

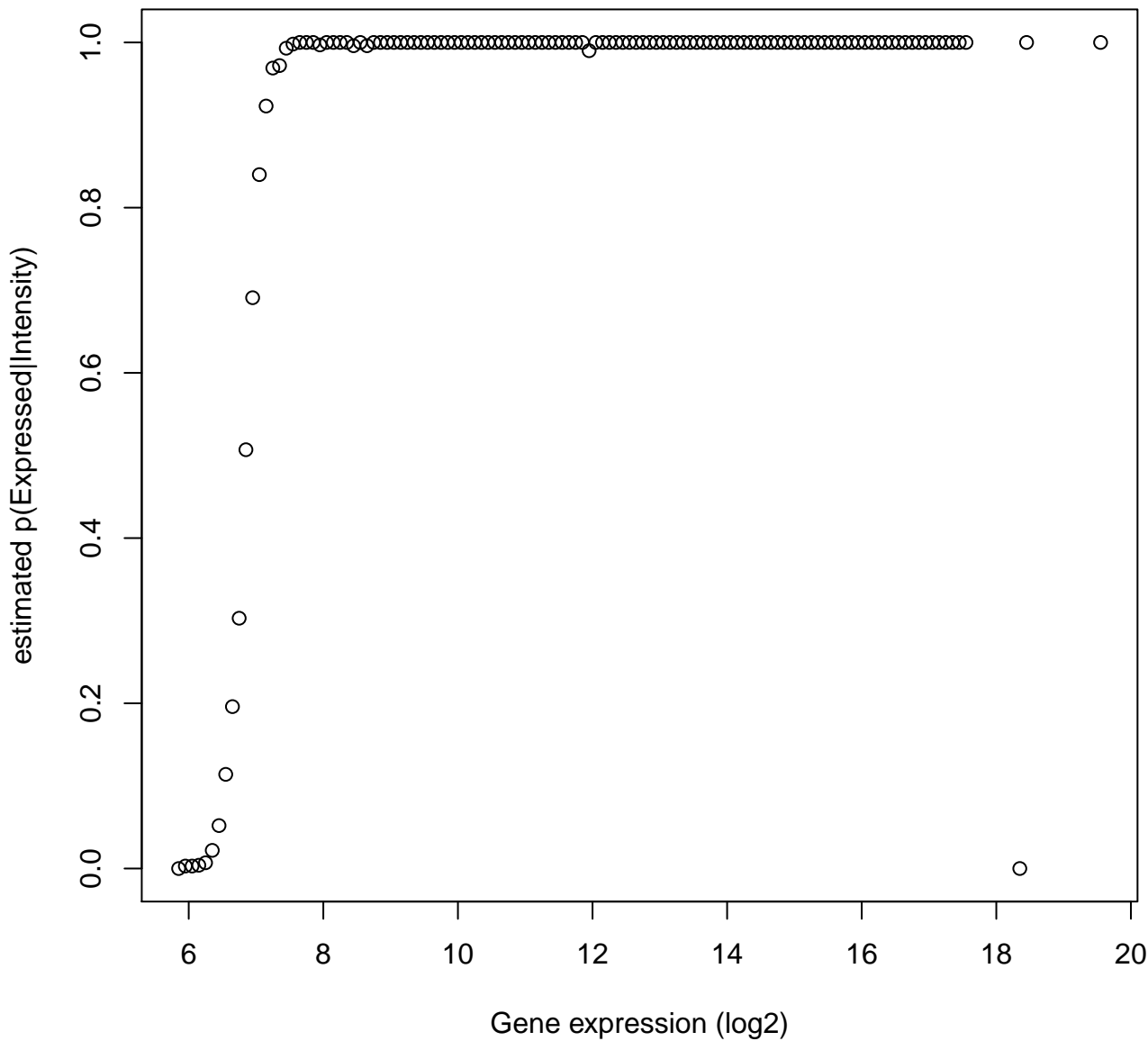
**Supplemental Figure SF3** (2 x 24 pages)

Page A. Conditional probabilities ( $\Pr(E|I)$ ) per intensity bin of 0.25 log<sub>2</sub> intensity units calculated for the indicated egg.

Page B. Histogram of log<sub>2</sub> intensity values of low-variance and high-variance probes for the indicated egg. The height of the bars indicate the number of probes present in a bin of 0.25 log<sub>2</sub> intensity units. The cut-off above which a probe is considered to be expressed in this egg is indicated by a vertical black line.

