1. Priority
   - Highest quality
     - HiSeq (Standard or Rapid)
   - Longest reads
     - HiSeq Rapid (single lane or full FC)
   - Fastest turnaround
     - NextSeq (Mid or High Output)
   - Lowest cost
     - HiSeq Standard
     - HiSeq Rapid FC or NextSeq (Mid or High Output)
     - Other/Custom
       - Long PE
       - Short SR