

# RESTRICTION ENZYME SEQUENCE CARDS

1. Cut out cards along dotted lines.
2. Compare each enzyme sequence to the base sequences on the plasmid and DNA strips.

$\begin{array}{c} \overline{C} \quad G \\ \overline{C} \quad G \\ T \quad A \\ G \quad \overline{C} \\ G \quad C \end{array}$ Enzyme 1	$\begin{array}{c} T \quad A \\ \overline{T} \quad A \\ C \quad G \\ G \quad \overline{C} \\ A \quad T \\ A \quad T \end{array}$ Enzyme 2	$\begin{array}{c} \overline{C} \quad G \\ \overline{C} \quad G \\ T \quad A \\ A \quad T \\ G \quad \overline{C} \\ G \quad C \end{array}$ Enzyme 3
$\begin{array}{c} T \quad A \\ \overline{C} \quad G \\ T \quad A \\ A \quad T \\ G \quad \overline{C} \\ A \quad T \end{array}$ Enzyme 4	$\begin{array}{c} G \quad C \\ \overline{G} \quad C \\ C \quad G \\ C \quad G \end{array}$ Enzyme 5	$\begin{array}{c} \overline{C} \quad G \\ \overline{T} \quad A \\ T \quad A \\ A \quad T \\ A \quad T \\ G \quad C \end{array}$ Enzyme 6
$\begin{array}{c} \overline{C} \quad G \\ \overline{T} \quad A \\ C \quad G \\ G \quad \overline{C} \\ A \quad T \\ G \quad C \end{array}$ Enzyme 7	$\begin{array}{c} G \quad C \\ \overline{G} \quad C \\ G \quad \overline{C} \\ C \quad G \\ C \quad G \\ C \quad G \end{array}$ Enzyme 8	$\begin{array}{c} A \quad T \\ \overline{A} \quad T \\ C \quad G \\ G \quad C \end{array}$ Enzyme 9