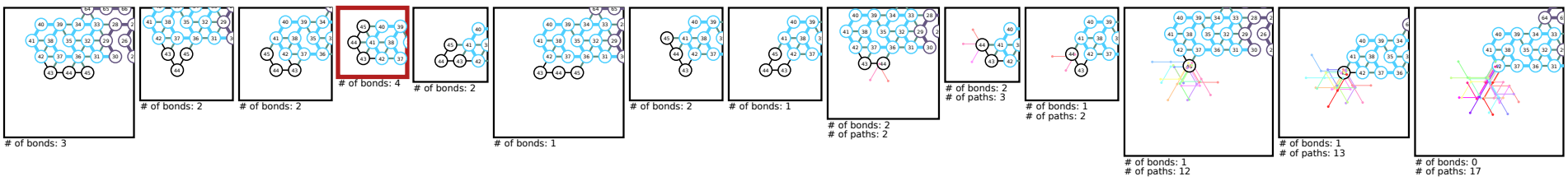
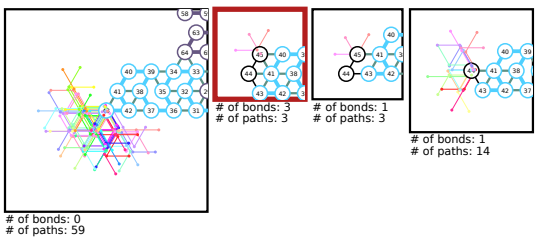
Input conformation: b

