

* Data on opposite page
tubes 2 & 3 must be
corrected for dilution error

Tube 2
$$\frac{2.74 \text{ ml } (4.92 \times 10^6 \frac{\text{cells}}{\text{ml}})}{4.5 \text{ ml} + 2.74 \text{ ml}} = 1.86 \times 10^6 \frac{\text{cells}}{\text{ml}}$$

So only 1.86×10^5 were plated into P100
186 into P60

∴ Multiply resultant PE and mutation freq. by 1.075

Tube 3
$$\frac{2.87 \text{ ml } (4.79 \times 10^6)}{4.5 \text{ ml} + 2.74 \text{ ml}} = 1.90 \times 10^6 \frac{\text{cells}}{\text{ml}}$$

∴ Multiply resultant PE and mutation freq. by 1.053