

Gramática Tentativa

$G = \langle VN, VT, P, \langle START \rangle \rangle$

$VN = \{ \langle START \rangle, \langle HEADER \rangle, \langle BODY \rangle, \langle END \rangle, \langle CODON \rangle, \langle POSITION \rangle, \langle DISJUNCTION \rangle, \langle BASE \rangle, \langle DIGIT \rangle, \langle D \rangle, \langle BASE_STREAM \rangle, \langle DISJUNCTION_PART \rangle, \langle DISJUNCTION_OPTIONAL \rangle \}$

$VT = \{ A, U, G, T, S, O, P, -, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, [,], \{, \}, * \}$

$P = \{$
 $\langle START \rangle \rightarrow \langle HEADER \rangle \langle BODY \rangle \langle END \rangle$
 ,
 $\langle HEADER \rangle \rightarrow AUG$
 ,
 $\langle END \rangle \rightarrow STOP \mid TAA \mid TAG \mid TGA$
 ,
 $\langle BODY \rangle \rightarrow \langle CODON \rangle \langle BODY \rangle \mid \langle POSITION \rangle \langle BODY \rangle \mid \langle DISJUNCTION \rangle \langle BODY \rangle \mid \lambda$
 ,
 $\langle CODON \rangle \rightarrow \langle BASE \rangle \langle BASE \rangle \langle BASE \rangle$
 ,
 $\langle BASE \rangle \rightarrow C \mid G \mid A \mid T \mid -$
 ,
 $\langle POSITION \rangle \rightarrow [\langle DIGIT \rangle]$
 ,
 $\langle DIGIT \rangle \rightarrow 1 \langle D \rangle \mid 2 \langle D \rangle \mid 3 \langle D \rangle \mid 4 \langle D \rangle \mid 5 \langle D \rangle \mid 6 \langle D \rangle \mid 7 \langle D \rangle \mid 8 \langle D \rangle \mid 9 \langle D \rangle$
 ,
 $\langle D \rangle \rightarrow 0 \langle D \rangle \mid 1 \langle D \rangle \mid 2 \langle D \rangle \mid 3 \langle D \rangle \mid 4 \langle D \rangle \mid 5 \langle D \rangle \mid 6 \langle D \rangle \mid 7 \langle D \rangle \mid 8 \langle D \rangle \mid 9 \langle D \rangle \mid \lambda$
 ,
 $\langle DISJUNCTION \rangle \rightarrow \{ \langle BASE_STREAM \rangle \langle DISJUNCTION_PART \rangle \}$
 $\langle DISJUNCTION_OPTIONAL \rangle$
 ,
 $\langle DISJUNCTION_PART \rangle \rightarrow , \langle BASE_STREAM \rangle \langle DISJUNCTION_PART \rangle$
 ,
 $\langle DISJUNCTION_OPTIONAL \rangle \rightarrow * \mid \lambda$
 ,
 $\langle BASE_STREAM \rangle \rightarrow \langle BASE \rangle \langle BASE_STREAM \rangle \mid \lambda$
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