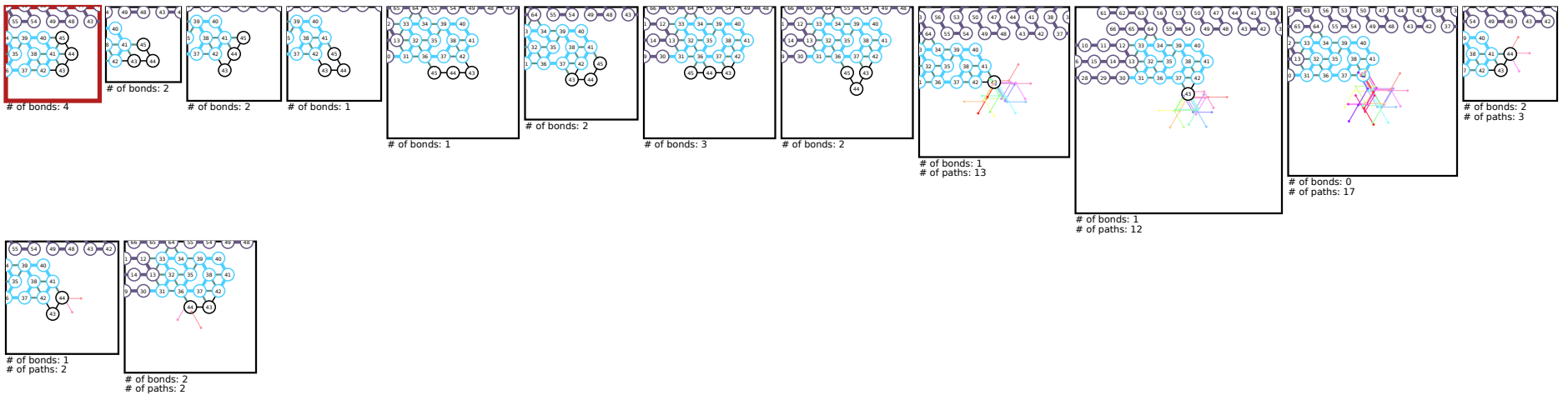
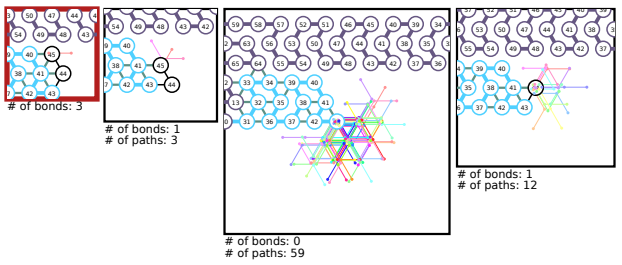
Input conformation: b

