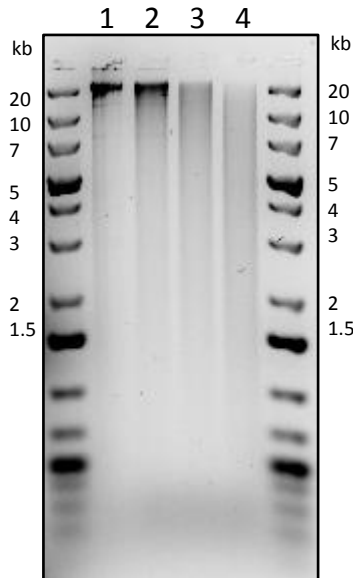


NEB Fragmentase test for generation of large DNA fragments

Reaction conditions were tested on *Bremia* genomic DNA (~50 GC rich) by
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1 - *Bremia* genomic DNA (~50% GC rich)

2 - 25 min fragmentase treatment of sample 1

3 - 40 min fragmentase treatment of sample 1

4 - 60 min fragmentase treatment of sample 1

Reaction conditions:

1. Dilute fragmentase 1:10 (use the storage buffer composition)
2. Combine in a 200 μ l PCR tube:
DNA – 2.5 μ l (0.5 μ g)
water – 5.5 μ l
10x fragmentase buffer – 1 μ l
100x BSA – 0.1 μ l
3. Incubate on ice for 5 min
4. Add diluted enzyme – 1 μ l
5. Incubate at 37C: 25 min, or 40 min, or 60 min
6. Add 5 μ l of 0.5 M EDTA to stop the reaction