# Egg 1 mother 1

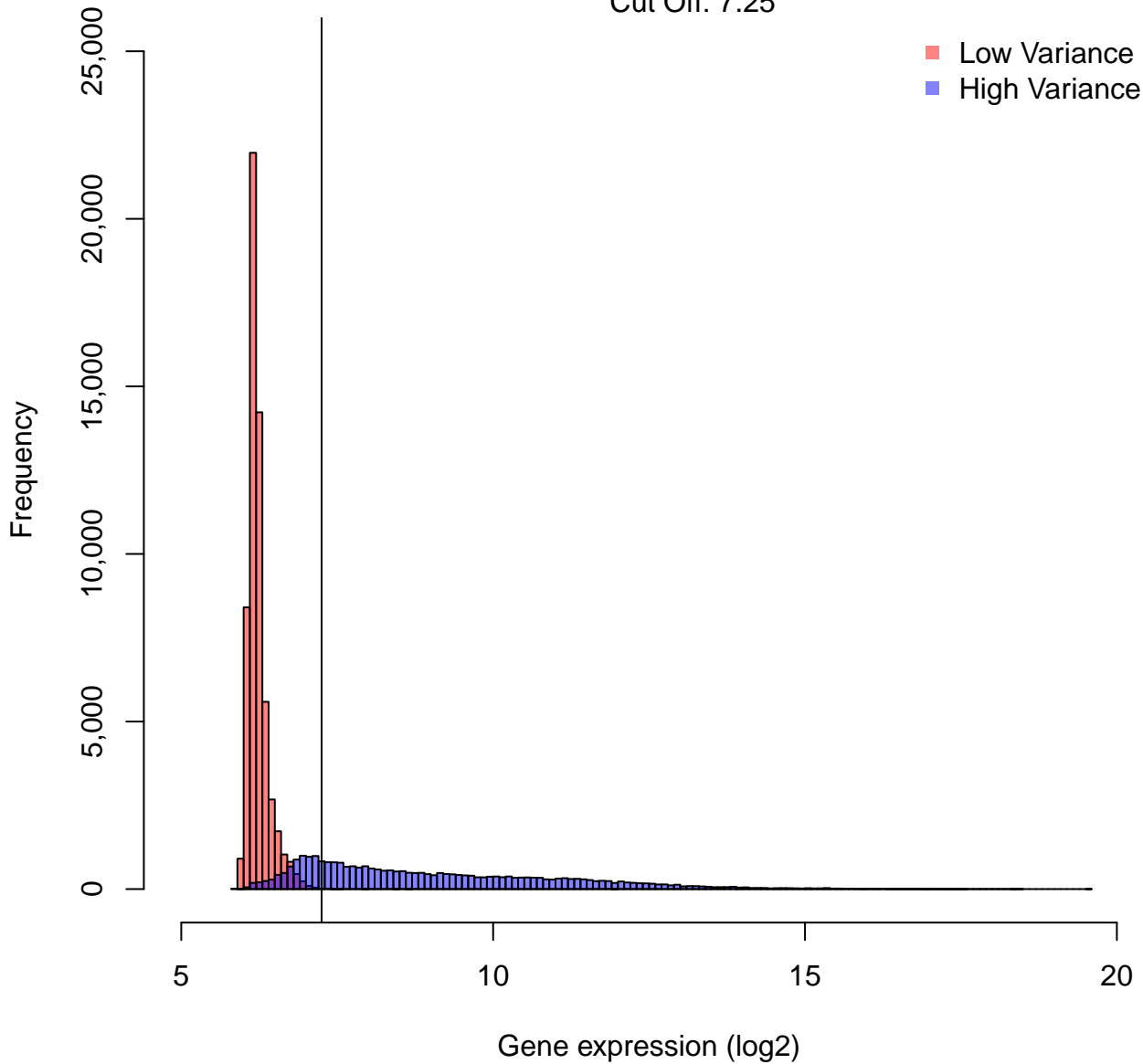
# A



# Egg 1 Mother 1

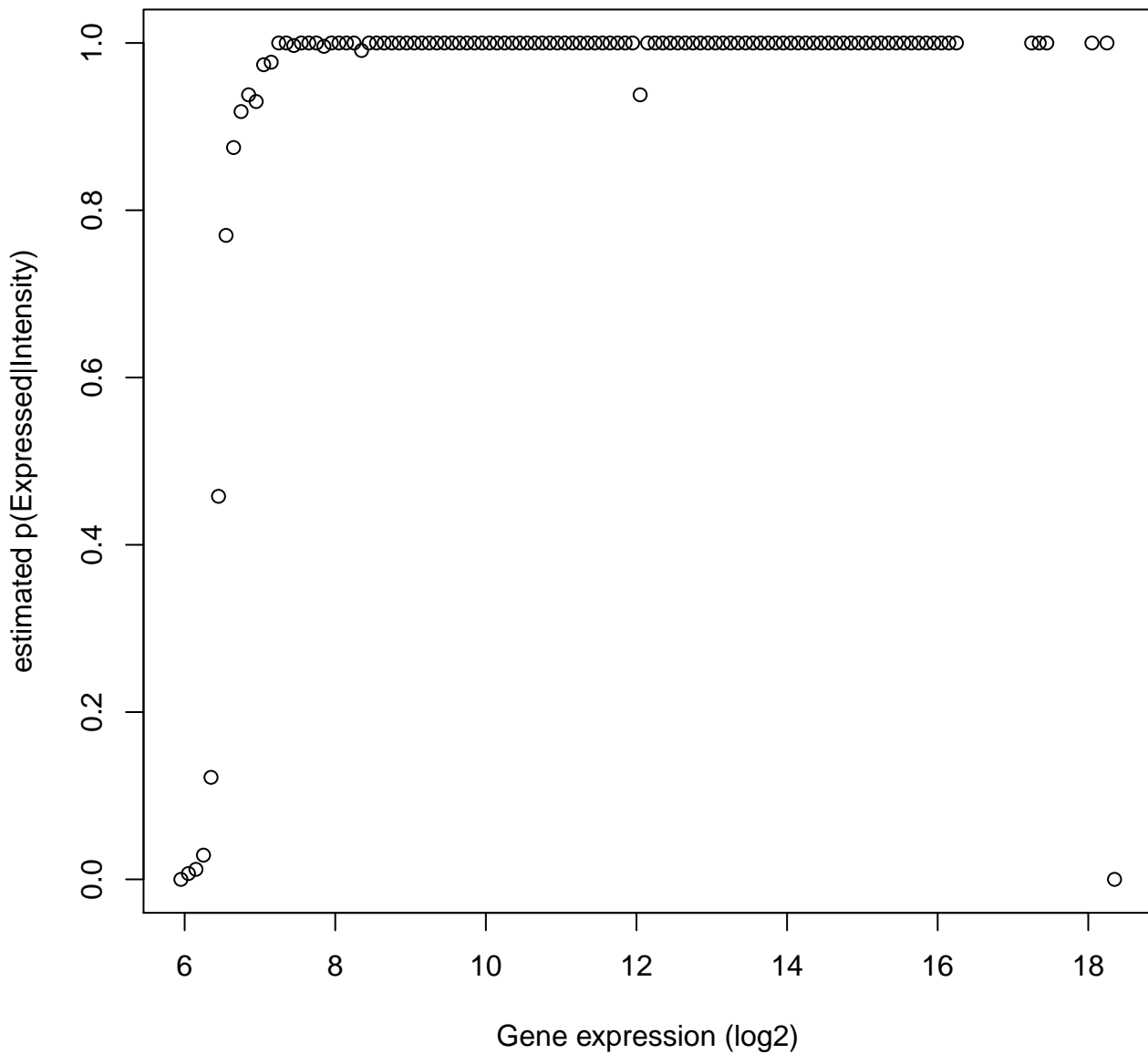
**B**

Cut Off: 7.25



# Egg 2 mother 1

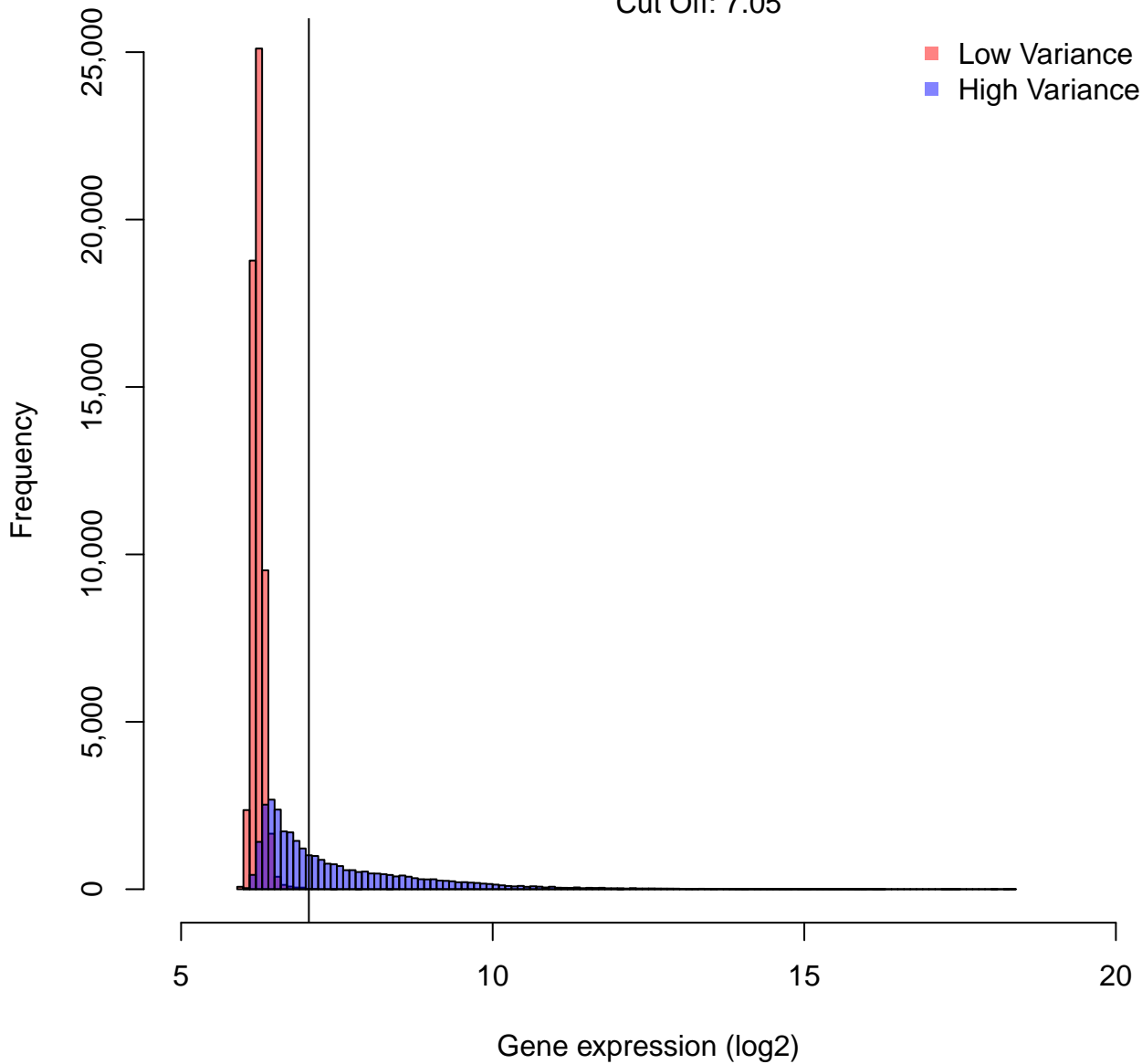
# A



# Egg 2 mother 1

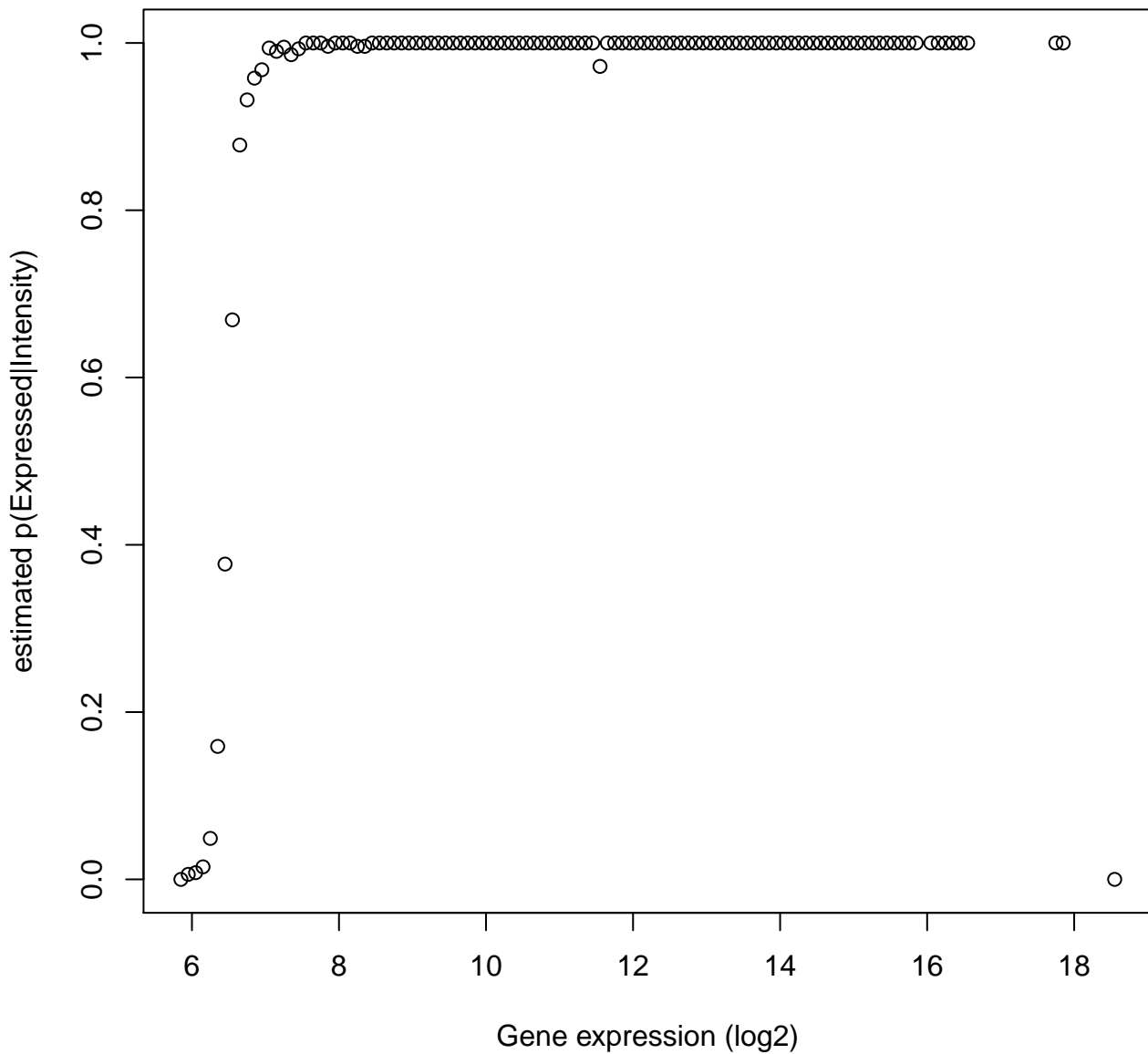
**B**

Cut Off: 7.05



# Egg 3 mother 1

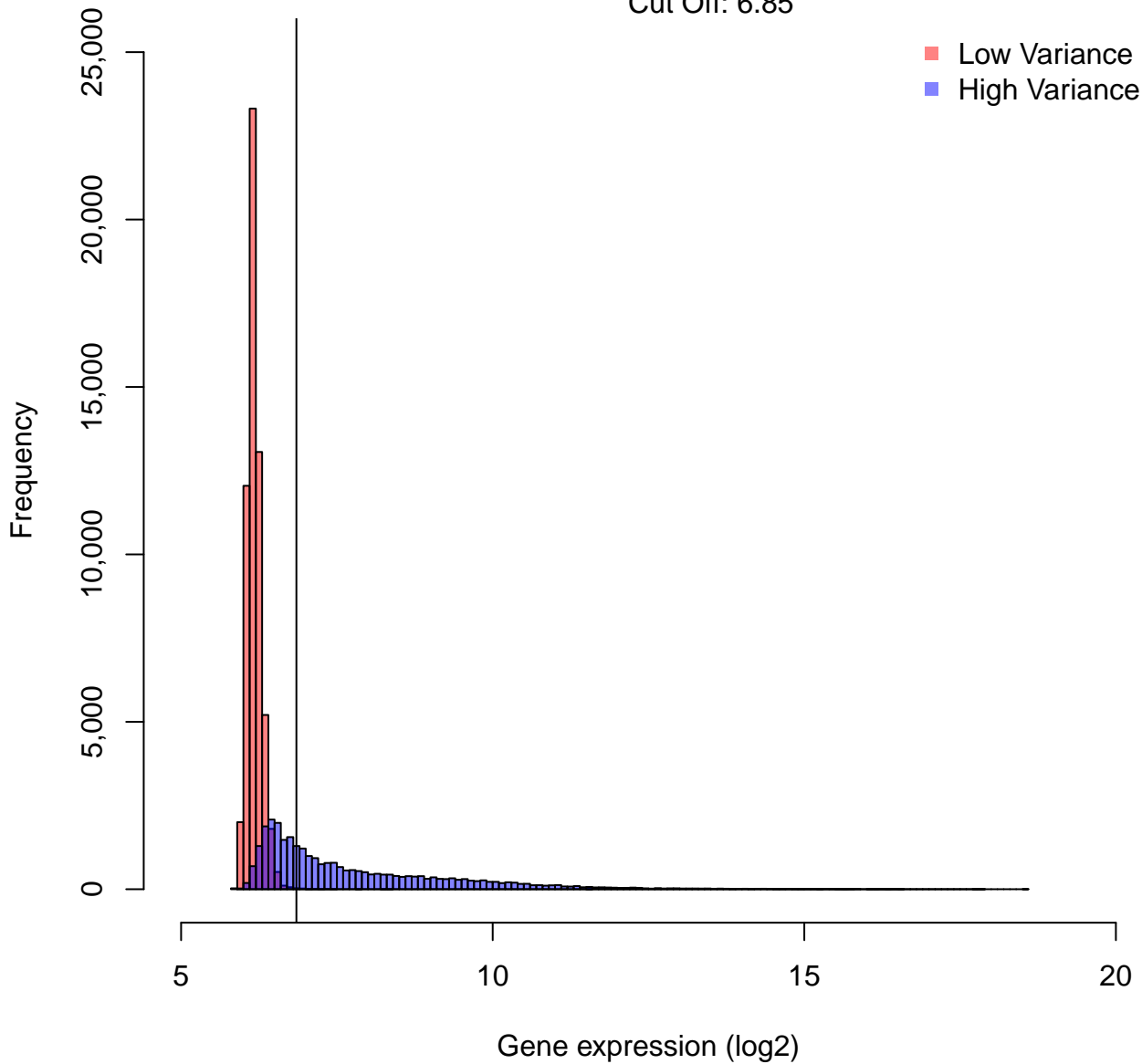
A



# Egg 3 mother 1

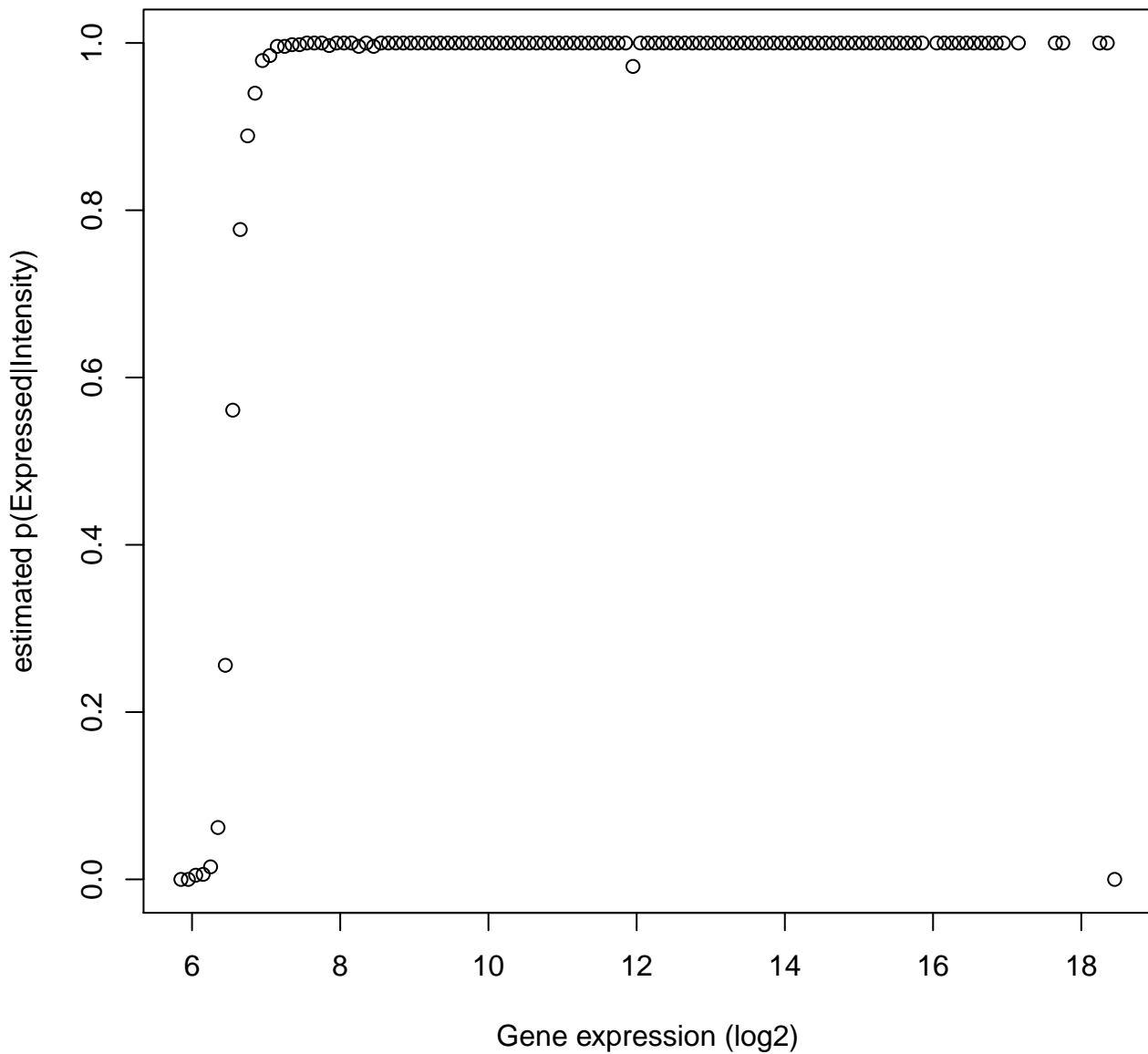
**B**

Cut Off: 6.85



# Egg 4 mother 1

A

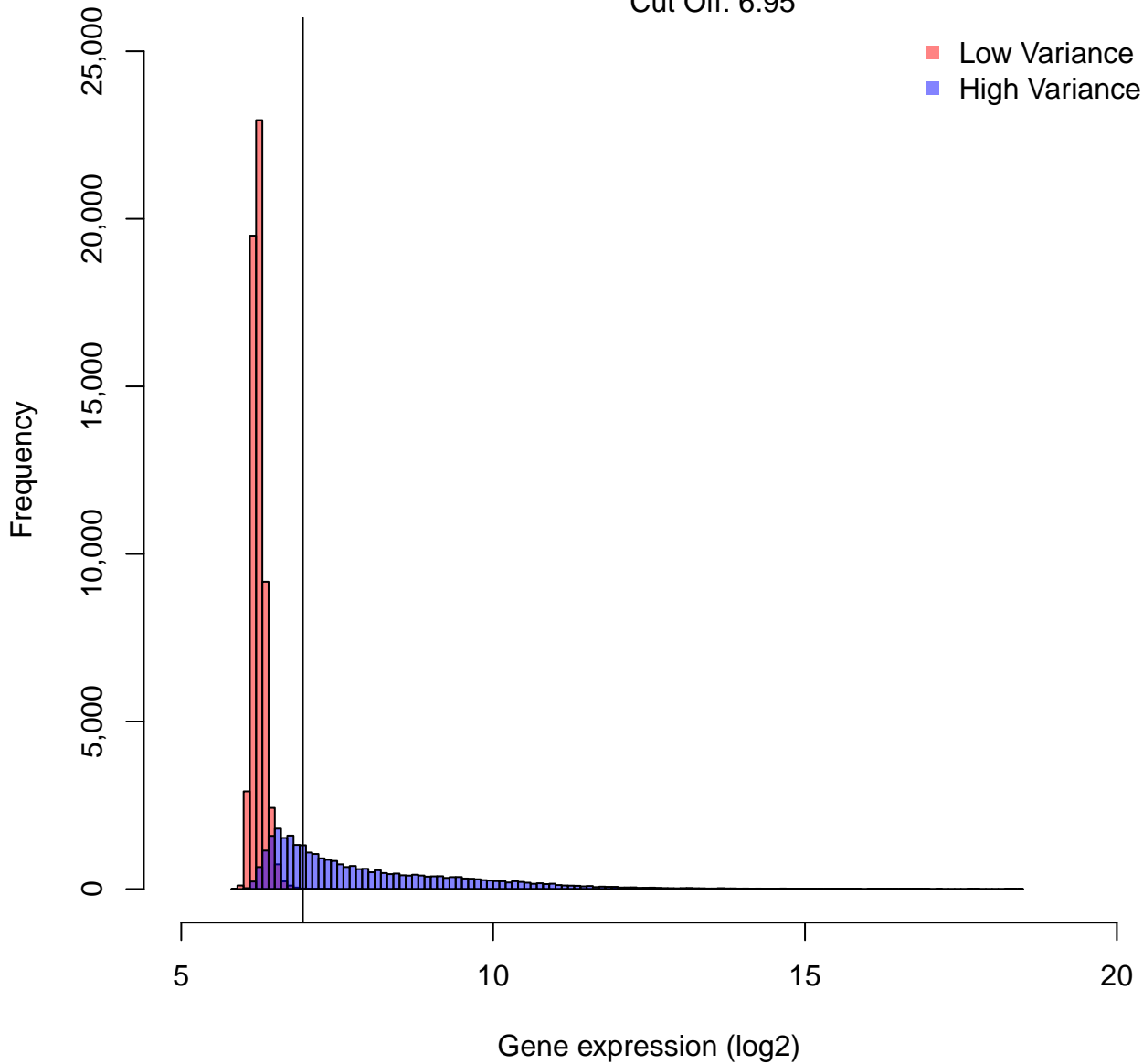