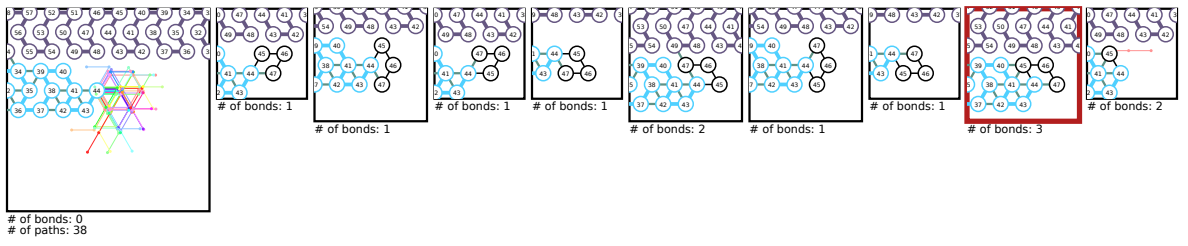
beadtype: 43



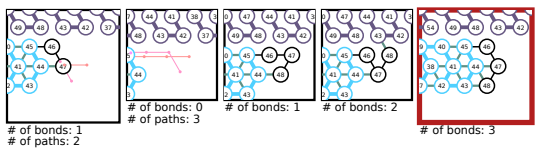
beadtype: 44



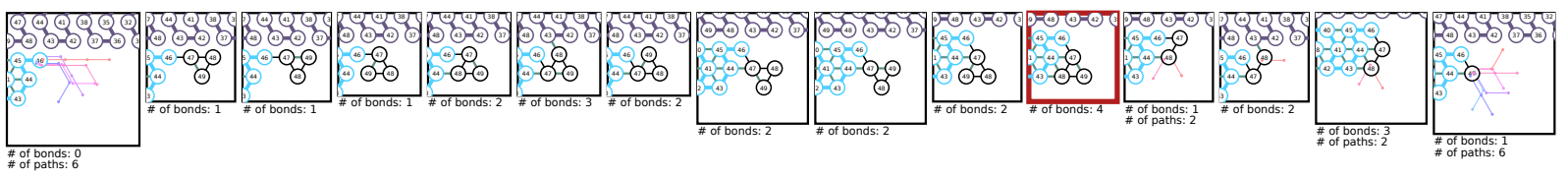
beadtype: 45



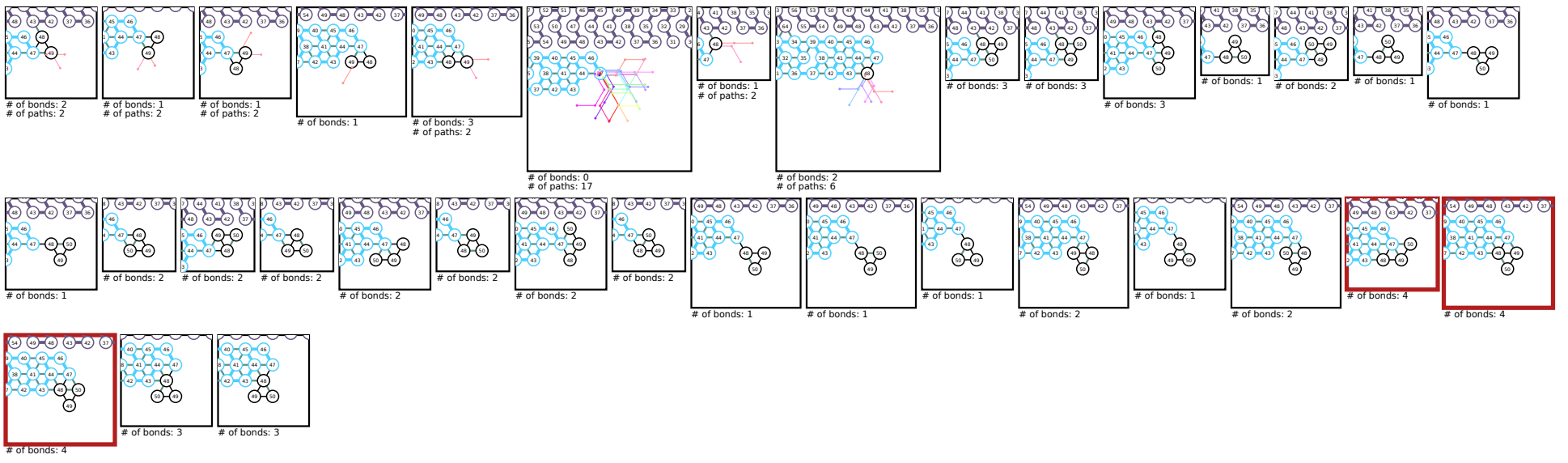
beadtype: 46



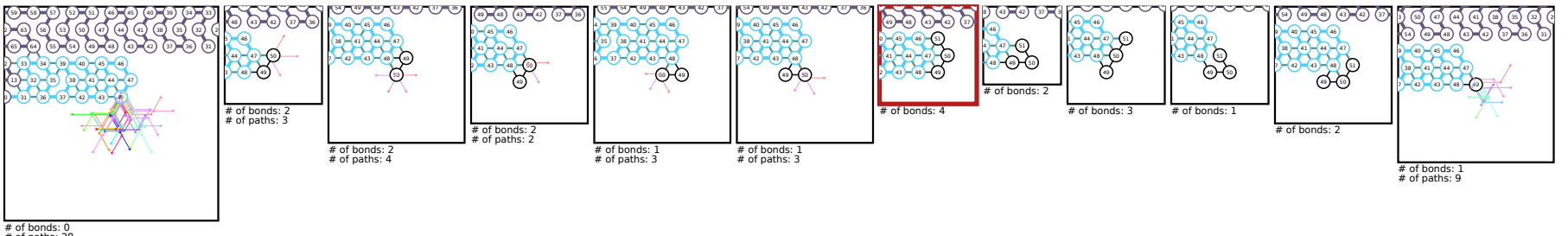
beadtype: 47



beadtype: 48



beadtype: 49



# of bonds: 0
# of paths: 28

# of bonds: 2
# of paths: 3

# of bonds: 2
# of paths: 4

# of bonds: 2
# of paths: 2

# of bonds: 1
# of paths: 3

# of bonds: 1
# of paths: 3

# of bonds: 4

# of bonds: 2

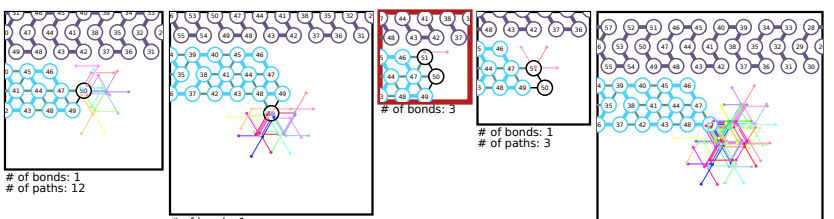
