

MELTING TEMPERATURE CALCULATION

$$T_m = 4(G+C) + 2(A+T)$$

Heat to 20 C above this temperature to anneal.

BUFFERS

10 X PNK	10 X AB
0.5 M Tris-Cl pH 8	200 mM Tris-Cl pH 8
0.1 M MgCl ₂	100 mM MgCl ₂
50 mM DTT	500 mM NaCl
0.5 mg/mL BSA	10 mM DTT