# Egg 4 mother 1

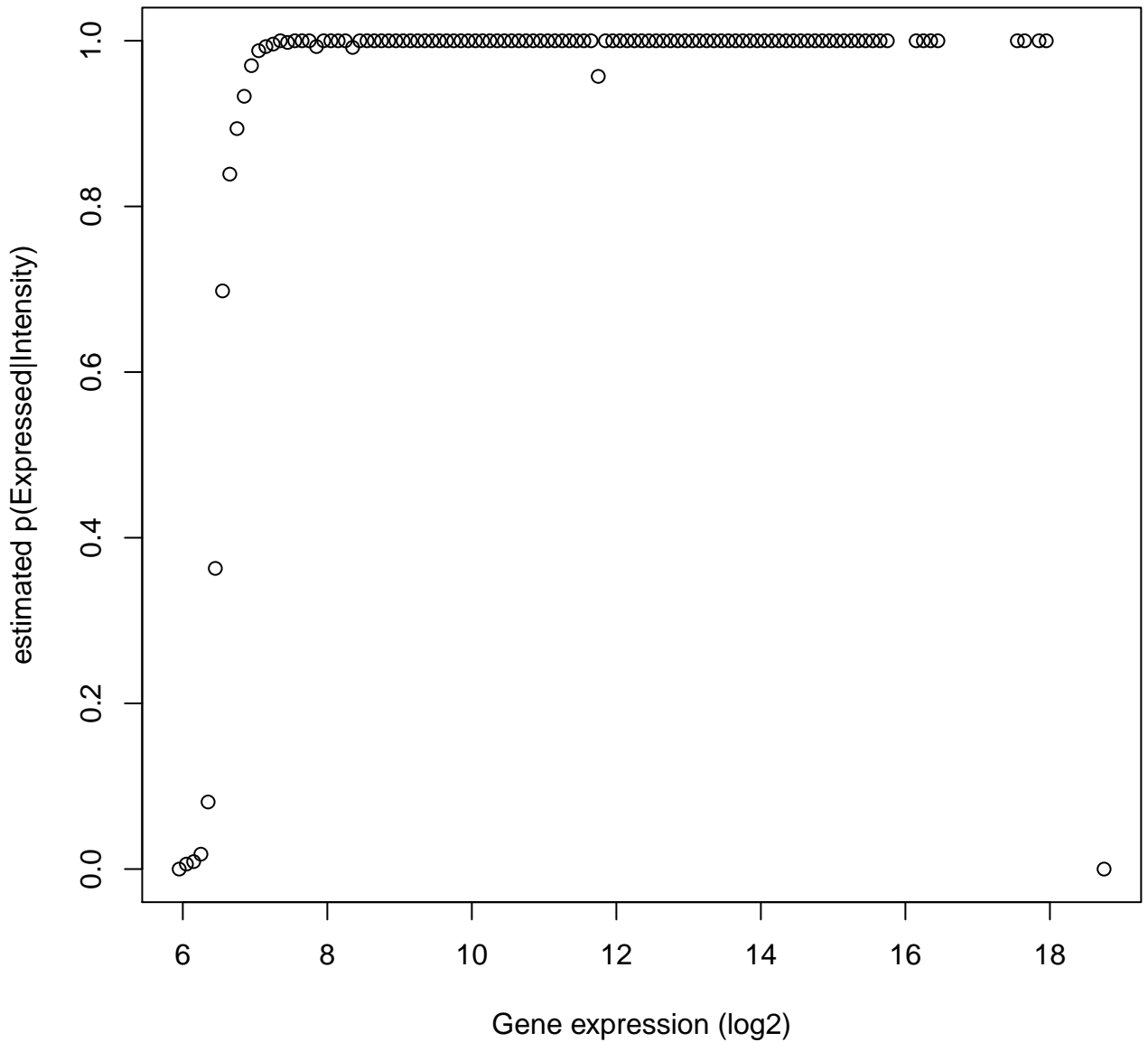
**B**

Cut Off: 6.95



# Egg 5 mother 1

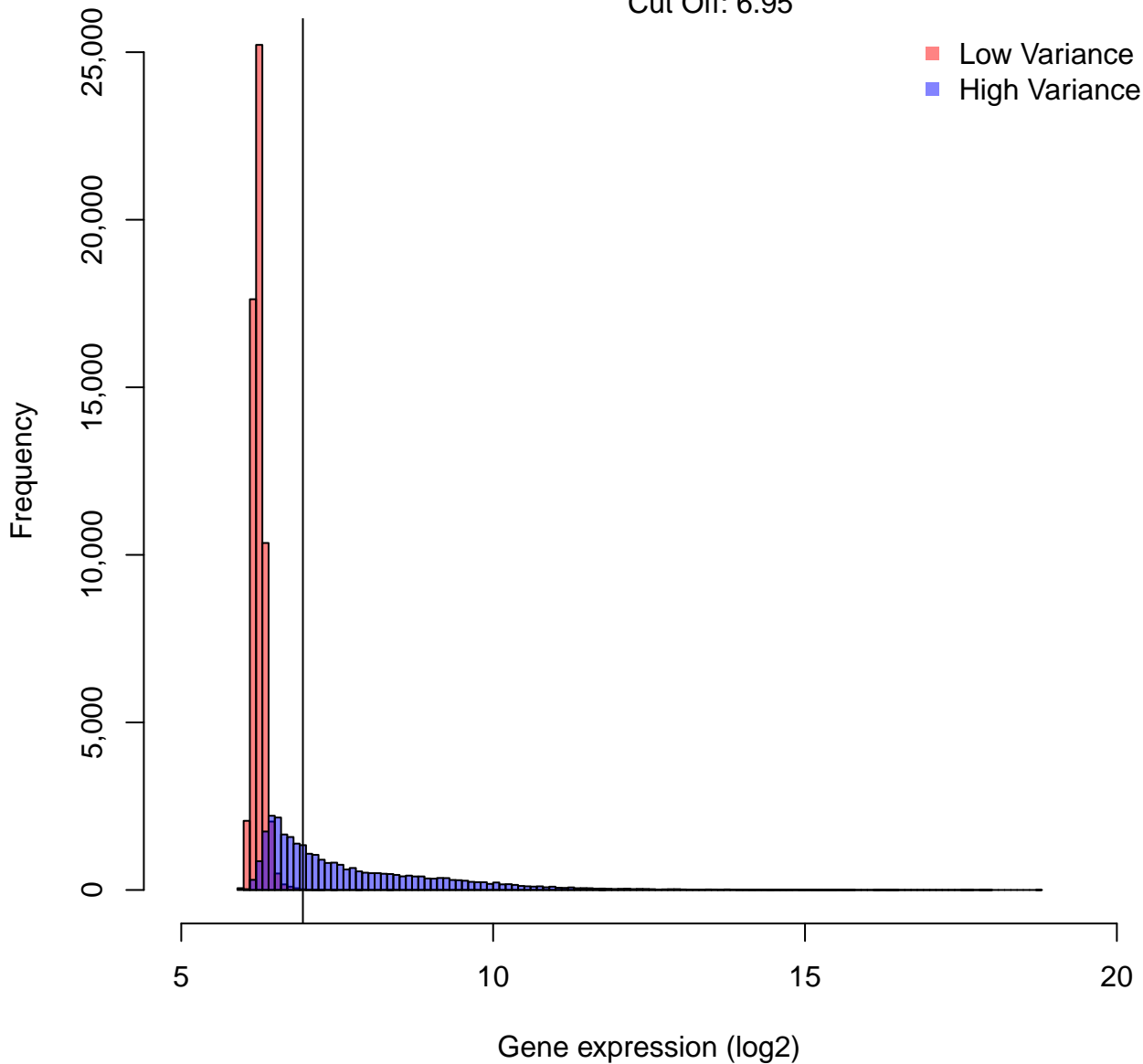
# A



# Egg 5 mother 1

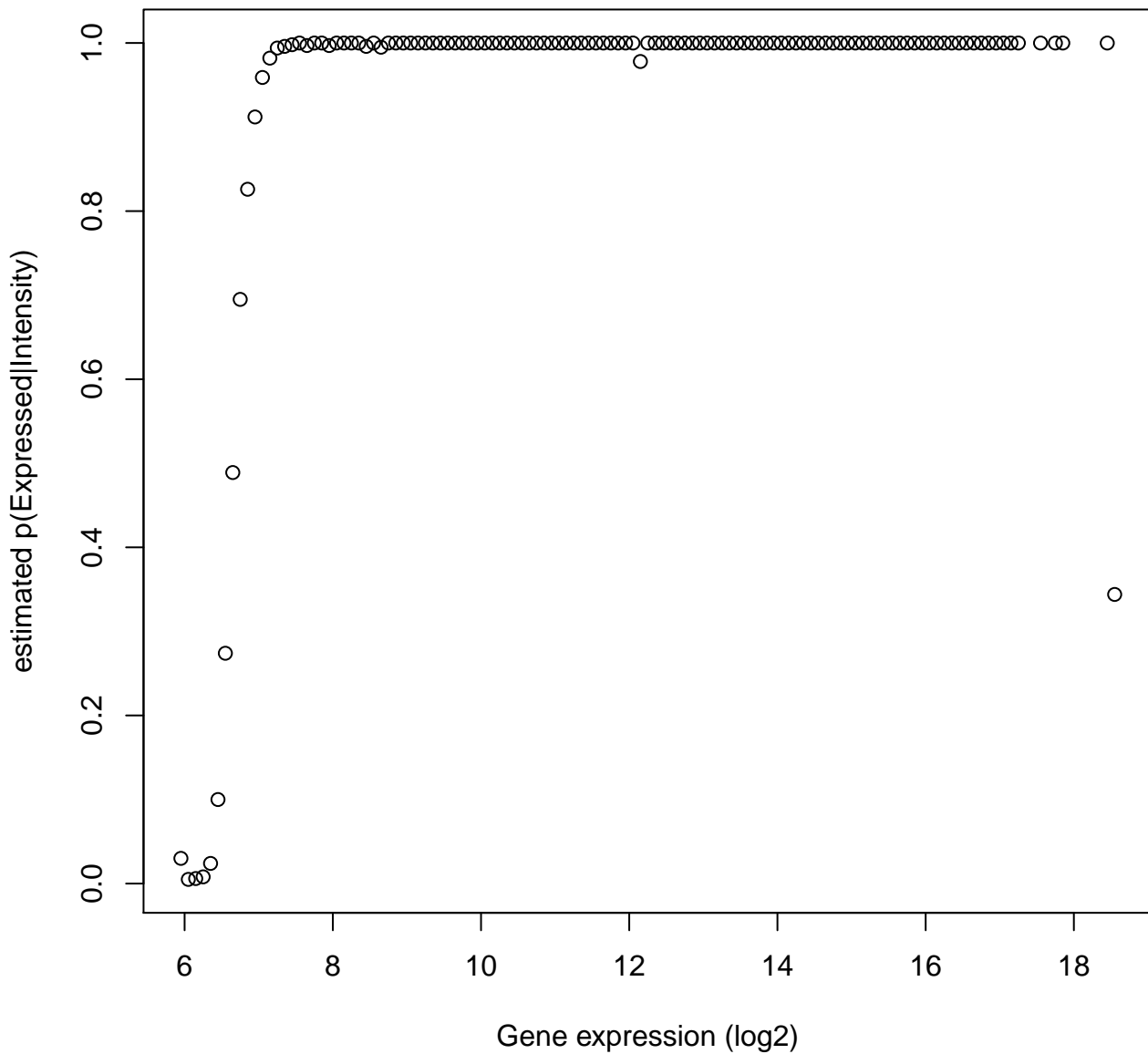
**B**

Cut Off: 6.95



# Egg 1 mother 2

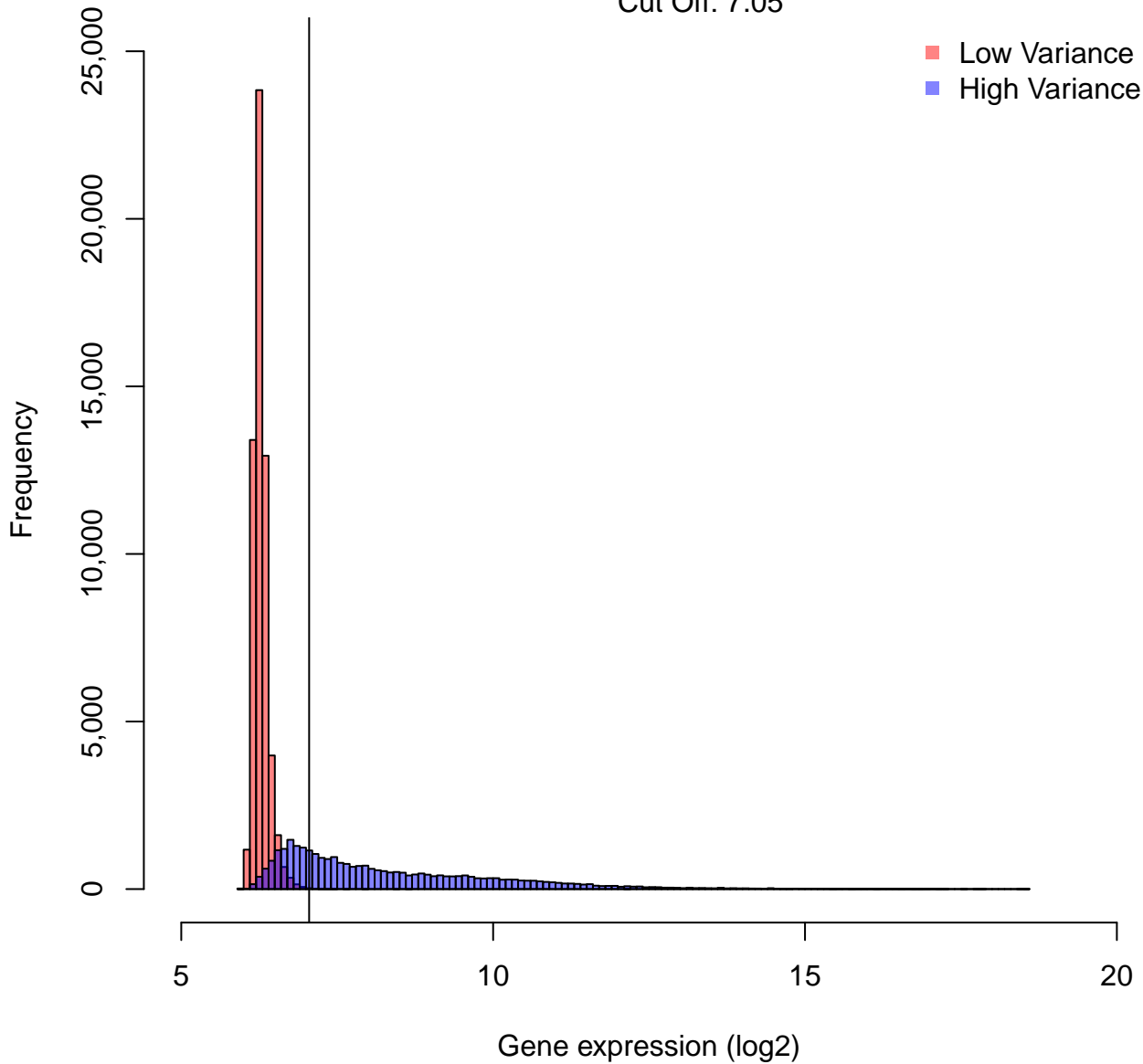
A



# Egg 1 mother 2

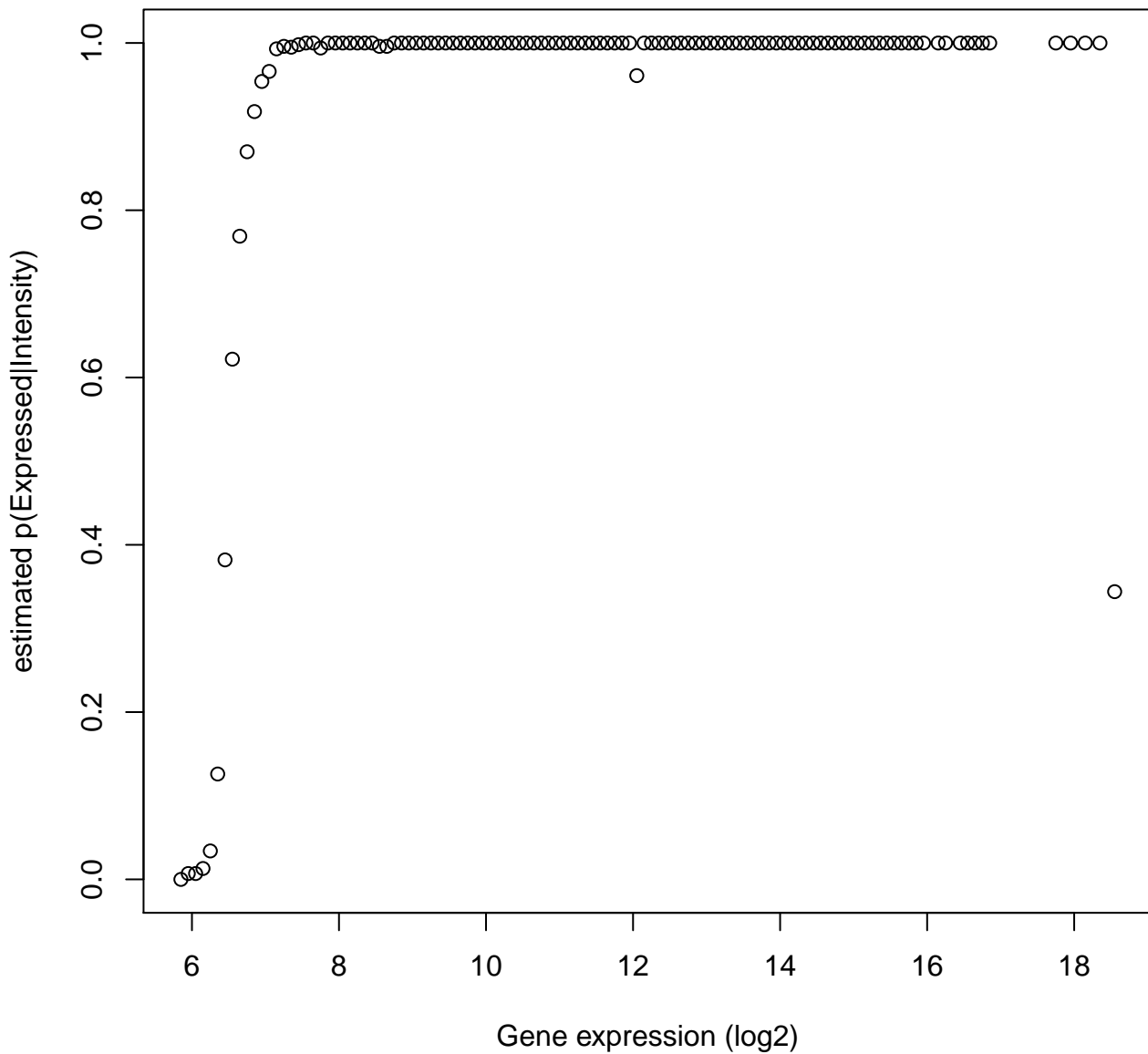
**B**

Cut Off: 7.05



# Egg 2 mother 2

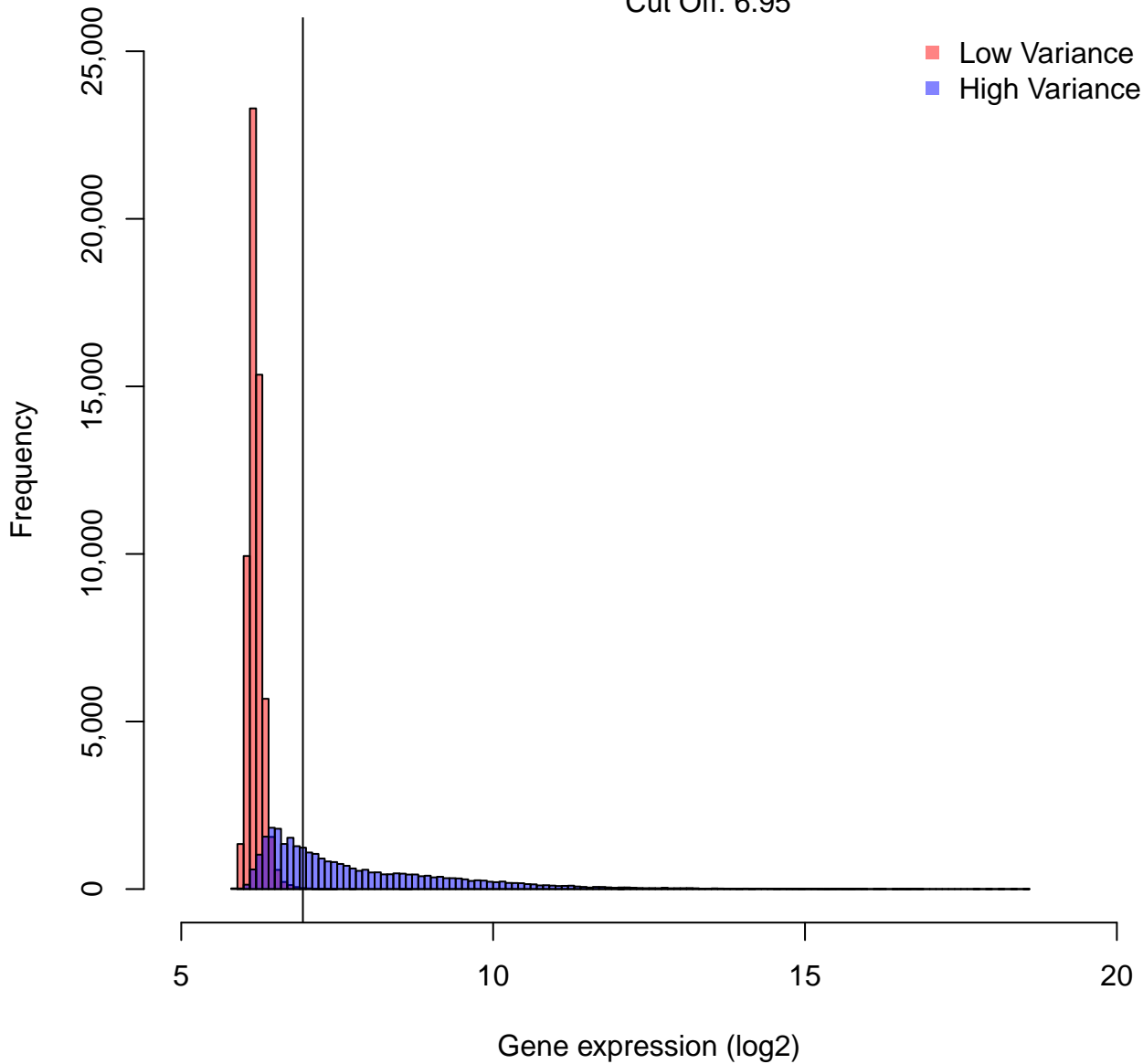
