

MetaRib.configure.ini

```
#set data paths
.....
#set tool paths
.....
```

Initialization

Iterative reconstruction

Subsampling reads

Assembly of subset

Deduplication of contigs

Extracting unmapped reads

Criteria

NO

YES

Post processing

Calculating mapping statistics

Filtering contigs

Estimating abundance

Contig_ID	S1	S2	...
134	0.53	0.12	...
23	0.22	0.0	...
69	0.0	0.34	...
.....			

Estimated.abundance.txt

```
>134
ATTC...
>23
TTAA...
.....
```

Filtered.deduped.fasta