# of bonds: 3

# of bonds: 1

# of bonds: 2

# of bonds: 1
# of paths: 9

beadtype: 50



# of bonds: 1
# of paths: 12

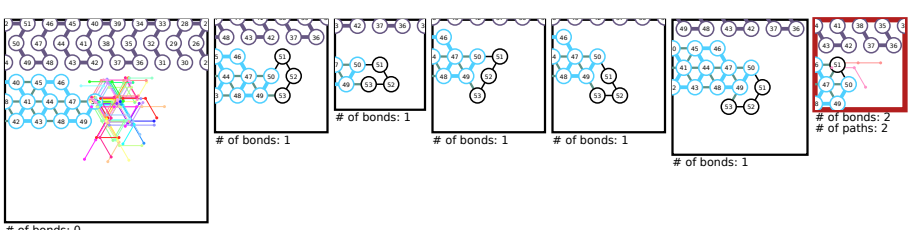
# of bonds: 1
# of paths: 17

# of bonds: 3

# of bonds: 1
# of paths: 3

# of bonds: 0
# of paths: 42

beadtype: 51



# of bonds: 0
# of paths: 40

# of bonds: 1

# of bonds: 1

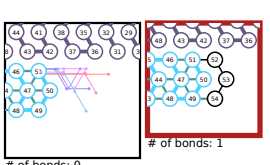
# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 2
# of paths: 2