# A



# Egg 2 mother 2

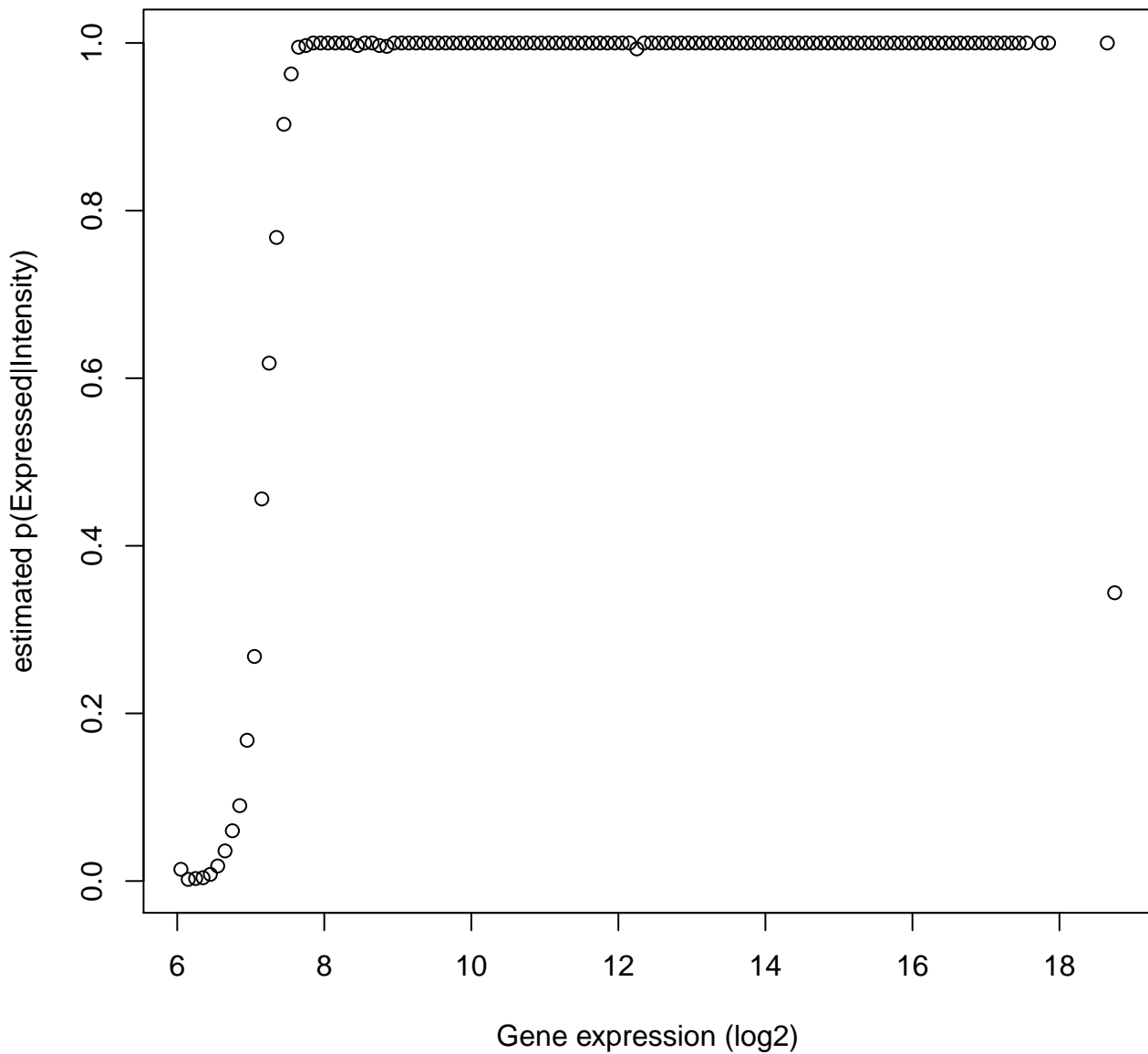
**B**

Cut Off: 6.95



# Egg 3 mother 2

A

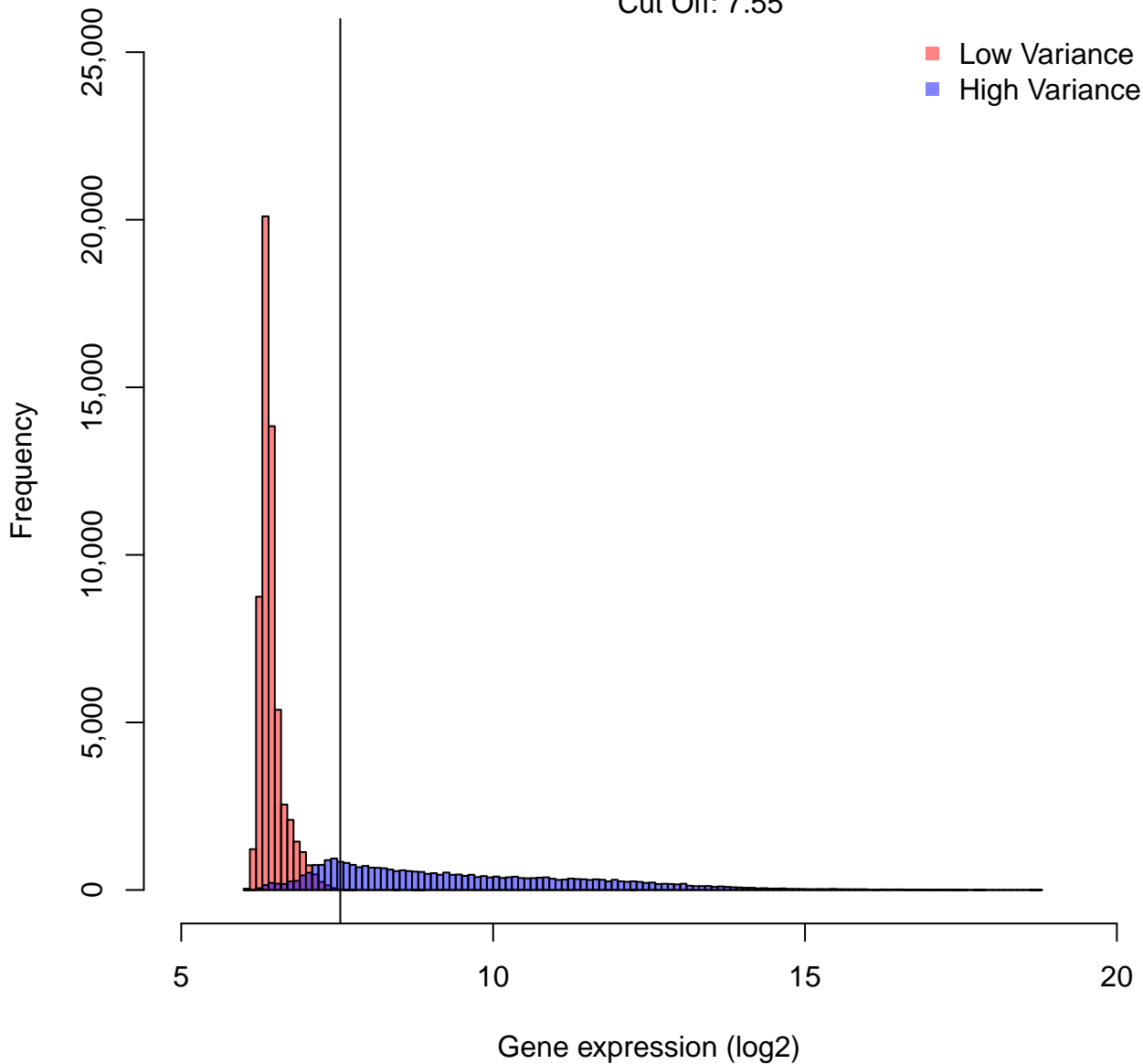




# Egg 3 mother 2

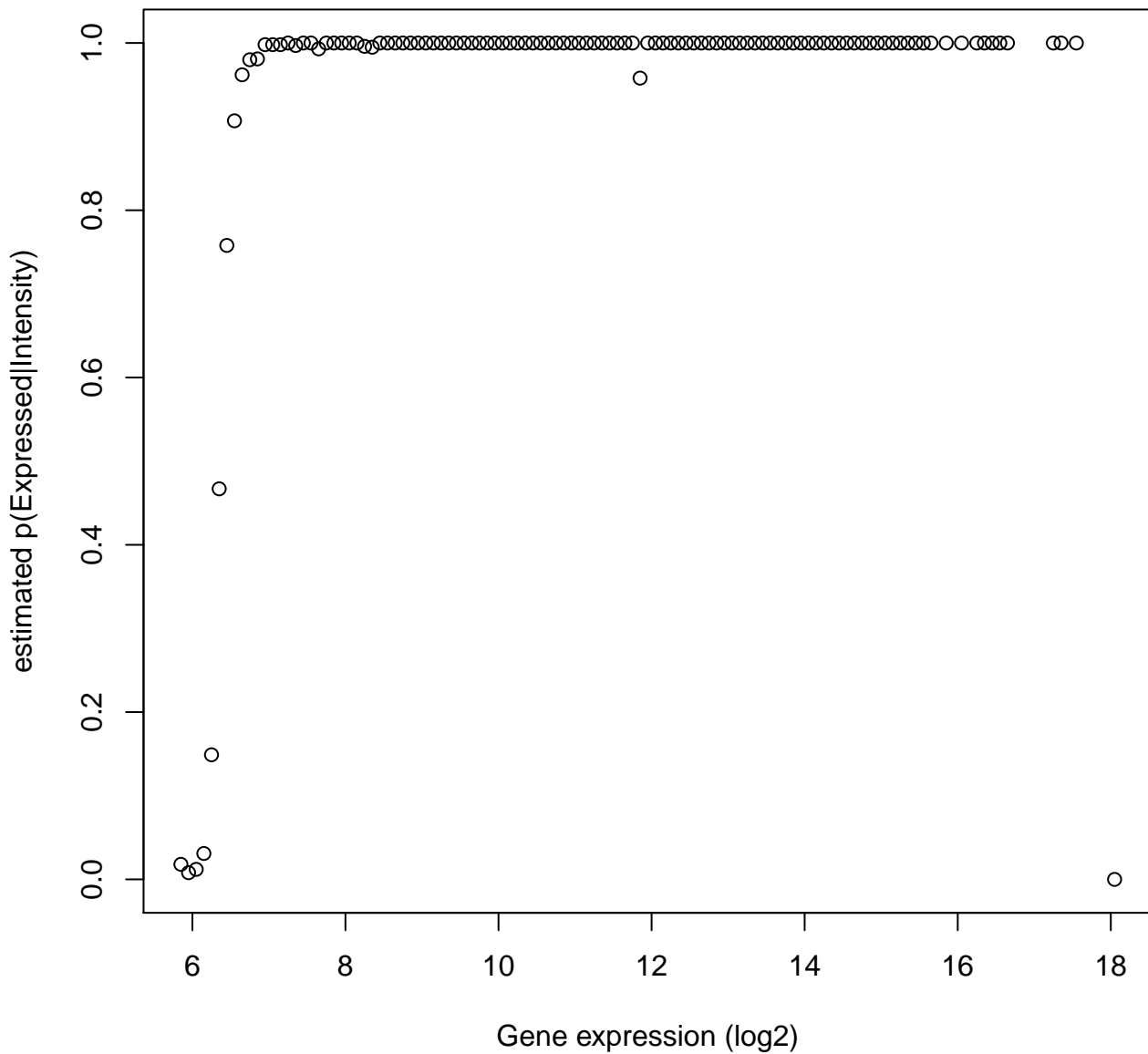
**B**

Cut Off: 7.55



# Egg 4 mother 2

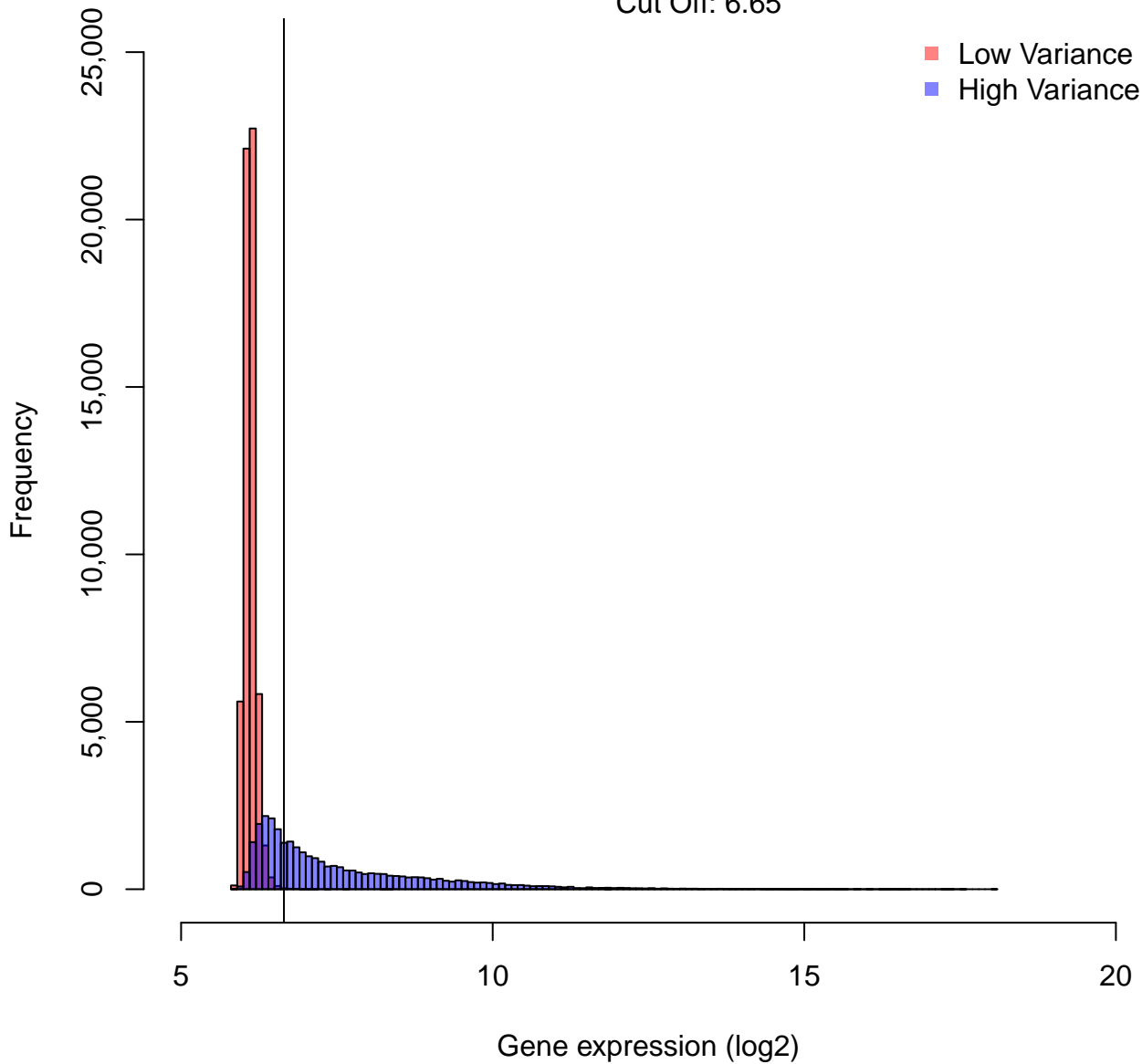
A



# Egg 4 mother 2

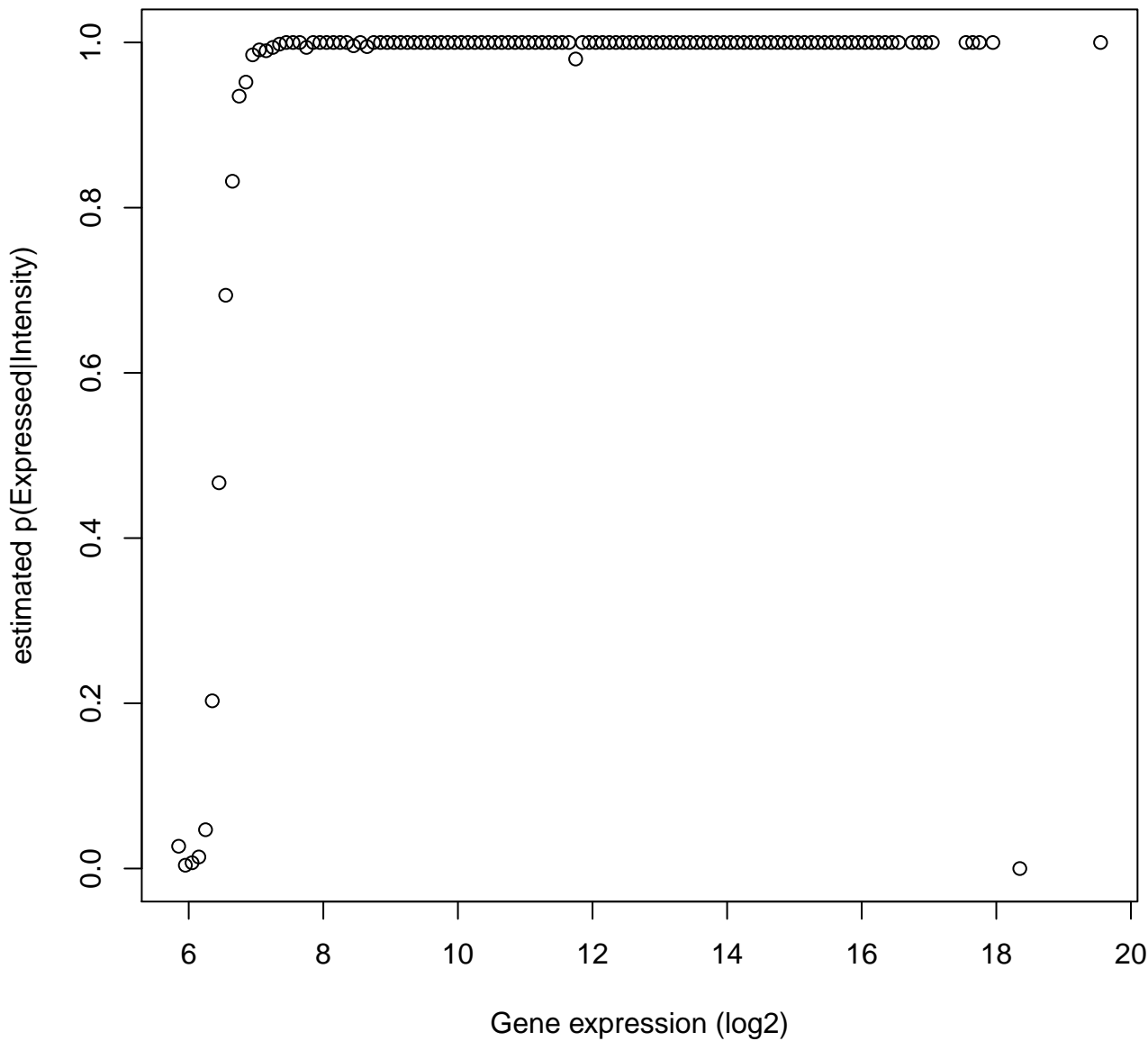
**B**

Cut Off: 6.65



# Egg 5 mother 2

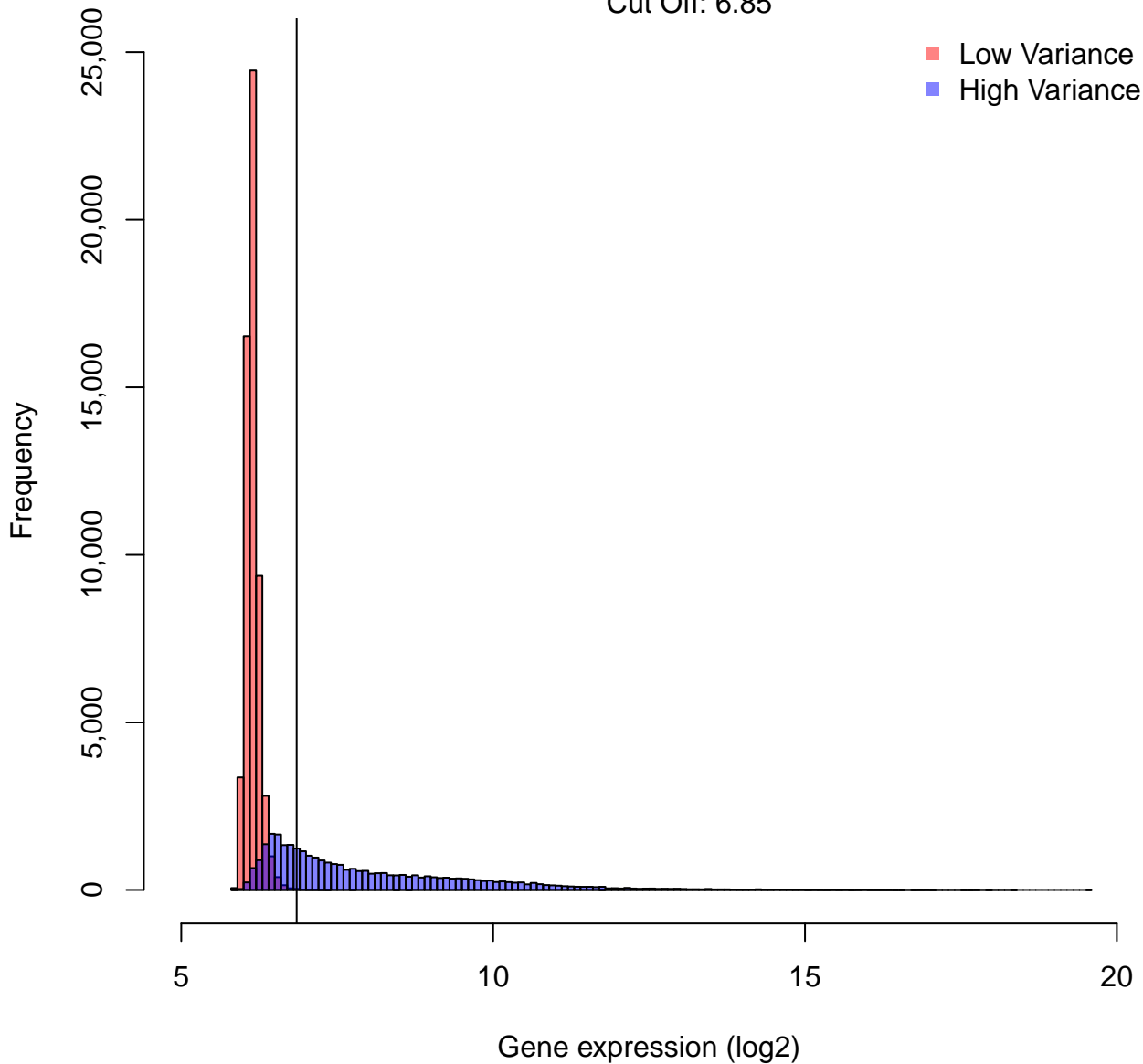
# A



# Egg 5 mother 2

**B**

Cut Off: 6.85

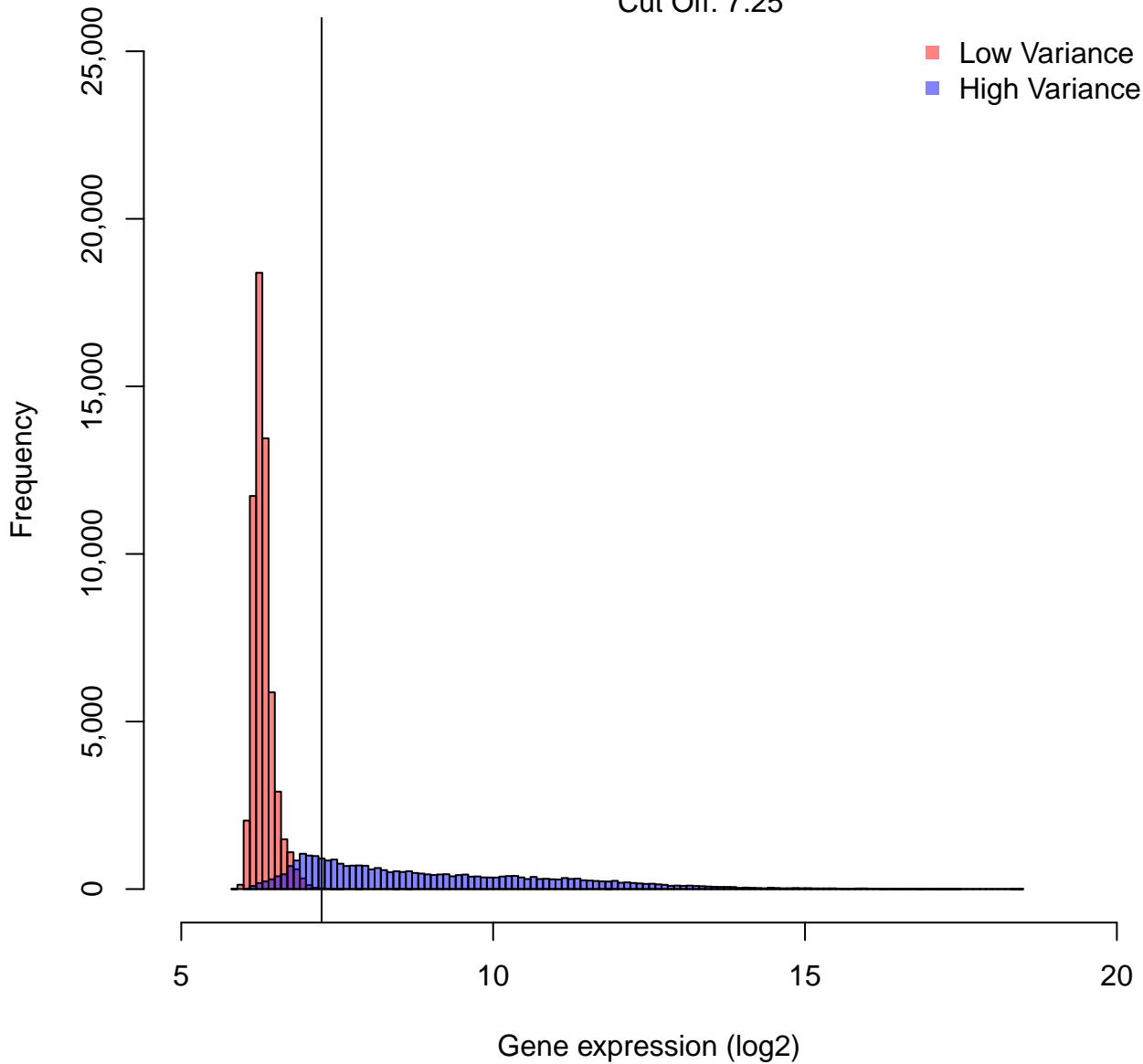