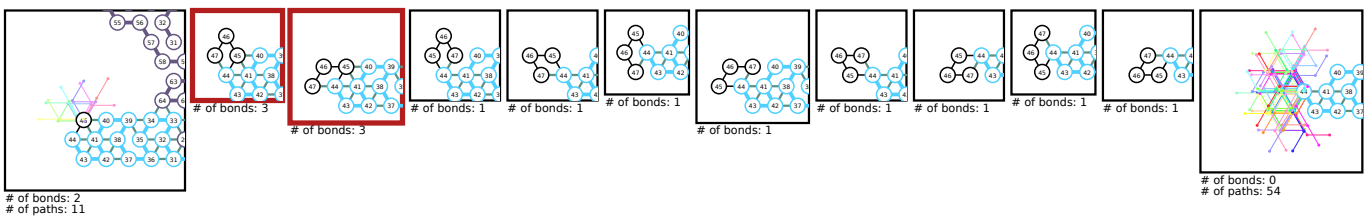
beadtype: 43



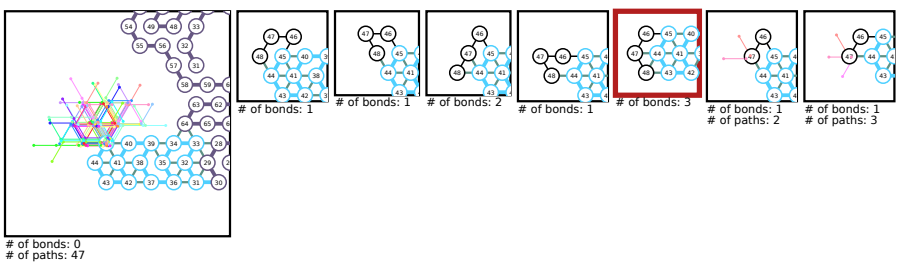
beadtype: 44



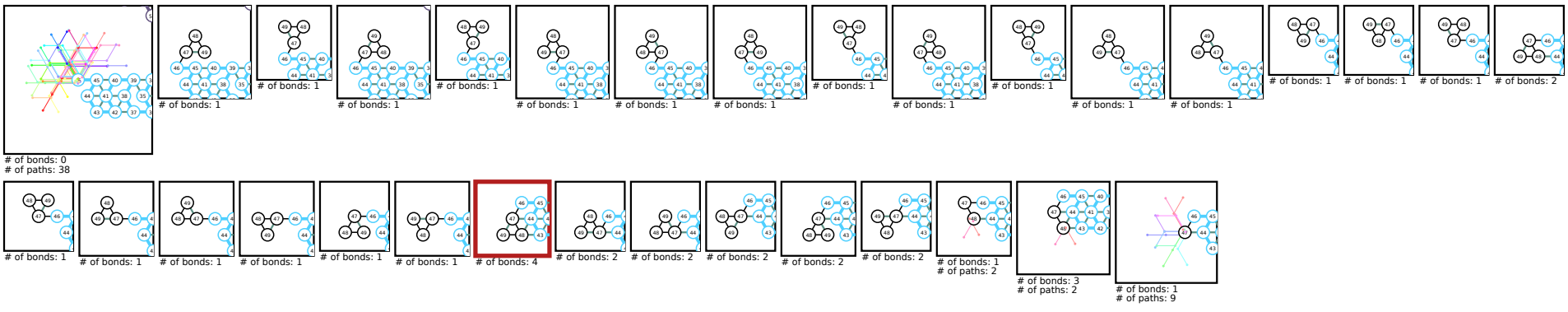
beadtype: 45



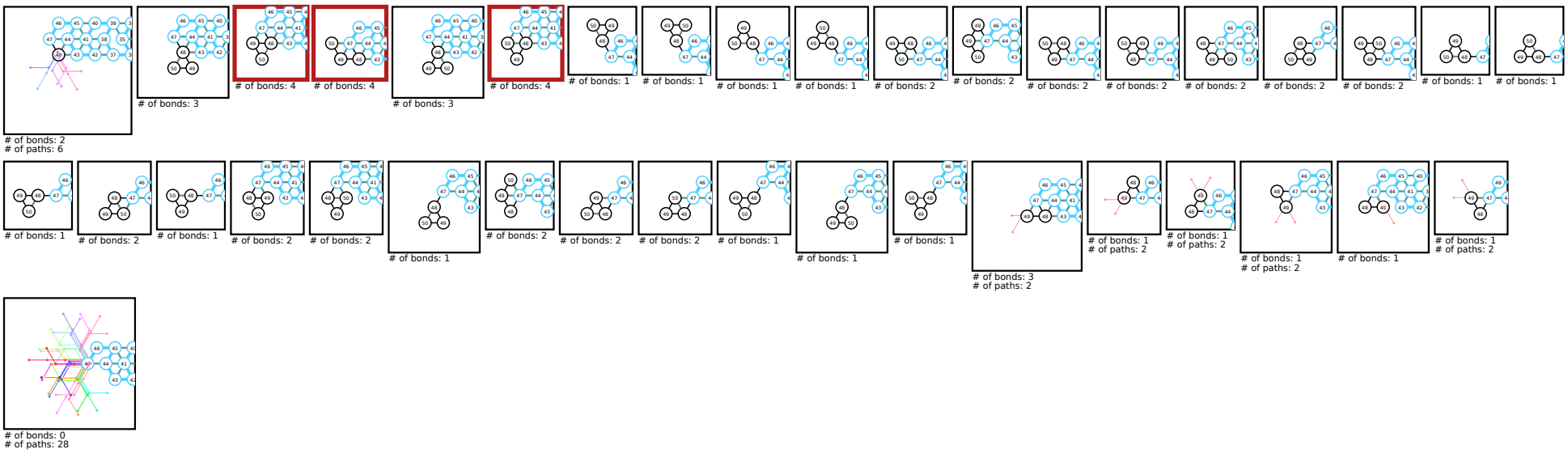
beadtype: 46



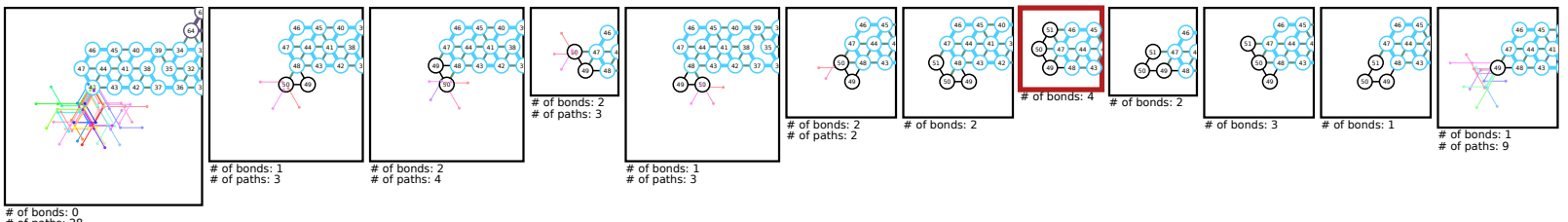
beadtype: 47



beadtype: 48



beadtype: 49



# of bonds: 0
# of paths: 28

# of bonds: 1
# of paths: 3

# of bonds: 2
# of paths: 4

# of bonds: 2
# of paths: 3

# of bonds: 1
# of paths: 3

# of bonds: 2
# of paths: 2

# of bonds: 2

# of bonds: 4

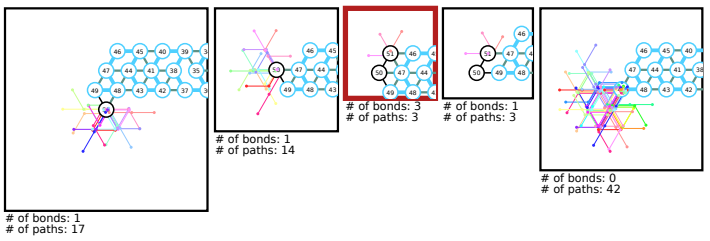
