

List of Differences between ST.25 and ST.26

	ST.25	ST.26
Format	Text	XML
PCT Procedural Requirements	Yes	No
Sequences with <10 specific nucleotides <specific amino acids	Not Prohibited	Prohibited
Sequences	<p>Not Required to include:</p> <ul style="list-style-type: none"> D-amino acids Linear portions of branched sequences Nucleotide analogs 	<p>Must include:</p> <ul style="list-style-type: none"> D-amino acids Linear portions of branched sequences Nucleotide analogs
Thymidine & Uracil	"t" is thymidine and "u" is uracil	"t" is both thymidine in DNA and uracil in RNA
Annotations	"n" & "Xaa" variables must have a definition provided in a feature	<p>Default value assumed for "n" and "X" variables with no definition required</p> <p>"n" has a default value of "any one of 'a', 'c', 'g', or 't/u", "unknown" or "other"</p> <p>"X" has a default value of "any one of 'A', 'R', 'N', 'D', 'C', 'Q', 'E', 'G', 'H', 'I', 'L', 'K', 'M', 'F', 'P', 'O', 'S', 'U', 'T', 'W', 'Y', or 'V', "unknown", or "other"</p>
Annotations of variant sequences	Not Standardized	Standardized
Location Descriptors	Not Standardized	Standardized
Bibliographic references	<ul style="list-style-type: none"> All priority information included All applicant and inventor names included 	<ul style="list-style-type: none"> Only the earliest priority information included Only one applicant permitted Can also optionally include one inventor name
Free Text Field	Max - 260 Characters (4 Lines of 65 Characters/Line)	Max - 1,000 characters
Feature keys	Feature keys (e.g. 5' UTR) as annotation of sequences	Feature keys (e.g. 5' UTR) and optional qualifiers as annotation of sequences (e.g. allele function, gene, gene_synonym, map, note, standard_name, trans_splicing)
Amino acid Sequence	Represented by 3 letter abbreviation	Represented by 1 letter abbreviation
Type of Sequences	Sequences identified as DNA, RNA or PRT	<p>Sequences identified as DNA, RNA or AA</p> <p>Must include a mol_type qualifier to further describe the molecule. These are</p> <p>For RNA: Genomic RNA, mRNA, tRNA, rRNA, transcribed RNA,</p> <p>For DNA: Genomic DNA, unassigned DNA</p> <p>For AA: Protein</p>