Animal cell structure in crewel

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.8 × 4.8 in (12.2 × 12.2 cm).



Which color goes where.

Stitches

- **Stem stitch**, 1 to 3 strands
  Fibers, nucleus ring edges, chromatin, reticulum edges, mitochondria edges, golgi edges, peroxisome edge
- **Padded satin stitch**, 2 strands
  Vesicles, golgi vesicles, lysosomes, swallowed vesicle
- **Long and short stitch**, 1 strand
  Nucleus rings, mitochondria
- **French knot**, 1 to 2 strands, two wraps
  Nucleolus, nuclear pores, ribosomes
- **Chain stitch**, 2 to 3 strands
  Nuclear envelope, membrane outside, membrane inside
- **Satin stitch**, 2 strands
  Reticulum ribbons, golgi crescents, centrioles
- **Back stitch**, 2 strands
  Mitochondria folds, lysosome edges, swallowed vesicle, centrioles
- **Trellis stitch**, 2 strands
  Peroxisome

Floss

- **DMC 470 Light Avocado Green**
  Fibers, lysosomes and lysosome edges (darker)
- **DMC 153 Very Light Violet**
  Peroxisome (darker), nuclear envelope and chromatin and 3 more parts
- **DMC 3822 Light Straw**
  Membrane inside, golgi crescents (light), centrioles (darker) and 4 more parts
- **DMC 3834 Dark Grape**
  Nucleus rings (darkest), nucleus ring edges
- **DMC 3835 Medium Grape** Nucleus rings (dark)
- **DMC 3836 Light Grape**
  Nucleus rings (light), peroxisome edge
- **DMC 3820 Dark Straw**
  Golgi crescents (middle), nucleolus (darker), golgi edges (lighter), nuclear pores
- **DMC 597 Turquoise** Reticulum ribbons (darker)
- **DMC 598 Light Turquoise**
  Membrane outside, reticulum ribbons (lighter), swallowed vesicle (darker)
- **DMC 3809 Very Dark Turquoise** Reticulum edges
- **DMC 712 Cream**
  Mitochondria folds and ribosomes, centrioles (lighter)
- **DMC 351 Coral** Mitochondria (light)
- **DMC 349 Dark Coral**
  Mitochondria edges, mitochondria (darkest)
- **DMC 350 Medium Coral** Mitochondria (dark)
- **DMC 352 Light Coral** Mitochondria (lightest)
- **DMC 782 Dark Topaz**
  Golgi edges (darker), golgi crescents (dark)
- **DMC 472 Ultra Light Avocado Green**
  Lysosome edges and lysosomes (lighter)

Stitches, continued

- **Straight stitch**, 3 strands
  Centrioles

Three ways to transfer the pattern

1. **Fabric you can see through**
   Tape page 2 to a sunny window or lay it on a light box, tape the fabric over it and trace the lines with a sharp pencil or a water-soluble pen.
2. **Fabric you cannot see through**
   Lay dressmaker's carbon paper colored side down on the fabric with page 2 on top, tape the layers and trace the lines firmly with a ballpoint pen.
3. **Iron-on**
   Go over the lines of page 3, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron.

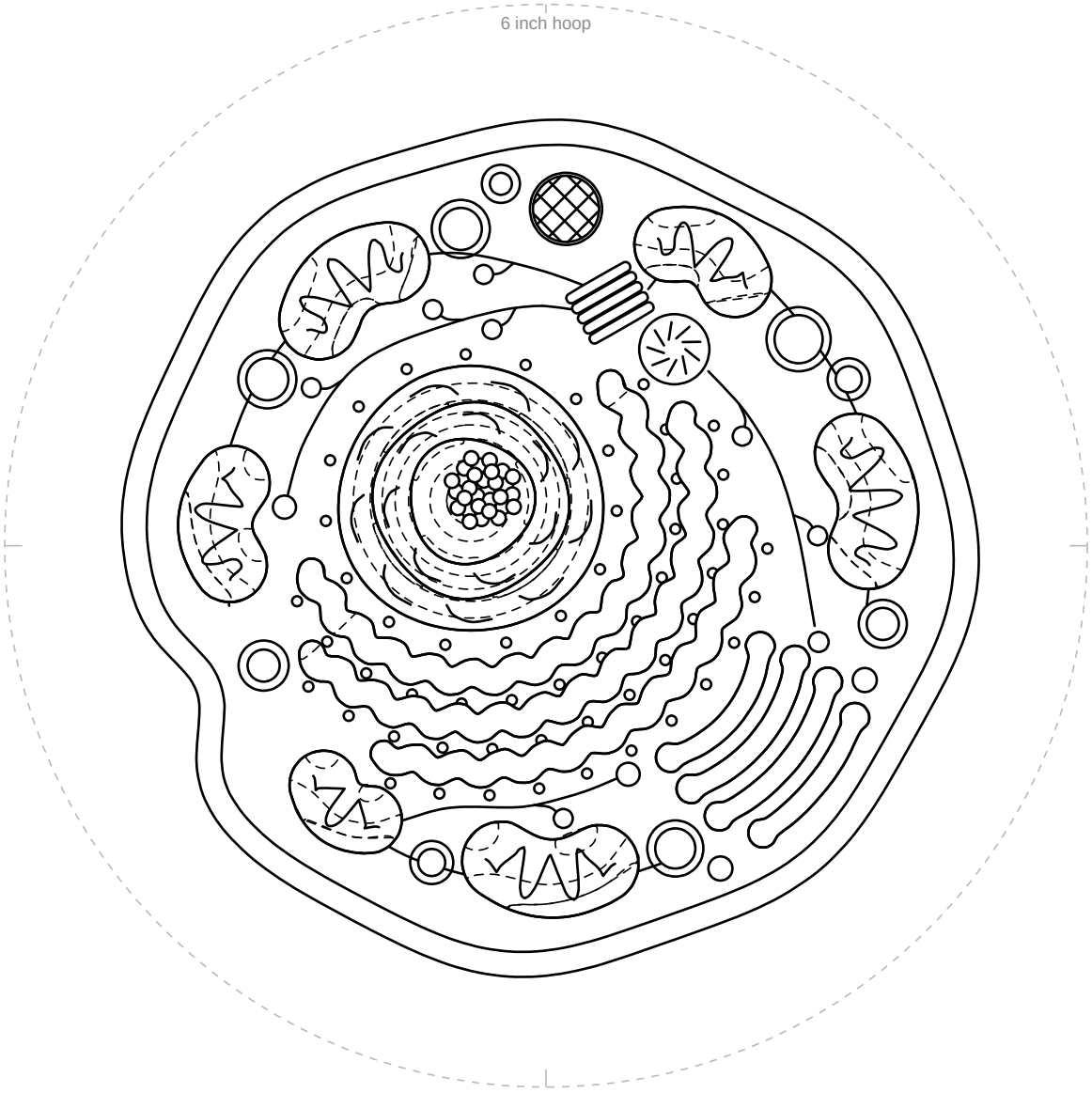
Pages 2 and 3 are the pattern at actual size. Print them at 100% with scaling turned off.

