

HJ
100.00%
(29.74%)
t: 0.01s,ts: 0.00s,tj: 0.00s,scan: 0.01s
(s: 0.00s,j: 0.00s)
total tuples: 10707.0
(tuples: 161.0)

```
graph TD; HJ[HJ] --> SEQ1[SEQ]; HJ --> HASH[HASH]; HASH --> SEQ2[SEQ]
```

SEQ
67.70%
(67.70%)
t: 0.01s,ts: 0.00s,tj: 0.00s,scan: 0.01s
(s: 0.00s,j: 0.00s)
total tuples: 10246.0
(tuples: 10246.0)
item

HASH
2.56%
(1.11%)
t: 0.00s,ts: 0.00s,tj: 0.00s,scan: 0.00s
(s: 0.00s,j: 0.00s)
total tuples: 300.0
(tuples: 0.0)

SEQ
1.45%
(1.45%)
t: 0.00s,ts: 0.00s,tj: 0.00s,scan: 0.00s
(s: 0.00s,j: 0.00s)
total tuples: 300.0
(tuples: 300.0)
promotion