

TYPE = GRAMMAR

SYMBOLS = WORDS

RULES =

```
RNA -> Tail3 Ladder Tail5;
RNA -> marker_Loop Loop;
RNA -> Tail3 Ladder marker_MultiLoop MultiLoop Ladder NextMultiLoop Tail5

Tail3 ->;
Tail3 -> t3 Tail3;

Tail5 ->;
Tail5 -> t5 Tail5;

Ladder -> marker_Ladder_a a a Ladder_2 b b marker_Ladder_b;

Ladder_2 -> a Ladder_2 b;
Ladder_2 -> marker_Bulge Bulge Ladder;
Ladder_2 -> Ladder marker_Bulge Bulge ;
Ladder_2 -> marker_Internal_Loop Internal_Loop Ladder marker_Internal_Loop
Internal_Loop;
Ladder_2 -> marker_Loop Loop;
Ladder_2 -> marker_MultiLoop MultiLoop Ladder marker_MultiLoop
MultiLoop Ladder NextMultiLoop;

NextMultiLoop -> marker_MultiLoop MultiLoop;
NextMultiLoop -> marker_MultiLoop MultiLoop Ladder NextMultiLoop;

Bulge ->;
Bulge -> c Bulge;

Internal_Loop ->;
Internal_Loop -> d Internal_Loop;

Loop ->;
Loop -> e Loop;

MultiLoop ->;
MultiLoop -> f MultiLoop;
```