

A pdf copy of this tutorial was uploaded on GitHub.

- [illegible]

- “67\_ovo\_RE\_TFO\_probes.txt” – the output file containing the information for the parallel TFO probes for the target of interest. The “Start Position” is the number of the first 5’ nucleotide that

it is part of the purine duplex identified in the RNA target. This sequence is made up of only purines or 100 % purines (G and A nucleotides - %GA). The sscount fraction (sscount) gives information about the likelihood that the 10-nucleotide region is double stranded in all structures (MFE and SO). A value of zero for the sscount fraction means all 10 nucleotides are predicted to be double stranded in all 20 structures included in the input file for *ovo-RE* mRNA.

```
Results for /Users/ficatrina/Downloads/TFOFinder/Example/input/67_ovo_RE.ct using 10 as parallel TF0 probe length
Start Position,%GA,sscount,Parallel TF0 Probe Sequence,Tm
331,100,0.18,CCCCUUUUU,50
393,100,0.95,UUUUUUUUU,21
5523,100,0.0,UUUUUUUUU,21
5524,100,0.0,UUUUUUUUU,21
5525,100,0.0,UUUUUUUUU,21
```

**Figure 2.** Snapshot of the output file. The target, *ovo-RE* contains five possible regions amenable to forming a parallel triple helix.

5. Additional information, such as original files described in our manuscript, will be made available upon request; please contact Irina Catrina at [iecatrina@gmail.com](mailto:iecatrina@gmail.com).