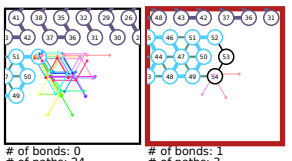
beadtype: 52



# of bonds: 0
# of paths: 7

# of bonds: 1

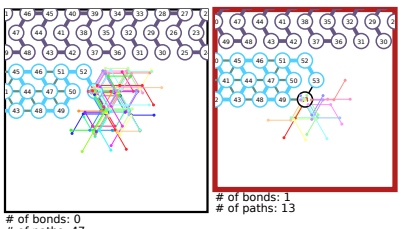
beadtype: 53



# of bonds: 0
# of paths: 24

# of bonds: 1
# of paths: 3

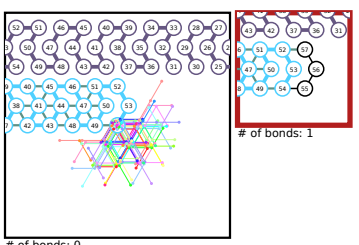
beadtype: 54



# of bonds: 0
# of paths: 47

# of bonds: 1
# of paths: 13

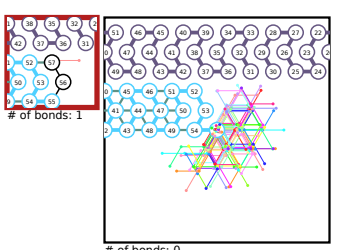
beadtype: 55



# of bonds: 0
# of paths: 56

# of bonds: 1

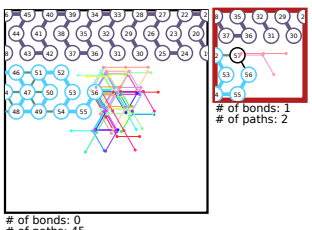
beadtype: 56



# of bonds: 1

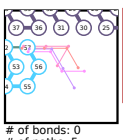
# of bonds: 0
# of paths: 74

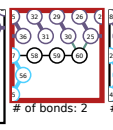
beadtype: 57


# of bonds: 0
# of paths: 45

# of bonds: 1
# of paths: 2

beadtype: 58


# of bonds: 0
# of paths: 5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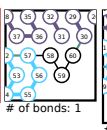
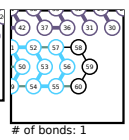
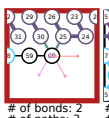
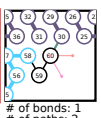
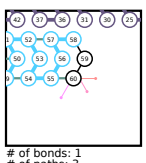

# of bonds: 1


# of bonds: 1

beadtype: 59


# of bonds: 2
# of paths: 3


# of bonds: 1
# of paths: 2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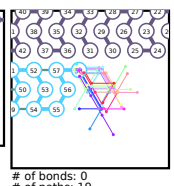
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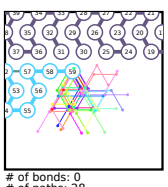
# of paths: 19

beadtype: 60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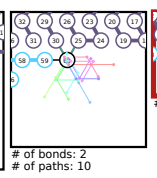
# of paths: 28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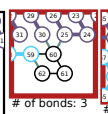
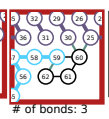
# of paths: 10


# of bonds: 3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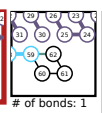
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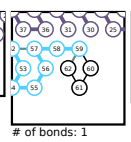
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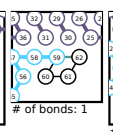
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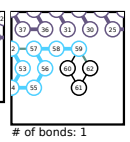
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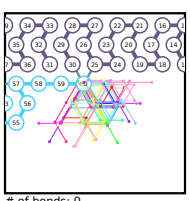
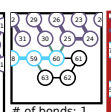
beadtype: 61


# of bonds: 0
# of paths: 41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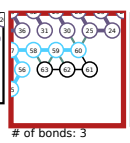
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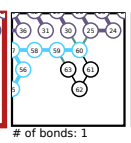
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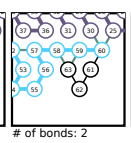
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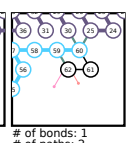
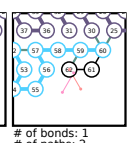

# of bonds: 1
# of paths: 2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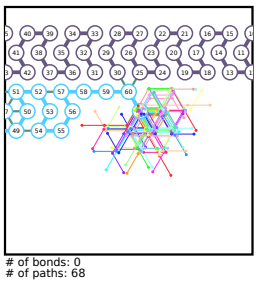
beadtype: 62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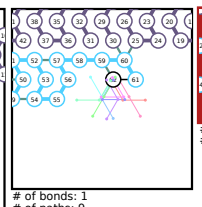
# of paths: 68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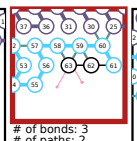
# of paths: 9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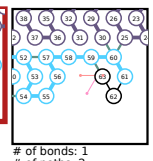
# of paths: 2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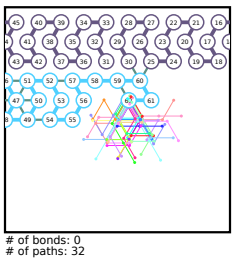
# of paths: 2

beadtype: 63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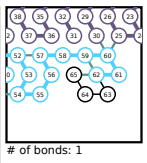
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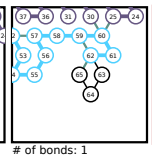
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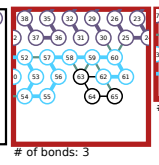
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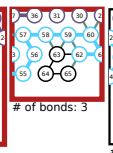
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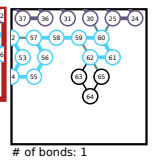
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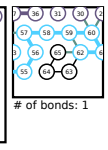
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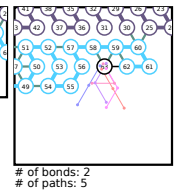
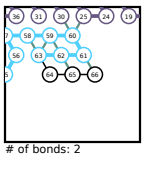

