.925925925926
4Y27:A	480D:A	0.962962962963
4Y27:A	1Q9A:A	0.962962962963
4Y27:A	4NMG:A	0.925925925926
4Y27:A	3S7C:A	0.925925925926
4Y27:A	4NXH:A	0.925925925926
4Y27:A	483D:A	0.962962962963
4Y27:A	3DW4:A	0.962962962963
4Y27:A	1MSY:A	0.925925925926
4Y27:A	3DVZ:A	0.962962962963
4Y27:A	3DW7:A	0.962962962963
4Y27:A	3DW6:A	0.962962962963

3S8U:A	480D:A	0.962962962963
3S8U:A	1Q9A:A	0.962962962963
3S8U:A	4NMG:A	0.925925925926
3S8U:A	3S7C:A	0.925925925926
3S8U:A	4NXH:A	0.925925925926
3S8U:A	483D:A	0.962962962963
3S8U:A	3DW4:A	0.962962962963
3S8U:A	1MSY:A	0.925925925926
3S8U:A	3DVZ:A	0.962962962963
3S8U:A	3DW7:A	0.962962962963
3S8U:A	3DW6:A	0.962962962963
480D:A	4NMG:A	0.962962962963
480D:A	3S7C:A	0.962962962963
480D:A	4NXH:A	0.962962962963
480D:A	1MSY:A	0.962962962963
1Q9A:A	4NMG:A	0.962962962963
1Q9A:A	3S7C:A	0.962962962963
1Q9A:A	4NXH:A	0.962962962963
1Q9A:A	1MSY:A	0.962962962963
4NMG:A	3DW6:A	0.962962962963
4NMG:A	3S7C:A	0.925925925926
4NMG:A	4NXH:A	0.925925925926
4NMG:A	483D:A	0.962962962963
4NMG:A	3DW4:A	0.962962962963
4NMG:A	1MSY:A	0.925925925926
4NMG:A	3DVZ:A	0.962962962963
4NMG:A	3DW7:A	0.962962962963
3S7C:A	1MSY:A	0.925925925926
3S7C:A	483D:A	0.962962962963
3S7C:A	3DW4:A	0.962962962963
3S7C:A	3DVZ:A	0.962962962963
3S7C:A	3DW7:A	0.962962962963
3S7C:A	3DW6:A	0.962962962963
4NXH:A	1MSY:A	0.925925925926
4NXH:A	483D:A	0.962962962963
4NXH:A	3DW4:A	0.962962962963
4NXH:A	3DVZ:A	0.962962962963
4NXH:A	3DW7:A	0.962962962963
4NXH:A	3DW6:A	0.962962962963
483D:A	1MSY:A	0.962962962963
3DW4:A	1MSY:A	0.962962962963

1MSY:A	3DVZ:A	0.962962962963
1MSY:A	3DW7:A	0.962962962963
1MSY:A	3DW6:A	0.962962962963
subgraph 38 has 6 nodes		
4FAR:A	3G78:A	0.946601941748
4FAR:A	3BWP:A	0.946601941748
4FAR:A	3EOH:A	0.946601941748
4FAR:A	3IGI:A	0.946601941748
4FAR:A	3EOG:A	0.946601941748
subgraph 39 has 2 nodes		
2JXQ:A	2JXS:A	0.909090909091
subgraph 40 has 2 nodes		
2QH2:A	2QH3:A	0.916666666667
subgraph 41 has 2 nodes		
1KOC:B	1KOD:B	0.928571428571
subgraph 42 has 3 nodes		
3FS0:B	3FTM:D	0.916666666667
3FS0:B	3FTM:B	0.916666666667
subgraph 43 has 27 nodes		
3BBK:C	2P7F:D	0.947368421053
3BBK:C	3B5F:C	0.947368421053
3BBK:C	3B58:C	0.947368421053
3BBK:C	2NPY:D	0.947368421053
3BBK:C	1X9K:D	0.947368421053
3BBK:C	4G6S:C	0.947368421053
3BBK:C	1ZFT:D	0.947368421053
3BBK:C	2NPZ:D	0.947368421053
3BBK:C	1ZFV:D	0.947368421053
3BBK:C	2FGP:D	0.947368421053
3BBK:C	2BCZ:D	0.947368421053
3BBK:C	4G6P:C	0.947368421053
3BBK:C	2BCY:D	0.947368421053
3BBK:C	1ZFX:D	0.947368421053
3BBK:C	3GS1:D	0.947368421053
3BBK:C	3B5S:C	0.947368421053
3BBK:C	1X9C:D	0.947368421053
3BBK:C	4G6R:D	0.947368421053
3BBK:C	3GS8:D	0.947368421053
3BBK:C	3B91:C	0.947368421053
3BBK:C	3B5A:C	0.947368421053
3BBK:C	2OUE:D	0.947368421053

