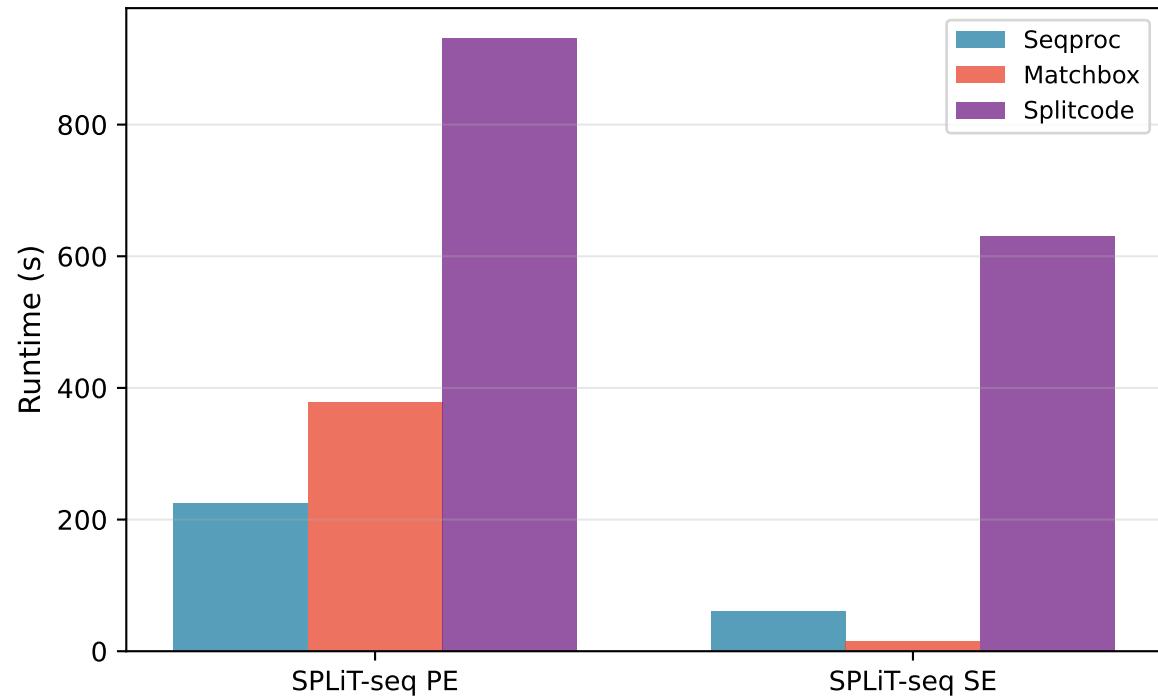
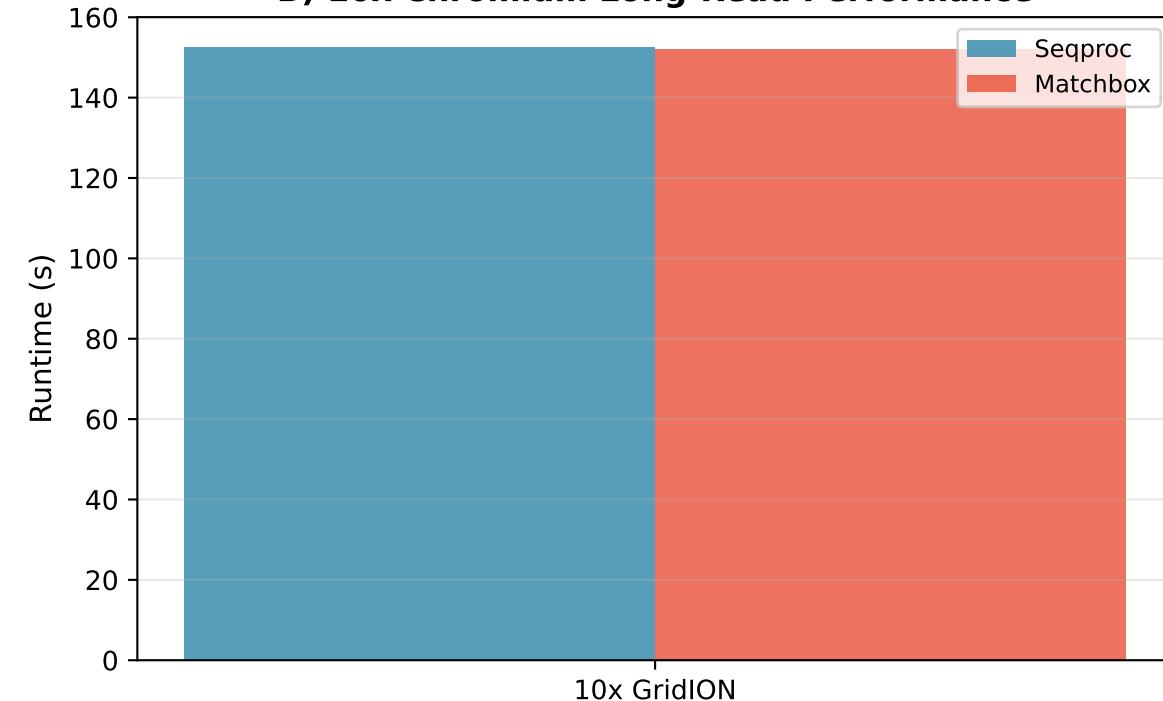