# of bonds: 2

# of bonds: 3

# of bonds: 1

# of bonds: 1
# of paths: 9

beadtype: 50



# of bonds: 1
# of paths: 17

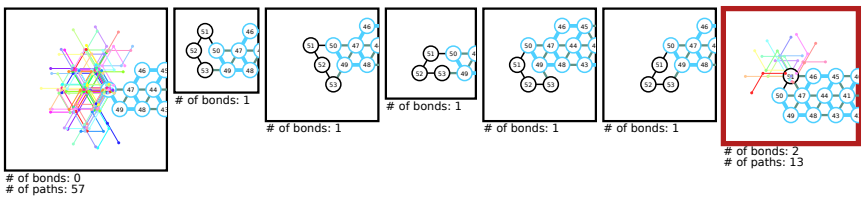
# of bonds: 1
# of paths: 14

# of bonds: 3
# of paths: 3

# of bonds: 1
# of paths: 3

# of bonds: 0
# of paths: 42

beadtype: 51



# of bonds: 0
# of paths: 57

# of bonds: 1

# of bonds: 1

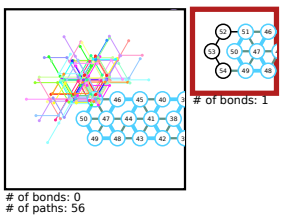
# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 2
# of paths: 13