3BBK:C	3BBI:C	0.947368421053
2P7F:D	3B5F:C	0.947368421053
2P7F:D	3B58:C	0.947368421053
2P7F:D	2D2L:D	0.947368421053
2P7F:D	2D2K:D	0.947368421053
2P7F:D	3B5S:C	0.947368421053
2P7F:D	3B5A:C	0.947368421053
2P7F:D	3BBM:C	0.947368421053
3B5F:C	2BCY:D	0.947368421053
3B5F:C	1ZFT:D	0.947368421053
3B5F:C	3GS8:D	0.947368421053
3B5F:C	3B91:C	0.947368421053
3B5F:C	2NPZ:D	0.947368421053
3B5F:C	1ZFV:D	0.947368421053
3B5F:C	1ZFX:D	0.947368421053
3B5F:C	2NPY:D	0.947368421053
3B5F:C	2FGP:D	0.947368421053
3B5F:C	3GS1:D	0.947368421053
3B5F:C	4G6R:D	0.947368421053
3B5F:C	3BBM:C	0.947368421053
3B5F:C	1X9C:D	0.947368421053
3B5F:C	2OUE:D	0.947368421053
3B5F:C	2BCZ:D	0.947368421053
3B5F:C	4G6P:C	0.947368421053
3B5F:C	1X9K:D	0.947368421053
3B5F:C	4G6S:C	0.947368421053
3B5F:C	3BBI:C	0.947368421053
3B58:C	2BCY:D	0.947368421053
3B58:C	1ZFT:D	0.947368421053
3B58:C	3GS8:D	0.947368421053
3B58:C	3B91:C	0.947368421053
3B58:C	2NPZ:D	0.947368421053
3B58:C	1ZFV:D	0.947368421053
3B58:C	1ZFX:D	0.947368421053
3B58:C	2NPY:D	0.947368421053
3B58:C	2FGP:D	0.947368421053
3B58:C	3GS1:D	0.947368421053
3B58:C	4G6R:D	0.947368421053
3B58:C	3BBM:C	0.947368421053
3B58:C	1X9C:D	0.947368421053
3B58:C	2OUE:D	0.947368421053

3B58:C	2BCZ:D	0.947368421053
3B58:C	4G6P:C	0.947368421053
3B58:C	1X9K:D	0.947368421053
3B58:C	4G6S:C	0.947368421053
3B58:C	3BBI:C	0.947368421053
2NPY:D	2D2L:D	0.947368421053
2NPY:D	2D2K:D	0.947368421053
2NPY:D	3B5S:C	0.947368421053
2NPY:D	3B5A:C	0.947368421053
2NPY:D	3BBM:C	0.947368421053
1X9K:D	2D2L:D	0.947368421053
1X9K:D	2D2K:D	0.947368421053
1X9K:D	3B5S:C	0.947368421053
1X9K:D	3B5A:C	0.947368421053
1X9K:D	3BBM:C	0.947368421053
4G6S:C	2D2L:D	0.947368421053
4G6S:C	2D2K:D	0.947368421053
4G6S:C	3B5S:C	0.947368421053
4G6S:C	3B5A:C	0.947368421053
4G6S:C	3BBM:C	0.947368421053
1ZFT:D	2D2L:D	0.947368421053
1ZFT:D	2D2K:D	0.947368421053
1ZFT:D	3B5S:C	0.947368421053
1ZFT:D	3B5A:C	0.947368421053
1ZFT:D	3BBM:C	0.947368421053
2NPZ:D	2D2L:D	0.947368421053
2NPZ:D	2D2K:D	0.947368421053
2NPZ:D	3B5S:C	0.947368421053
2NPZ:D	3B5A:C	0.947368421053
2NPZ:D	3BBM:C	0.947368421053
1ZFV:D	2D2L:D	0.947368421053
1ZFV:D	2D2K:D	0.947368421053
1ZFV:D	3B5S:C	0.947368421053
1ZFV:D	3B5A:C	0.947368421053
1ZFV:D	3BBM:C	0.947368421053
2FGP:D	2D2L:D	0.947368421053
2FGP:D	2D2K:D	0.947368421053
2FGP:D	3B5S:C	0.947368421053
2FGP:D	3B5A:C	0.947368421053
2FGP:D	3BBM:C	0.947368421053
2BCZ:D	2D2L:D	0.947368421053

