**6 x DNA loading buffer (50 mL)**

Add 35 g of sucrose (S0389-1KG Sigma) to a 50 mL Falcon tube

Add 10 mL of 0.5 M EDTA pH 8.0 (E399-500G Sigma Aldrich)

Add a tiny amount of Bromphenol blue (114391-5G Sigma Aldrich)

Add a tiny amount of Xylene xyanol (335940-10G Sigma Aldrich)

Fill with sterile MQ water to 50 mL

Store at 4oC (It takes some days for the sucrose to dissolve)