# Egg 1 mother 3

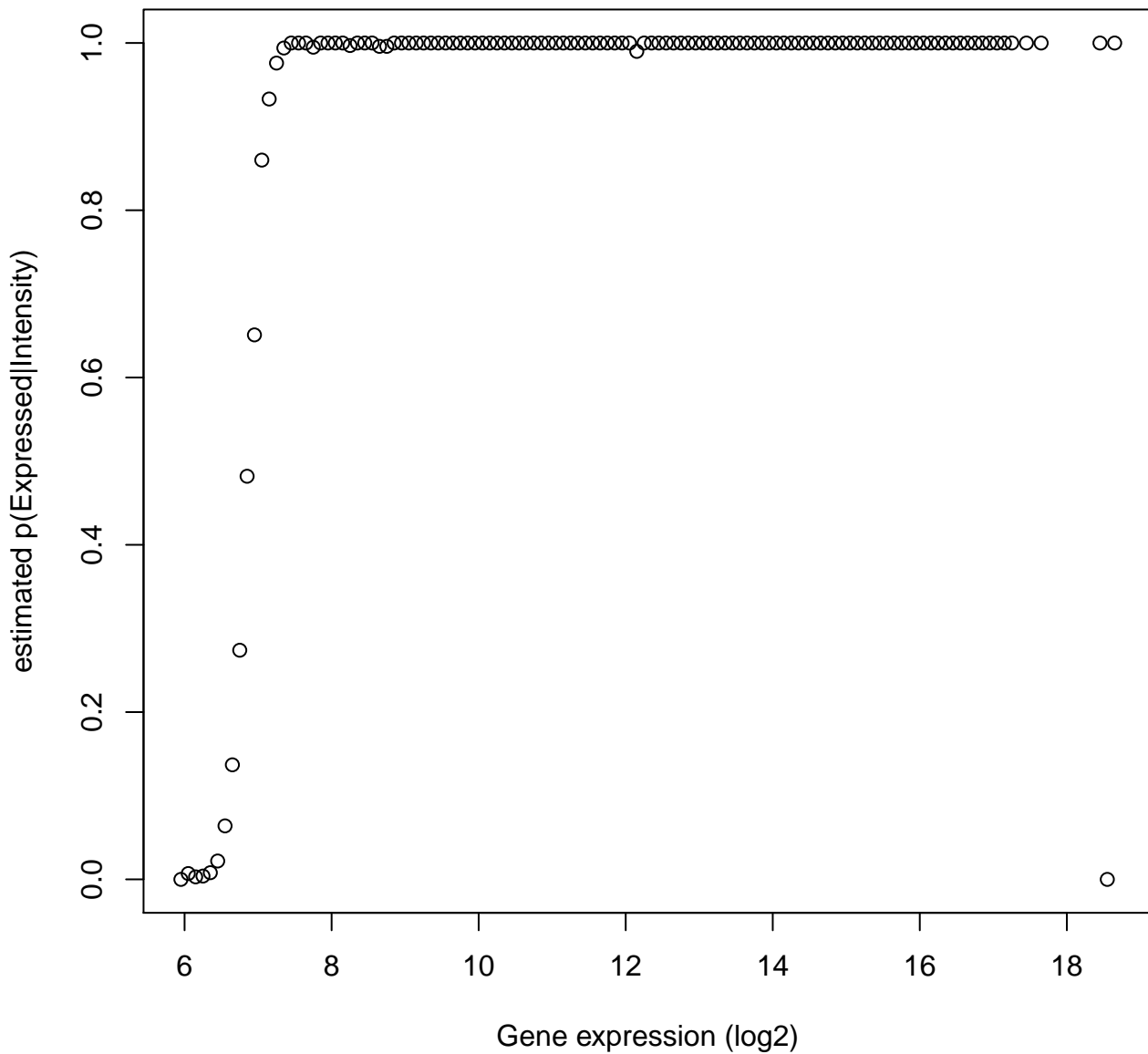
**B**

Cut Off: 7.25



# Egg 2 mother 3

# A

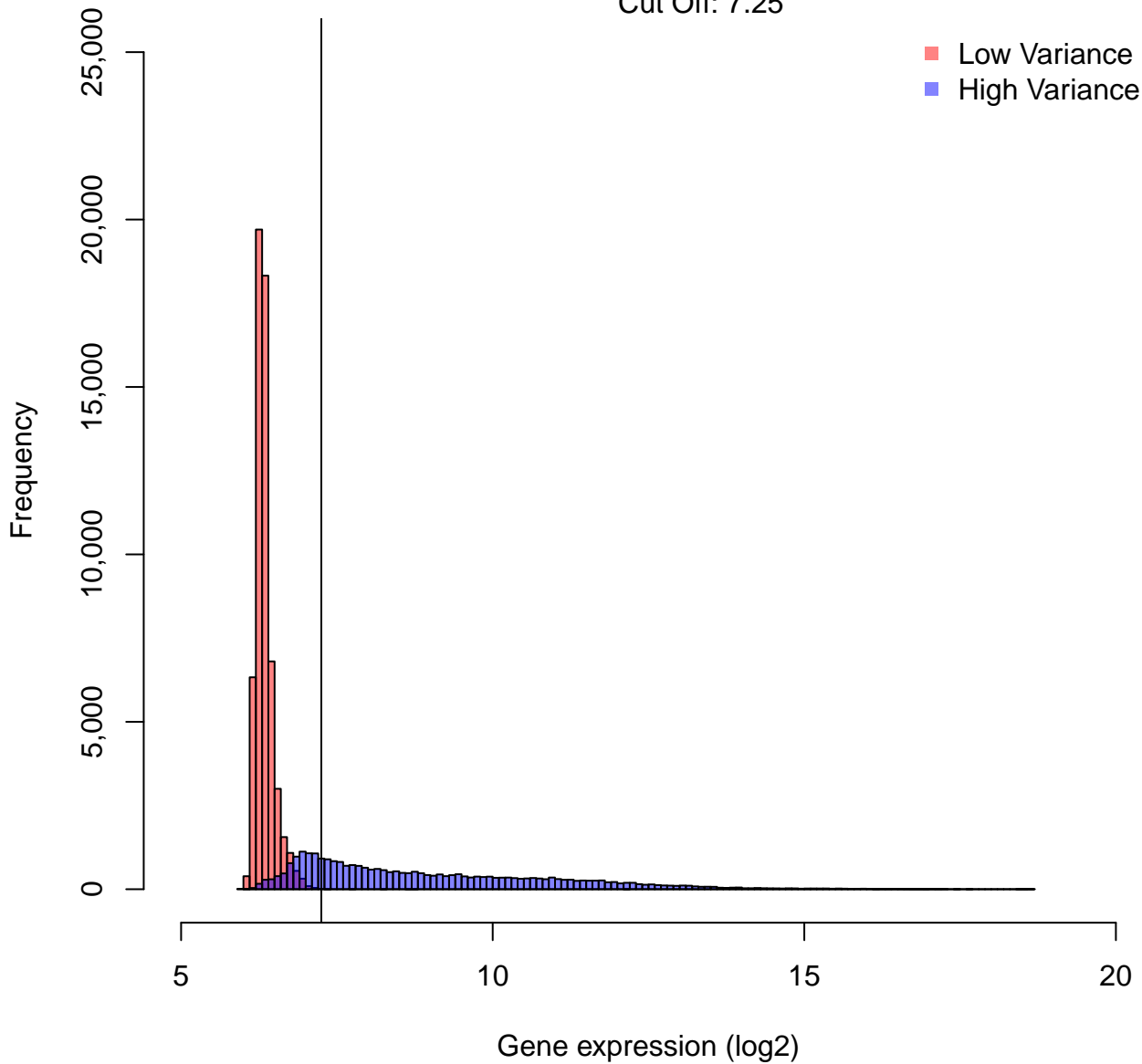




# Egg 2 mother 3

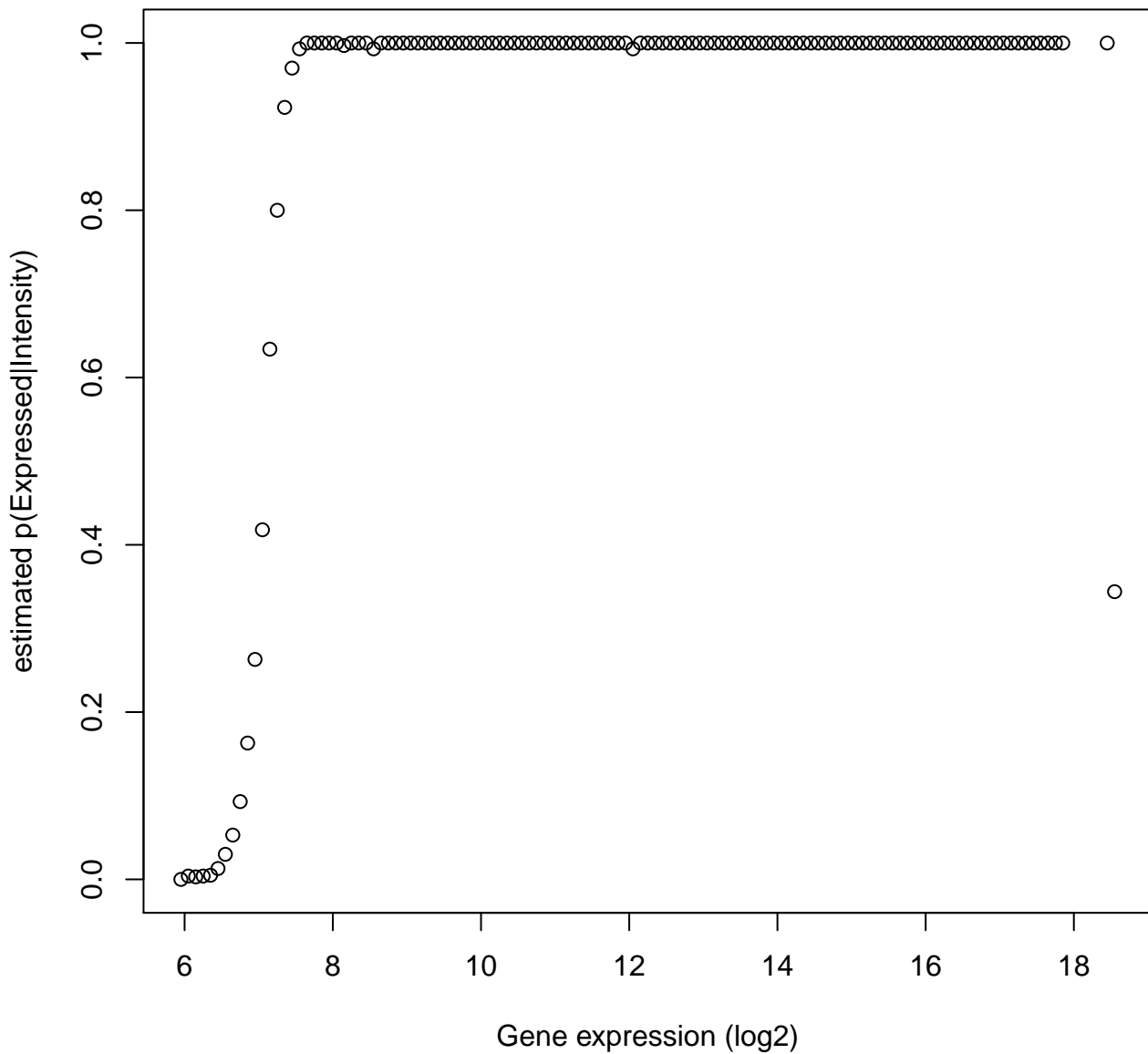
**B**

Cut Off: 7.25



# Egg 3 mother 3

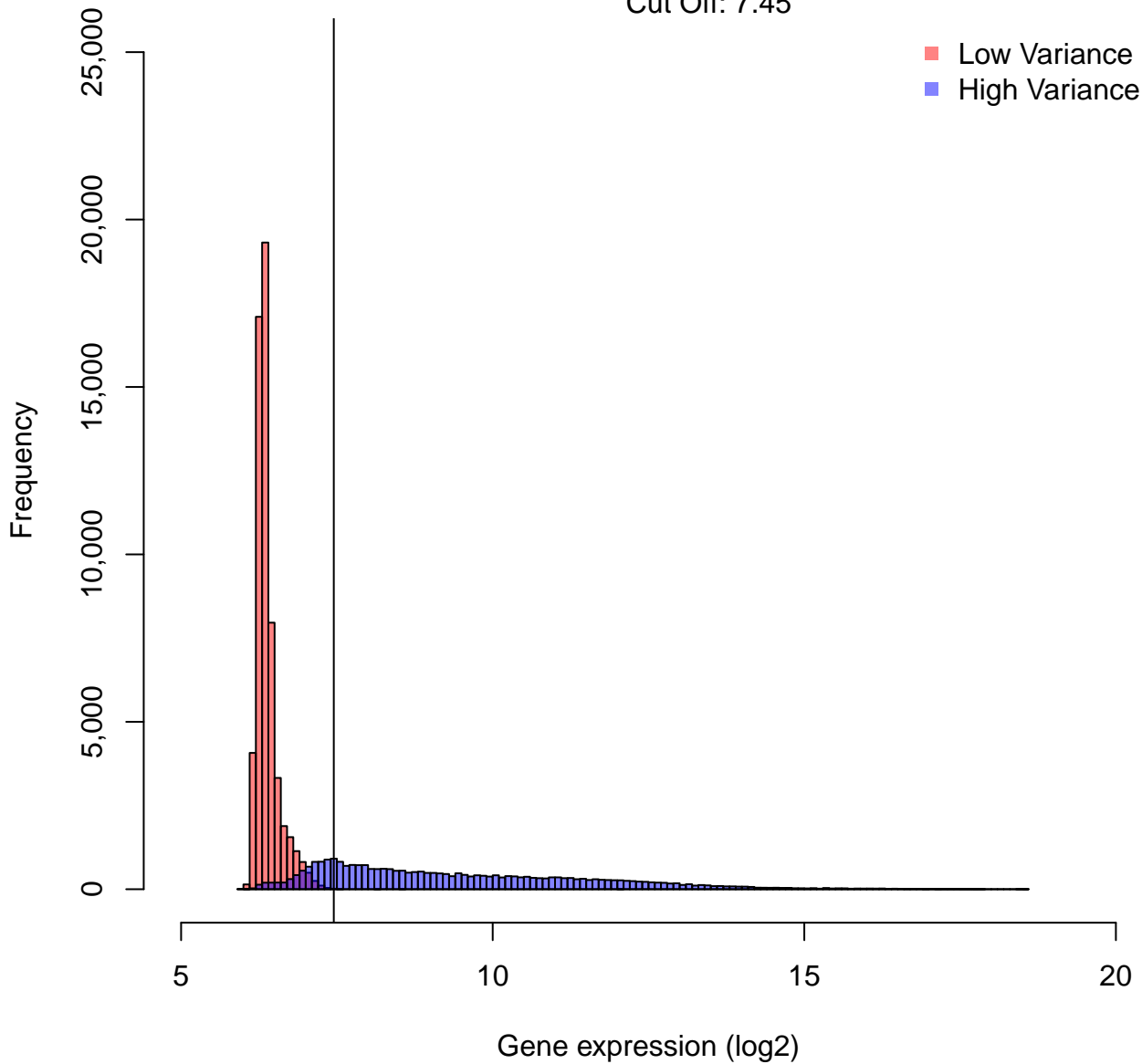
# A



# Egg 3 mother 3

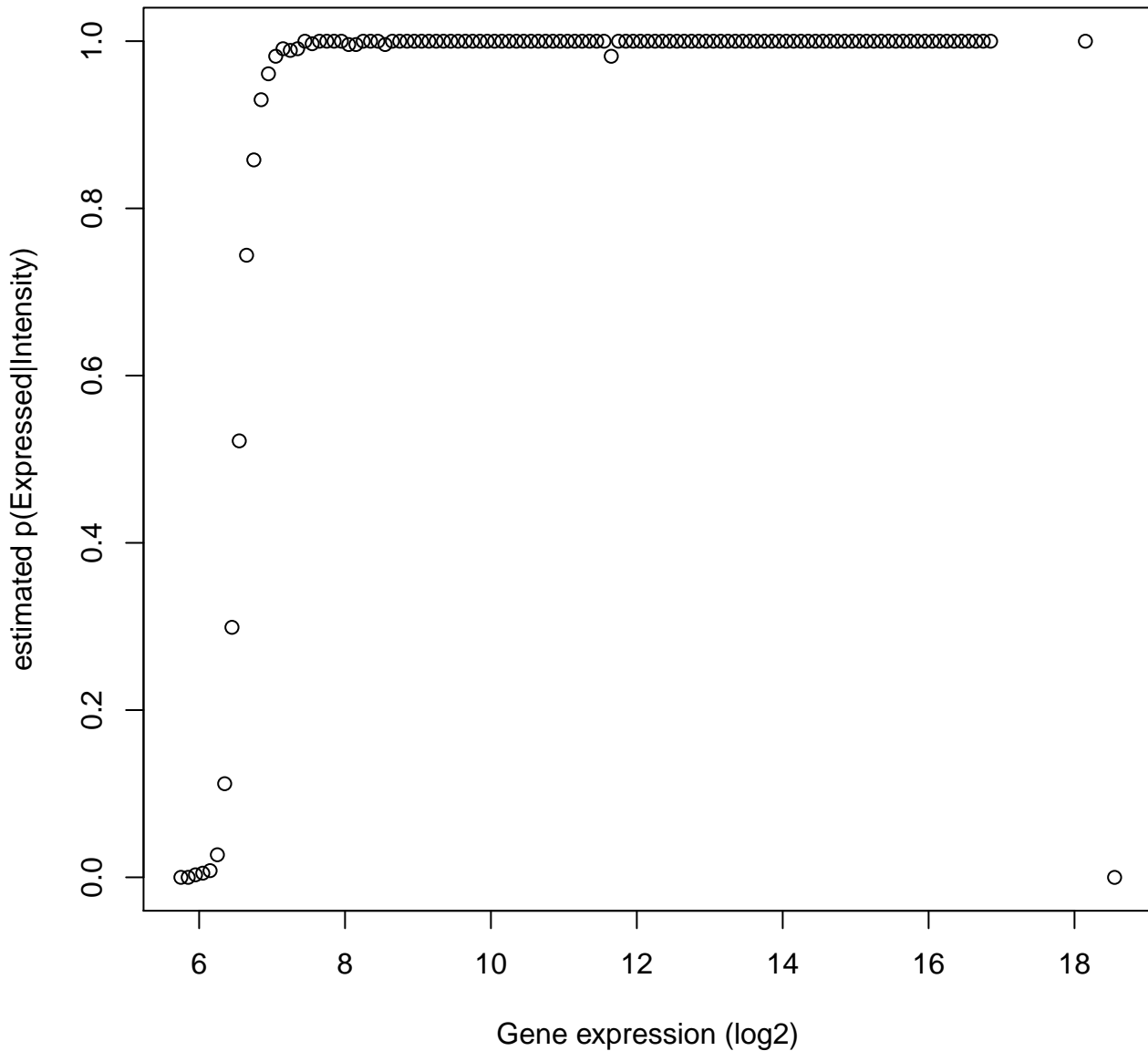
**B**

Cut Off: 7.45



# Egg 4 mother 3

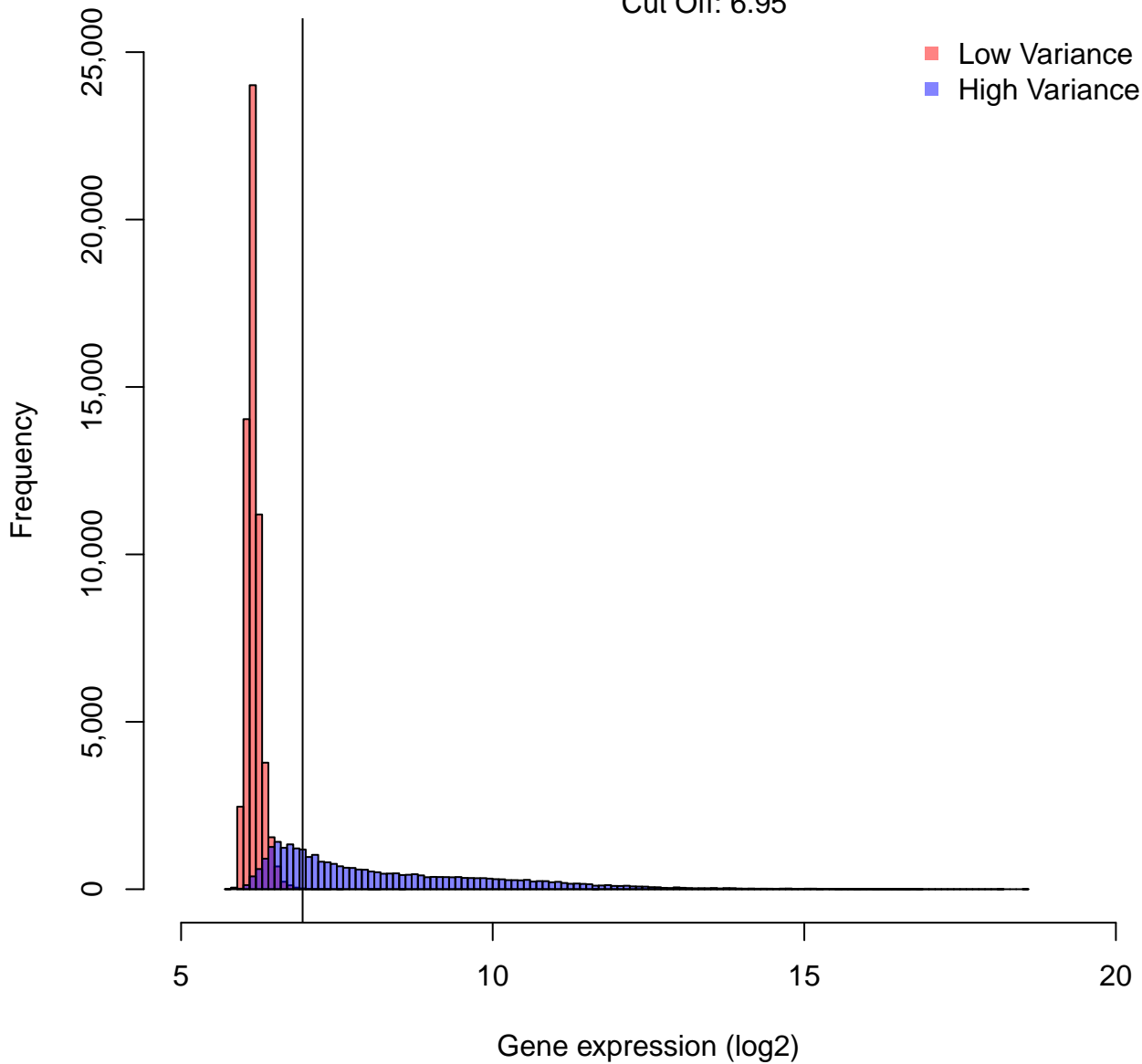
