Libpll full tree CLV update benchmarks

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1 Benchmark

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

	seq59	seq128	seq404
tip pattern mode	309ms	4274ms	4761ms
repeats 2000000	177ms	1738ms	1725ms
bmorel sites repeats (bclv buffer opt) 2000000	250ms	2558ms	2380ms
bmorel sites repeats (bclv buffer opt 2) 2000000	168ms	1805ms	1731ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	235ms	2184ms	2369ms

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

	seq59	seq128	seq404
tip pattern mode	999ms	11063ms	13923ms
repeats 2000000	843ms	7417ms	6240ms
bmorel sites repeats (bclv buffer opt) 2000000	628ms	5494ms	4420ms
bmorel sites repeats (bclv buffer opt 2) 2000000	568ms	5194ms	4428ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	564ms	4628ms	4278ms

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	1129ms	14535ms	18512ms
repeats 2000000	461ms	4347ms	3823ms
bmorel sites repeats (bclv buffer opt) 2000000	432ms	4136ms	3584ms
bmorel sites repeats (bclv buffer opt 2) 2000000	428ms	4081ms	3627ms
bmorel sites repeats (bclv buffer opt hybrid) 2000000	417ms	3801ms	3514ms

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