# of bonds: 2
# of paths: 5

beadtype: 64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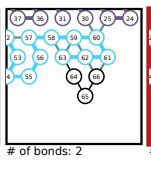
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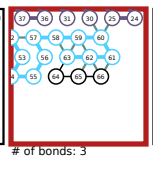
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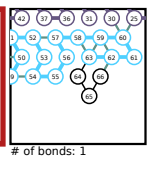
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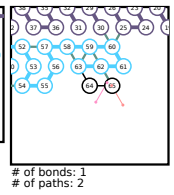
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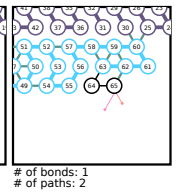
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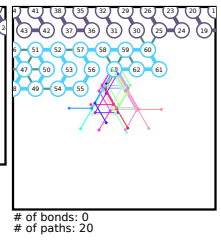
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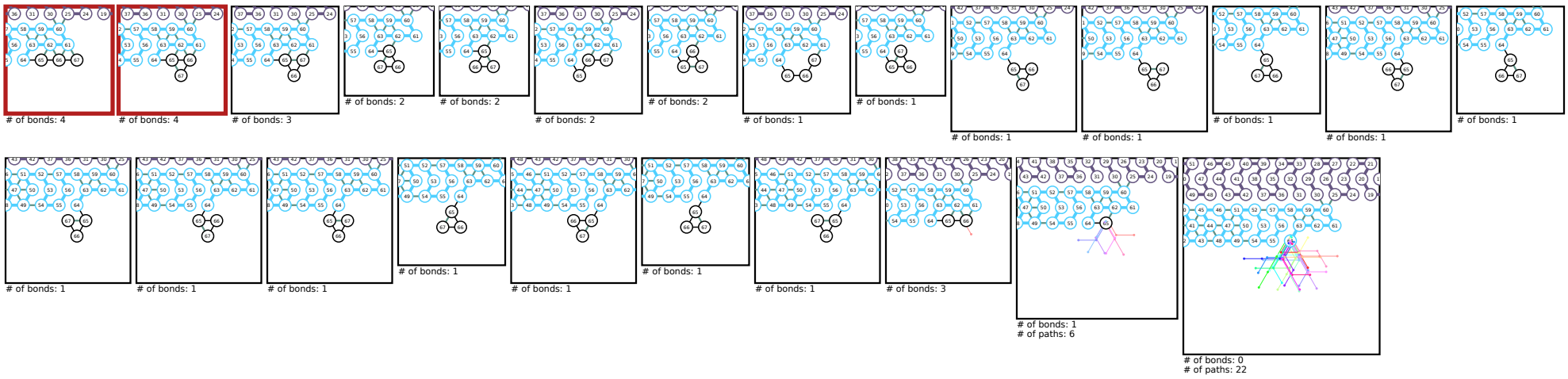

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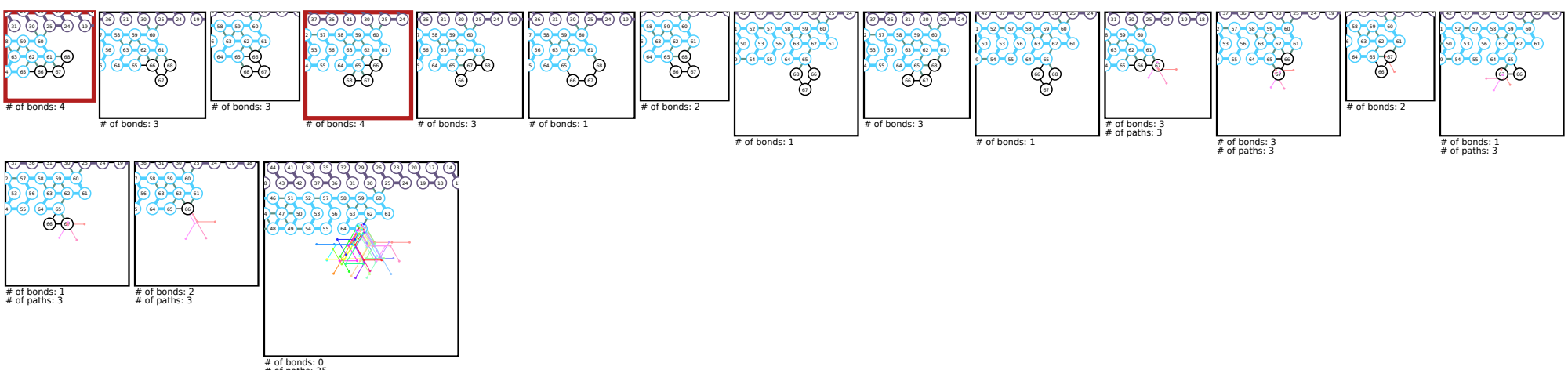