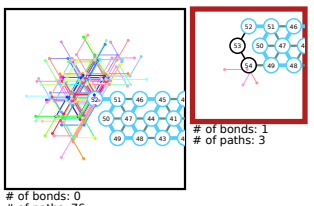
beadtype: 52



# of bonds: 0
# of paths: 56

# of bonds: 1

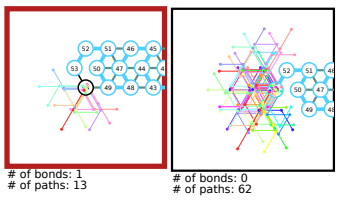
beadtype: 53



# of bonds: 0
# of paths: 76

# of bonds: 1
# of paths: 3

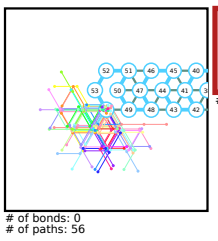
beadtype: 54



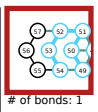
# of bonds: 1
# of paths: 13

# of bonds: 0
# of paths: 62

beadtype: 55

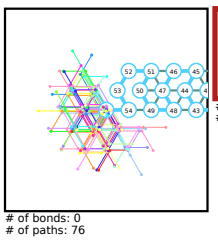


# of bonds: 0
# of paths: 56

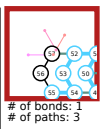


# of bonds: 1

beadtype: 56

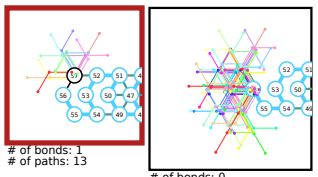


# of bonds: 0
# of paths: 76



# of bonds: 1
# of paths: 3

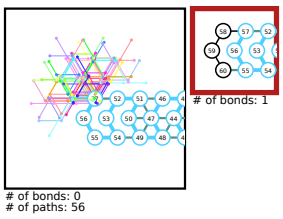
beadtype: 57



# of bonds: 1
# of paths: 13

# of bonds: 0
# of paths: 62

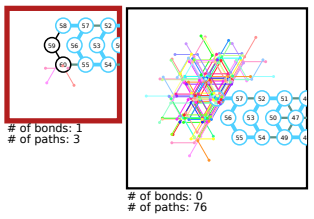
beadtype: 58



# of bonds: 1

# of bonds: 0
# of paths: 56

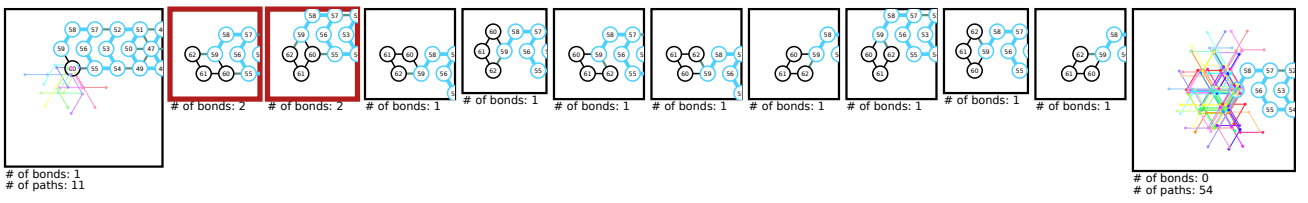
beadtype: 59



# of bonds: 1
# of paths: 3

# of bonds: 0
# of paths: 76

beadtype: 60



# of bonds: 1
# of paths: 11

# of bonds: 2

# of bonds: 2

# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 1

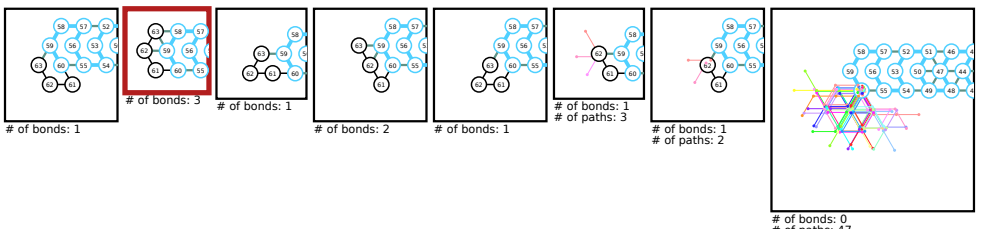
# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 0
# of paths: 54