# A



# Egg 4 mother 3

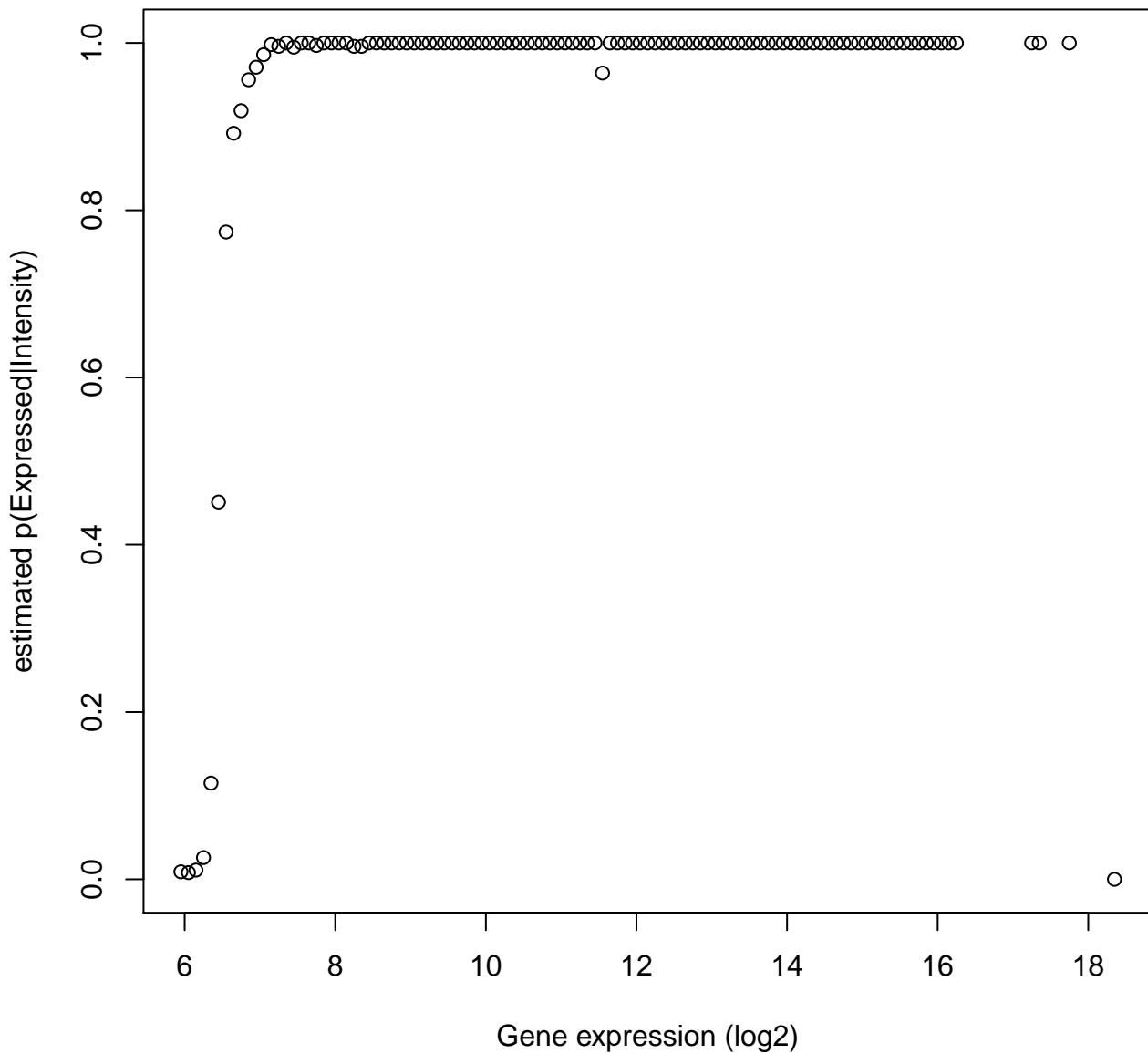
**B**

Cut Off: 6.95



# Egg 5 mother 3

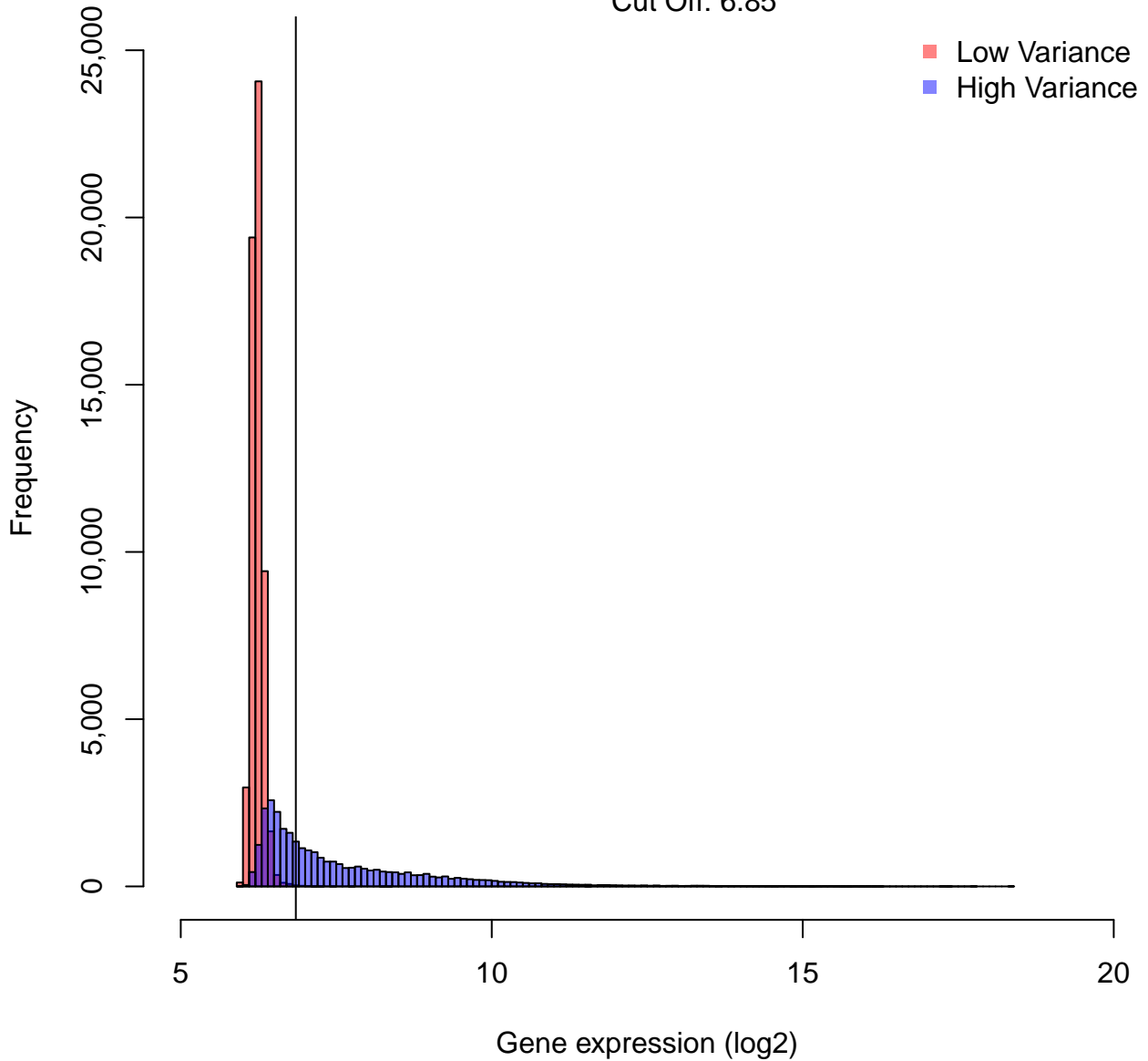
# A



# Egg 5 mother 3

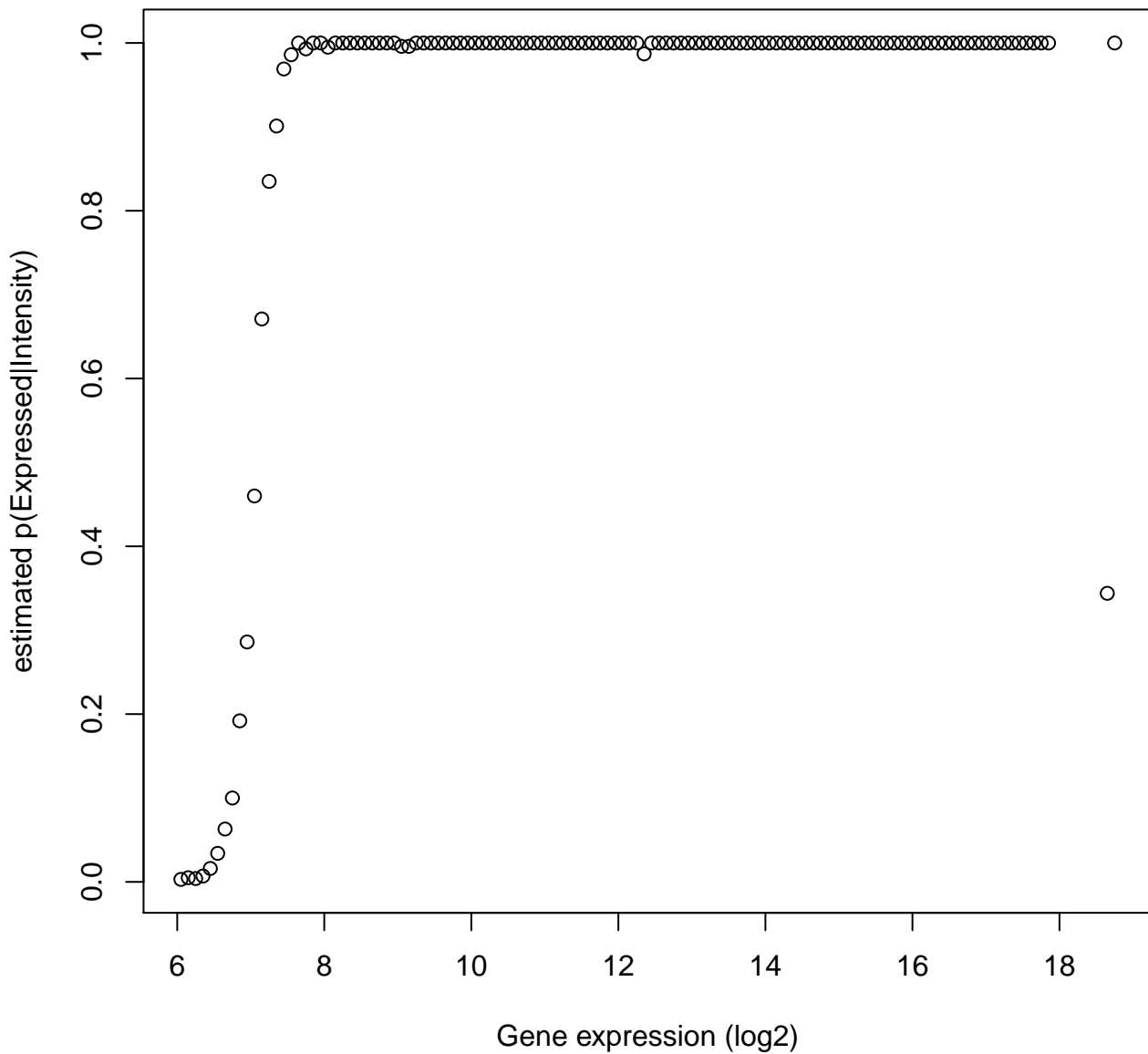
**B**

Cut Off: 6.85



# Egg 1 mother 4

A

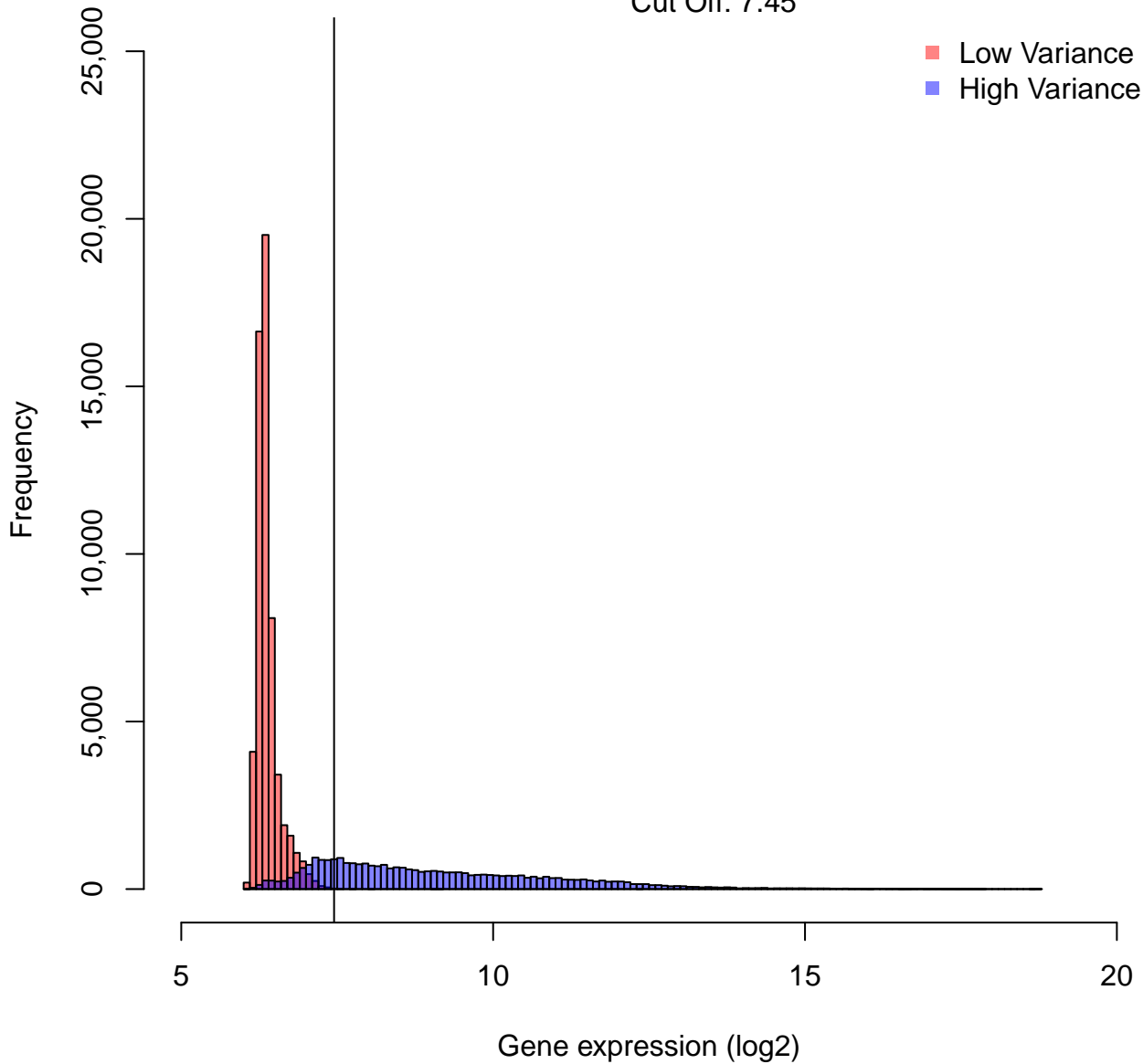




# Egg 1 mother 4

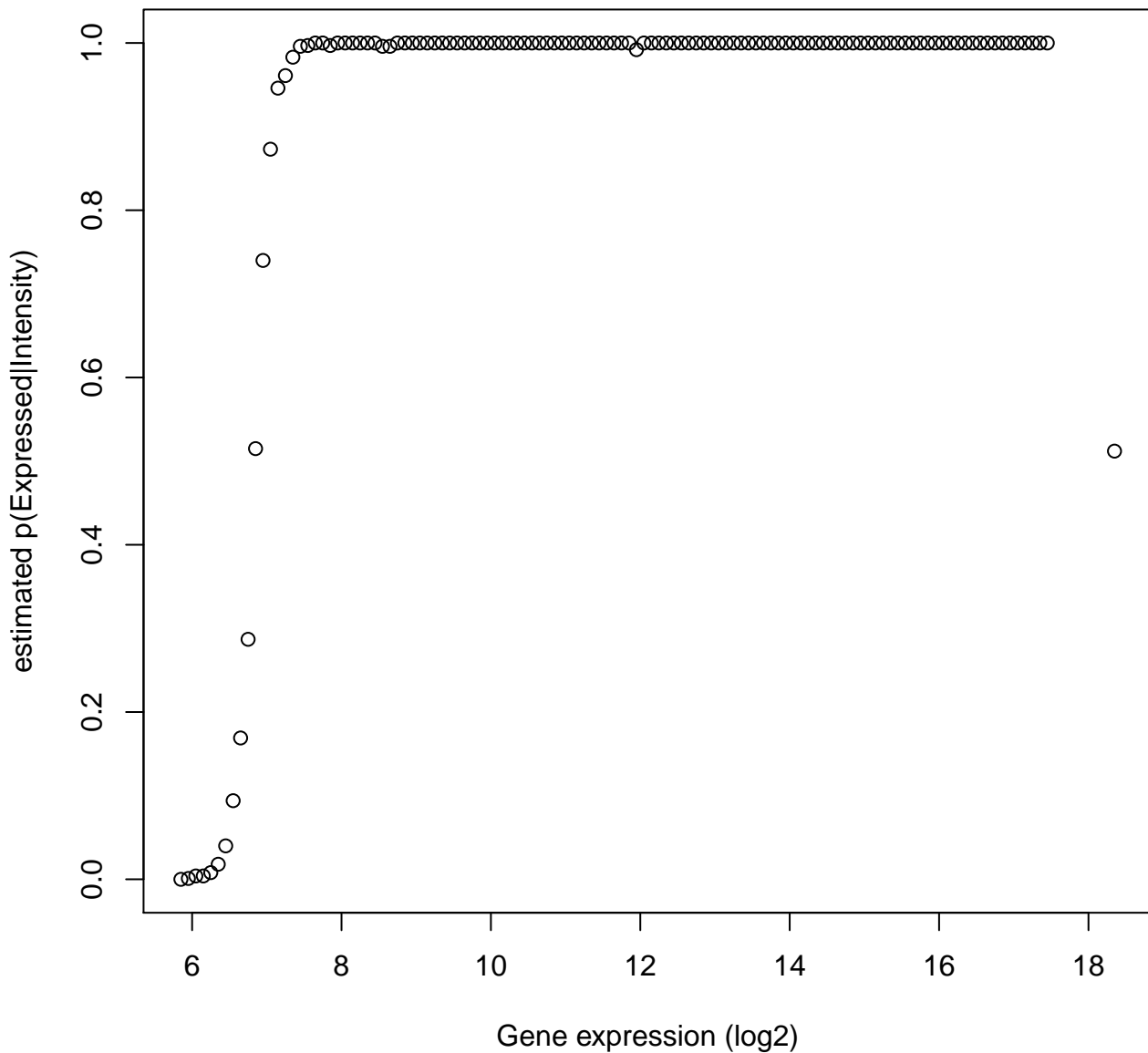
**B**

Cut Off: 7.45



# Egg 2 mother 4

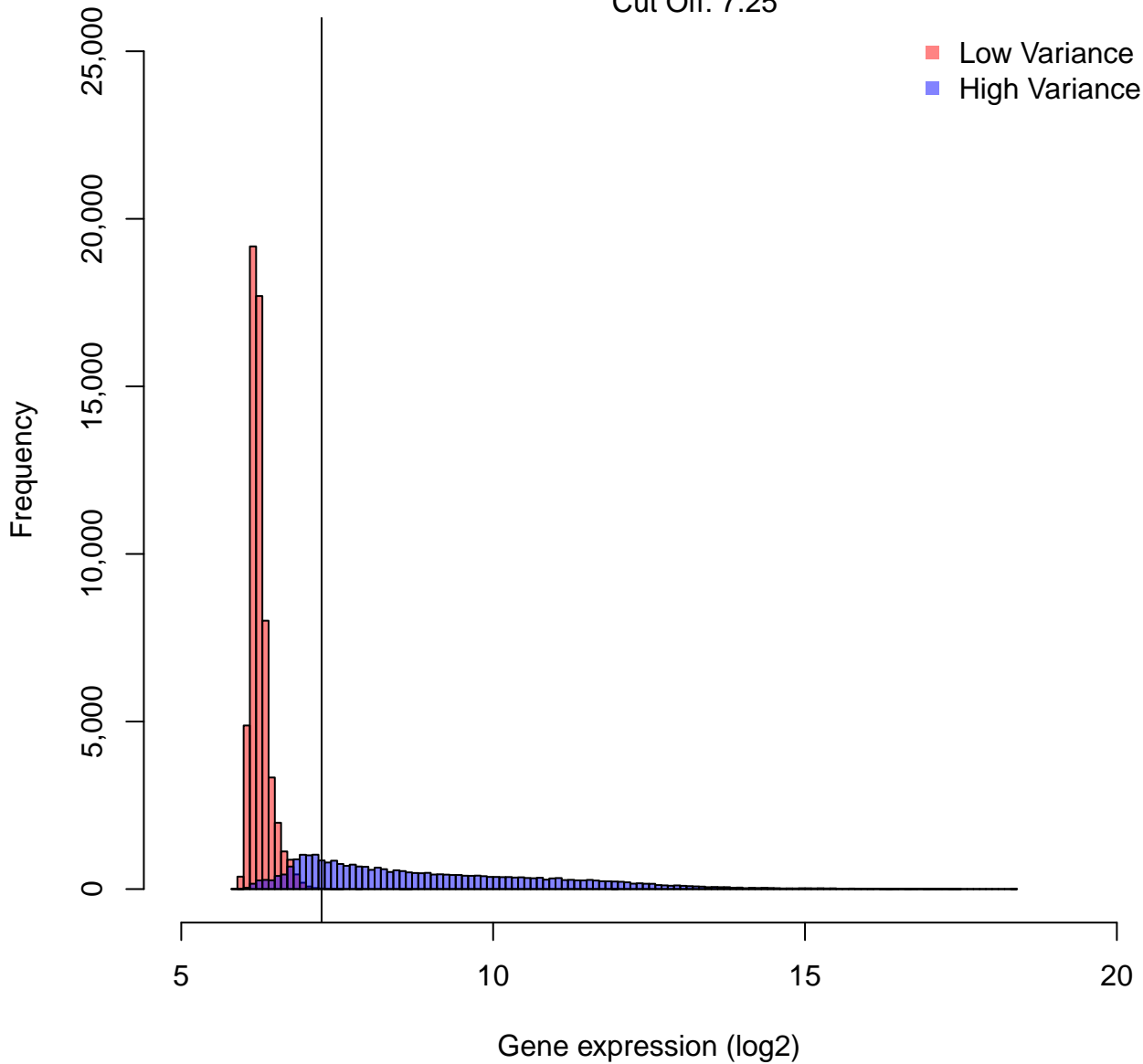
# A



# Egg 2 mother 4

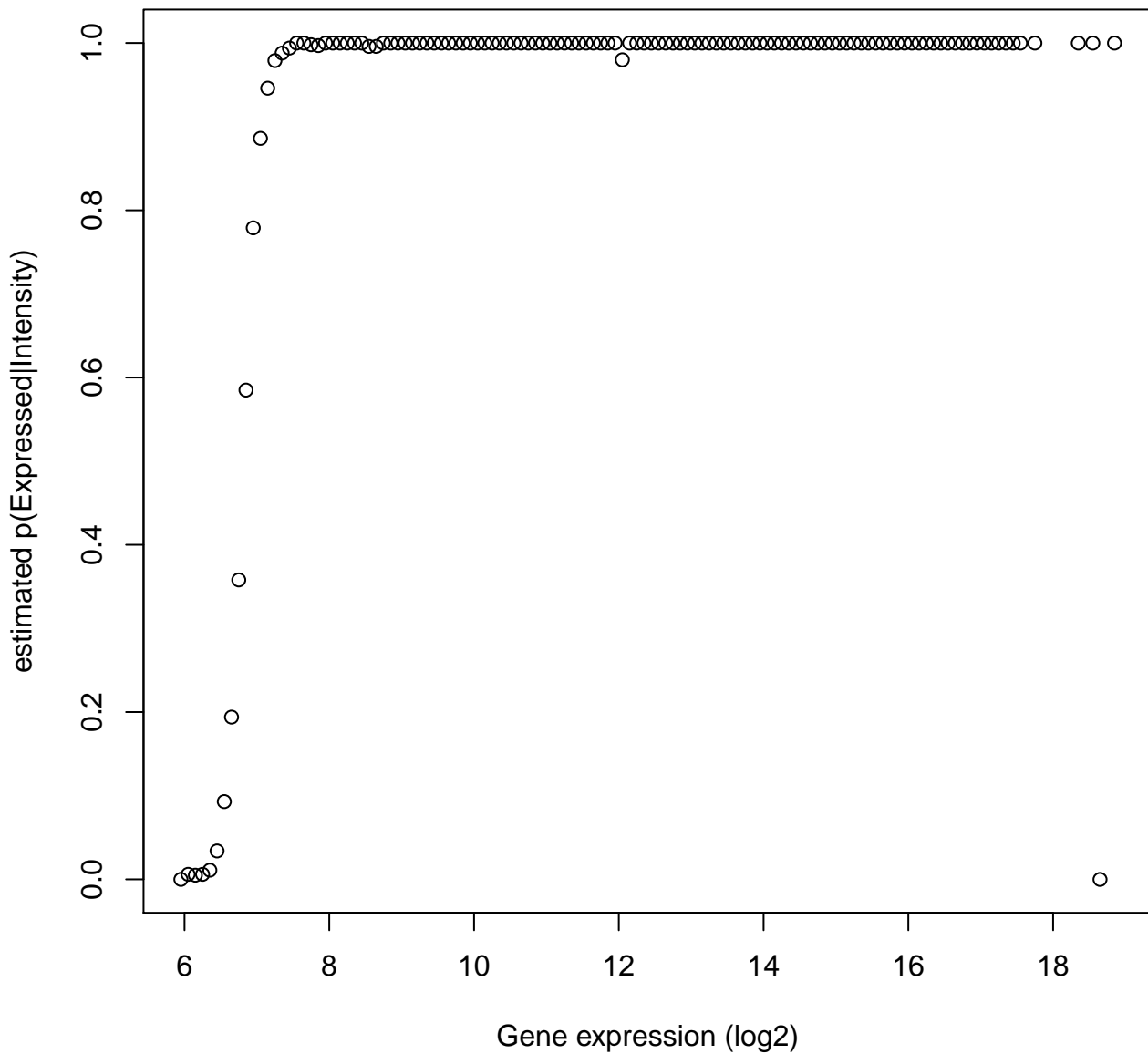
