

Libpll full tree CLV update benchmarks

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1 Benchmark

CPU architecture (computer: my hits computer), 10 iterations

	seq59	seq128	seq404
tip pattern mode	927ms	11310ms	13748ms
repeats 2000000	836ms	7366ms	6154ms
bmorel sites repeats (bclv buffer opt) 2000000	612ms	5408ms	4380ms
bmorel sites repeats (bclv buffer opt 2) 2000000	694ms	6118ms	5457ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	688ms	5677ms	5178ms

CPU architecture (computer: play), 10 iterations

	seq59	seq128	seq404
tip pattern mode	5915ms	71882ms	97495ms
repeats 2000000	1617ms	13180ms	10777ms
bmorel sites repeats (bclv buffer opt 2) 2000000	1518ms	12832ms	10857ms

CPU architecture (computer: avx), 10 iterations

	seq59	seq128	seq404
tip pattern mode	2786ms	33570ms	43728ms
repeats 2000000	651ms	5474ms	4430ms
bmorel sites repeats (bclv buffer opt 2) 2000000	510ms	4334ms	3612ms

CPU architecture (computer: my personal computer), 10 iterations

	seq59	seq128	seq404
tip pattern mode	2933ms	33387ms	46424ms
repeats 2000000	716ms	5930ms	4727ms
bmorel sites repeats (bclv buffer opt) 2000000	617ms	5201ms	3841ms