2BCZ:D	2D2K:D	0.947368421053
2BCZ:D	3B5S:C	0.947368421053
2BCZ:D	3B5A:C	0.947368421053
2BCZ:D	3BBM:C	0.947368421053
4G6P:C	2D2L:D	0.947368421053
4G6P:C	2D2K:D	0.947368421053
4G6P:C	3B5S:C	0.947368421053
4G6P:C	3B5A:C	0.947368421053
4G6P:C	3BBM:C	0.947368421053
2BCY:D	2D2L:D	0.947368421053
2BCY:D	2D2K:D	0.947368421053
2BCY:D	3B5S:C	0.947368421053
2BCY:D	3B5A:C	0.947368421053
2BCY:D	3BBM:C	0.947368421053
1ZFX:D	2D2L:D	0.947368421053
1ZFX:D	2D2K:D	0.947368421053
1ZFX:D	3B5S:C	0.947368421053
1ZFX:D	3B5A:C	0.947368421053
1ZFX:D	3BBM:C	0.947368421053
3BBM:C	3GS1:D	0.947368421053
3BBM:C	3B5S:C	0.947368421053
3BBM:C	1X9C:D	0.947368421053
3BBM:C	4G6R:D	0.947368421053
3BBM:C	3GS8:D	0.947368421053
3BBM:C	3B91:C	0.947368421053
3BBM:C	3B5A:C	0.947368421053
3BBM:C	2OUE:D	0.947368421053
3BBM:C	3BBI:C	0.947368421053
3GS1:D	2D2L:D	0.947368421053
3GS1:D	2D2K:D	0.947368421053
3GS1:D	3B5S:C	0.947368421053
3GS1:D	3B5A:C	0.947368421053
2D2K:D	3GS8:D	0.947368421053
2D2K:D	3B91:C	0.947368421053
2D2K:D	2D2L:D	0.947368421053
2D2K:D	4G6R:D	0.947368421053
2D2K:D	1X9C:D	0.947368421053
2D2K:D	2OUE:D	0.947368421053
2D2K:D	3BBI:C	0.947368421053
3B5S:C	3GS8:D	0.947368421053
3B5S:C	3B91:C	0.947368421053

3B5S:C	4G6R:D	0.947368421053
3B5S:C	1X9C:D	0.947368421053
3B5S:C	2OUE:D	0.947368421053
3B5S:C	3BBI:C	0.947368421053
1X9C:D	2D2L:D	0.947368421053
1X9C:D	3B5A:C	0.947368421053
4G6R:D	2D2L:D	0.947368421053
4G6R:D	3B5A:C	0.947368421053
3GS8:D	2D2L:D	0.947368421053
3GS8:D	3B5A:C	0.947368421053
3B91:C	2D2L:D	0.947368421053
3B91:C	3B5A:C	0.947368421053
2D2L:D	2OUE:D	0.947368421053
2D2L:D	3BBI:C	0.947368421053
3B5A:C	2OUE:D	0.947368421053
3B5A:C	3BBI:C	0.947368421053
subgraph 44 has 3 nodes		
1ZIF:A	1ZIG:A	0.916666666667
1ZIF:A	1ZIH:A	0.916666666667
1ZIG:A	1ZIH:A	0.916666666667
subgraph 45 has 6 nodes		
1HR2:B	1L8V:A	0.974683544304
1HR2:B	1GID:B	0.987421383648
1HR2:B	1GID:A	0.987421383648
1HR2:B	1L8V:B	0.974683544304
1GID:A	1L8V:A	0.981012658228
1GID:A	1HR2:A	0.987421383648
1GID:A	1L8V:B	0.981012658228
1HR2:A	1L8V:A	0.974683544304
1HR2:A	1GID:B	0.987421383648
1HR2:A	1L8V:B	0.974683544304
1L8V:A	1GID:B	0.981012658228
1L8V:B	1GID:B	0.981012658228
subgraph 46 has 4 nodes		
2JRG:A	2JSG:A	0.941176470588
2JRG:A	2JRQ:A	0.941176470588
2JSG:A	2JR4:A	0.941176470588
2JRQ:A	2JR4:A	0.941176470588
subgraph 47 has 2 nodes		
2LHP:A	2LUB:A	0.945945945946
subgraph 48 has 3 nodes		

