Tophat performance diagram

Diagram goes here.

Tophat performance characteristics

~40 M read pairs, RNAseq data; Tophat w/no novel junction finding

b1	bowtie 1
b2-def	bowtie 2, default parameters
b2-fast	bowtie 2, --b2-fast option
b2-vfast	bowtie 2, --b2-very-fast option

bowtie1 faster than any bowtie2
option for this analysis
(except with -p 12)

sweet spot is -p 6 (lonestar)
          -p 8 (stampede)
[2 tasks / node]

wayness	# p	b1	b2-def	b2-fast	b2-vfast
4	2	6.97	14.12	11.03	8.63
2	4	3.93	7.70	6.02	5.00
2	6	3.02	5.78	4.83	3.97
1	8	2.57	4.62	3.67	3.08
1	12	3.15	3.67	3.27	2.87