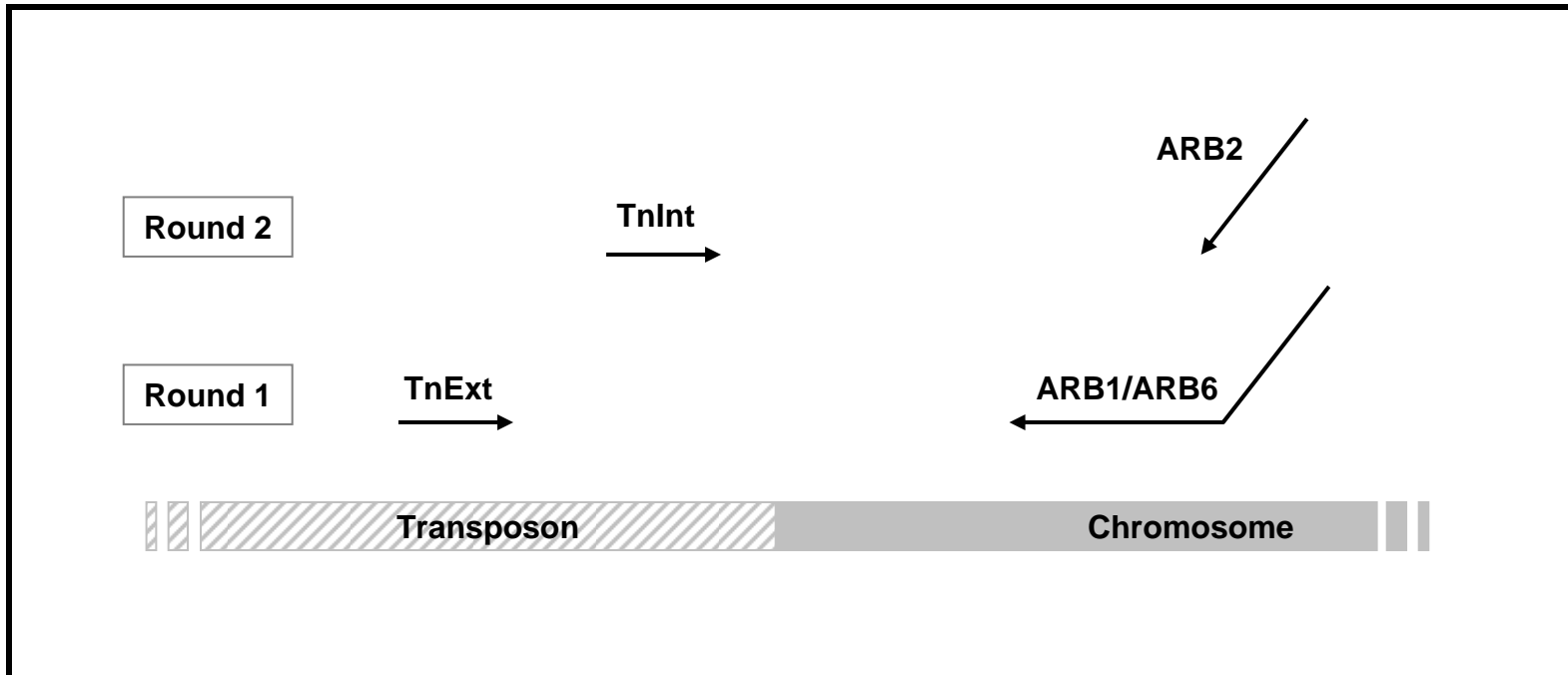


# Arbitrarily-primed PCR



TnInt and TnExt are transposon-specific primers. TnInt should be approximately 60 bp from the transposon-chromosome junction so that the junction may be sequenced when TnInt is used as a sequencing primer.