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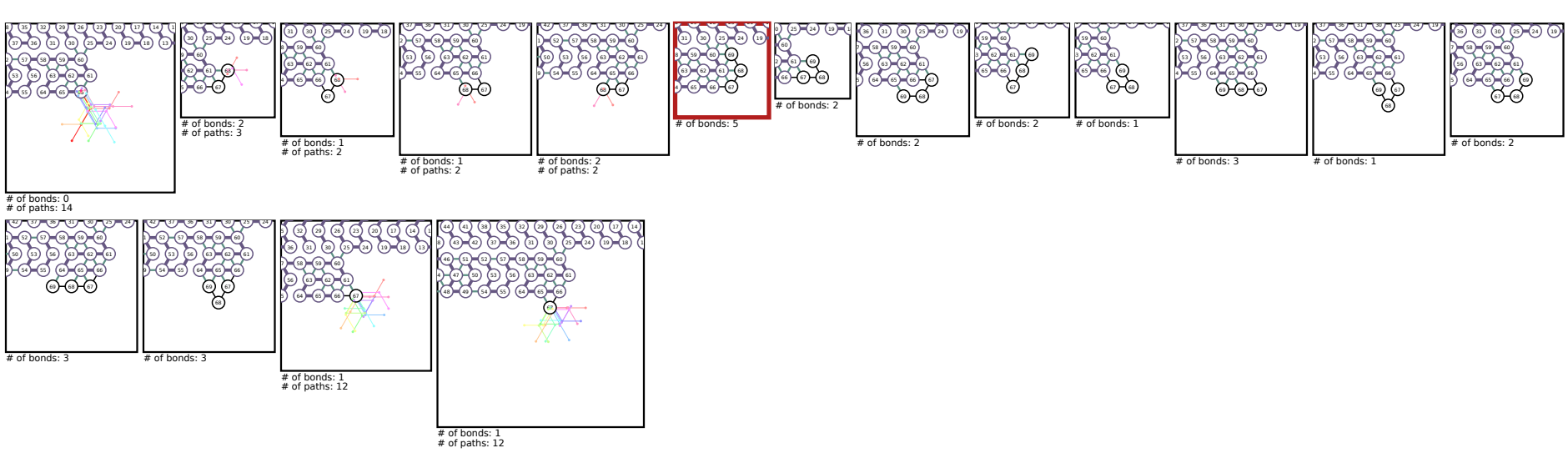

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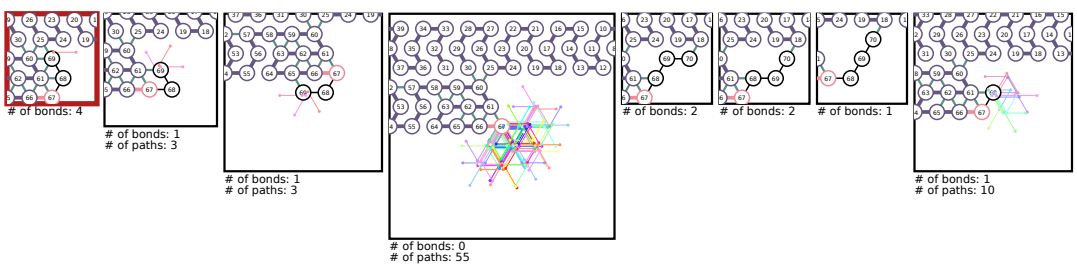