**B**

Cut Off: 7.25



# Egg 3 mother 4

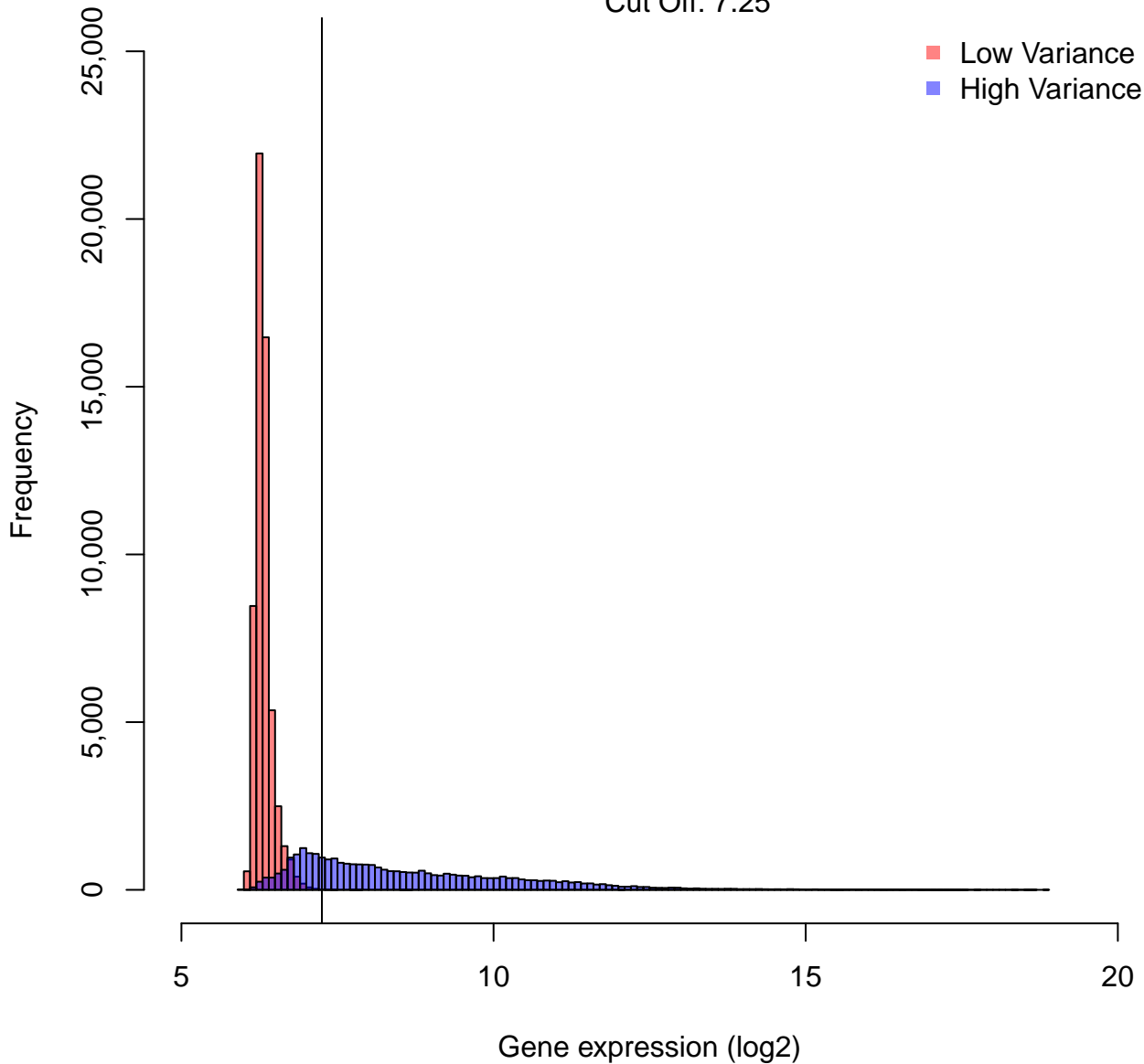
# A



# Egg 3 mother 4

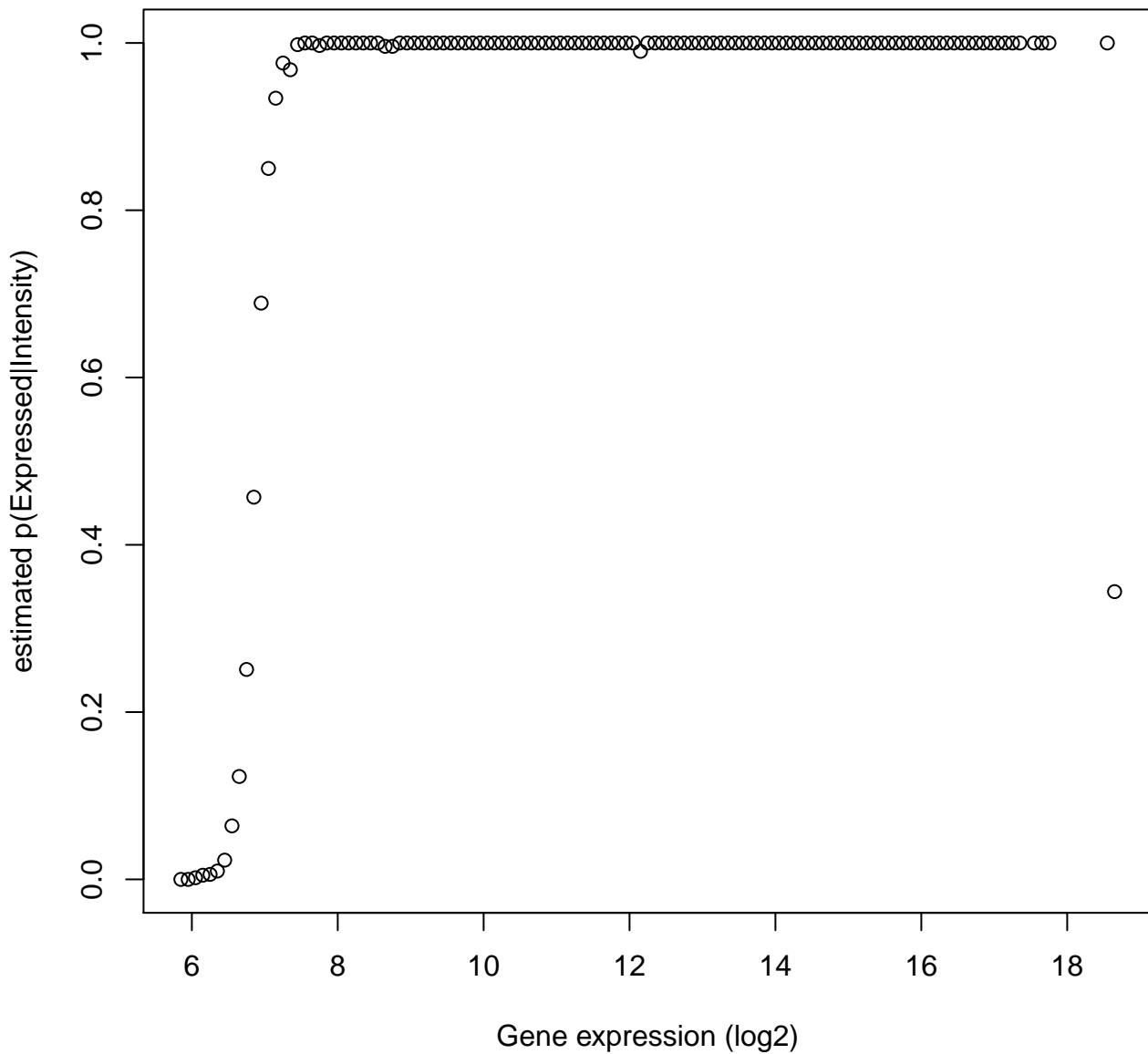
**B**

Cut Off: 7.25



# Egg 4 mother 4

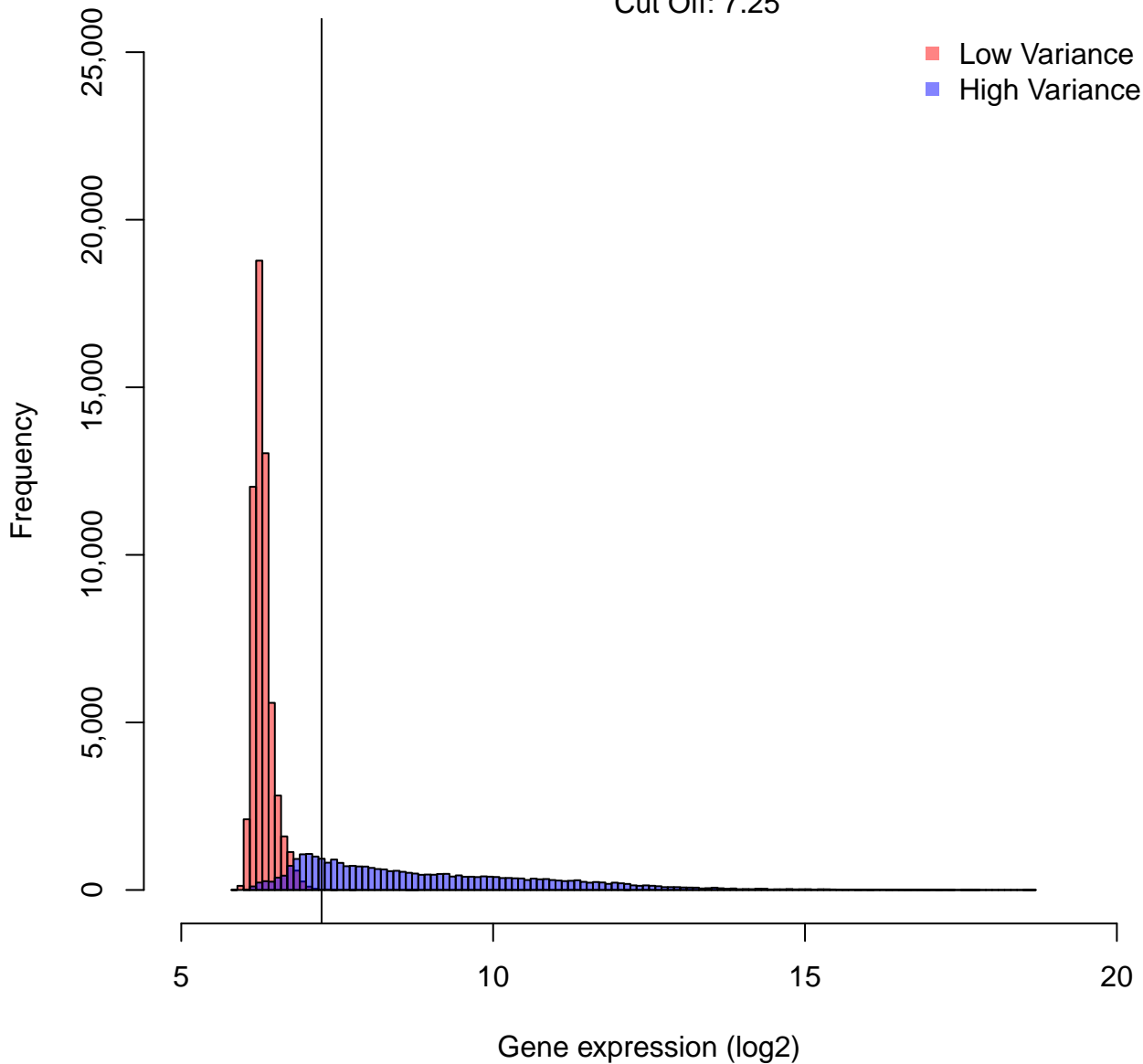
# A



# Egg 4 mother 4

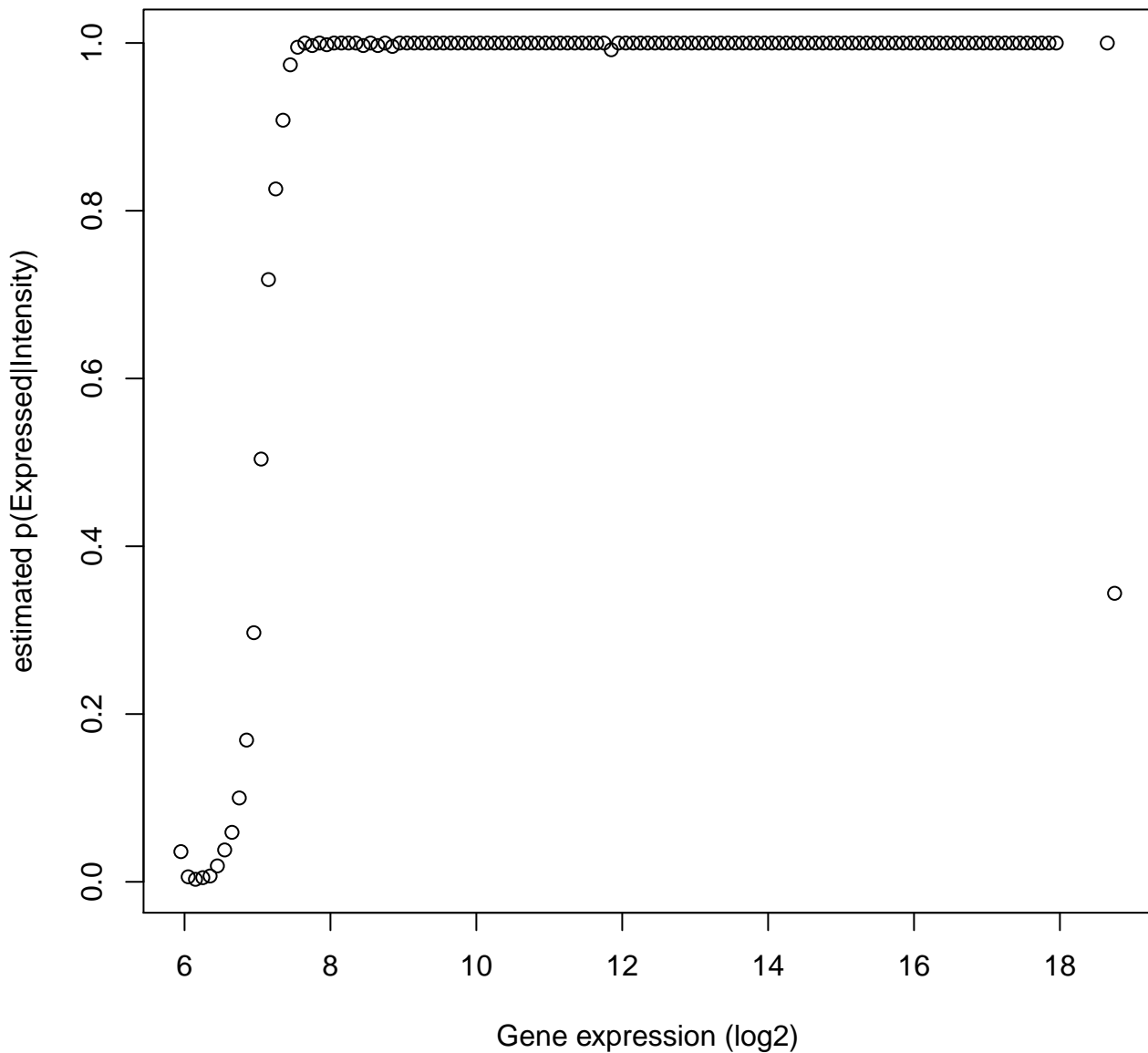
**B**

Cut Off: 7.25



# Egg 5 mother 4

# A

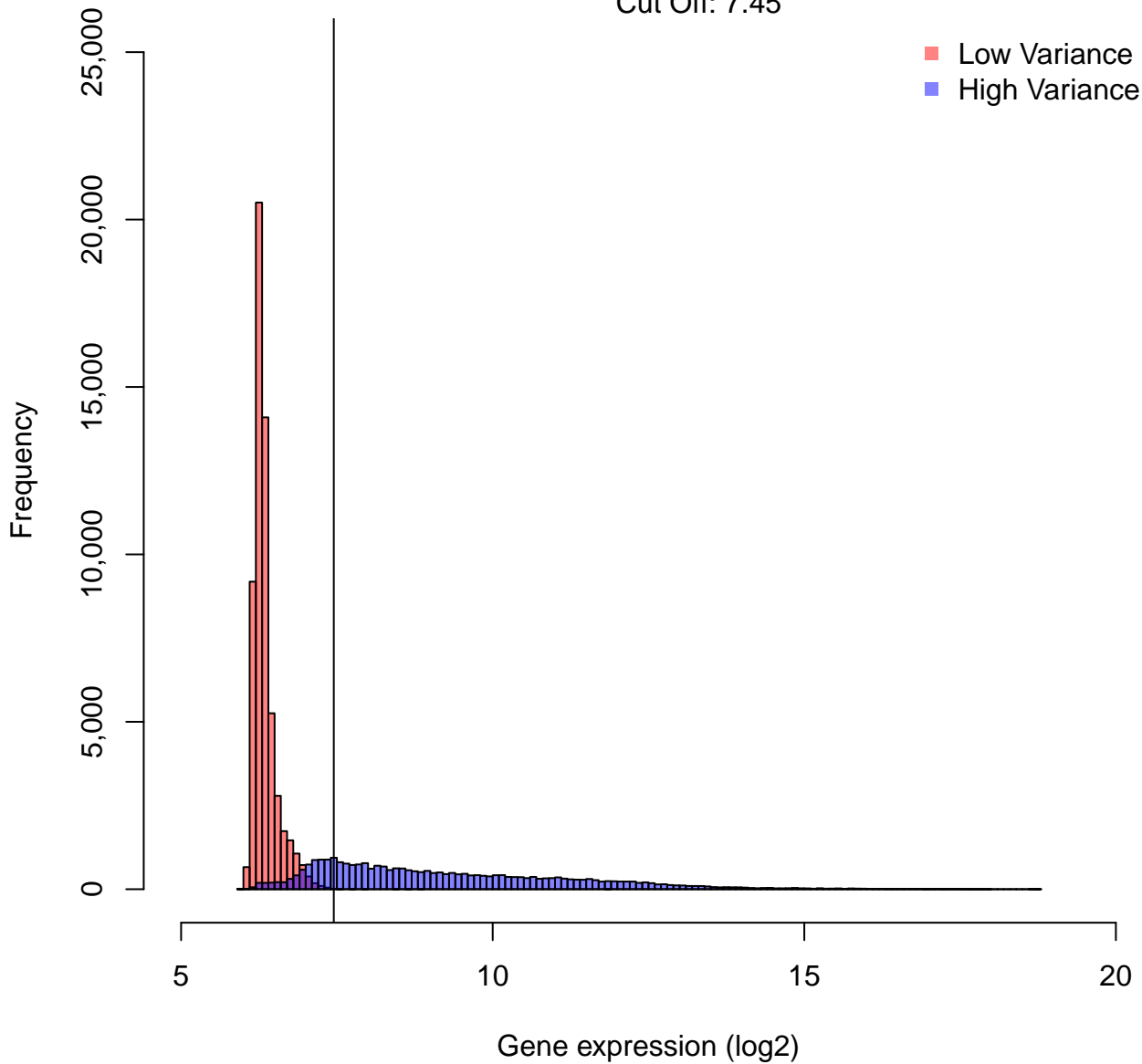




# egg 5 mother 4

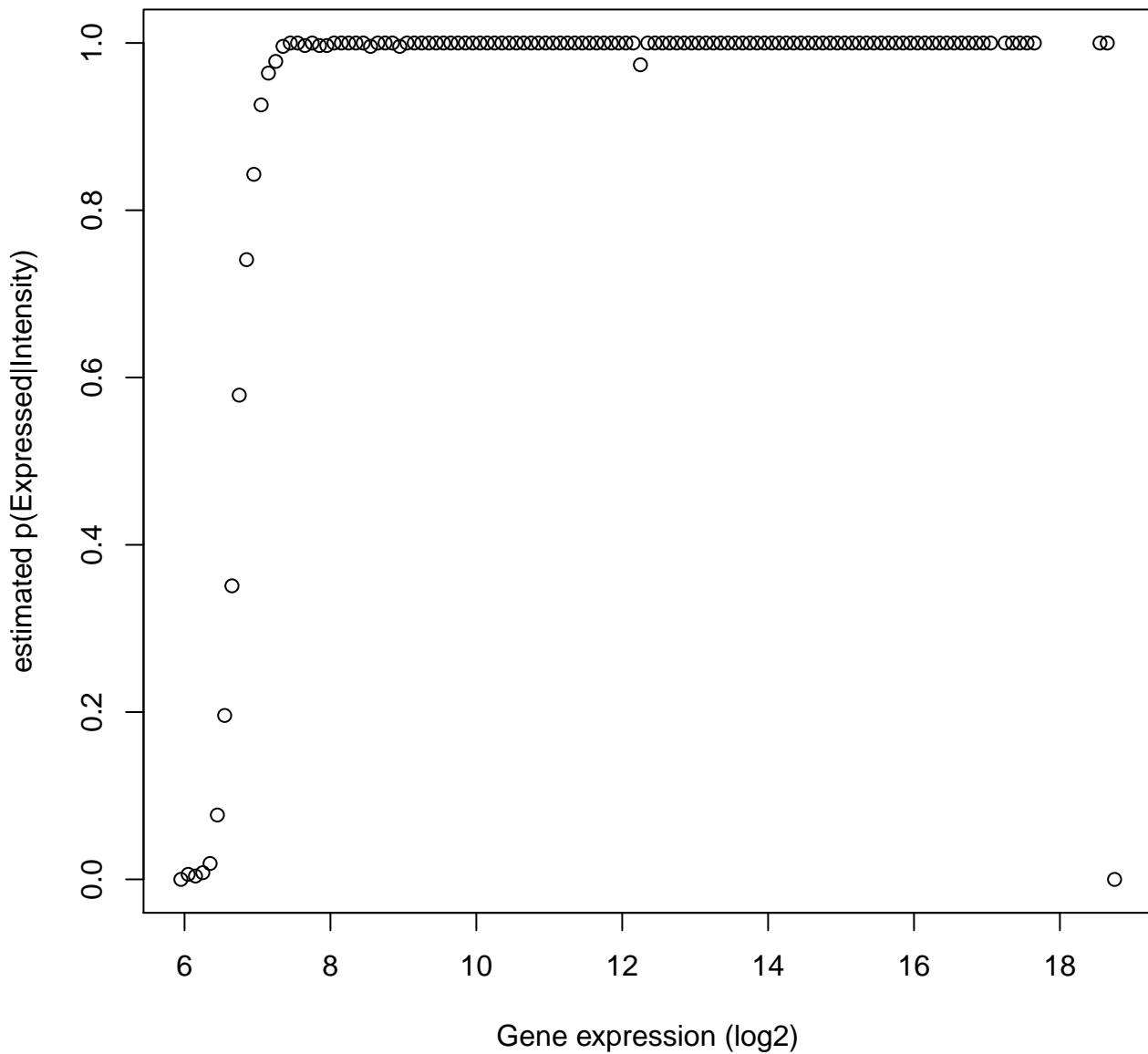
**B**

Cut Off: 7.45