beadtype: 61



# of bonds: 1

# of bonds: 3

# of bonds: 1

# of bonds: 2

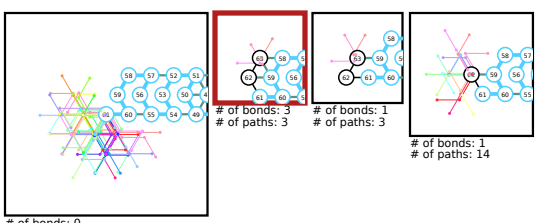
# of bonds: 1

# of bonds: 1
# of paths: 3

# of bonds: 1
# of paths: 2

# of bonds: 0
# of paths: 47

beadtype: 62



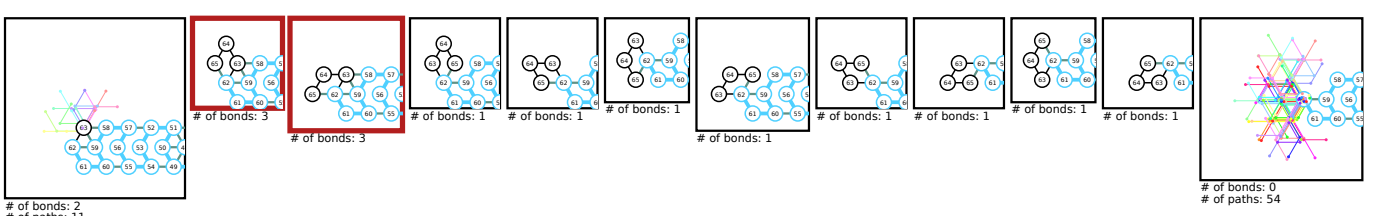
# of bonds: 3
# of paths: 3

# of bonds: 1
# of paths: 3

# of bonds: 1
# of paths: 14

# of bonds: 0
# of paths: 59

beadtype: 63