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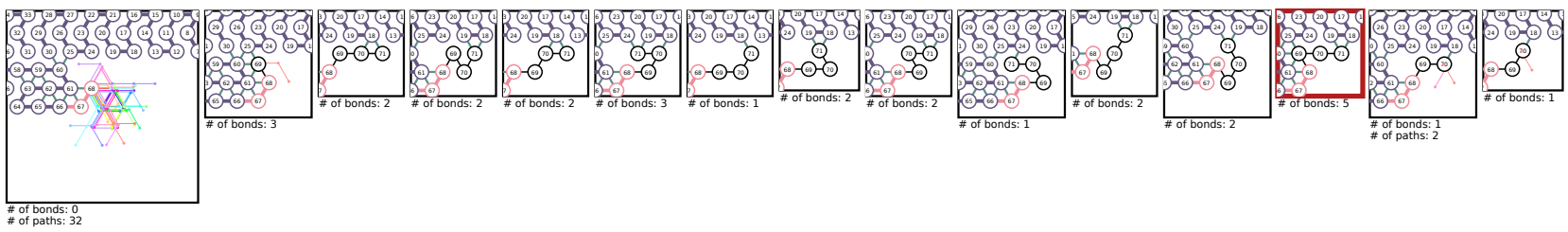

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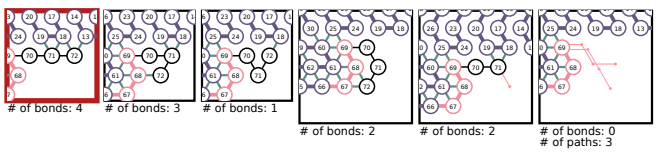

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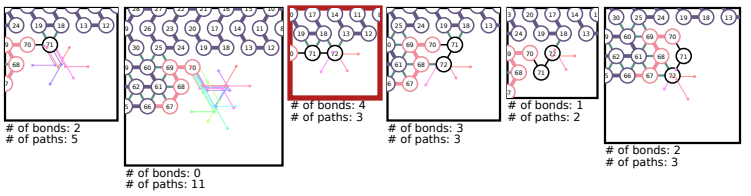

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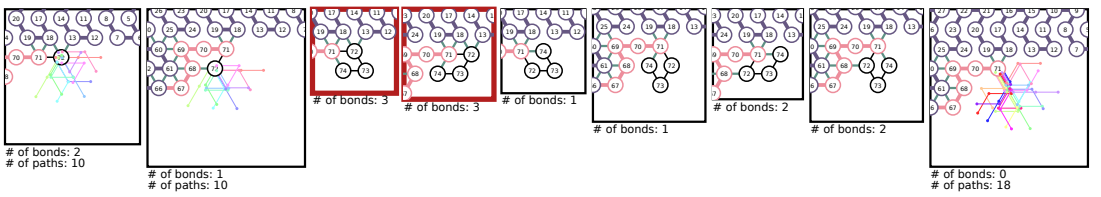

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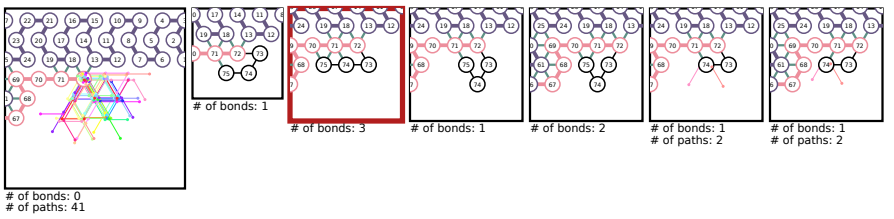

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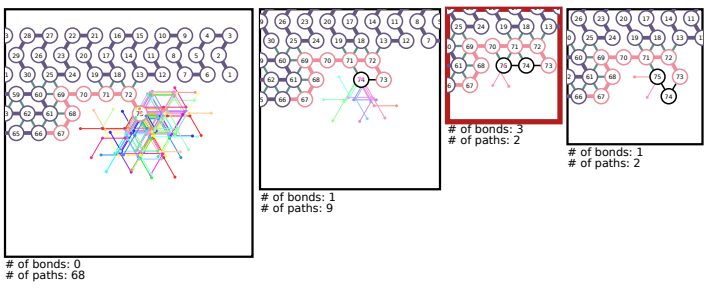