2AGN:A	1FQZ:A	0.931034482759
1F84:A	1FQZ:A	0.931034482759
subgraph 49 has 3 nodes		
357D:A	1ELH:A	0.916666666667
364D:A	1ELH:A	0.916666666667
subgraph 50 has 4 nodes		
2KRW:A	2KRP:A	0.941176470588
2KRW:A	2KRV:A	0.941176470588
2KRP:A	2KRQ:A	0.941176470588
2KRV:A	2KRQ:A	0.941176470588
subgraph 51 has 4 nodes		
2TRA:A	486D:E	0.96
1VTQ:A	486D:E	0.96
486D:E	3TRA:A	0.96
subgraph 52 has 5 nodes		
1I4C:A	1I46:A	0.923076923077
1I4C:A	1ESH:A	0.923076923077
1I46:A	1I4B:A	0.923076923077
1I46:A	1ESH:A	0.923076923077
1I4B:A	1ESH:A	0.923076923077
1ESH:A	1JZC:A	0.923076923077
subgraph 53 has 5 nodes		
4A4T:A	4A4S:A	0.954545454545
4A4T:A	4A4U:A	0.954545454545
4A4T:A	4A4R:A	0.909090909091
4A4S:A	4A4U:A	0.954545454545
4A4S:A	4A4R:A	0.909090909091
4A4S:A	1K5I:A	0.913043478261
4A4U:A	4A4R:A	0.909090909091
subgraph 54 has 6 nodes		
433D:B	1FUF:A	0.928571428571
433D:B	1FUF:B	0.928571428571
433D:B	1K5:A	0.928571428571
433D:A	1FUF:A	0.928571428571
433D:A	1FUF:B	0.928571428571
433D:A	1K5:A	0.928571428571
1FUF:A	1K5:B	0.928571428571
1FUF:B	1K5:B	0.928571428571
1K5:B	1K5:A	0.928571428571
subgraph 55 has 18 nodes		
3OWW:A	3OXD:B	0.977272727273

3OWW:A	3OXD:A	0.977272727273
3OWW:A	3OXB:A	0.988636363636
3OWW:A	3OXB:B	0.988636363636
3OWW:B	3OXD:B	0.977272727273
3OWW:B	3OXD:A	0.977272727273
3OWW:B	3OXB:A	0.988636363636
3OWW:B	3OXB:B	0.988636363636
3OX0:B	3OXD:B	0.977272727273
3OX0:B	3OXD:A	0.977272727273
3OX0:B	3OXB:A	0.988636363636
3OX0:B	3OXB:B	0.988636363636
3OXJ:A	3OXD:B	0.977272727273
3OXJ:A	3OXD:A	0.977272727273
3OXJ:A	3OXB:A	0.988636363636
3OXJ:A	3OXB:B	0.988636363636
3OXJ:B	3OXD:B	0.977272727273
3OXJ:B	3OXD:A	0.977272727273
3OXJ:B	3OXB:A	0.988636363636
3OXJ:B	3OXB:B	0.988636363636
3OX0:A	3OXD:B	0.977272727273
3OX0:A	3OXD:A	0.977272727273
3OX0:A	3OXB:A	0.988636363636
3OX0:A	3OXB:B	0.988636363636
3OXD:B	3OXB:B	0.965909090909
3OXD:B	3OWI:B	0.977272727273
3OXD:B	3OWI:A	0.977272727273
3OXD:B	3OXB:B	0.977272727273
3OXD:B	3OXB:A	0.977272727273
3OXD:B	3OWZ:A	0.977272727273
3OXD:B	3OWZ:B	0.977272727273
3OXD:B	3OXB:A	0.965909090909
3OXD:B	3OXM:B	0.977272727273
3OXD:B	3OXM:A	0.977272727273
3OXB:B	3OXD:A	0.965909090909
3OXB:B	3OWI:B	0.988636363636
3OXB:B	3OWI:A	0.988636363636
3OXB:B	3OXB:B	0.988636363636
3OXB:B	3OXB:A	0.988636363636
3OXB:B	3OWZ:A	0.988636363636
3OXB:B	3OWZ:B	0.988636363636
3OXB:B	3OXM:B	0.988636363636

