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The table below presents a variety of mRNA three-base sequences (codons) and the amino acids for which these sequences code.

First Base of mRNA	Second Base of mRNA	Third Base of mRNA	Amino Acid
G	A	A	glutamic acid
		C	aspartic acid
		G	glutamic acid
		U	aspartic acid
	G	A	glycine
		C	glycine
		G	glycine
		U	glycine
	U	A	valine
		C	valine
		G	valine
		U	valine

Based on the information in the table, which of the following changes is **least likely** to produce a phenotypic change in an organism?

- A. GAU to GGU
- B. GAU to GUU
- C. GAU to GAA
- D. GAU to GAC