# of bonds: 2
# of paths: 11

# of bonds: 3

# of bonds: 3

# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 1

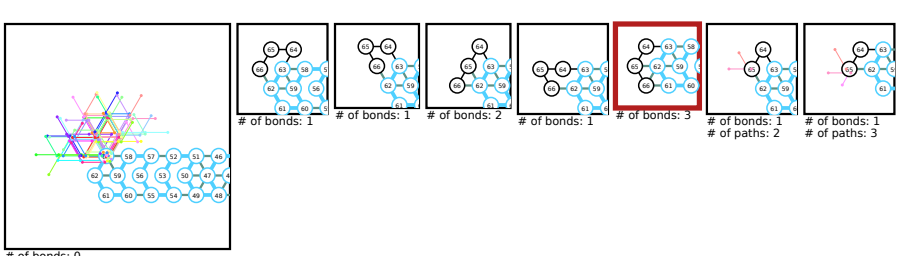
# of bonds: 1

# of bonds: 1

# of bonds: 1

# of bonds: 0
# of paths: 54

beadtype: 64



# of bonds: 0
# of paths: 47

# of bonds: 1

# of bonds: 1

# of bonds: 2

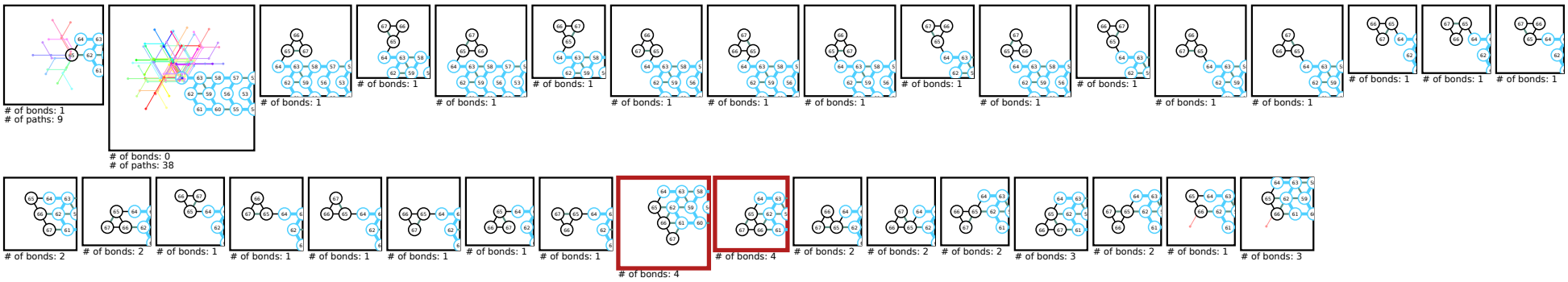
# of bonds: 1

# of bonds: 3

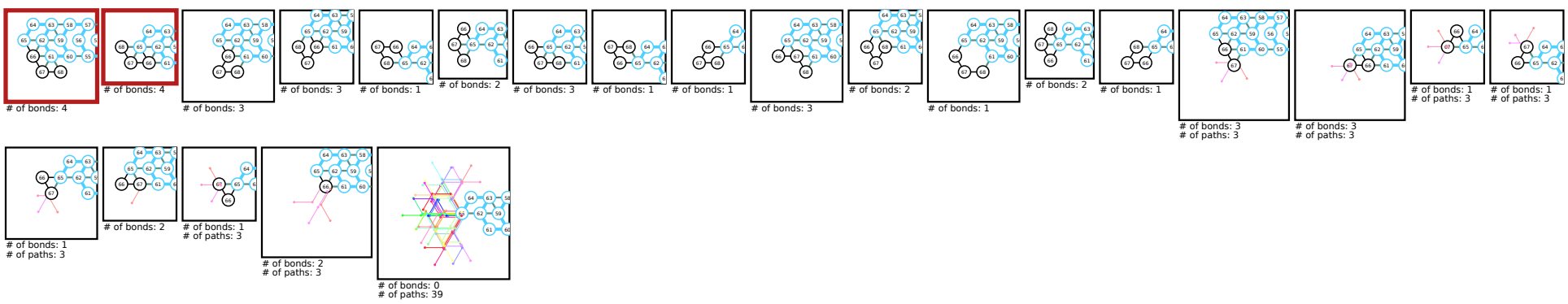
