

.11 Knitting pattern of chromosomes presented on the cover of the thesis



Abbreviations: k – knit

ssk – slip, slip, knit

k2tog – knit two together

m1L – make one left

m1R – make one right

()x – repeat x times

() at the end – stitch count

Pattern:

First chromatid:

1: cast on 32 stitches using the provisional cast on, join in the round

2 – 9: k (32)

10: k13, k2tog, k2, ssk, k13 (30)

11 – 18: k (30)

19: k12, k2tog, k2, ssk, k12 (28)

20 – 26: k (28)

27: k11, k2tog, k2, ssk, k11 (26)

28 – 33: k (26)

34: k10, k2tog, k2, ssk, k10 (24)

35 –39: k (24)

40: k9, k2tog, k2, ssk, k9 (22)

41 – 42: k (22)

43: k8, k2tog, k2, ssk, k8 (20)

44: k (20)

45: k7, k2tog, k2, ssk, k7 (18)

46-48: k (18)

49: k8, m1L, k2, m1R, k8 (20)

50: k (20)

51: k9, m1L, k2, m1R, k9 (22)

52 – 53: k (22)

54: k10, m1L, k2, m1R, k10 (24)

55 – 59: k (24)

At this point sew in the first elemnt of a snap to the flat part of the constriction, using a piece of tightly woven fabric as a backing to reinforce the snap in place.

60: k11, m1L, k2, m1R, k11 (26)

61 – 65: k (26)

66: k10, m1L, k2, m1R, k10 (28)

67 – 73: k (28)

74: k11, m1L, k2, m1R, k11 (30)

75–80: k (30)

81: k11, m1L, k2, m1R, k11 (32)

82 – 87: k (32)

88: (k3,k2tog)x8 (24)

89-91: k (24)

92: (k2, k2tog)x8 (16)

93-95: k (16)

93: (k, k2tog)x8 (8)

Break the yarn, pull it through the live stitches and pull to close the opening.

Unravel the provisional cast on and transfer the stitches to the needles.

Stuff the chromatid with a stuffing.

1 – 2: k (32)

3: (k3,k2tog)x8 (24)

4 – 7: k (24)

8: (k2, k2tog)x8 (16)

9 – 11: k (16)

12: (k, k2tog)x8 (8)

Stuff the chromatid to its full capacity. Break the yarn, pull it through the live stitches and pull to close the opening.

Then prepare the other chromatid, using the same instructions. Join two chromatids using the snaps.