Lower marker

5S Fast region

Inter -peak region

Post region

Small fragmentation region

18S

28S

(A)

High quality (freshly extracted)

28S:18S - 2.1

RQI - 10

Mild degradation

28S:18S - 1.56

RQI - 9.8

(B)

Mild degradation

28S:18S - 1.51

RQI - 9.8

(C)

Moderate degradation

28S:18S ratio 1.32

RQI - 8.9

Sample 1

Fluorescence

Time (seconds)