ARB1 = 5'-ggccacgcgctcgactagtagtacnnnnnnnnngatat

ARB6 = 5'-ggccacgcgctcgactagtagtacnnnnnnnnnacgcc

ARB2 = 5'-ggccacgcgctcgactagtagtac

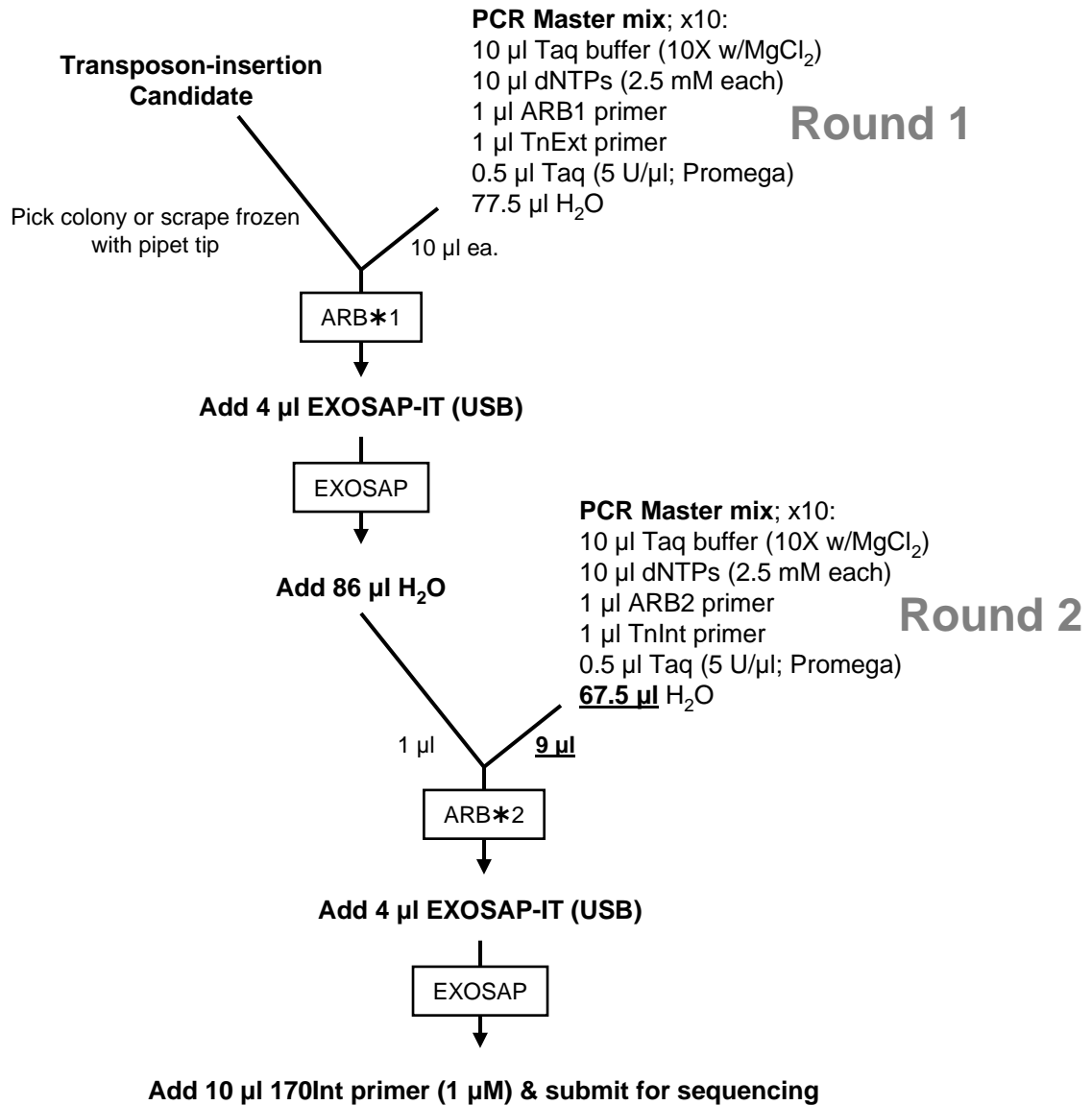
Adapted from:

Caetano-Annoles *PCR Methods Appl.* 3:85 (1993)

O'Toole, et al. *Methods Enzymol* 310:91 (1999),

# Arbitrarily-Primed PCR Protocol

Mark Mandel, 11/27/05



**Thermocycler Programs:**

<b>ARB*1</b>	
95°C, 5'	30 cycles:
5 cycles:	•94°C, 30"
•94°C, 30"	•45°C, 30"
•30°C, 30"	•72°C, 2'
•72°C, 1'30"	72°C, 5'
↵	4°C, Hold

<b>ARB*2</b>
30 cycles:
•94°C, 30"
•55°C, 30"
•72°C, 1'30"
72°C, 5'
4°C, Hold

<b>EXOSAP</b>
37°C, 15'
80°C, 15'
4°C, Hold