# Egg 1 mother 5

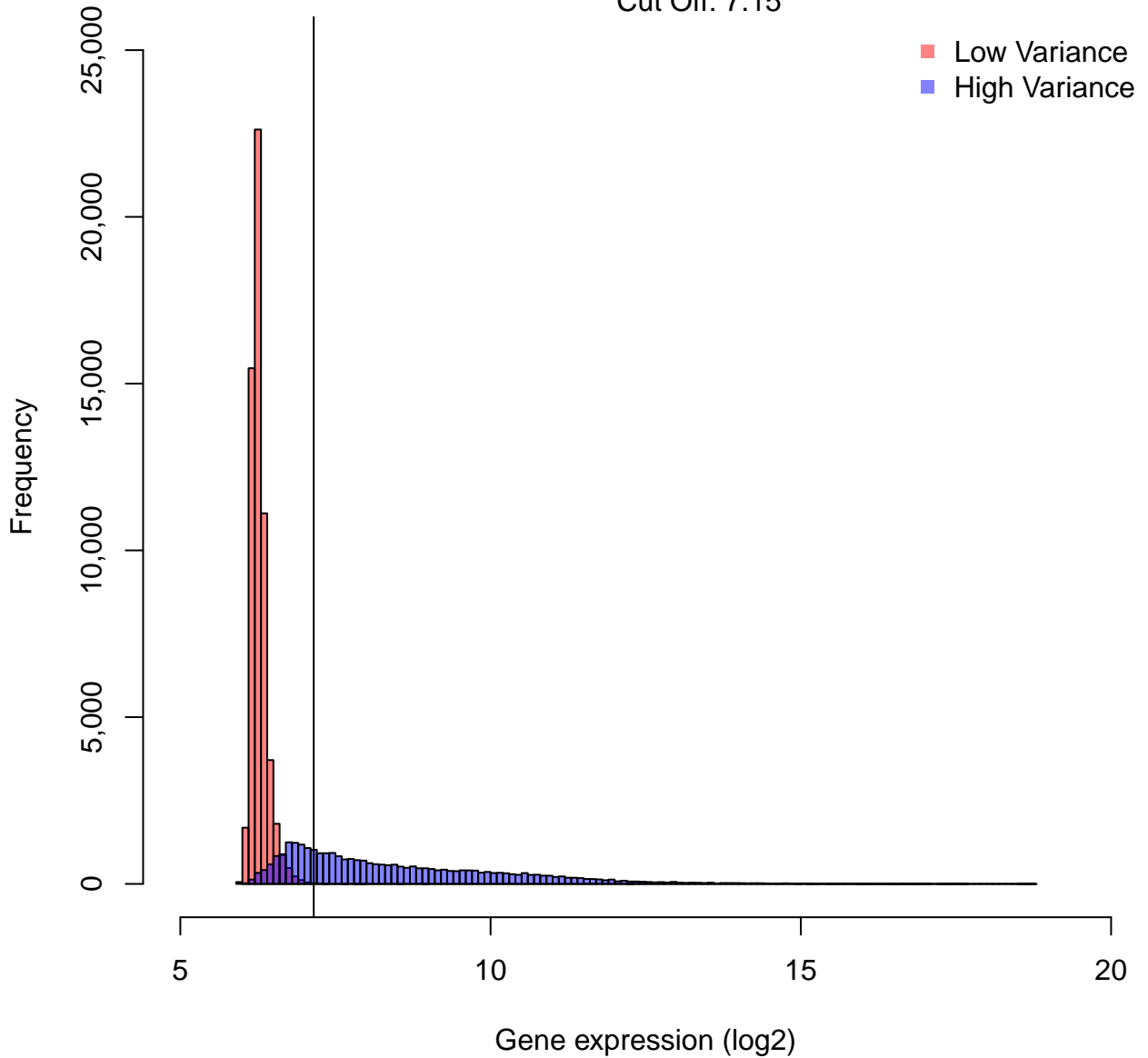
# A



# Egg 1 mother 5

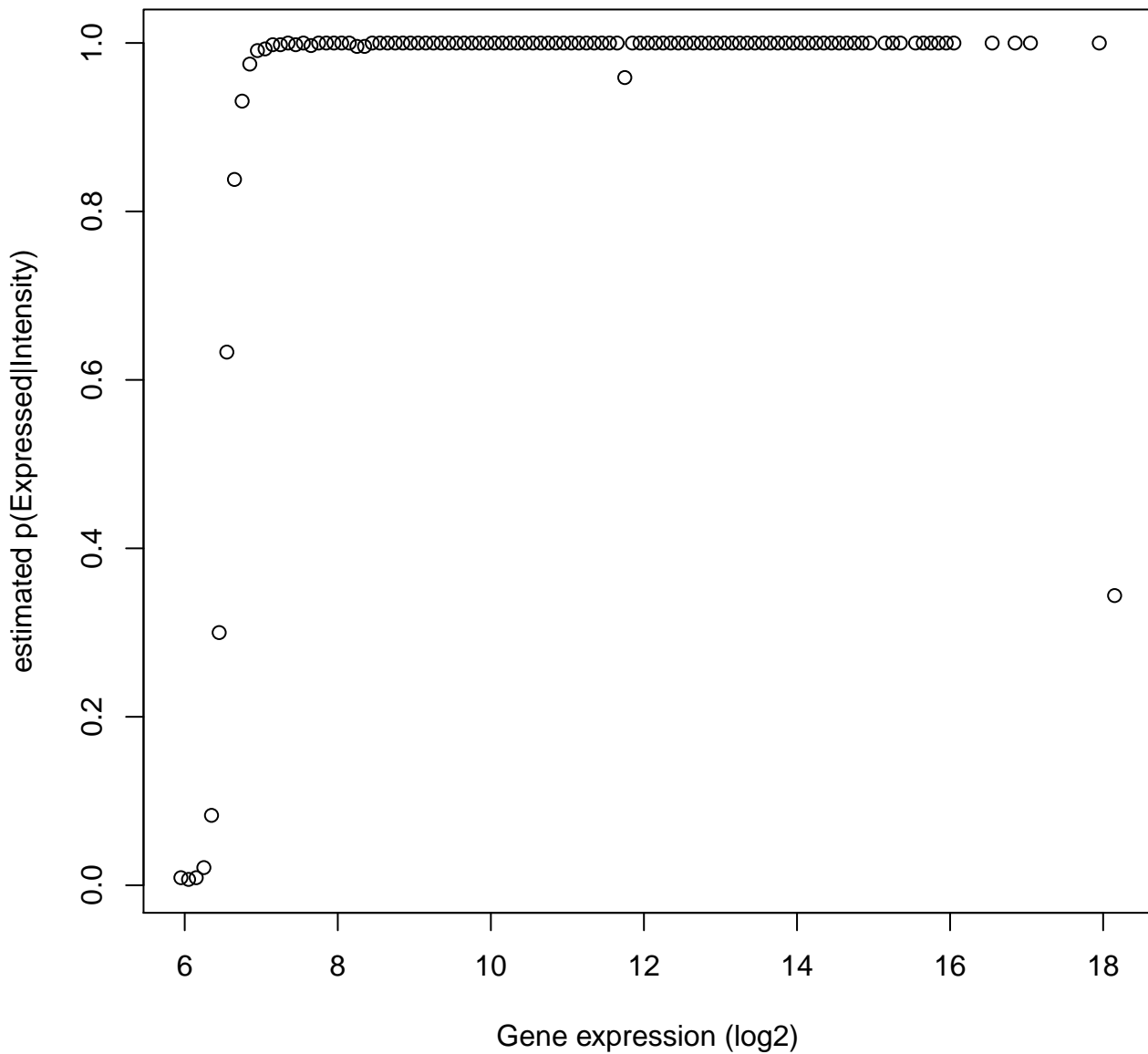
**B**

Cut Off: 7.15



# Egg 2 mother 5

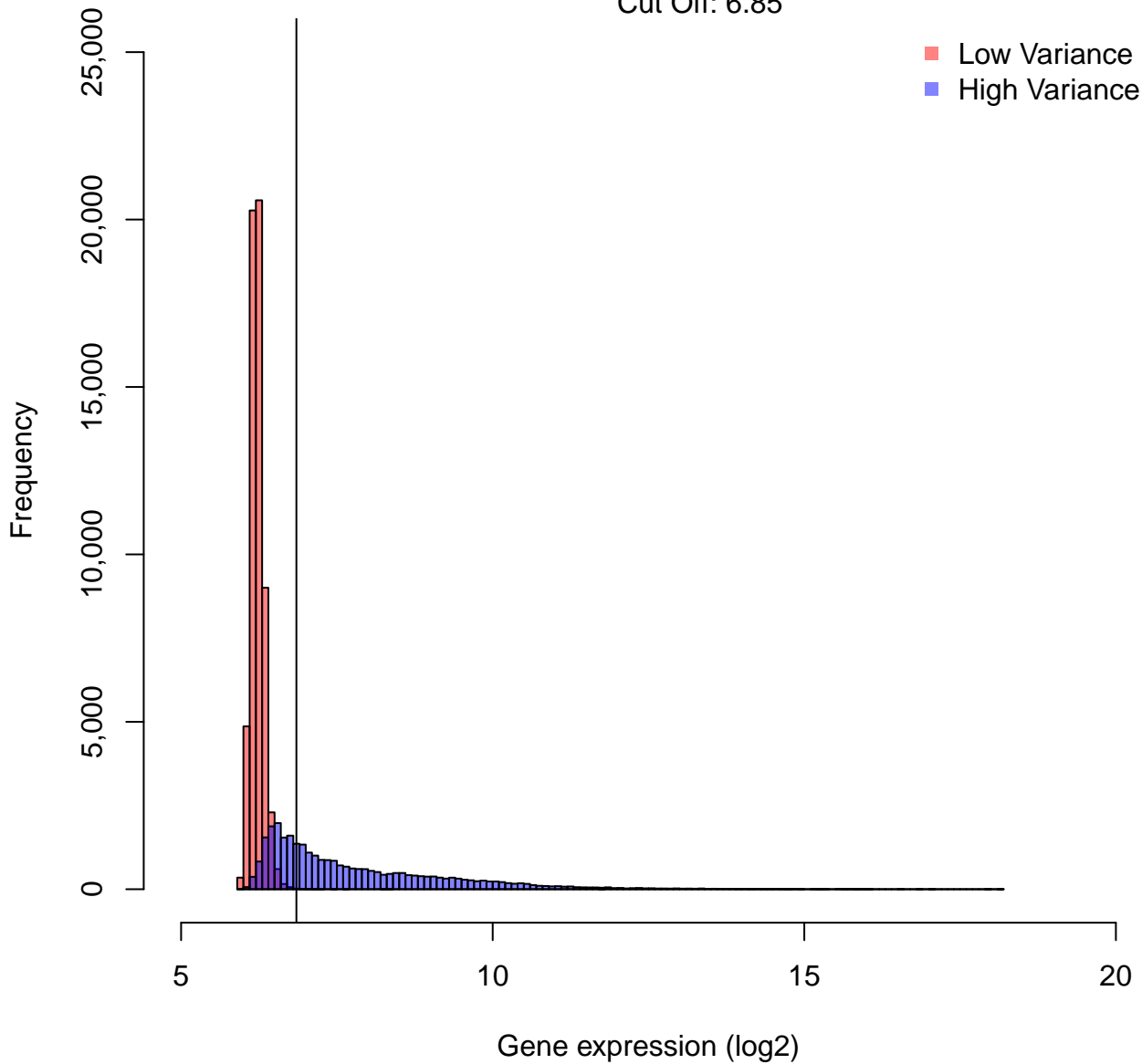
# A



# Egg 2 mother 5

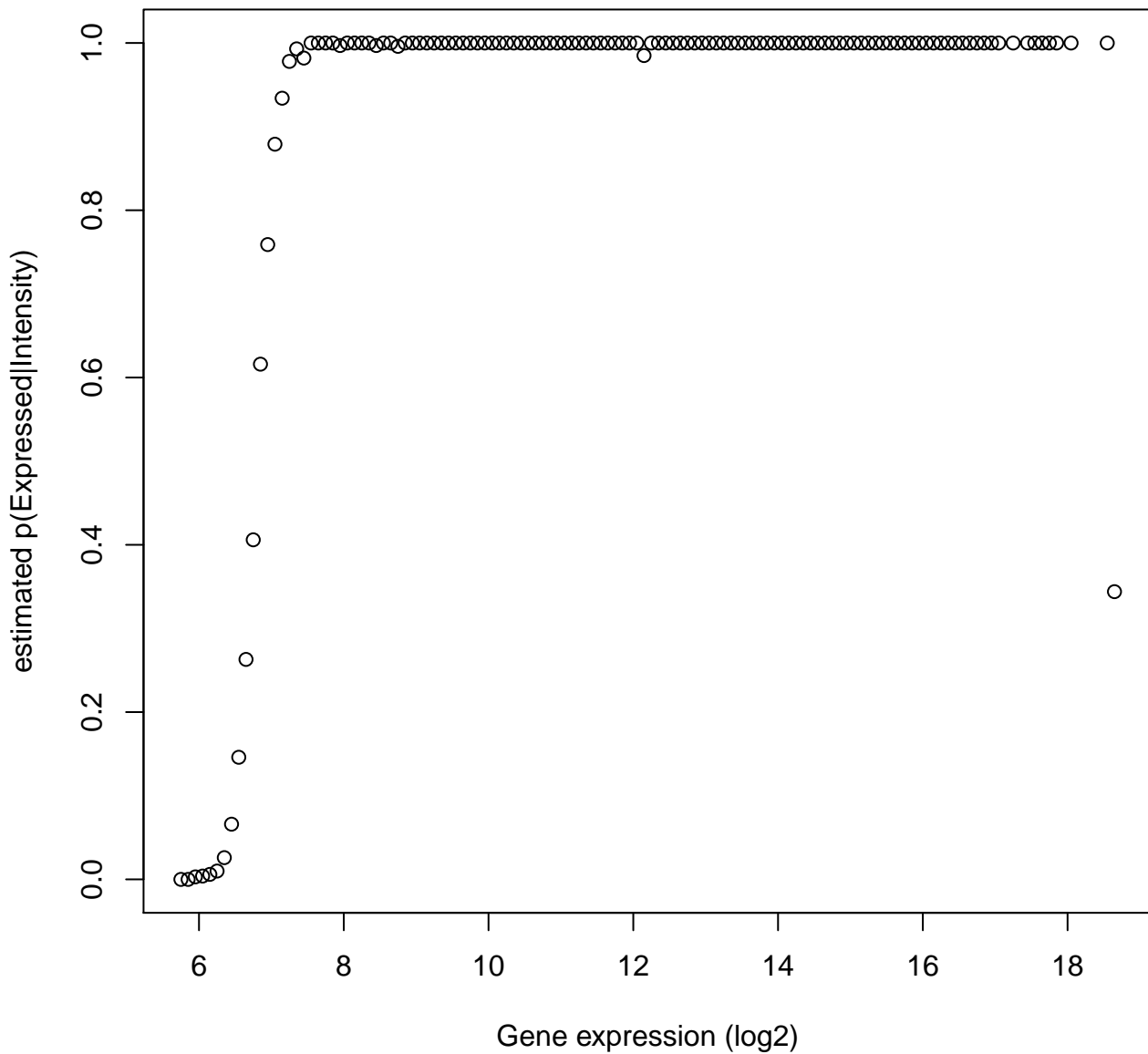
**B**

Cut Off: 6.85



# Egg 3 mother 5

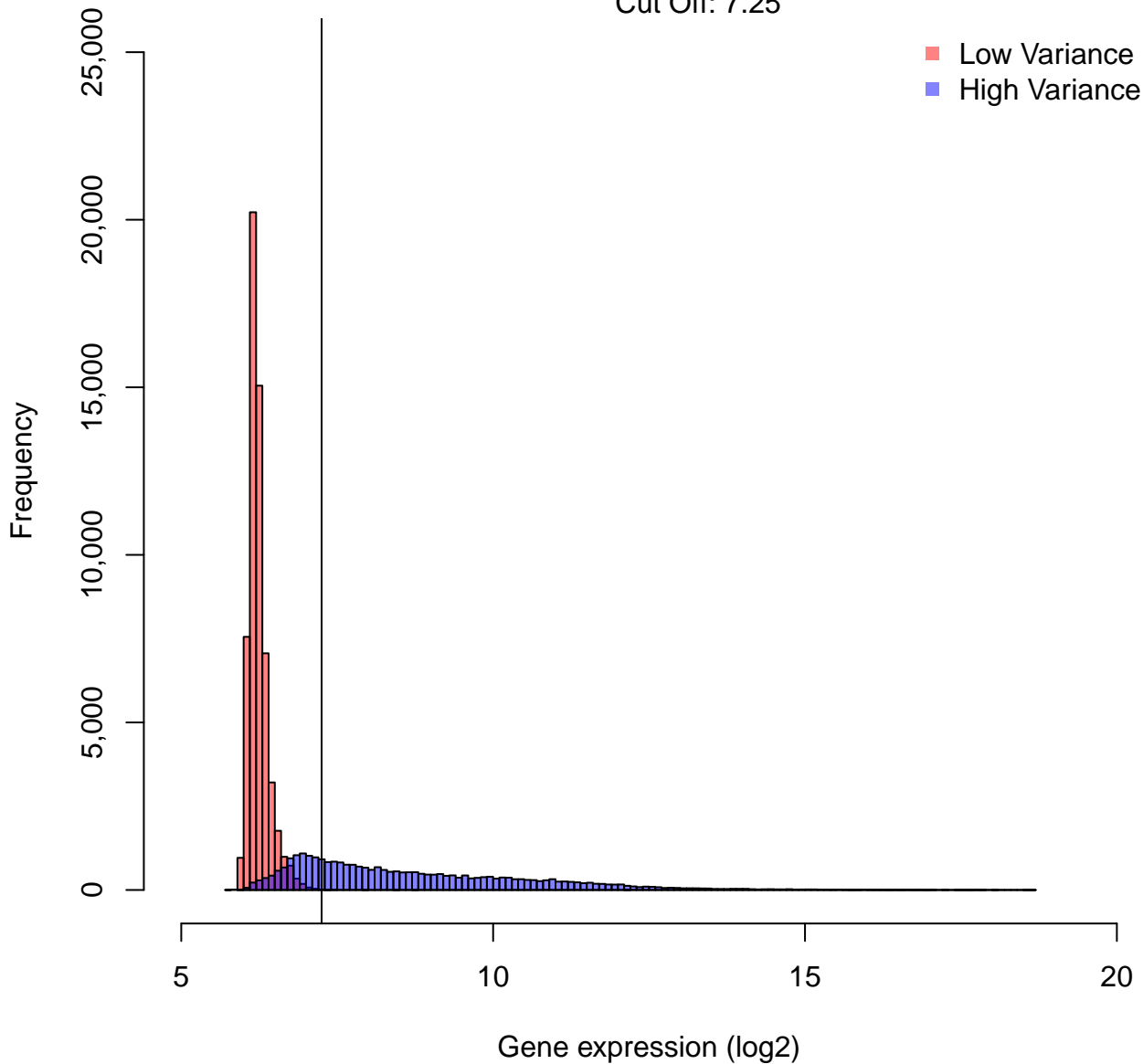
# A



# Egg 3 mother 5

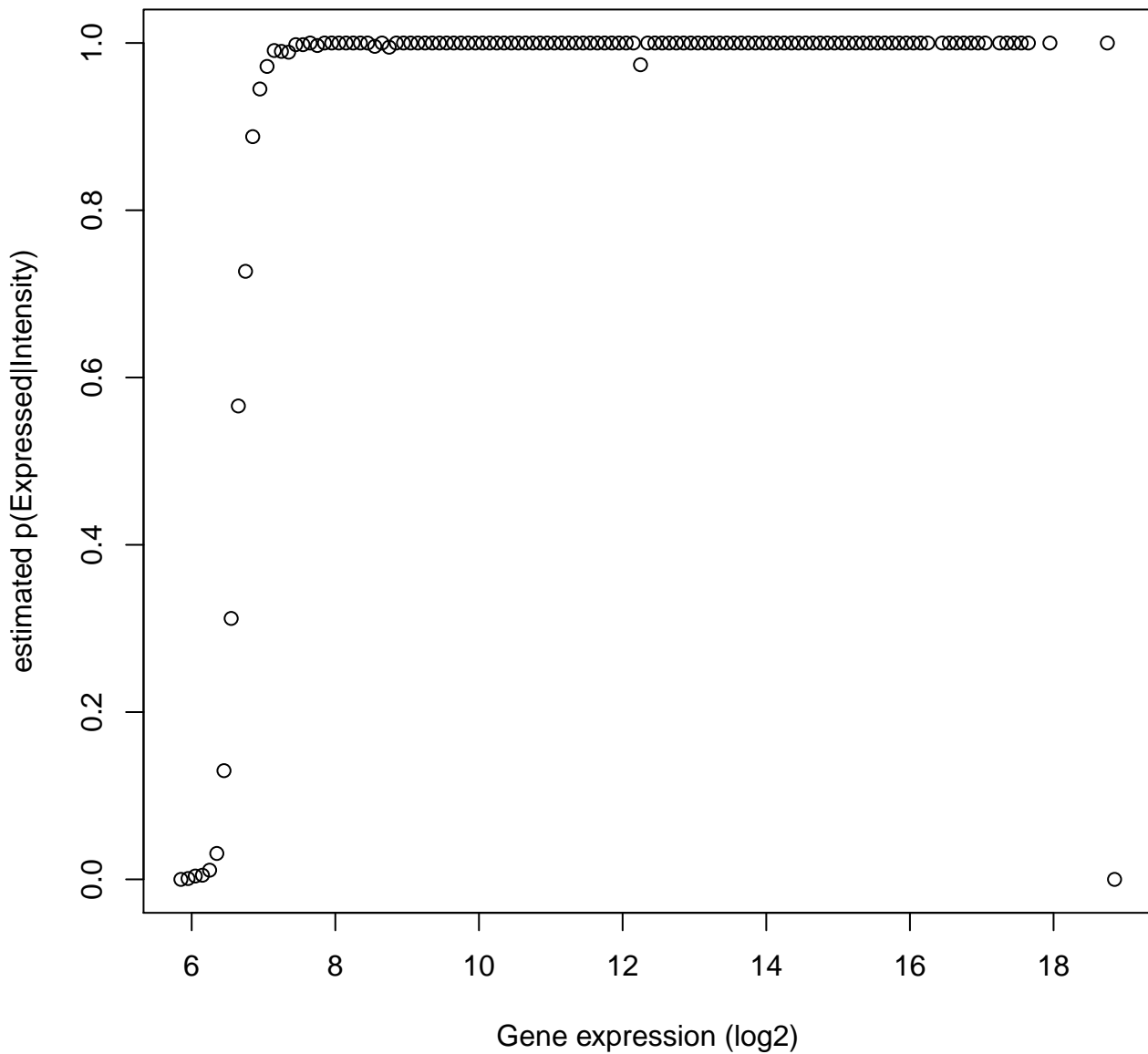
**B**

Cut Off: 7.25



# Egg 4 mother 5

# A





# Egg 4 mother 5

**B**

Cut Off: 7.05