# of bonds: 1
# of paths: 2

# of bonds: 1
# of paths: 3

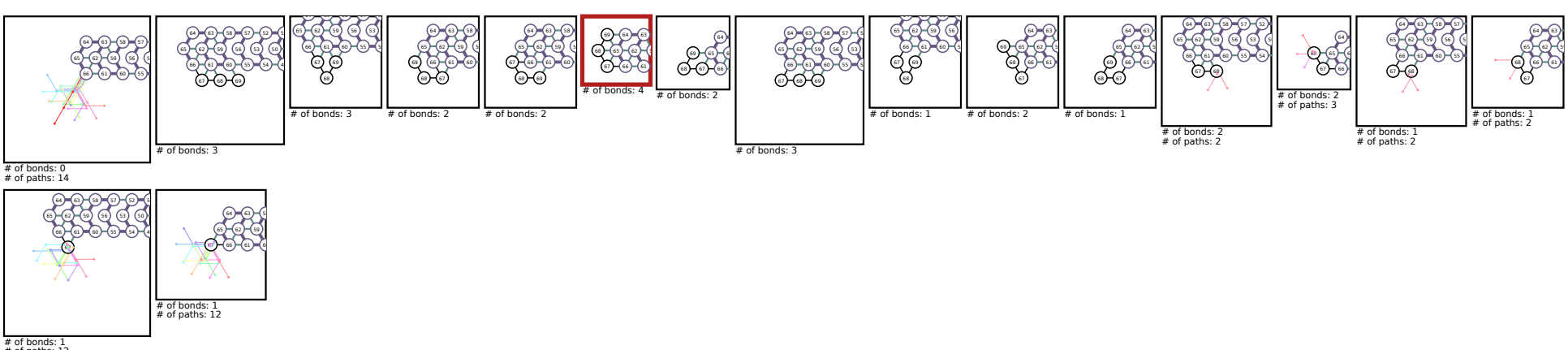
beadtype: 65



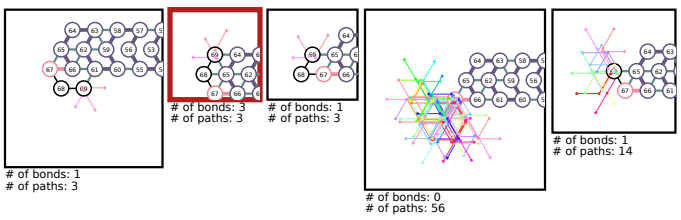
beadtype: 66



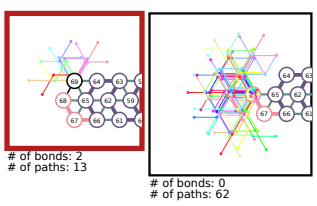
beadtype: 67



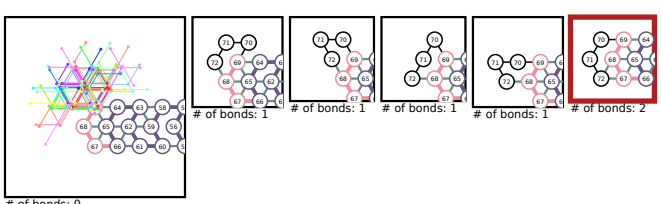
beadtype: 68



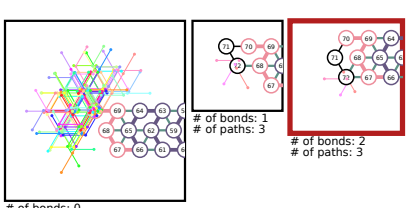
beadtype: 69



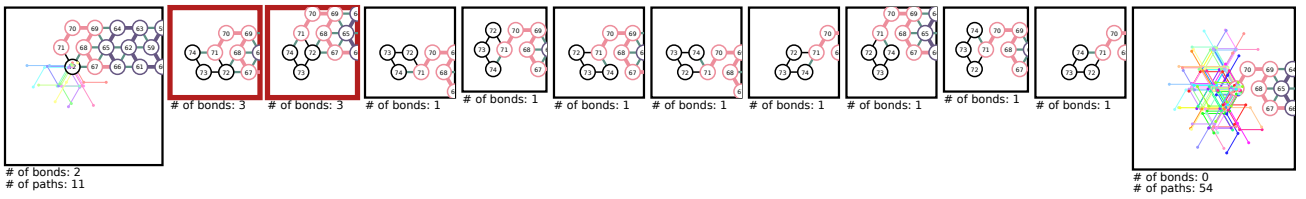
beadtype: 70



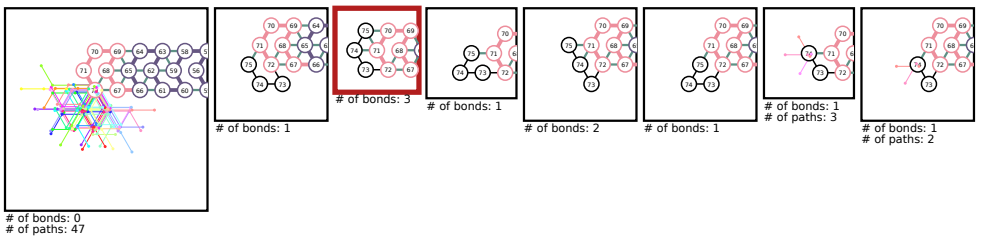