# seqproc Benchmark Summary: 10x and SPLiT-seq Analysis

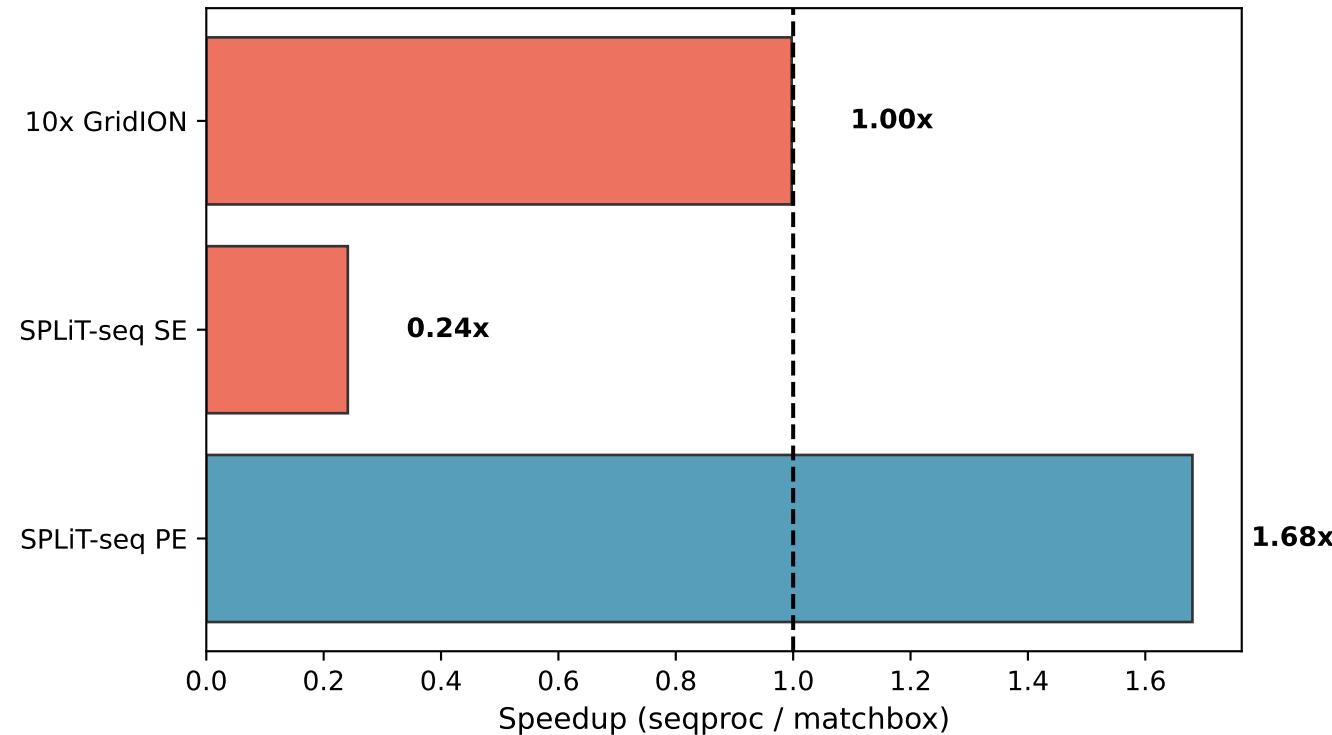
**A) SPLiT-seq Performance**



**B) 10x Chromium Long-Read Performance**



**C) seqproc Speedup Summary**



**D) Key Insights**

**KEY FINDINGS (from data)**

1. SPLiT-seq Paired-End:
  - seqproc is 1.68x faster
  - Recovery: 48.6%
2. SPLiT-seq Single-End:
  - matchbox is 4.15x faster
  - Recovery: 24.0%
3. 10x Chromium (avg):
  - matchbox is 1.00x faster

**SUMMARY:**  
seqproc faster in 1/3 datasets