File: sequence
Type: cpu
Time: Aug 6, 2017 at 6:21pm (PDT)
Duration: 14.911607407s
41.81s of 42.49s total (98.40%)
Dropped 74 nodes (cum <= 0.21s)

runtime.mallocgc
0.08s(0.19%)
of 0.28s(0.66%)

runtime.mcall
0 of 0.24s(0.56%)

runtime.goexit
0 of 42.15s(99.20%)

41.77s

0.31s

runtime.park_m
0 of 0.24s(0.56%)

0.24s

0.24s

den.(*expanderV3Worker).main
0.01s(0.024%)
of 41.77s(98.31%)

runtime.main
0 of 0.31s(0.73%)

runtime.schedule
0 of 0.31s(0.73%)

41.50s

0.26s

0.31s

0.23s

den.(*expanderV3Worker).processPartition
0.46s(1.08%)
of 41.50s(97.67%)

runtime.chanrecv2
0 of 0.26s(0.61%)

main.main
0 of 0.31s(0.73%)

runtime.findrunnable
0 of 0.23s(0.54%)

31.50s

0.74s

0.26s

7.06s

1.31s

0.26s

0.31s

den.(*CycleType).Power
7.21s(16.97%)
of 31.50s(74.14%)

den.(*CycleType).Partition
0.74s(1.74%)

den.(*CycleType).Equal
0.26s(0.61%)

den.(*expanderV3Worker).partitionIndex
0.07s(0.16%)
of 7.06s(16.62%)

math/big.NewInt
0.01s(0.024%)
of 1.52s(3.58%)

runtime.chanrecv
0 of 0.26s(0.61%)

main.(*DensityV3Sequence).ValueAtIndex
0 of 0.31s(0.73%)

24.14s

0.15s

6.99s

1.37s

0.25s

0.31s

den.GCD
24.14s(56.81%)

runtime.memclrNoHeapPointers
0.23s(0.54%)

den.SortablePartitions.Search
0.23s(0.54%)
of 6.99s(16.45%)

math/big.(*Int).SetInt64
0.53s(1.25%)
of 1.37s(3.22%)

runtime.recv
0 of 0.25s(0.59%)

den.(*ExpanderV3).Density
0 of 0.31s(0.73%)

6.52s

0.84s

0.25s

0.31s

sort.Search
0.67s(1.58%)
of 6.52s(15.34%)

math/big.nat.setUint64
0.72s(1.69%)
of 0.84s(1.98%)

runtime.goready
0 of 0.25s(0.59%)

den.(*ExpanderV3).Width
0 of 0.31s(0.73%)

0.22s

5.85s

0.25s

0.31s

den.SortablePartitions.Search.func1
1.44s(3.39%)
of 5.85s(13.77%)

runtime.systemstack
0 of 0.62s(1.46%)

den.(*ExpanderV3).calculateWidth
0 of 0.31s(0.73%)

0.97s

3.44s

0.25s

0.31s

den.Partition.Equal
1.19s(2.80%)

den.Partition.Less
3.44s(8.10%)

runtime.goready.func1
0 of 0.25s(0.59%)

den.(*ExpanderV3).CardinalityOfConjugacyClass
0 of 0.31s(0.73%)

0.25s

0.28s

runtime.ready
0 of 0.26s(0.61%)

den.(*CycleType).CardinalityOfCentralizer
0 of 0.28s(0.66%)

0.26s

runtime.wakep
0 of 0.32s(0.75%)

0.32s

runtime.startm
0 of 0.32s(0.75%)

0.32s

runtime.notewakeup
0 of 0.38s(0.89%)

0.38s

runtime.semawakeup
0 of 0.38s(0.89%)

0.38s

runtime.mach_semrelease
0 of 0.38s(0.89%)

0.38s

runtime.mach_semaphore_signal
0.38s(0.89%)