scRNA Gel electrophoresis

Work with RNAse away

Prepare reaction:

1. Add 36.5 ul DEPC DDW to 1 eppendorf marked A+B.
2. Add 42.75 ul DEPC DDW to 2 eppendorfs (1 marked A, 1 marked B).
3. Add 1 ul HEPES 1M to all eppendorfs.
4. Add 6.25 ul of A 20 uM to eppendorf A and A+B.
5. Add 6.25 ul of B 20 uM to eppendorf B and A+B.
6. Incubate 2 hours at 37^{o}c.

Gel:

1. Prepare 4% gel: add 1.6 g agarose to 40 ml TAE buffer.
2. Heat in the microwave until boiling (~1 minute), let it cool and add 20 µl of 1 mg/ml EtBr.
3. Add loading dye to each sample.
4. Load 15 µl of each sample.
5. Run for 1.5 hr, 70 V.