beadtype: 71



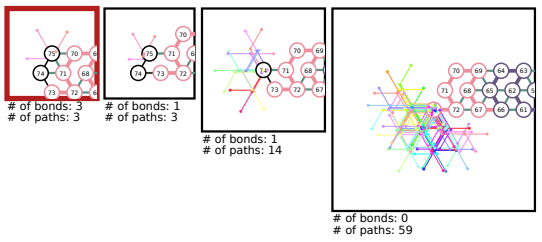
beadtype: 72



beadtype: 73



beadtype: 74



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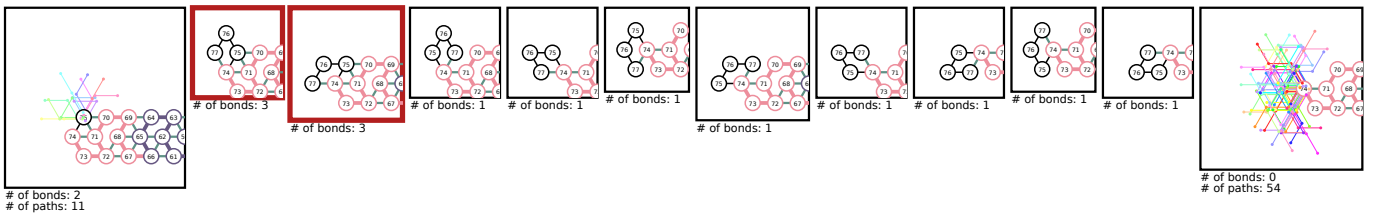
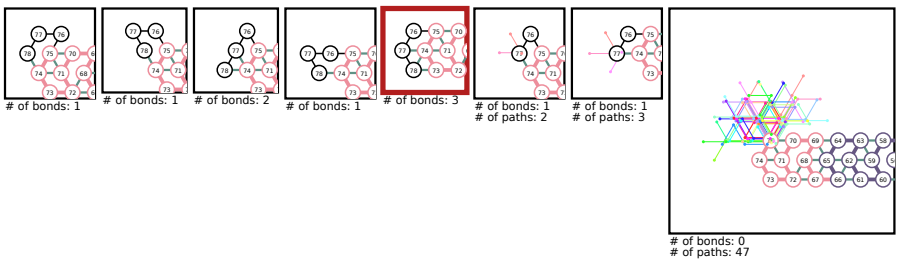
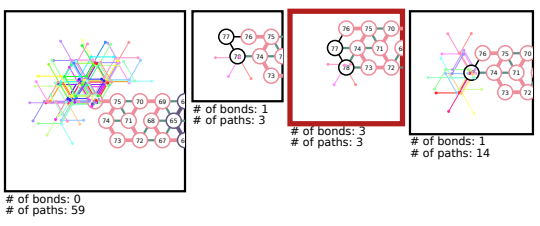


beadtype: 76



beadtype: 77



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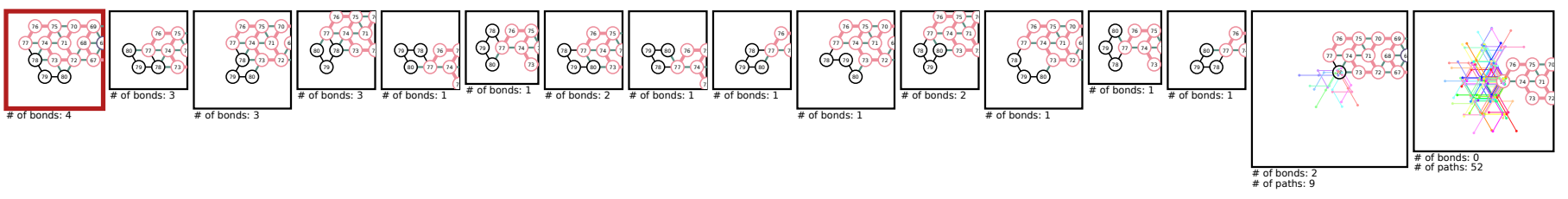

Output conformation: b