

# Libpll full tree CLV update benchmarks

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## 1 Benchmark

### CPU architecture, 10 iterations

	seq59	seq128	seq404
tip pattern mode	2838ms	33170ms	46679ms
repeats 2000000	708ms	5911ms	4730ms
bmorel sites repeats (bclv buffer opt) 2000000	615ms	5184ms	3896ms
bmorel sites repeats (bclv buffer opt 2) 2000000	592ms	4879ms	4216ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	618ms	4471ms	3697ms

### CPU architecture, 50 iterations

	seq59	seq128	seq404
repeats 2000000	3552ms	29348ms	23565ms
bmorel sites repeats (bclv buffer opt) 2000000	3108ms	25755ms	19766ms
bmorel sites repeats (bclv buffer opt 2) 2000000	3030ms	24564ms	21041ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	2995ms	22496ms	18831ms