3OXB:B	3OXM:A	0.988636363636
3OXD:A	3OWI:B	0.977272727273
3OXD:A	3OWI:A	0.977272727273
3OXD:A	3OXB:B	0.977272727273
3OXD:A	3OXB:A	0.977272727273
3OXD:A	3OWZ:A	0.977272727273
3OXD:A	3OWZ:B	0.977272727273
3OXD:A	3OXB:A	0.965909090909
3OXD:A	3OXM:B	0.977272727273
3OXD:A	3OXM:A	0.977272727273
3OWI:B	3OXB:A	0.988636363636
3OWI:A	3OXB:A	0.988636363636
3OXB:B	3OXB:A	0.988636363636
3OXB:A	3OXB:A	0.988636363636
3OWZ:A	3OXB:A	0.988636363636
3OWZ:B	3OXB:A	0.988636363636
3OXB:A	3OXM:B	0.988636363636
3OXB:A	3OXM:A	0.988636363636
subgraph 56 has 2 nodes		
1R7W:A	1R7Z:A	0.970588235294
subgraph 57 has 2 nodes		
4OQU:A	4L81:A	0.979381443299
subgraph 58 has 7 nodes		
3GM7:G	4E48:A	0.9
3GM7:G	4E48:B	0.9
3GM7:G	4E48:D	0.9
3GM7:H	4E48:A	0.9
3GM7:H	4E48:B	0.9
3GM7:H	4E48:D	0.9
4E48:D	1ZEV:B	0.9
4E48:D	1ZEV:A	0.9
4E48:A	1ZEV:B	0.9
4E48:A	1ZEV:A	0.9
4E48:B	1ZEV:B	0.9
4E48:B	1ZEV:A	0.9
subgraph 59 has 3 nodes		
4WFM:A	4WFL:A	0.96261682243
4WFM:B	4WFL:A	0.96261682243
subgraph 60 has 2 nodes		
2RN1:B	1KIS:B	0.9375
subgraph 61 has 6 nodes		

5C45:X	2YIF:X	0.944444444444
5C45:X	2YIE:X	0.944444444444
2YIF:X	3F4G:X	0.944444444444
2YIF:X	3F4E:X	0.944444444444
2YIF:X	3F4H:X	0.944444444444
3F4G:X	2YIE:X	0.944444444444
3F4H:X	2YIE:X	0.944444444444
2YIE:X	3F4E:X	0.944444444444
subgraph 62 has 6 nodes		
5C45:Y	2YIF:Z	0.947368421053
5C45:Y	2YIE:Z	0.947368421053
2YIF:Z	3F4G:Y	0.947368421053
2YIF:Z	3F4H:Y	0.947368421053
2YIF:Z	3F4E:Y	0.947368421053
3F4G:Y	2YIE:Z	0.947368421053
3F4H:Y	2YIE:Z	0.947368421053
2YIE:Z	3F4E:Y	0.947368421053
subgraph 63 has 16 nodes		
3SKW:A	3SLM:B	0.970588235294
3SKW:A	3SLM:A	0.970588235294
3SKW:A	3SLQ:B	0.970588235294
3SKW:A	3SLQ:A	0.970588235294
3SKW:A	3SKI:B	0.970588235294
3SKW:A	3SKI:A	0.970588235294
3SKW:A	3SKZ:A	0.970588235294
3SKW:A	3SKZ:B	0.970588235294
3SKW:B	3SLM:B	0.970588235294
3SKW:B	3SLM:A	0.970588235294
3SKW:B	3SLQ:B	0.970588235294
3SKW:B	3SLQ:A	0.970588235294
3SKW:B	3SKI:B	0.970588235294
3SKW:B	3SKI:A	0.970588235294
3SKW:B	3SKZ:A	0.970588235294
3SKW:B	3SKZ:B	0.970588235294
3SLM:B	3SKL:B	0.970588235294
3SLM:B	3SKL:A	0.970588235294
3SLM:B	3SKR:A	0.970588235294
3SLM:B	3SKR:B	0.970588235294
3SLM:B	3SKT:B	0.970588235294
3SLM:B	3SKT:A	0.970588235294
3SLM:A	3SKL:B	0.970588235294

