nm3: length of nucleotide feature is not a multiple of 3

| | CDS (single exon) | CDS (multi-exon) | mature peptide (MP#i) | CDS (made up of mature peptides) |
|---|----------------------|--|---|--|
| No errors | 1 L%3 = 0 L'%3 = 0 | L1 1 L2 L2 L2' $exon 1 exon 2$ $(L1+L2)\%3 = 0$ $(L1'+L2')\%3 = 0$ | 1 L 1 L' mp #(i-1) mp #i mp #(i+1) L%3 = 0 L'%3 = 0 | 1 1 1 2 3 4 5 6 0 L/%3 = 0 L/%3 = 0 |
| nm3 (not a multiple of 3) length is not a multiple of 3 | 1L | 1————————————————————————————————————— | 1 L | |
| | L%3 = 0 L'%3 != 0 | exon 1 exon 2 (L1+L2)%3 = 0 (L1'+L2')%3!= 0 | mp #(i-1) mp #i mp #(i+1) L%3 = 0 L'%3 != 0 | L%3 = 0 L'%3!= 0 |

Example output from annotation script:

JF920397 2 MP#2 nm3 length of nucleotide feature is not a multiple of 3 [299]