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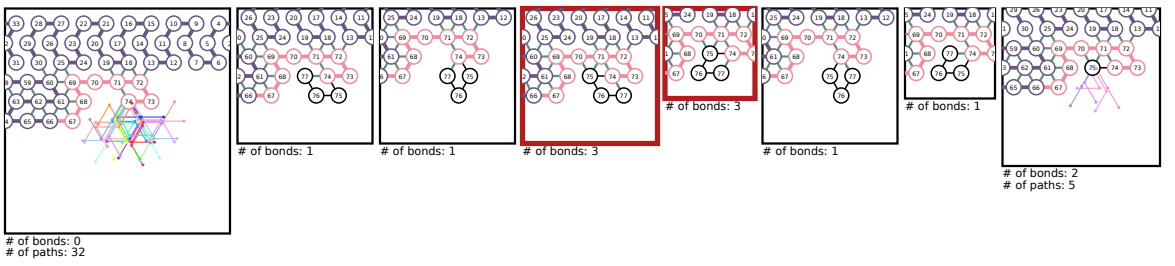

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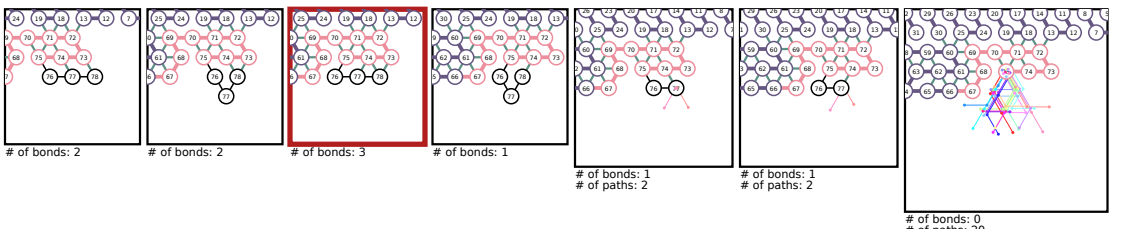

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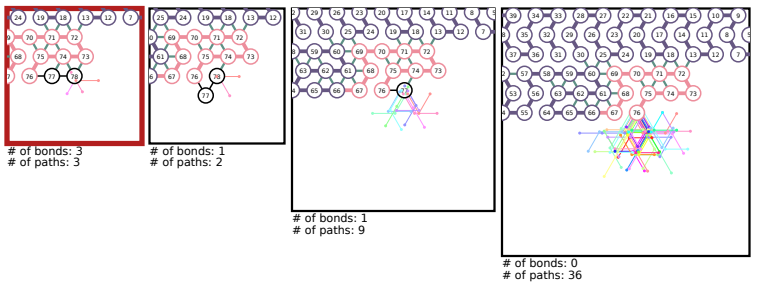

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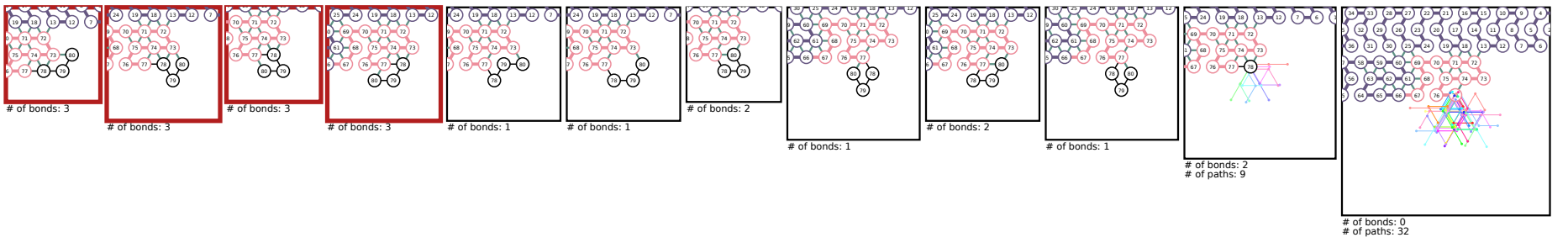

Output conformation: c