3SLM:A	3SKL:A	0.970588235294
3SLM:A	3SKR:A	0.970588235294
3SLM:A	3SKR:B	0.970588235294
3SLM:A	3SKT:B	0.970588235294
3SLM:A	3SKT:A	0.970588235294
3SLQ:B	3SKL:B	0.970588235294
3SLQ:B	3SKL:A	0.970588235294
3SLQ:B	3SKR:A	0.970588235294
3SLQ:B	3SKR:B	0.970588235294
3SLQ:B	3SKT:B	0.970588235294
3SLQ:B	3SKT:A	0.970588235294
3SLQ:A	3SKL:B	0.970588235294
3SLQ:A	3SKL:A	0.970588235294
3SLQ:A	3SKR:A	0.970588235294
3SLQ:A	3SKR:B	0.970588235294
3SLQ:A	3SKT:B	0.970588235294
3SLQ:A	3SKT:A	0.970588235294
3SKI:B	3SKL:B	0.970588235294
3SKI:B	3SKL:A	0.970588235294
3SKI:B	3SKR:A	0.970588235294
3SKI:B	3SKR:B	0.970588235294
3SKI:B	3SKT:B	0.970588235294
3SKI:B	3SKT:A	0.970588235294
3SKL:B	3SKI:A	0.970588235294
3SKL:B	3SKZ:A	0.970588235294
3SKL:B	3SKZ:B	0.970588235294
3SKL:A	3SKI:A	0.970588235294
3SKL:A	3SKZ:A	0.970588235294
3SKL:A	3SKZ:B	0.970588235294
3SKI:A	3SKR:A	0.970588235294
3SKI:A	3SKR:B	0.970588235294
3SKI:A	3SKT:B	0.970588235294
3SKI:A	3SKT:A	0.970588235294
3SKR:A	3SKZ:A	0.970588235294
3SKR:A	3SKZ:B	0.970588235294
3SKR:B	3SKZ:A	0.970588235294
3SKR:B	3SKZ:B	0.970588235294
3SKT:B	3SKZ:A	0.970588235294
3SKT:B	3SKZ:B	0.970588235294
3SKT:A	3SKZ:A	0.970588235294
3SKT:A	3SKZ:B	0.970588235294

subgraph 64 has 3 nodes		
1EBR:A	1EBQ:A	0.966666666667
1EBR:A	1EBS:A	0.966666666667
subgraph 65 has 2 nodes		
3LOU:A	3BBV:z	0.973684210526
subgraph 66 has 5 nodes		
1FYO:A	1BYJ:A	0.962962962963
1FYO:A	1PBR:A	0.962962962963
1FYO:A	2M4Q:1	0.962962962963
1FYP:A	1BYJ:A	0.962962962963
1FYP:A	1PBR:A	0.962962962963
1FYP:A	2M4Q:1	0.962962962963
subgraph 67 has 4 nodes		
3CGQ:B	3CGS:B	0.923076923077
3CGQ:B	3CGR:B	0.923076923077
3CGS:B	3CGP:B	0.923076923077
3CGP:B	3CGR:B	0.923076923077
subgraph 68 has 2 nodes		
2GIO:A	2GIP:A	0.965517241379
subgraph 69 has 3 nodes		
3CGQ:A	3CGR:A	0.916666666667
3CGR:A	3CGP:A	0.916666666667
subgraph 70 has 7 nodes		
2DD2:A	1XV0:A	0.9
2DD2:A	2DD1:A	0.9
2DD2:A	3FS0:A	0.9
1XV0:A	2DD3:A	0.9
1XV0:A	3FS0:A	0.9
2DD1:A	2DD3:A	0.9
2DD1:A	3FS0:A	0.9
3FTM:C	3FS0:A	0.909090909091
3FTM:A	3FS0:A	0.909090909091
2DD3:A	3FS0:A	0.9
subgraph 71 has 2 nodes		
2KPD:A	2KPC:A	0.941176470588
subgraph 72 has 4 nodes		
2F88:A	2LPS:A	0.911764705882
2F88:A	1R2P:A	0.911764705882
2LPS:A	2LPT:A	0.911764705882
1R2P:A	2LPT:A	0.911764705882
subgraph 73 has 4 nodes		

