

Download How To Clone A Sheep

Cloning Dolly the sheep. A clone has the same DNA sequence as its parent and so they are genetically identical. Several clones had been produced in the lab before Dolly, including frogs, mice, and cows, which had all been cloned from the DNA from embryos. Dolly was remarkable in being the first mammal to be cloned from an adult cell. The sheep were all cloned using the same method that created Dolly, called somatic-cell nuclear transfer. In this process, scientists remove the DNA (located in the nucleus of a cell) from a cell of the original animal (in this case, from the mammary gland of the original sheep), then transfer it into the nucleus of an egg cell. The purpose of Sheep 101 is to teach people about sheep, their products, how they are raised, and their contributions to society. The gastric brooding frog lays its eggs just like any other frog — then swallows them whole to incubate.