For your own stitching, gifts and handmade pieces you sell. Do not resell or share this PDF.

Animal cell structure in crewel

6 inch hoop

Print at 100% (actual size). Do not scale or fit to page. Check the square below with a ruler before you trace.



1 in
25.4 mm

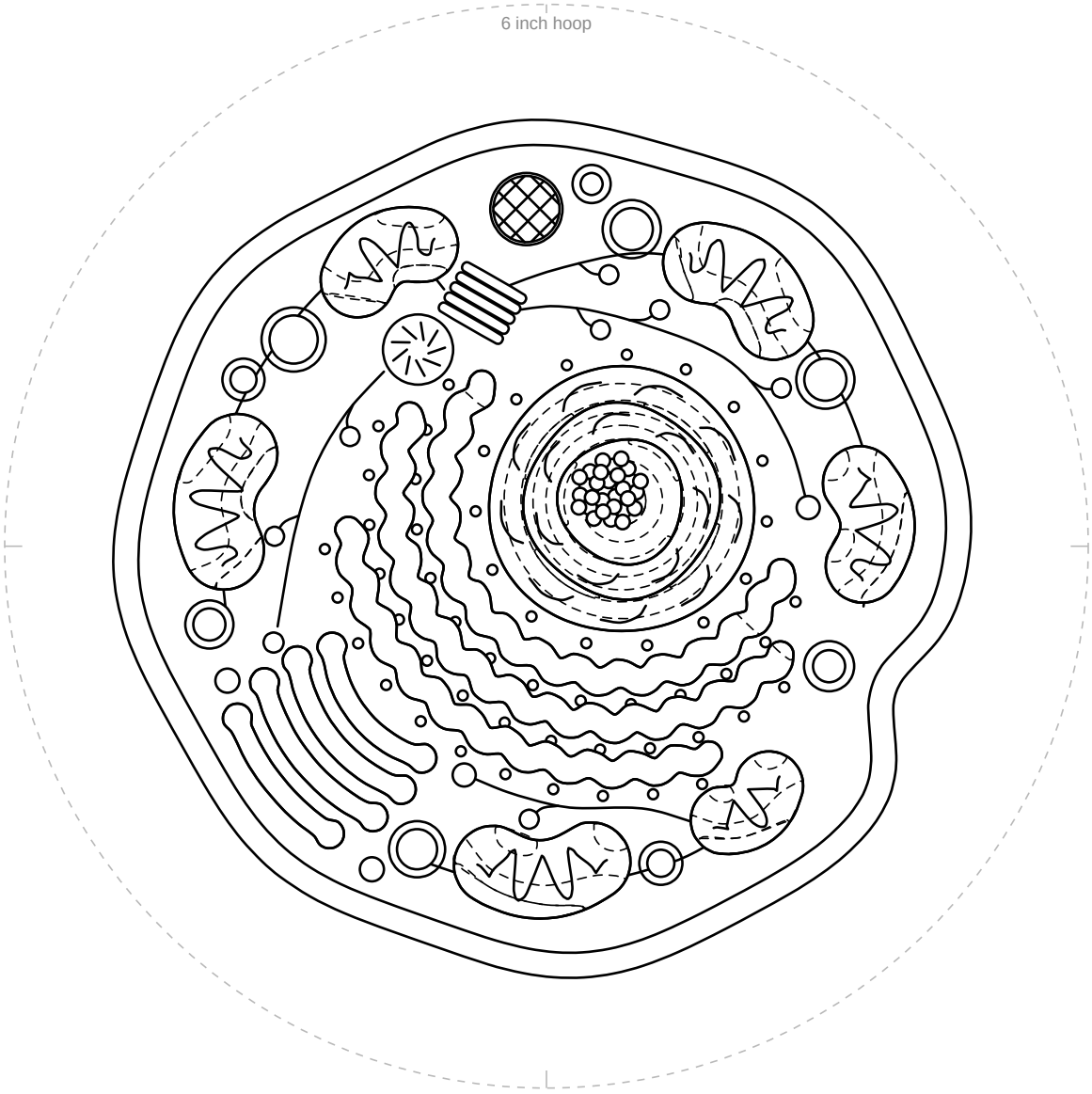
Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

For your own stitching, gifts and handmade pieces you sell. Do not resell or share this PDF.

Animal cell structure in crewel

6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

For your own stitching, gifts and handmade pieces you sell. Do not resell or share this PDF.