4Y1J:A	4Y1I:B	0.99
4Y1J:A	4Y1I:A	0.99
4Y1J:B	4Y1I:B	0.99
4Y1J:B	4Y1I:A	0.99
subgraph 74 has 3 nodes		
1T0E:A	1T0D:C	0.944444444444
1T0E:A	1T0D:A	0.944444444444
subgraph 75 has 3 nodes		
3RG5:B	3A3A:A	0.944444444444
3RG5:A	3A3A:A	0.944444444444
subgraph 76 has 4 nodes		
3NPN:A	3NPQ:B	0.944444444444
3NPN:A	3NPQ:C	0.944444444444
3NPN:A	3NPQ:A	0.944444444444
subgraph 77 has 4 nodes		
4YAZ:A	4YB0:R	0.988095238095
4YAZ:A	4YB0:A	0.988095238095
4YB0:A	4YAZ:R	0.988095238095
4YAZ:R	4YB0:R	0.988095238095
subgraph 78 has 4 nodes		
2DD1:B	1XV0:B	0.9
2DD1:B	2DD3:B	0.9
2DD1:B	2DD2:B	0.9
subgraph 79 has 2 nodes		
2LV0:A	2GBH:A	0.958333333333
subgraph 80 has 2 nodes		
1Z30:A	2MFD:A	0.947368421053
subgraph 81 has 2 nodes		
1KOD:A	1KOC:A	0.909090909091
subgraph 82 has 4 nodes		
1YNE:A	1YLG:A	0.967741935484
1YNE:A	1YNC:A	0.967741935484
1YNG:A	1YLG:A	0.967741935484
1YNG:A	1YNC:A	0.967741935484
subgraph 83 has 2 nodes		
2KRZ:A	2KRY:A	0.941176470588
subgraph 84 has 6 nodes		
1Q96:C	1Q93:B	0.925925925926
1Q96:C	1Q93:C	0.925925925926
1Q96:C	1Q93:A	0.925925925926
1Q96:B	1Q93:B	0.925925925926

1Q96:B	1Q93:C	0.925925925926
1Q96:B	1Q93:A	0.925925925926
1Q96:A	1Q93:B	0.925925925926
1Q96:A	1Q93:C	0.925925925926
1Q96:A	1Q93:A	0.925925925926
subgraph 85 has 5 nodes		
1HS3:A	1HS1:A	0.923076923077
1HS3:A	1HS4:A	0.923076923077
1HS3:A	1HS2:A	0.923076923077
1HS3:A	1HS8:A	0.923076923077
1HS1:A	1HS4:A	0.923076923077
1HS1:A	1HS2:A	0.923076923077
1HS4:A	1HS2:A	0.923076923077
subgraph 86 has 6 nodes		
1YKV:D	1YLS:B	0.973684210526
1YKV:D	1YLS:D	0.973684210526
1YKV:B	1YLS:B	0.973684210526
1YKV:B	1YLS:D	0.973684210526
1YKQ:D	1YLS:B	0.973684210526
1YKQ:D	1YLS:D	0.973684210526
1YKQ:B	1YLS:B	0.973684210526
1YKQ:B	1YLS:D	0.973684210526
subgraph 87 has 3 nodes		
4XW1:C	4XW0:A	0.9
4XW1:C	4XW0:B	0.9
subgraph 88 has 4 nodes		
2MVS:2	2MVY:1	0.9
2MVS:2	2MVY:2	0.9
2MVY:1	2MVS:1	0.9
2MVY:2	2MVS:1	0.9
subgraph 89 has 3 nodes		
5EAO:B	5DH7:B	0.95
5DH7:B	5EAQ:B	0.95
subgraph 90 has 3 nodes		
5EAO:A	5DH7:A	0.979166666667
5DH7:A	5EAQ:A	0.979166666667
subgraph 91 has 2 nodes		
4R4P:A	4R4V:A	0.989247311828
subgraph 92 has 2 nodes		
2L1F:B	2L1F:A	0.984848484848